

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000689.D
 Acq On : 15 Nov 2019 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:10 PM

Quant Time: Nov 16 02:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	349724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	319769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115852	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.72	113	105624	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.18	98	428394	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.48	95	153122	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	110229	53.014	ug/l	97
3) Chloromethane	2.11	50	144276	50.370	ug/l	99
4) Vinyl Chloride	2.25	62	138873	52.211	ug/l	98
5) Bromomethane	2.65	94	113837	71.370	ug/l	94
6) Chloroethane	2.79	64	88322	53.056	ug/l	94
7) Trichlorofluoromethane	3.13	101	198238	55.187	ug/l	94
8) Diethyl Ether	3.53	74	66748	52.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116442	53.619	ug/l	97
10) Methyl Iodide	4.09	142	77505	28.579	ug/l	99
11) Tert butyl alcohol	4.97	59	46029	216.321	ug/l	98
12) 1,1-Dichloroethene	3.87	96	113620	53.852	ug/l	92
13) Acrolein	3.74	56	34604	186.701	ug/l	96
14) Allyl chloride	4.48	41	190194	55.438	ug/l	98
15) Acrylonitrile	5.17	53	162124	247.959	ug/l	98
16) Acetone	3.95	43	215709	358.052	ug/l	98
17) Carbon Disulfide	4.19	76	341674	51.344	ug/l	97
18) Methyl Acetate	4.49	43	93468	49.897	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	304999	51.992	ug/l	99
20) Methylene Chloride	4.72	84	127204	49.276	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	128349	53.809	ug/l	97
22) Diisopropyl ether	6.13	45	411050	55.123	ug/l	96
23) Vinyl Acetate	6.07	43	1263451	268.407	ug/l	99
24) 1,1-Dichloroethane	6.02	63	218328	54.045	ug/l	99
25) 2-Butanone	7.00	43	274919	285.935	ug/l	96
26) 2,2-Dichloropropane	6.99	77	203912	55.234	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	145272	55.698	ug/l	97
28) Bromochloromethane	7.35	49	96978	52.421	ug/l	96
29) Tetrahydrofuran	7.36	42	149289	253.809	ug/l	99
30) Chloroform	7.52	83	229157	56.075	ug/l	97
31) Cyclohexane	7.78	56	218487	51.638	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	204208	56.068	ug/l	99
36) 1,1-Dichloropropene	7.92	75	182803	55.292	ug/l	99
37) Ethyl Acetate	7.08	43	99232	50.555	ug/l	98
38) Carbon Tetrachloride	7.91	117	178096	55.983	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	226211	52.961	ug/l	96
40) Benzene	8.17	78	522946	53.952	ug/l	98
41) Methacrylonitrile	7.33	41	59192m	54.057	ug/l	
42) 1,2-Dichloroethane	8.25	62	152711	55.549	ug/l	100
43) Isopropyl Acetate	8.28	43	190451	51.651	ug/l	99
44) Trichloroethene	8.94	130	136601	53.451	ug/l	96
45) 1,2-Dichloropropane	9.22	63	133722	56.054	ug/l	96
46) Dibromomethane	9.31	93	69985	53.343	ug/l	97
47) Bromodichloromethane	9.50	83	173887	55.857	ug/l	98
48) Methyl methacrylate	9.30	41	85354	52.981	ug/l	96
49) 1,4-Dioxane	9.30	88	18001	1019.469	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	499299	254.691	ug/l	98
52) Toluene	10.25	92	340847	55.620	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	185427	55.746	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	212475	55.759	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	100503	52.963	ug/l	95
56) Ethyl methacrylate	10.51	69	144841	53.853	ug/l	100
57) 1,3-Dichloropropane	10.79	76	180264	54.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	234232	192.638	ug/l	99
59) 2-Hexanone	10.83	43	389032	272.366	ug/l	99
60) Dibromochloromethane	10.99	129	120564	55.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	95499	52.341	ug/l	95
64) Tetrachloroethene	10.72	164	135748	51.340	ug/l	96
65) Chlorobenzene	11.52	112	351583	54.229	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	124819	55.512	ug/l	99
67) Ethyl Benzene	11.59	91	664673	55.705	ug/l	99
68) m/p-Xylenes	11.70	106	502978	108.913	ug/l	97
69) o-Xylene	12.03	106	238140	54.867	ug/l	96
70) Styrene	12.05	104	412995	55.569	ug/l	100
71) Bromoform	12.21	173	69803	53.974	ug/l #	100
73) Isopropylbenzene	12.33	105	648537	55.901	ug/l	99
74) N-amyl acetate	12.14	43	170793	51.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125749	54.742	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	90877m	50.844	ug/l	
77) Bromobenzene	12.61	156	142994	54.352	ug/l	99
78) n-propylbenzene	12.67	91	801036	57.224	ug/l	99
79) 2-Chlorotoluene	12.75	91	434089	55.858	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	544310	56.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43853	55.011	ug/l	98
82) 4-Chlorotoluene	12.86	91	459269	57.013	ug/l	99
83) tert-Butylbenzene	13.08	119	471290	57.125	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	554079	57.594	ug/l	99
85) sec-Butylbenzene	13.25	105	680962	57.934	ug/l	100
86) p-Isopropyltoluene	13.37	119	597147	57.002	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	284713	55.251	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	282524	54.866	ug/l	100
89) n-Butylbenzene	13.70	91	601692	58.234	ug/l	99
90) Hexachloroethane	13.96	117	111389	57.516	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	261859	56.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20527	50.492	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	172840	54.292	ug/l	98
94) Hexachlorobutadiene	15.11	225	90076	54.890	ug/l	98
95) Naphthalene	15.23	128	369937	52.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152795	53.498	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

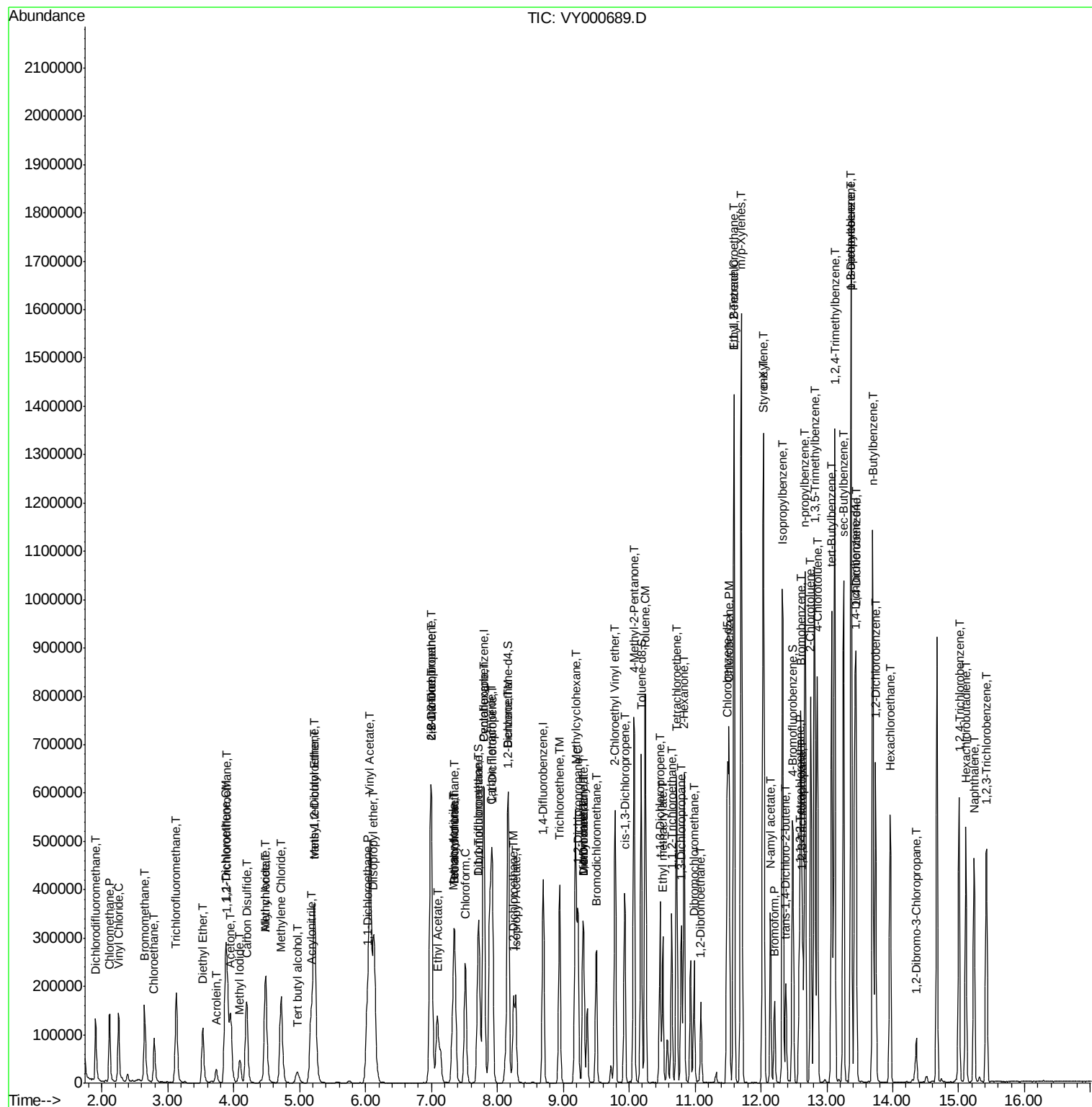
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
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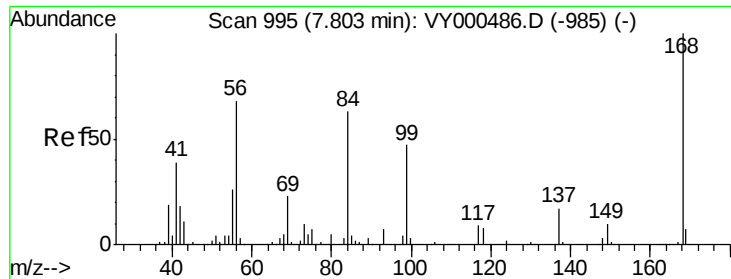
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 211222

Ion Ratio Lower Upper

168 100

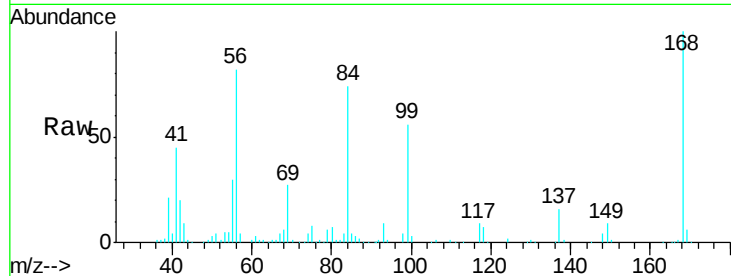
99 56.0 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

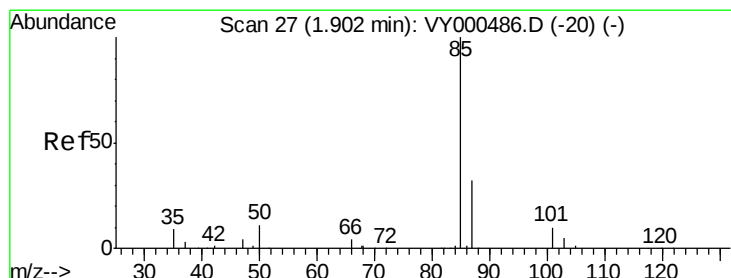
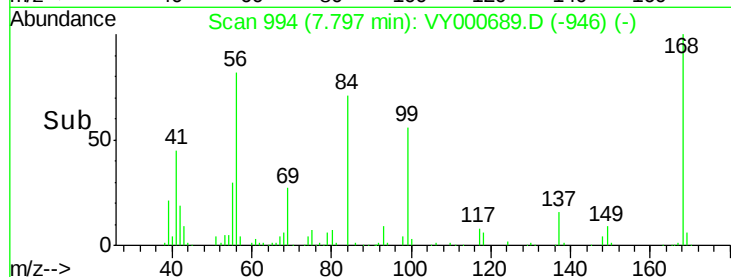
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.014 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000689.D

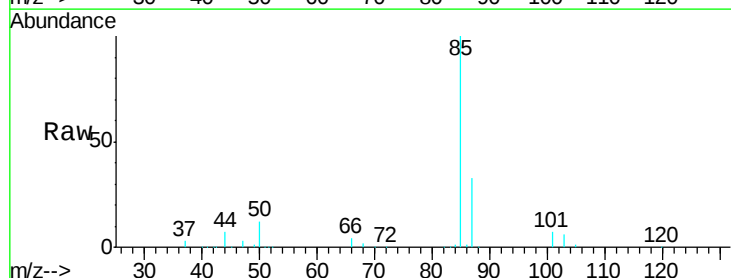
Acq: 15 Nov 2019 10:19

Tgt Ion: 85 Resp: 110229

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

80000

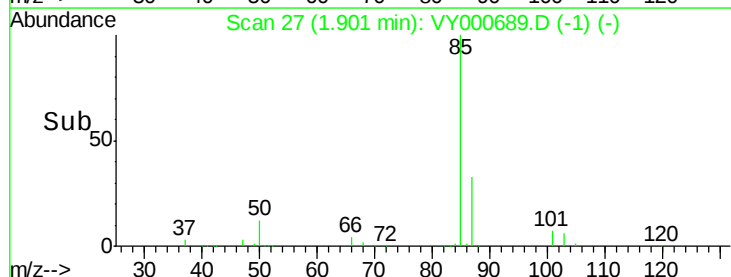
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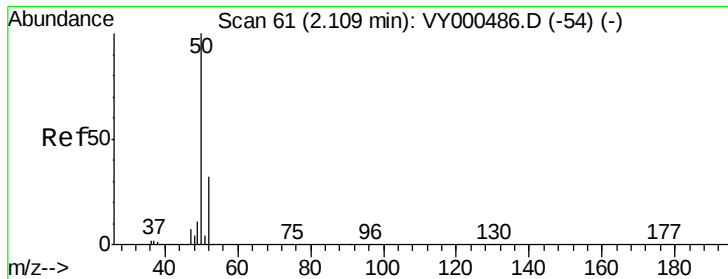
40000

20000

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Time-->





#3

Chloromethane

Concen: 50.370 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 144276

Ion Ratio Lower Upper

50 100

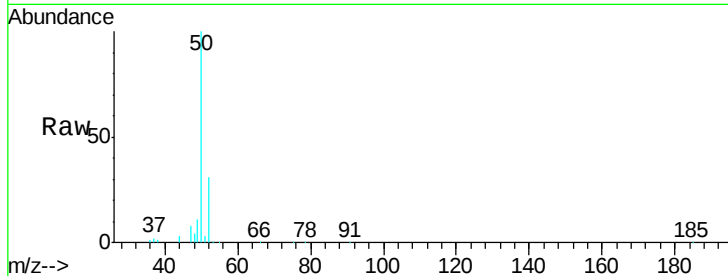
52 30.7 25.2 37.8

Manual Integrations

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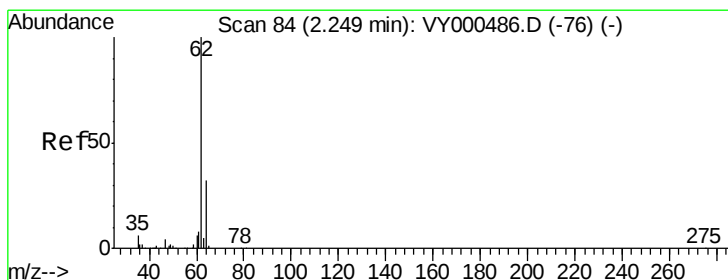
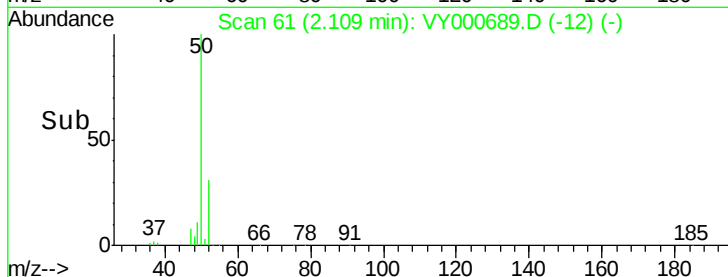
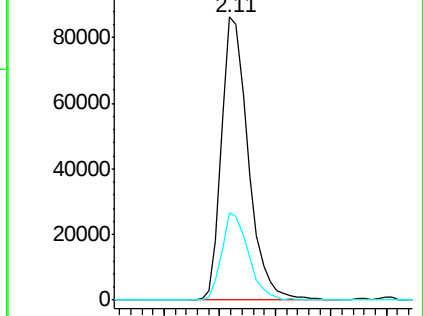
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.211 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000689.D

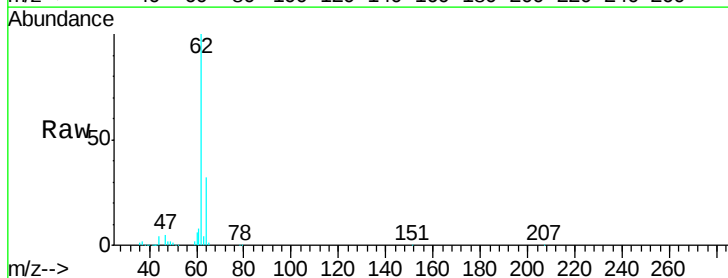
Acq: 15 Nov 2019 10:19

Tgt Ion: 62 Resp: 138873

Ion Ratio Lower Upper

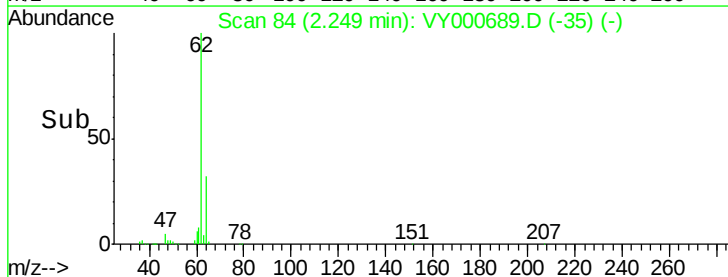
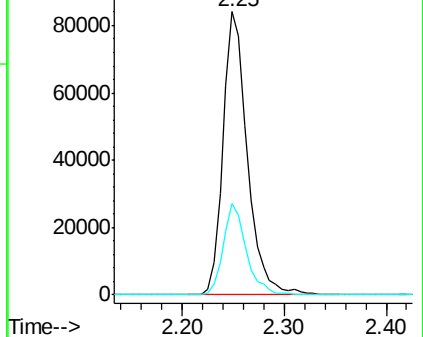
62 100

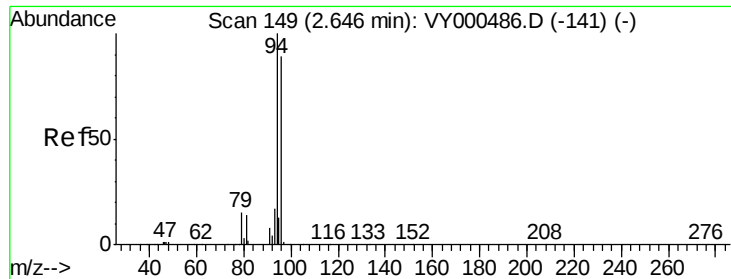
64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 71.370 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 113837

Ion Ratio Lower Upper

94 100

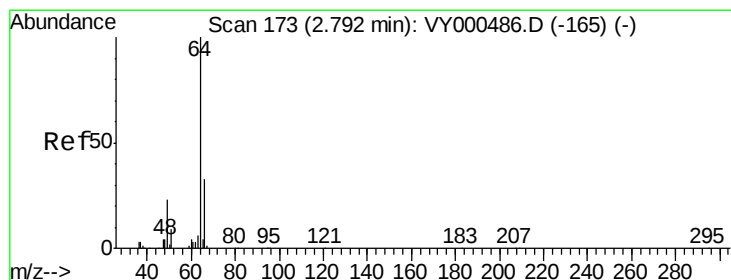
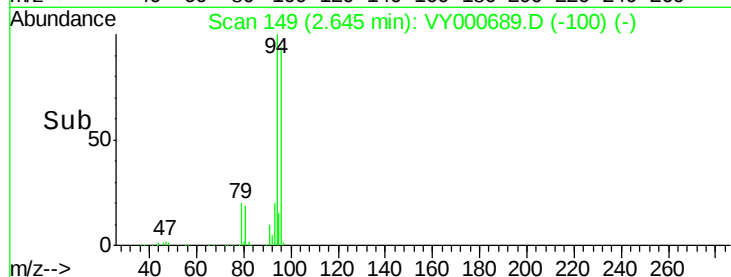
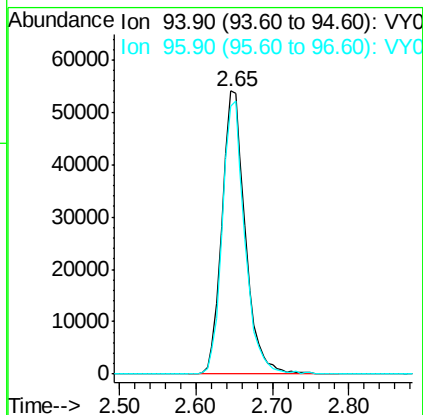
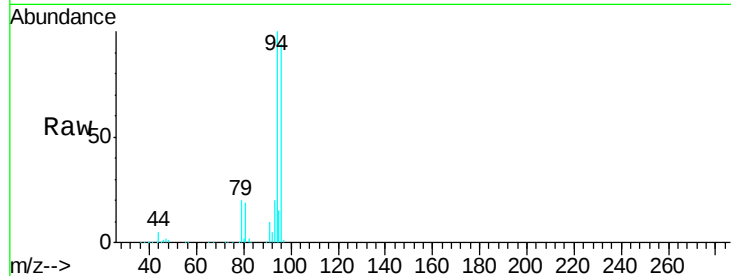
96 94.5 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 53.056 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000689.D

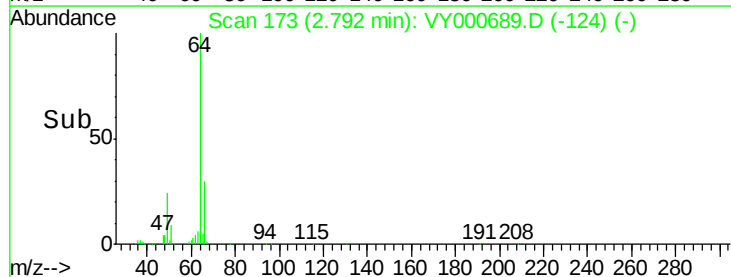
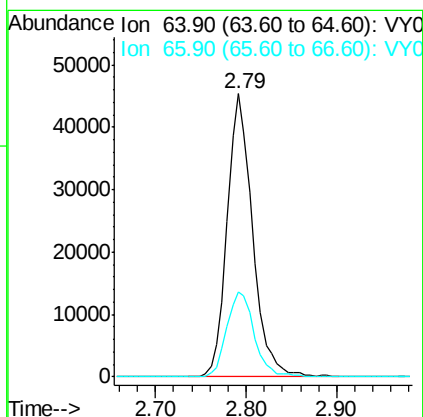
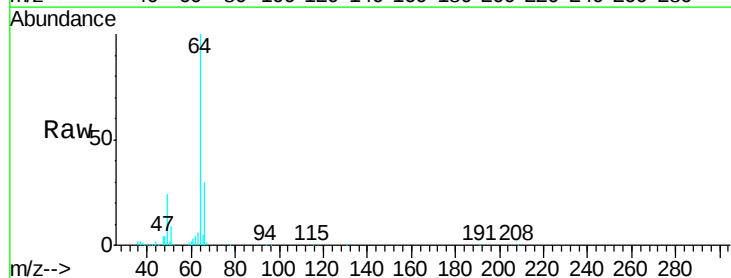
Acq: 15 Nov 2019 10:19

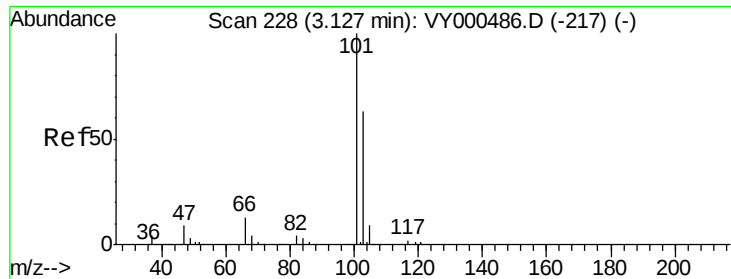
Tgt Ion: 64 Resp: 88322

Ion Ratio Lower Upper

64 100

66 30.1 26.6 40.0





#7

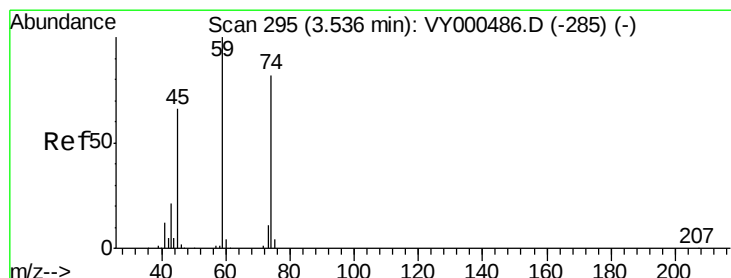
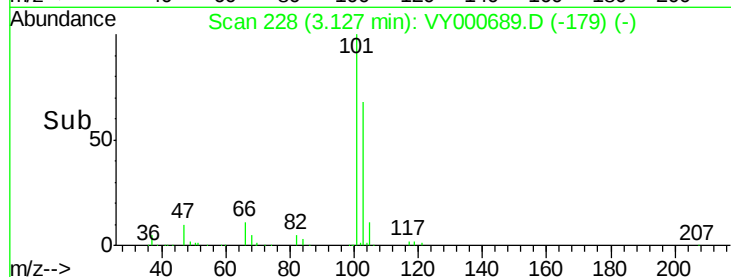
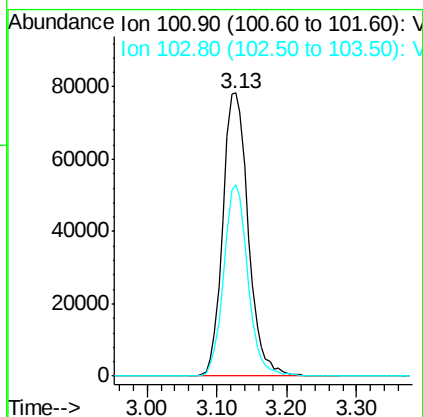
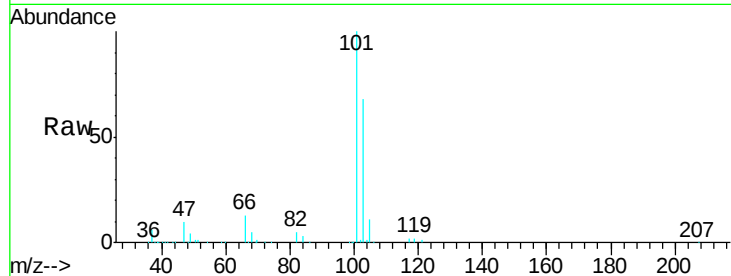
Trichlorofluoromethane
 Concen: 55.187 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	198238		
103	67.8	50.5	75.7	

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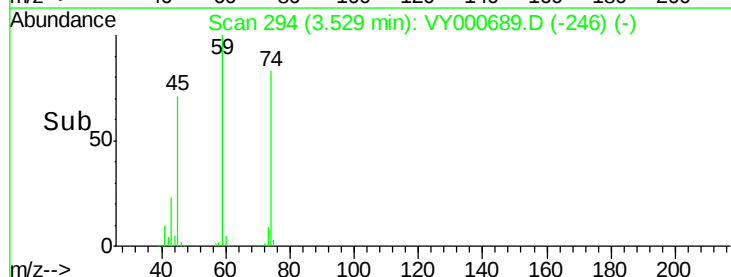
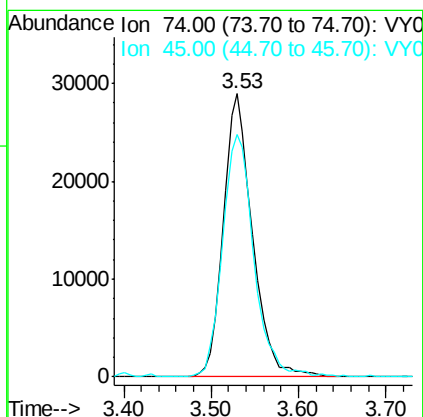
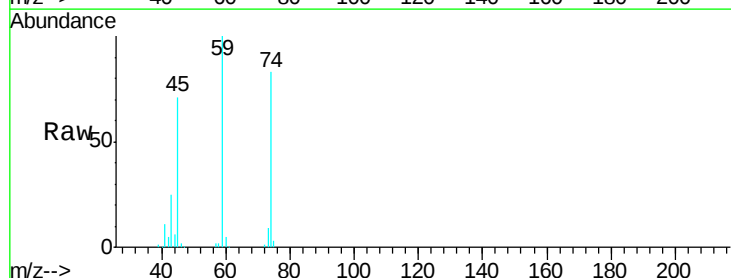
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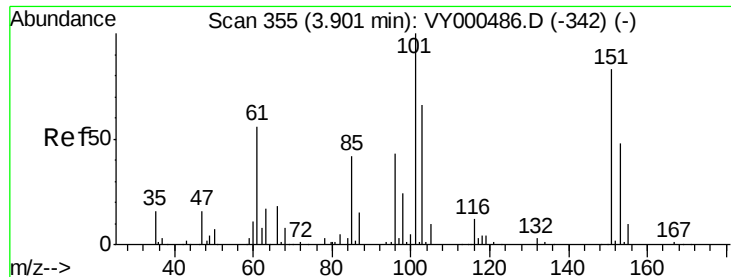


#8

Diethyl Ether
 Concen: 52.296 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66748		
45	92.6	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.619 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

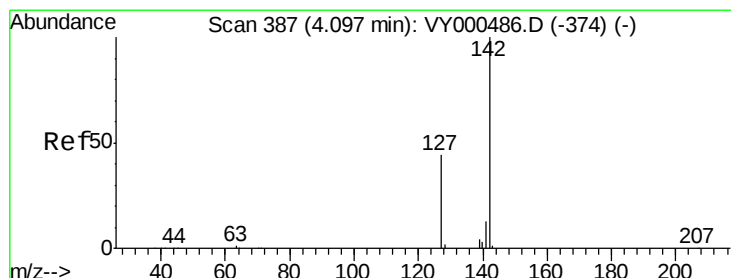
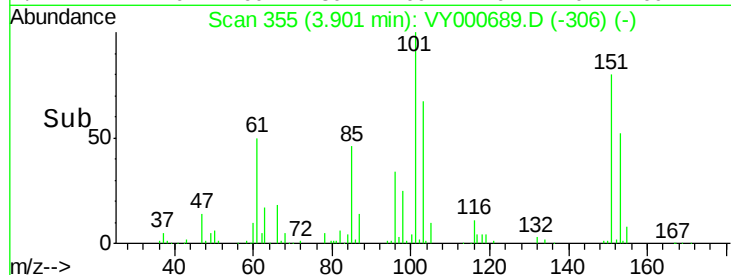
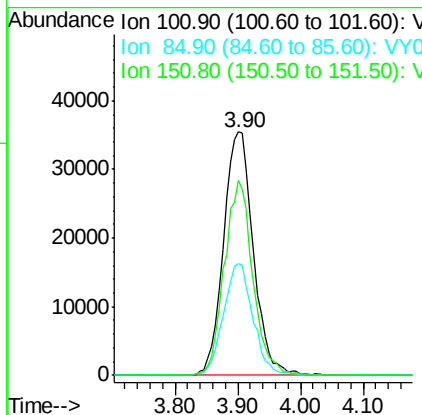
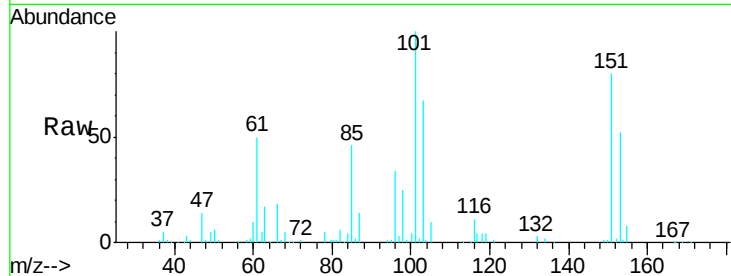
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	116442
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	76.5	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 28.579 ug/l

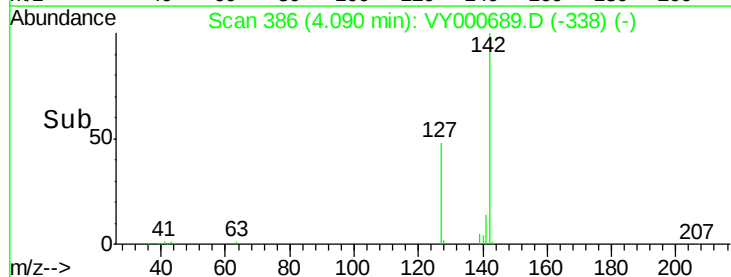
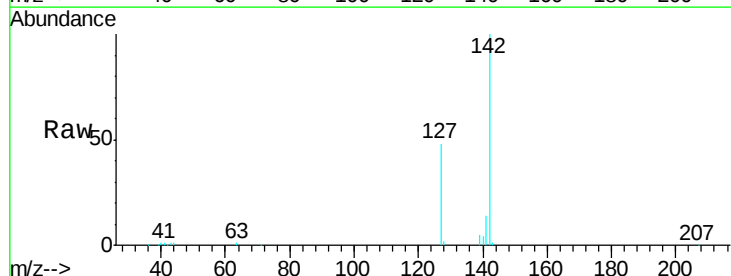
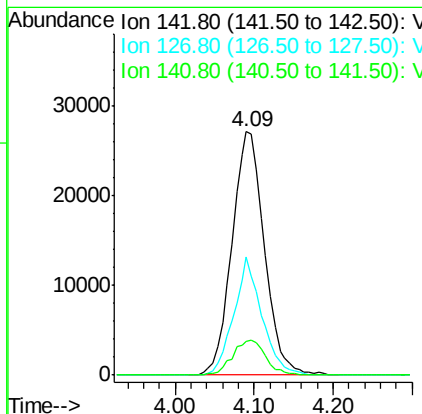
RT: 4.09 min Scan# 386

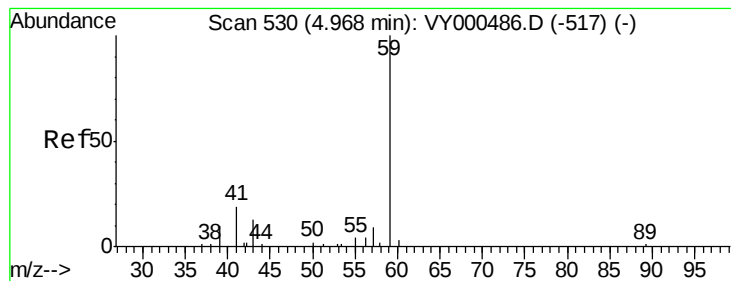
Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	142	Resp:	77505
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.7	10.9	16.3





#11

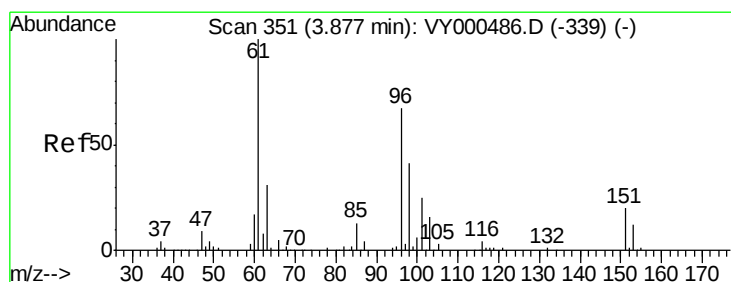
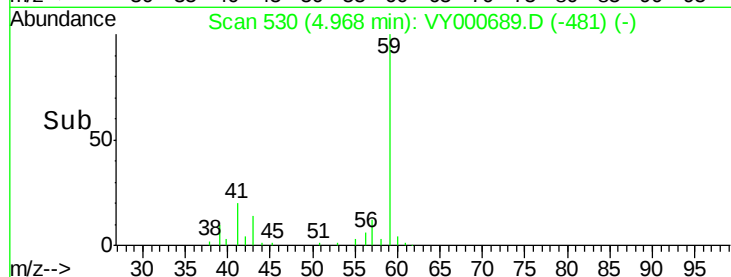
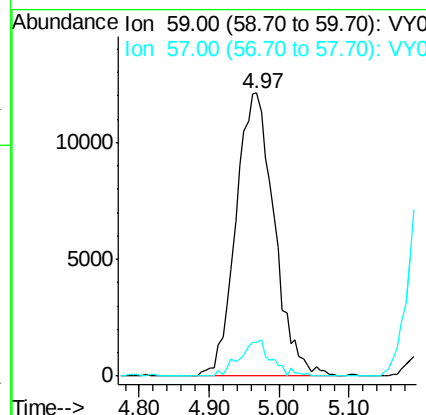
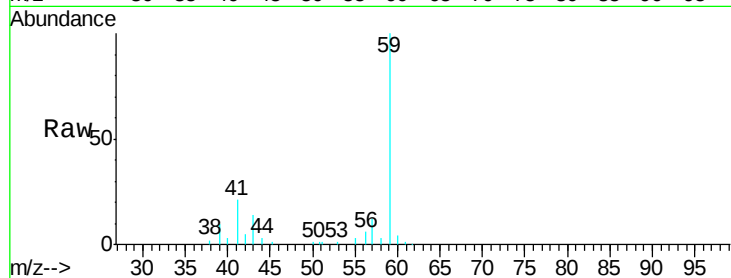
Tert butyl alcohol
Concen: 216.321 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

Manual Integrations
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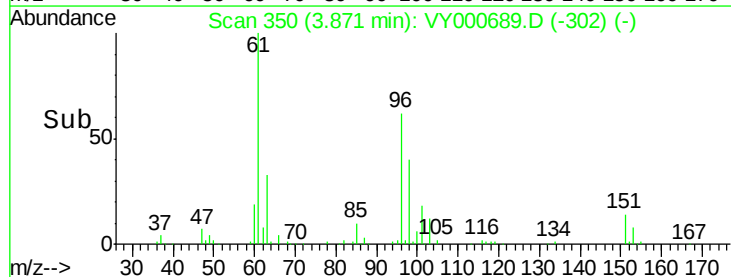
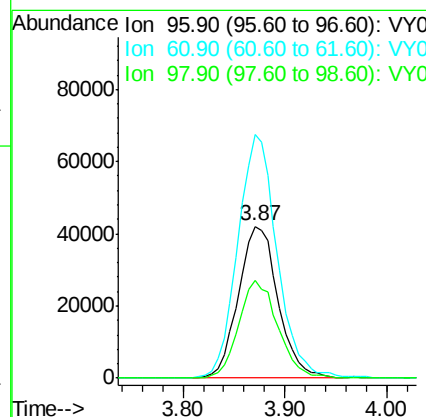
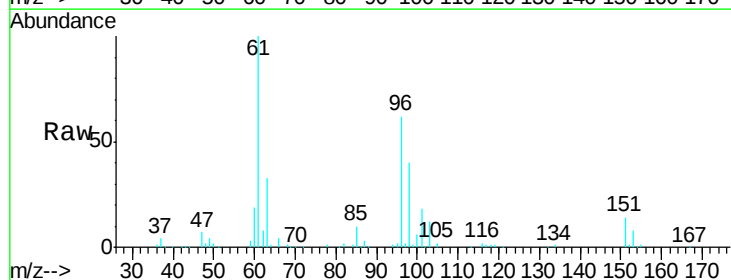
MMDadoda
11/18/2019 3:24:10 PM

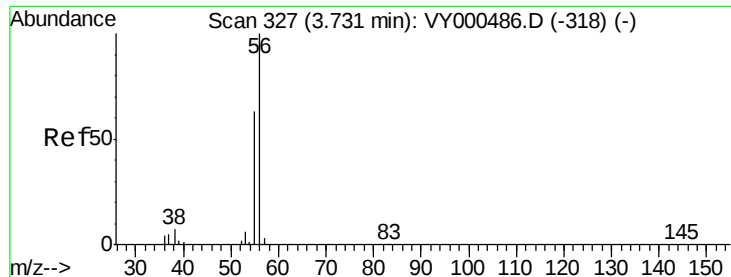


#12

1,1-Dichloroethene
Concen: 53.852 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	119.2	178.8
98	64.8	48.6	73.0





#13

Acrolein

Concen: 186.701 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 34604

Ion Ratio Lower Upper

56 100

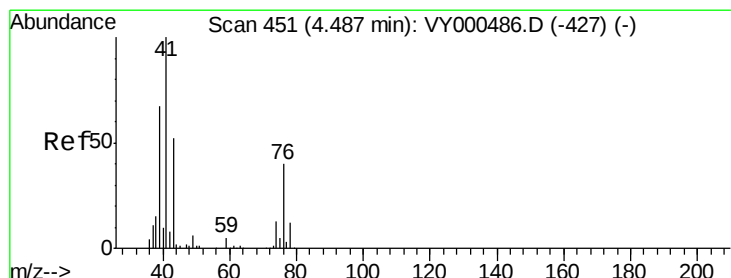
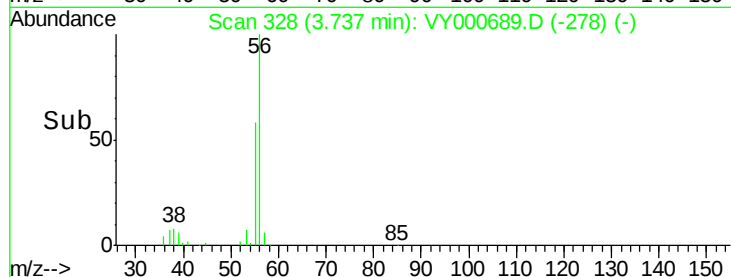
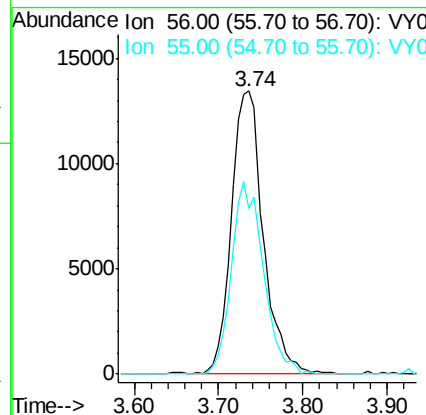
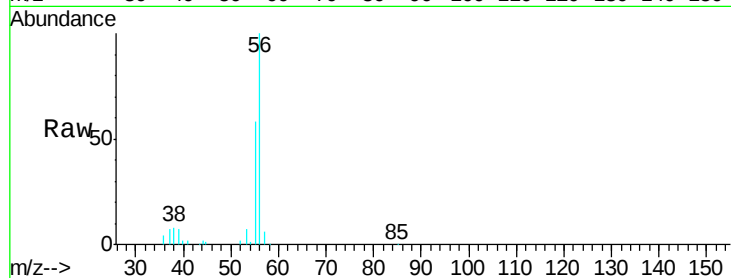
55 67.7 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 55.438 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

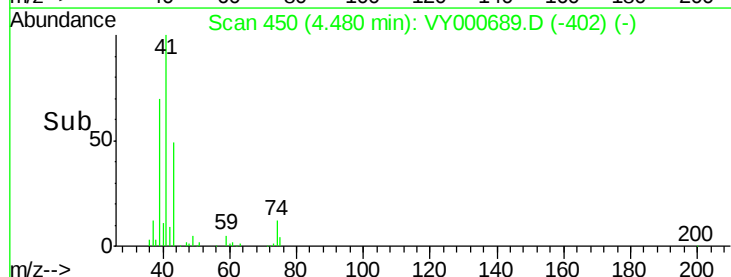
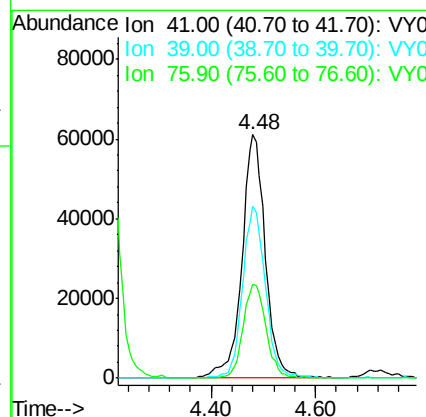
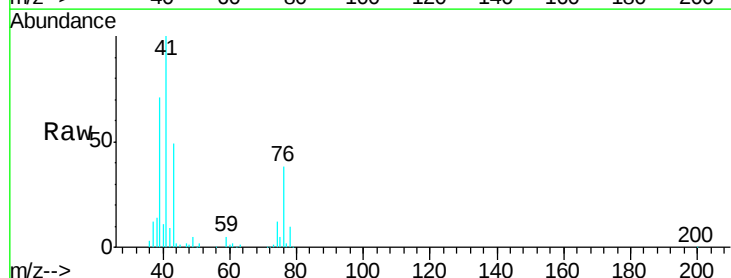
Tgt Ion: 41 Resp: 190194

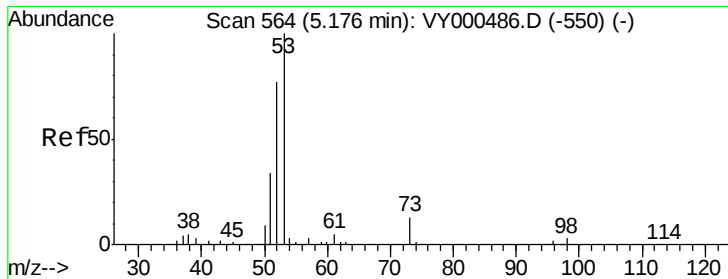
Ion Ratio Lower Upper

41 100

39 68.9 53.6 80.4

76 37.7 29.8 44.6





#15

Acrylonitrile

Concen: 247.959 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

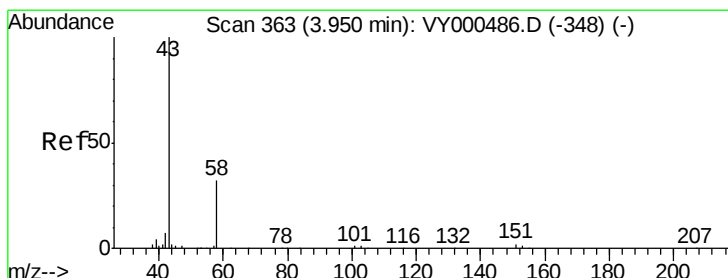
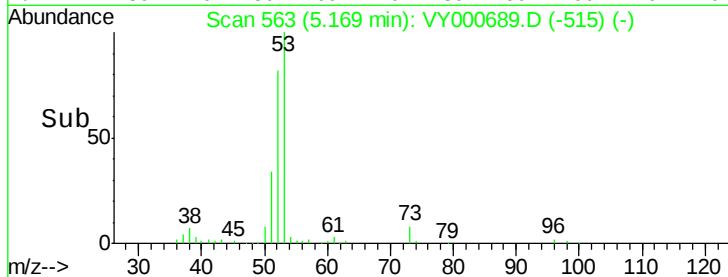
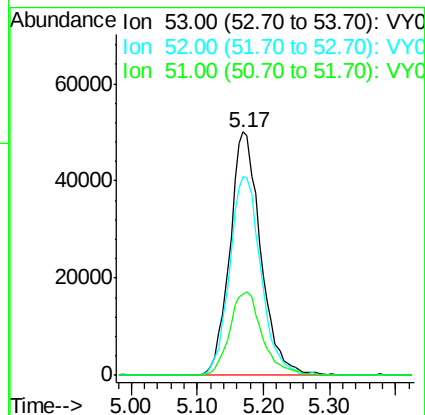
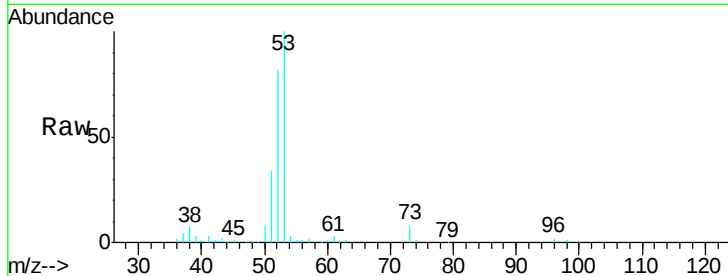
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	162124
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.9	97.3
51	36.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 358.052 ug/l

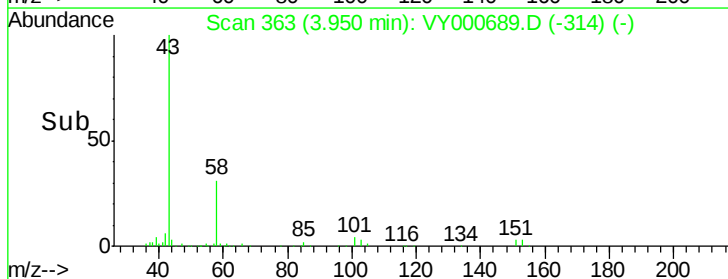
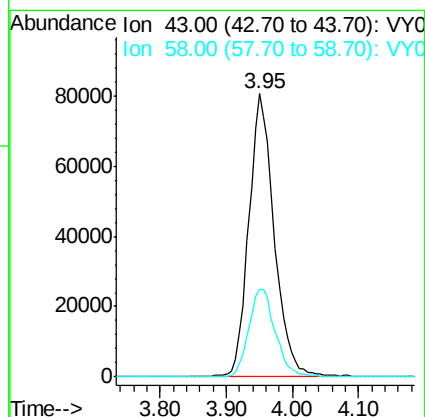
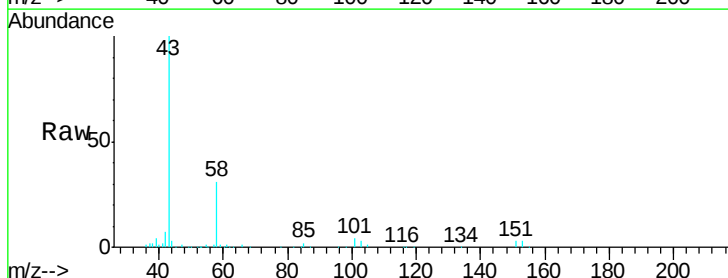
RT: 3.95 min Scan# 363

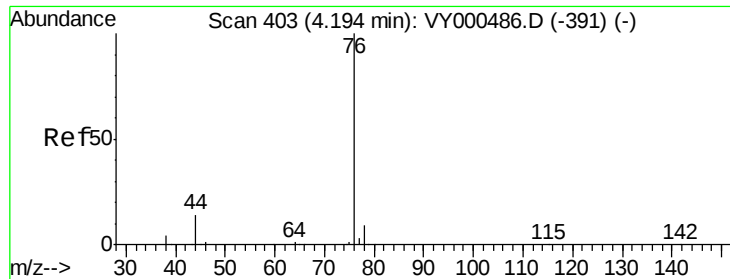
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	43	Resp:	215709
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6





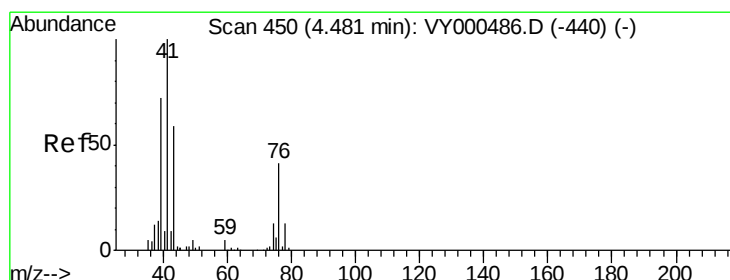
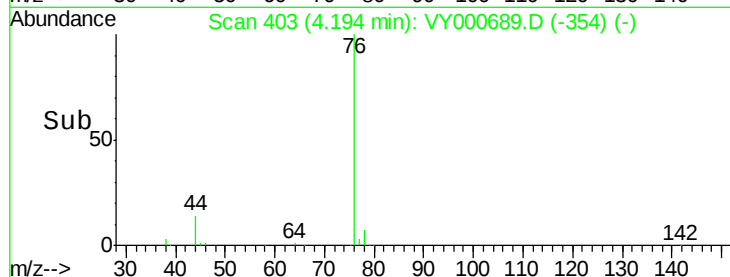
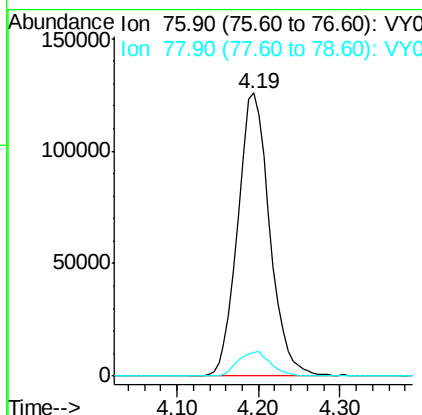
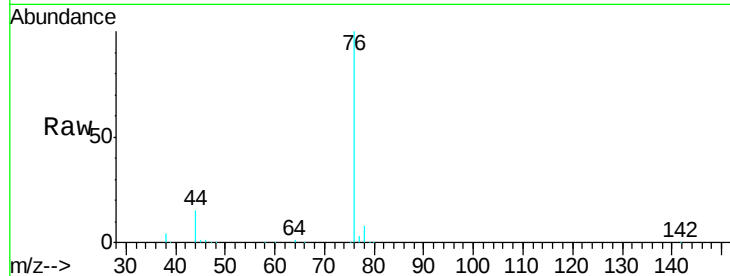
#17
Carbon Disulfide
Concen: 51.344 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 341674
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

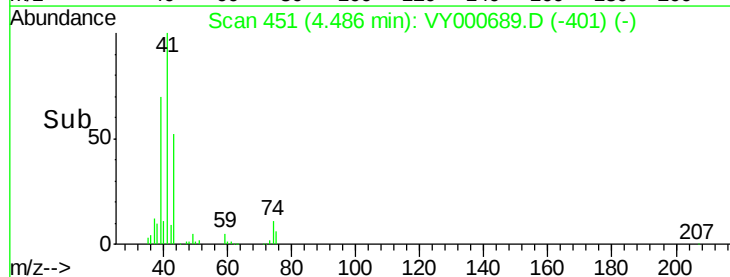
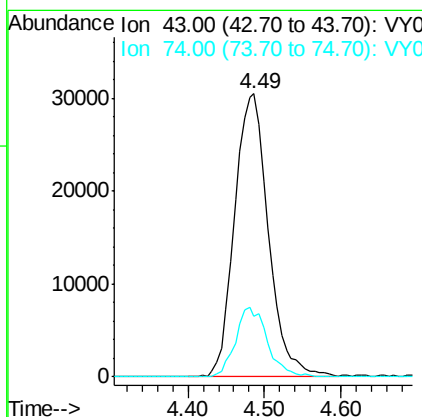
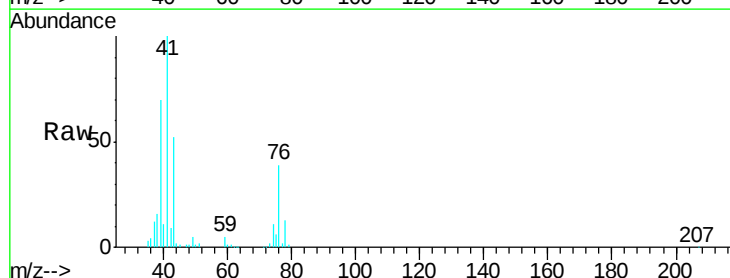
Manual Integrations
APPROVED

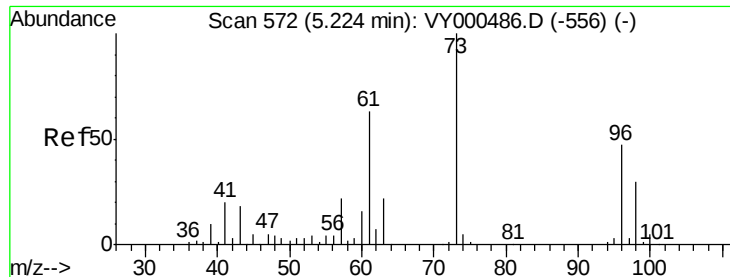
MMDadoda
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#18
Methyl Acetate
Concen: 49.897 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 43 Resp: 93468
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8





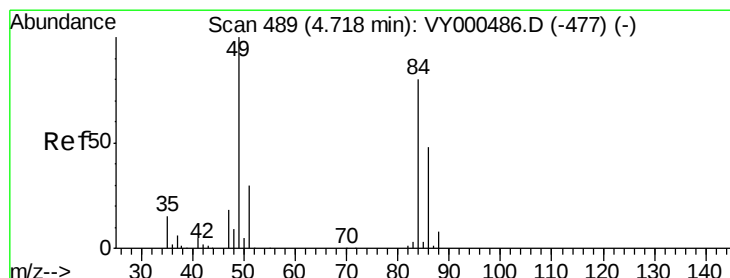
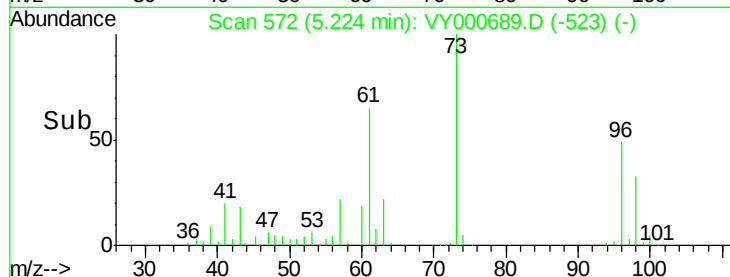
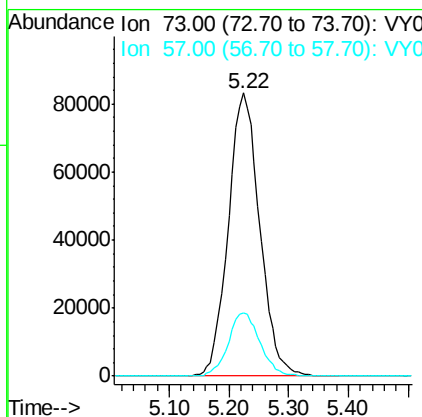
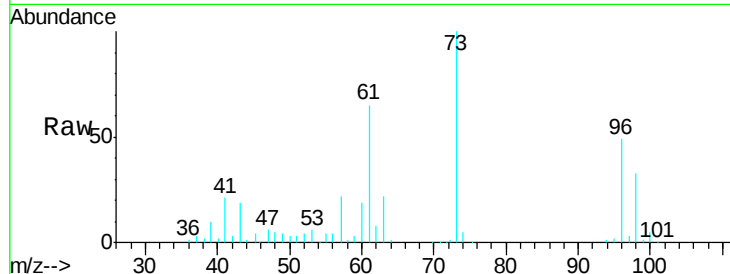
#19
Methyl tert-butyl Ether
Concen: 51.992 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 304999
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

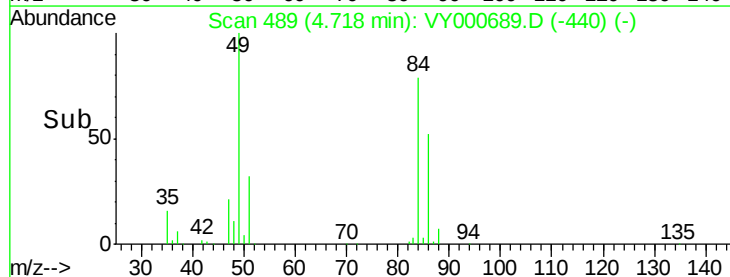
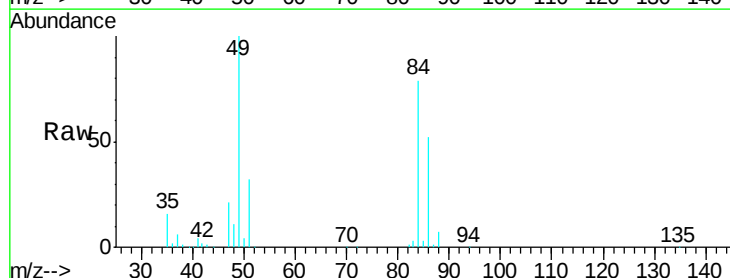
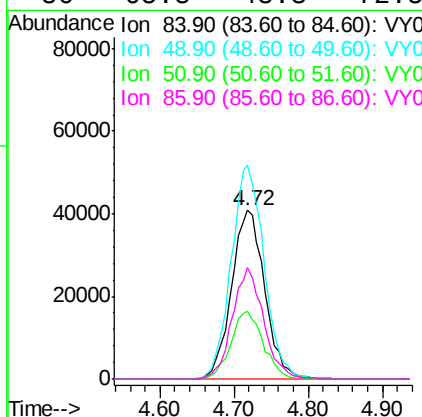
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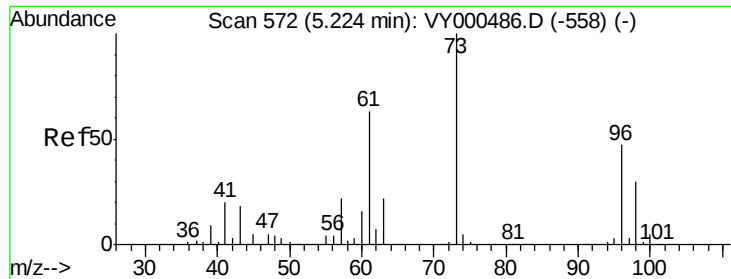
MMDadoda
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#20
Methylene Chloride
Concen: 49.276 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 84 Resp: 127204
Ion Ratio Lower Upper
84 100
49 126.6 100.2 150.4
51 40.1 29.6 44.4
86 65.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.809 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

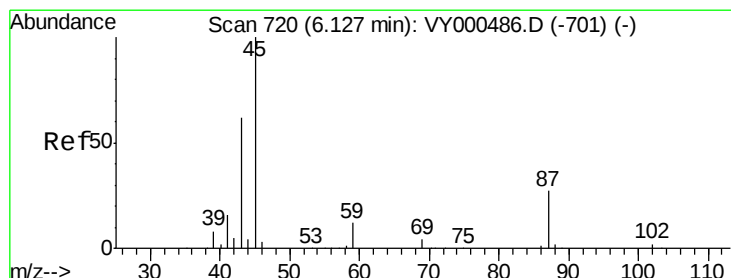
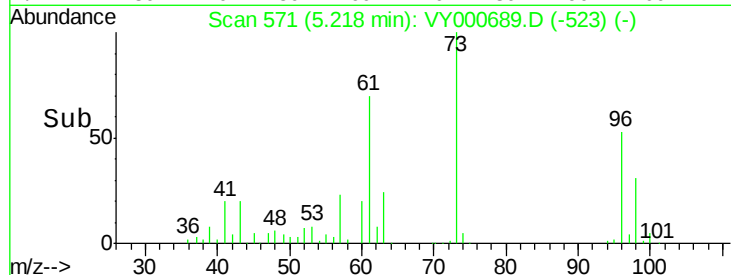
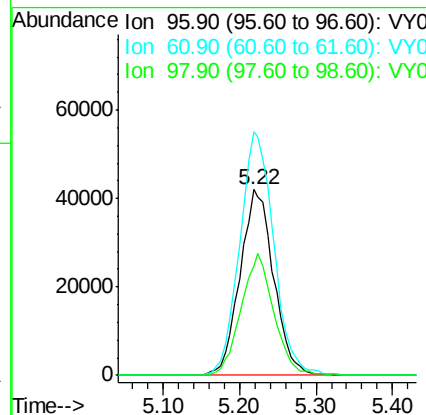
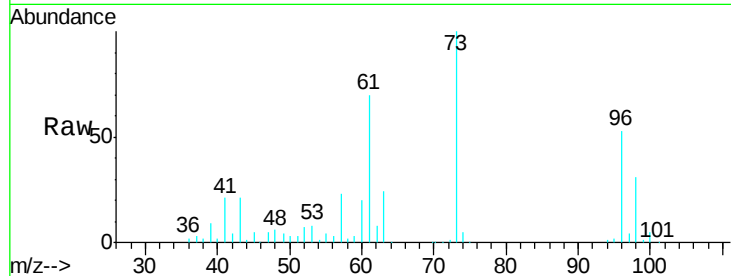
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	128349
Ion	Ratio	Lower	Upper
96	100		
61	131.3	106.6	160.0
98	58.7	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.123 ug/l

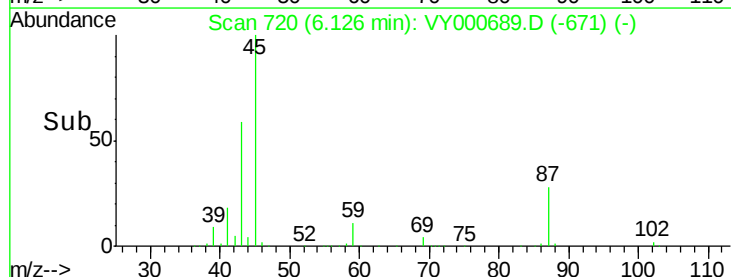
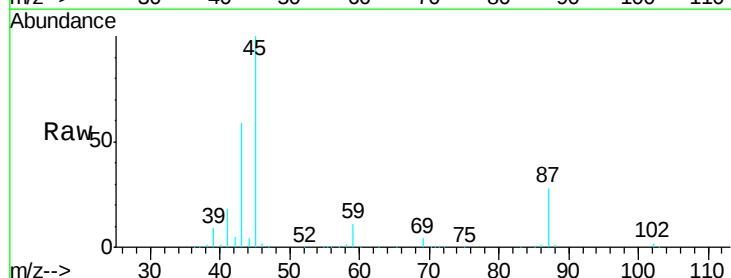
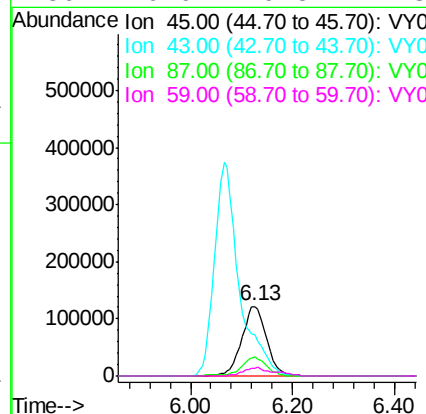
RT: 6.13 min Scan# 720

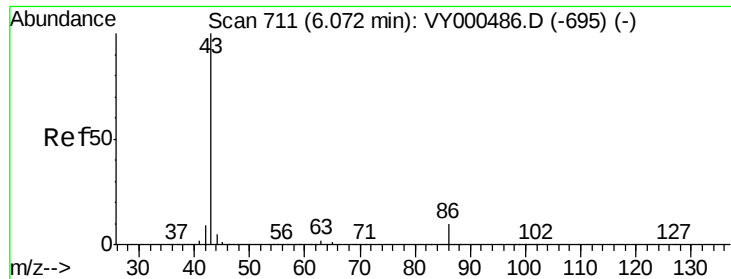
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	45	Resp:	411050
Ion	Ratio	Lower	Upper
45	100		
43	58.8	50.0	75.0
87	27.8	21.6	32.4
59	10.9	9.5	14.3





#23

Vinyl Acetate

Concen: 268.407 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1263451

Ion Ratio Lower Upper

43 100

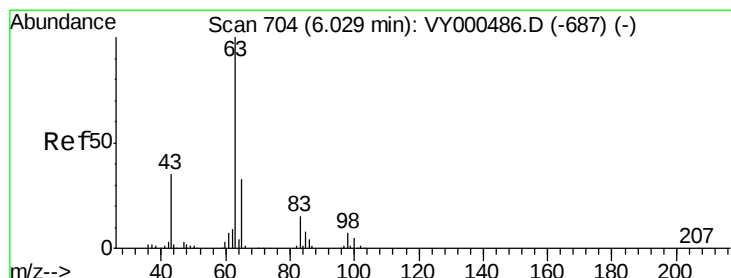
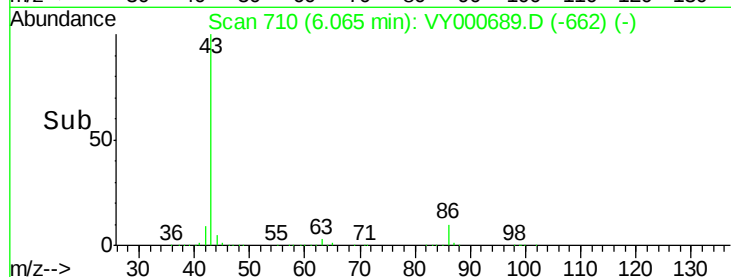
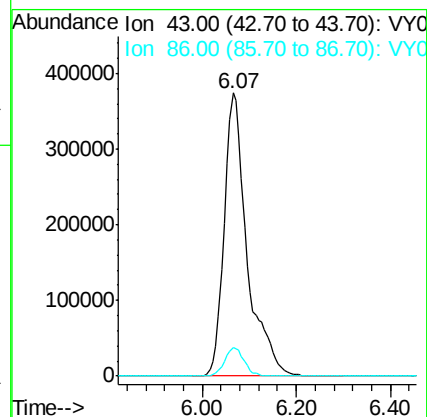
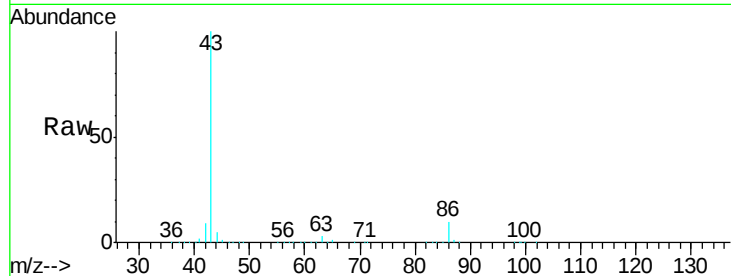
86 10.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.045 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

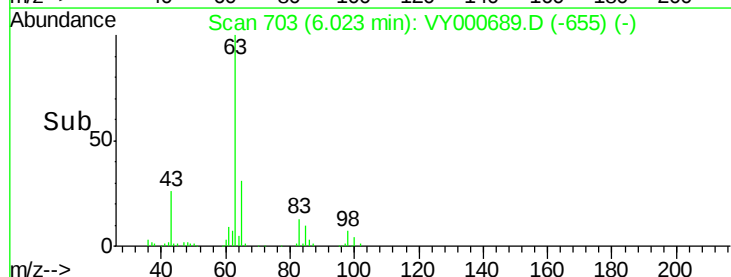
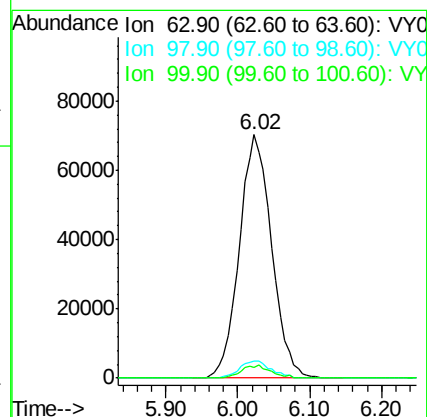
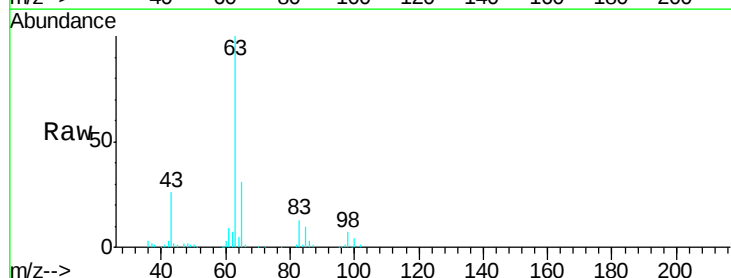
Tgt Ion: 63 Resp: 218328

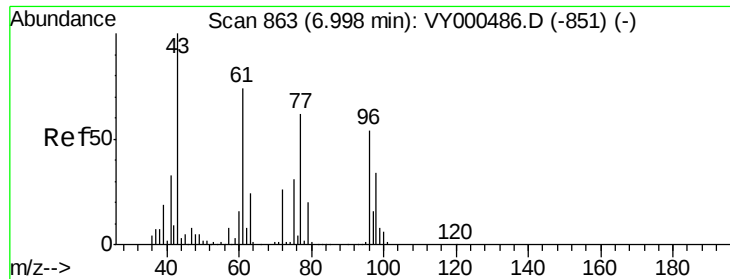
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 285.935 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 274919

Ion Ratio Lower Upper

43 100

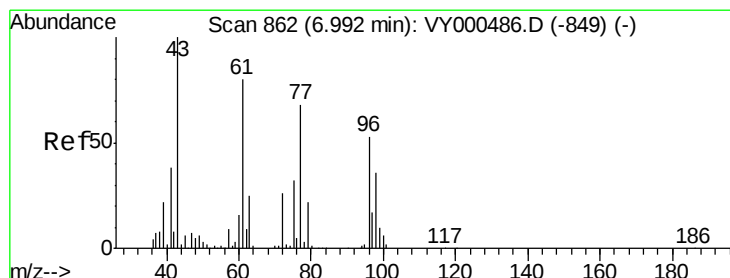
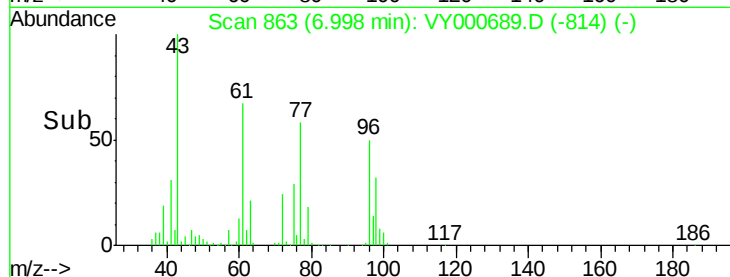
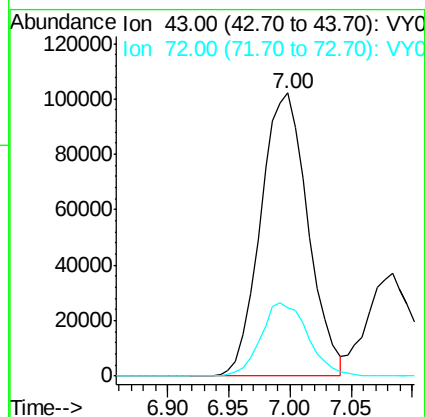
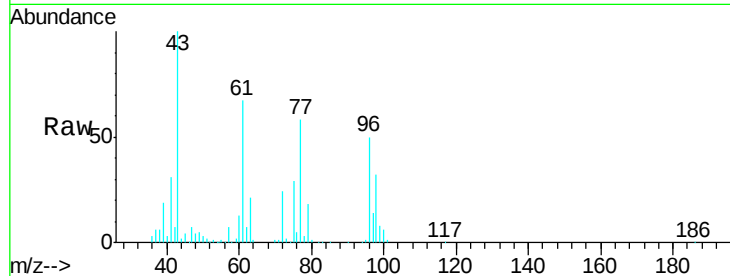
72 24.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.234 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000689.D

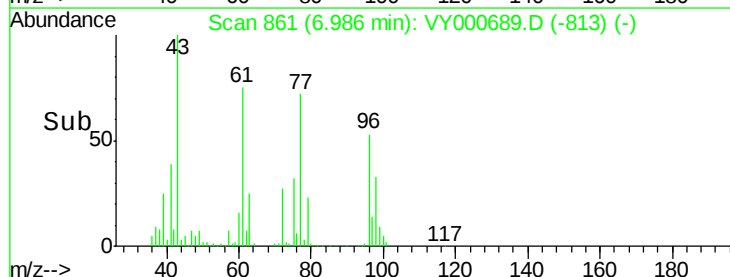
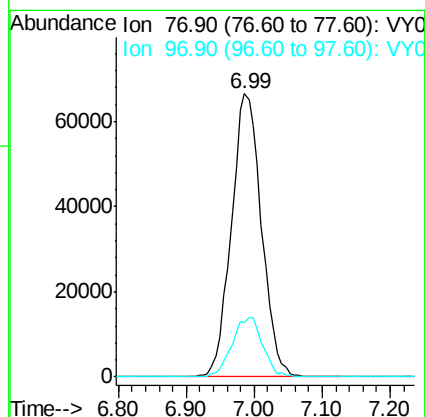
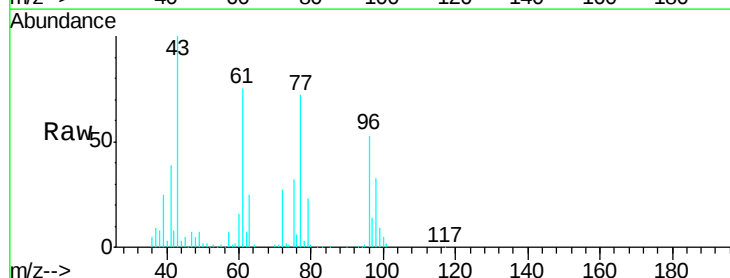
Acq: 15 Nov 2019 10:19

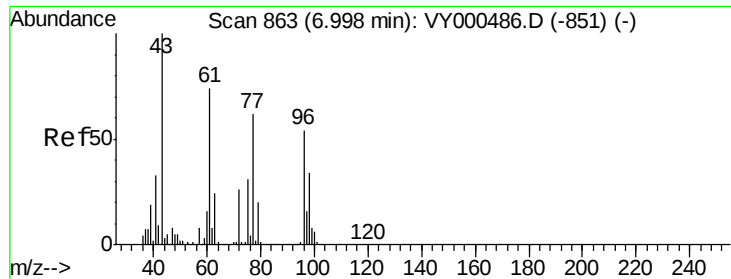
Tgt Ion: 77 Resp: 203912

Ion Ratio Lower Upper

77 100

97 21.3 11.8 35.4





#27

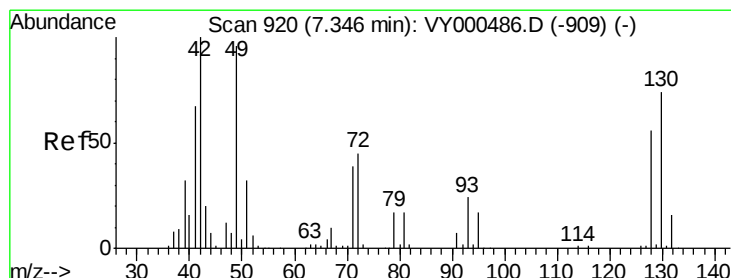
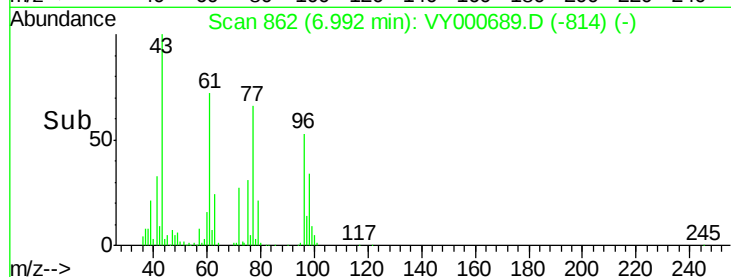
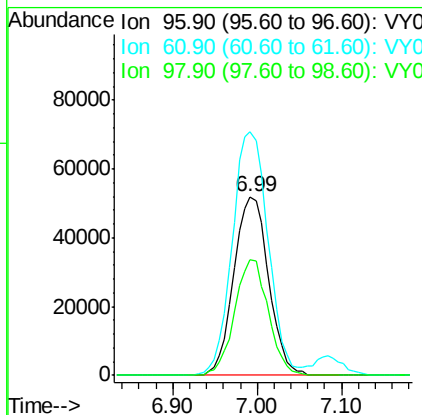
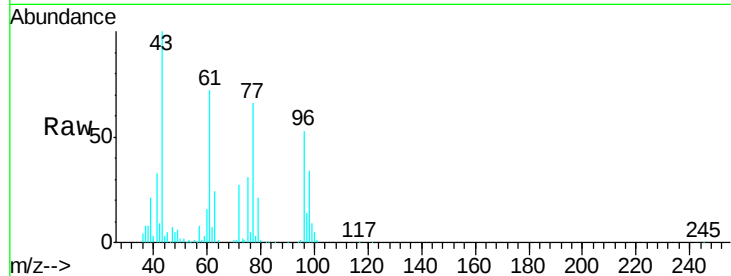
cis-1,2-Dichloroethene
Concen: 55.698 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	145272		
61	140.4	0.0	287.0	
98	62.5	0.0	129.4	

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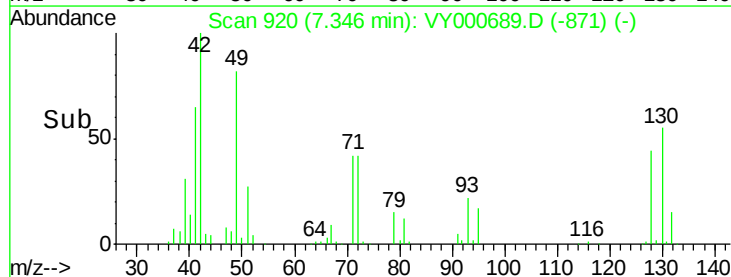
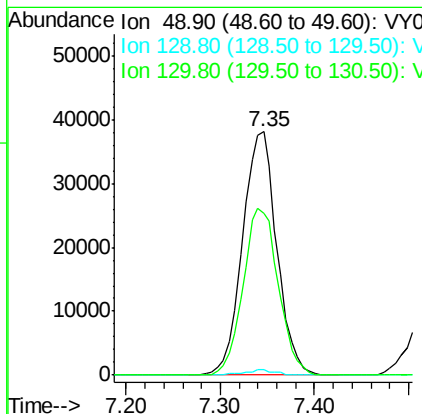
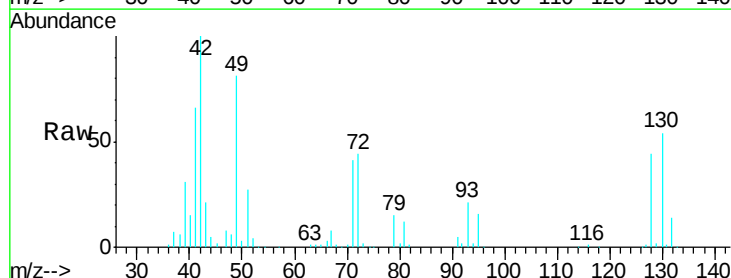
MMDadoda
11/18/2019 3:24:10 PM

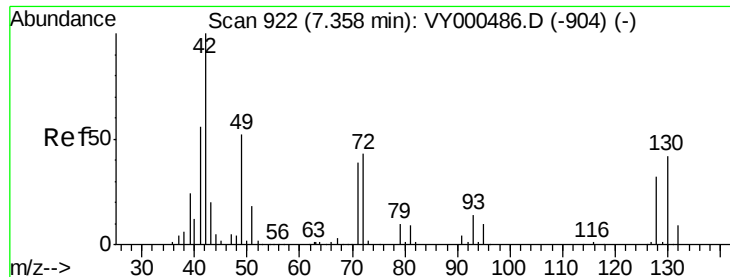


#28

Bromochloromethane
Concen: 52.421 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96978		
129	1.9	0.0	3.6	
130	70.7	59.4	89.0	





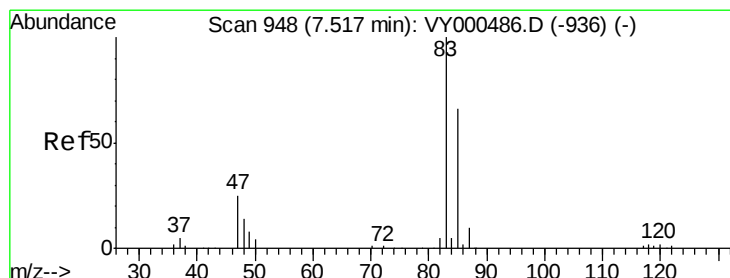
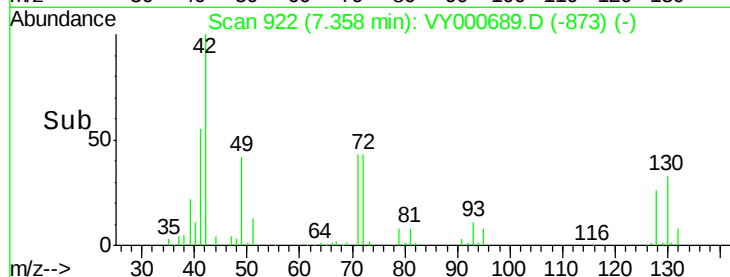
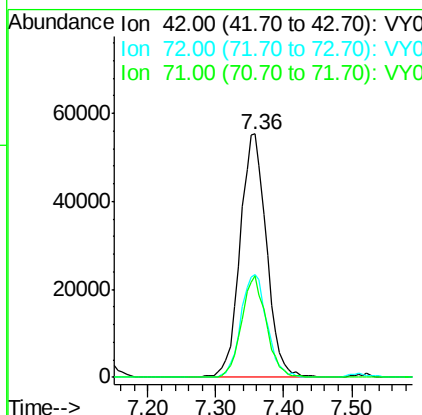
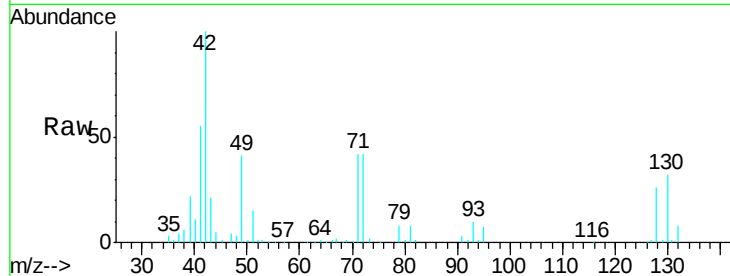
#29
Tetrahydrofuran
Concen: 253.809 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.0	51.0
71	38.8	30.8	46.2

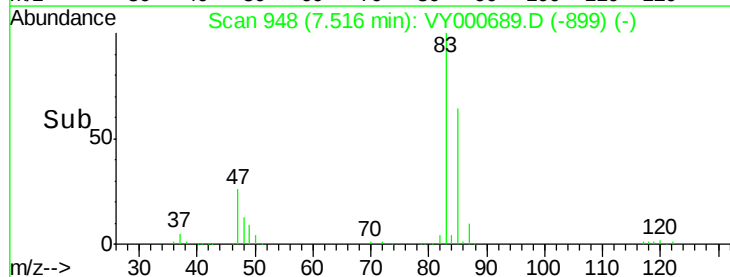
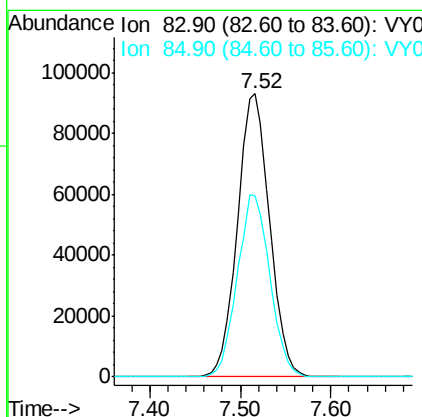
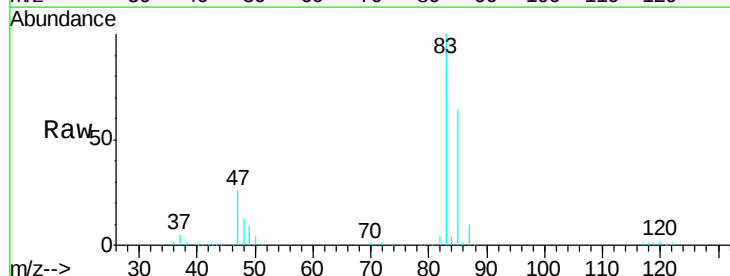
Manual Integrations
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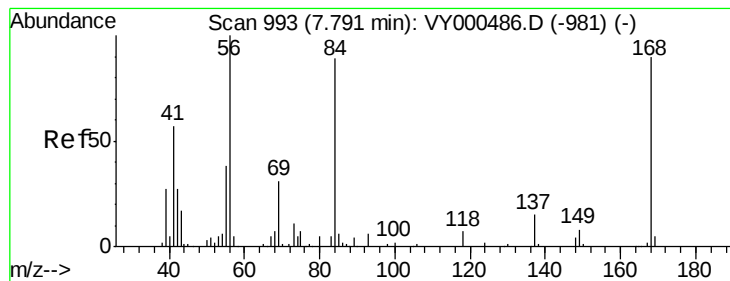
MMDadoda
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#30
Chloroform
Concen: 56.075 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.0	79.4





#31

Cyclohexane

Concen: 51.638 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 218487
Ion Ratio Lower Upper

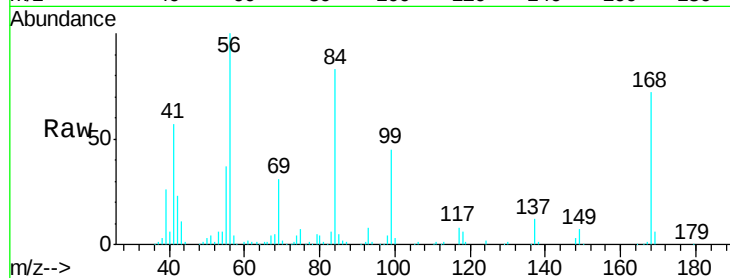
56 100

69 30.6 25.0 37.6

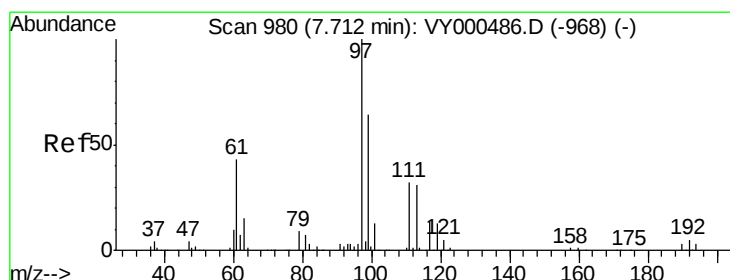
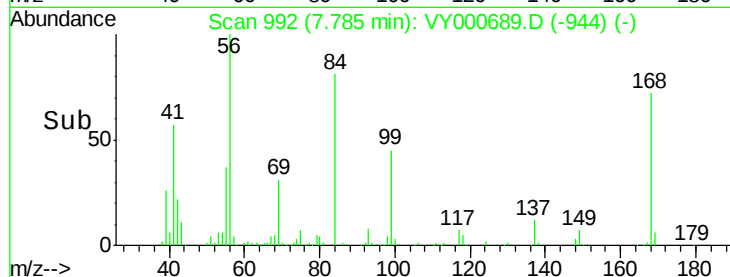
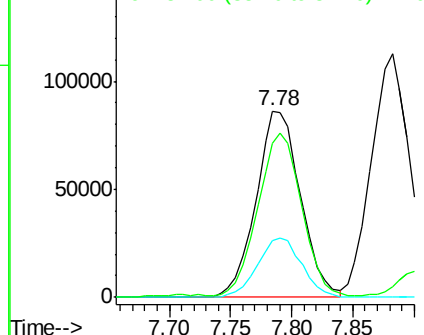
84 81.8 71.4 107.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 56.068 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000689.D

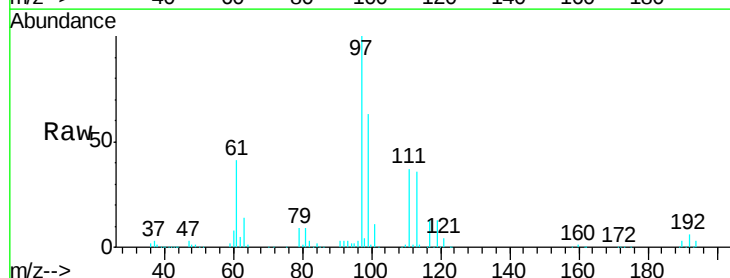
Acq: 15 Nov 2019 10:19

Tgt Ion: 97 Resp: 204208
Ion Ratio Lower Upper

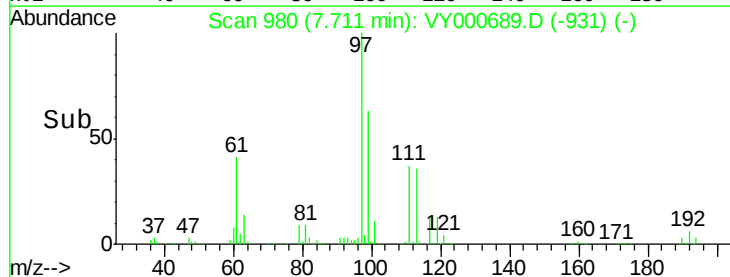
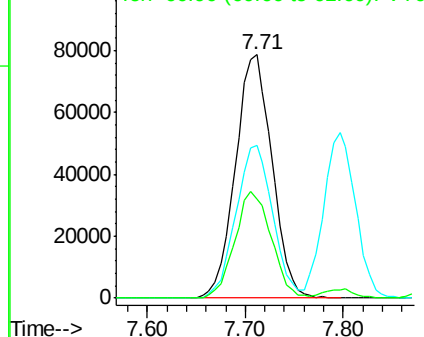
97 100

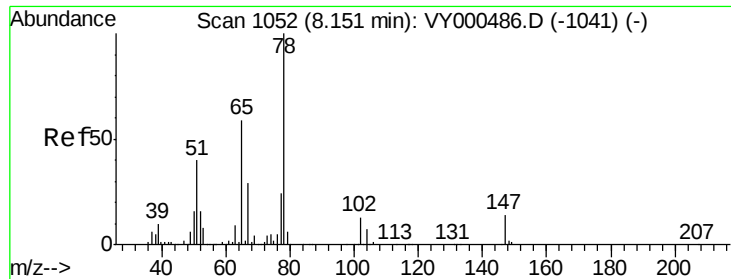
99 62.9 50.9 76.3

61 43.7 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 53.000 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 115852

Ion Ratio Lower Upper

65 100

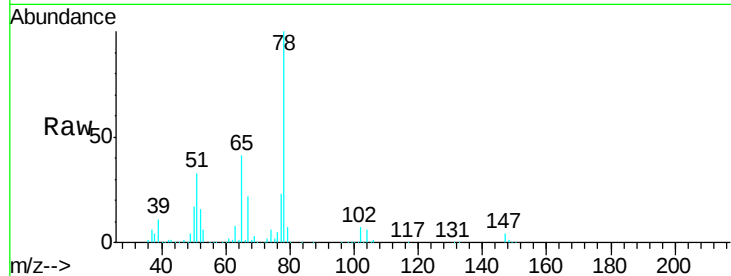
67 52.7 0.0 107.2

Manual Integrations

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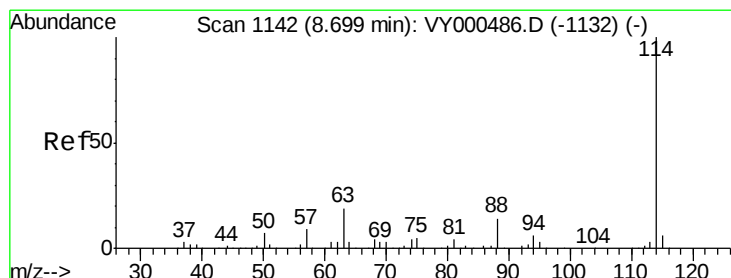
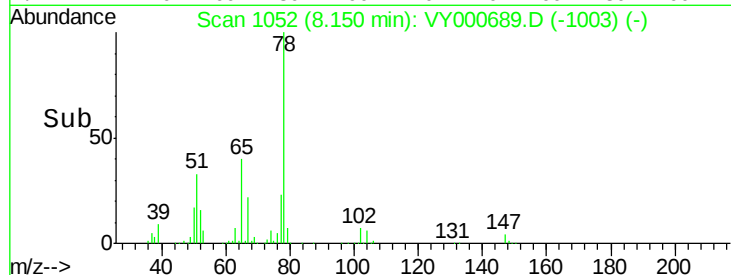
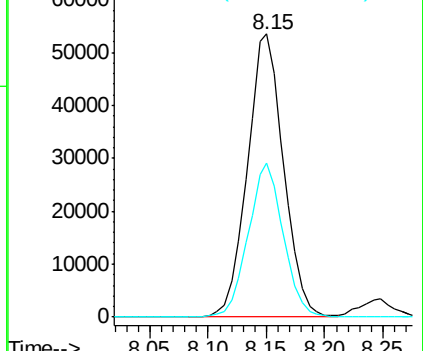
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

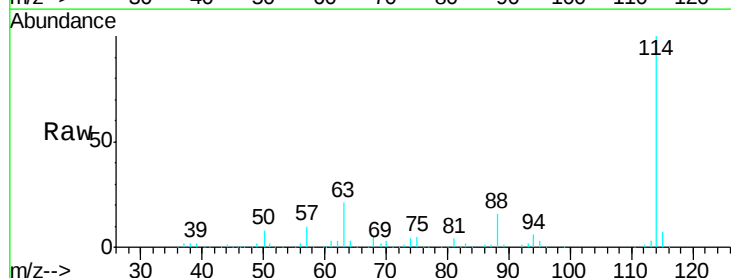
Tgt Ion: 114 Resp: 349724

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

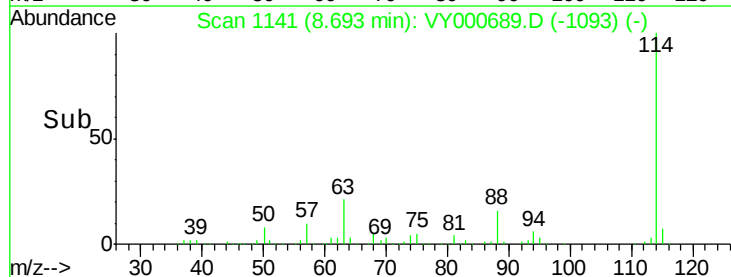
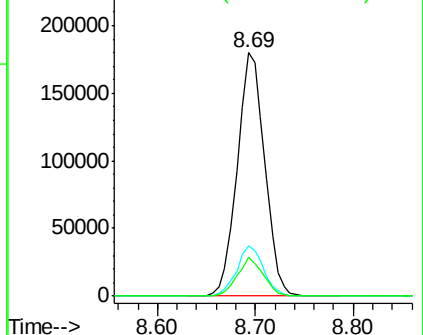
88 16.0 0.0 28.6

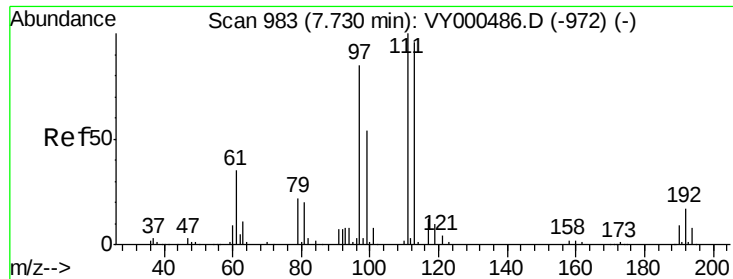


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





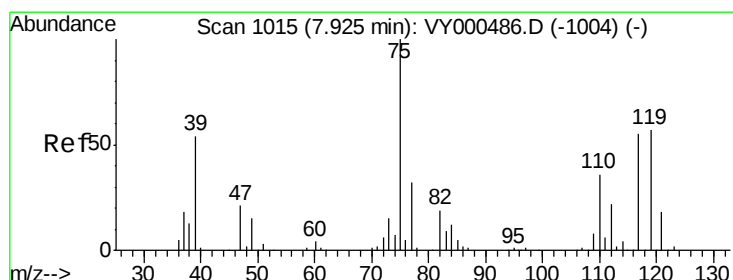
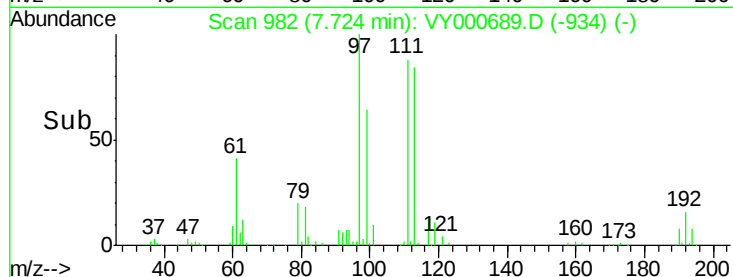
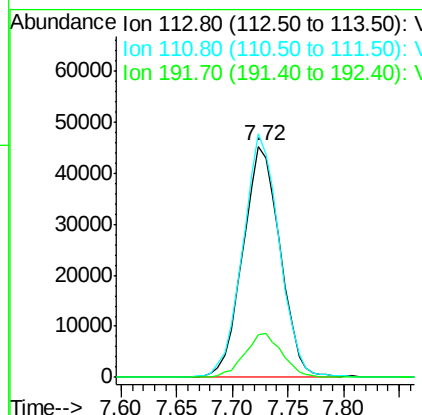
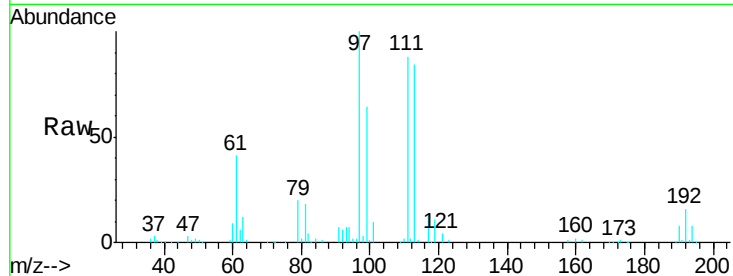
#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	105624		
111	103.5	81.7	122.5	
192	19.1	15.0	22.4	

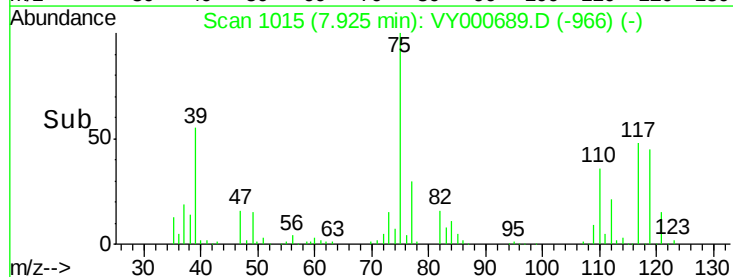
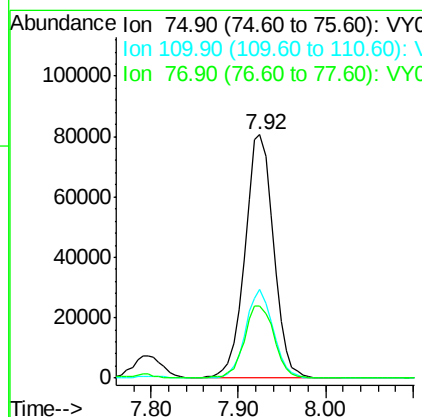
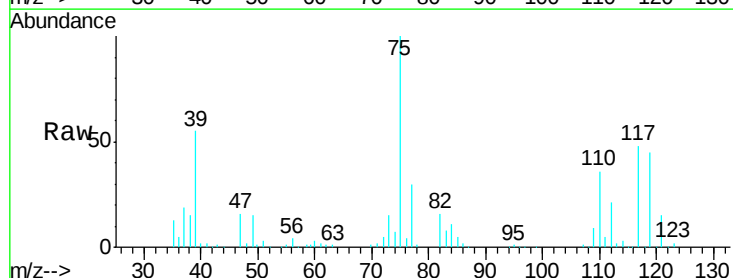
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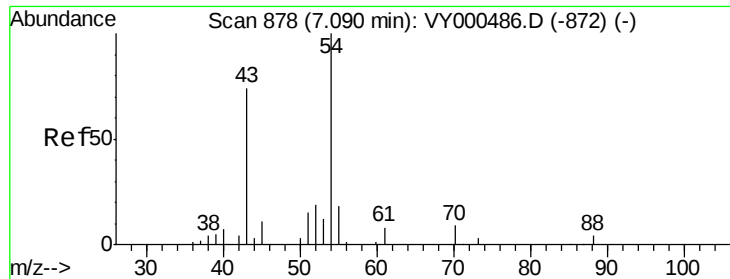
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#36
1,1-Dichloropropene
Concen: 55.292 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182803		
110	34.8	18.1	54.1	
77	31.3	25.0	37.6	





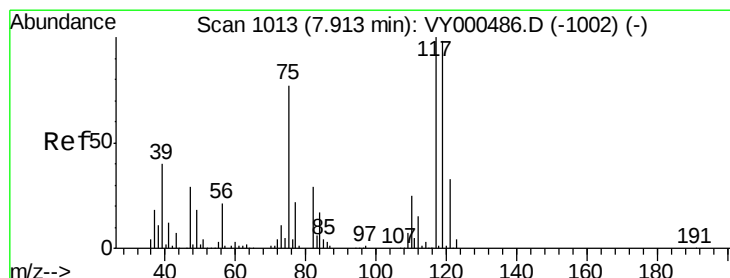
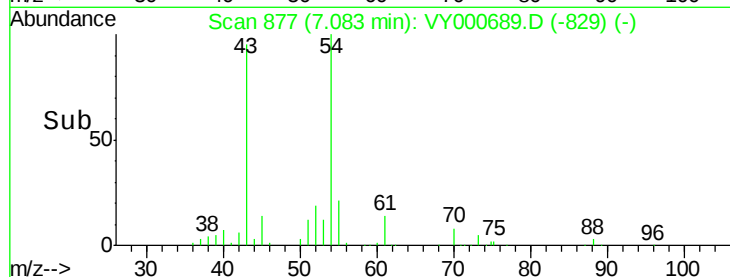
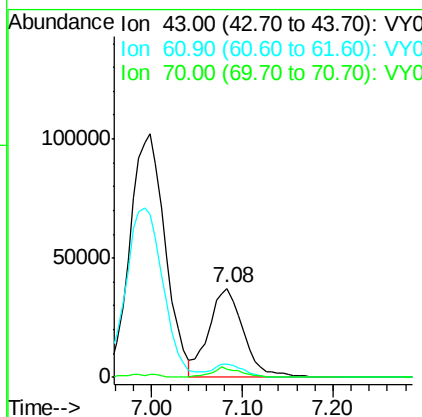
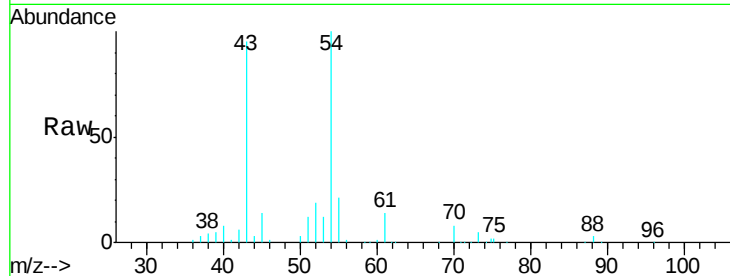
#37
Ethyl Acetate
Concen: 50.555 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 99232
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.2
70 9.5 7.8 11.8

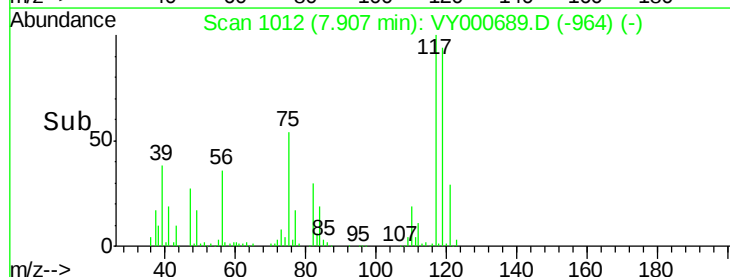
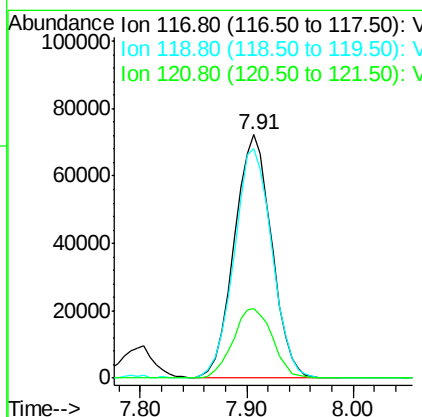
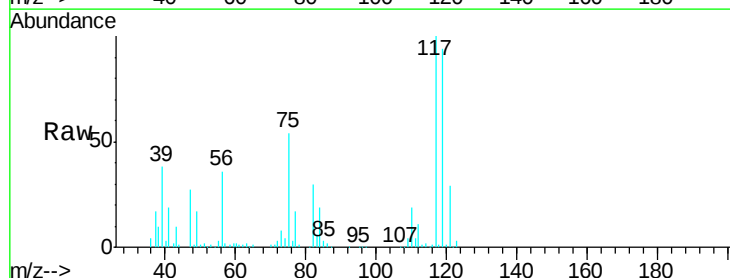
Manual Integrations
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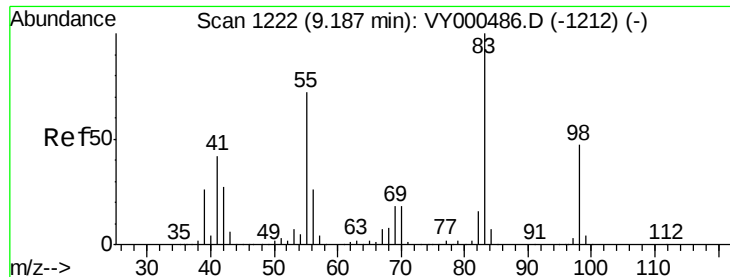
MMDadoda
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#38
Carbon Tetrachloride
Concen: 55.983 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 117 Resp: 178096
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 28.7 26.6 40.0





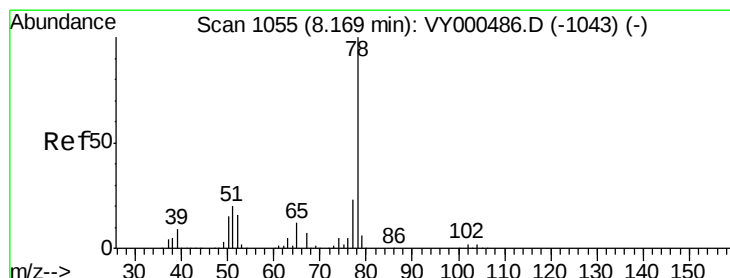
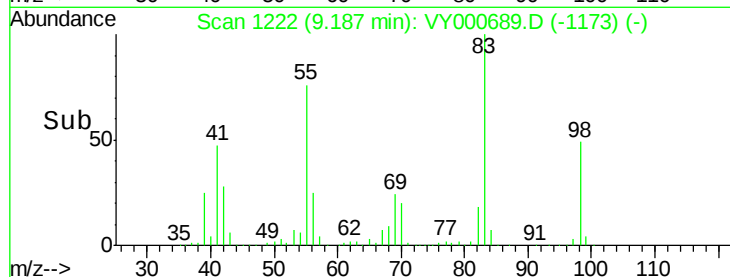
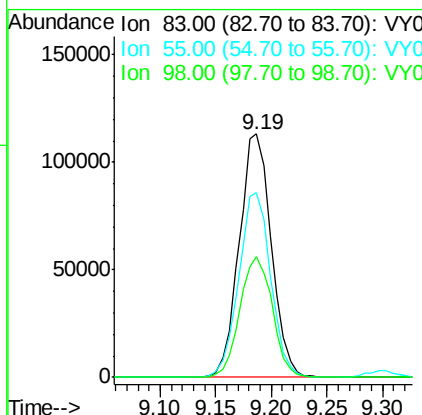
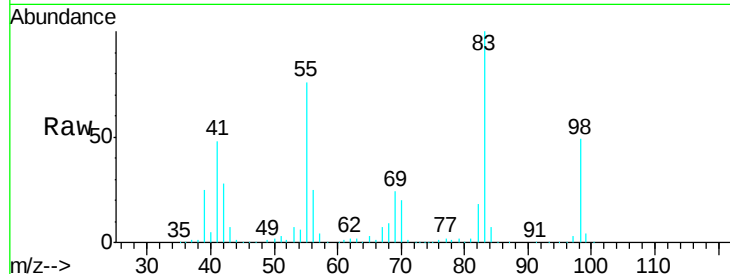
#39
Methylcyclohexane
Concen: 52.961 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	57.5	86.3
98	49.5	38.0	57.0

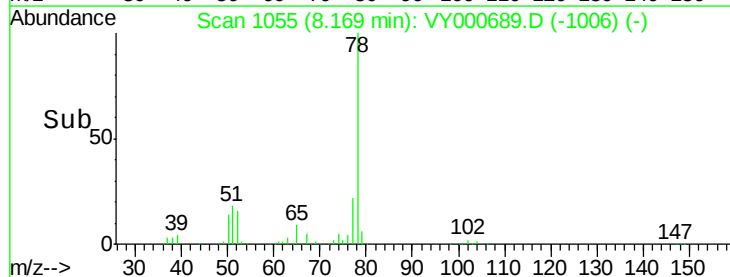
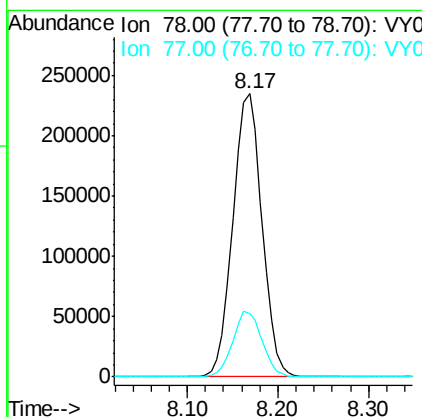
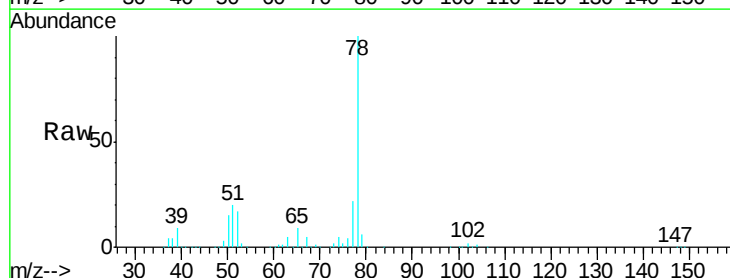
Manual Integrations
APPROVED

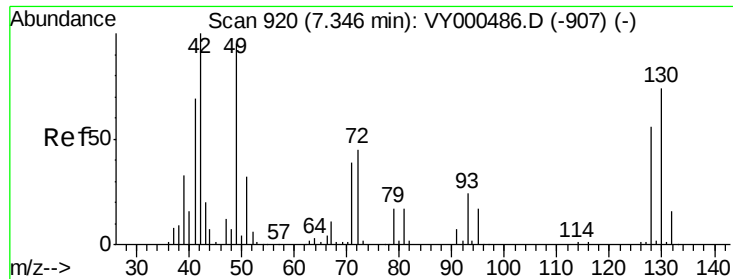
MMDadoda
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#40
Benzene
Concen: 53.952 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.6	28.0





#41

Methacrylonitrile

Concen: 54.057 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 59192
Ion Ratio Lower Upper

41 100

39 107.5 68.2 102.4#

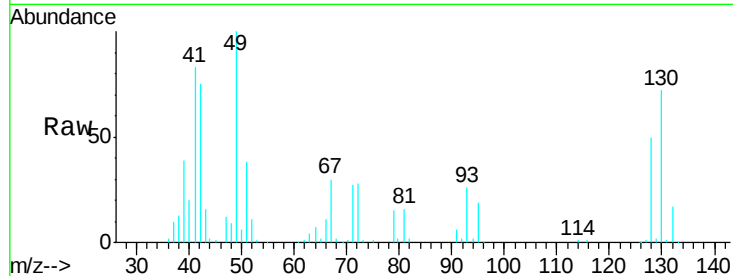
67 0.0 0.0 0.0

52 0.0 0.0 0.0

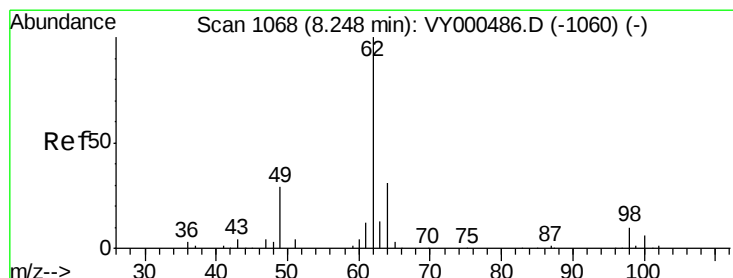
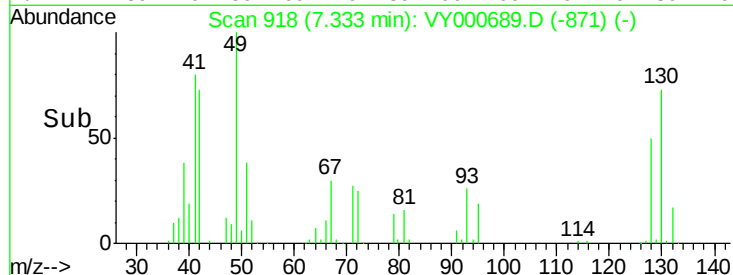
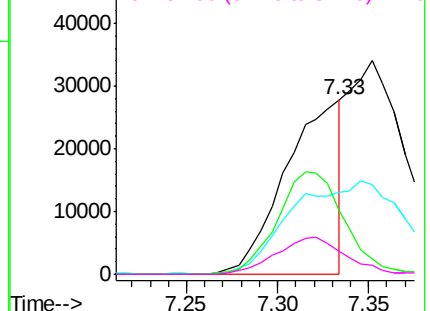
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 55.549 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

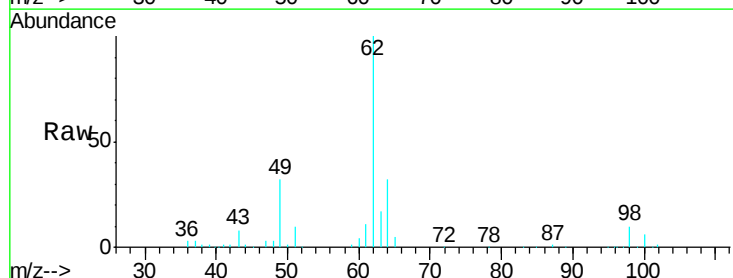
Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

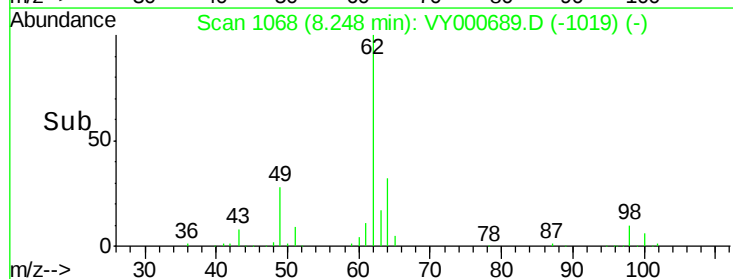
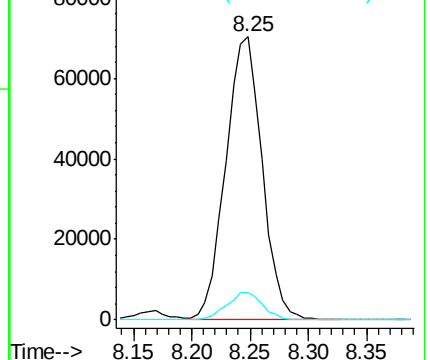
Tgt Ion: 62 Resp: 152711
Ion Ratio Lower Upper

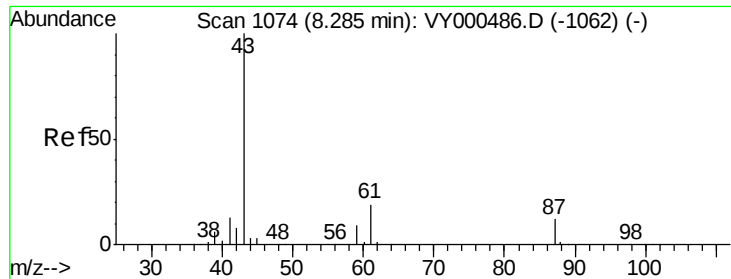
62 100

98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





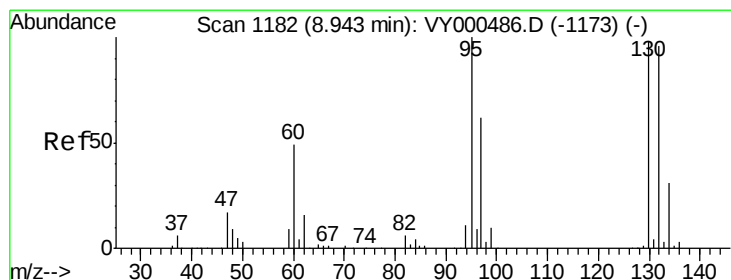
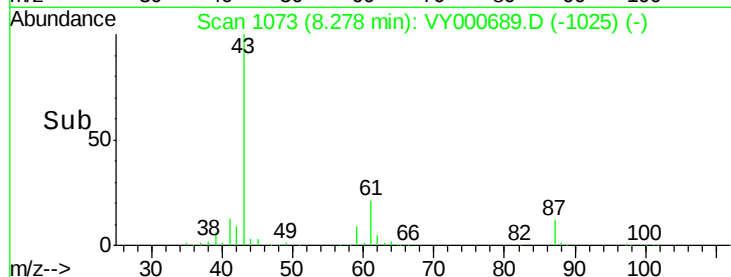
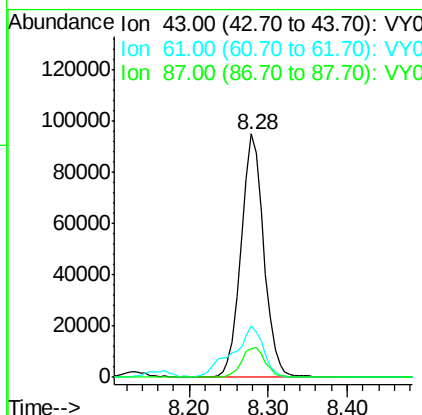
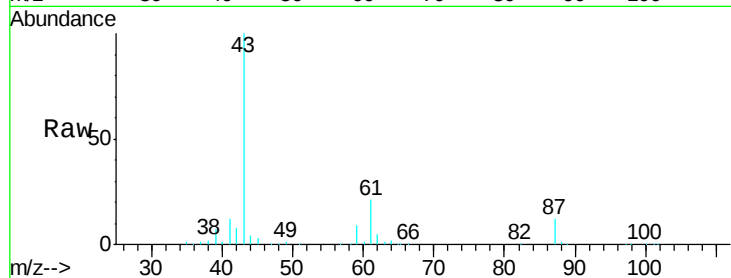
#43
Isopropyl Acetate
Concen: 51.651 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.3	23.0	34.4
87	12.7	10.5	15.7

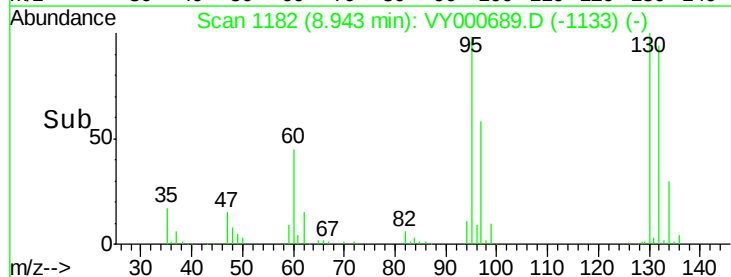
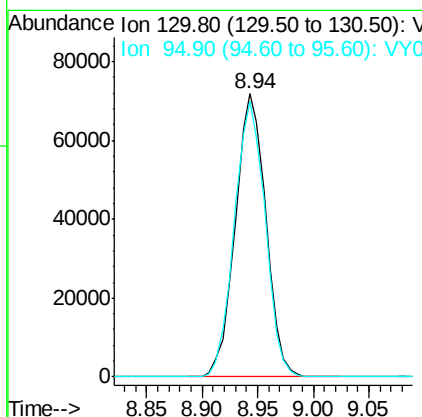
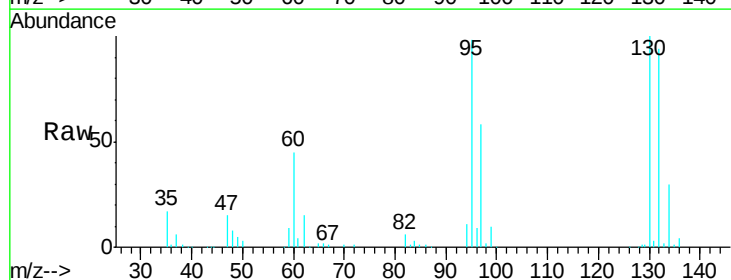
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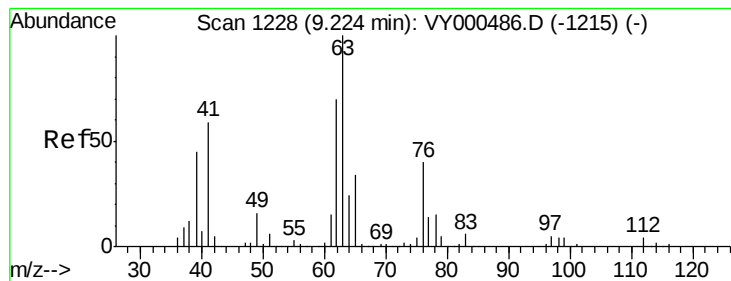
MMDadoda
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#44
Trichloroethene
Concen: 53.451 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	203.2





#45

1,2-Dichloropropane

Concen: 56.054 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 133722

Ion Ratio Lower Upper

63 100

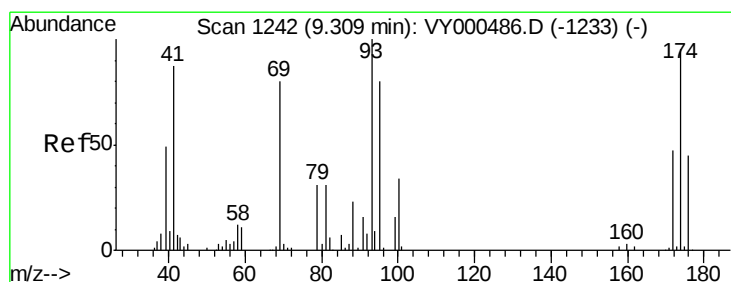
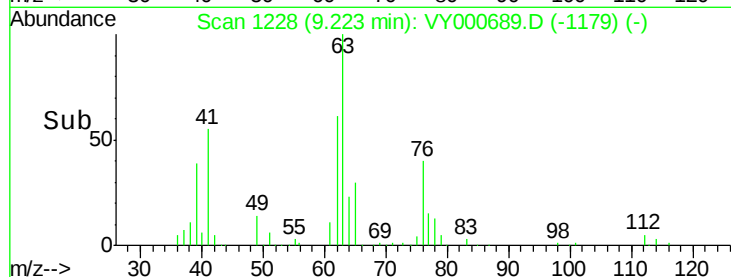
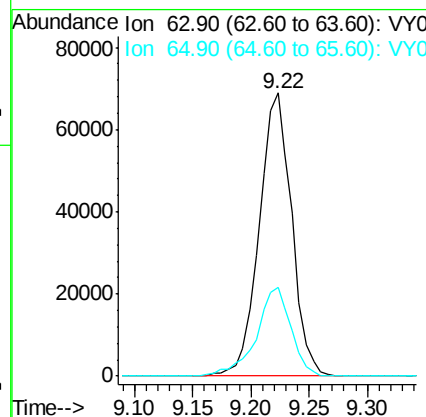
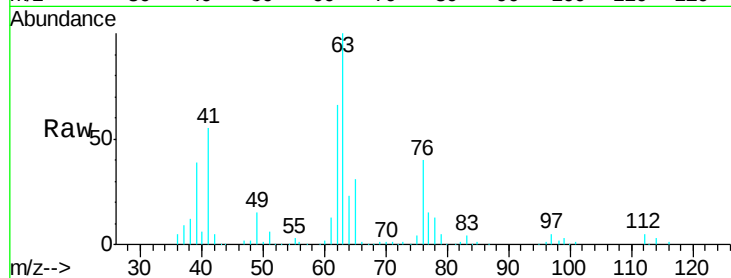
65 31.2 27.0 40.4

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#46

Dibromomethane

Concen: 53.343 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

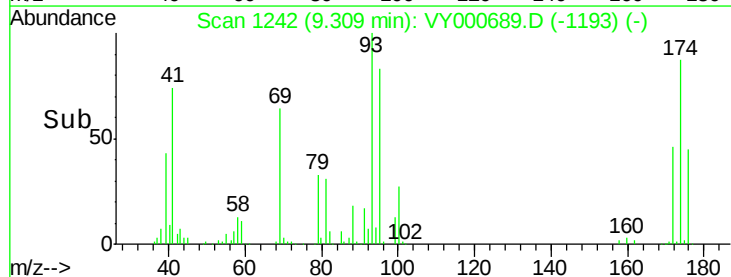
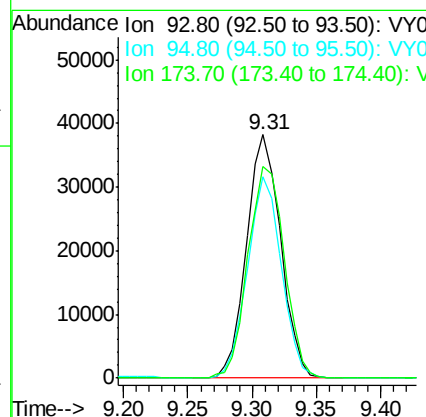
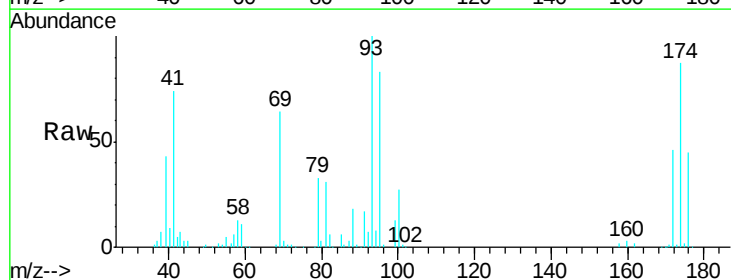
Tgt Ion: 93 Resp: 69985

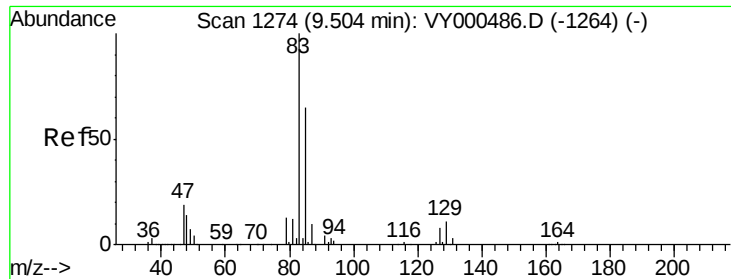
Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

174 92.4 77.1 115.7





#47

Bromodichloromethane

Concen: 55.857 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

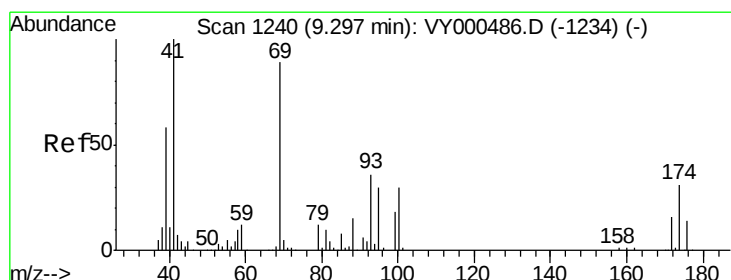
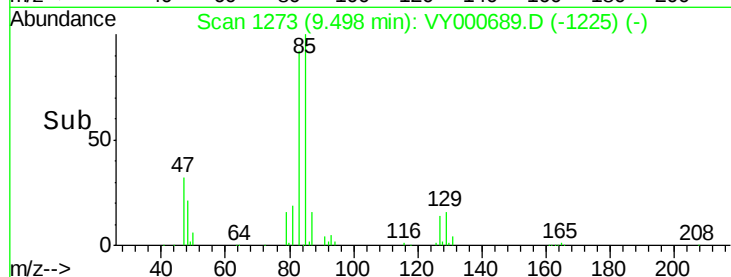
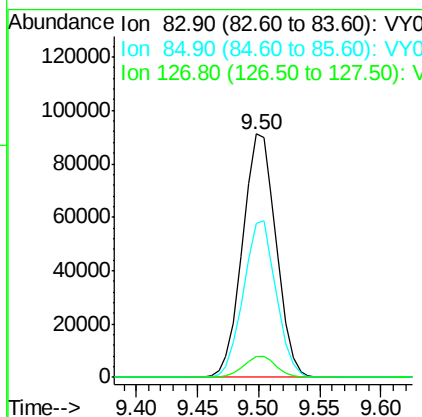
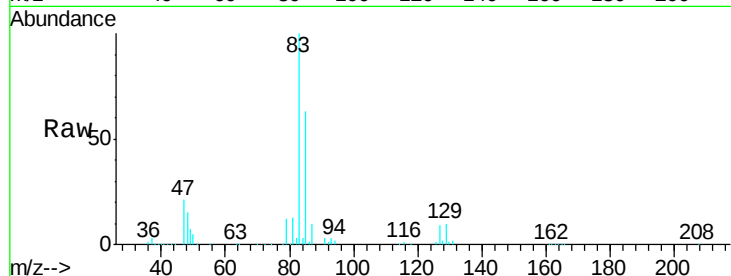
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	173887
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 52.981 ug/l

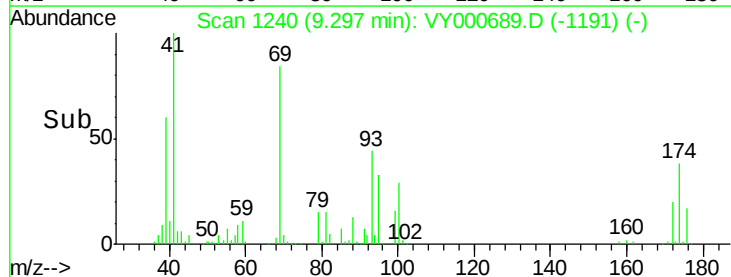
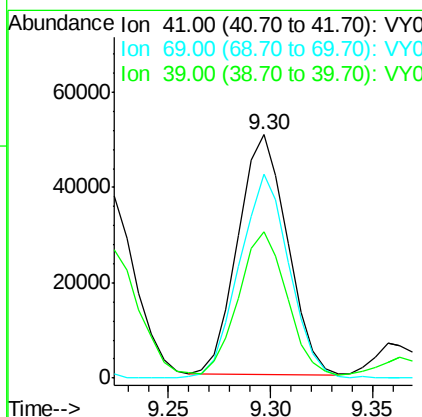
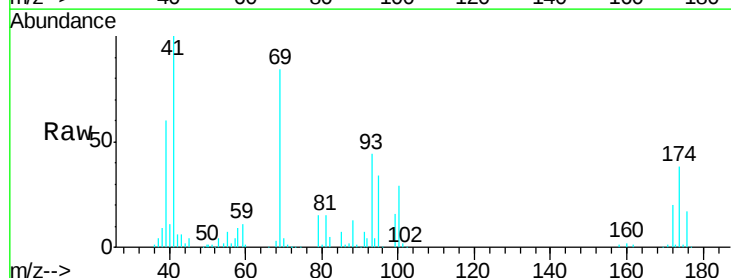
RT: 9.30 min Scan# 1240

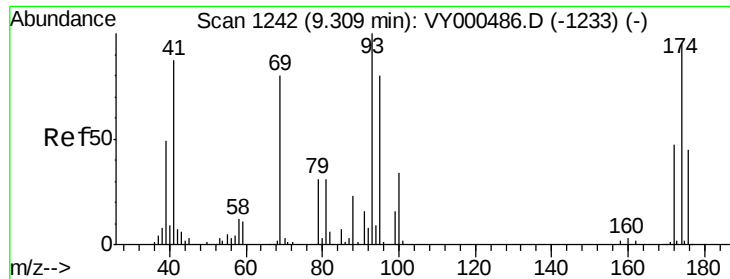
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	41	Resp:	85354
Ion	Ratio	Lower	Upper
41	100		
69	85.5	72.5	108.7
39	60.5	47.8	71.8





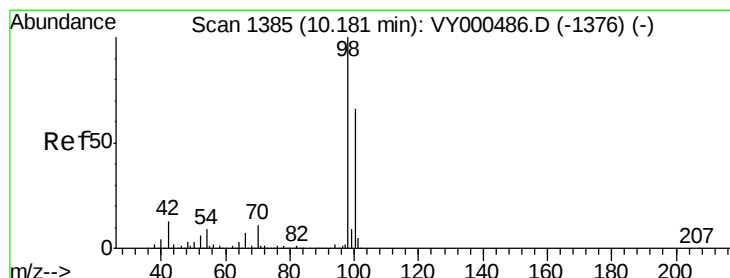
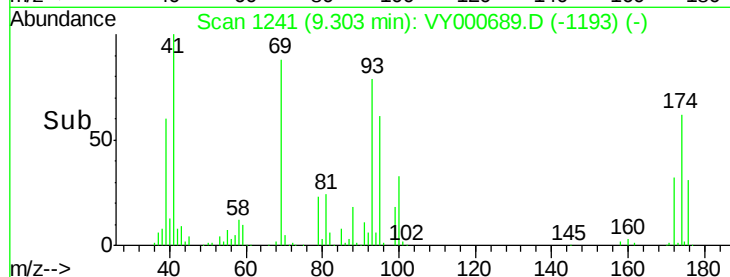
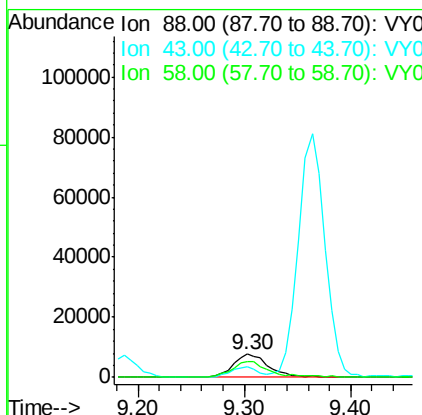
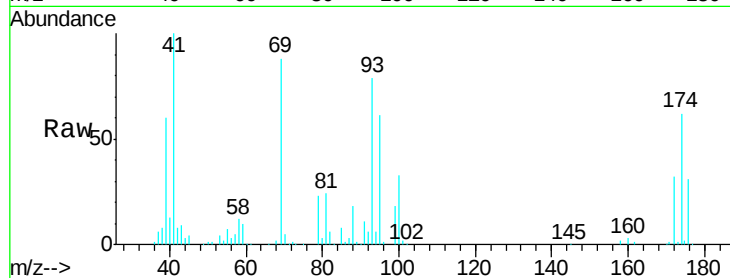
#49
1,4-Dioxane
Concen: 1019.469 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.1	37.7
58	68.4	50.6	75.8

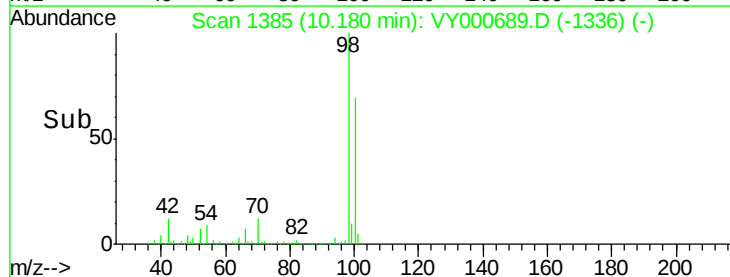
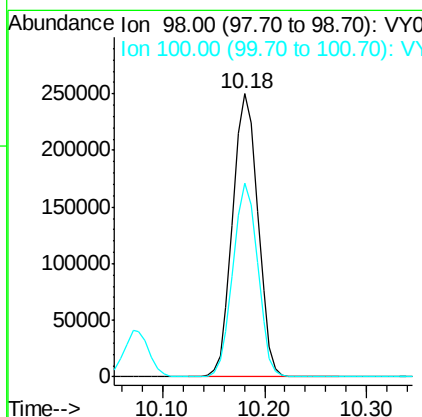
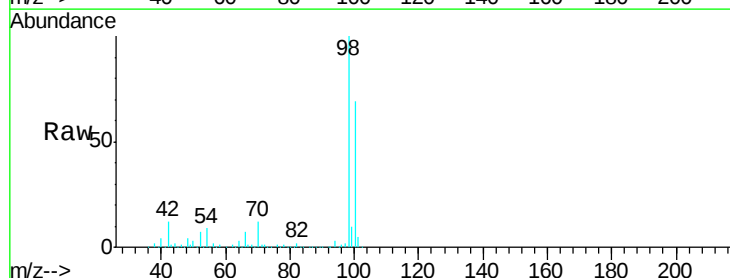
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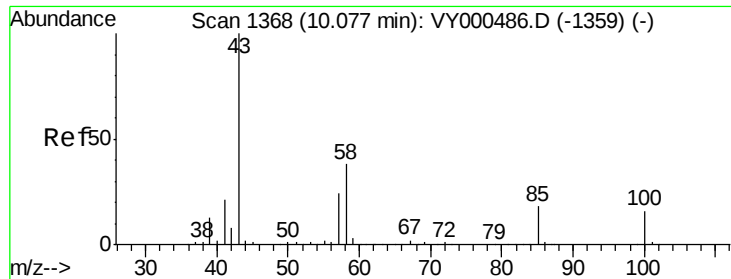
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#50
Toluene-d8
Concen: 54.990 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 254.691 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 499299

Ion Ratio Lower Upper

43 100

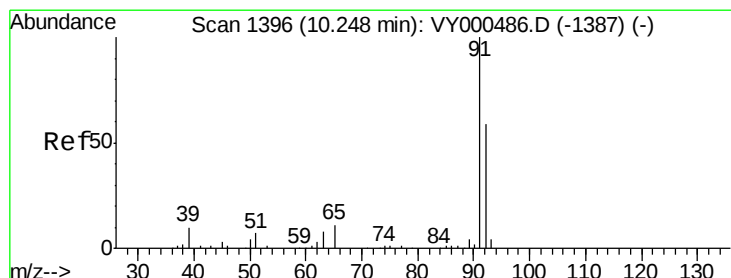
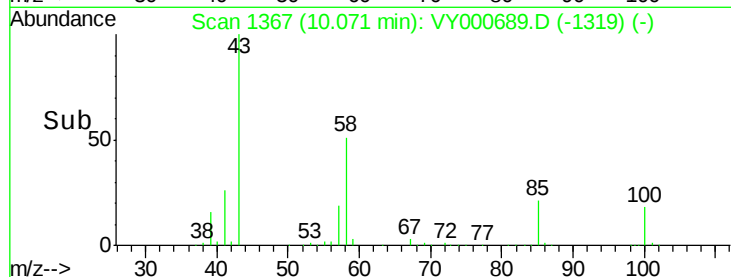
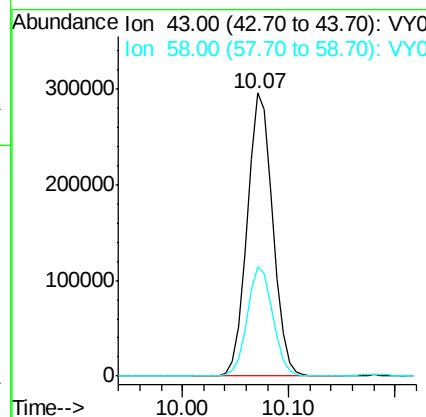
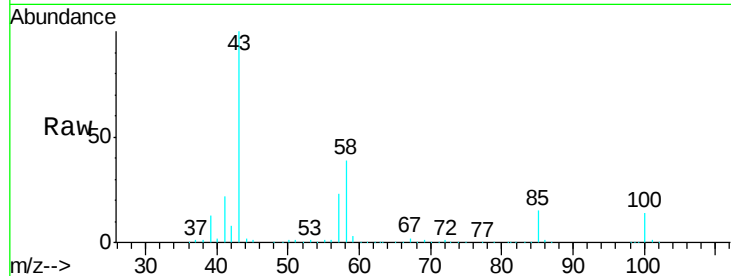
58 38.8 30.2 45.4

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#52

Toluene

Concen: 55.620 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000689.D

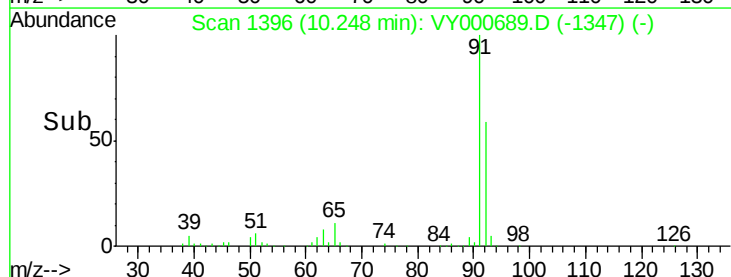
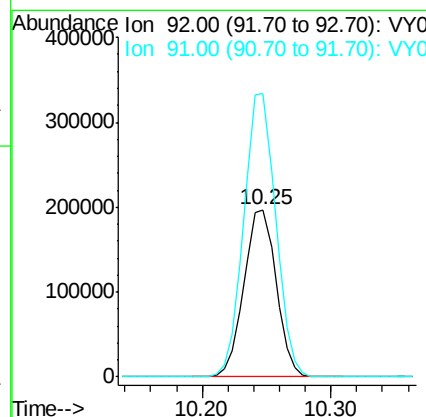
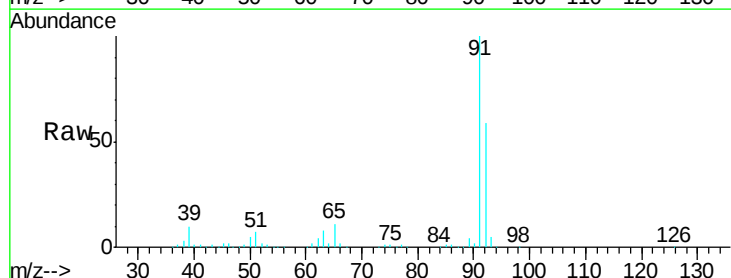
Acq: 15 Nov 2019 10:19

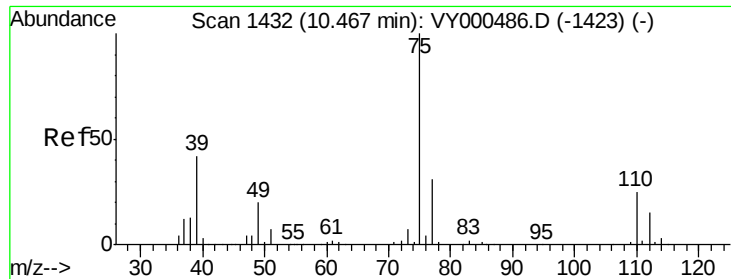
Tgt Ion: 92 Resp: 340847

Ion Ratio Lower Upper

92 100

91 168.4 136.3 204.5





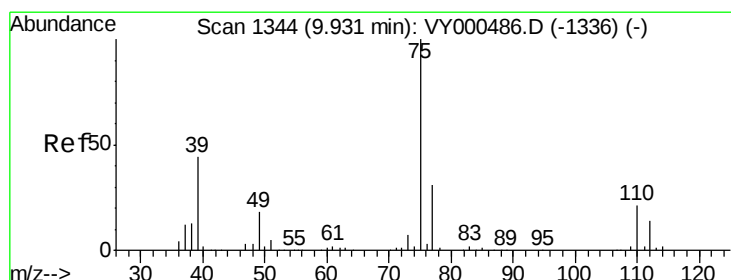
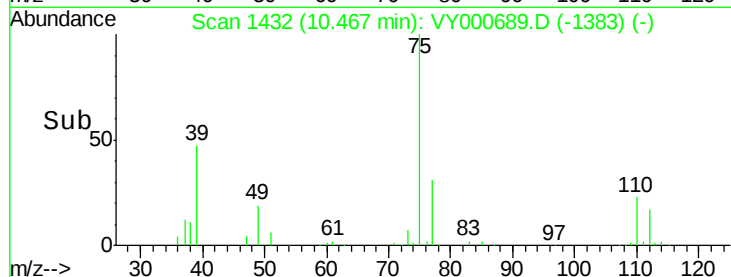
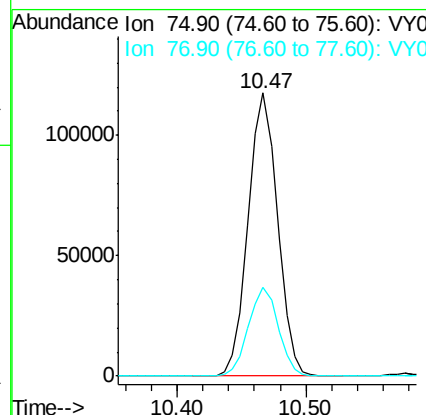
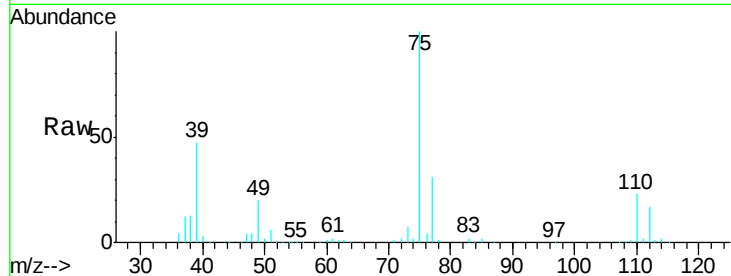
#53
t-1,3-Dichloropropene
Concen: 55.746 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 185427
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

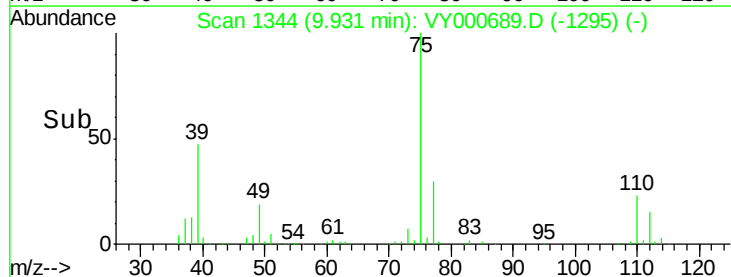
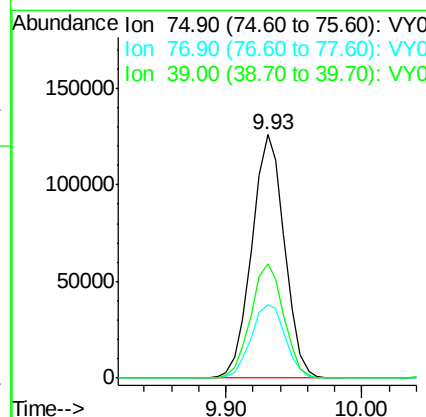
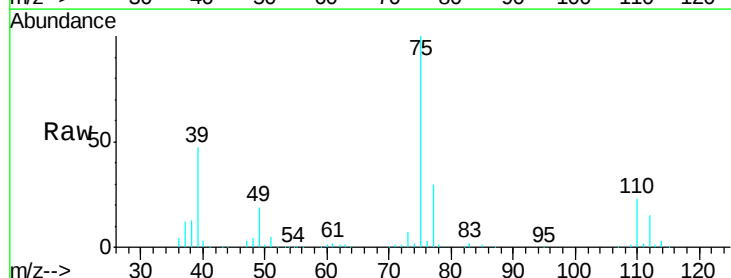
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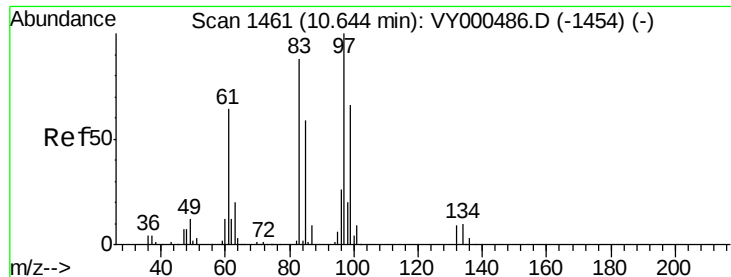
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#54
cis-1,3-Dichloropropene
Concen: 55.759 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 75 Resp: 212475
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7
39 46.9 35.4 53.2





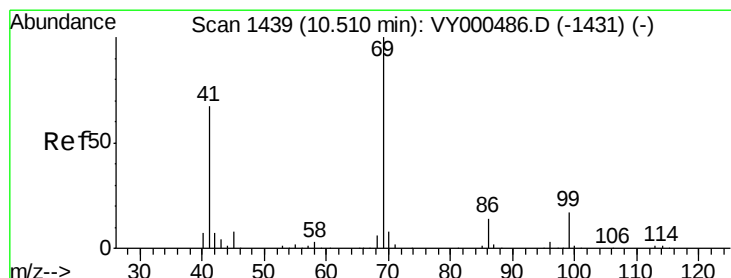
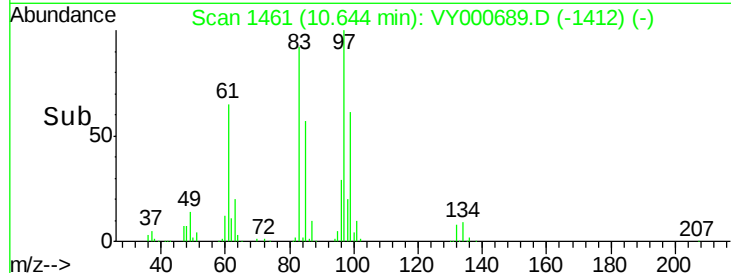
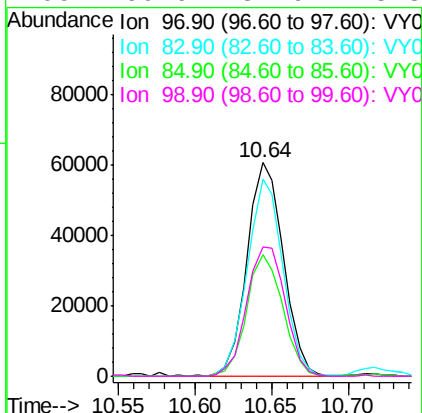
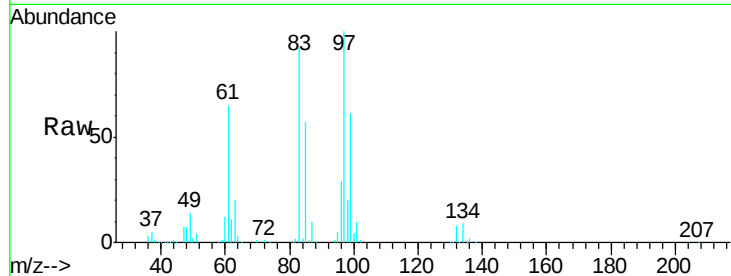
#55
 1,1,2-Trichloroethane
 Concen: 52.963 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	100503
Ion	Ratio	Lower	Upper
97	100		
83	92.0	70.2	105.4
85	56.8	46.9	70.3
99	60.6	52.6	78.8

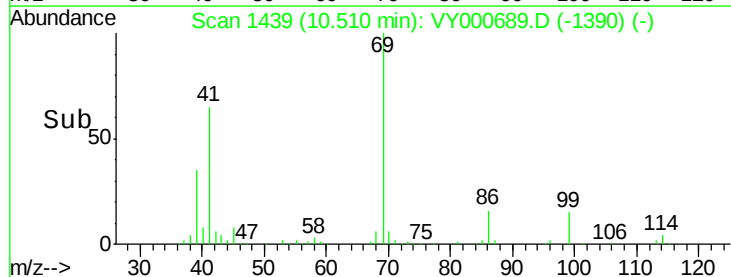
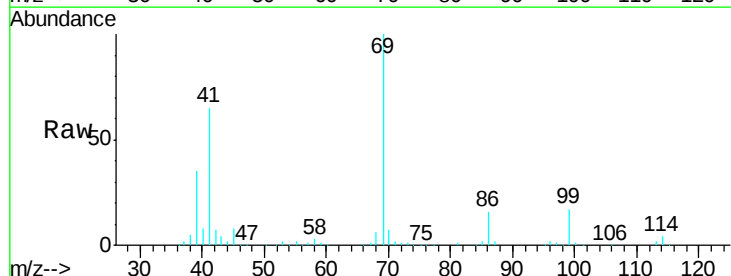
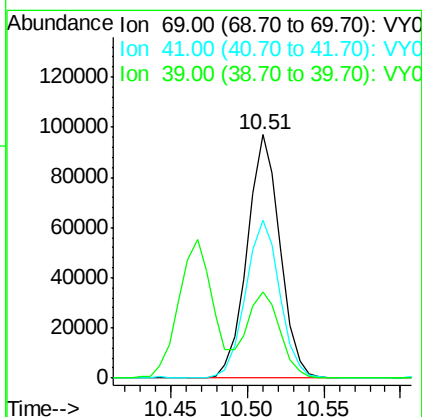
Manual Integrations
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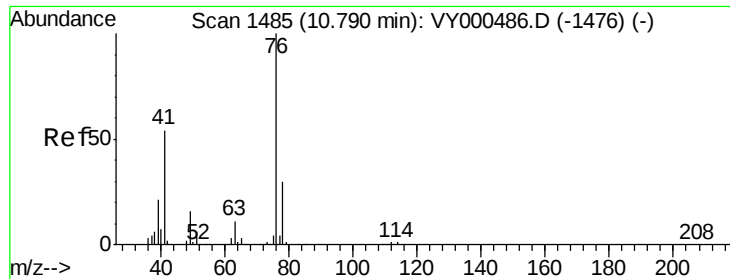
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#56
 Ethyl methacrylate
 Concen: 53.853 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion:	69	Resp:	144841
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.3	79.9
39	34.8	28.0	42.0





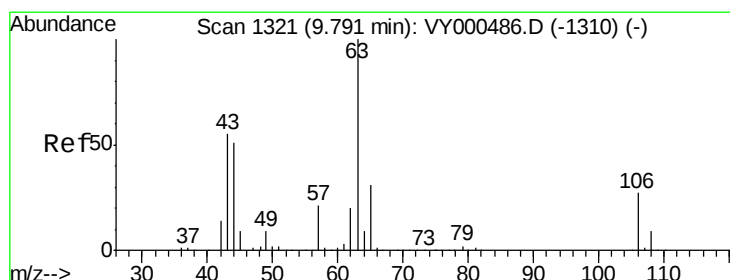
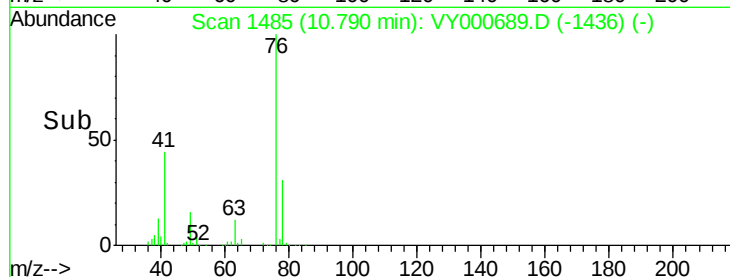
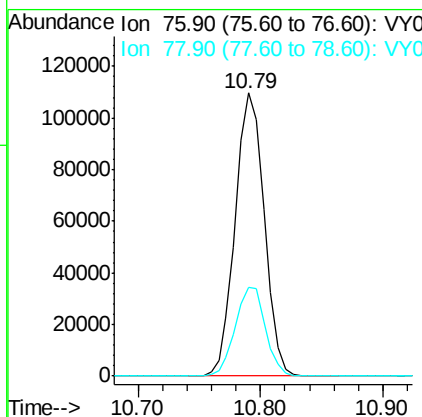
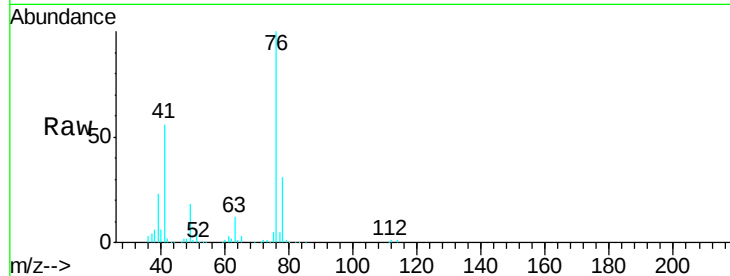
#57
 1,3-Dichloropropane
 Concen: 54.276 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 180264
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8

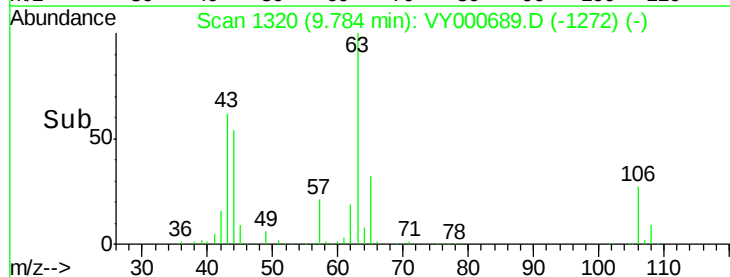
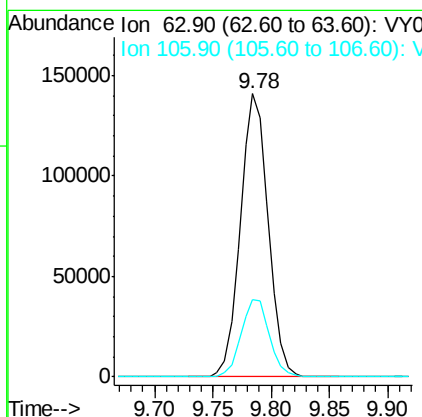
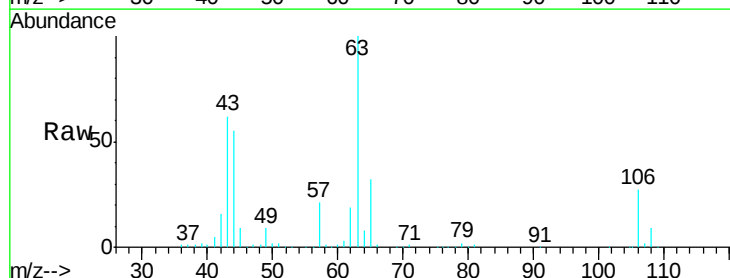
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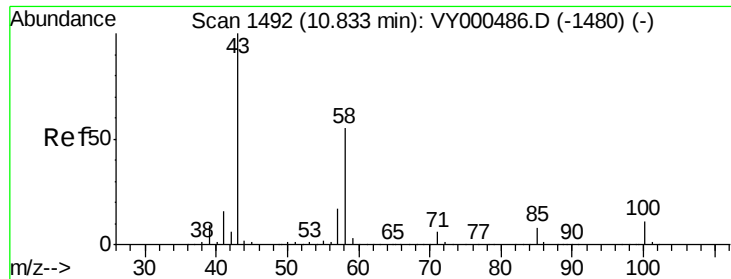
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 192.638 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 63 Resp: 234232
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 33.8





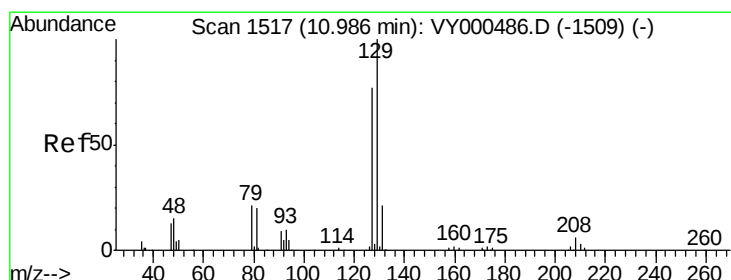
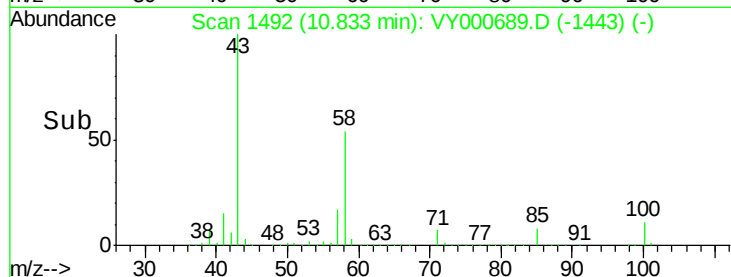
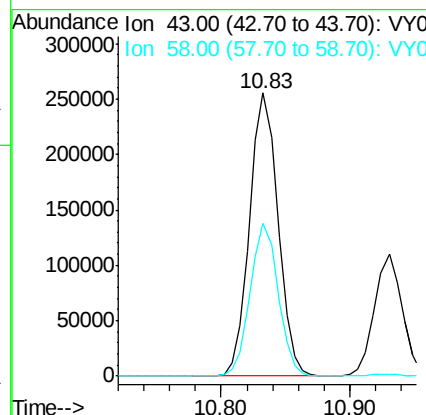
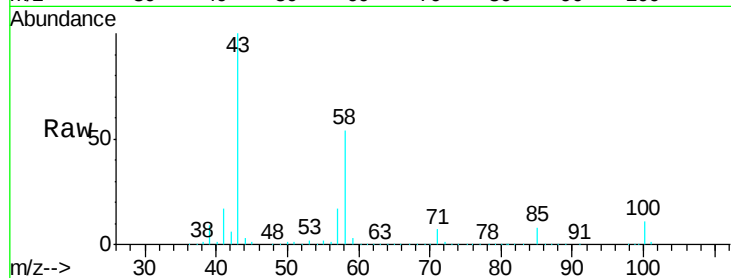
#59
2-Hexanone
Concen: 272.366 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 389032
Ion Ratio Lower Upper
43 100
58 53.2 27.1 81.3

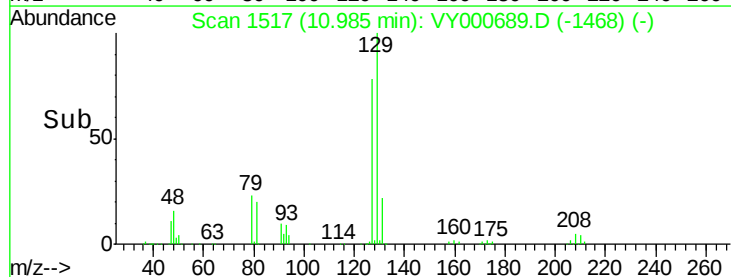
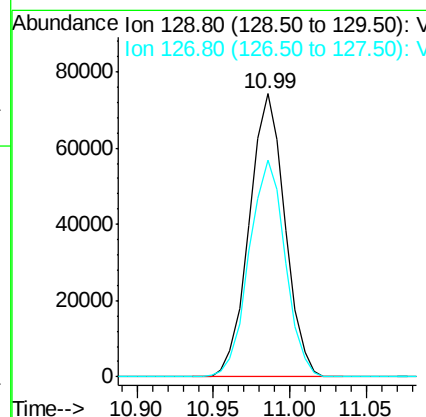
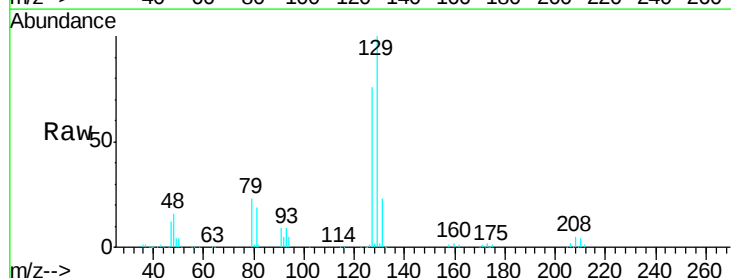
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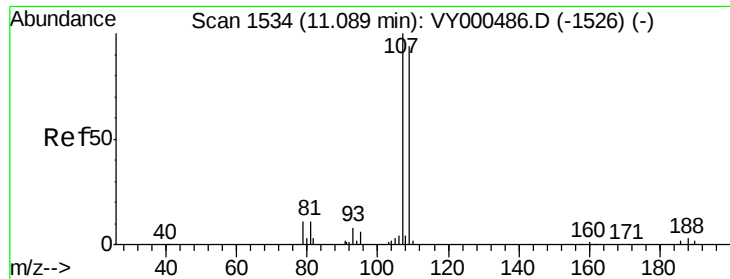
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11/18/2019 3:24:10 PM



#60
Dibromochloromethane
Concen: 55.468 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 129 Resp: 120564
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





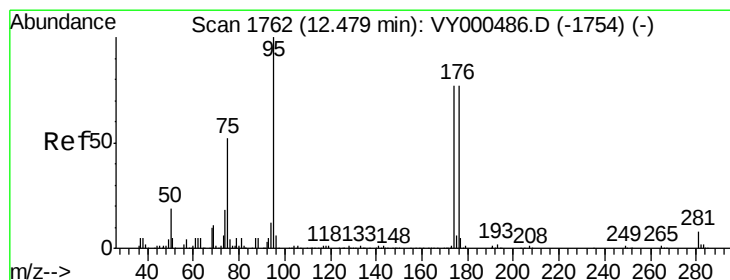
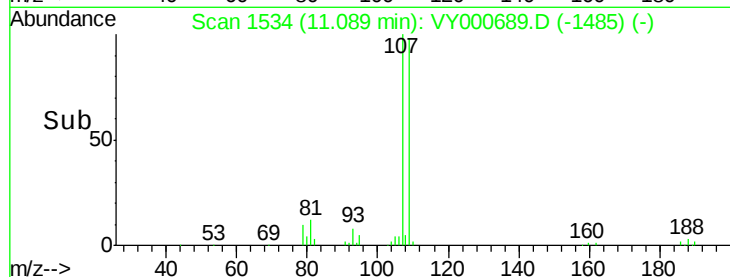
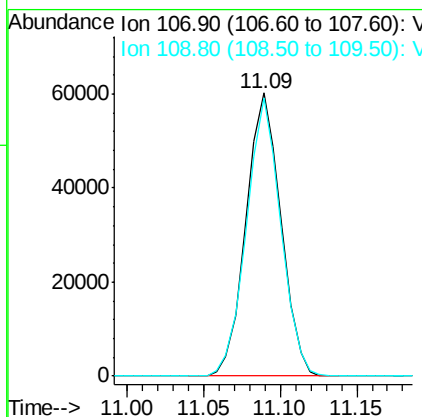
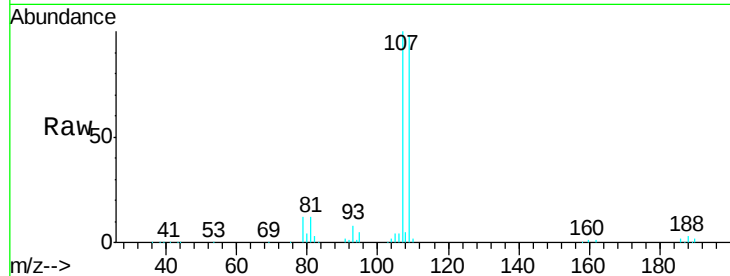
#61
 1,2-Dibromoethane
 Concen: 52.341 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 95499
 Ion Ratio Lower Upper
 107 100
 109 96.6 73.6 110.4

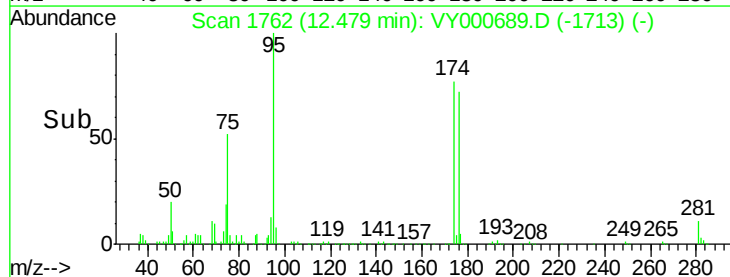
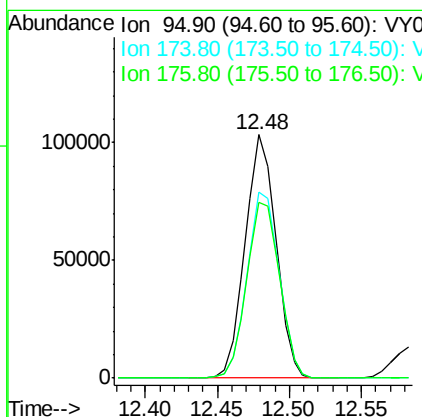
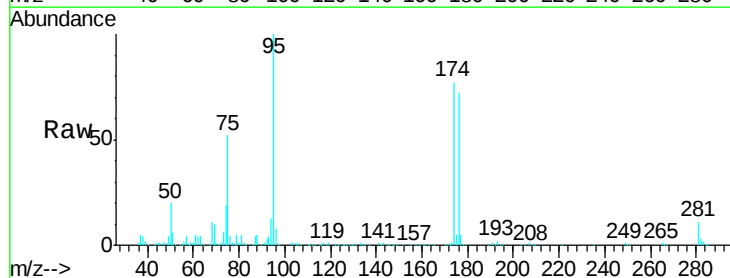
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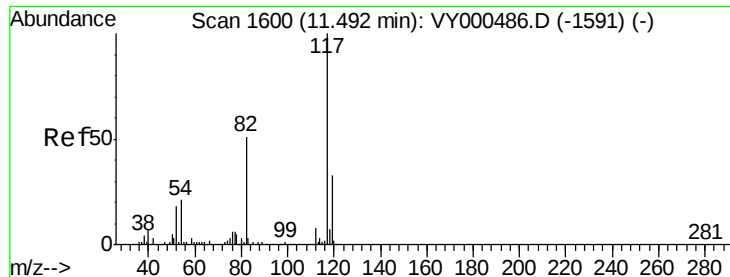
MMDadoda
 11/18/2019 3:24:10 PM



#62
 4-Bromofluorobenzene
 Concen: 51.630 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 95 Resp: 153122
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 161.6
 176 77.2 0.0 157.8





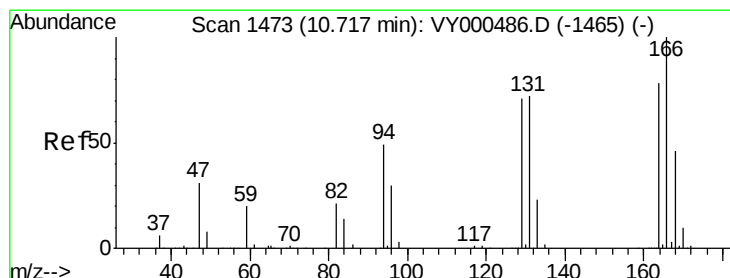
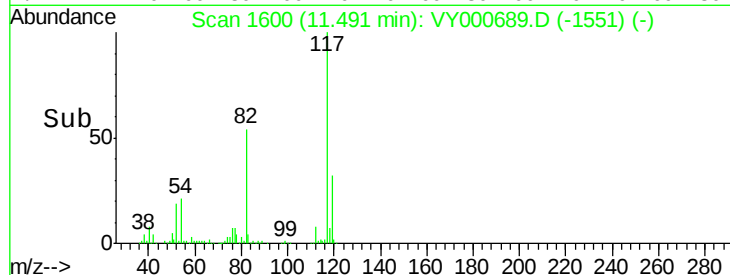
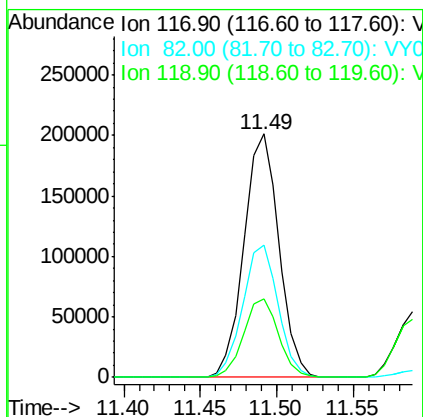
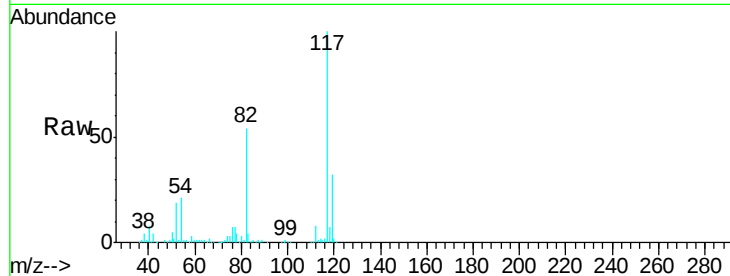
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	319769		
82	54.3	40.8	61.2	
119	32.0	26.2	39.2	

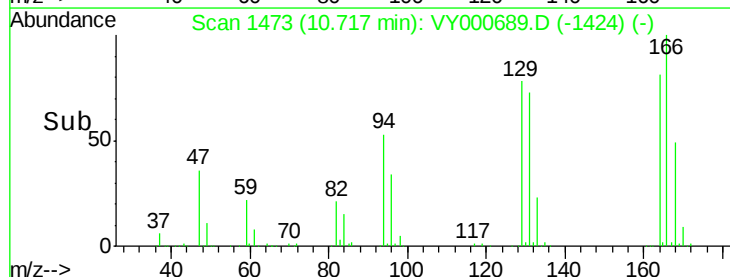
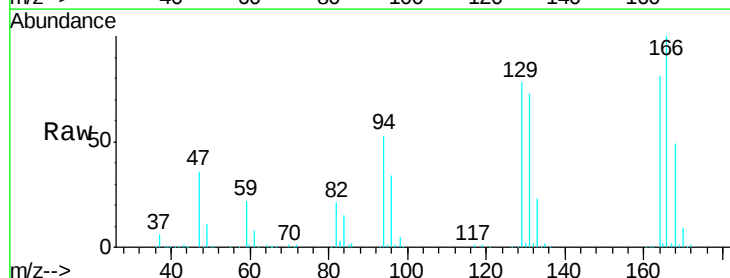
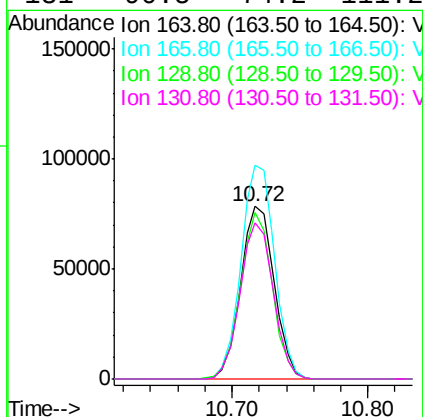
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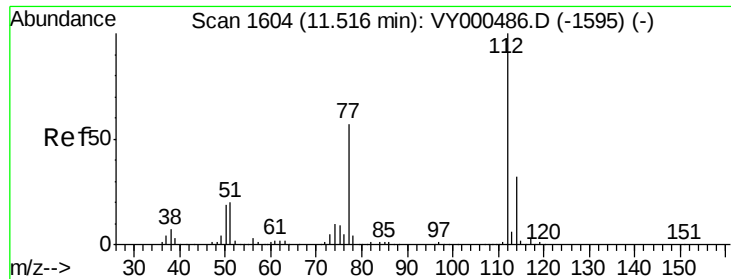
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#64
Tetrachloroethene
Concen: 51.340 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135748		
166	123.8	102.7	154.1	
129	96.3	73.2	109.8	
131	90.5	74.2	111.2	





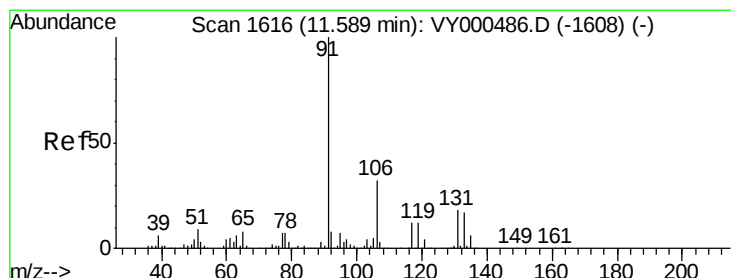
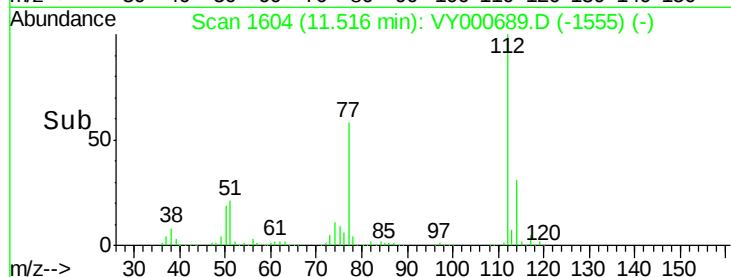
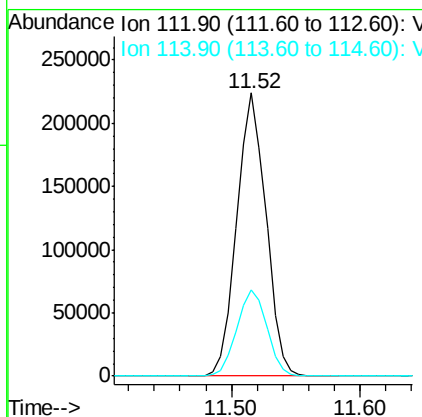
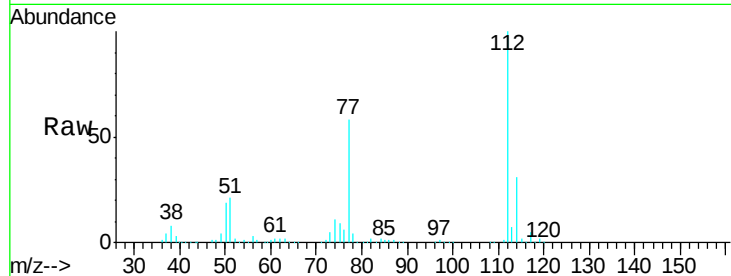
#65
Chlorobenzene
Concen: 54.229 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 351583
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9

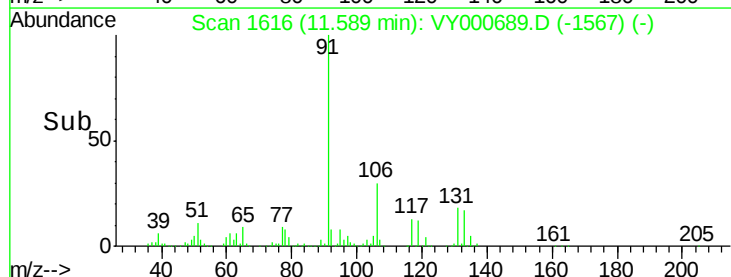
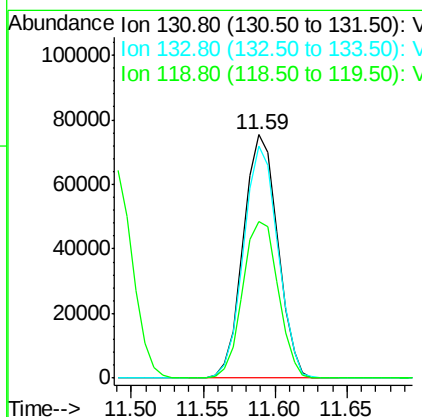
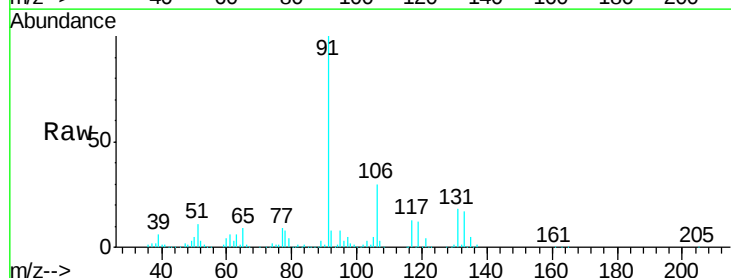
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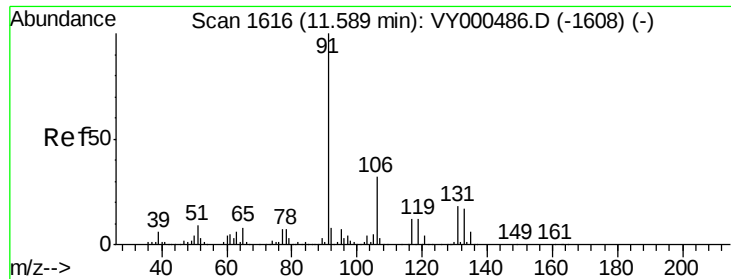
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.512 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:131 Resp: 124819
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 66.3 33.1 99.3





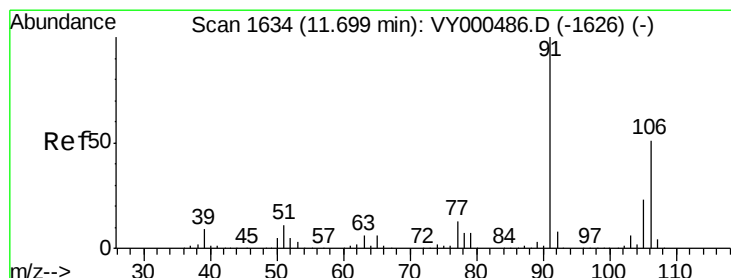
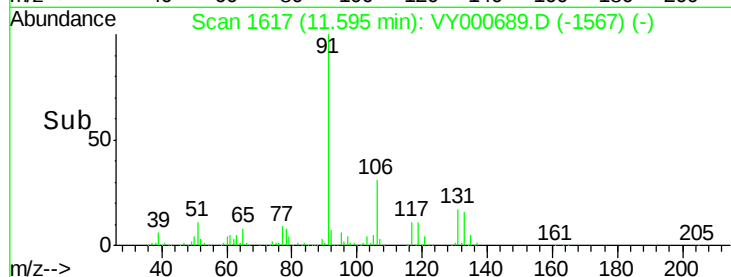
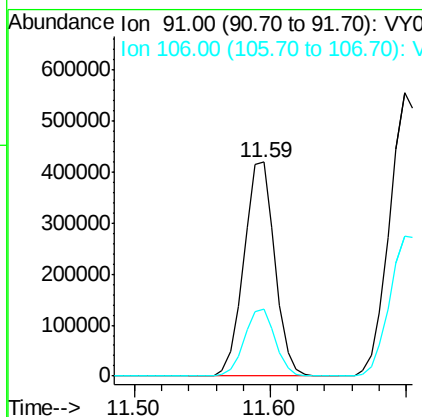
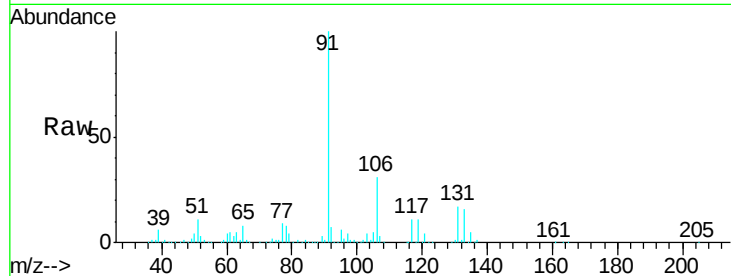
#67
Ethyl Benzene
Concen: 55.705 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 664673
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

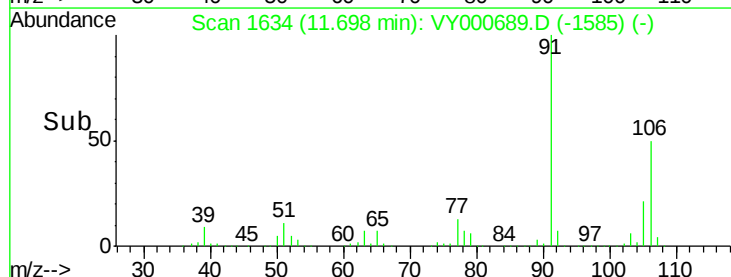
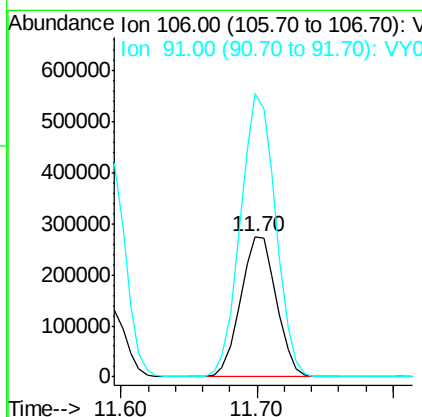
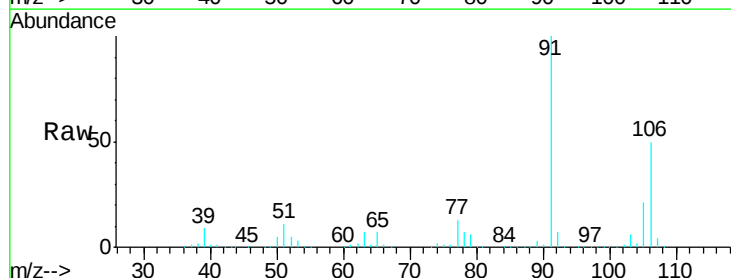
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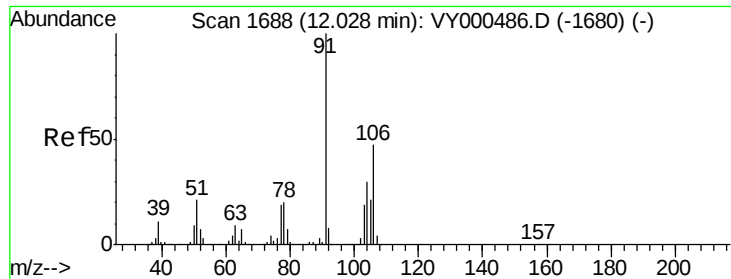
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#68
m/p-Xylenes
Concen: 108.913 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 106 Resp: 502978
Ion Ratio Lower Upper
106 100
91 199.5 155.9 233.9





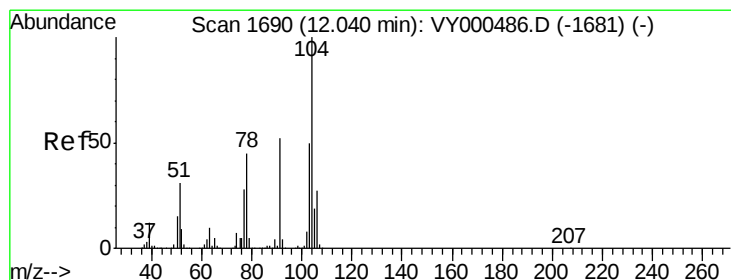
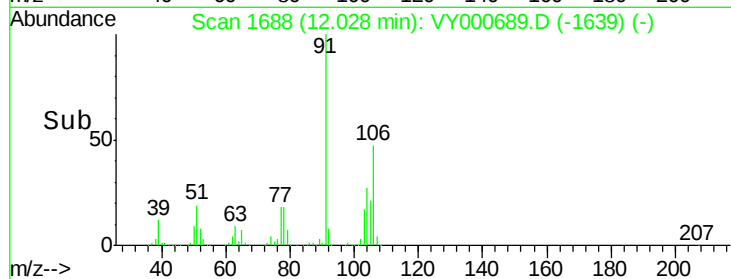
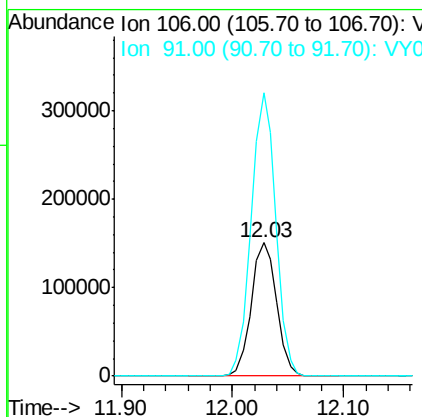
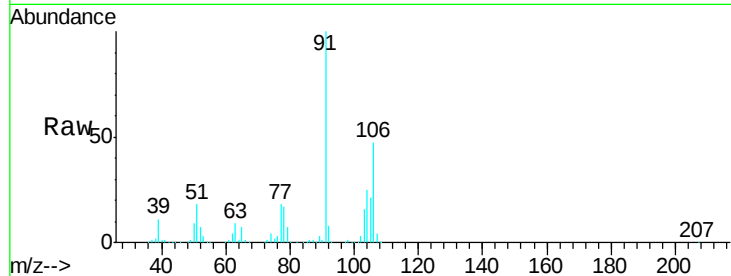
#69
o-Xylene
Concen: 54.867 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.0	106.5	319.6

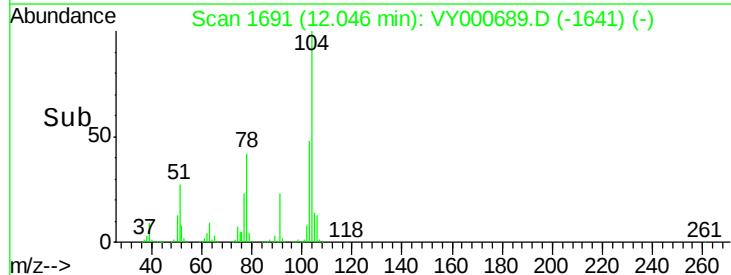
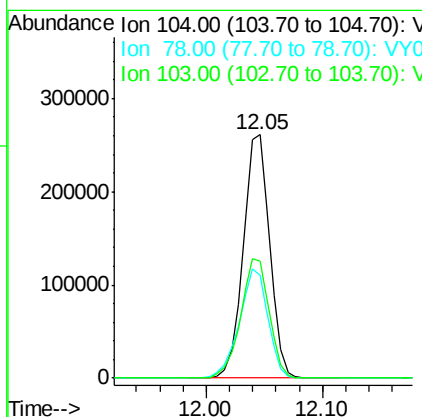
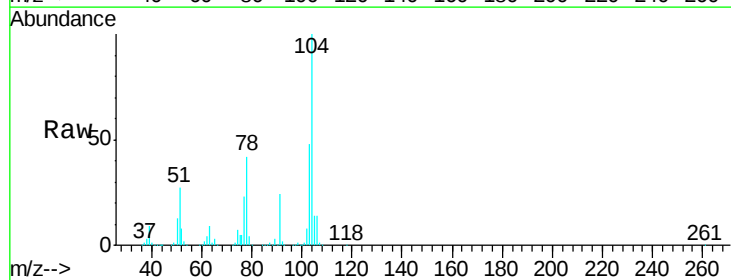
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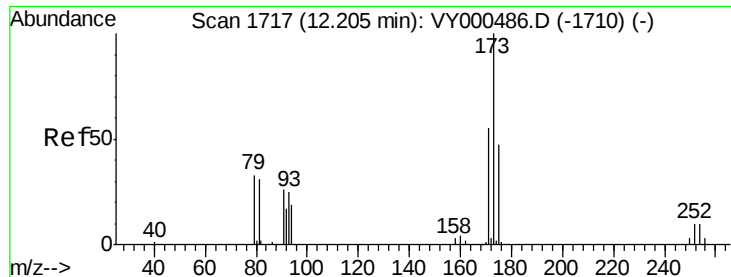
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#70
Styrene
Concen: 55.569 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.0	58.4
103	52.9	42.5	63.7





#71

Bromoform

Concen: 53.974 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

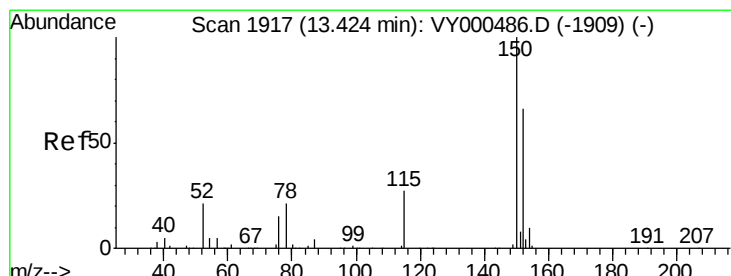
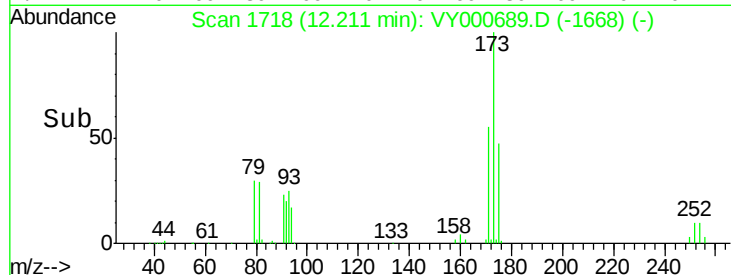
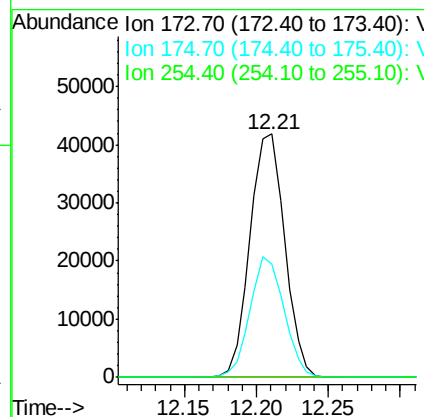
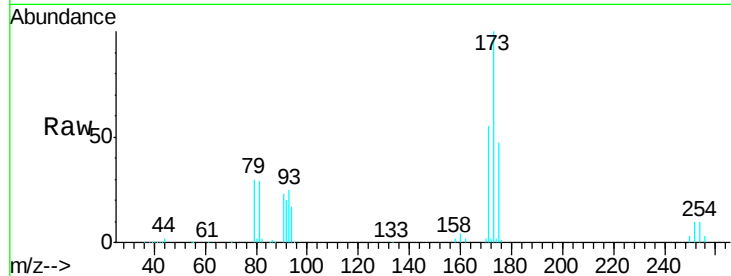
ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 69803
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.4 73.2
 254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

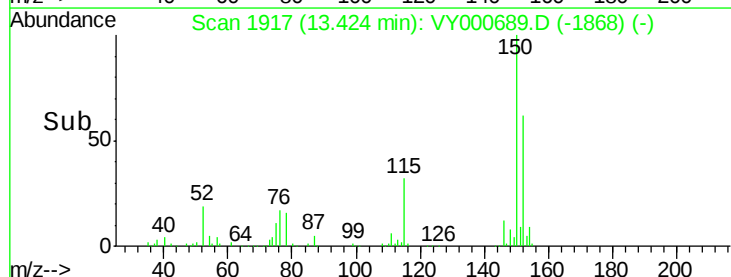
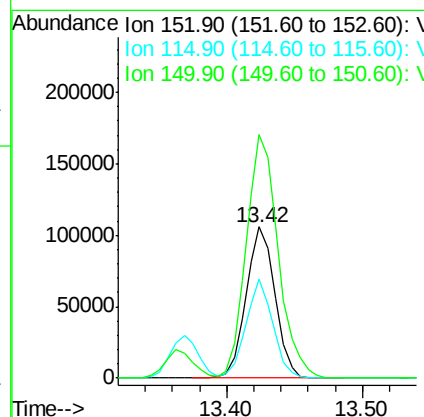
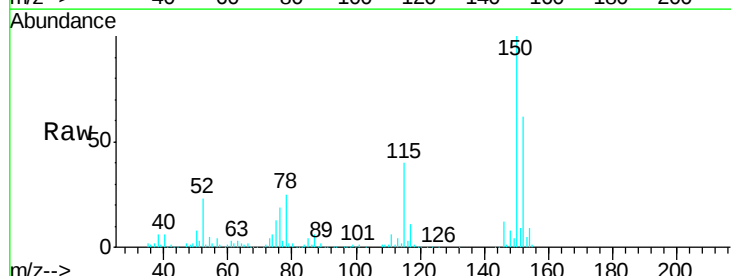
RT: 13.42 min Scan# 1917

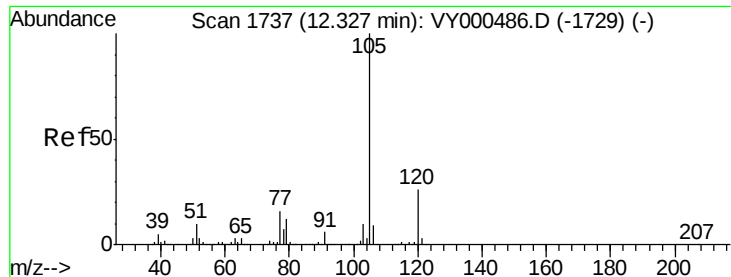
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:152 Resp: 156974
 Ion Ratio Lower Upper
 152 100
 115 60.9 29.1 87.4
 150 177.3 0.0 348.8





#73

Isopropylbenzene

Concen: 55.901 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 648537

Ion Ratio Lower Upper

105 100

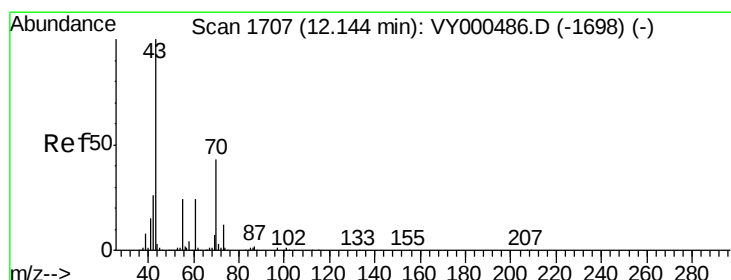
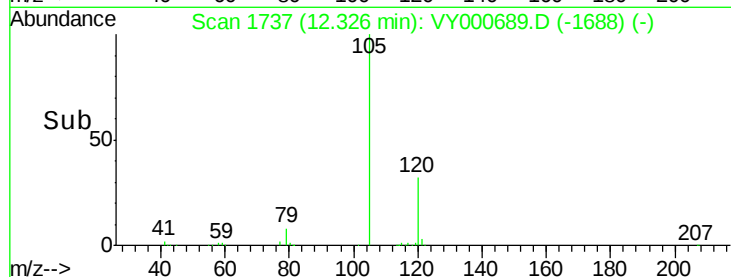
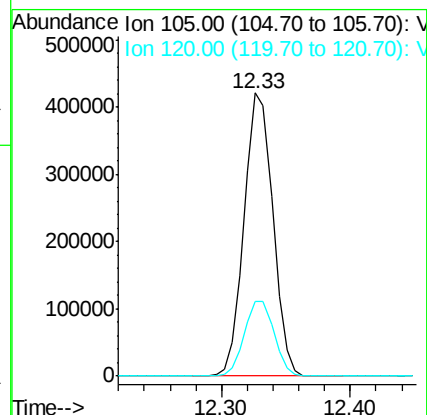
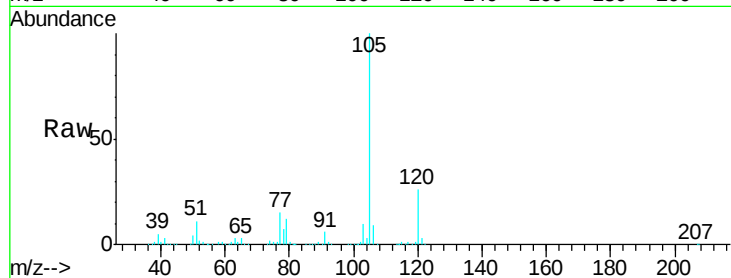
120 27.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 51.402 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion: 43 Resp: 170793

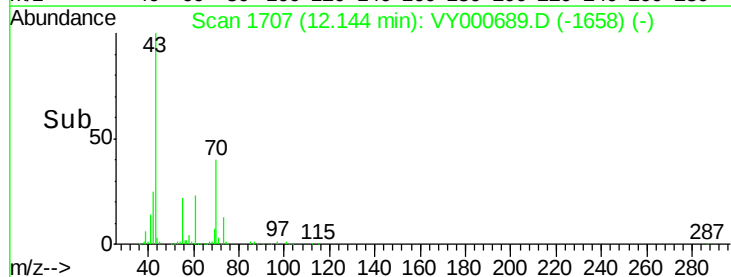
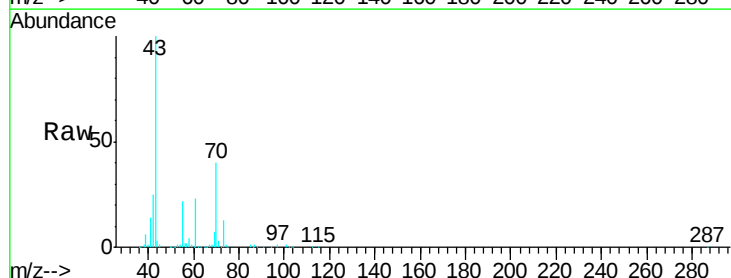
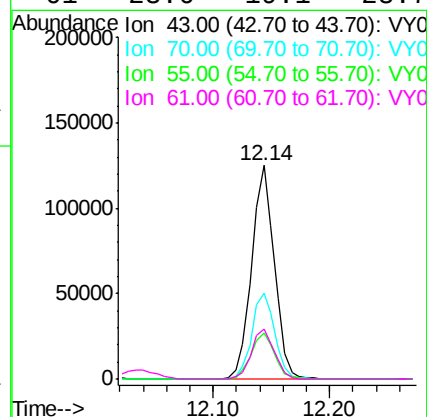
Ion Ratio Lower Upper

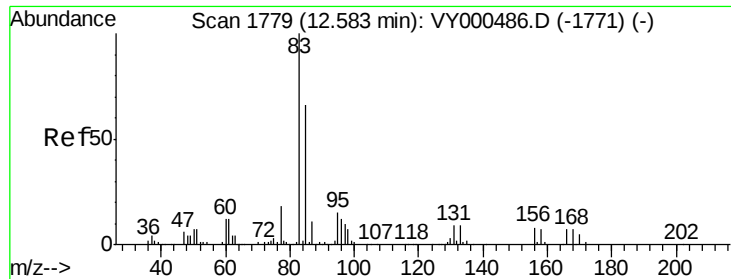
43 100

70 41.0 33.1 49.7

55 22.3 18.0 27.0

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.742 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 125749

Ion Ratio Lower Upper

83 100

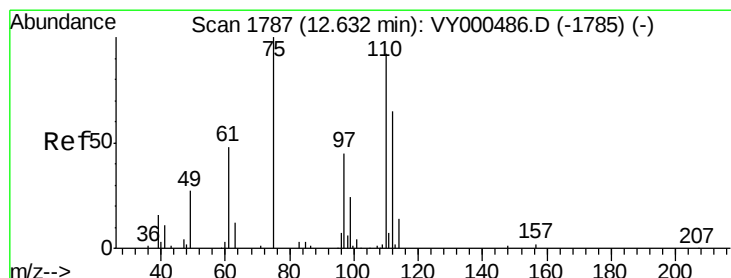
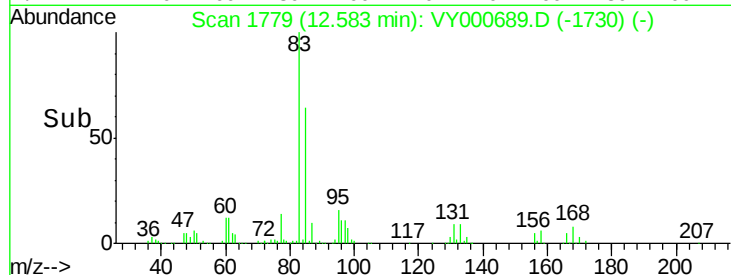
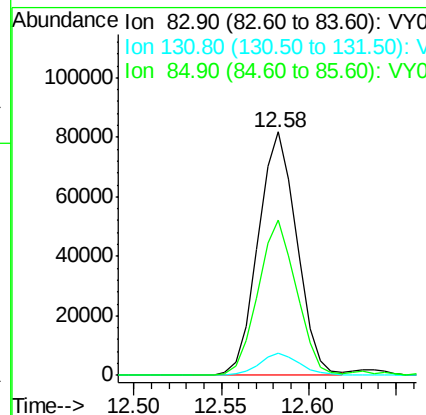
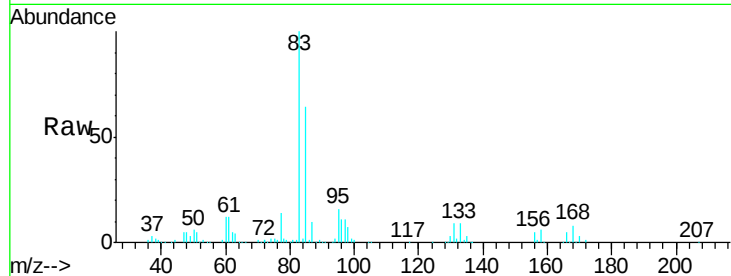
131 9.7 5.0 14.9

85 63.2 32.3 96.9

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#76

1,2,3-Trichloropropane

Concen: 50.844 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000689.D

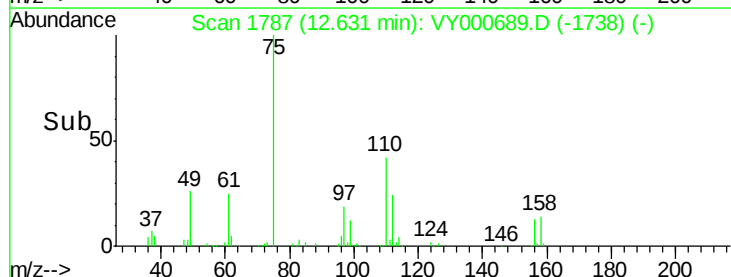
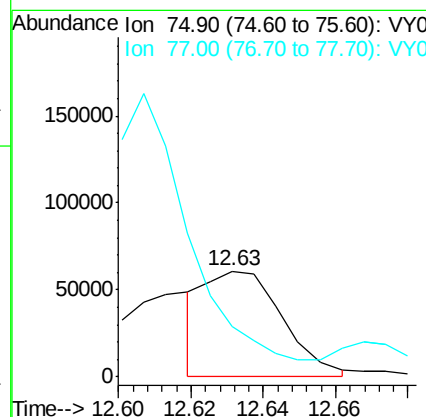
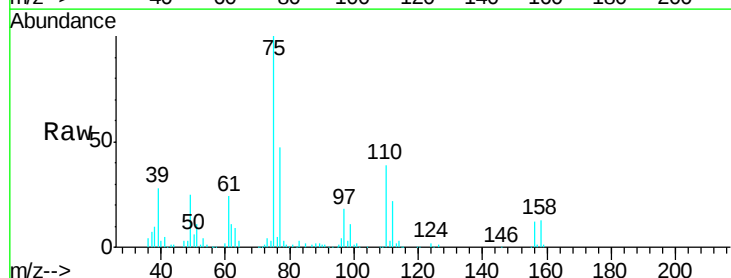
Acq: 15 Nov 2019 10:19

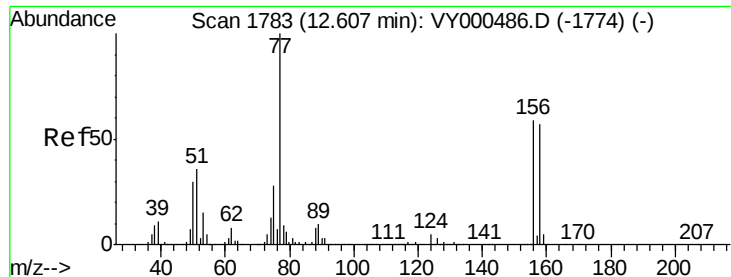
Tgt Ion: 75 Resp: 90877

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.352 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

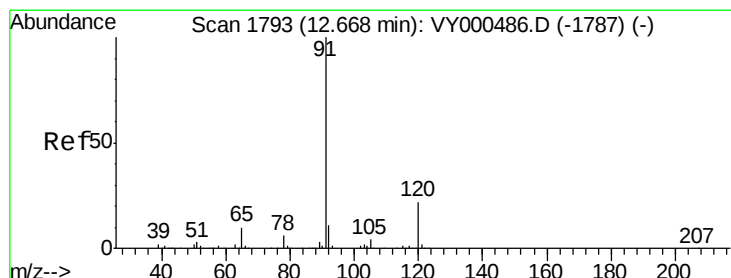
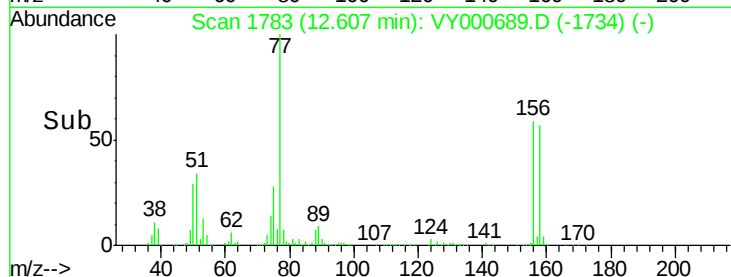
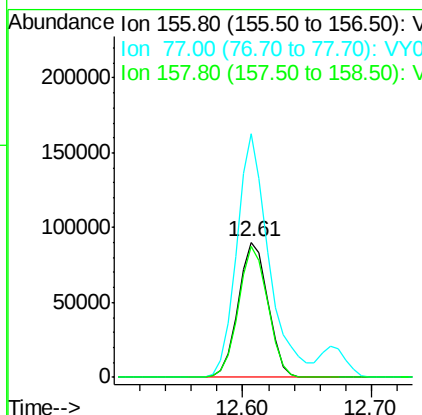
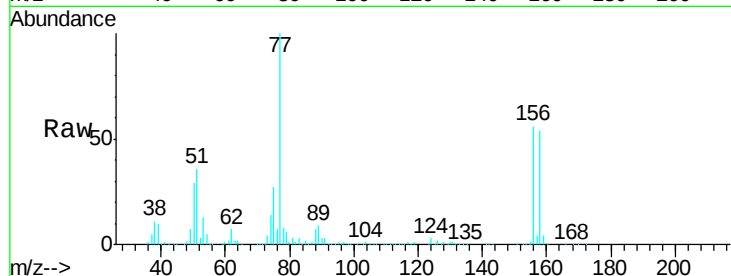
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	142994
Ion Ratio	Lower	Upper	
156	100		
77	195.9	98.2	294.4
158	95.9	49.6	149.0

Manual Integrations
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#78

n-propylbenzene

Concen: 57.224 ug/l

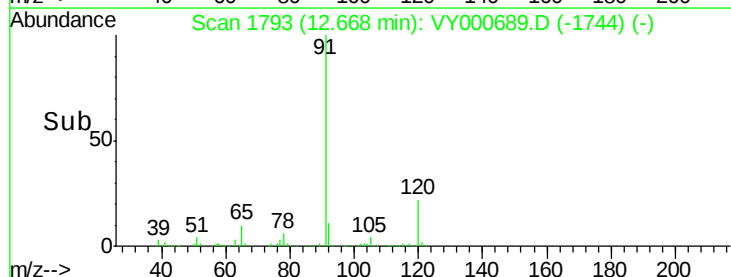
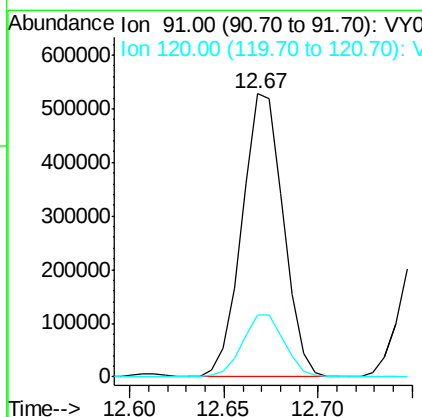
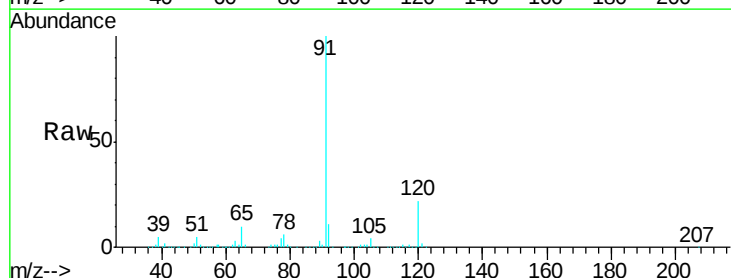
RT: 12.67 min Scan# 1793

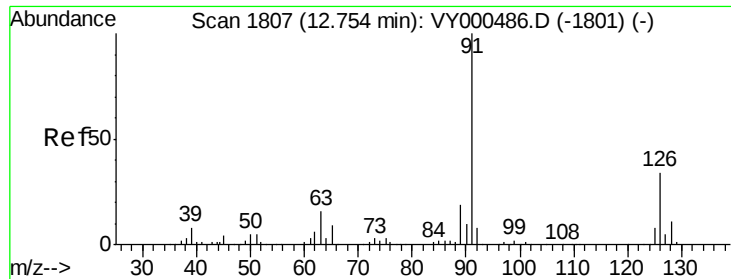
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	91	Resp:	801036
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.4	34.1





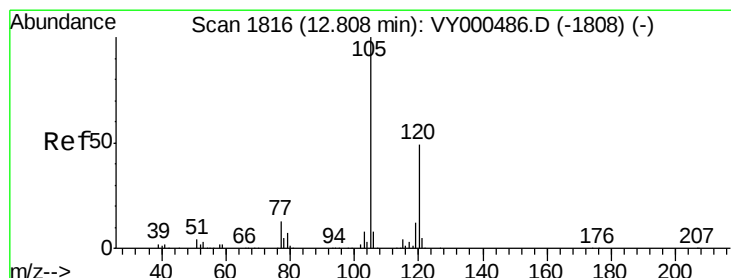
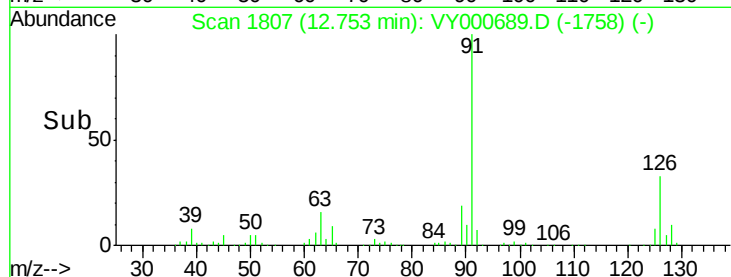
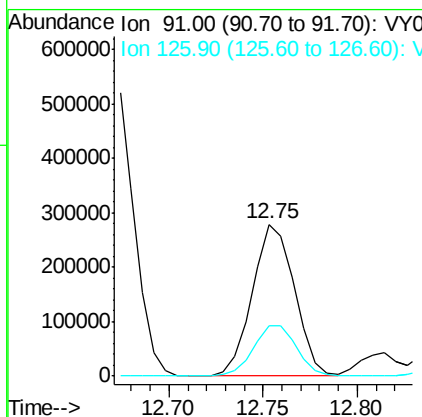
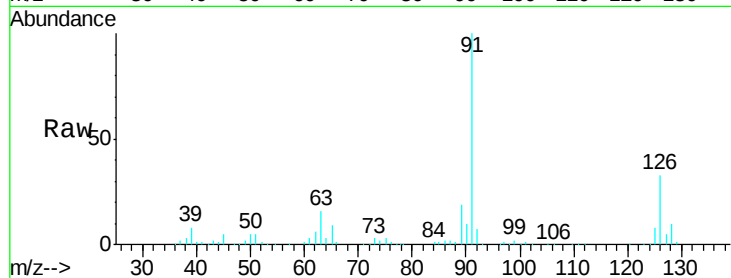
#79
2-Chlorotoluene
Concen: 55.858 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 434089
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

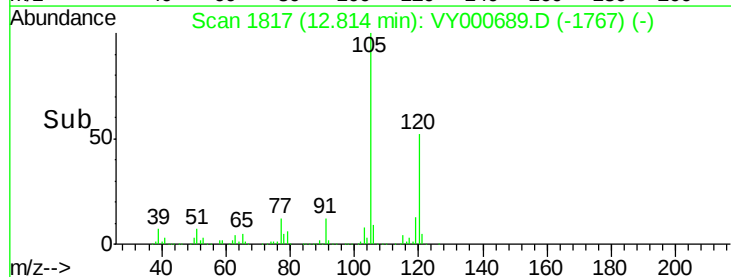
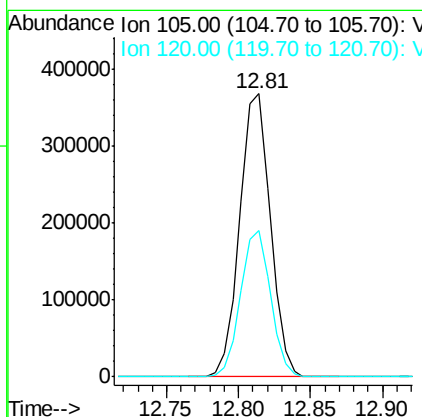
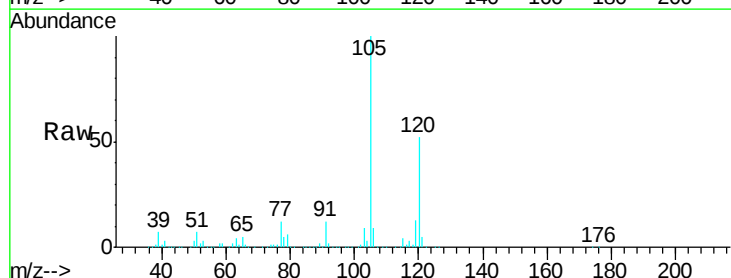
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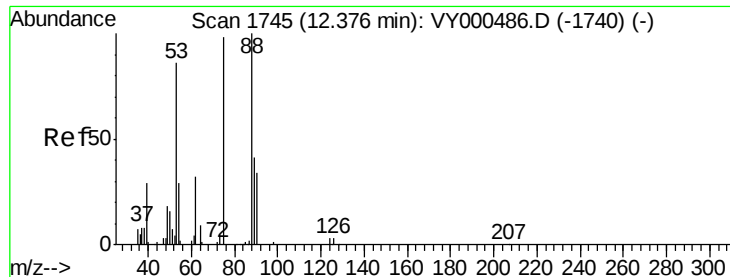
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#80
1,3,5-Trimethylbenzene
Concen: 56.333 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 105 Resp: 544310
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.8





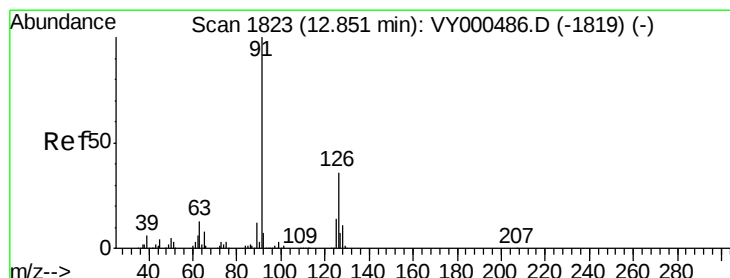
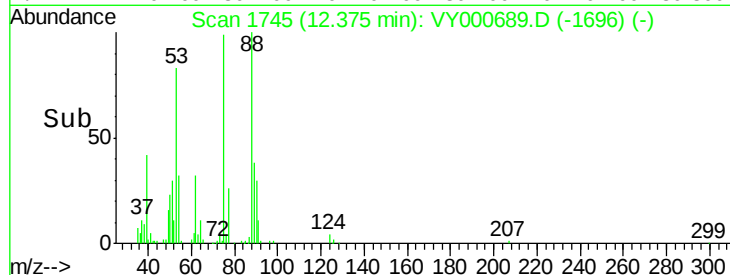
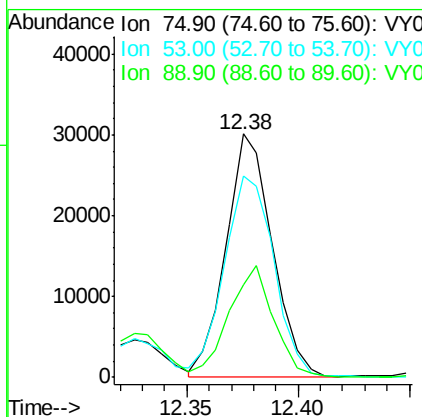
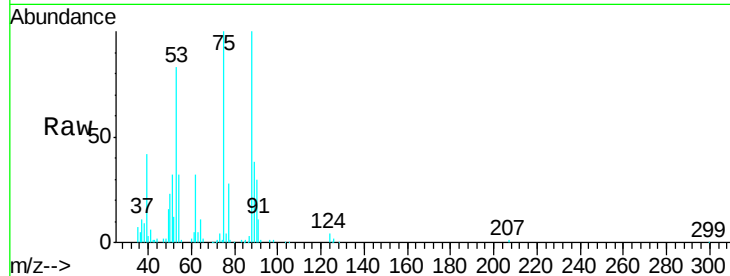
#81
trans-1,4-Dichloro-2-butene
Concen: 55.011 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.8	73.2	109.8
89	43.9	35.9	53.9

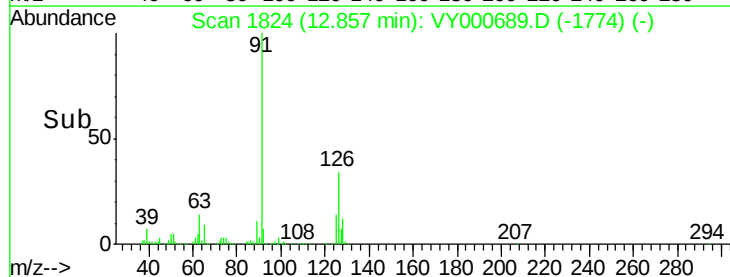
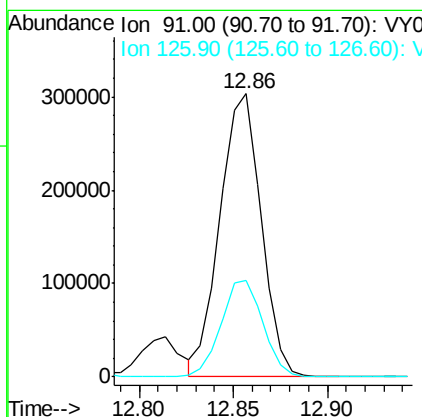
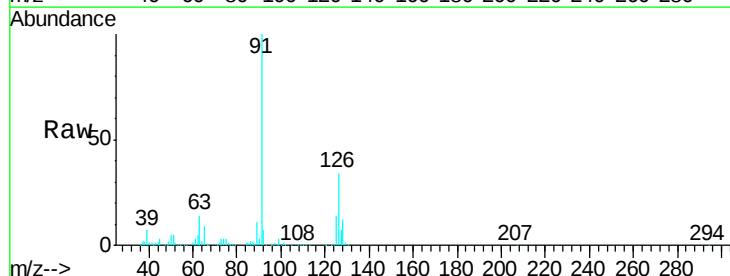
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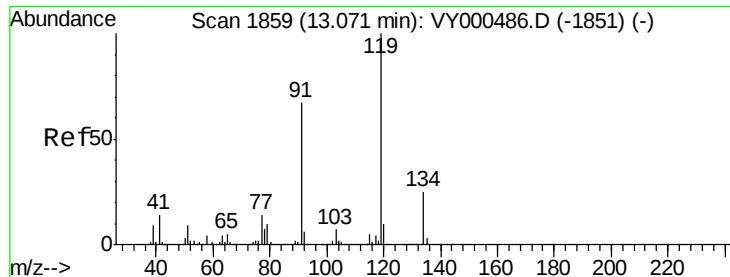
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#82
4-Chlorotoluene
Concen: 57.013 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.6	52.9





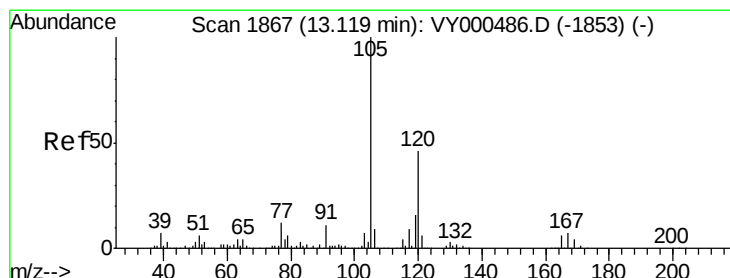
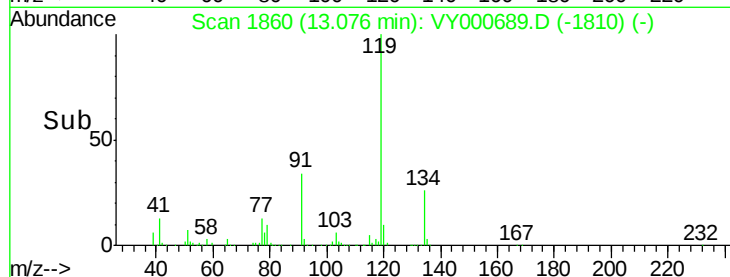
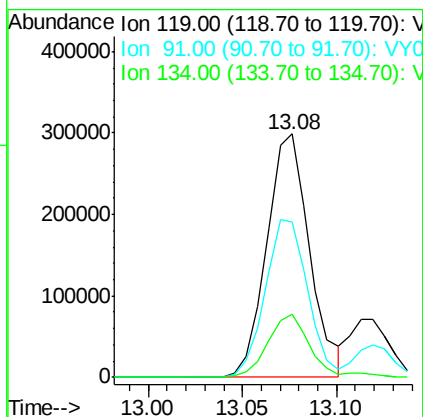
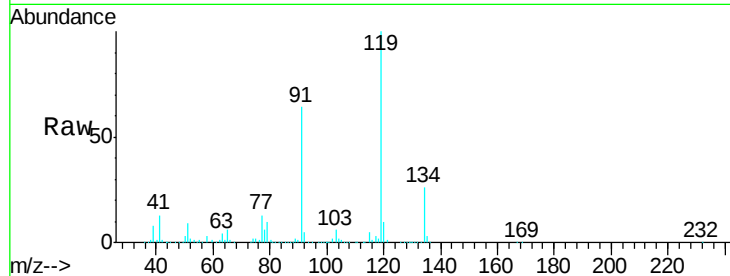
#83
 tert-Butylbenzene
 Concen: 57.125 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	471290		
91	64.4	32.1	96.3	
134	25.9	13.2	39.5	

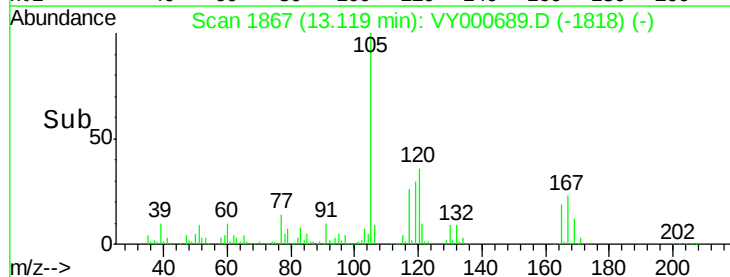
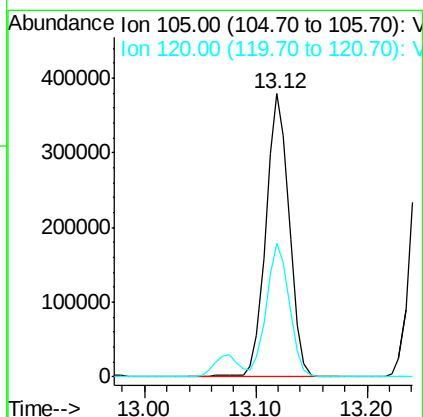
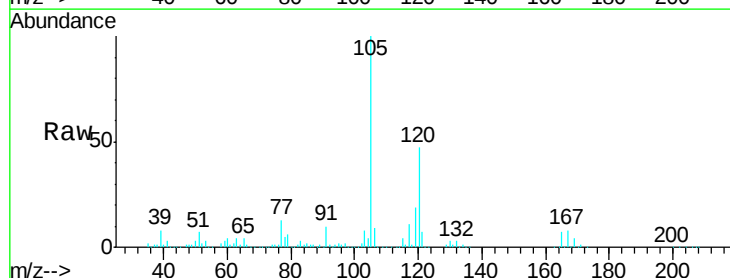
Manual Integrations
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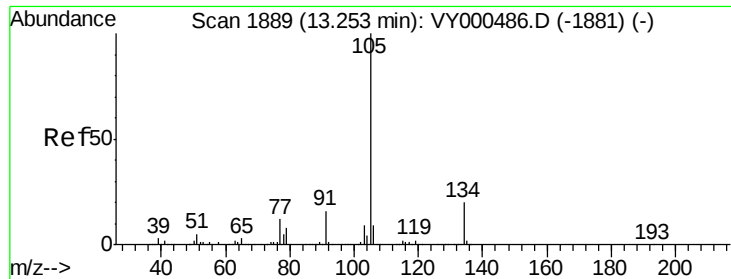
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.594 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	554079		
120	46.2	23.3	69.9	





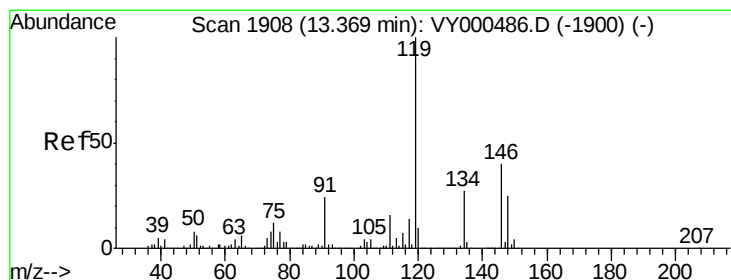
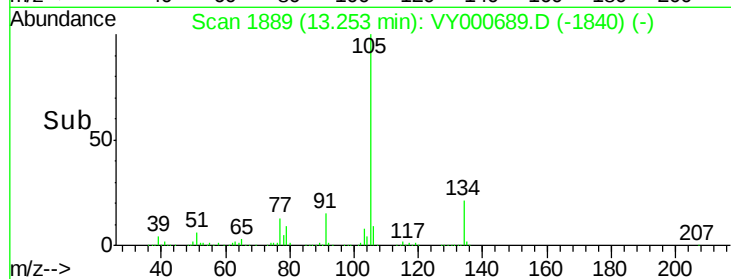
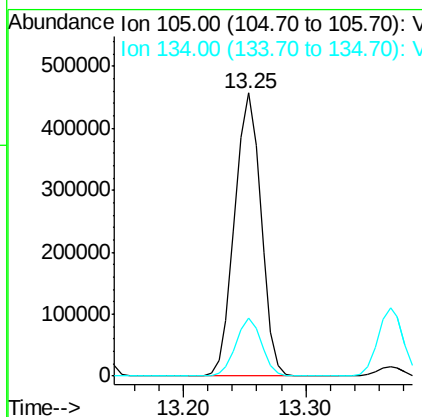
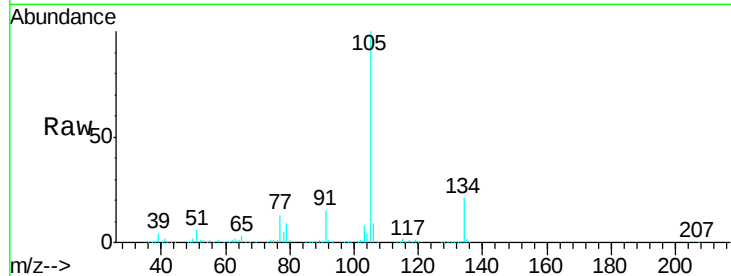
#85
 sec-Butylbenzene
 Concen: 57.934 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 680962
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

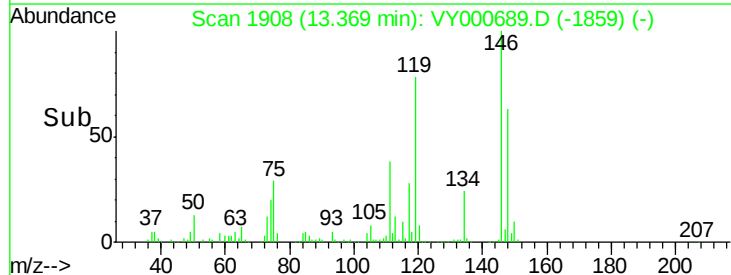
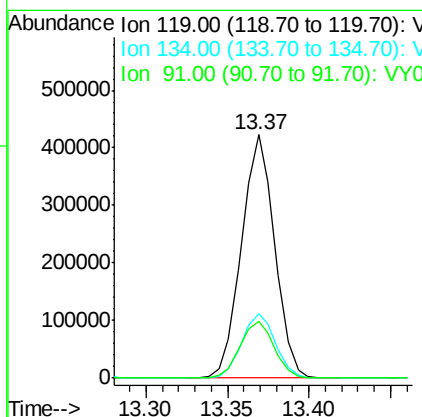
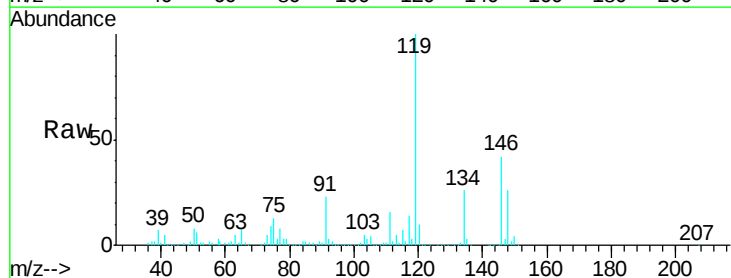
Manual Integrations
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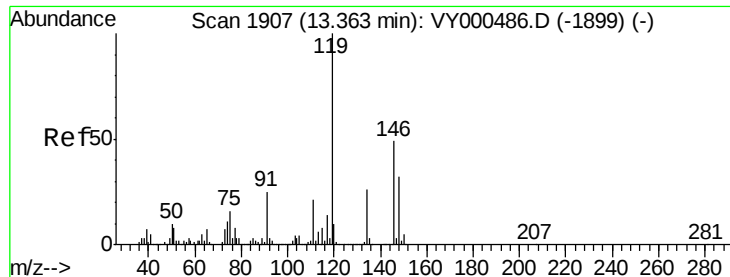
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#86
 p-Isopropyltoluene
 Concen: 57.002 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion:119 Resp: 597147
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 23.8 12.0 36.1





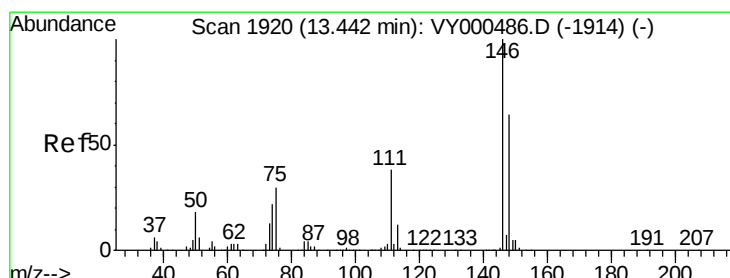
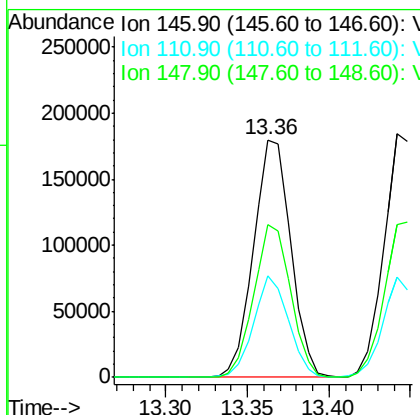
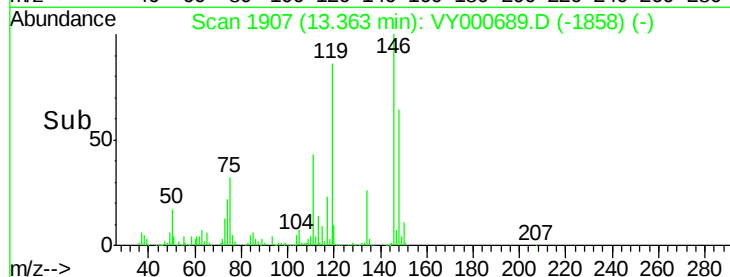
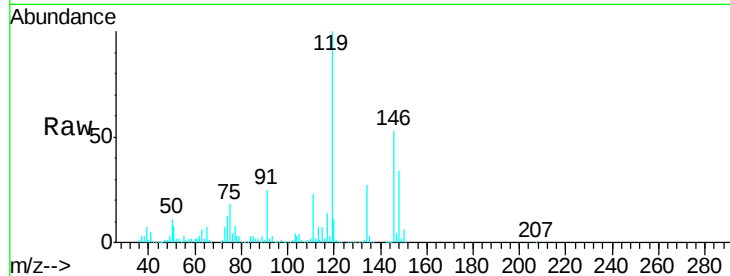
#87
 1,3-Dichlorobenzene
 Concen: 55.251 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284713		
111	40.4	20.3	60.8	
148	63.4	31.5	94.5	

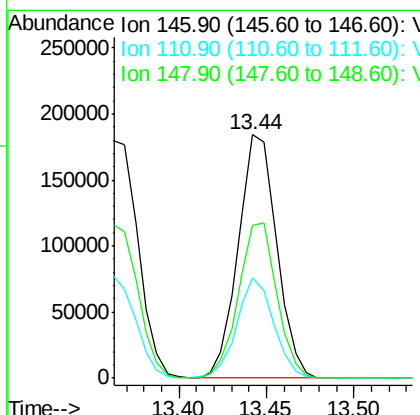
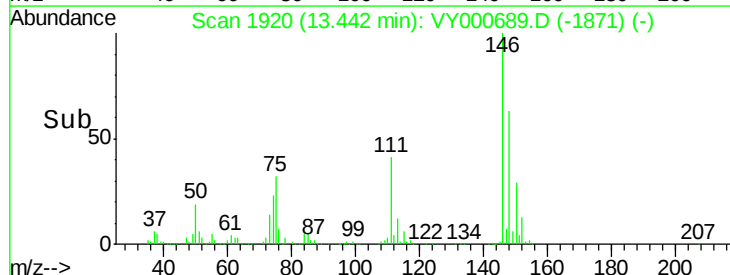
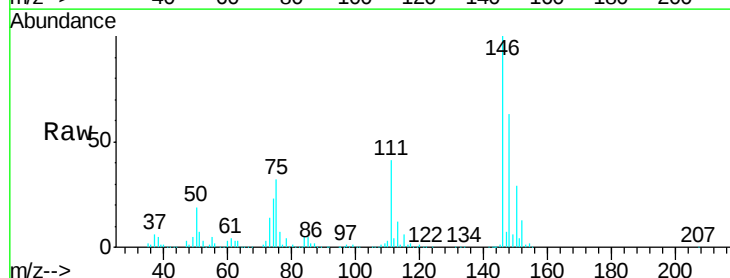
Manual Integrations
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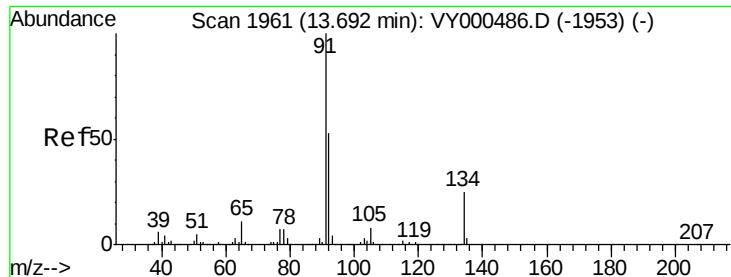
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#88
 1,4-Dichlorobenzene
 Concen: 54.866 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282524		
111	39.4	19.7	59.0	
148	63.5	31.9	95.7	





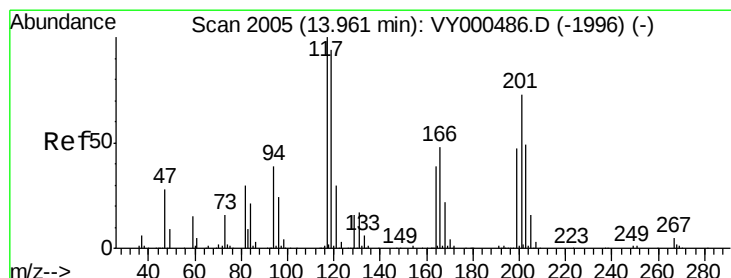
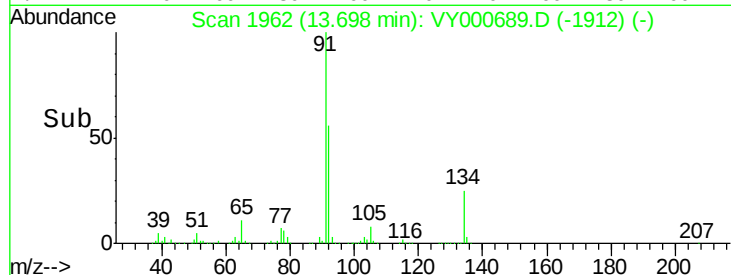
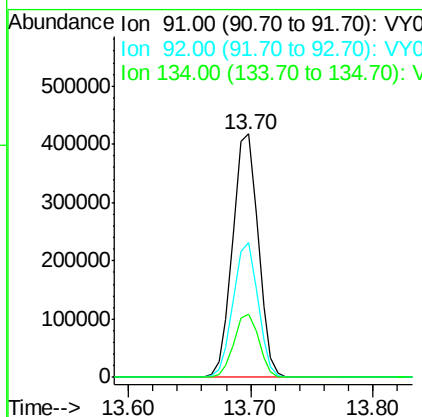
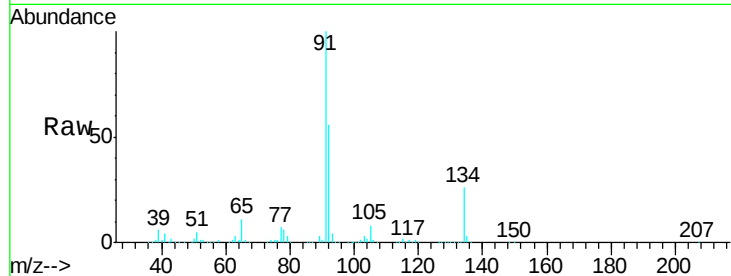
#89
n-Butylbenzene
Concen: 58.234 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	601692		
92	54.1	26.8	80.3	
134	25.6	12.9	38.7	

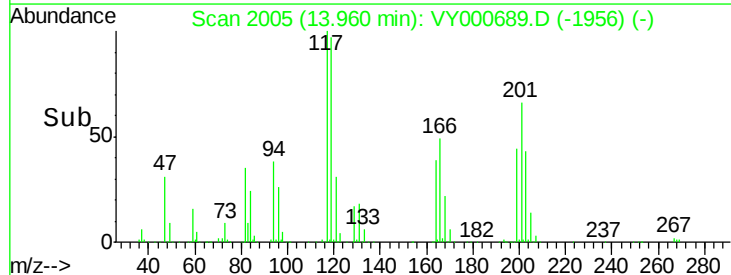
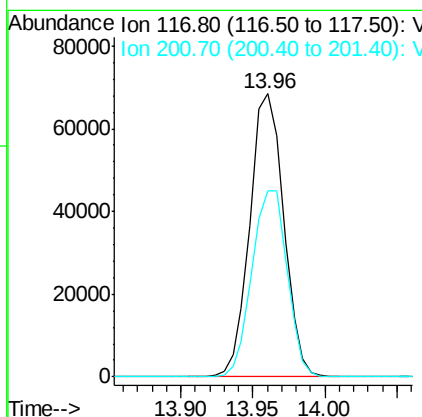
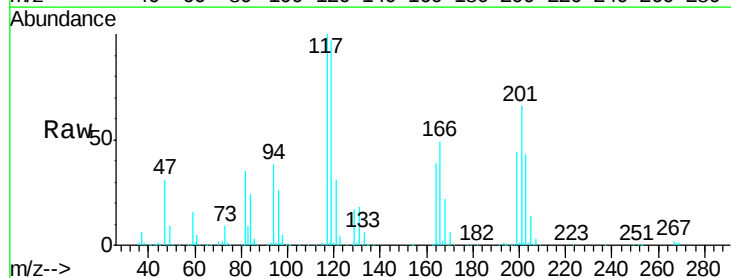
Manual Integrations
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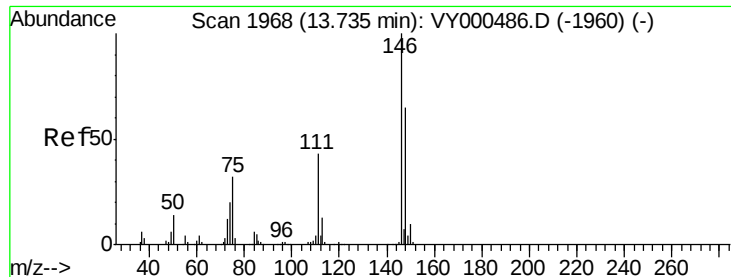
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#90
Hexachloroethane
Concen: 57.516 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111389		
201	68.5	35.8	107.3	





#91

1,2-Dichlorobenzene

Concen: 56.007 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

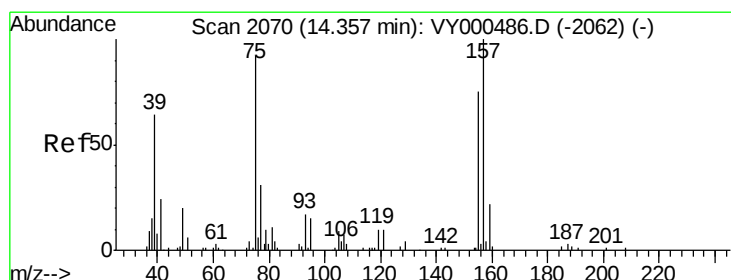
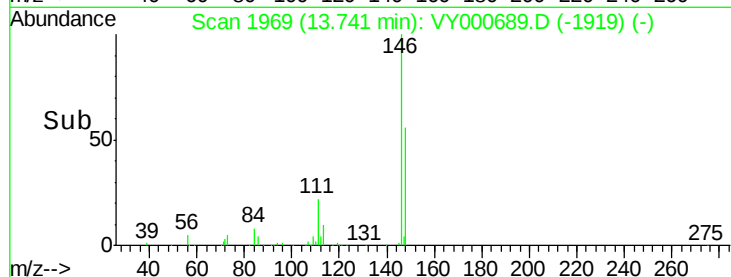
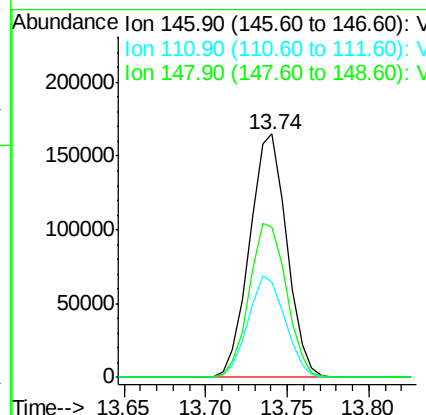
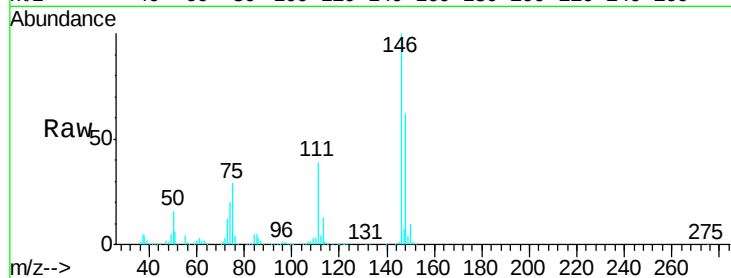
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	261859
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.5	61.5
148	63.9	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.492 ug/l

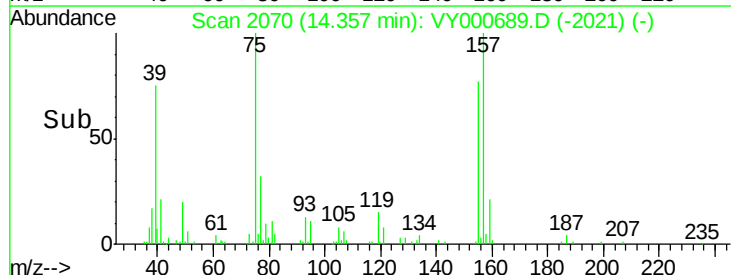
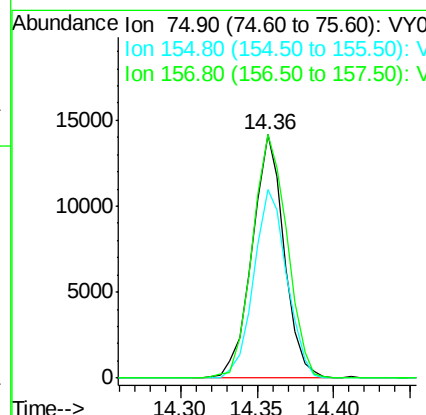
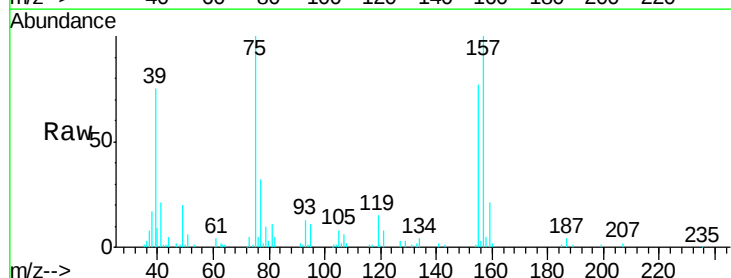
RT: 14.36 min Scan# 2070

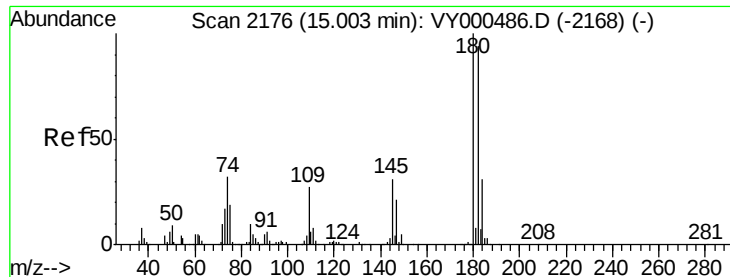
Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion:	75	Resp:	20527
Ion Ratio	Lower	Upper	
75	100		
155	80.2	42.4	127.1
157	109.0	55.1	165.3





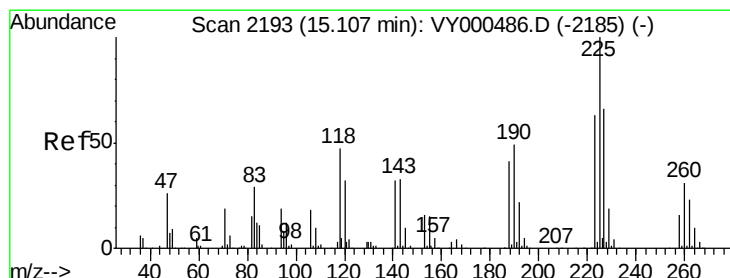
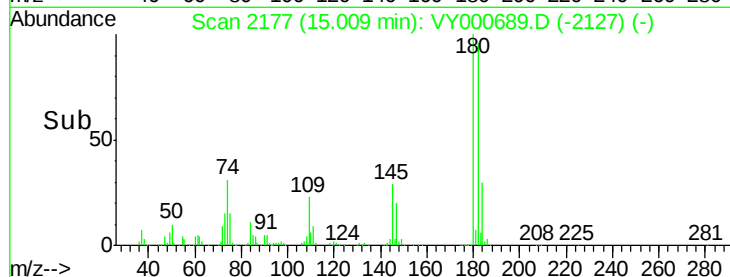
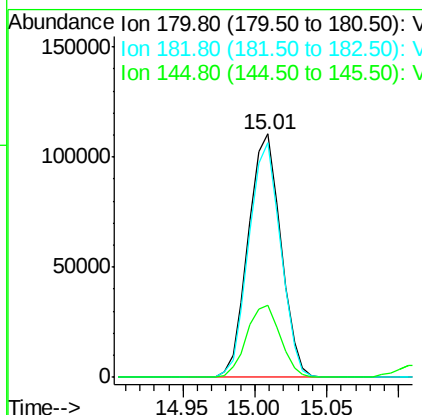
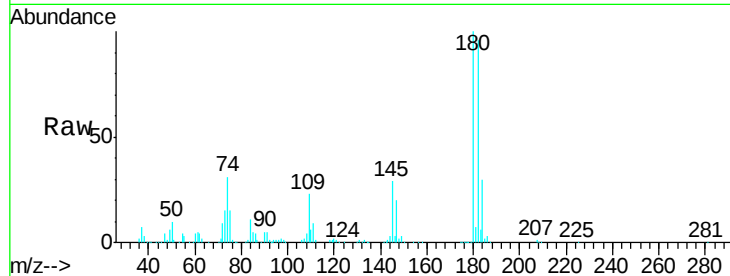
#93
 1,2,4-Trichlorobenzene
 Concen: 54.292 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172840		
182	94.1	47.8	143.4	
145	30.5	16.0	47.9	

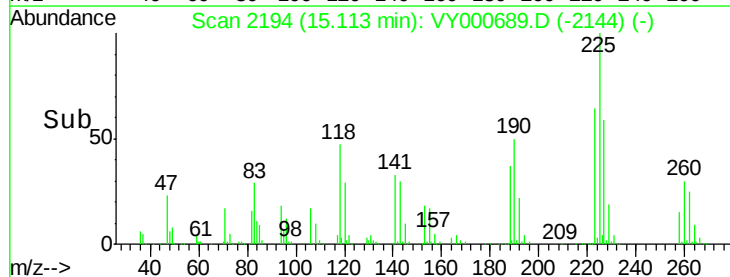
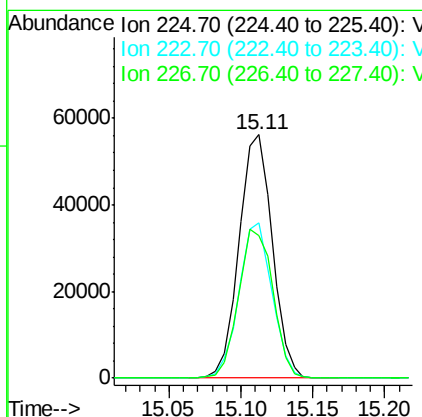
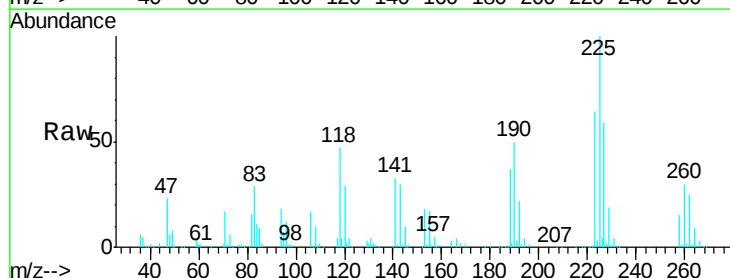
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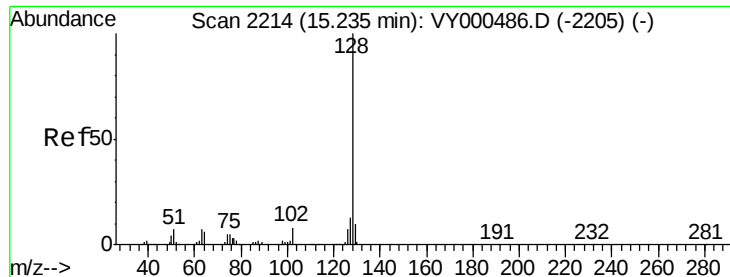
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#94
 Hexachlorobutadiene
 Concen: 54.890 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90076		
223	63.3	31.3	93.8	
227	63.0	32.4	97.0	





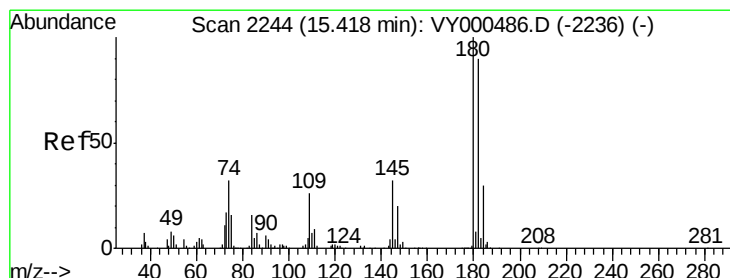
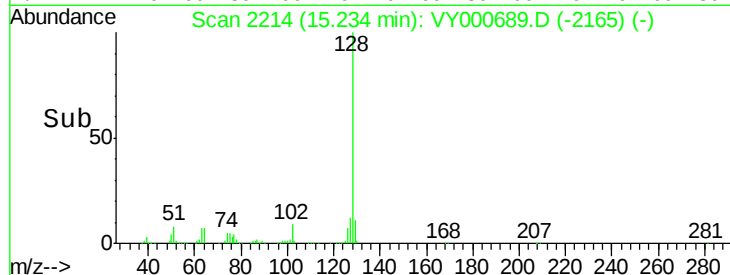
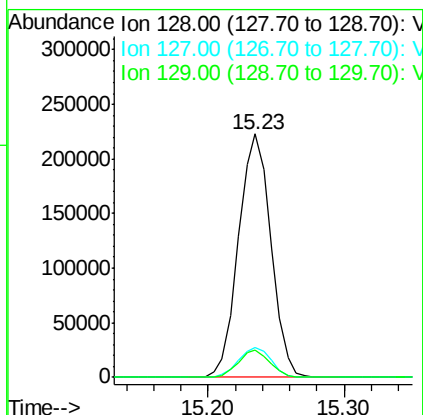
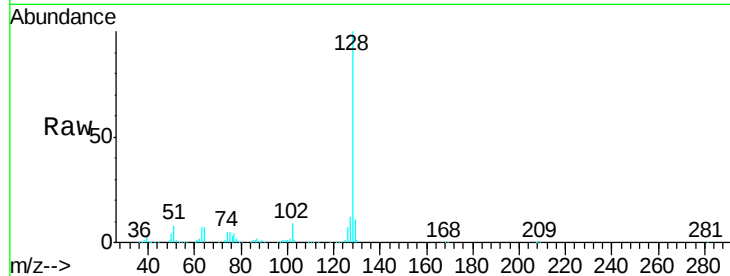
#95
Naphthalene
Concen: 52.346 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	369937		
127	12.3	9.8	14.6	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.498 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152795		
182	93.8	47.4	142.3	
145	32.1	15.7	47.0	

