

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000605.D
 Acq On : 08 Nov 2019 10:21
 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
 11/13/2019 11:05:45 AM

Quant Time: Nov 11 05:37:36 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	268320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	198151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	154922	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	
35) Dibromofluoromethane	7.73	113	140709	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.19	98	576764	58.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.36%	
62) 4-Bromofluorobenzene	12.49	95	209578	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	137539	52.072	ug/l	98
3) Chloromethane	2.12	50	183112	50.325	ug/l	99
4) Vinyl Chloride	2.26	62	169205	50.077	ug/l	99
5) Bromomethane	2.66	94	107771	53.189	ug/l	94
6) Chloroethane	2.80	64	113068	53.467	ug/l	97
7) Trichlorofluoromethane	3.13	101	247948	54.338	ug/l	98
8) Diethyl Ether	3.54	74	87035	53.680	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	146976	53.277	ug/l	96
10) Methyl Iodide	4.10	142	186207	51.198	ug/l	98
11) Tert butyl alcohol	5.00	59	58845	217.702	ug/l #	93
12) 1,1-Dichloroethene	3.88	96	142929	53.327	ug/l	92
13) Acrolein	3.74	56	59980	254.750	ug/l	98
14) Allyl chloride	4.49	41	246685	56.603	ug/l	99
15) Acrylonitrile	5.18	53	213962	257.605	ug/l	99
16) Acetone	3.97	43	179382	234.392	ug/l	99
17) Carbon Disulfide	4.20	76	437966	51.809	ug/l	99
18) Methyl Acetate	4.49	43	126071	52.980	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	399814	53.652	ug/l	97
20) Methylene Chloride	4.72	84	161318	49.193	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	159315	52.578	ug/l	97
22) Diisopropyl ether	6.13	45	542070	57.224	ug/l	93
23) Vinyl Acetate	6.08	43	1643287	274.811	ug/l	98
24) 1,1-Dichloroethane	6.04	63	283772	55.297	ug/l	97
25) 2-Butanone	7.00	43	323995	265.269	ug/l	99
26) 2,2-Dichloropropane	7.00	77	253142	53.978	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	180854	54.585	ug/l	99
28) Bromochloromethane	7.35	49	132600	56.112	ug/l	94
29) Tetrahydrofuran	7.36	42	187991	251.595	ug/l	99
30) Chloroform	7.52	83	286146	55.120	ug/l	93
31) Cyclohexane	7.80	56	279885	52.072	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	249390	53.903	ug/l	98
36) 1,1-Dichloropropene	7.93	75	224874	53.452	ug/l	99
37) Ethyl Acetate	7.09	43	127623	51.096	ug/l	98
38) Carbon Tetrachloride	7.91	117	225481	55.701	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	290427	53.435	ug/l	95
40) Benzene	8.17	78	662736	53.733	ug/l	98
41) Methacrylonitrile	7.33	41	73276m	52.589	ug/l	
42) 1,2-Dichloroethane	8.25	62	193482	55.309	ug/l	98
43) Isopropyl Acetate	8.28	43	256837	54.740	ug/l	99
44) Trichloroethene	8.95	130	175347	53.920	ug/l	99
45) 1,2-Dichloropropane	9.22	63	168033	55.354	ug/l	94
46) Dibromomethane	9.31	93	90724	54.343	ug/l	97
47) Bromodichloromethane	9.50	83	221480	55.911	ug/l	98
48) Methyl methacrylate	9.30	41	115131	56.161	ug/l	95
49) 1,4-Dioxane	9.32	88	20881	929.342	ug/l #	68
51) 4-Methyl-2-Pentanone	10.08	43	683857	274.135	ug/l	99
52) Toluene	10.25	92	427177	54.781	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	243109	57.437	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	269501	55.579	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	128713	53.304	ug/l	99
56) Ethyl methacrylate	10.52	69	193709	56.600	ug/l	99
57) 1,3-Dichloropropane	10.80	76	232578	55.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	407747	263.532	ug/l	99
59) 2-Hexanone	10.84	43	554563	305.116	ug/l	100
60) Dibromochloromethane	10.99	129	152165	55.016	ug/l	100
61) 1,2-Dibromoethane	11.10	107	125009	53.843	ug/l	98
64) Tetrachloroethene	10.72	164	169112	50.397	ug/l	94
65) Chlorobenzene	11.52	112	442858	53.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	157637	55.243	ug/l	98
67) Ethyl Benzene	11.60	91	829065	54.750	ug/l	99
68) m/p-Xylenes	11.70	106	628522	107.240	ug/l	96
69) o-Xylene	12.03	106	293694	53.319	ug/l	99
70) Styrene	12.05	104	516365	54.746	ug/l	99
71) Bromoform	12.21	173	90762	55.300	ug/l #	98
73) Isopropylbenzene	12.33	105	813879	55.574	ug/l	100
74) N-amyl acetate	12.14	43	239741	57.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	159525	55.014	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	104841m	46.468	ug/l	
77) Bromobenzene	12.61	156	175764	52.925	ug/l	95
78) n-propylbenzene	12.67	91	980697	55.500	ug/l	99
79) 2-Chlorotoluene	12.76	91	548236	55.887	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	676819	55.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	57796	57.435	ug/l	97
82) 4-Chlorotoluene	12.86	91	574563	56.503	ug/l	97
83) tert-Butylbenzene	13.08	119	564265	54.182	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	676618	55.716	ug/l	99
85) sec-Butylbenzene	13.25	105	816905	55.057	ug/l	100
86) p-Isopropyltoluene	13.37	119	726194	54.916	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	348250	53.537	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	347086	53.397	ug/l	100
89) n-Butylbenzene	13.70	91	713852	54.732	ug/l	99
90) Hexachloroethane	13.96	117	138288	56.567	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	319779	54.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26532	51.700	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	206320	51.341	ug/l	99
94) Hexachlorobutadiene	15.11	225	107688	51.985	ug/l	99
95) Naphthalene	15.23	128	462636	51.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	182878	50.725	ug/l	98

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

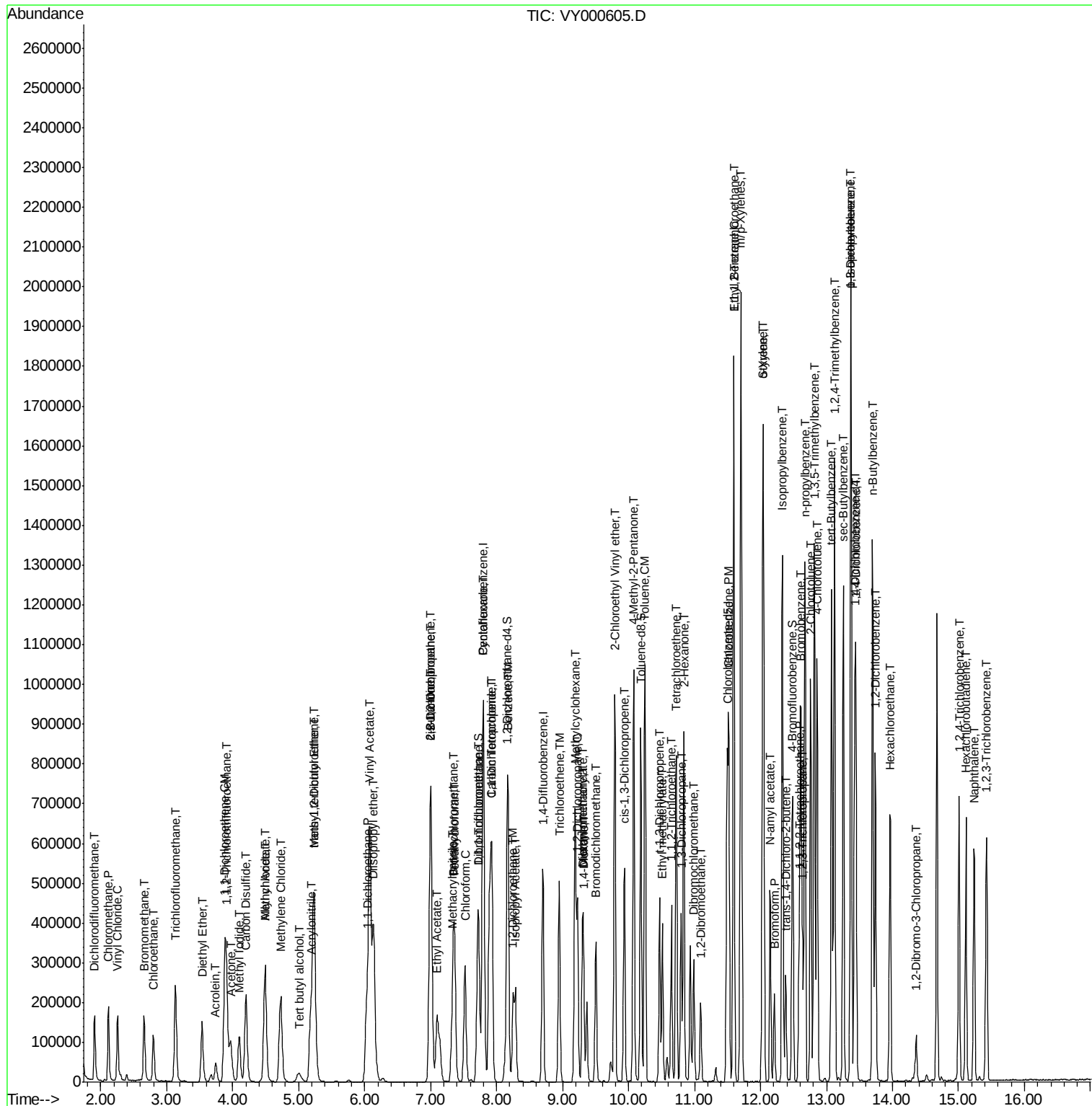
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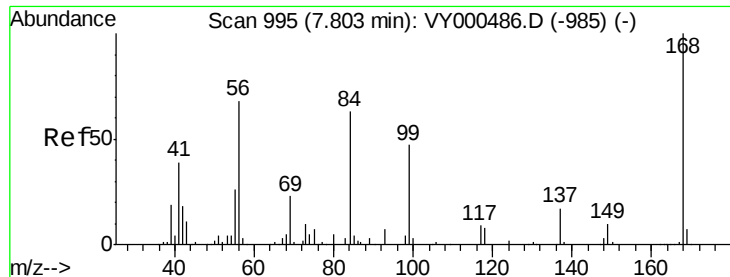
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 268320

Ion Ratio Lower Upper

168 100

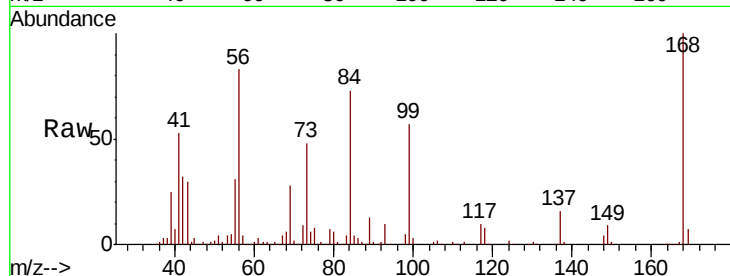
99 57.2 45.7 68.5

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) (-)

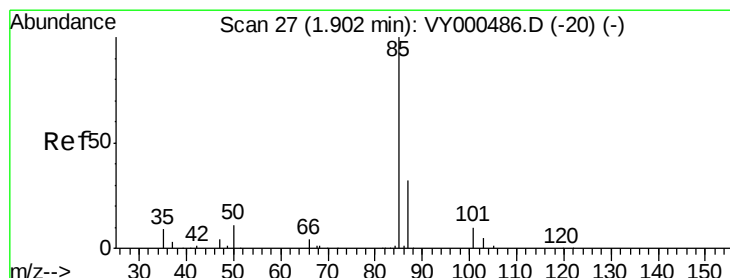
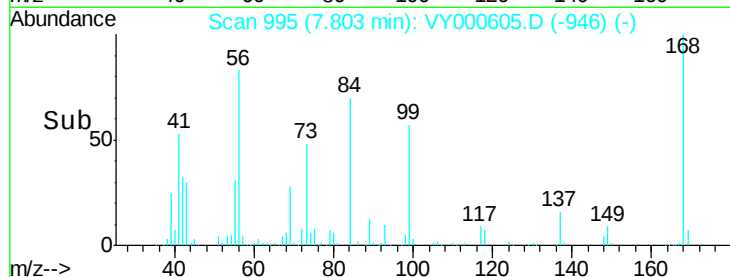
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.072 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000605.D

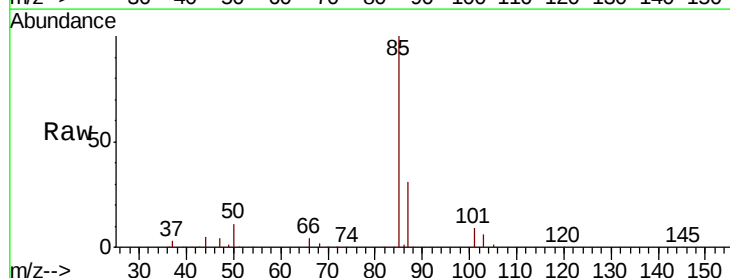
Acq: 08 Nov 2019 10:21

Tgt Ion: 85 Resp: 137539

Ion Ratio Lower Upper

85 100

87 30.8 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) (-)

1.91

100000

80000

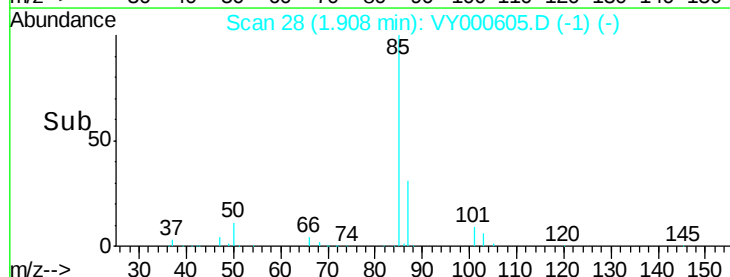
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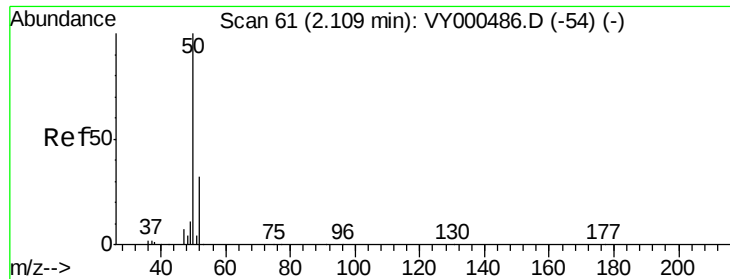
40000

20000

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Time-->





#3

Chloromethane

Concen: 50.325 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 183112

Ion Ratio Lower Upper

50 100

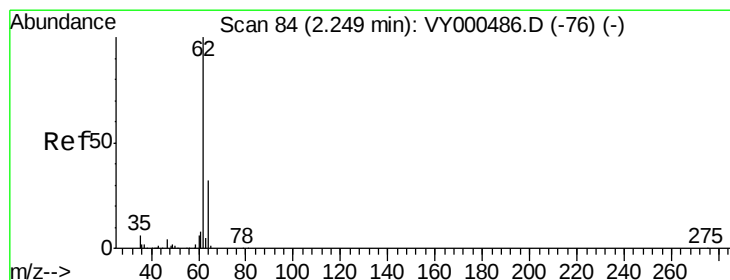
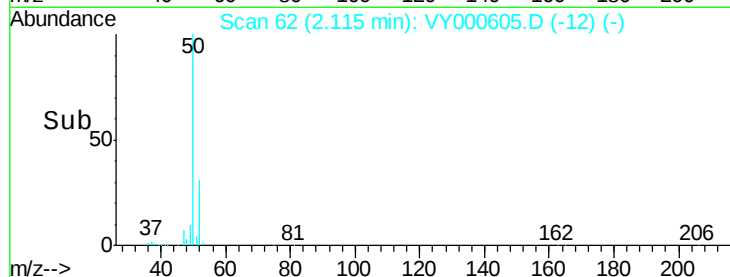
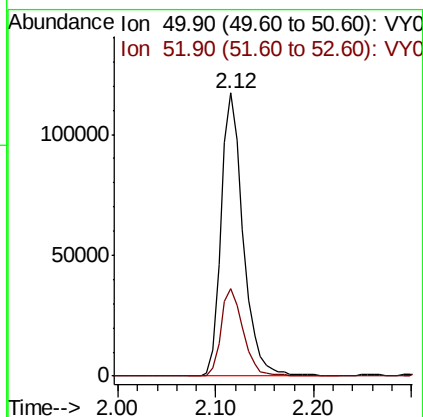
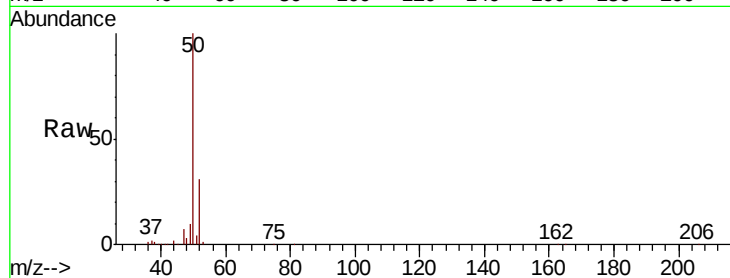
52 30.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.077 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000605.D

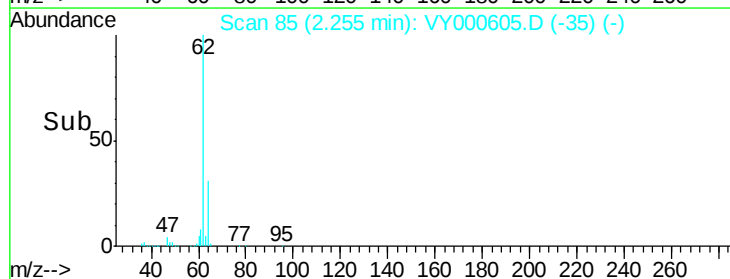
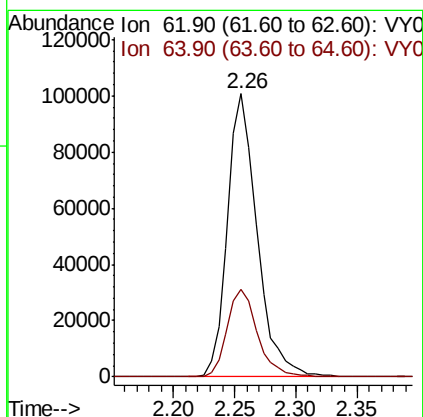
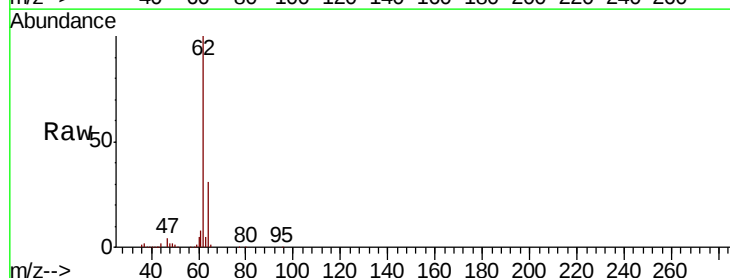
Acq: 08 Nov 2019 10:21

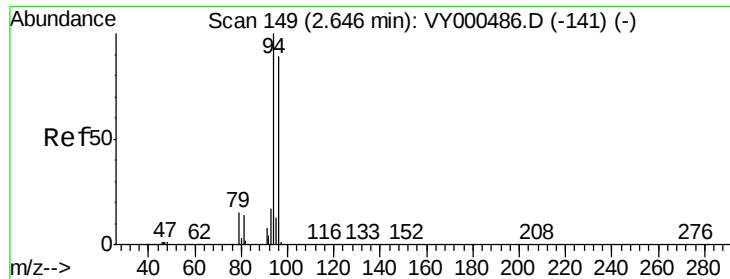
Tgt Ion: 62 Resp: 169205

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 53.189 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 107771

Ion Ratio Lower Upper

94 100

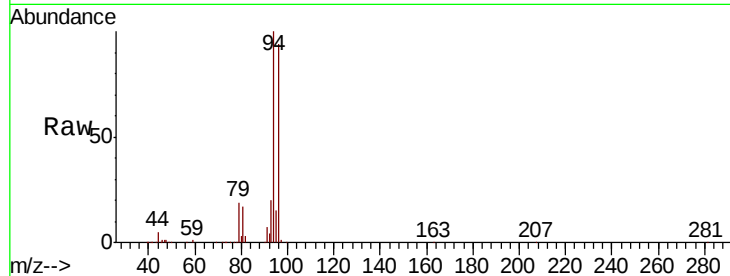
96 94.3 71.2 106.8

Manual Integrations

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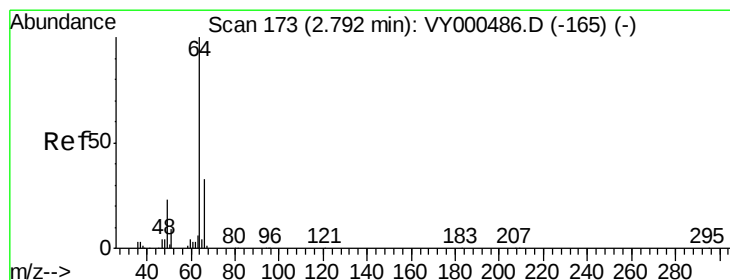
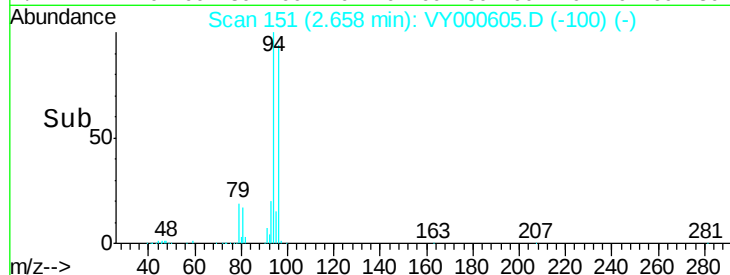
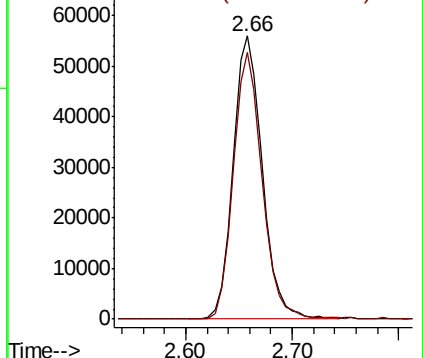
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.467 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000605.D

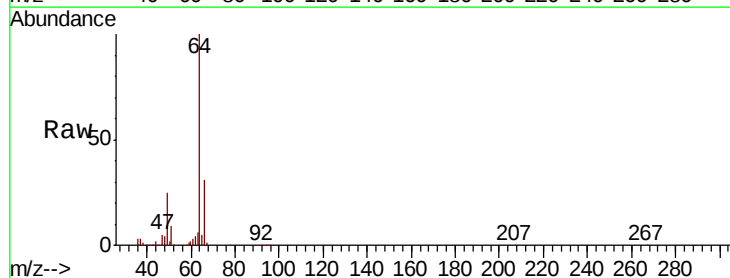
Acq: 08 Nov 2019 10:21

Tgt Ion: 64 Resp: 113068

Ion Ratio Lower Upper

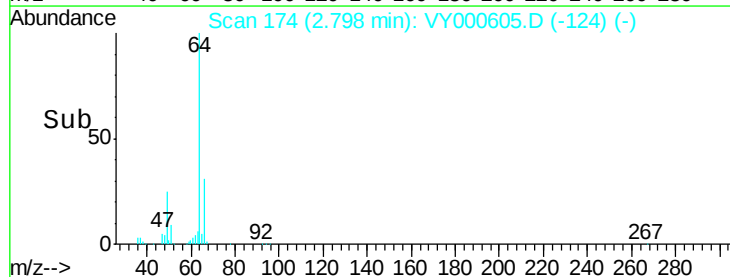
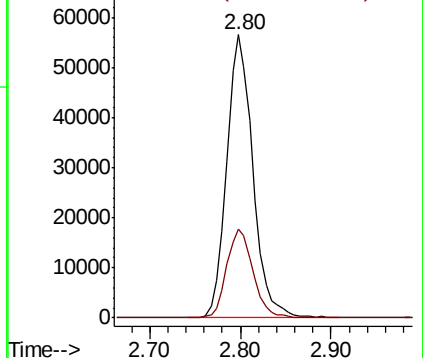
64 100

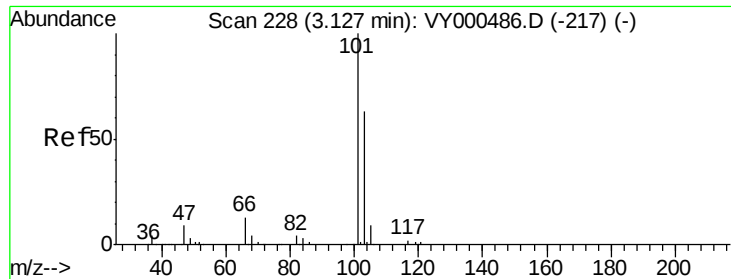
66 31.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

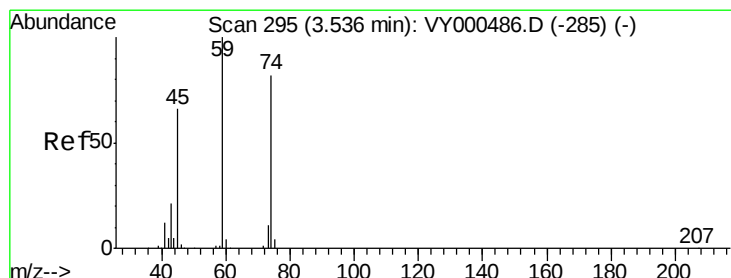
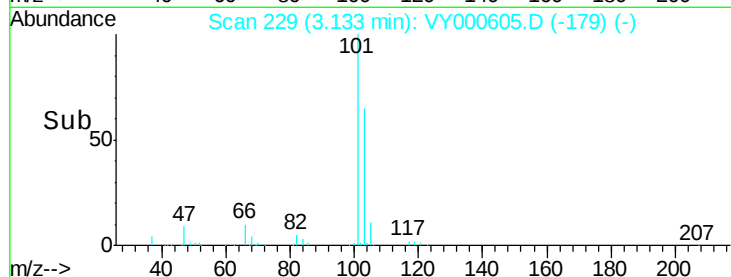
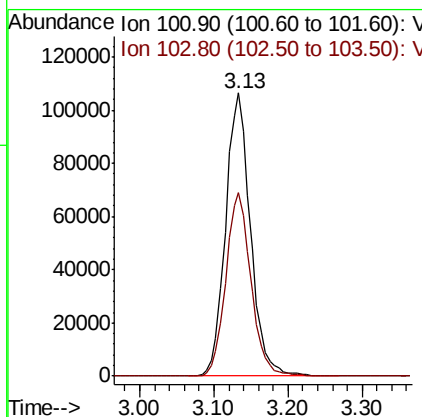
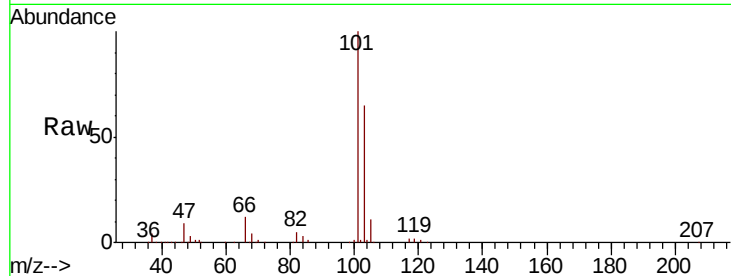
Trichlorofluoromethane
 Concen: 54.338 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.5	75.7

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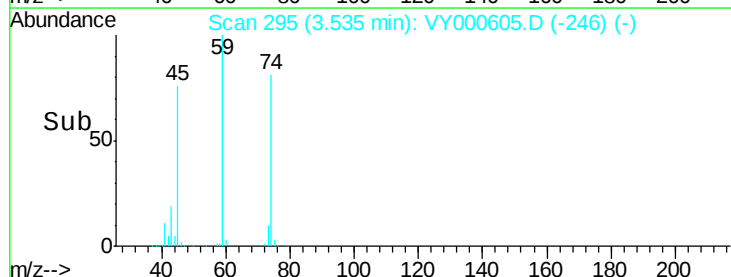
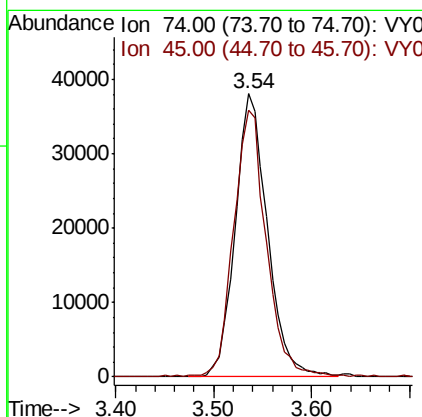
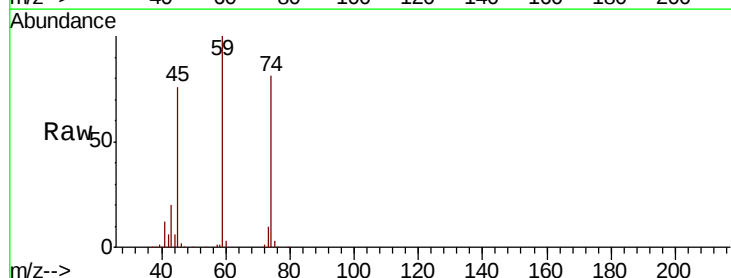
MMDadoda
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#8

Diethyl Ether
 Concen: 53.680 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000605.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.277 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000605.D

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MSVOA_Y

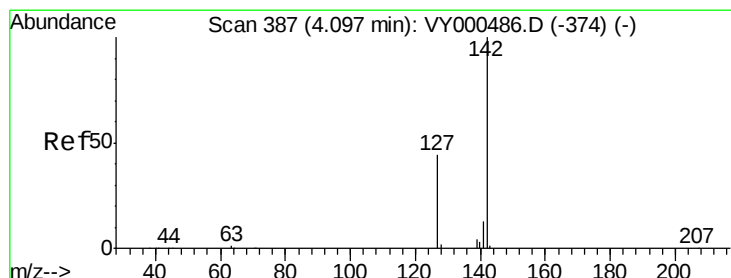
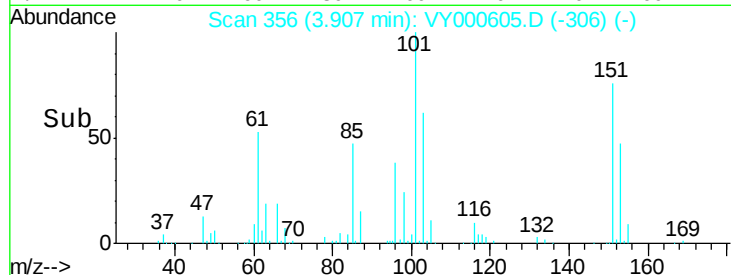
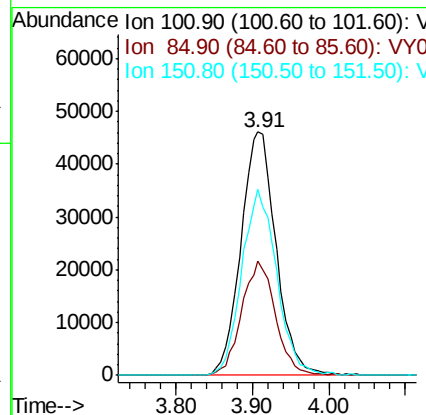
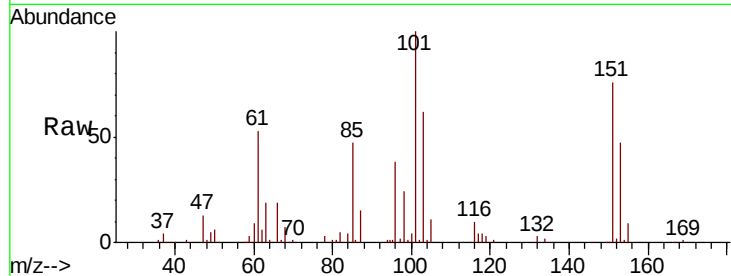
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	146976
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	75.7	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 51.198 ug/l

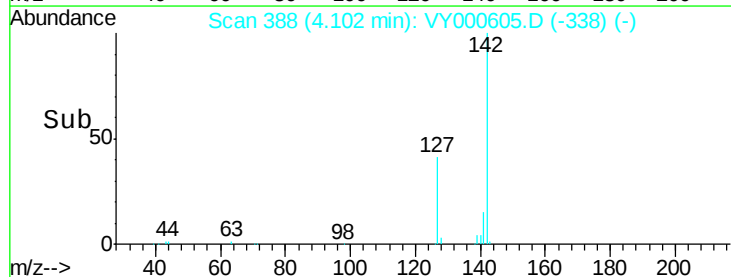
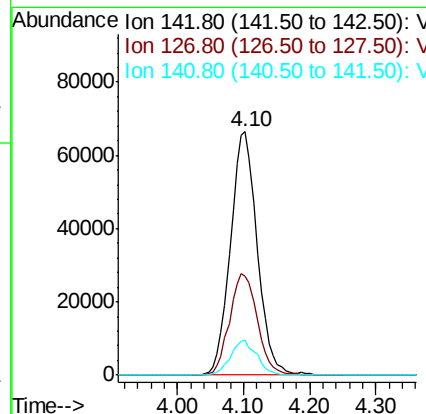
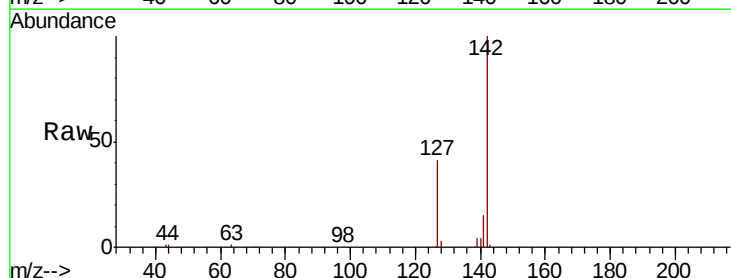
RT: 4.10 min Scan# 388

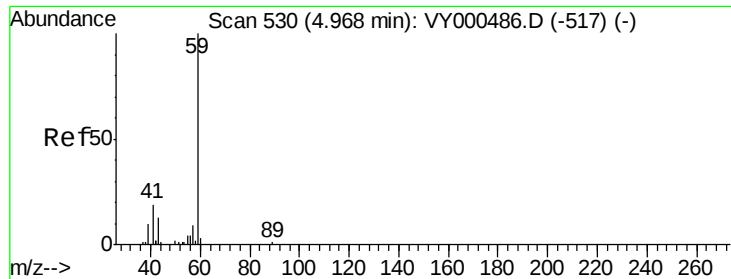
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	142	Resp:	186207
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.7	50.5
141	14.0	10.9	16.3





#11

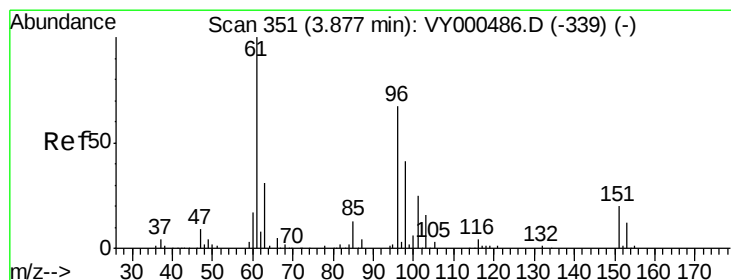
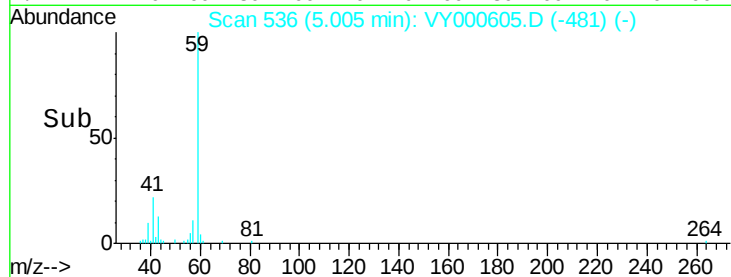
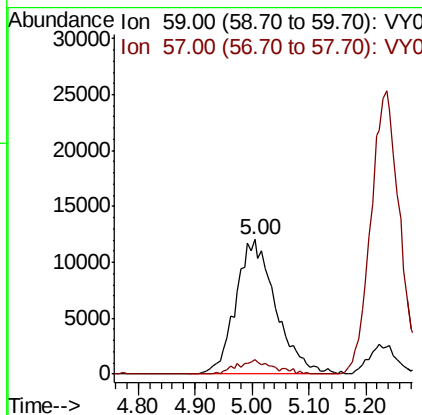
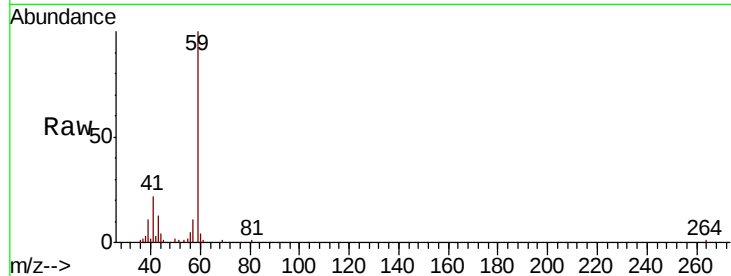
Tert butyl alcohol
Concen: 217.702 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.04 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 58845
Ion Ratio Lower Upper
59 100
57 8.2 8.6 12.8#

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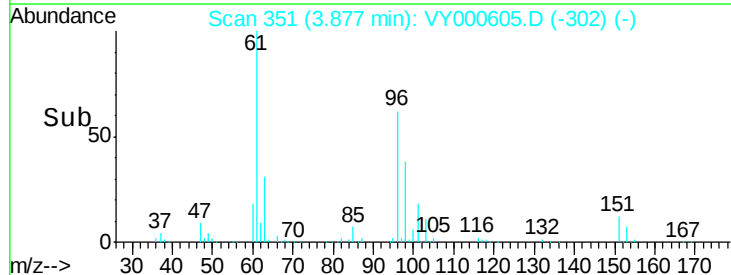
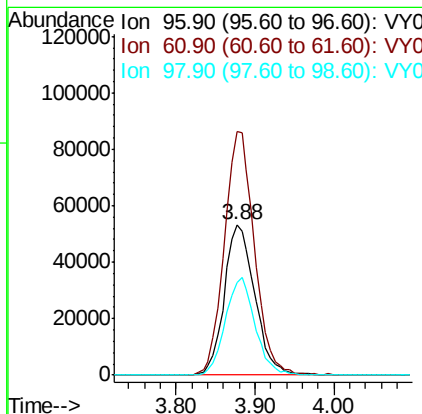
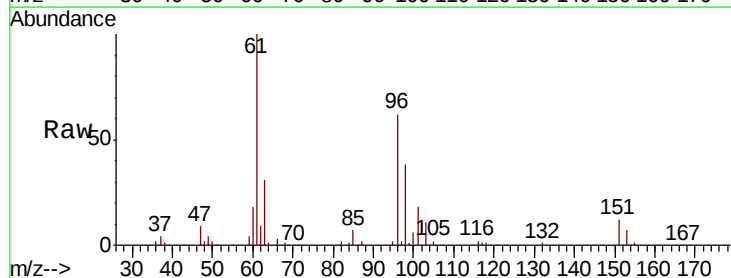
MMDadoda
11/13/2019 11:05:45 AM

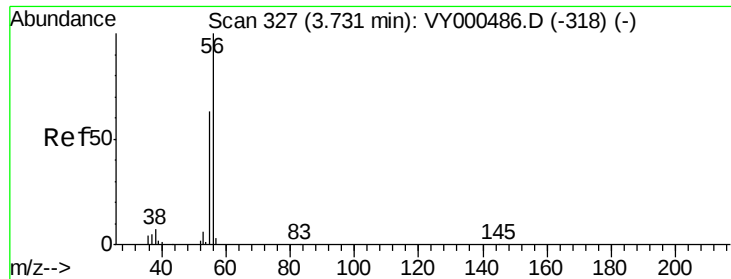


#12

1,1-Dichloroethene
Concen: 53.327 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion: 96 Resp: 142929
Ion Ratio Lower Upper
96 100
61 162.0 119.2 178.8
98 61.7 48.6 73.0





#13

Acrolein

Concen: 254.750 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 59980

Ion Ratio Lower Upper

56 100

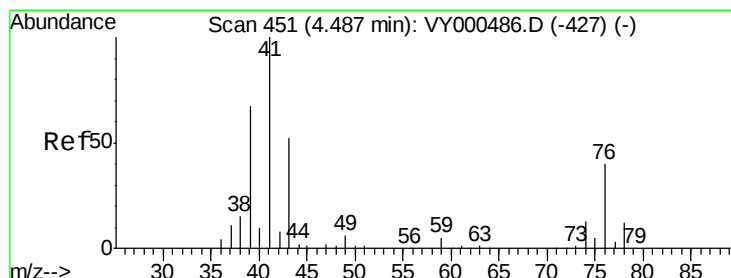
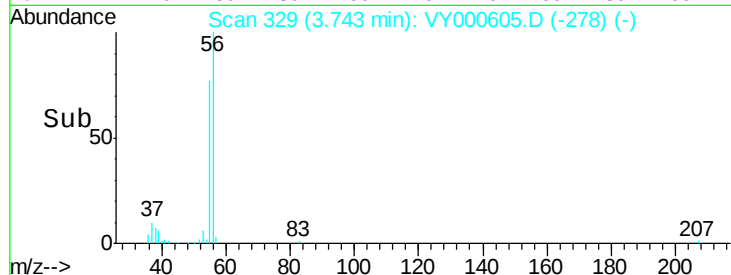
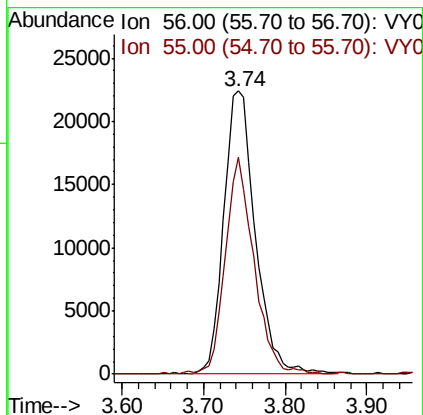
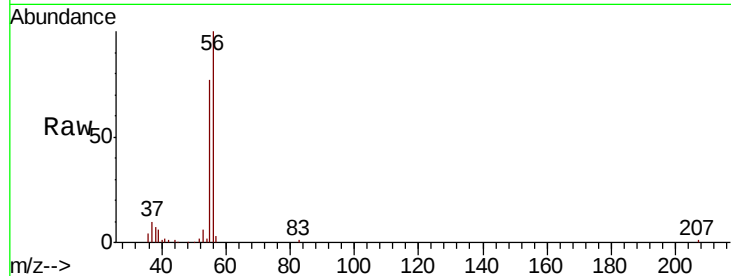
55 69.8 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 56.603 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

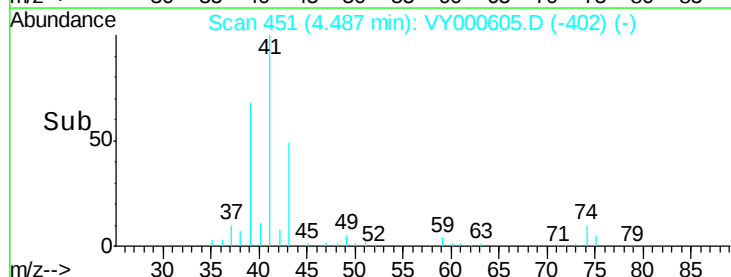
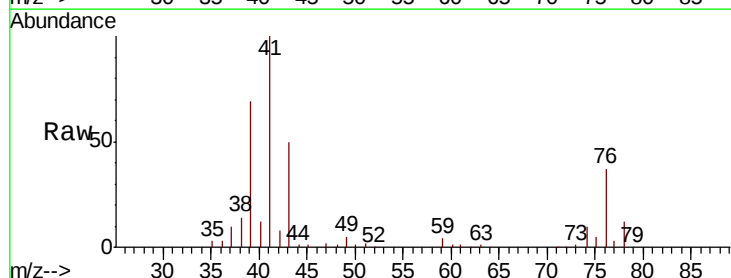
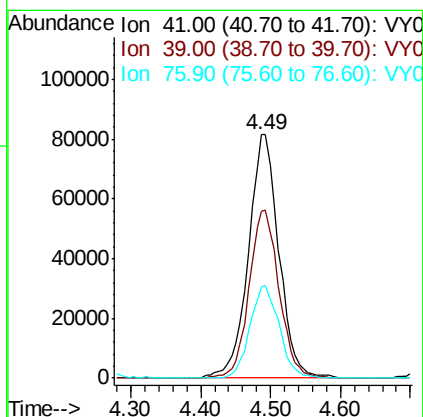
Tgt Ion: 41 Resp: 246685

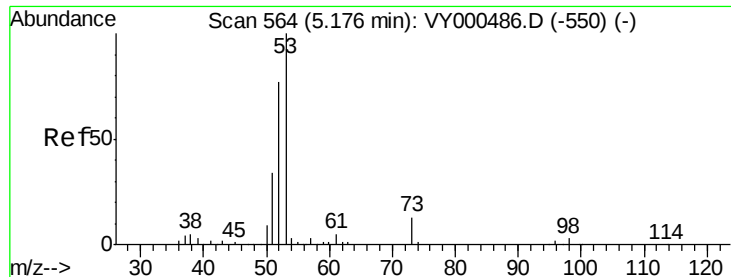
Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 257.605 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

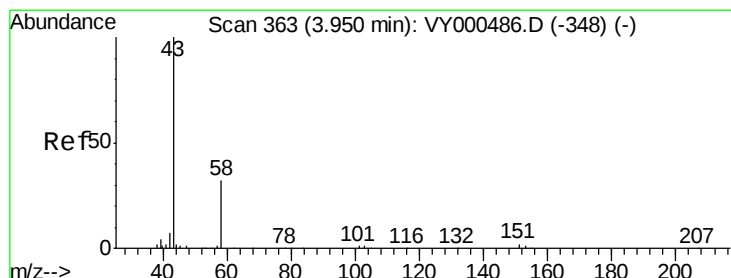
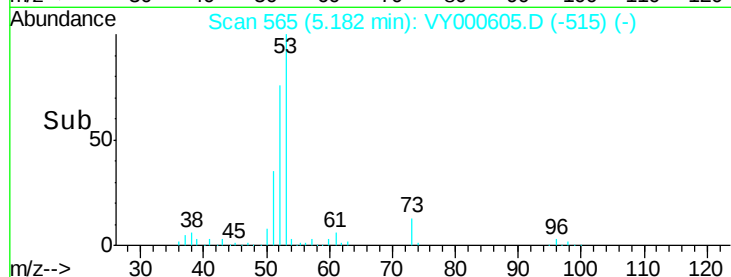
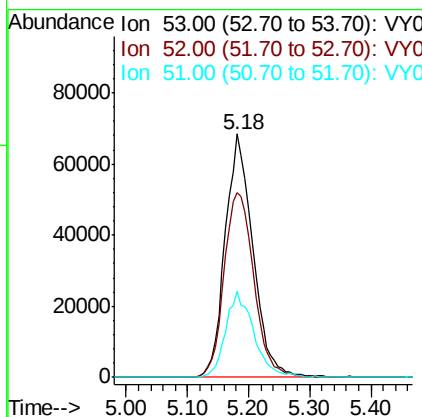
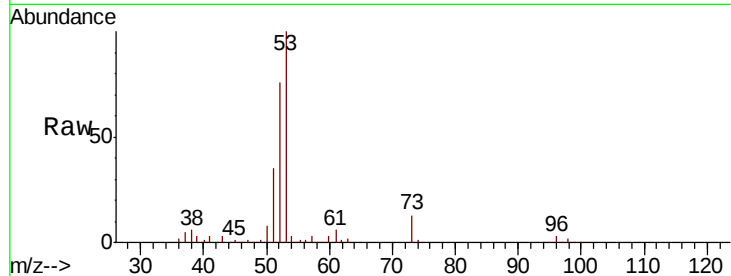
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	213962
Ion Ratio	Lower	Upper	
53	100		
52	81.0	64.9	97.3
51	35.8	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 234.392 ug/l

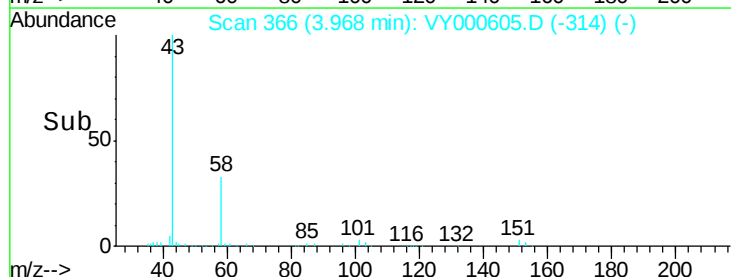
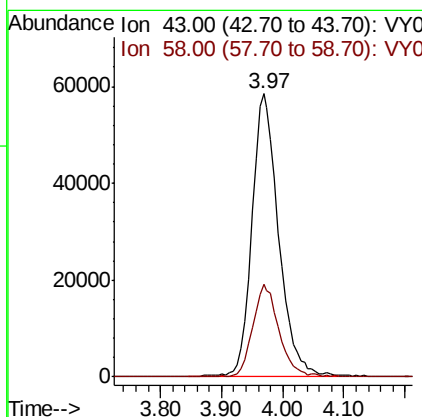
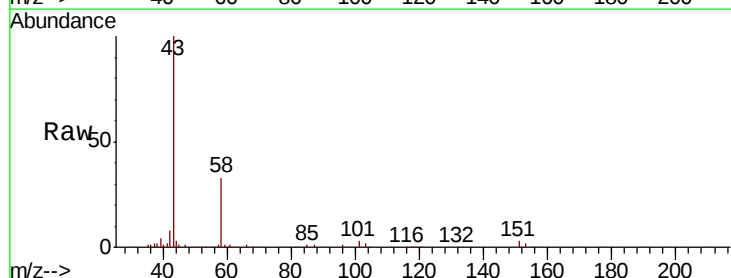
RT: 3.97 min Scan# 366

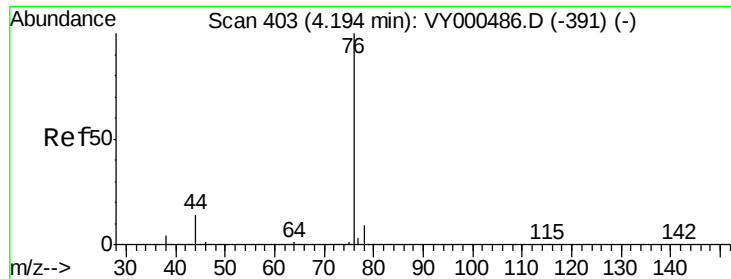
Delta R.T. 0.02 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	43	Resp:	179382
Ion Ratio	Lower	Upper	
43	100		
58	32.7	25.8	38.6





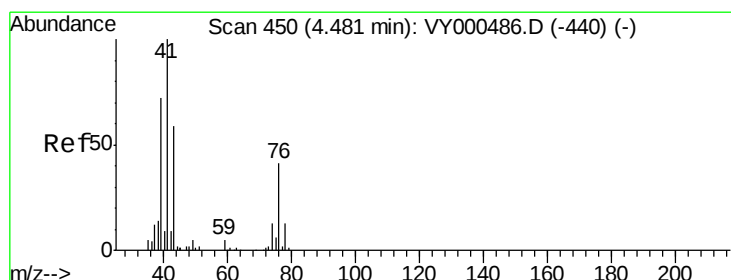
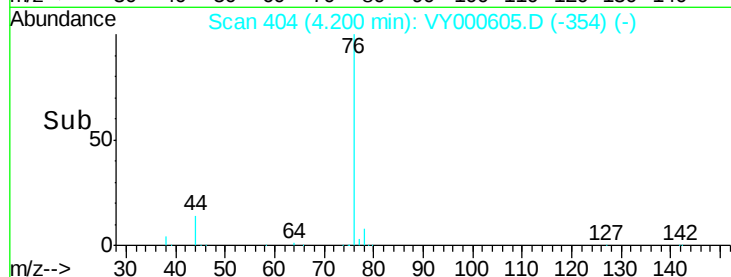
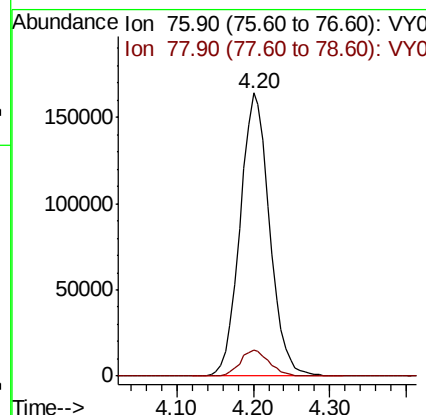
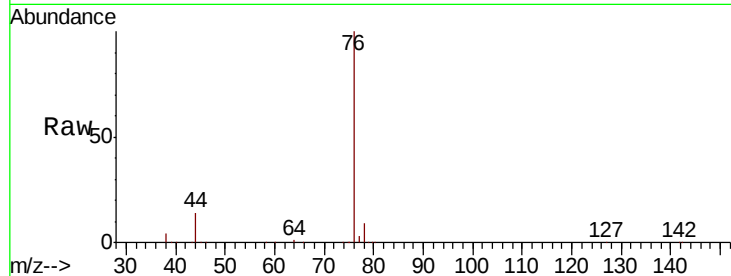
#17
Carbon Disulfide
Concen: 51.809 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

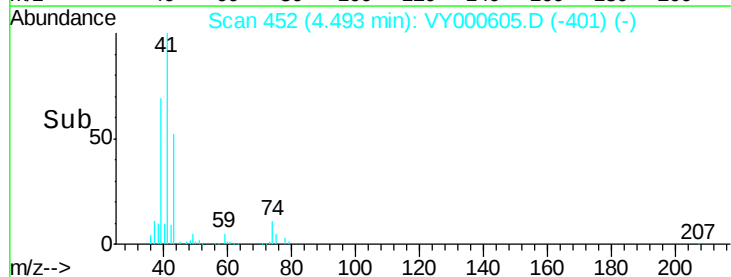
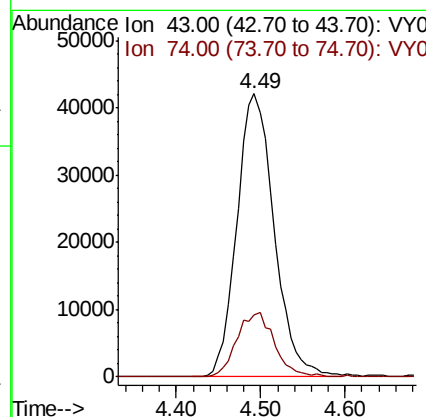
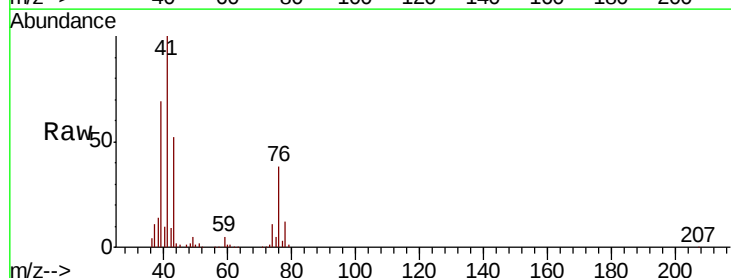
Manual Integrations
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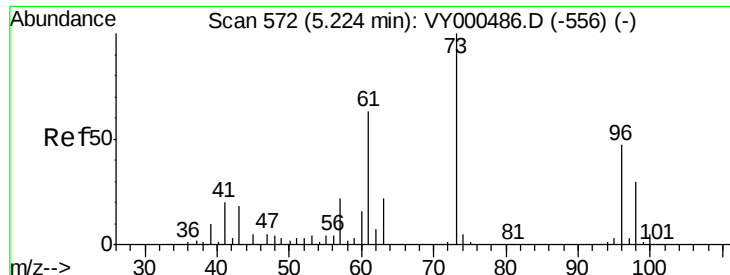
MMDadoda
11/13/2019 11:05:45 AM



#18
Methyl Acetate
Concen: 52.980 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.2	28.8





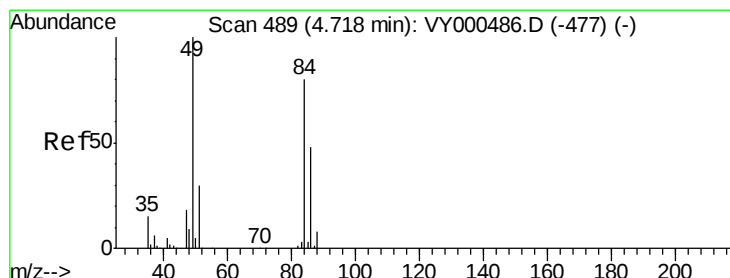
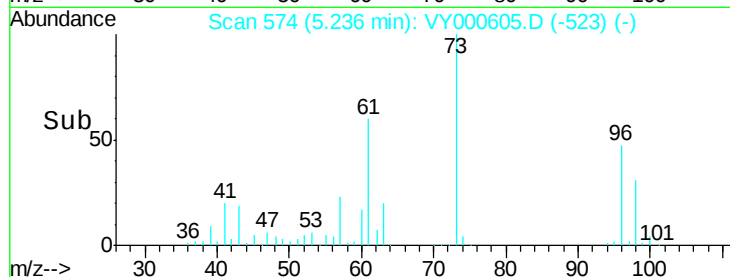
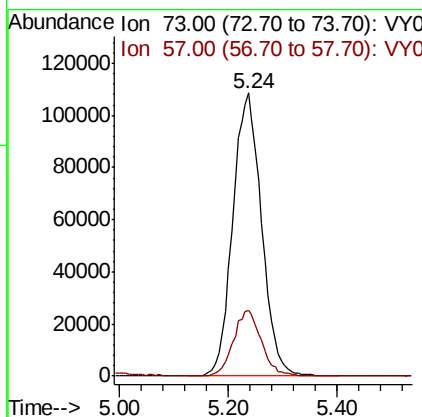
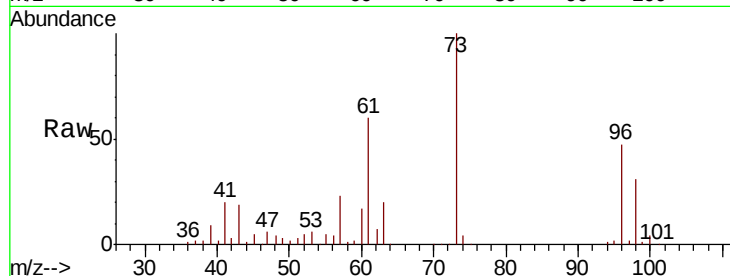
#19
Methvl tert-butvl Ether
Concen: 53.652 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 399814
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0

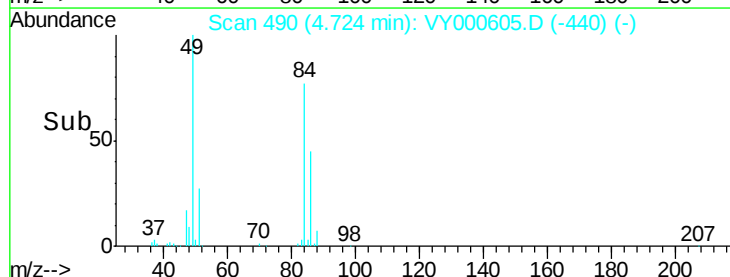
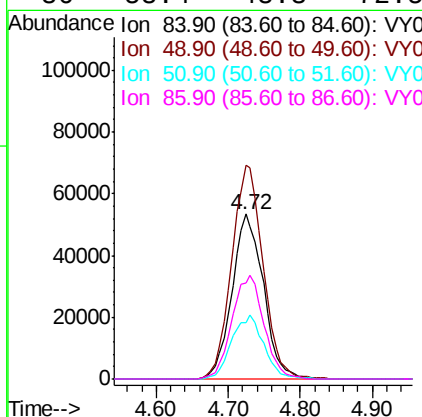
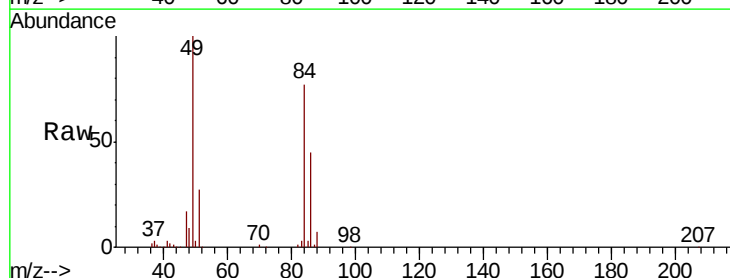
Manual Integrations
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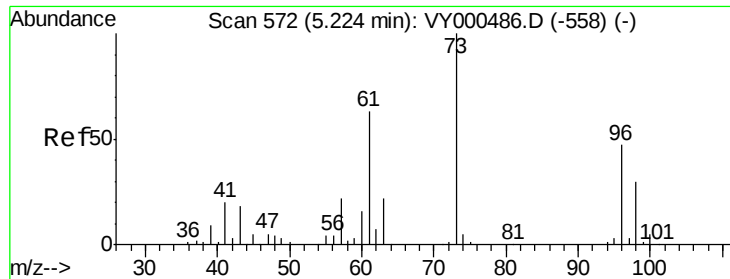
MMDadoda
11/13/2019 11:05:45 AM



#20
Methylene Chloride
Concen: 49.193 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion: 84 Resp: 161318
Ion Ratio Lower Upper
84 100
49 129.7 100.2 150.4
51 34.4 29.6 44.4
86 58.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.578 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

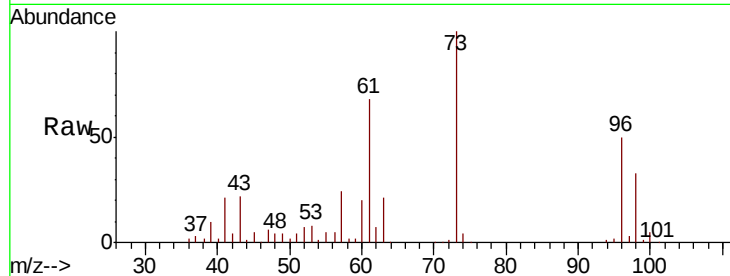
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	159315
Ion	Ratio	Lower	Upper
96	100		
61	136.3	106.6	160.0
98	65.5	50.6	76.0

Manual Integrations
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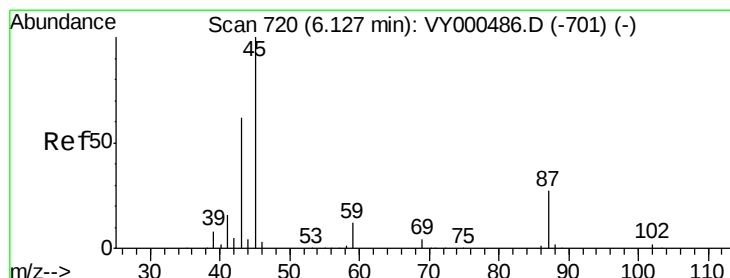
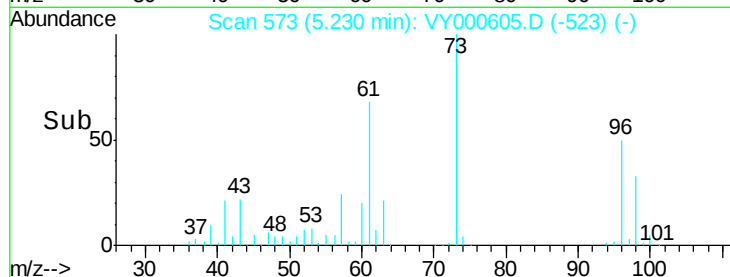
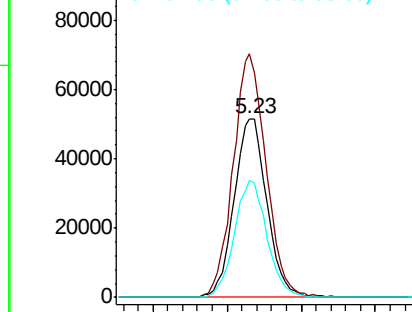


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 57.224 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	45	Resp:	542070
Ion	Ratio	Lower	Upper
45	100		
43	55.4	50.0	75.0
87	25.7	21.6	32.4
59	10.2	9.5	14.3

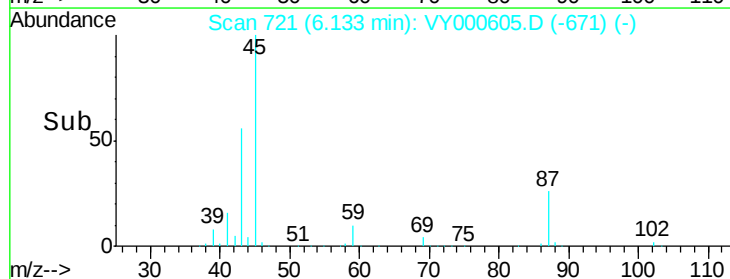
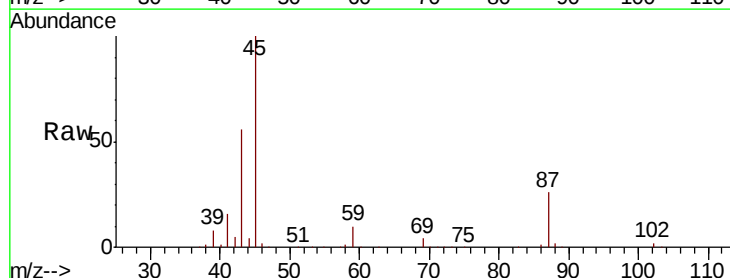
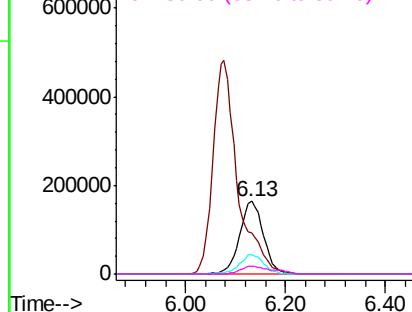
Abundance

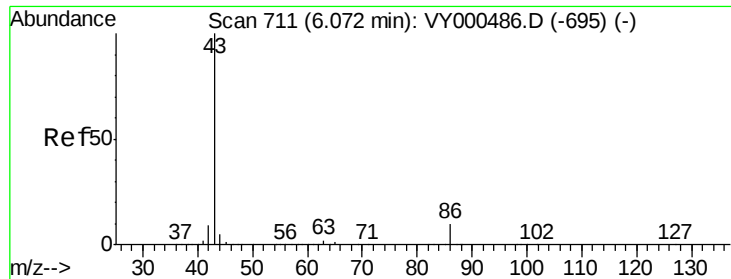
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 274.811 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1643287

Ion Ratio Lower Upper

43 100

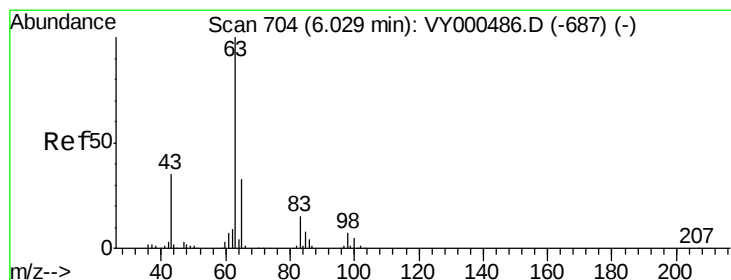
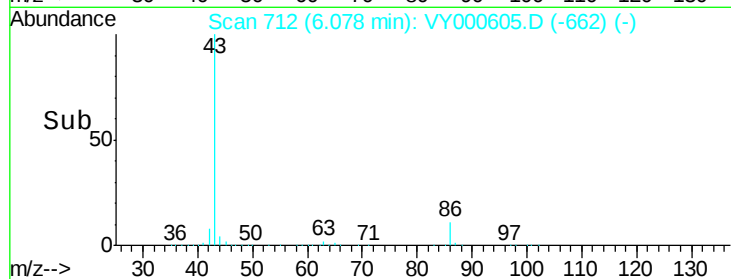
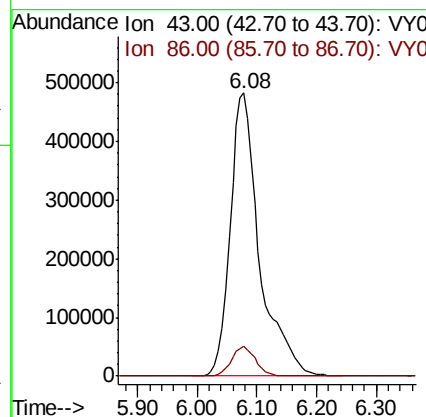
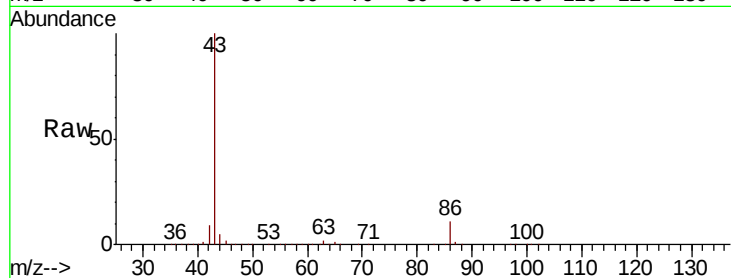
86 10.5 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.297 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

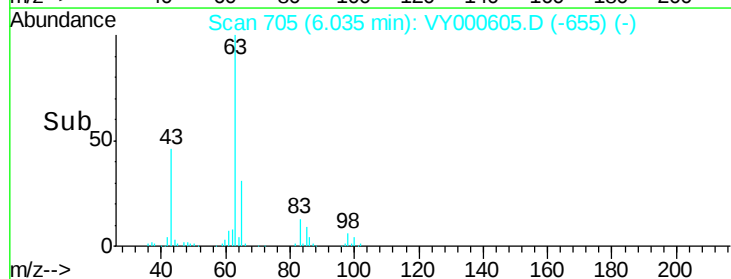
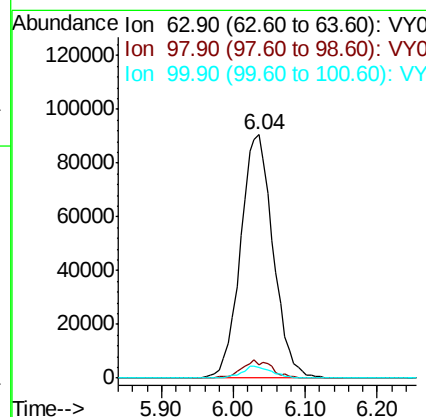
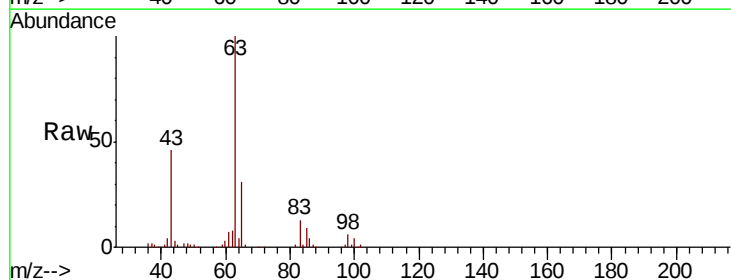
Tgt Ion: 63 Resp: 283772

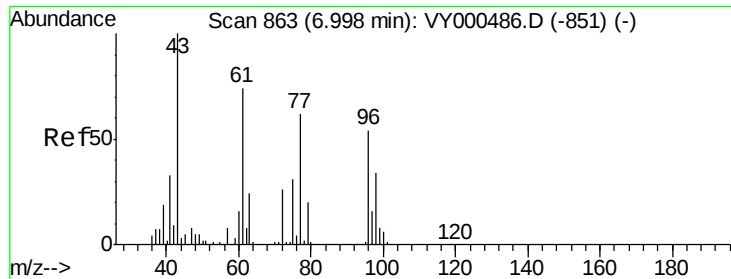
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 265.269 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 323995

Ion Ratio Lower Upper

43 100

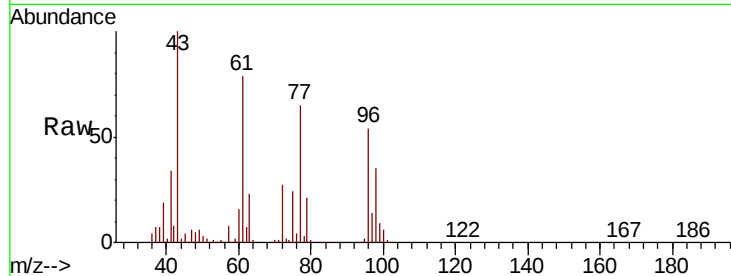
72 26.8 20.9 31.3

Manual Integrations

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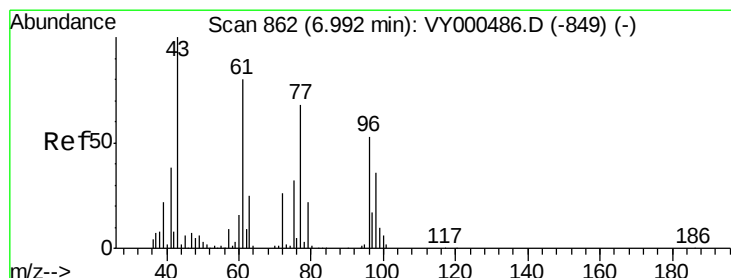
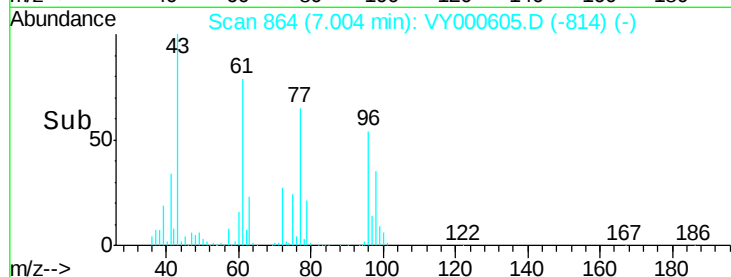
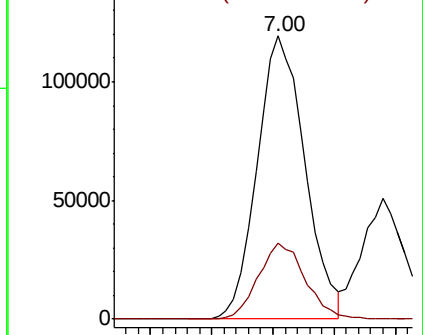
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 53.978 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000605.D

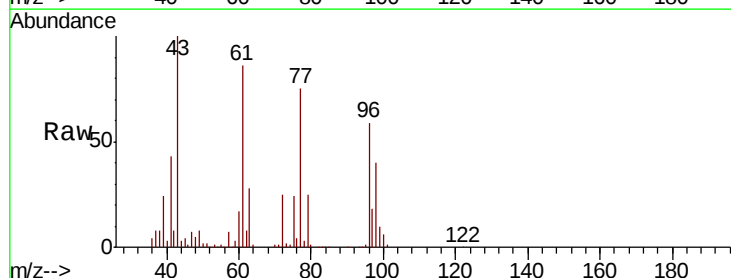
Acq: 08 Nov 2019 10:21

Tgt Ion: 77 Resp: 253142

Ion Ratio Lower Upper

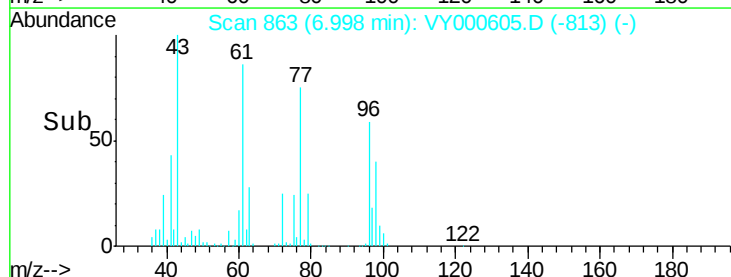
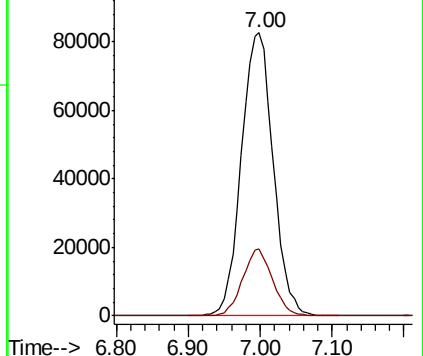
77 100

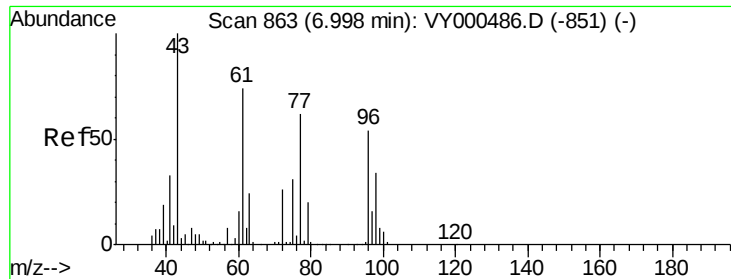
97 22.2 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

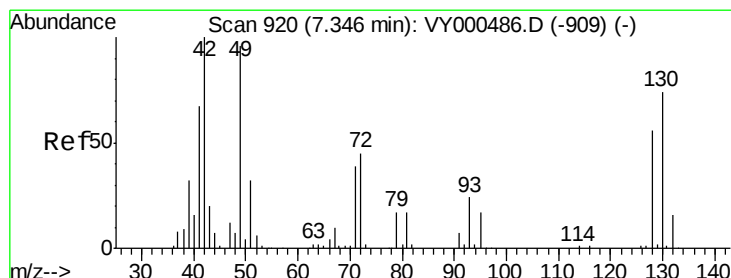
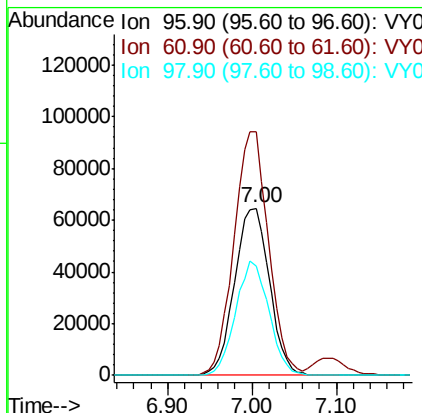
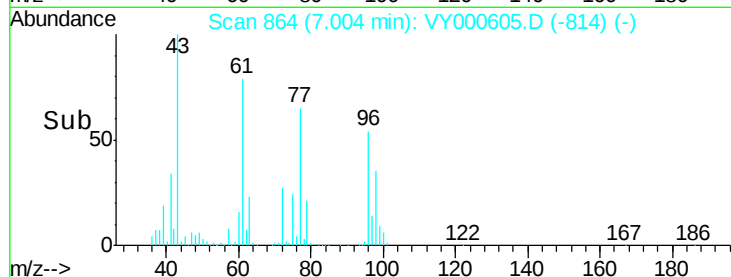
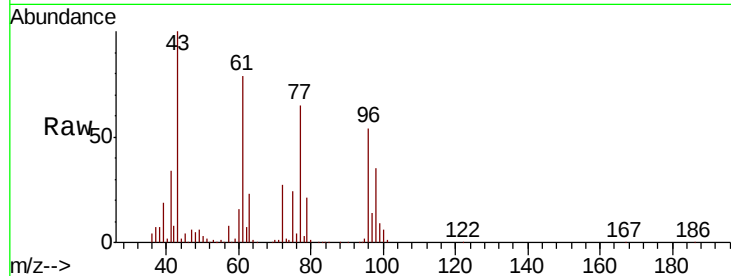
cis-1,2-Dichloroethene
Concen: 54.585 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	180854		
61	144.4	0.0	287.0	
98	65.2	0.0	129.4	

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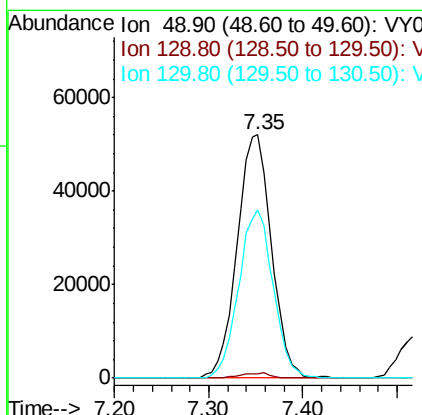
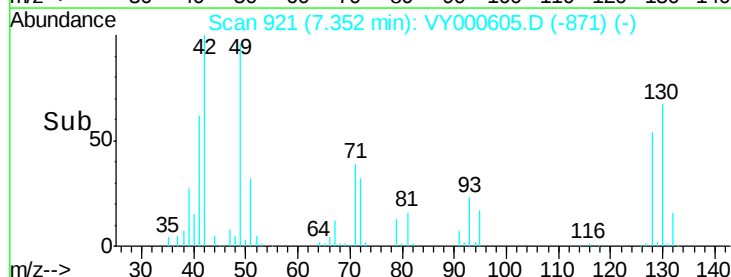
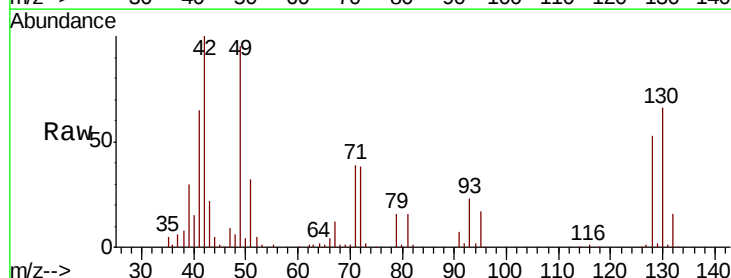
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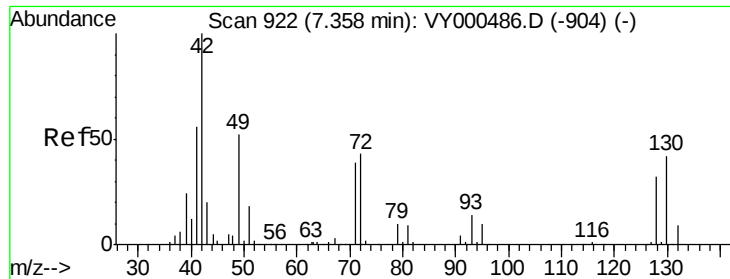


#28

Bromochloromethane
Concen: 56.112 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132600		
129	2.0	0.0	3.6	
130	69.2	59.4	89.0	





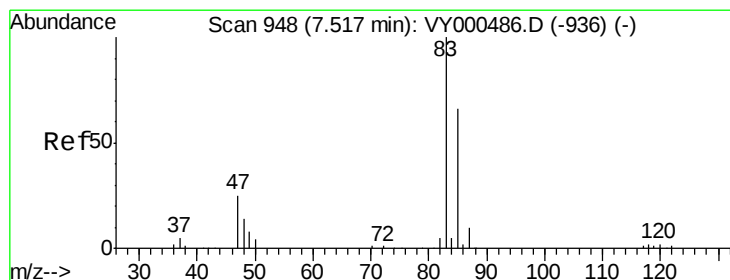
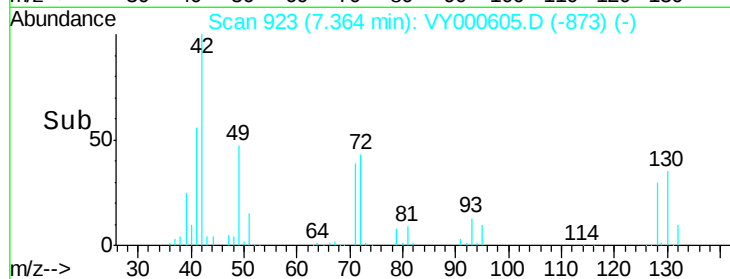
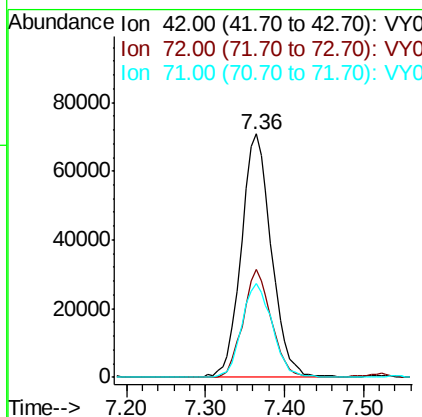
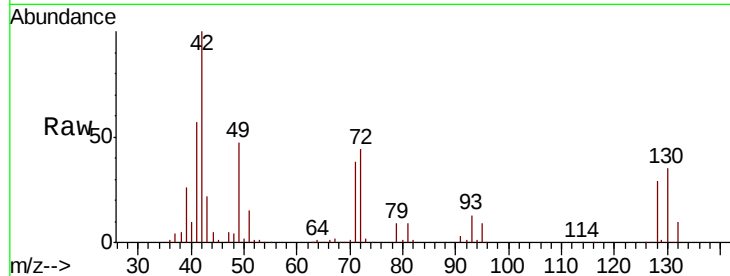
#29
Tetrahydrofuran
Concen: 251.595 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.0	51.0
71	38.8	30.8	46.2

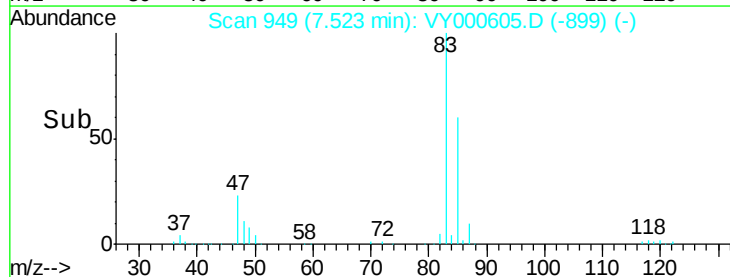
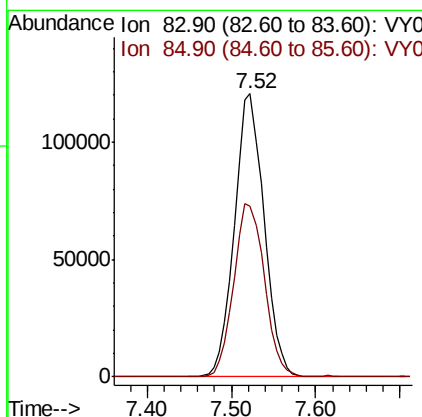
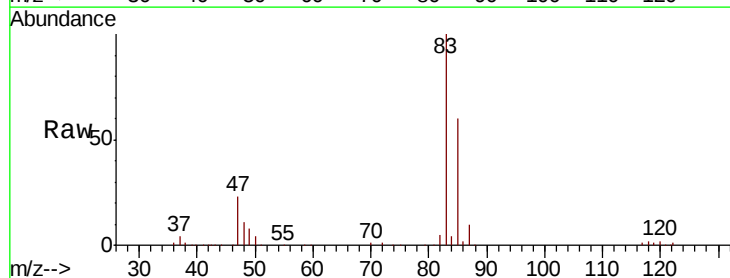
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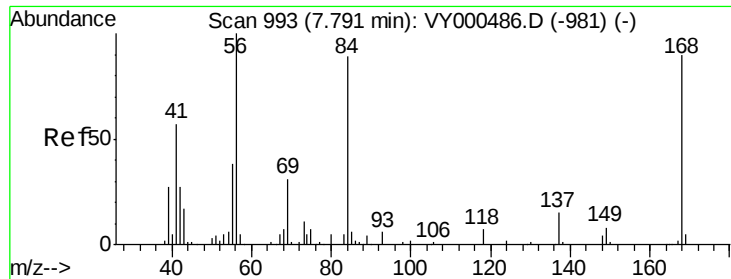
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#30
Chloroform
Concen: 55.120 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	53.0	79.4





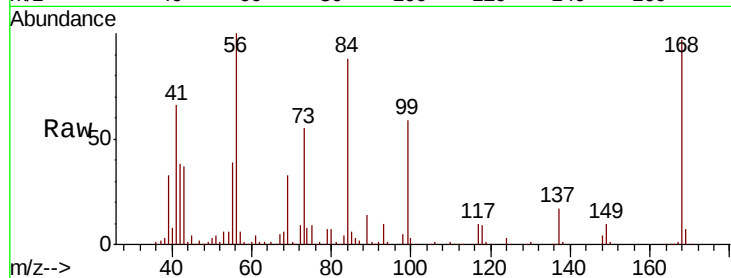
#31
Cyclohexane
Concen: 52.072 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

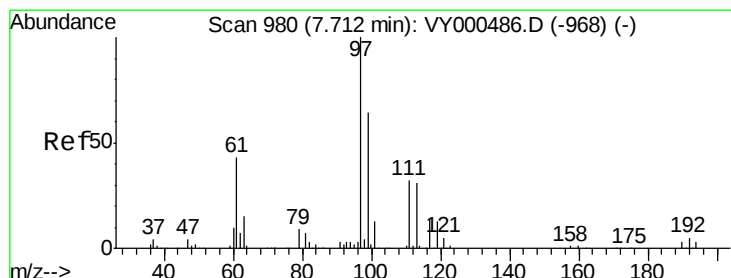
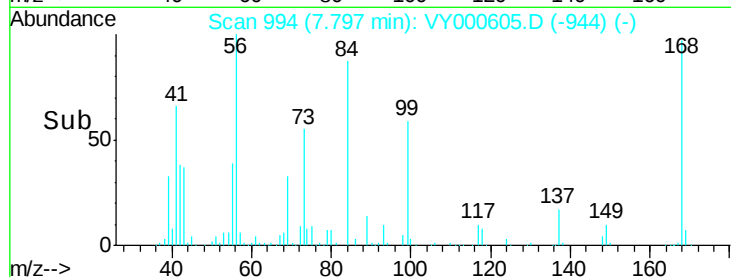
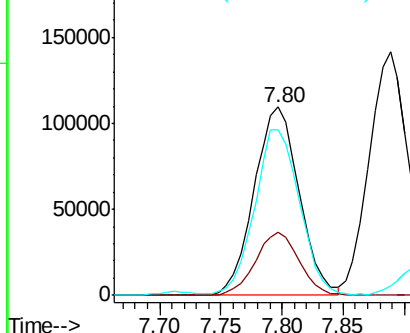
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.0	37.6
84	86.5	71.4	107.2

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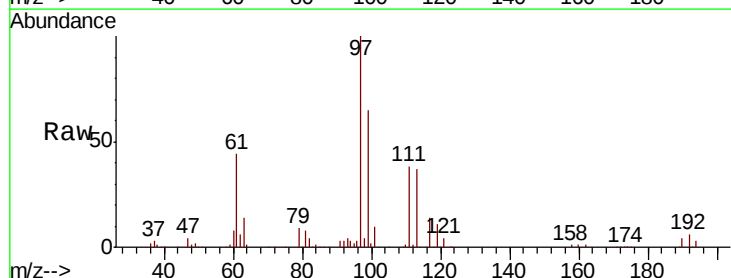


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

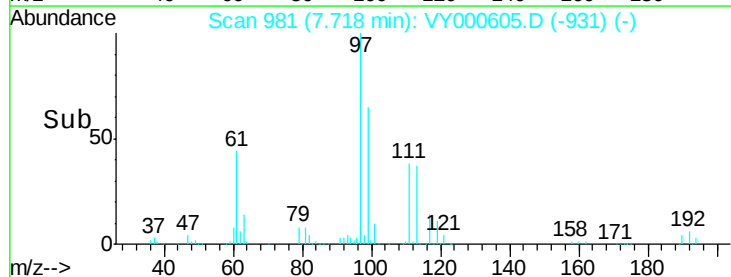
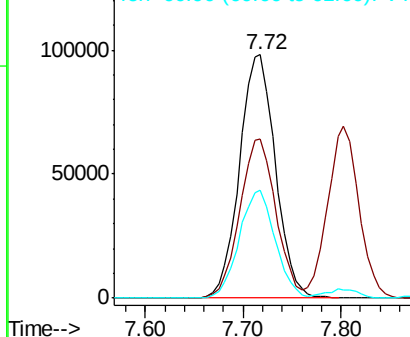


#32
1,1,1-Trichloroethane
Concen: 53.903 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	50.9	76.3
61	44.4	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: 55.792 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 154922

Ion Ratio Lower Upper

65 100

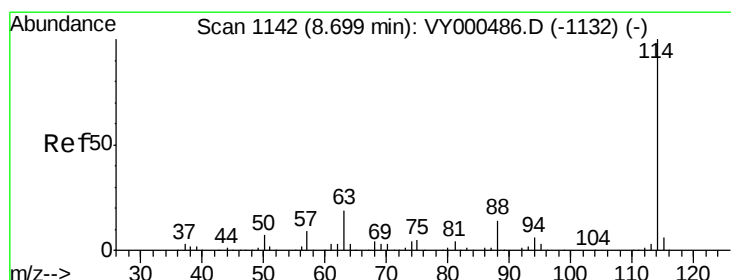
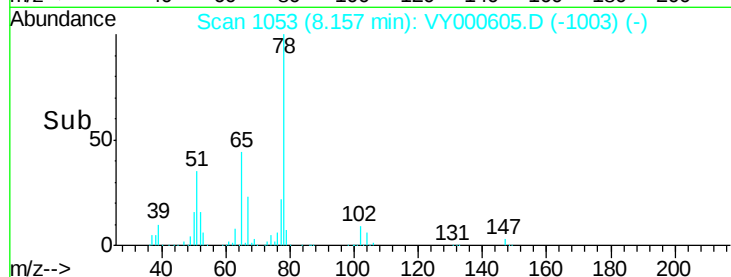
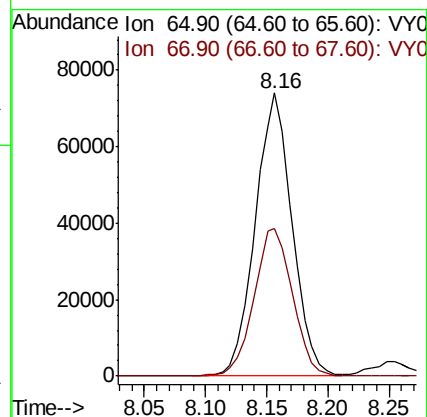
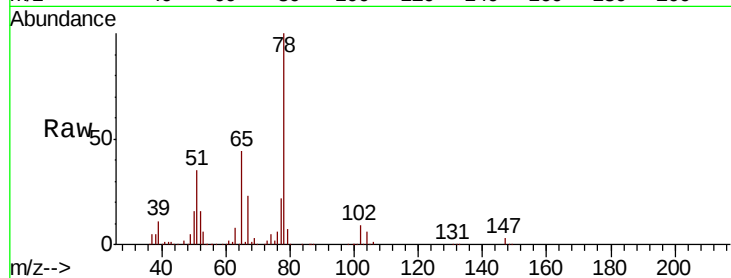
67 54.4 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

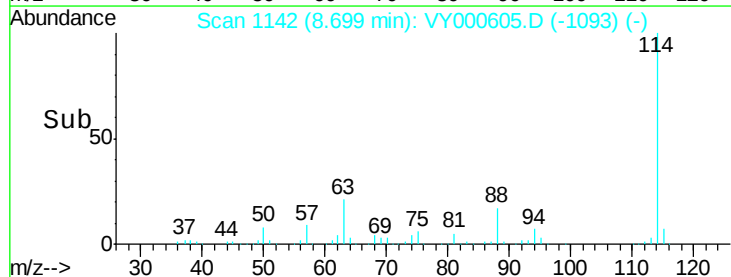
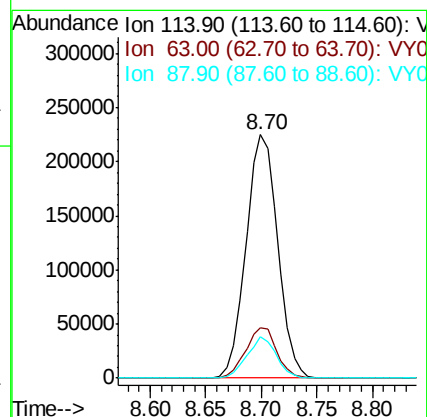
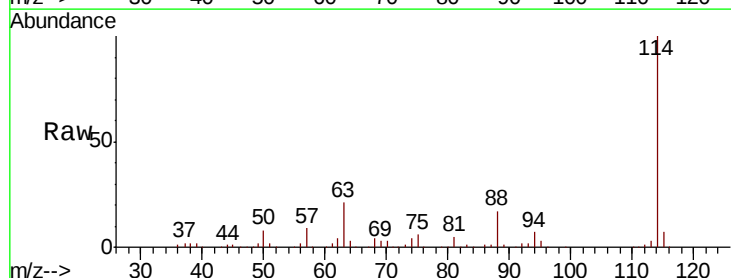
Tgt Ion: 114 Resp: 445019

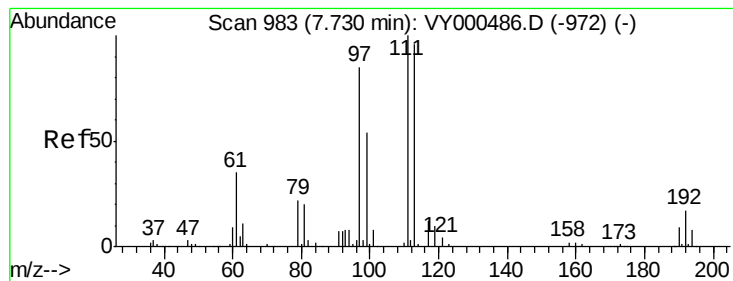
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

88 17.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 53.859 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

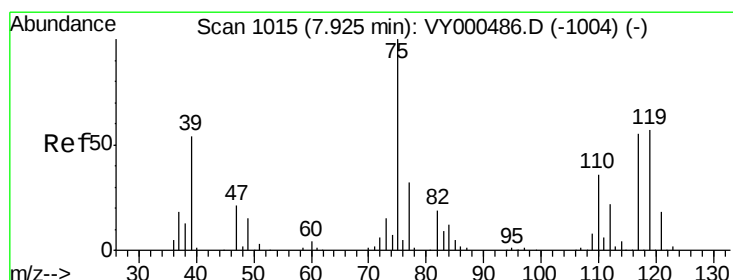
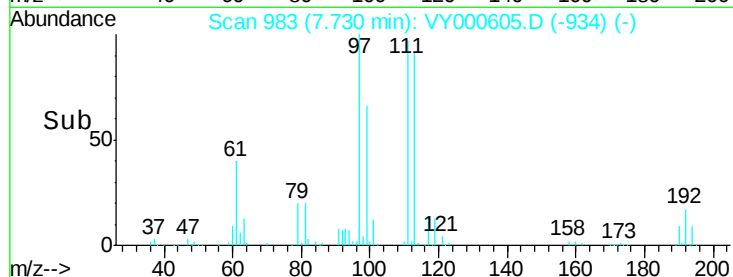
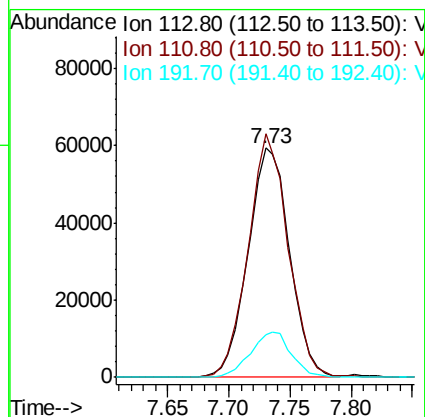
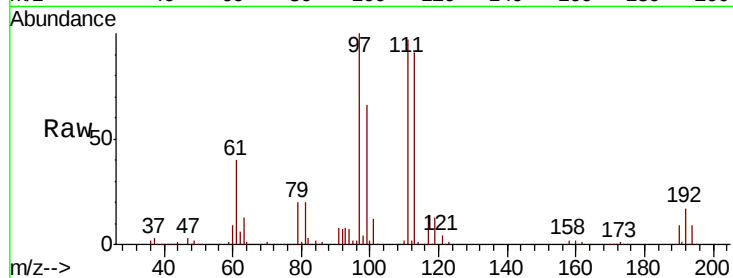
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	140709
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.7	122.5
192	19.4	15.0	22.4

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#36

1,1-Dichloropropene

Concen: 53.452 ug/l

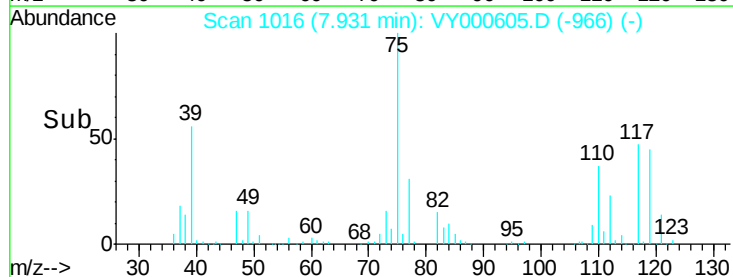
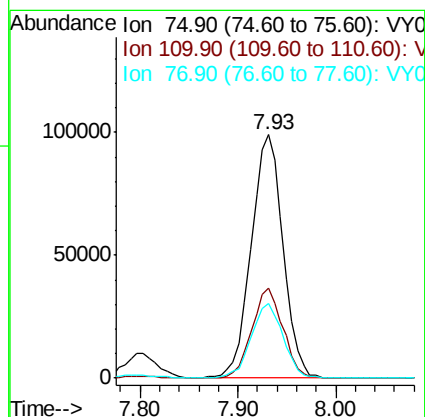
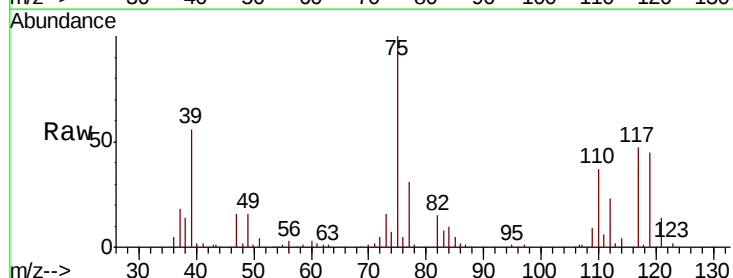
RT: 7.93 min Scan# 1016

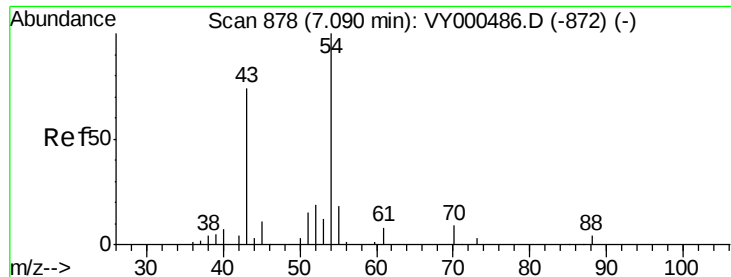
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	75	Resp:	224874
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.1
77	30.9	25.0	37.6





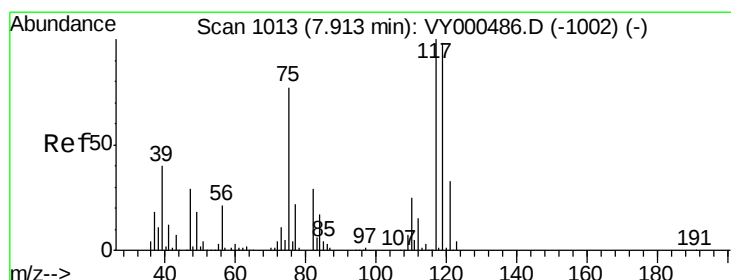
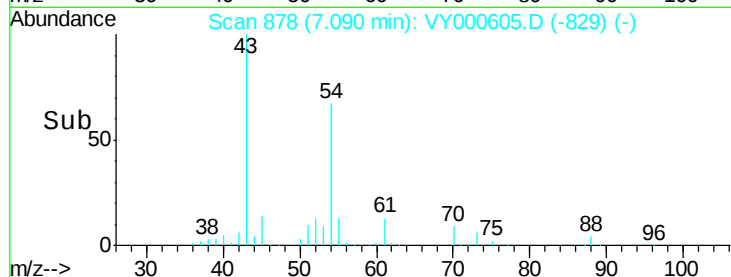
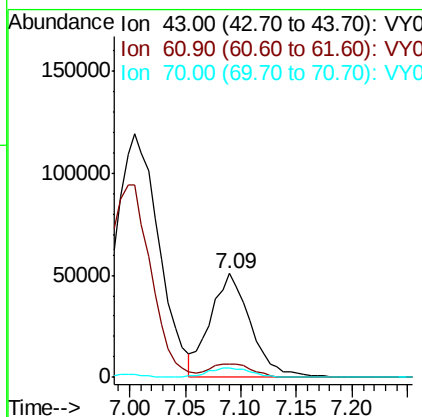
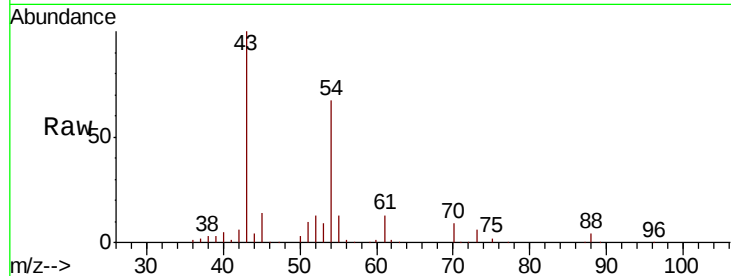
#37
Ethyl Acetate
Concen: 51.096 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.2
70	10.1	7.8	11.8

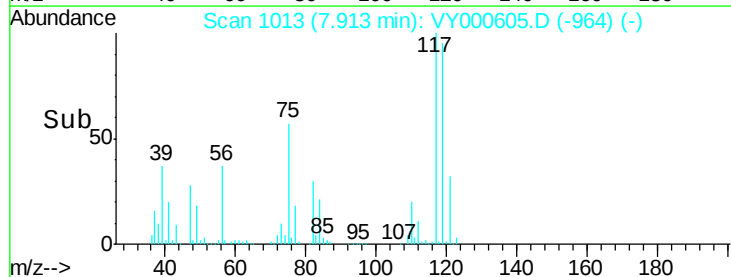
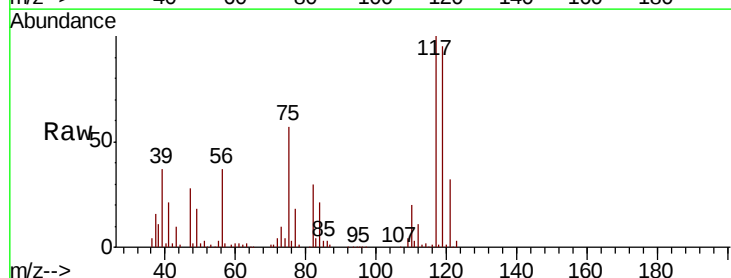
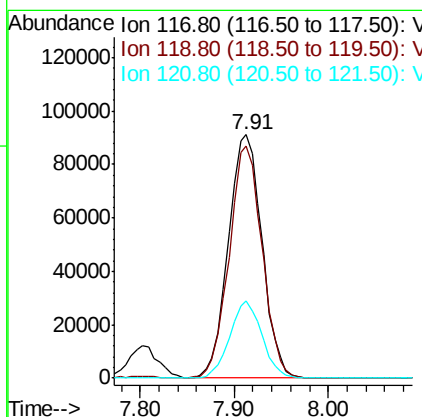
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#38
Carbon Tetrachloride
Concen: 55.701 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.0	117.0
121	31.5	26.6	40.0





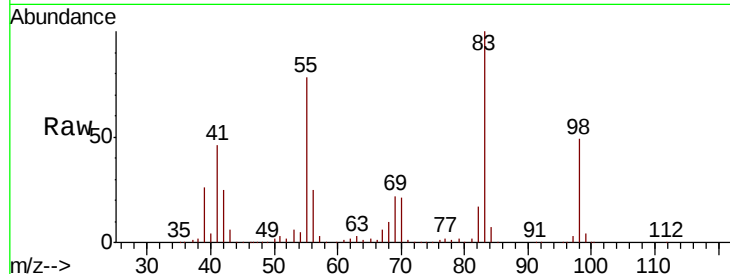
#39
Methylvlcyclohexane
Concen: 53.435 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

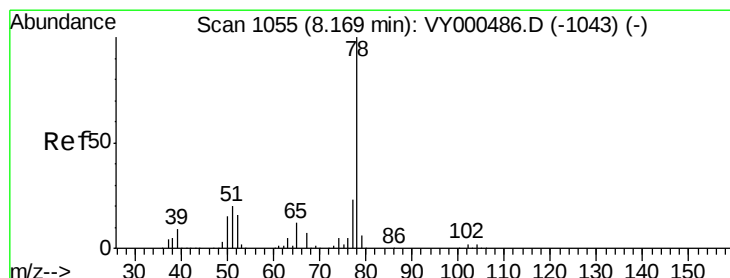
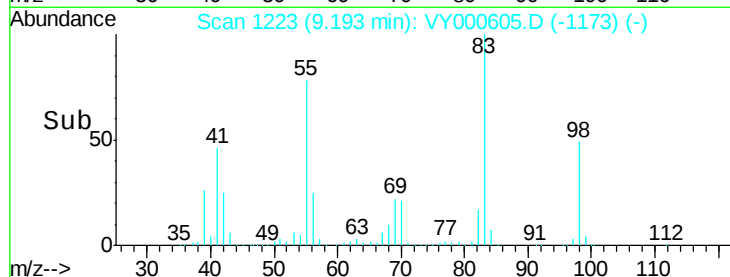
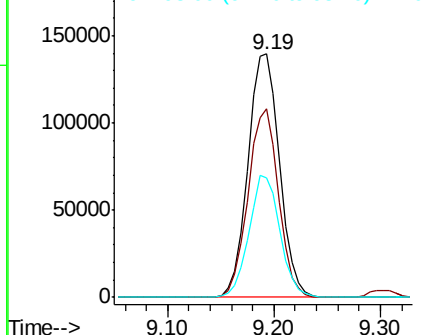
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	57.5	86.3
98	49.2	38.0	57.0

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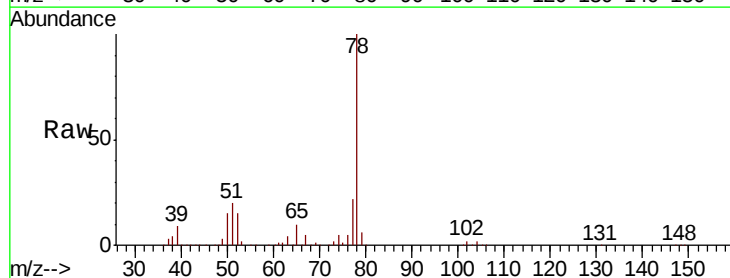


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

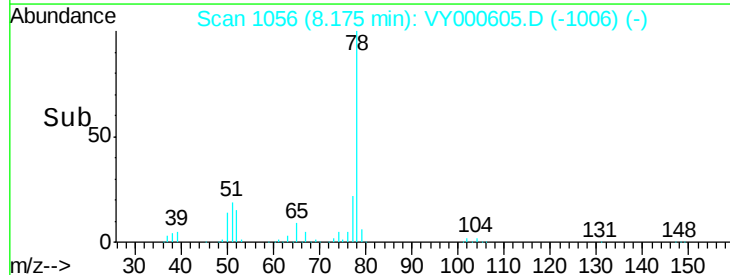
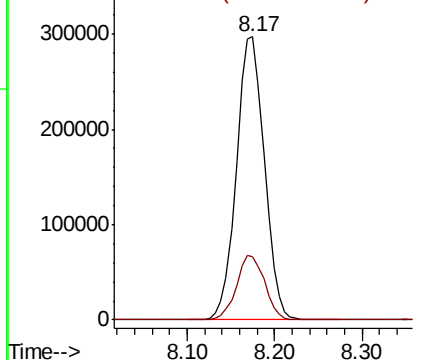


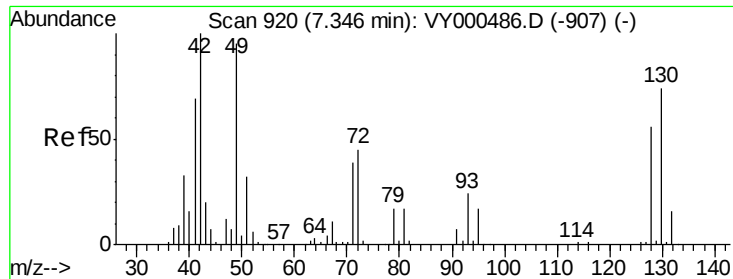
#40
Benzene
Concen: 53.733 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 52.589 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 73276

Ion Ratio Lower Upper

41 100

39 113.6 68.2 102.4#

67 0.0 0.0 0.0

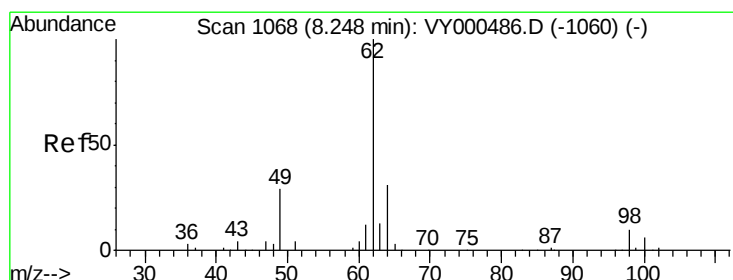
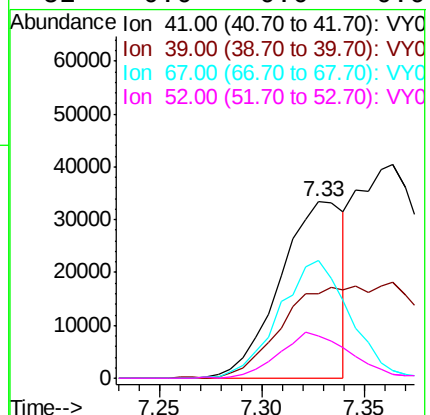
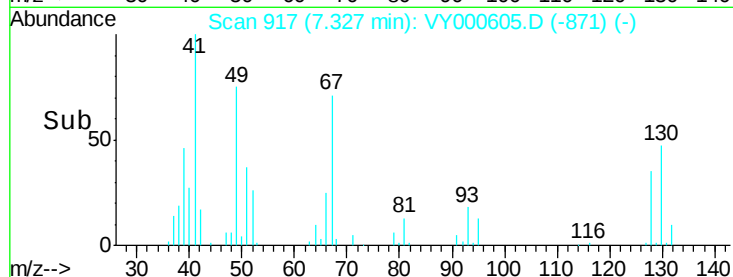
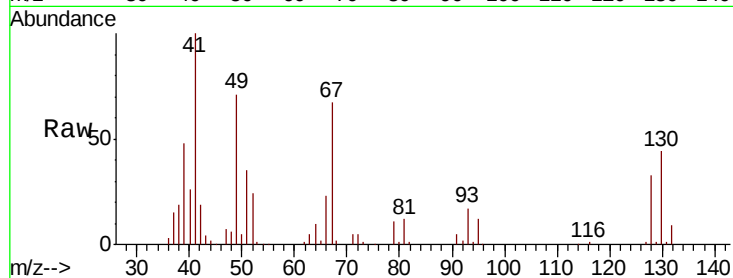
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 55.309 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000605.D

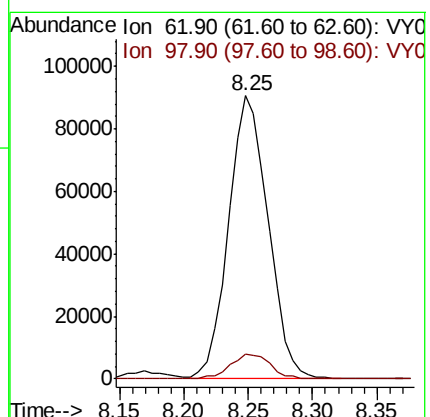
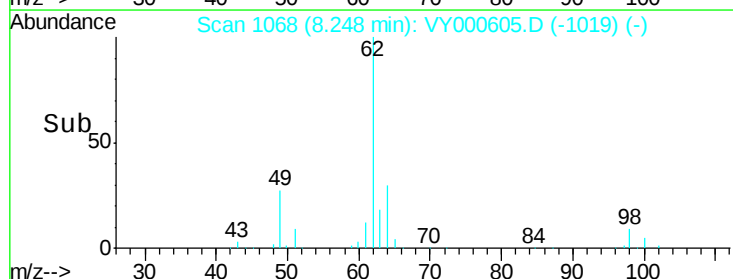
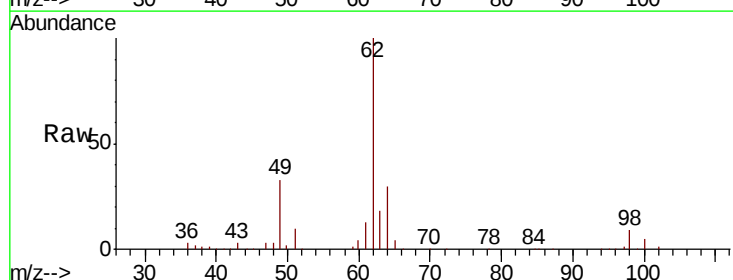
Acq: 08 Nov 2019 10:21

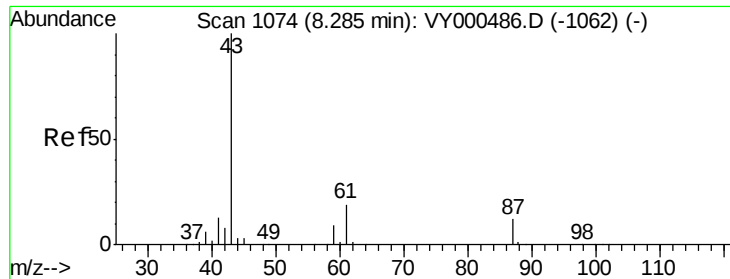
Tgt Ion: 62 Resp: 193482

Ion Ratio Lower Upper

62 100

98 9.0 0.0 19.2





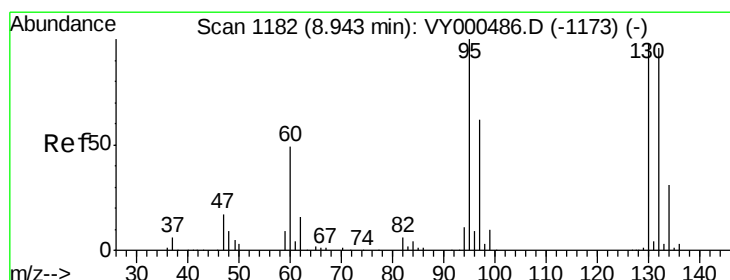
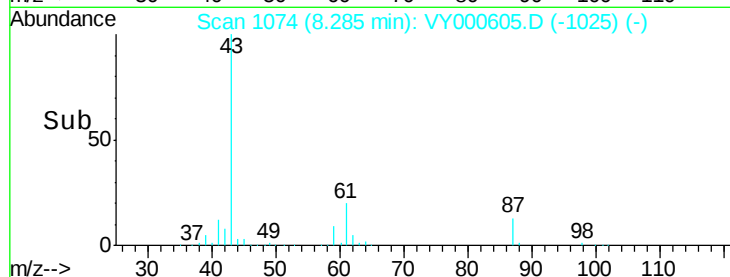
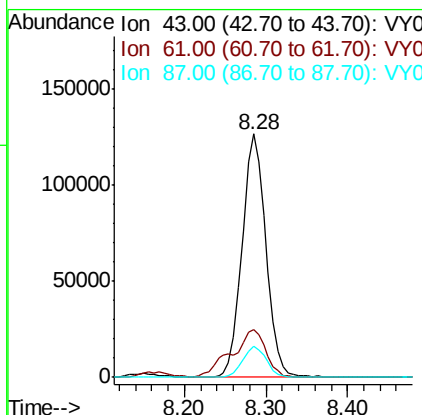
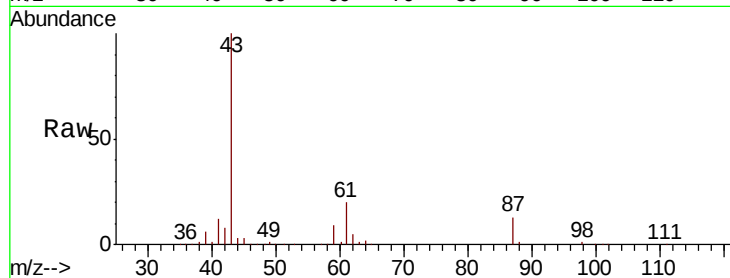
#43
Isopropyl Acetate
Concen: 54.740 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.0	34.4
87	12.8	10.5	15.7

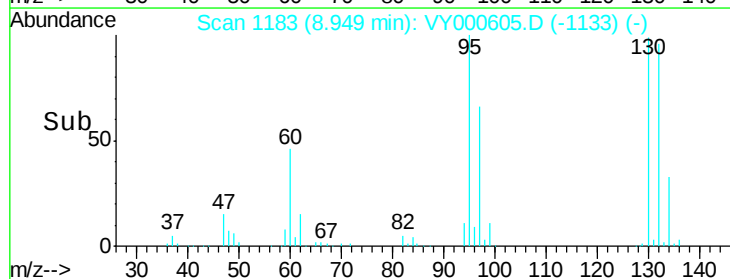
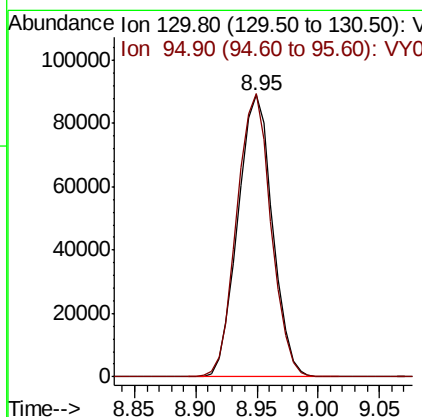
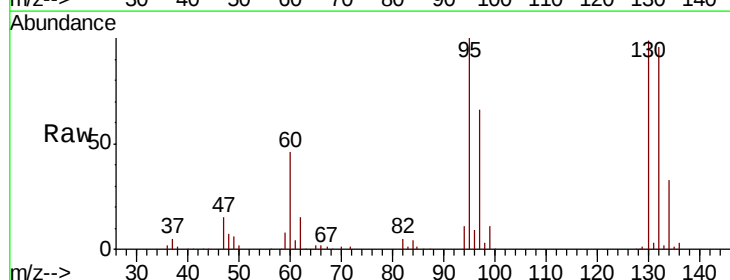
Manual Integrations
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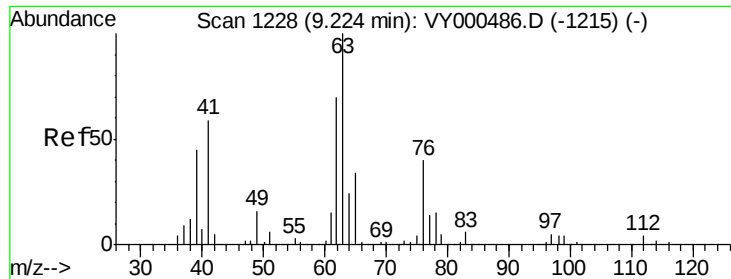
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11/13/2019 11:05:45 AM



#44
Trichloroethene
Concen: 53.920 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	203.2





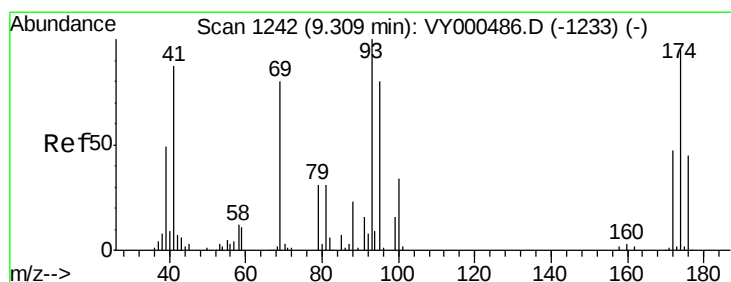
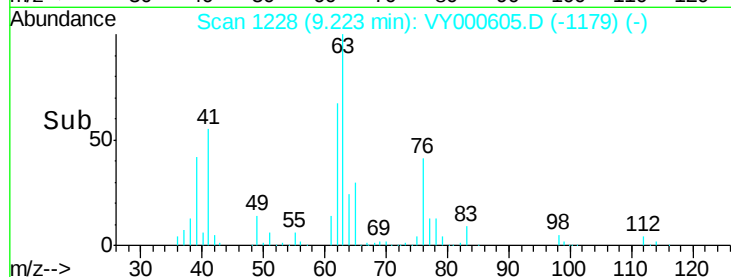
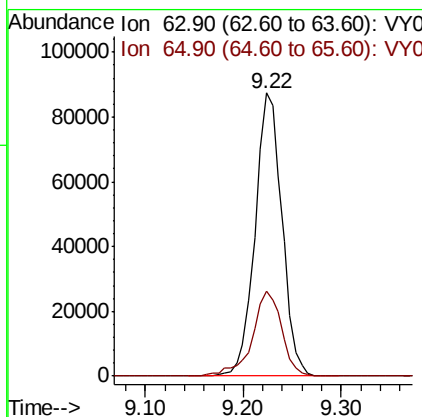
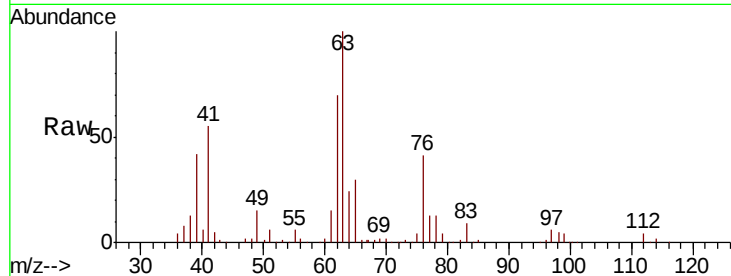
#45
 1,2-Dichloropropane
 Concen: 55.354 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 168033
 Ion Ratio Lower Upper
 63 100
 65 30.2 27.0 40.4

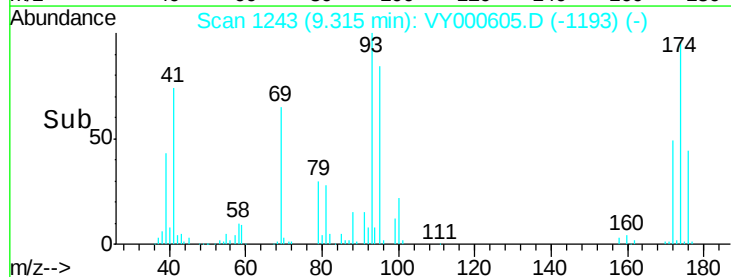
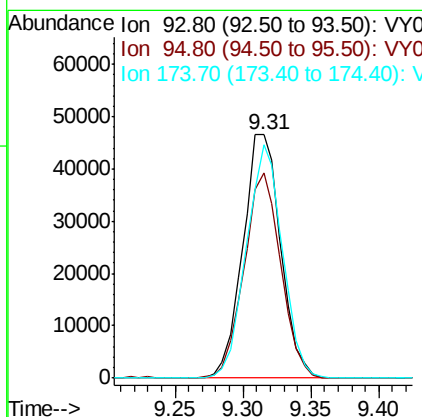
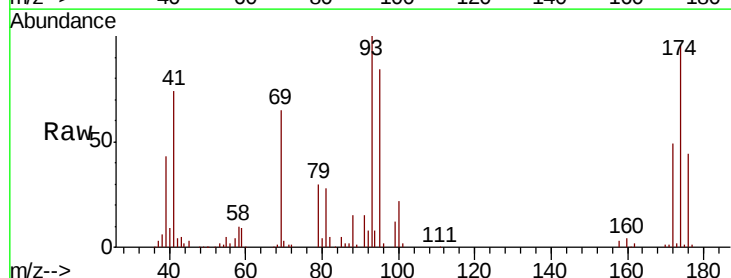
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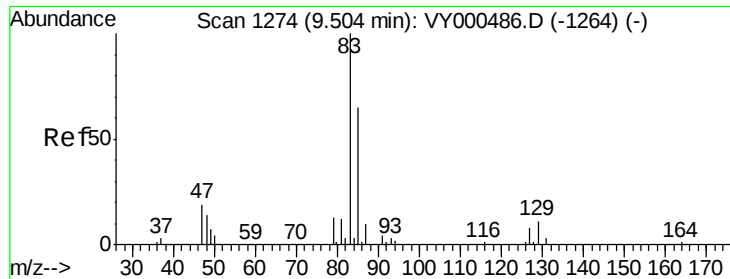
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#46
 Dibromomethane
 Concen: 54.343 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion: 93 Resp: 90724
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.4 99.6
 174 91.5 77.1 115.7





#47

Bromodichloromethane

Concen: 55.911 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

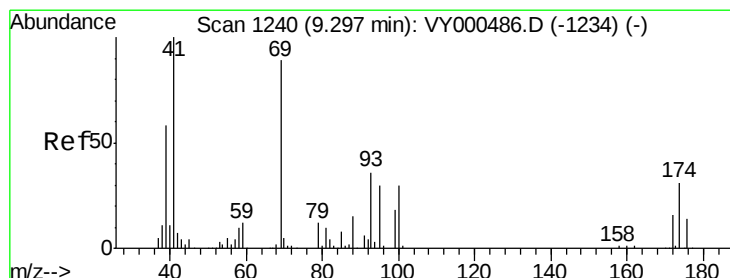
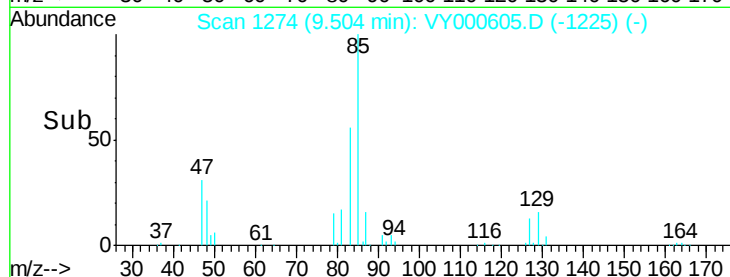
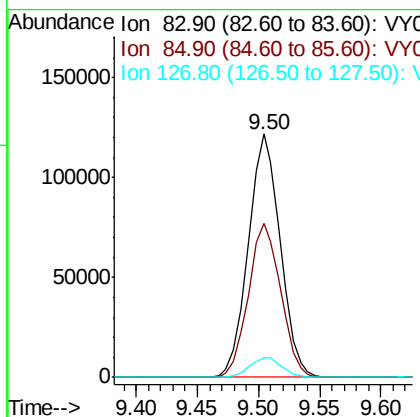
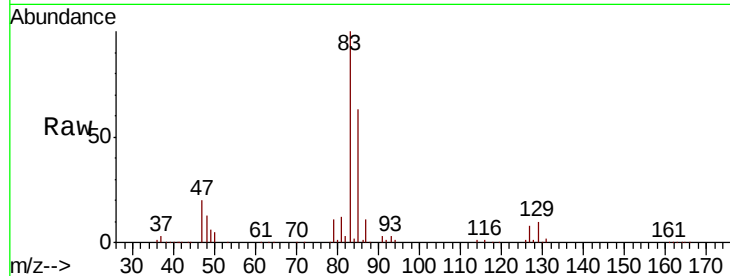
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	221480
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8
127	8.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 56.161 ug/l

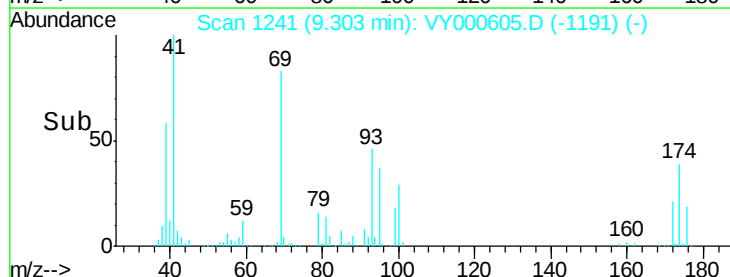
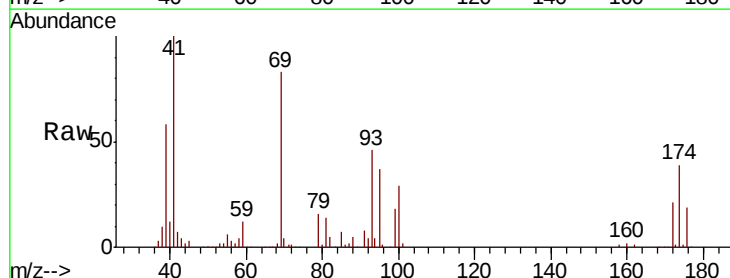
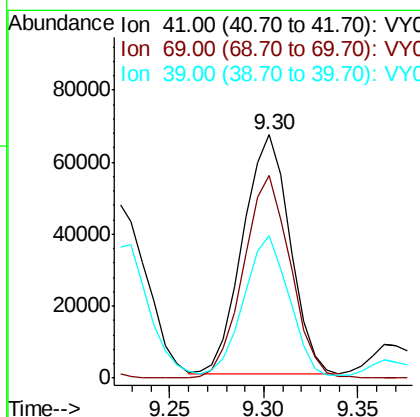
RT: 9.30 min Scan# 1241

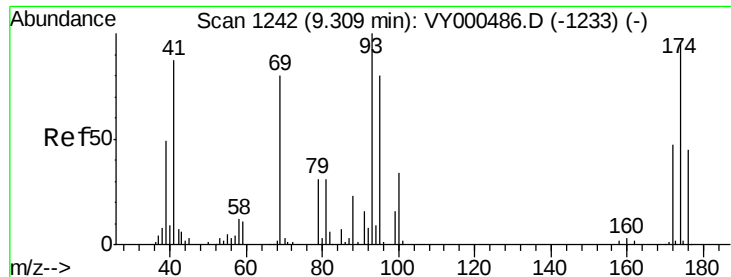
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	41	Resp:	115131
Ion Ratio	Lower	Upper	
41	100		
69	84.7	72.5	108.7
39	58.1	47.8	71.8





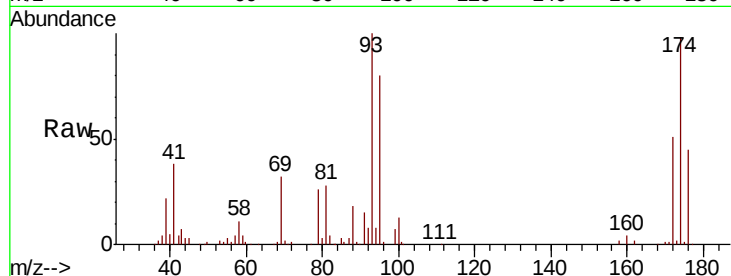
#49
1,4-Dioxane
Concen: 929.342 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

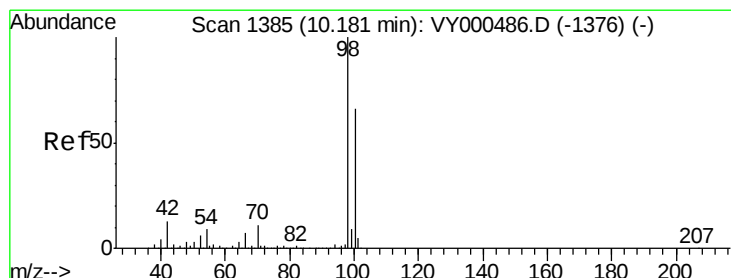
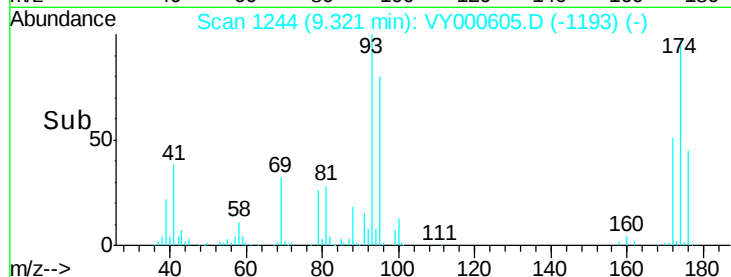
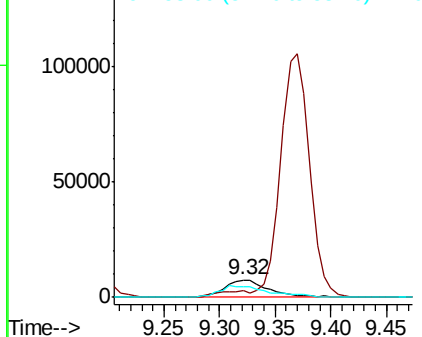
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	78.9	50.6	75.8#

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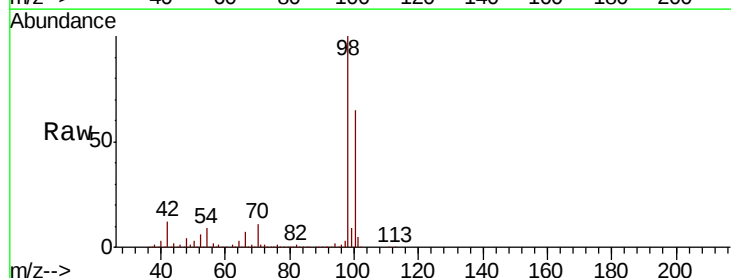


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

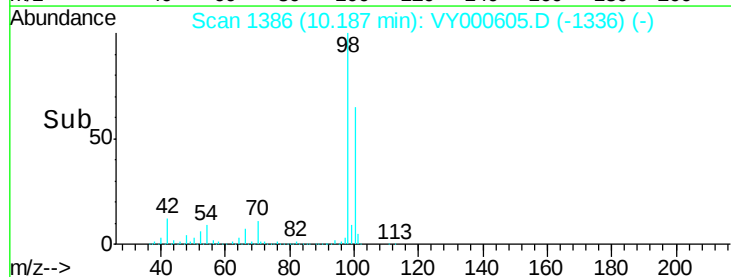
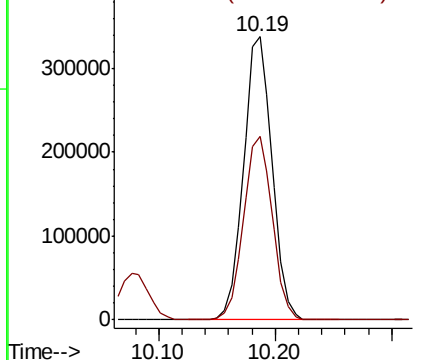


#50
Toluene-d8
Concen: 58.181 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 274.135 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 683857

Ion Ratio Lower Upper

43 100

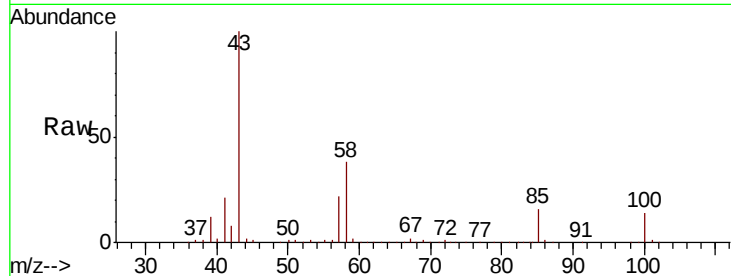
58 38.2 30.2 45.4

Manual Integrations

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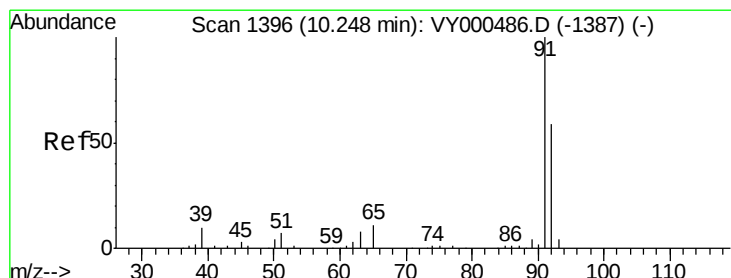
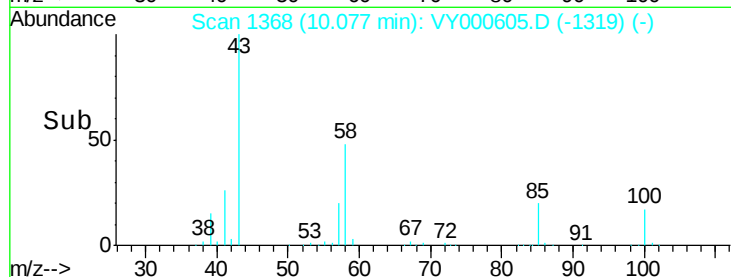
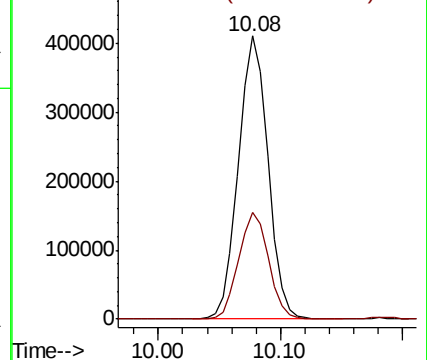
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 54.781 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000605.D

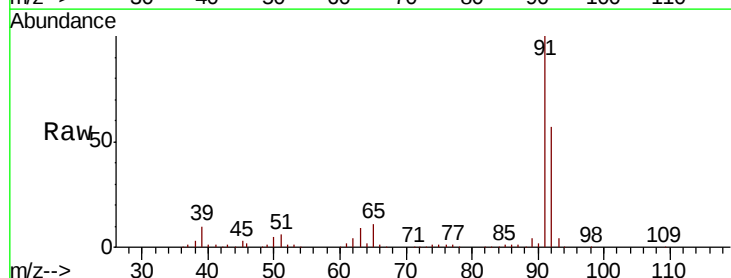
Acq: 08 Nov 2019 10:21

Tgt Ion: 92 Resp: 427177

Ion Ratio Lower Upper

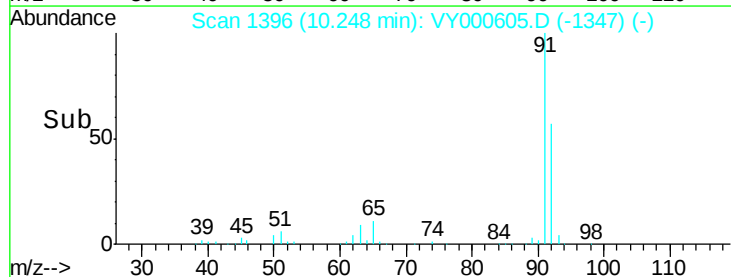
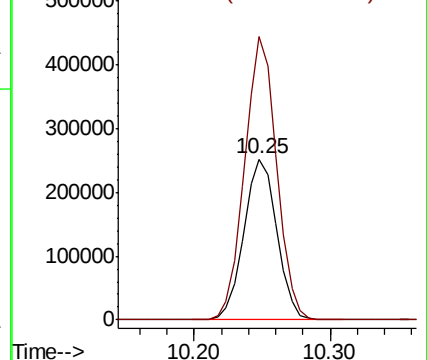
92 100

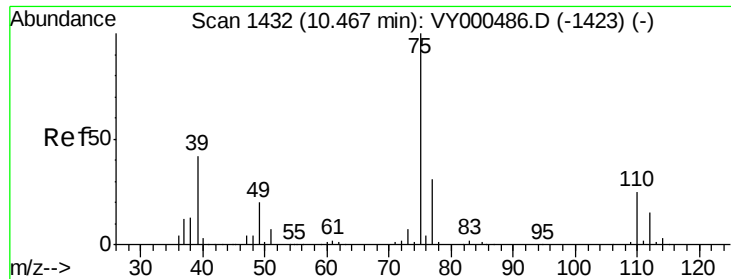
91 171.2 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





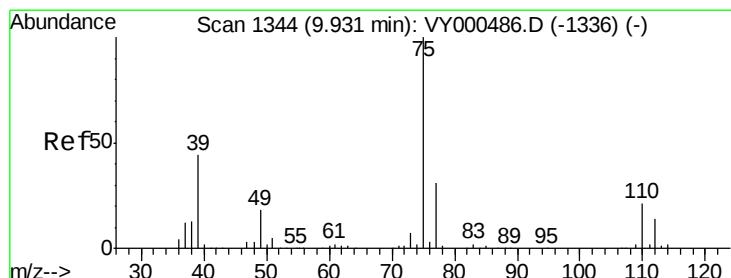
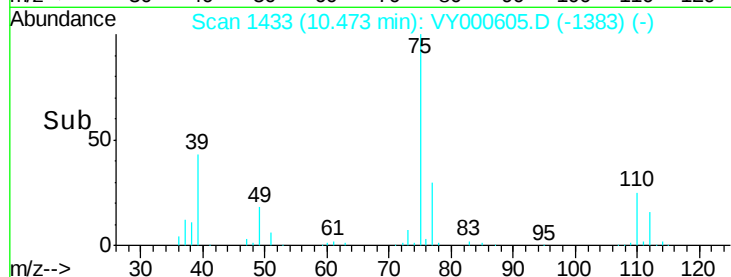
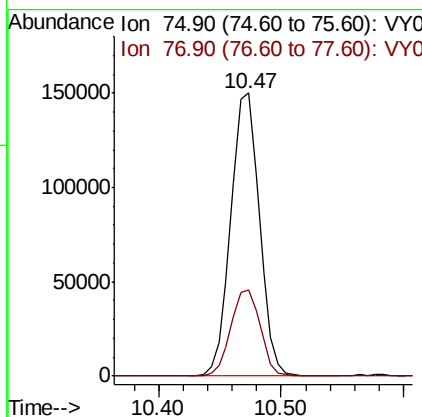
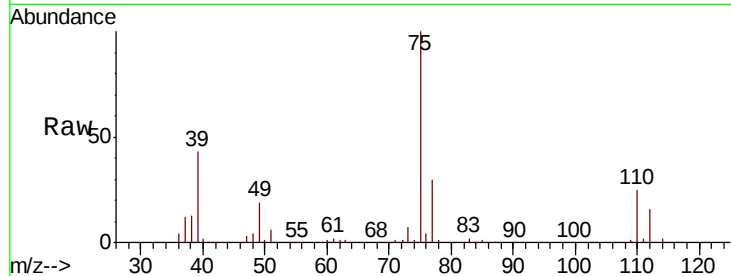
#53
t-1,3-Dichloropropene
Concen: 57.437 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 243109
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0

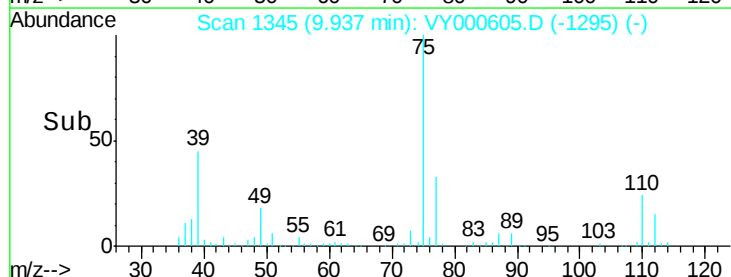
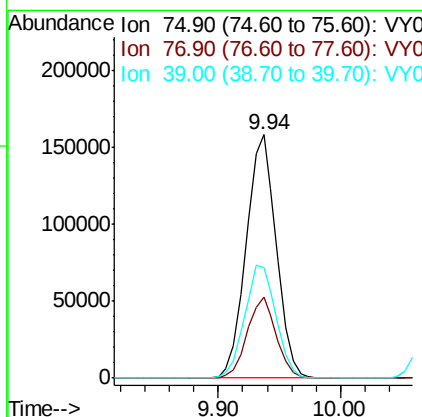
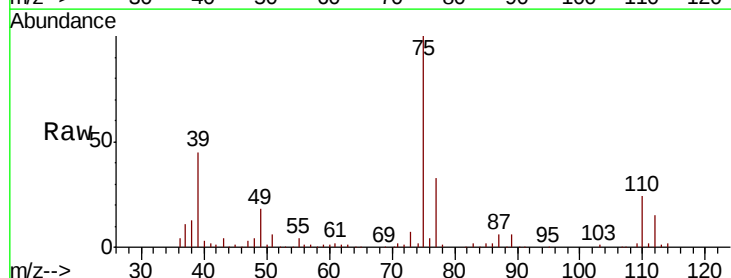
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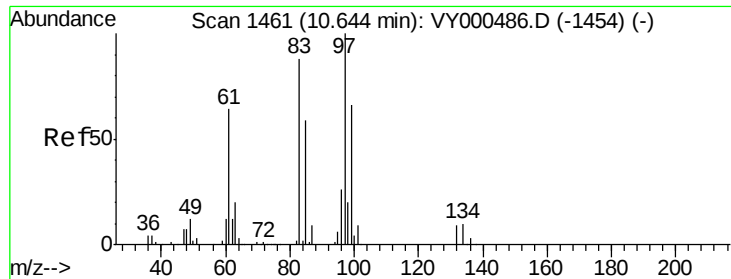
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#54
cis-1,3-Dichloropropene
Concen: 55.579 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion: 75 Resp: 269501
Ion Ratio Lower Upper
75 100
77 33.2 24.5 36.7
39 45.1 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 53.304 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

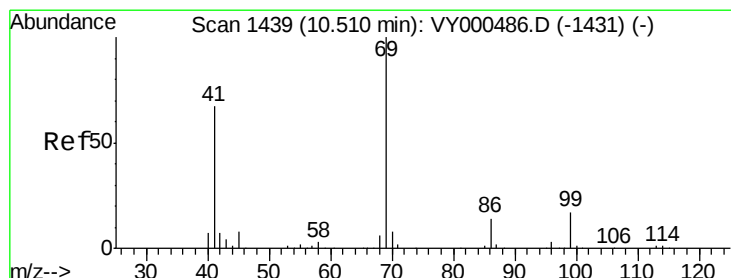
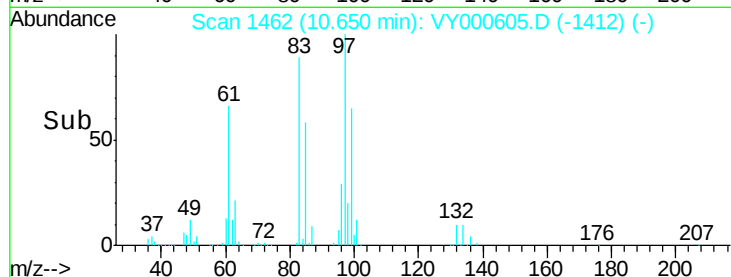
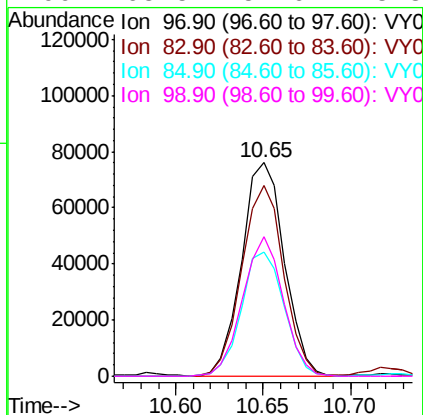
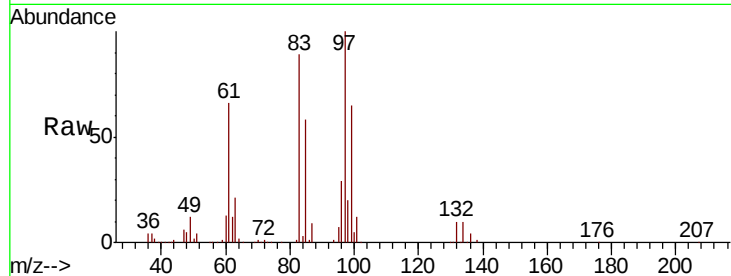
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	128713
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.2	105.4
85	57.9	46.9	70.3
99	65.5	52.6	78.8

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#56

Ethyl methacrylate

Concen: 56.600 ug/l

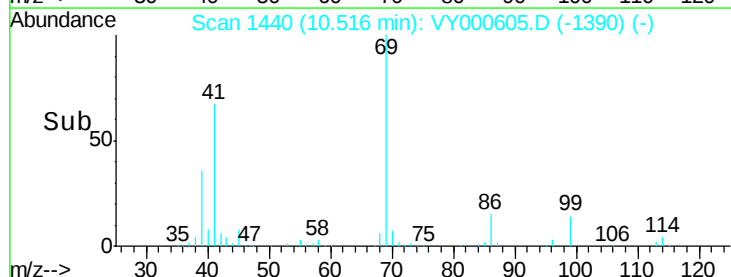
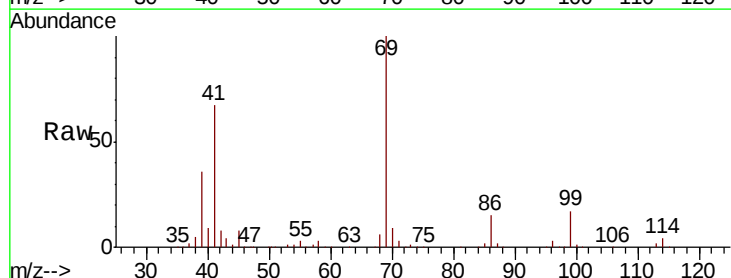
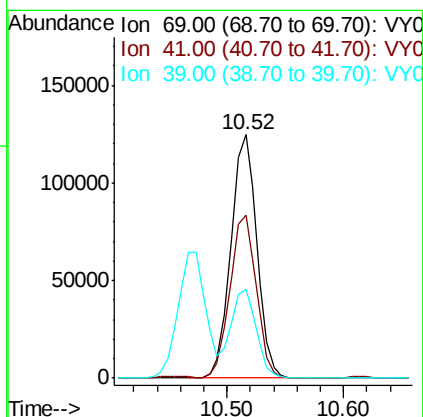
RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	69	Resp:	193709
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.3	79.9
39	36.3	28.0	42.0





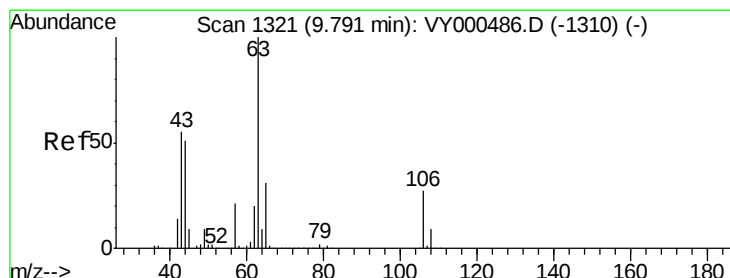
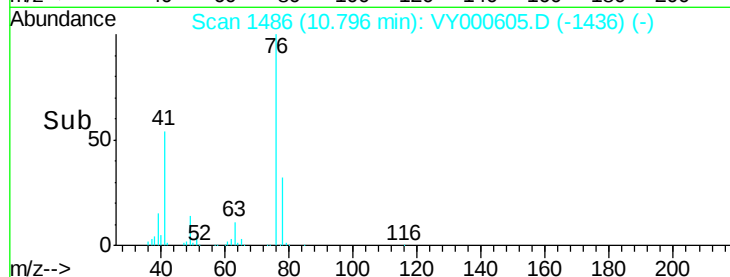
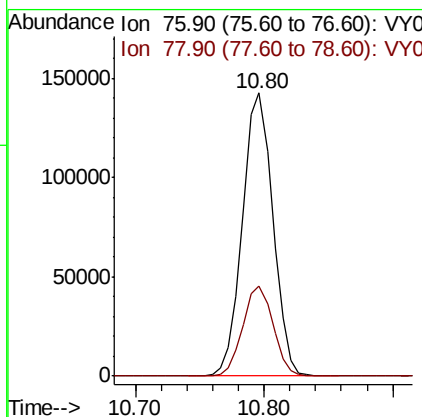
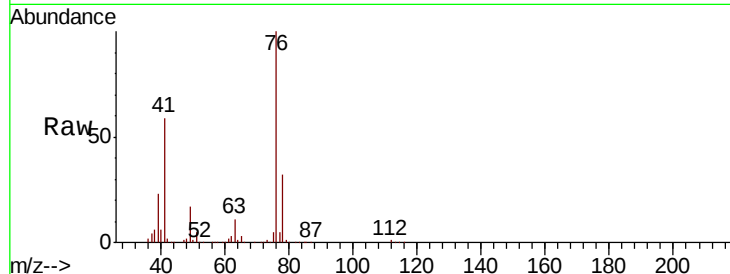
#57
 1,3-Dichloropropane
 Concen: 55.032 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.2	37.8

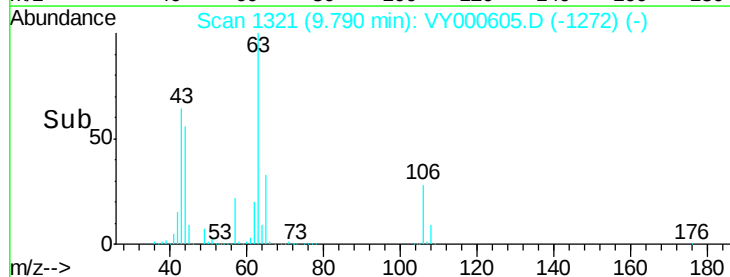
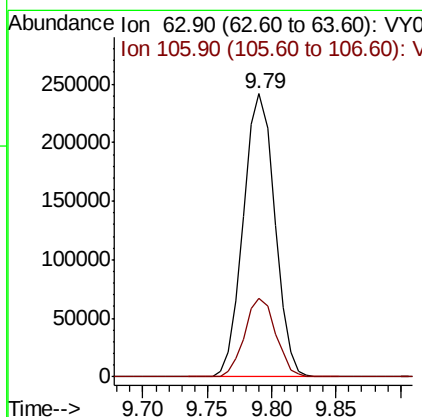
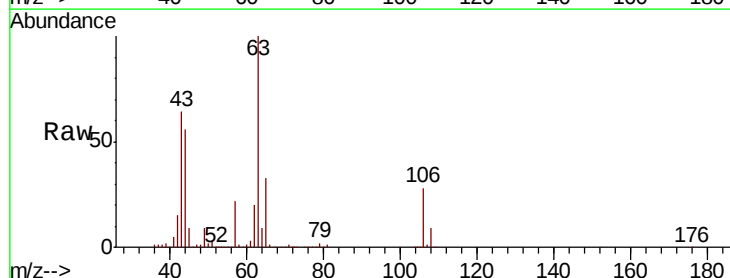
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.532 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.6	33.8





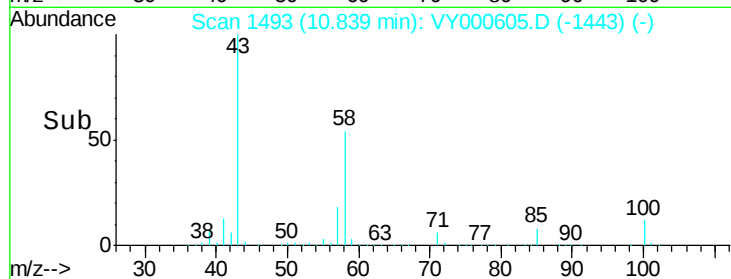
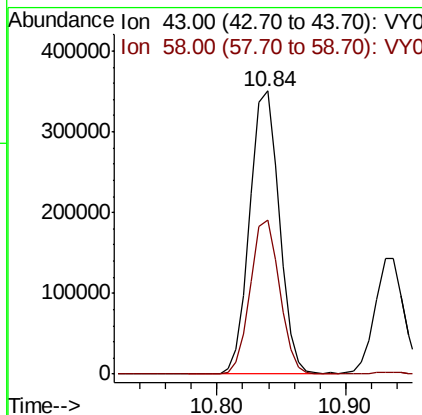
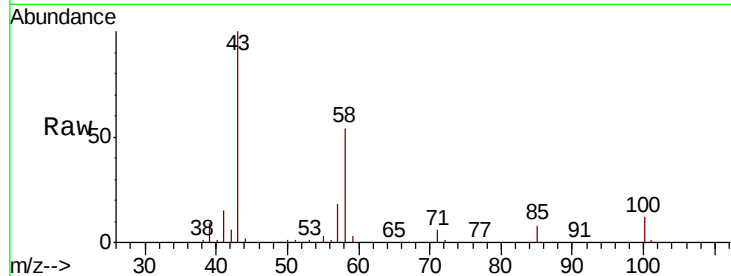
#59
2-Hexanone
Concen: 305.116 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 554563
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3

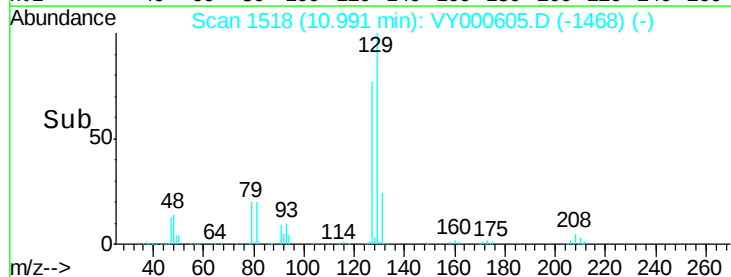
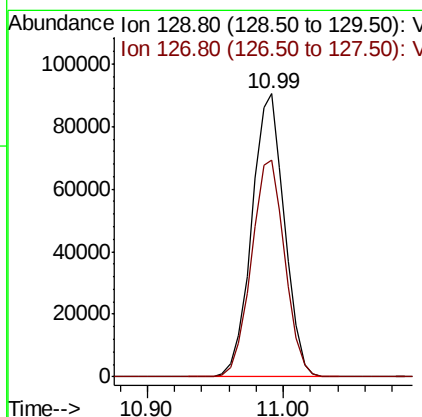
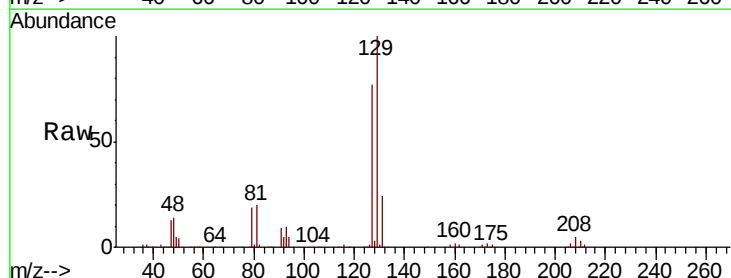
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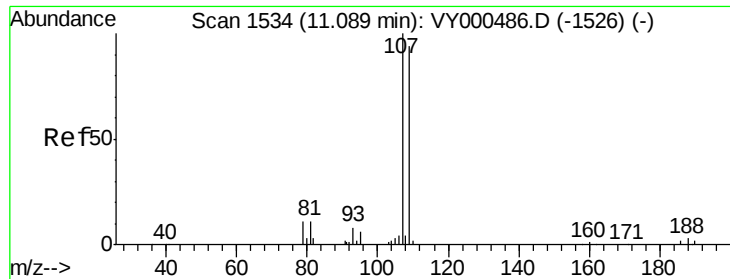
MMDadoda
11/13/2019 11:05:45 AM



#60
Dibromochloromethane
Concen: 55.016 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion: 129 Resp: 152165
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





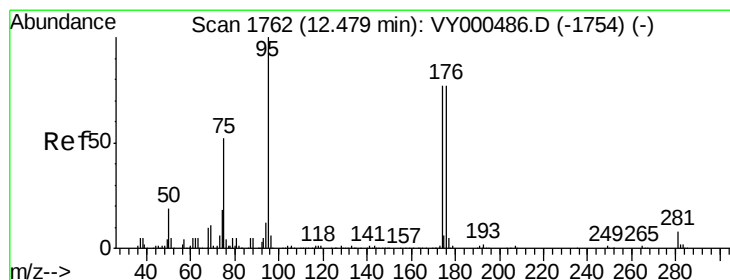
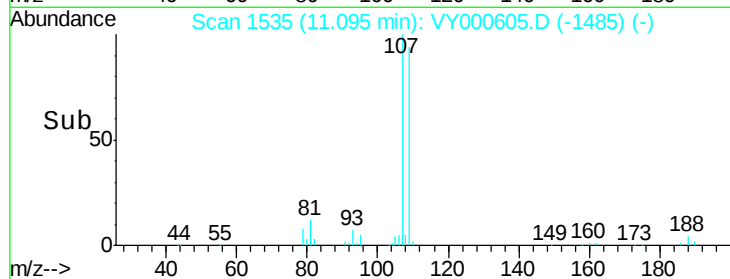
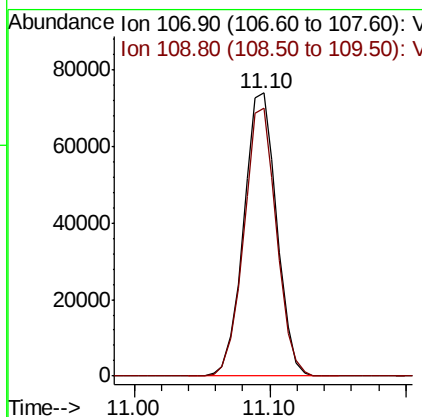
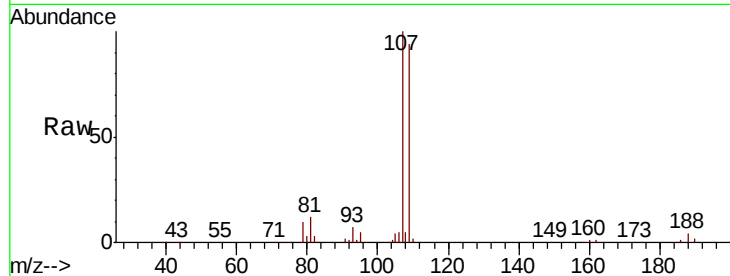
#61
 1,2-Dibromoethane
 Concen: 53.843 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.6	110.4

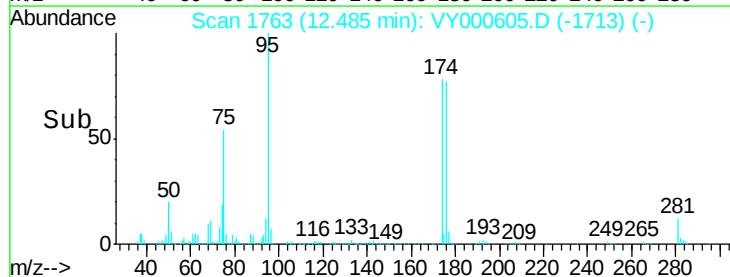
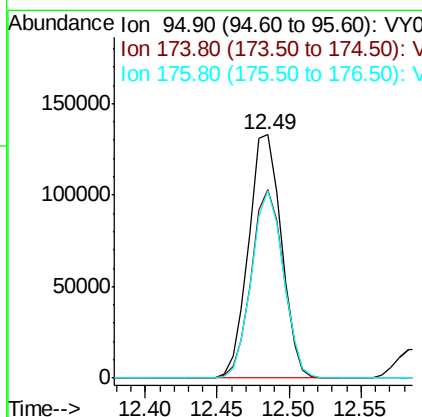
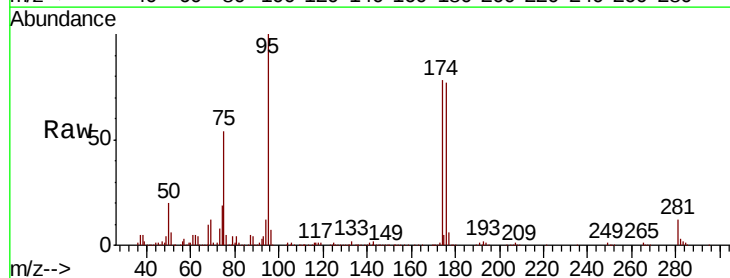
Manual Integrations
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 11/13/2019 11:05:45 AM



#62
 4-Bromofluorobenzene
 Concen: 55.533 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	161.6
176	74.6	0.0	157.8





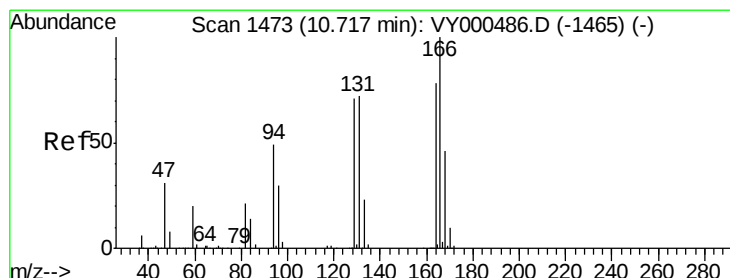
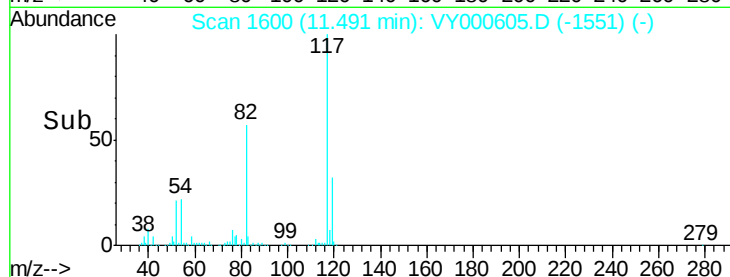
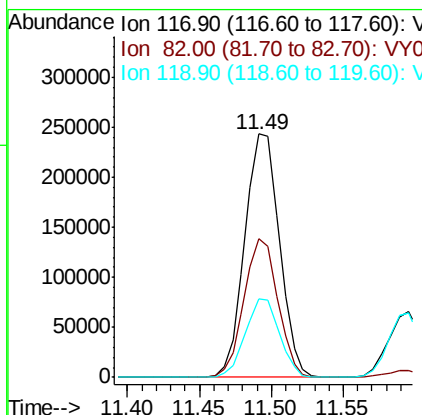
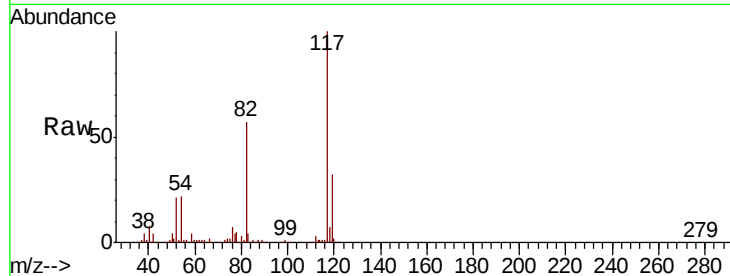
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405816		
82	57.0		40.8	61.2
119	32.2		26.2	39.2

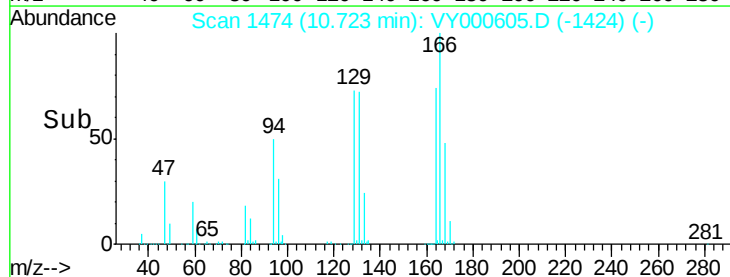
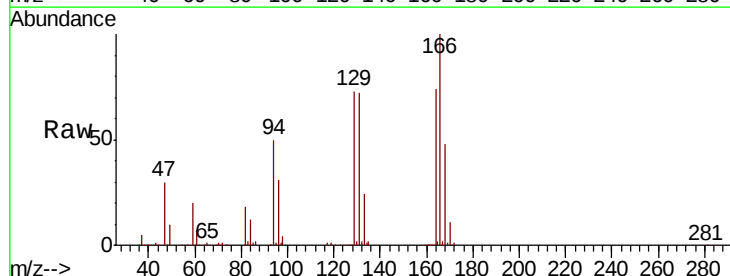
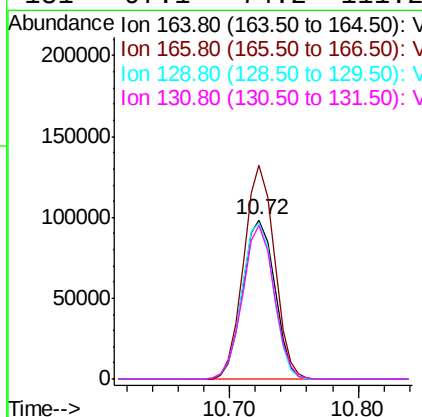
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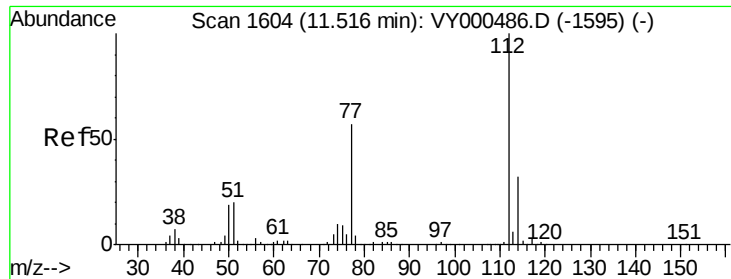
MMDadoda
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#64
Tetrachloroethene
Concen: 50.397 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169112		
166	134.5		102.7	154.1
129	98.7		73.2	109.8
131	97.1		74.2	111.2





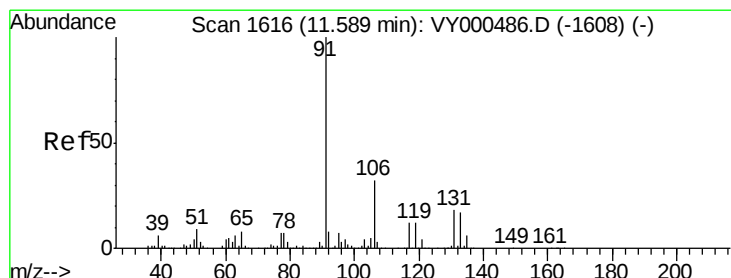
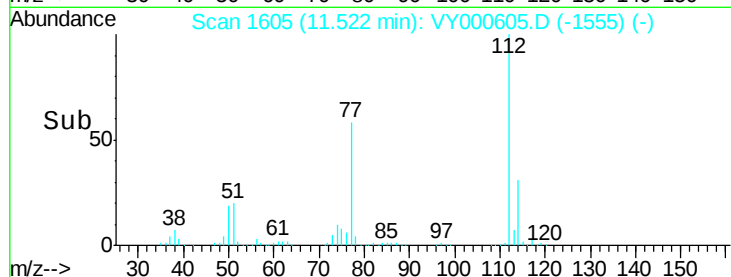
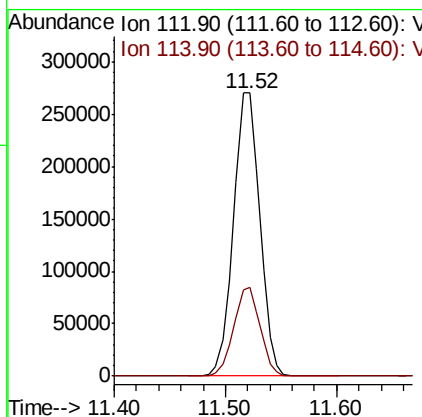
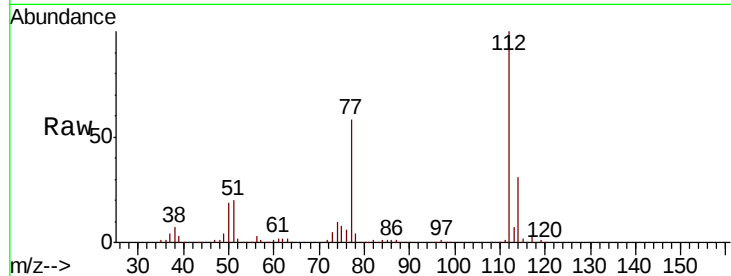
#65
Chlorobenzene
Concen: 53.824 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 442858
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

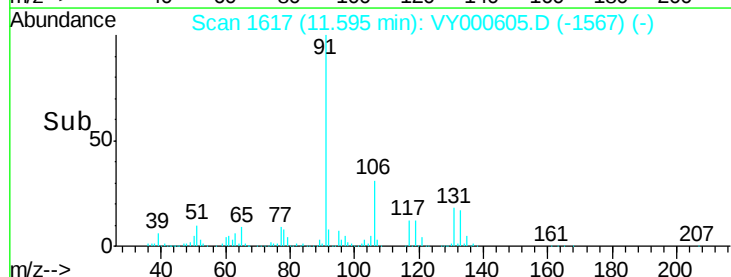
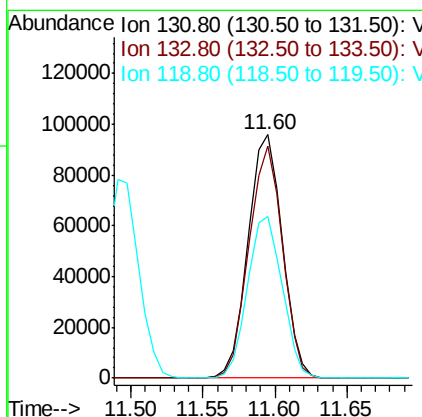
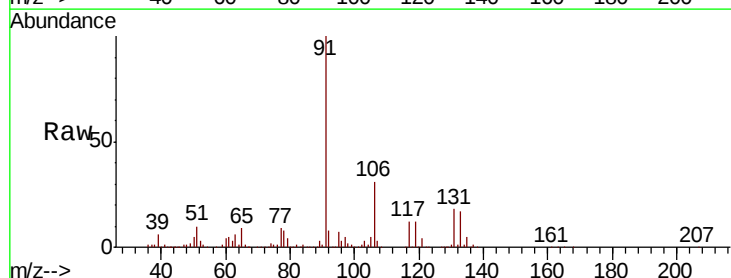
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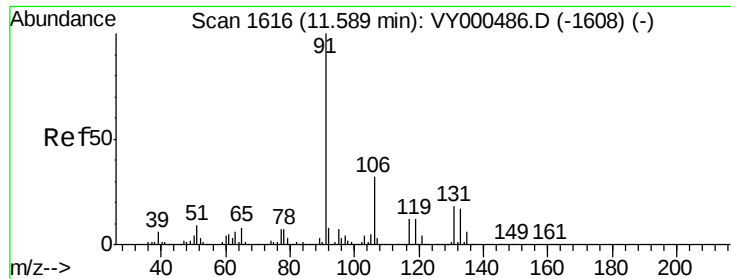
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.243 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion:131 Resp: 157637
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.8
119 67.2 33.1 99.3





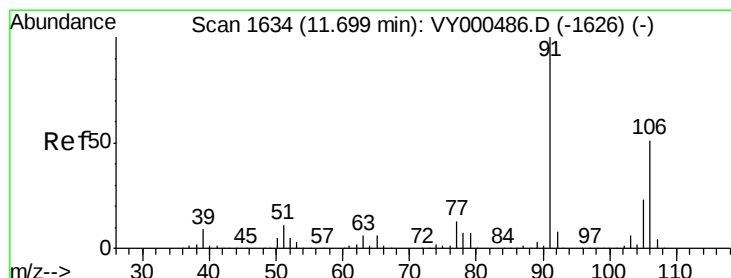
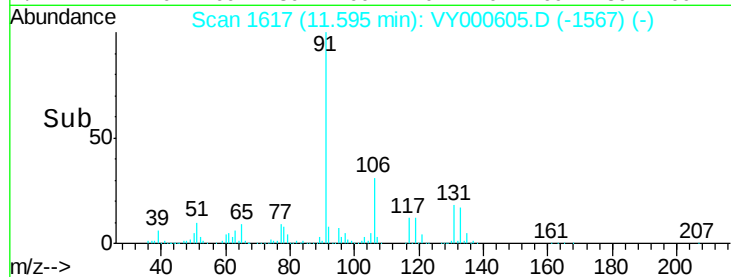
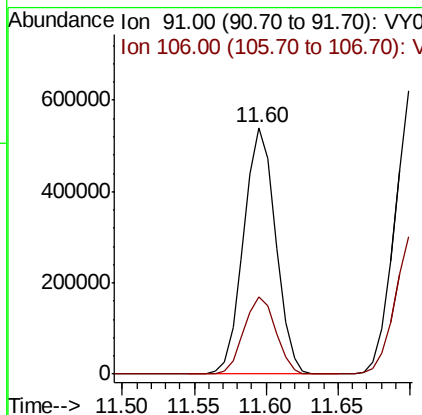
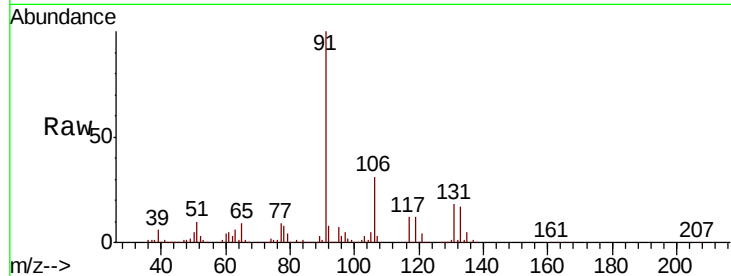
#67
Ethyl Benzene
Concen: 54.750 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 829065
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

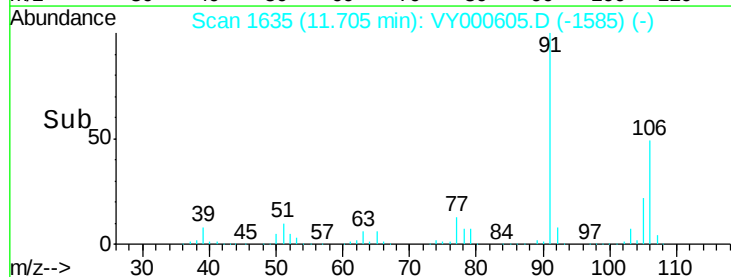
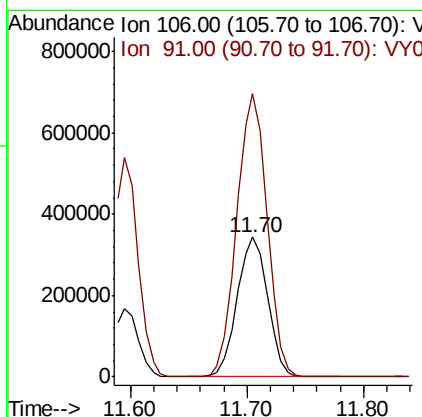
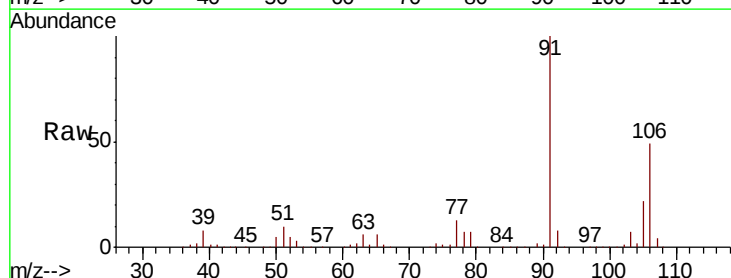
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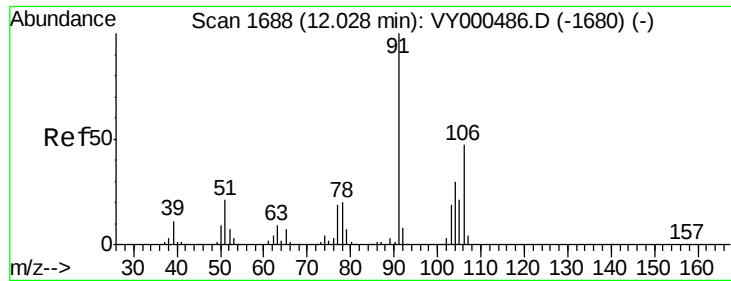
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#68
m/p-Xylenes
Concen: 107.240 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion: 106 Resp: 628522
Ion Ratio Lower Upper
106 100
91 201.3 155.9 233.9





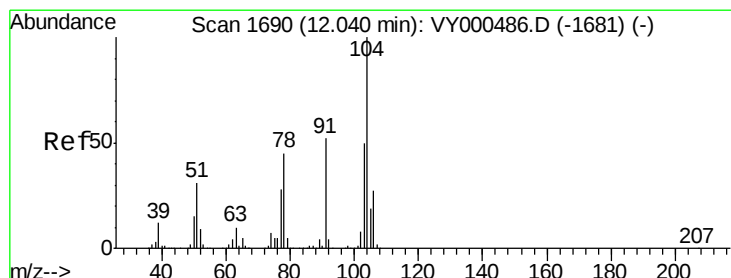
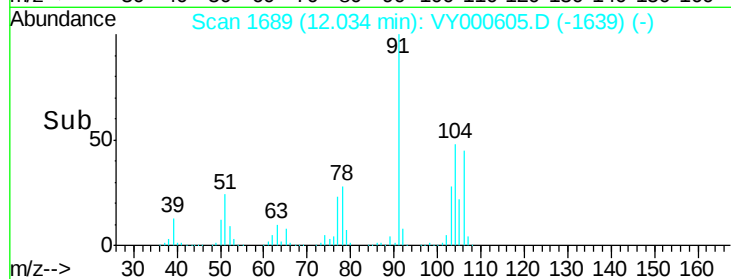
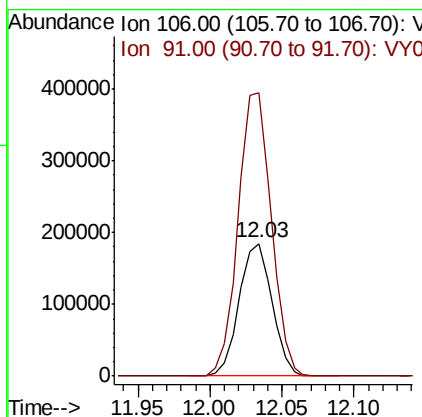
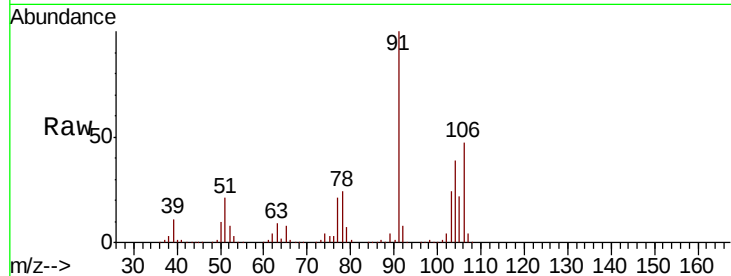
#69
o-Xylene
Concen: 53.319 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		293694		
91	214.9	106.5	319.6		

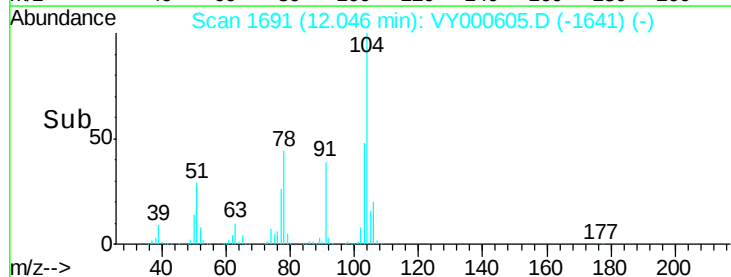
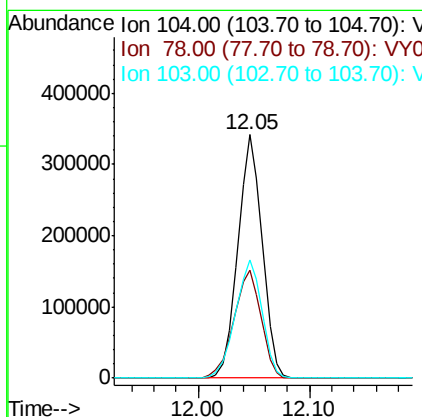
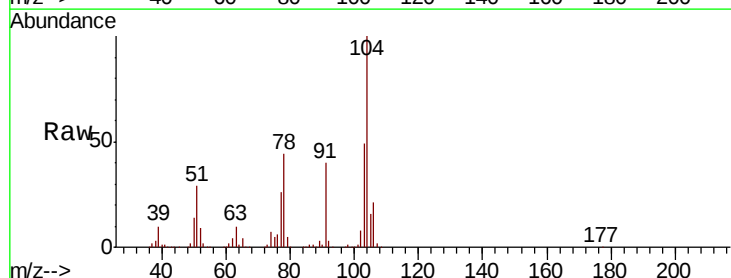
Manual Integrations
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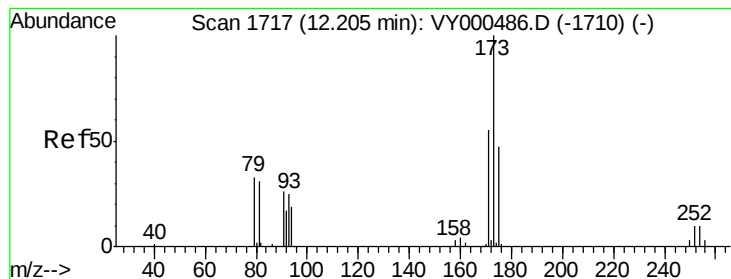
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#70
Styrene
Concen: 54.746 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		516365		
78	49.5	39.0	58.4		
103	53.4	42.5	63.7		





#71

Bromoform

Concen: 55.300 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

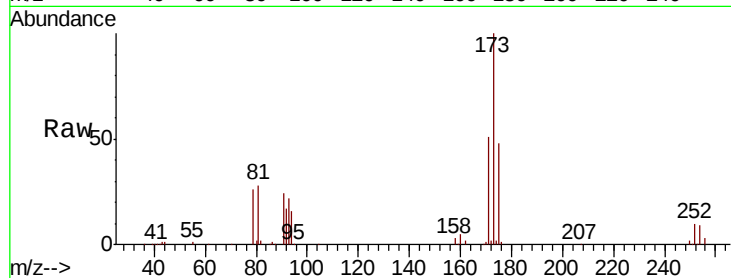
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.2
254	0.0	0.1	0.1#

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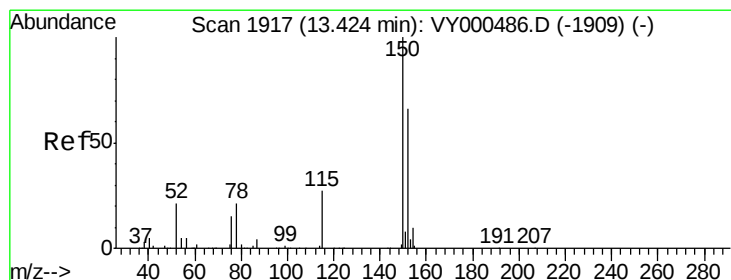
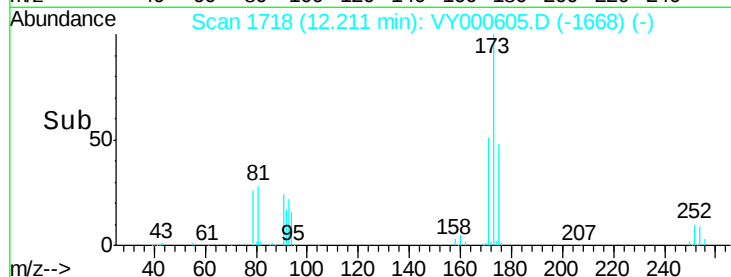
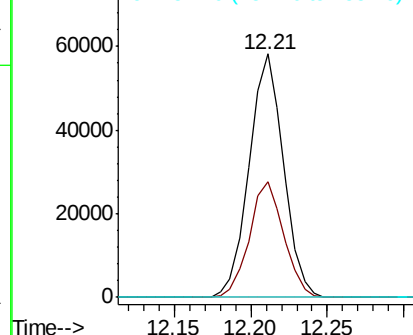


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

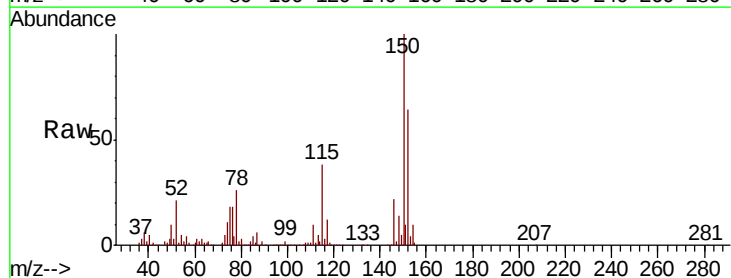
RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.4
150	175.0	0.0	348.8

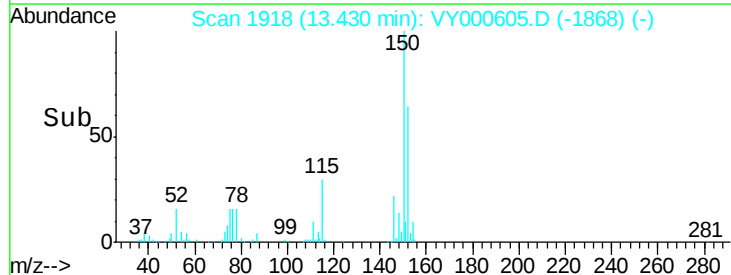
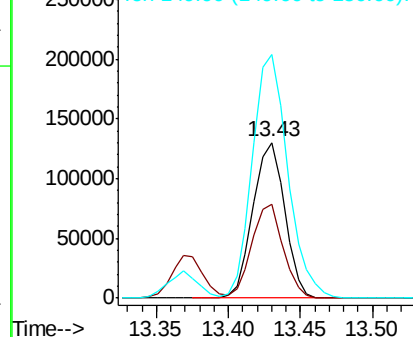


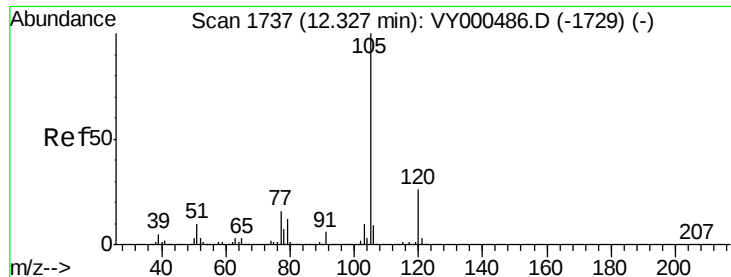
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.574 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 813879

Ion Ratio Lower Upper

105 100

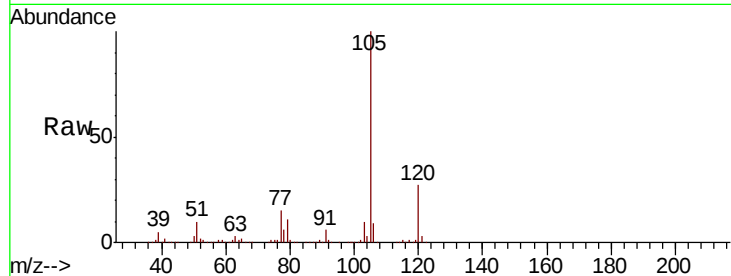
120 26.7 13.5 40.4

Manual Integrations

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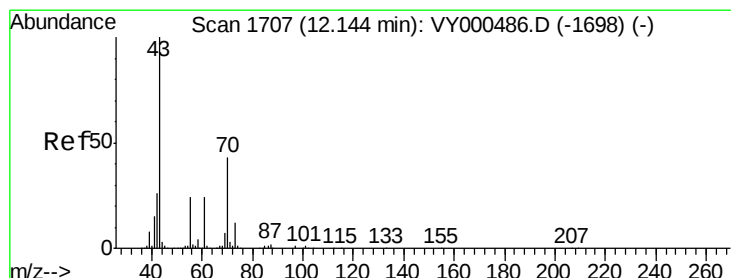
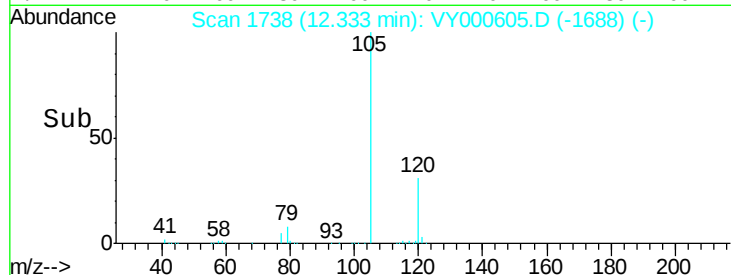
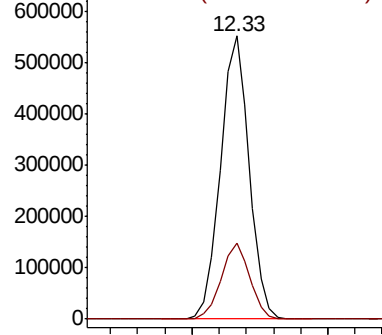
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.159 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion: 43 Resp: 239741

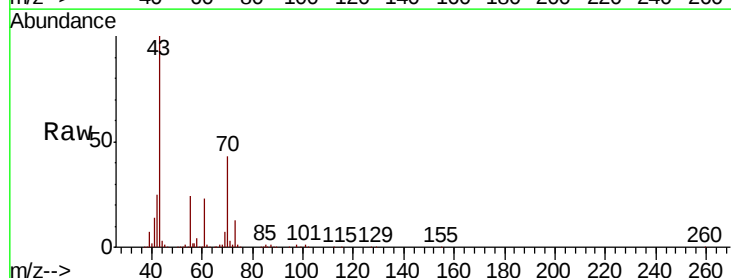
Ion Ratio Lower Upper

43 100

70 41.9 33.1 49.7

55 23.5 18.0 27.0

61 23.7 19.1 28.7

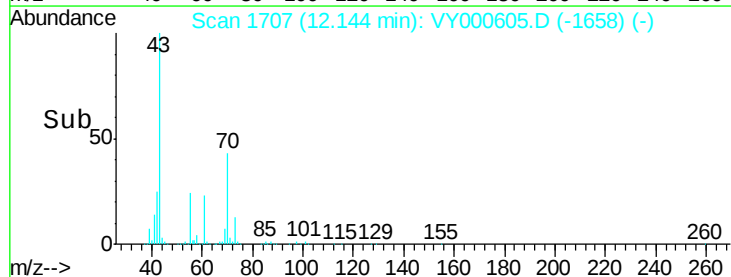
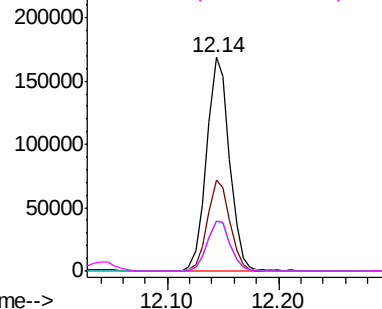


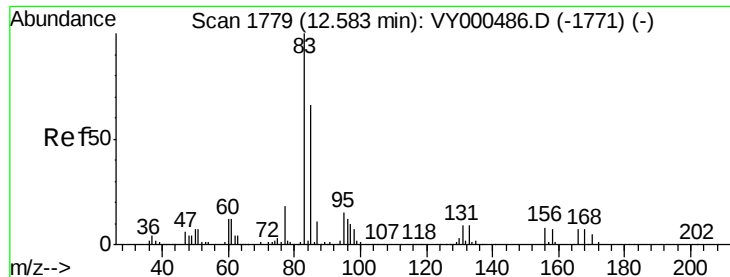
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.014 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

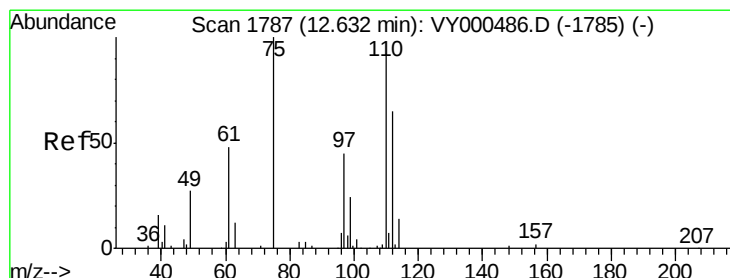
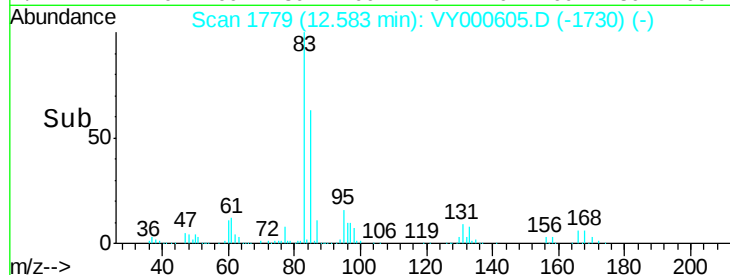
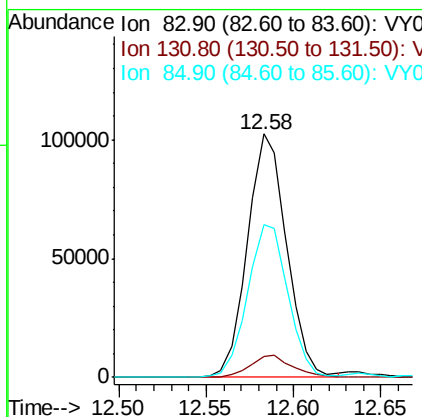
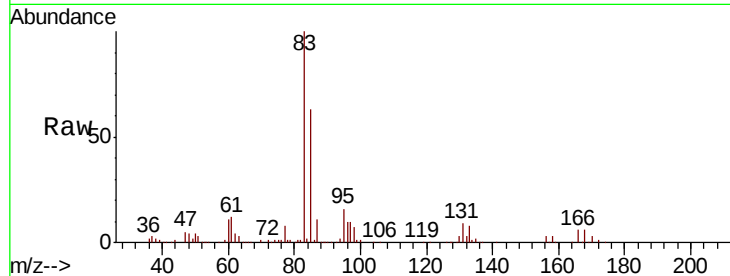
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	159525
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	64.9	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 46.468 ug/l m

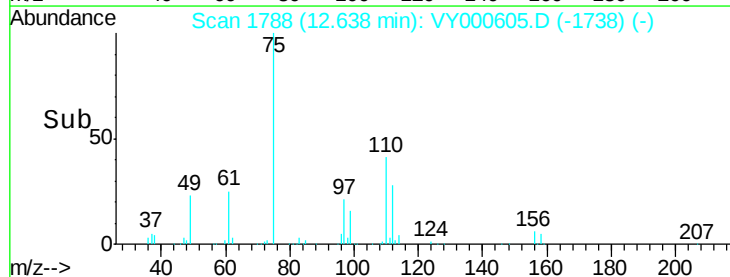
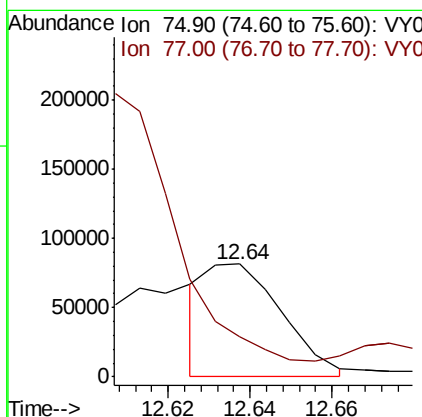
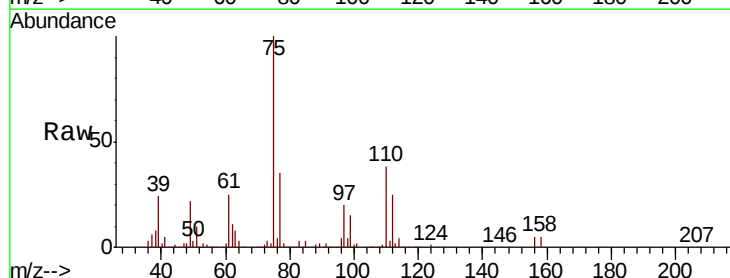
RT: 12.64 min Scan# 1788

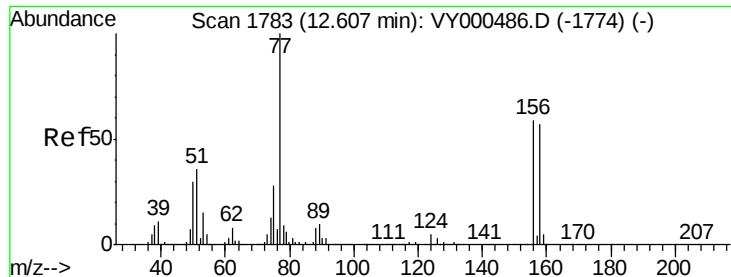
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	75	Resp:	104841
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.925 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

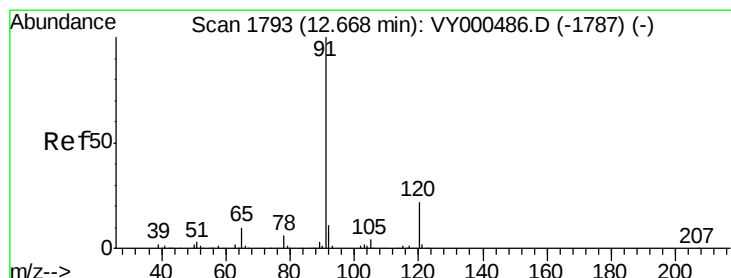
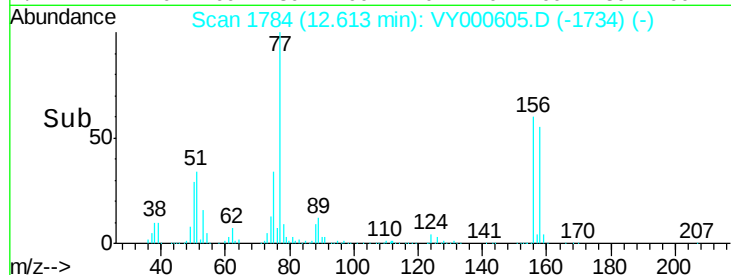
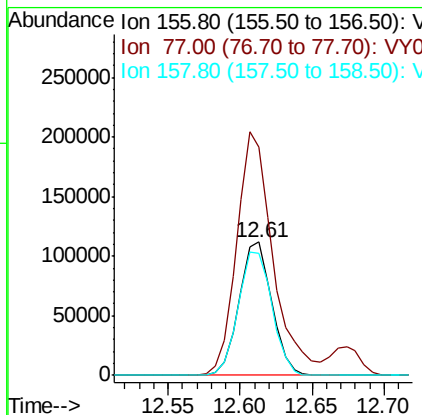
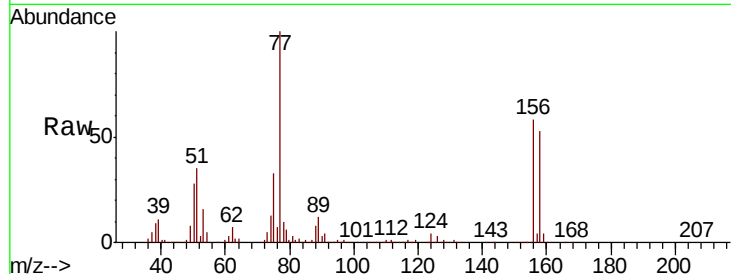
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	175764
Ion Ratio	Lower	Upper	
156	100		
77	204.6	98.2	294.4
158	96.2	49.6	149.0

Manual Integrations
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#78

n-propylbenzene

Concen: 55.500 ug/l

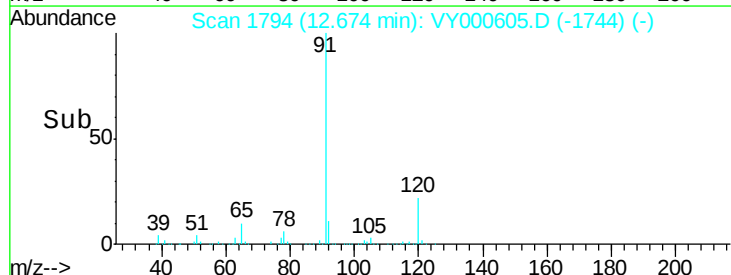
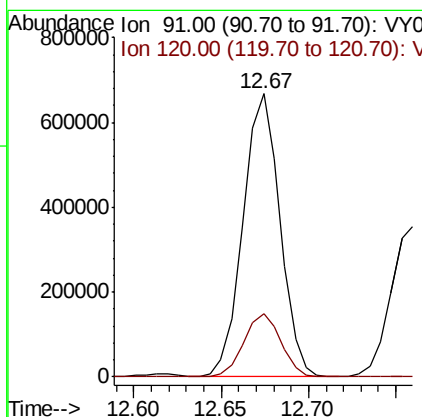
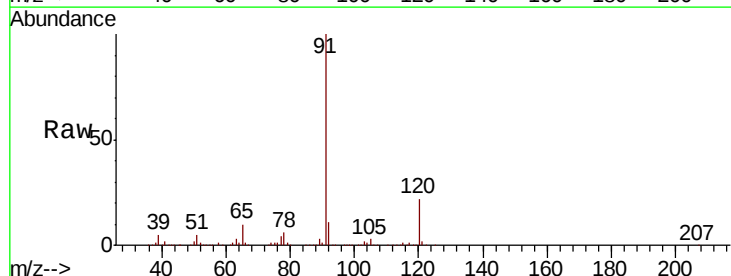
RT: 12.67 min Scan# 1794

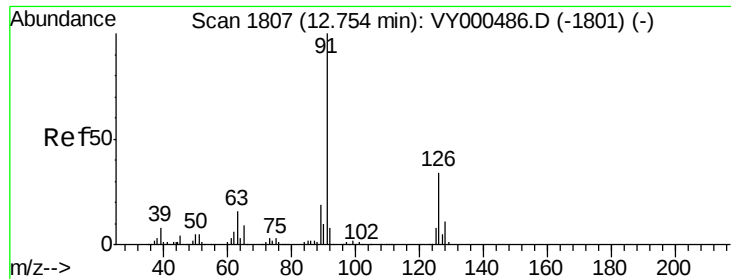
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	91	Resp:	980697
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 55.887 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 548236

Ion Ratio Lower Upper

91 100

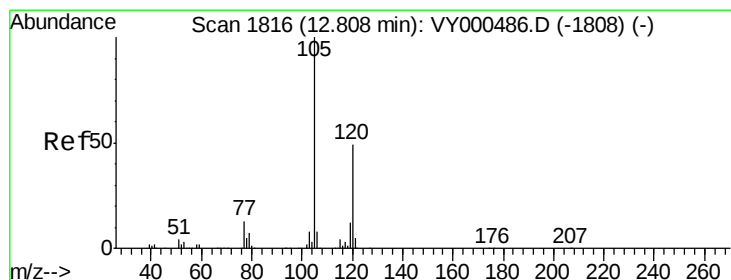
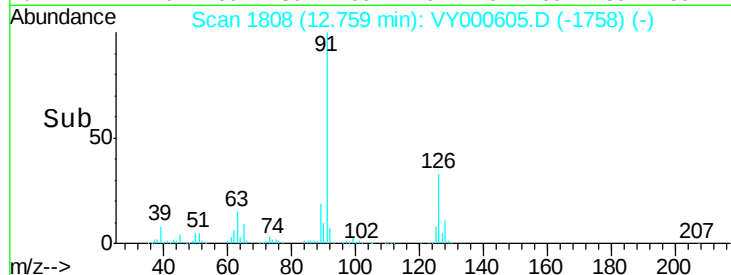
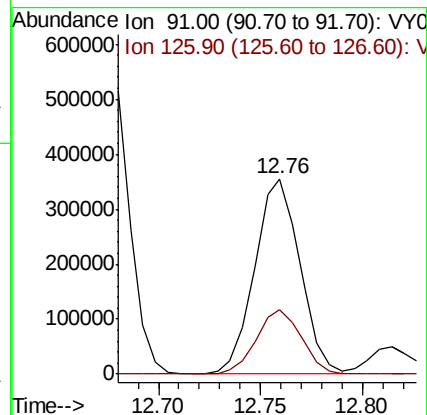
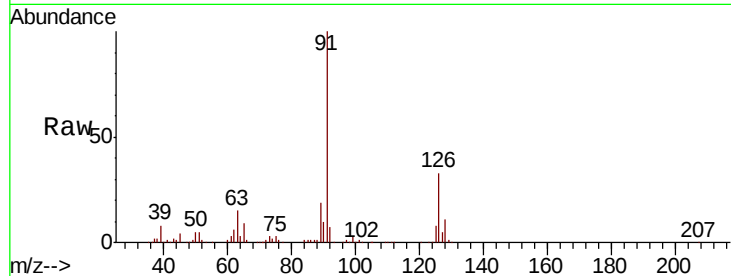
126 33.0 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.491 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000605.D

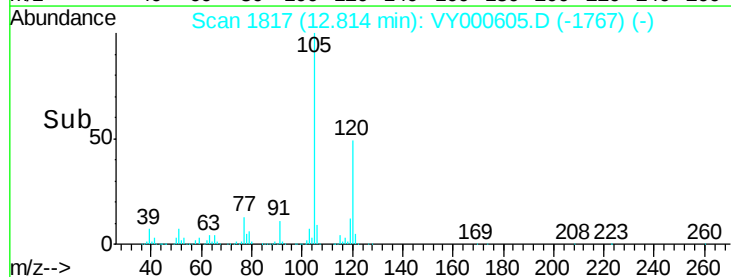
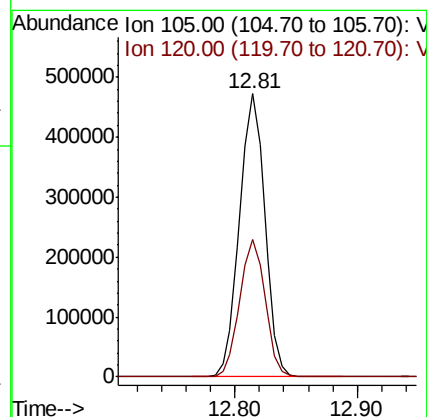
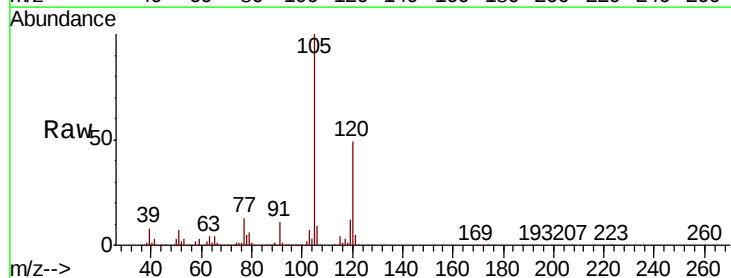
Acq: 08 Nov 2019 10:21

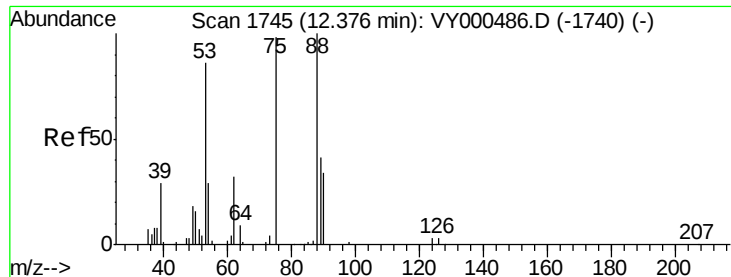
Tgt Ion: 105 Resp: 676819

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.435 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

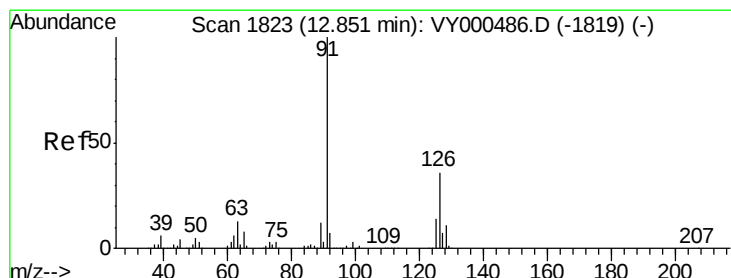
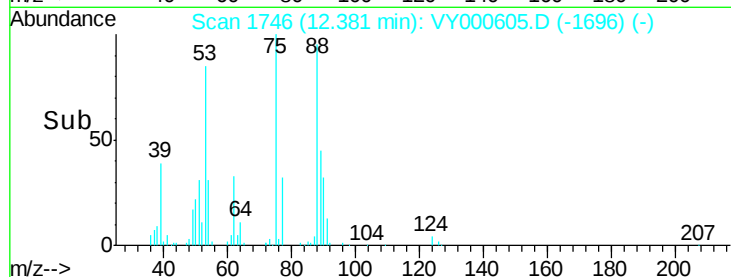
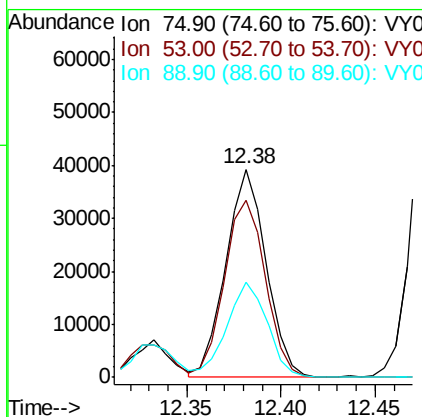
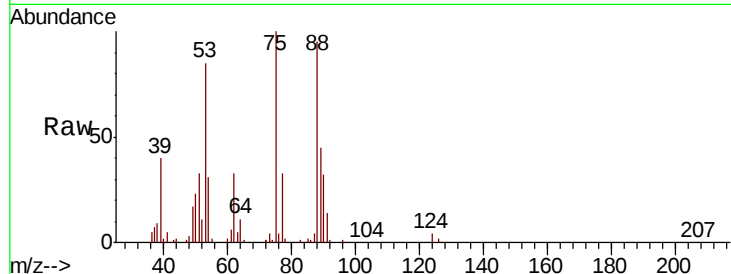
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	57796
Ion Ratio	Lower	Upper	
75	100		
53	87.8	73.2	109.8
89	46.3	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 56.503 ug/l

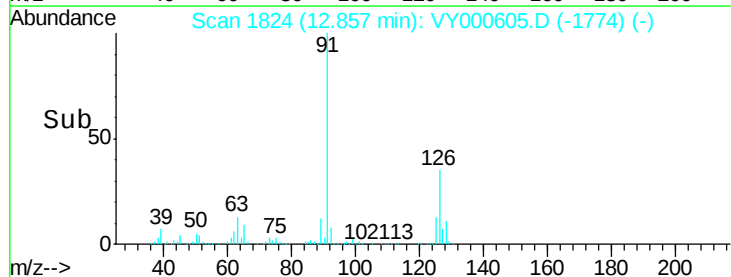
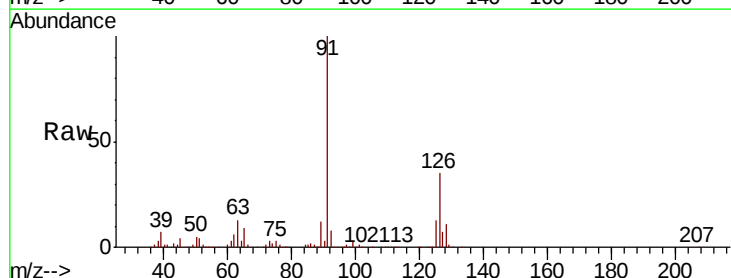
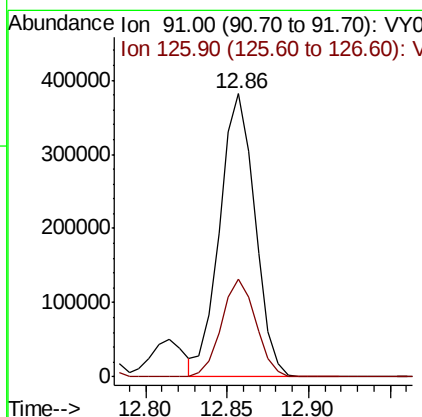
RT: 12.86 min Scan# 1824

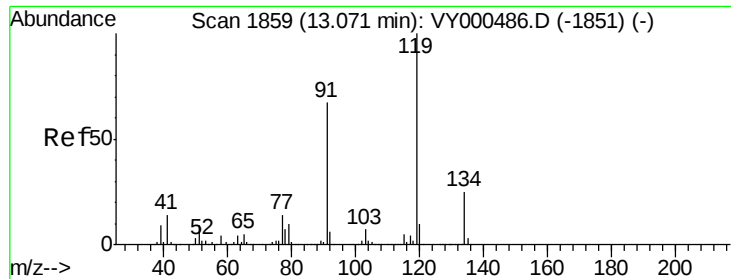
Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	91	Resp:	574563
Ion Ratio	Lower	Upper	
91	100		
126	33.8	17.6	52.9





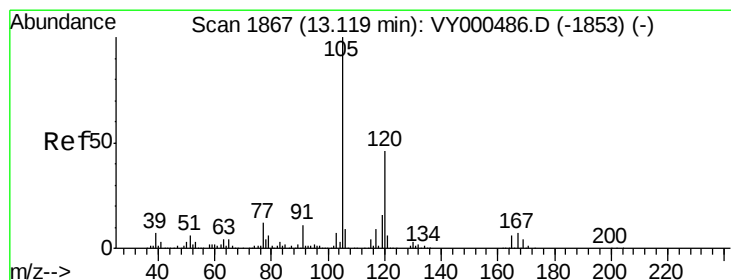
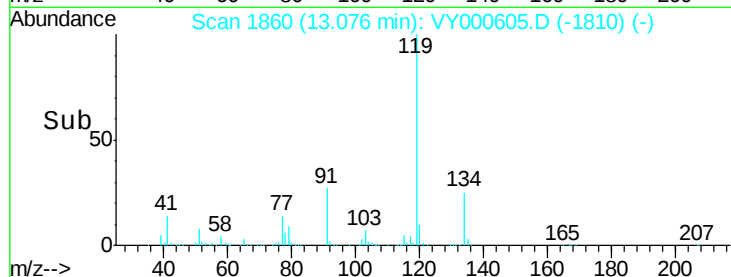
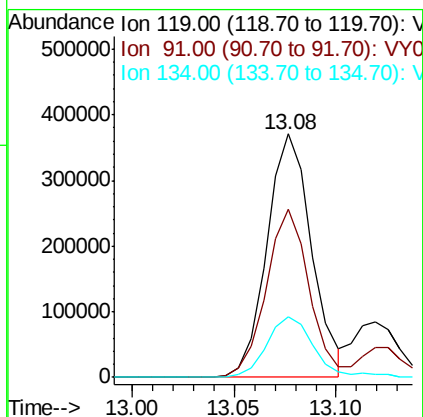
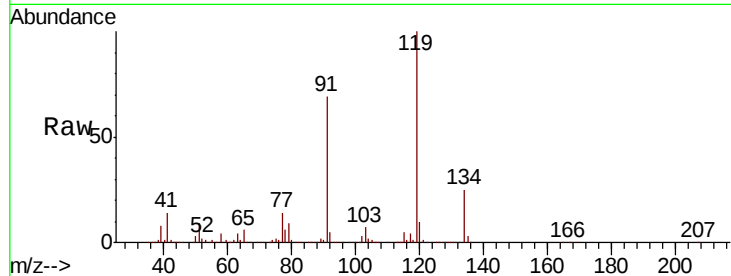
#83
tert-Butylbenzene
Concen: 54.182 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.1	96.3
134	26.4	13.2	39.5

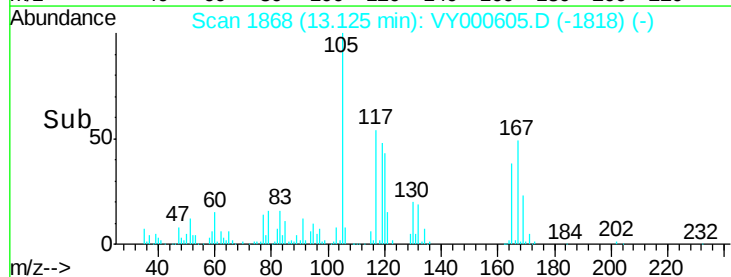
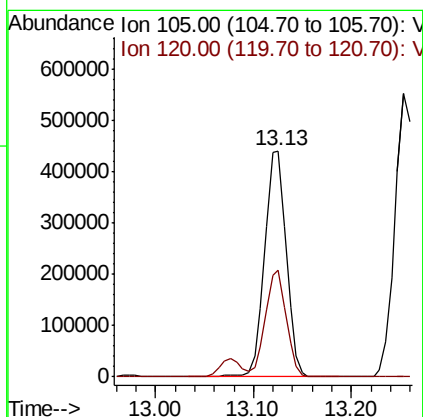
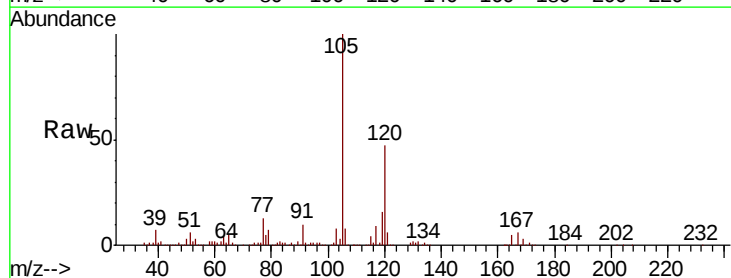
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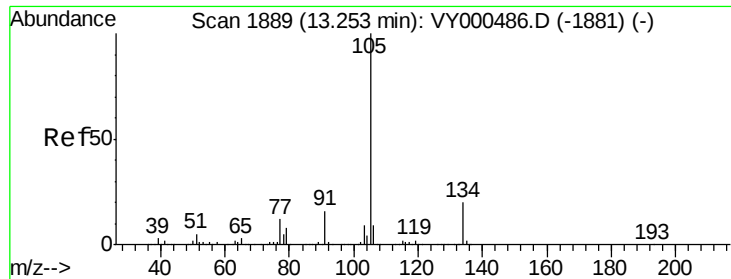
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.716 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.9





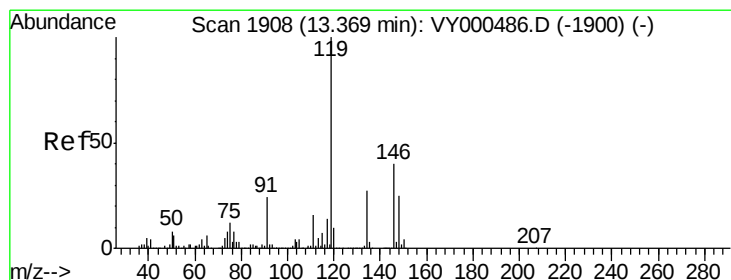
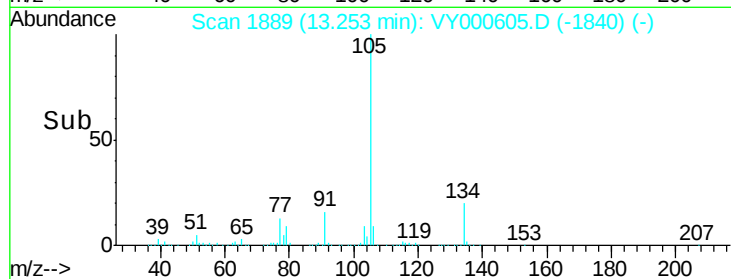
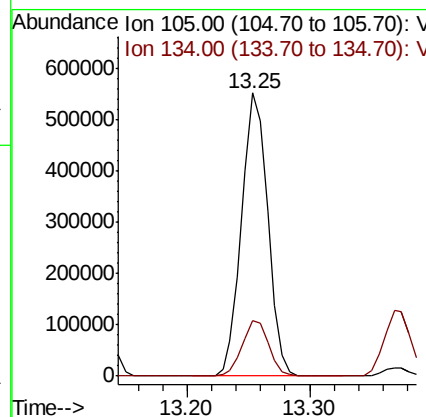
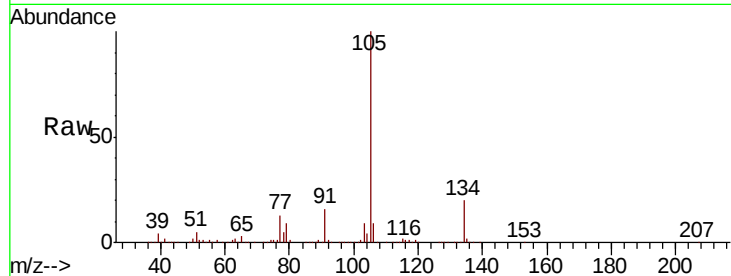
#85
 sec-Butylbenzene
 Concen: 55.057 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

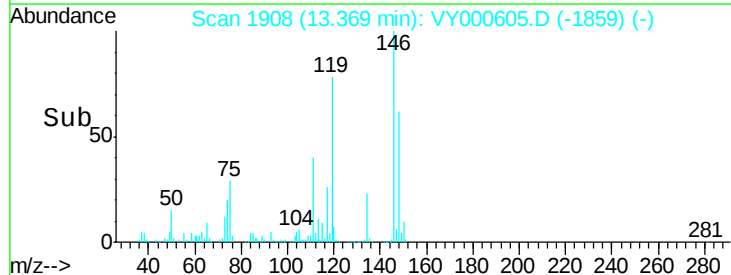
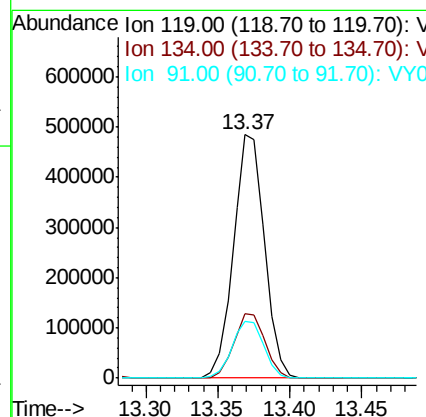
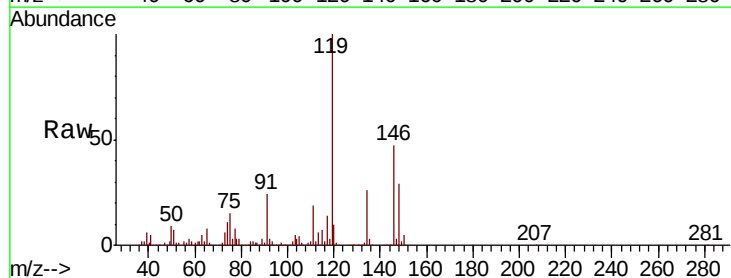
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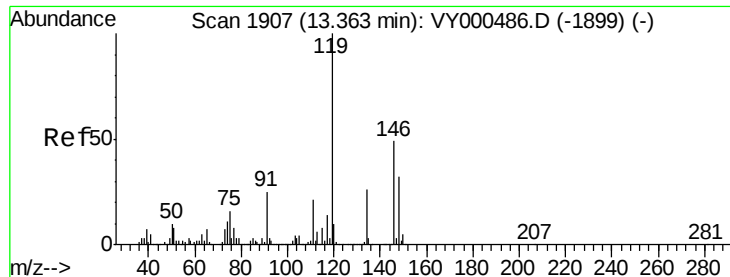
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#86
 p-Isopropyltoluene
 Concen: 54.916 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.8
91	24.0	12.0	36.1





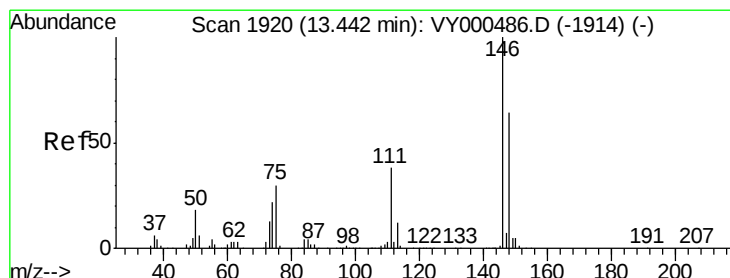
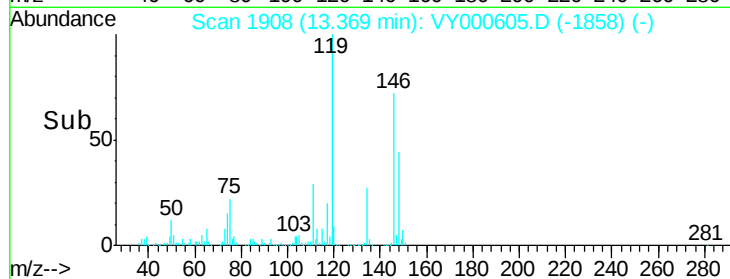
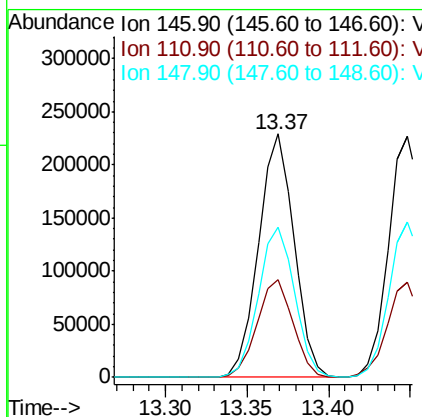
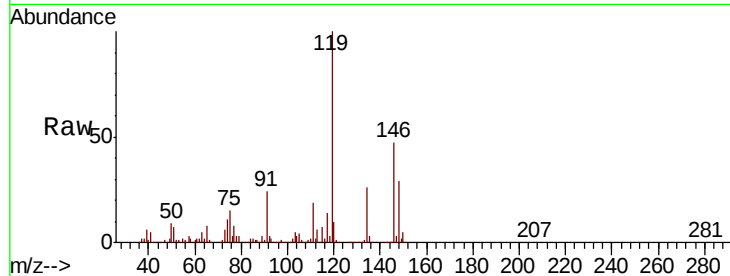
#87
1,3-Dichlorobenzene
Concen: 53.537 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	62.8	31.5	94.5

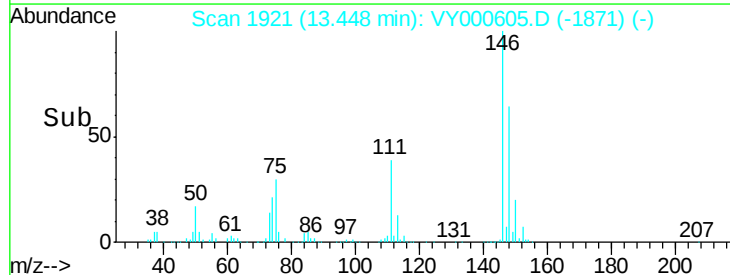
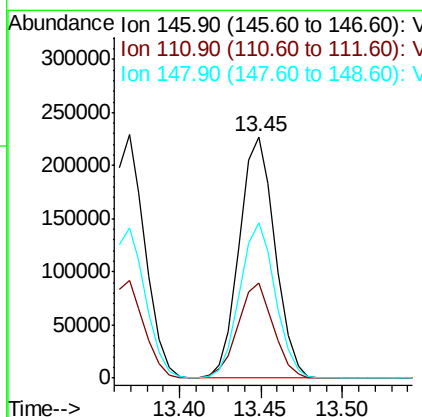
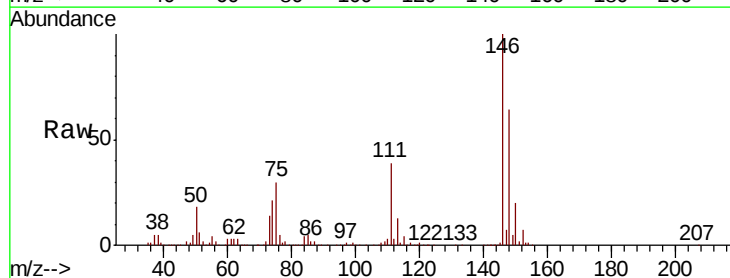
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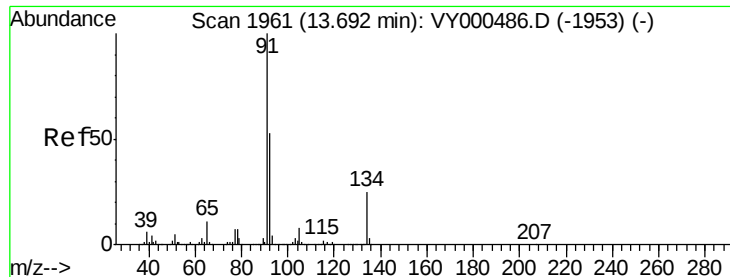
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11/13/2019 11:05:45 AM



#88
1,4-Dichlorobenzene
Concen: 53.397 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.9	31.9	95.7





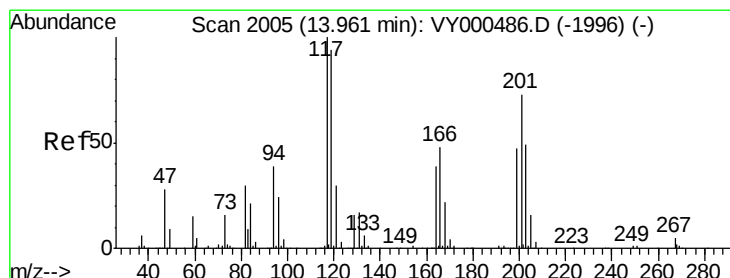
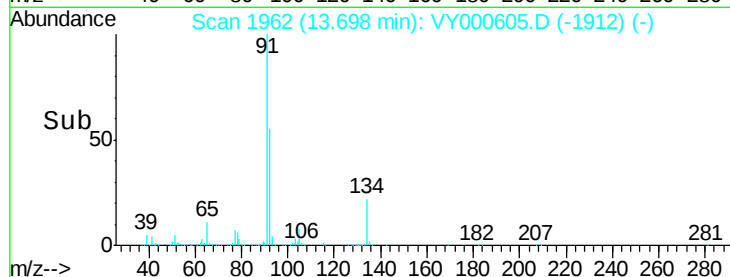
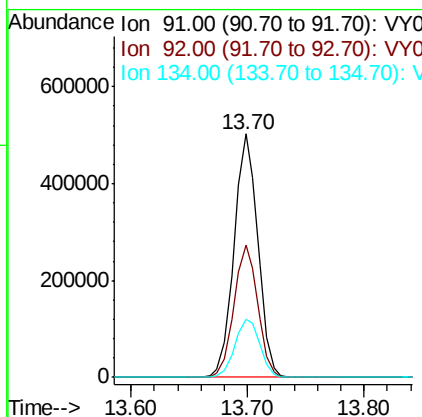
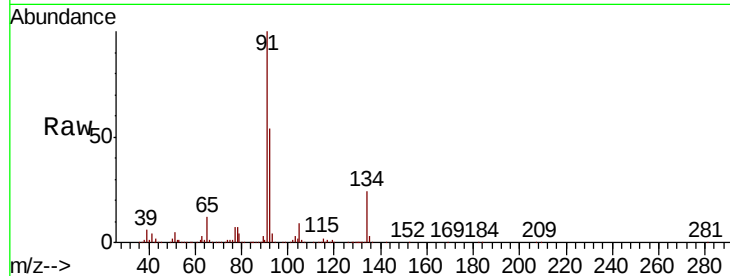
#89
n-Butylbenzene
Concen: 54.732 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.3
134	25.0	12.9	38.7

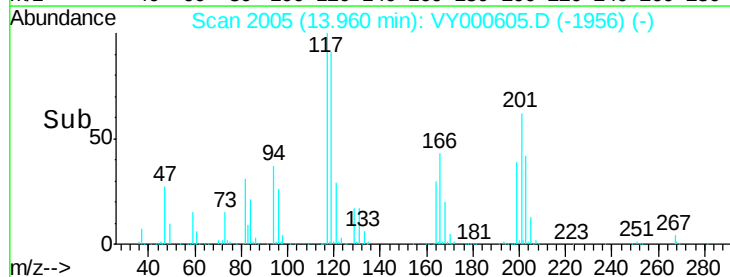
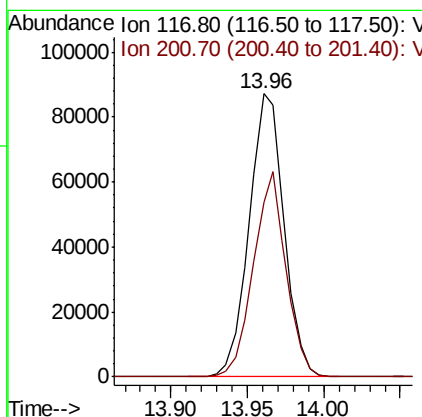
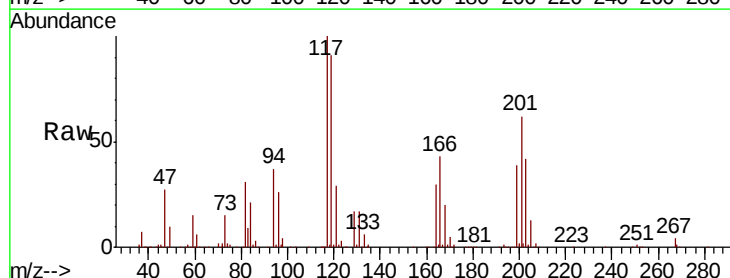
Manual Integrations
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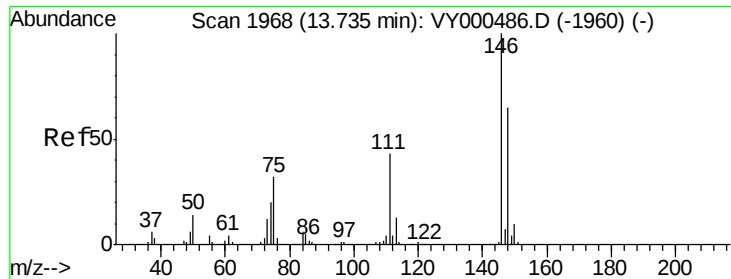
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#90
Hexachloroethane
Concen: 56.567 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000605.D
Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	35.8	107.3





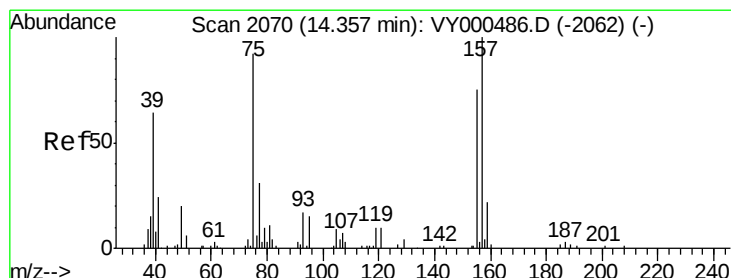
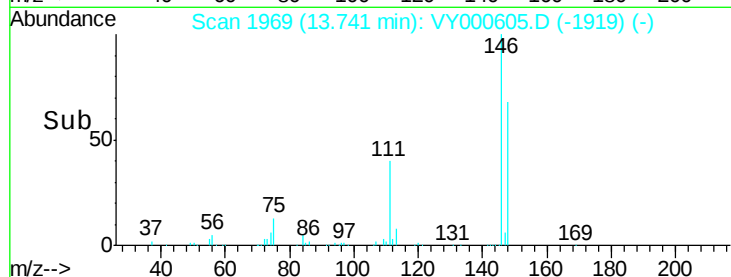
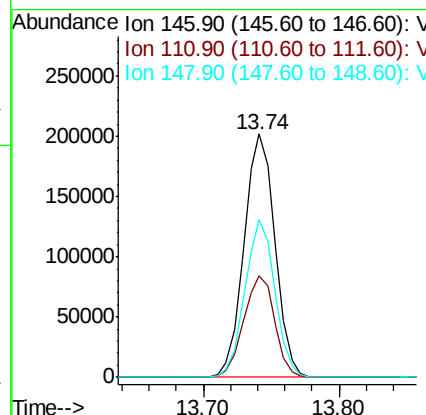
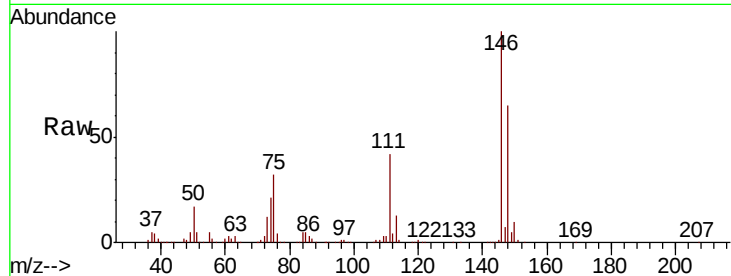
#91
 1,2-Dichlorobenzene
 Concen: 54.182 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	62.9	31.7	95.1

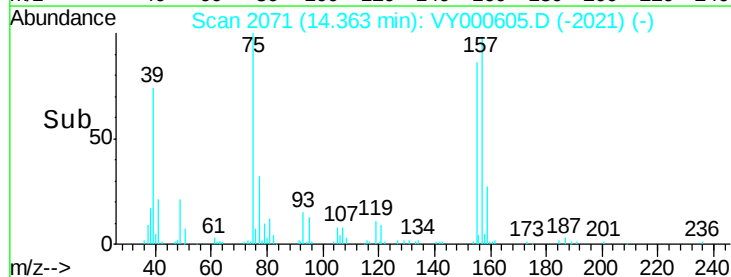
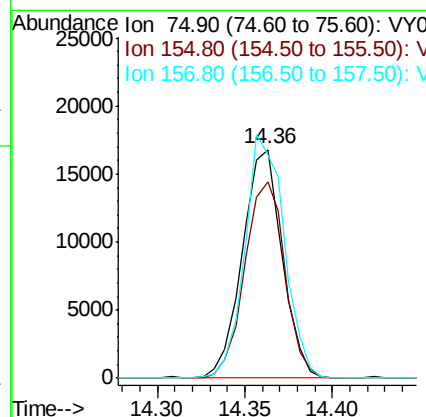
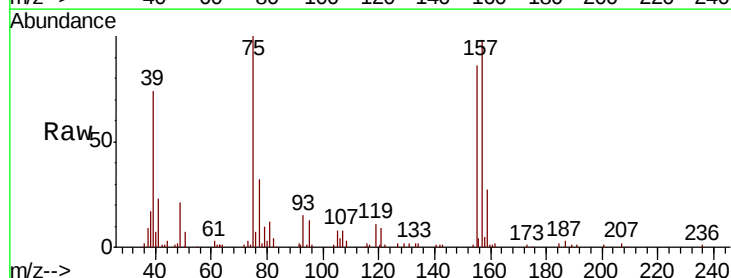
Manual Integrations
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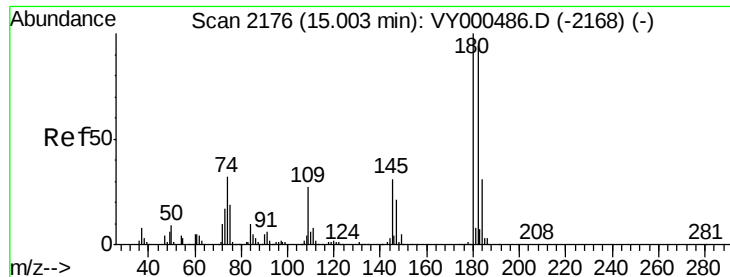
MMDadoda
 11/13/2019 11:05:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.700 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.4	127.1
157	105.2	55.1	165.3





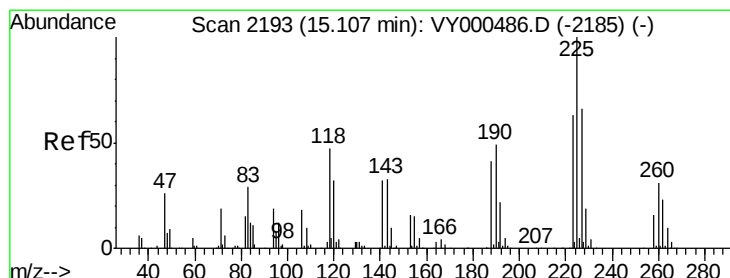
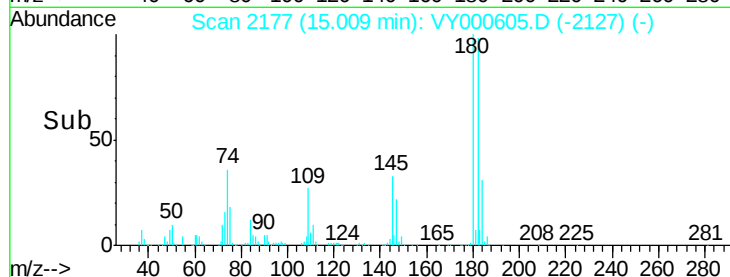
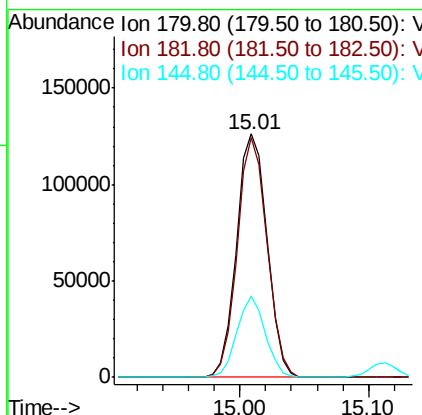
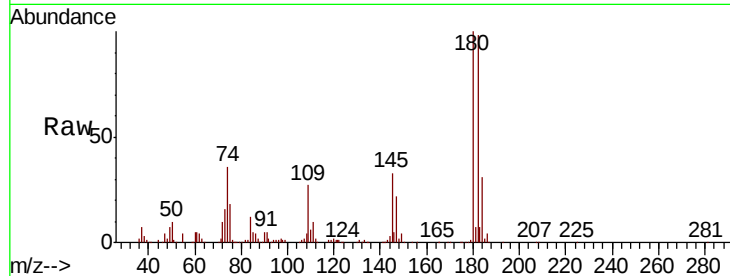
#93
 1,2,4-Trichlorobenzene
 Concen: 51.341 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206320		
182	96.3	47.8	143.4	
145	31.1	16.0	47.9	

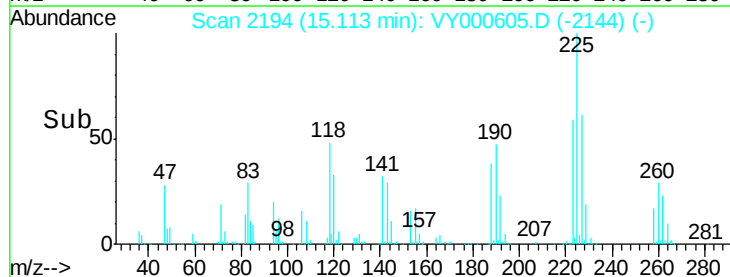
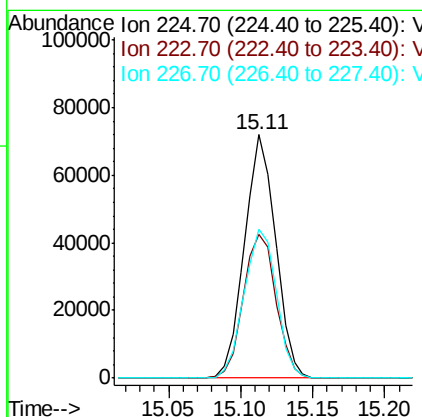
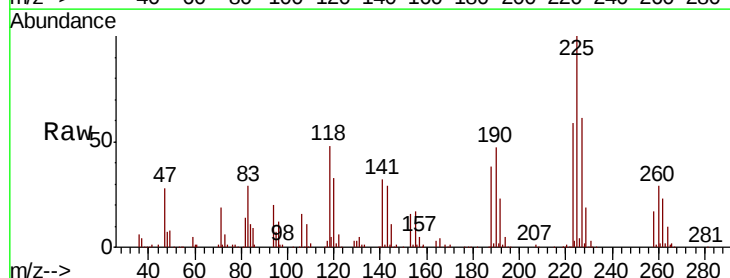
Manual Integrations
 APPROVED

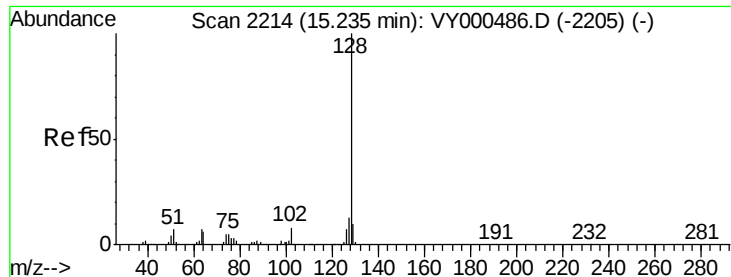
MMDadoda
 11/13/2019 11:05:45 AM



#94
 Hexachlorobutadiene
 Concen: 51.985 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000605.D
 Acq: 08 Nov 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107688		
223	62.1	31.3	93.8	
227	63.5	32.4	97.0	





#95

Naphthalene

Concen: 51.859 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Instrument :

MSVOA_Y

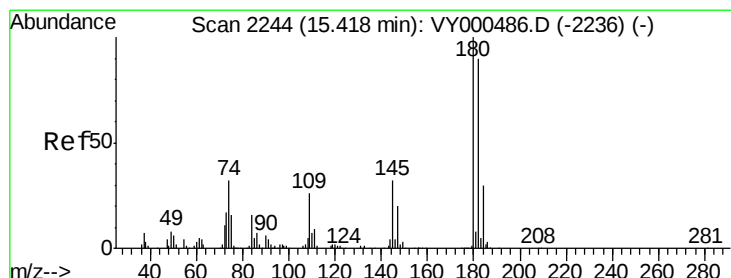
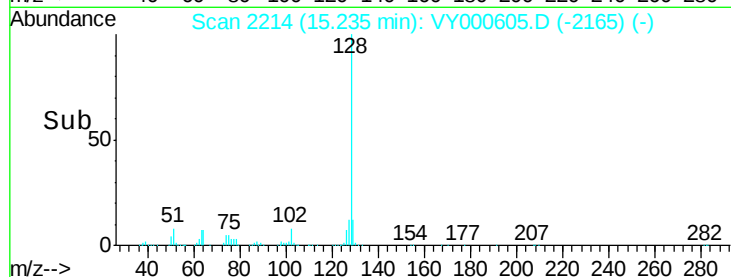
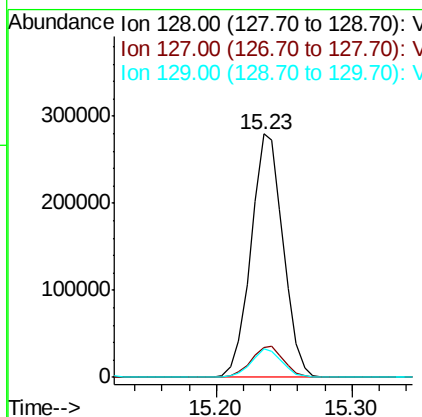
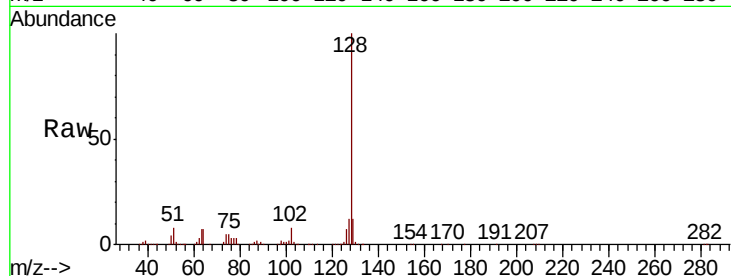
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	462636
Ion Ratio	Lower	Upper	
128	100		
127	12.8	9.8	14.6
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/13/2019 11:05:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.725 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000605.D

Acq: 08 Nov 2019 10:21

Tgt Ion:	180	Resp:	182878
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.4	142.3
145	33.4	15.7	47.0

