

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000595.D
 Acq On : 07 Nov 2019 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:11 PM

Quant Time: Nov 08 05:45:33 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	253598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153928	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.73	113	133028	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	545358	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.48	95	199538	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	129244	51.772	ug/l	99
3) Chloromethane	2.12	50	175236	50.956	ug/l	98
4) Vinyl Chloride	2.25	62	165451	51.809	ug/l	99
5) Bromomethane	2.65	94	109672	57.270	ug/l	93
6) Chloroethane	2.79	64	109736	54.904	ug/l	97
7) Trichlorofluoromethane	3.13	101	237954	55.175	ug/l	99
8) Diethyl Ether	3.53	74	90536	59.081	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141118	54.123	ug/l	96
10) Methyl Iodide	4.10	142	165365	48.300	ug/l	99
11) Tert butyl alcohol	4.97	59	75596	295.910	ug/l	100
12) 1,1-Dichloroethene	3.88	96	139108	54.915	ug/l	98
13) Acrolein	3.74	56	69283	311.345	ug/l	100
14) Allyl chloride	4.49	41	241568	58.646	ug/l	99
15) Acrylonitrile	5.18	53	242604	309.046	ug/l	99
16) Acetone	3.96	43	191693	265.019	ug/l	96
17) Carbon Disulfide	4.19	76	425721	53.284	ug/l	99
18) Methyl Acetate	4.48	43	142766	63.479	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	424068	60.210	ug/l	98
20) Methylene Chloride	4.72	84	164250	52.995	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	158564	55.368	ug/l	92
22) Diisopropyl ether	6.13	45	545822	60.965	ug/l	98
23) Vinyl Acetate	6.07	43	1695915	300.077	ug/l	98
24) 1,1-Dichloroethane	6.03	63	281117	57.960	ug/l	98
25) 2-Butanone	7.00	43	335796	290.892	ug/l	94
26) 2,2-Dichloropropane	6.99	77	229510	51.780	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	182866	58.396	ug/l	99
28) Bromochloromethane	7.35	49	122615	54.987	ug/l	97
29) Tetrahydrofuran	7.36	42	219013	310.129	ug/l	100
30) Chloroform	7.52	83	282448	57.566	ug/l	99
31) Cyclohexane	7.79	56	265504	52.264	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	246336	56.333	ug/l	100
36) 1,1-Dichloropropene	7.93	75	222178	53.567	ug/l	98
37) Ethyl Acetate	7.09	43	142007	57.669	ug/l	99
38) Carbon Tetrachloride	7.91	117	214204	53.672	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	281127	52.464	ug/l	98
40) Benzene	8.17	78	664582	54.653	ug/l	100
41) Methacrylonitrile	7.33	41	60717m	44.199	ug/l	
42) 1,2-Dichloroethane	8.25	62	196796	57.061	ug/l	99
43) Isopropyl Acetate	8.28	43	275542	59.567	ug/l	99
44) Trichloroethene	8.95	130	171685	53.549	ug/l	98
45) 1,2-Dichloropropane	9.22	63	170456	56.956	ug/l	92
46) Dibromomethane	9.32	93	92935	56.464	ug/l	100
47) Bromodichloromethane	9.50	83	225911	57.845	ug/l	98
48) Methyl methacrylate	9.30	41	124603	61.651	ug/l	97
49) 1,4-Dioxane	9.30	88	26971	1217.567	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	750883	305.312	ug/l	100
52) Toluene	10.25	92	420032	54.636	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	245313	58.787	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	272286	56.957	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	136792	57.461	ug/l	96
56) Ethyl methacrylate	10.51	69	209260	62.019	ug/l	99
57) 1,3-Dichloropropane	10.79	76	242416	58.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	419132	274.767	ug/l	99
59) 2-Hexanone	10.83	43	535774	298.997	ug/l	99
60) Dibromochloromethane	10.99	129	157240	57.664	ug/l	99
61) 1,2-Dibromoethane	11.09	107	130727	57.112	ug/l	95
64) Tetrachloroethene	10.72	164	178366	52.481	ug/l	98
65) Chlorobenzene	11.52	112	444434	53.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	160244	55.444	ug/l	99
67) Ethyl Benzene	11.60	91	829023	54.053	ug/l	97
68) m/p-Xylenes	11.70	106	614760	103.562	ug/l	94
69) o-Xylene	12.03	106	298441	53.494	ug/l	100
70) Styrene	12.05	104	526339	55.096	ug/l	100
71) Bromoform	12.20	173	94845	57.055	ug/l #	99
73) Isopropylbenzene	12.33	105	805280	53.583	ug/l	99
74) N-amyl acetate	12.14	43	267947	62.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	168640	56.673	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	128035m	55.299	ug/l	
77) Bromobenzene	12.61	156	181762	53.333	ug/l	97
78) n-propylbenzene	12.67	91	976940	53.876	ug/l	99
79) 2-Chlorotoluene	12.75	91	556207	55.252	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	678474	54.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58742	56.885	ug/l	99
82) 4-Chlorotoluene	12.85	91	579051	55.491	ug/l	97
83) tert-Butylbenzene	13.08	119	570753	53.406	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	689679	55.341	ug/l	97
85) sec-Butylbenzene	13.25	105	821354	53.944	ug/l	99
86) p-Isopropyltoluene	13.37	119	730389	53.823	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	356239	53.367	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	357376	53.576	ug/l	99
89) n-Butylbenzene	13.69	91	729753	54.523	ug/l	99
90) Hexachloroethane	13.96	117	138028	55.019	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	329503	54.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31779	60.344	ug/l	92

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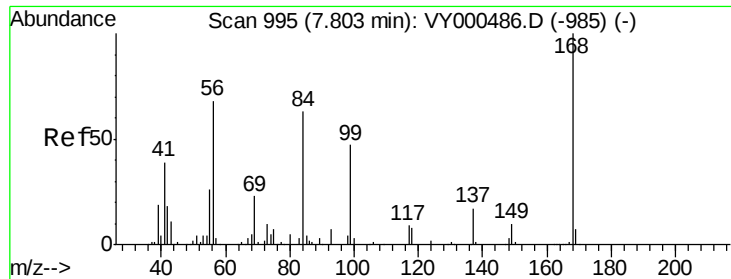
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	220353	53.433	ug/l	98
94) Hexachlorobutadiene	15.11	225	109778	51.641	ug/l	98
95) Naphthalene	15.23	128	520178	56.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	198983	53.782	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 253598

Ion Ratio Lower Upper

168 100

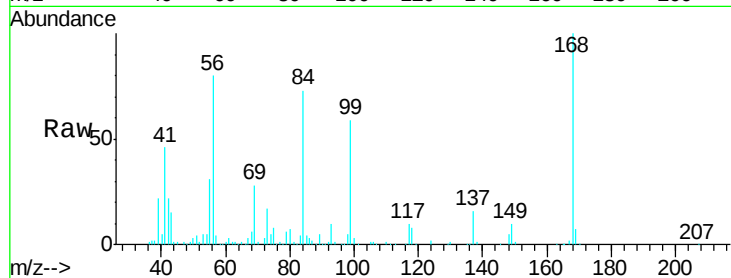
99 59.4 45.7 68.5

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

120000

100000

80000

60000

40000

20000

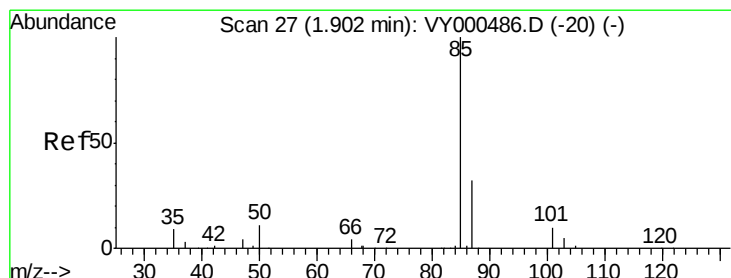
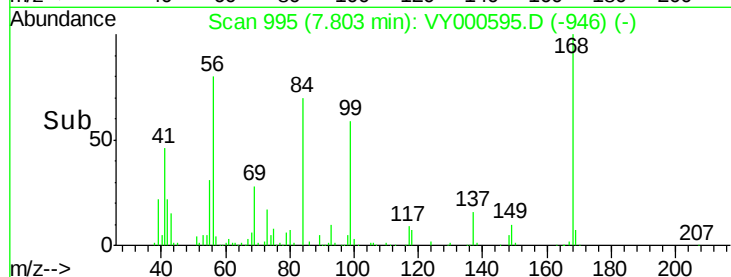
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.772 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000595.D

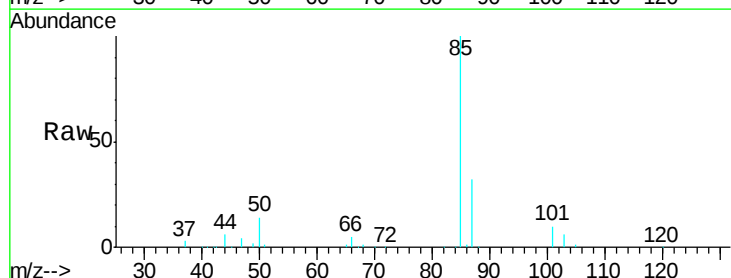
Acq: 07 Nov 2019 20:37

Tgt Ion: 85 Resp: 129244

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



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

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

1.90

80000

60000

40000

20000

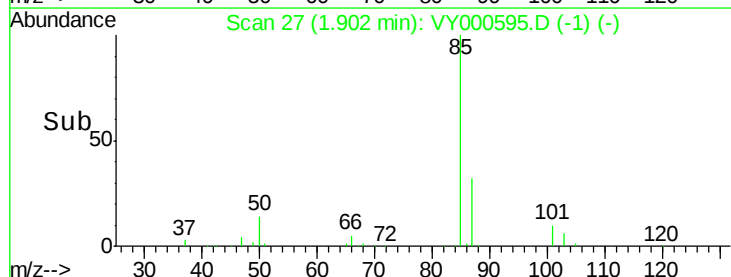
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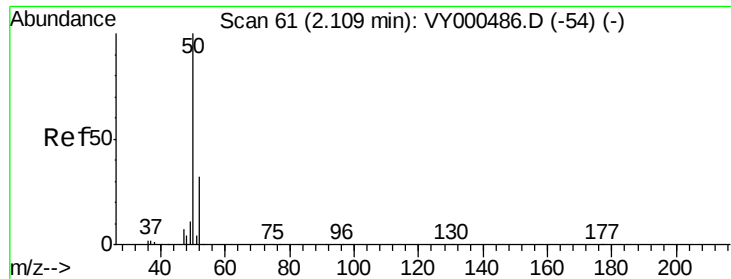
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 50.956 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 175236

Ion Ratio Lower Upper

50 100

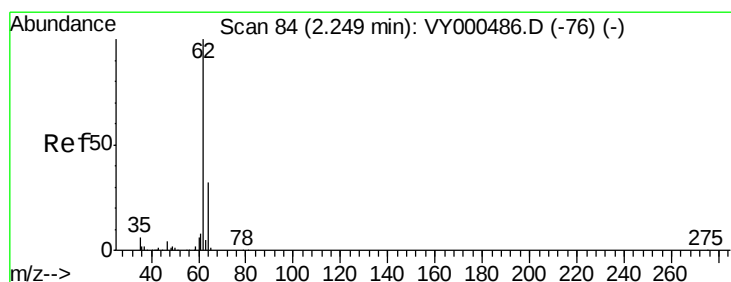
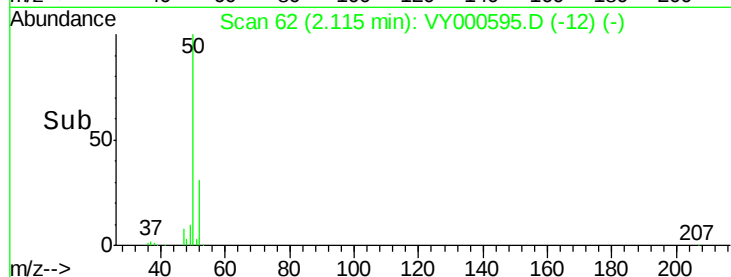
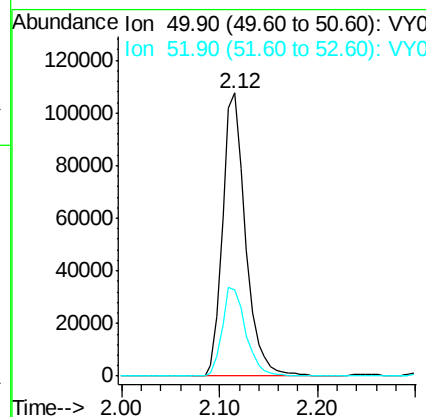
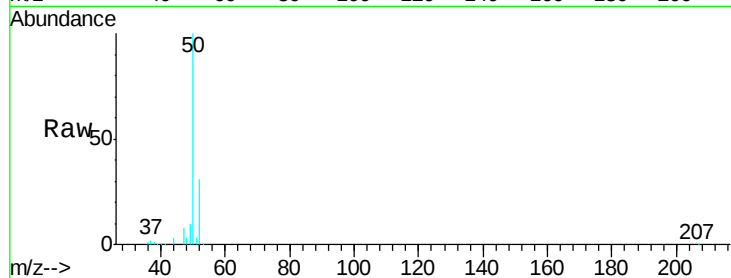
52 30.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.809 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000595.D

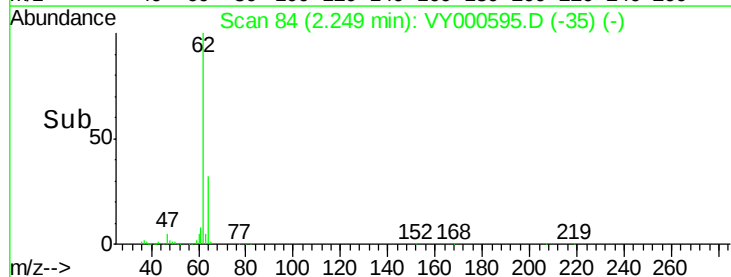
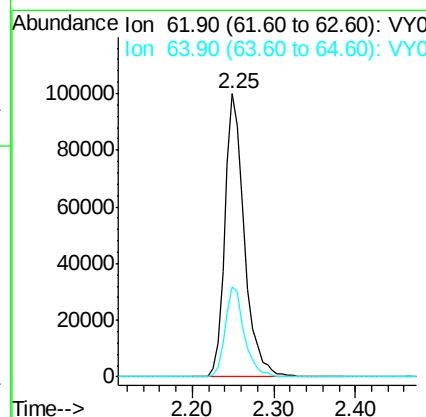
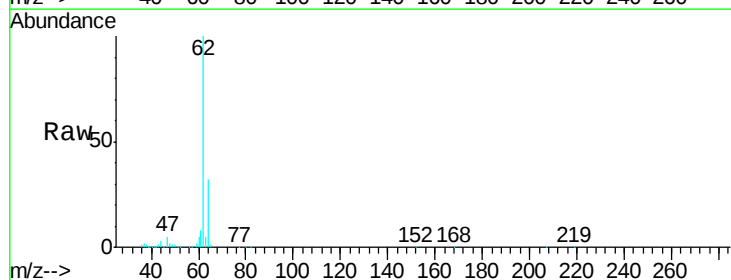
Acq: 07 Nov 2019 20:37

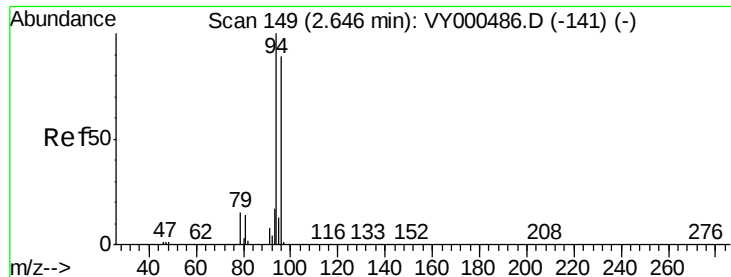
Tgt Ion: 62 Resp: 165451

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 57.270 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 109672

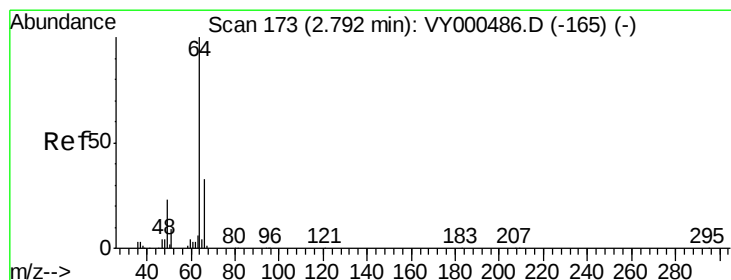
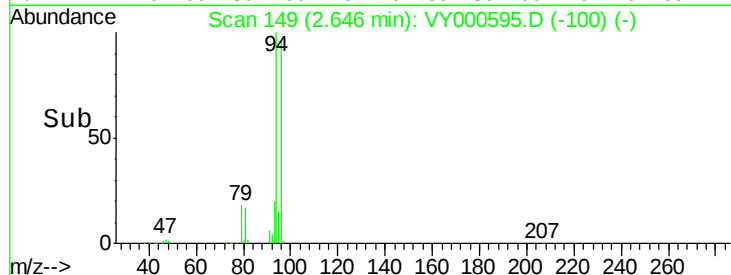
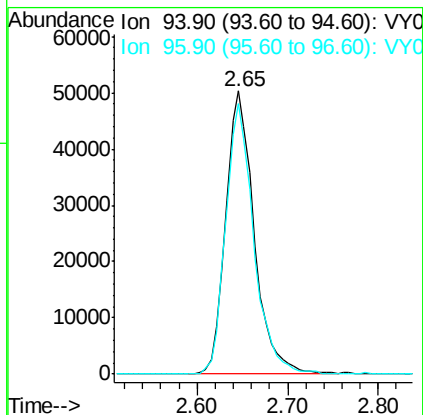
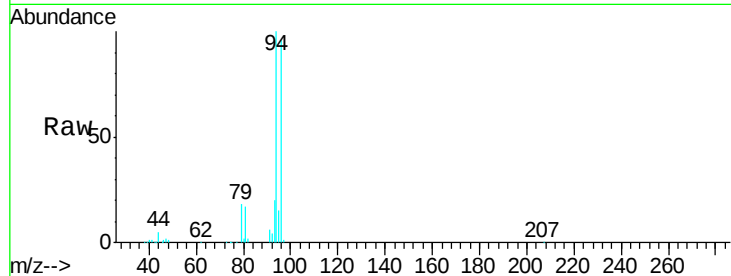
Ion Ratio Lower Upper

94 100

96 95.6 71.2 106.8

Manual Integrations
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#6

Chloroethane

Concen: 54.904 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000595.D

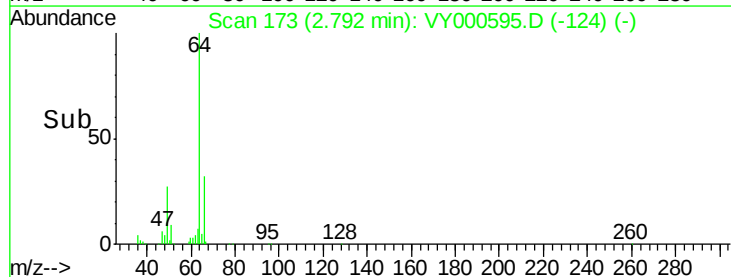
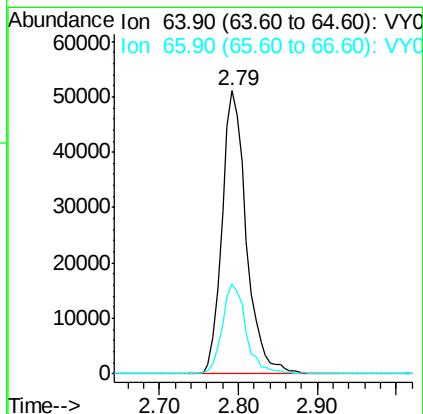
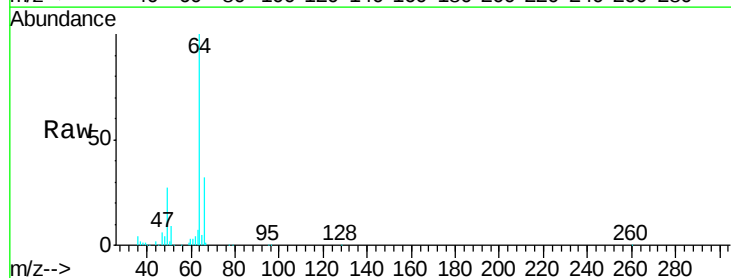
Acq: 07 Nov 2019 20:37

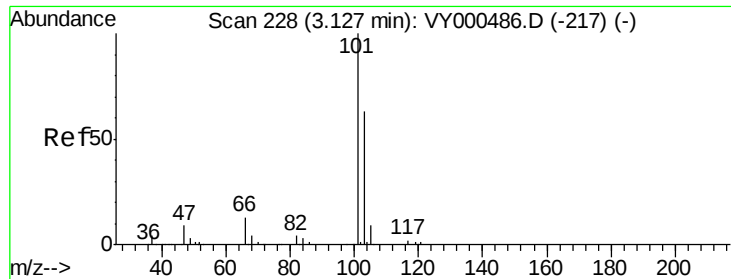
Tgt Ion: 64 Resp: 109736

Ion Ratio Lower Upper

64 100

66 31.8 26.6 40.0





#7

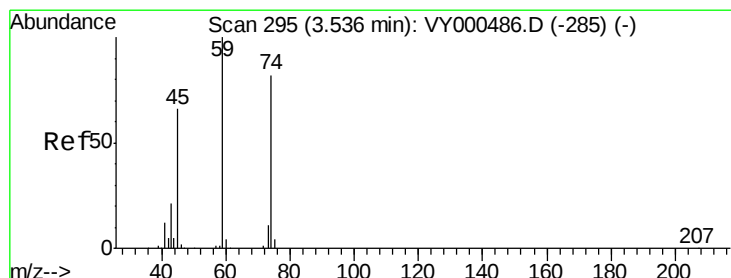
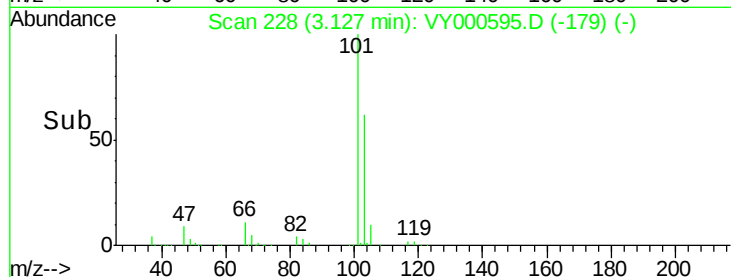
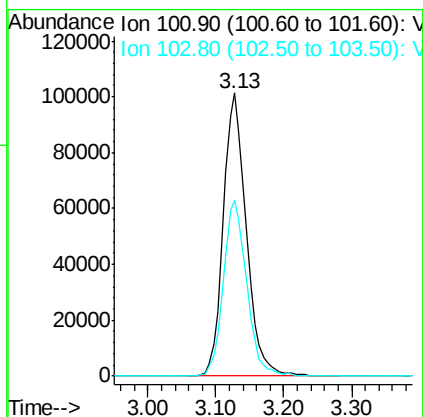
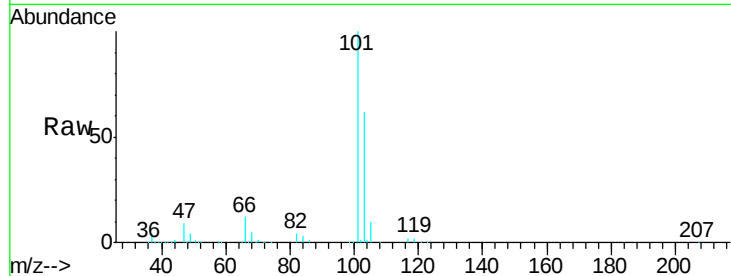
Trichlorofluoromethane
Concen: 55.175 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.5	75.7

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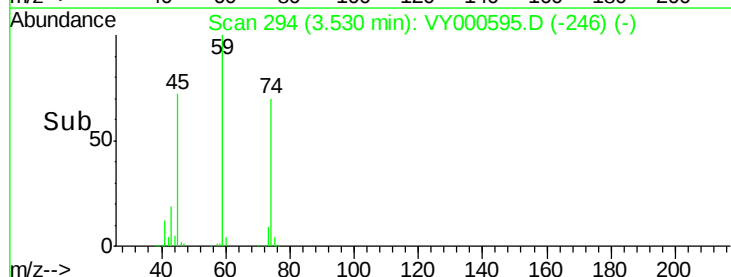
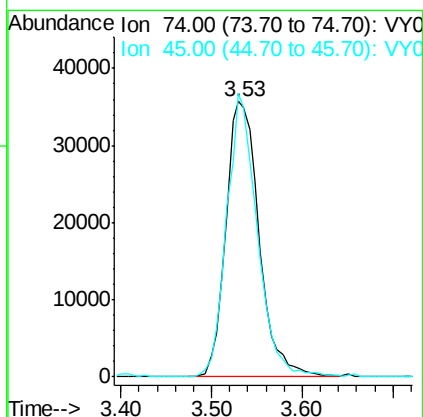
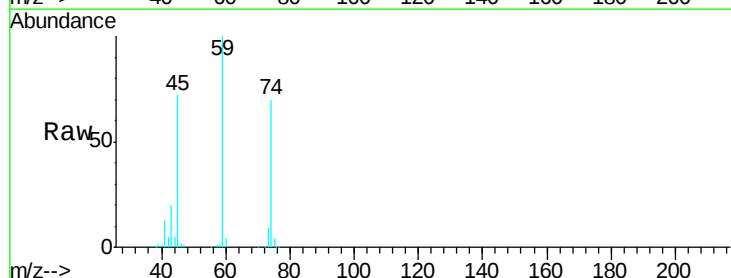
MMDadoda
11/8/2019 4:07:11 PM

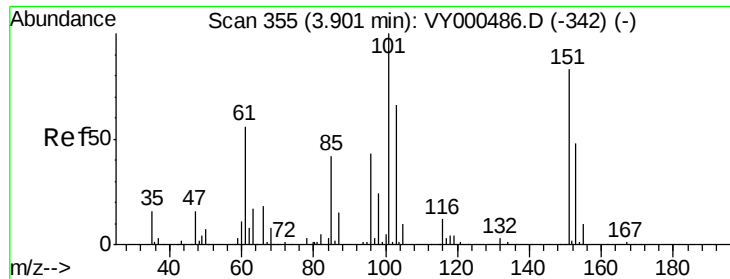


#8

Diethyl Ether
Concen: 59.081 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.123 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

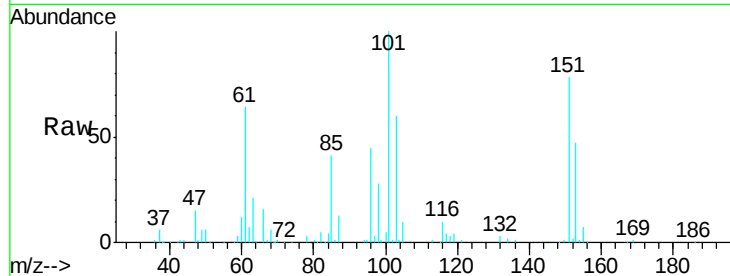
ClientSampleId :

VSTDCCC050EC

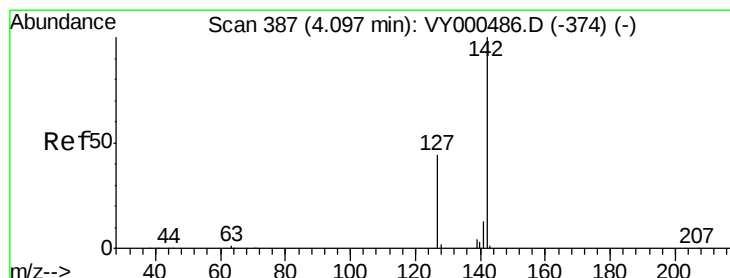
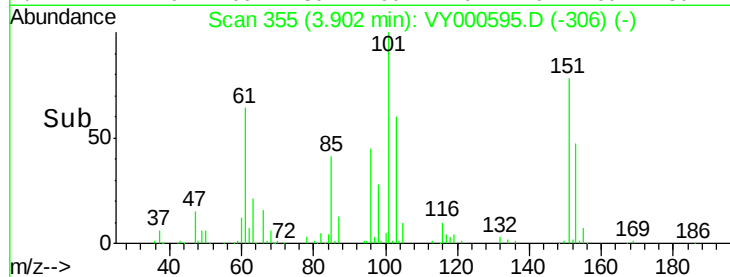
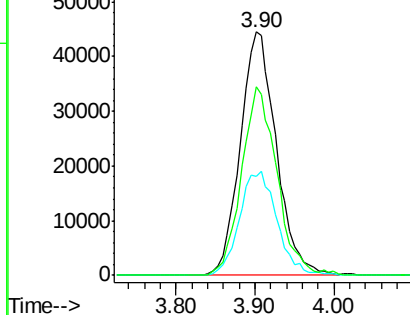
Tgt Ion:	101	Resp:	141118
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.7	55.1
151	75.7	64.3	96.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.300 ug/l

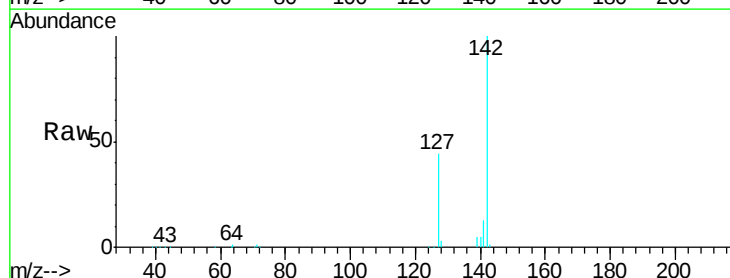
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

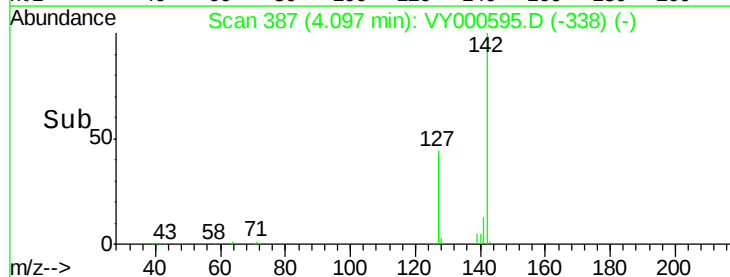
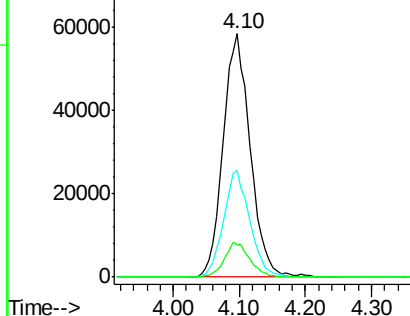
Lab File: VY000595.D

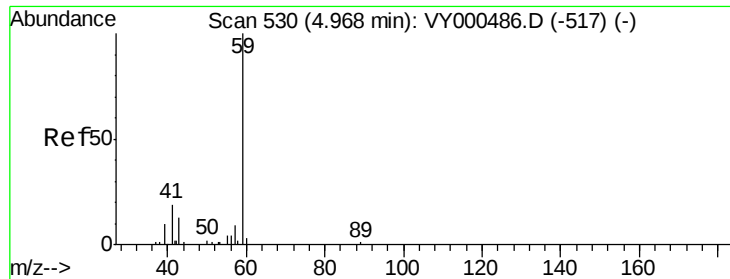
Acq: 07 Nov 2019 20:37

Tgt Ion:	142	Resp:	165365
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.7	50.5
141	13.5	10.9	16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





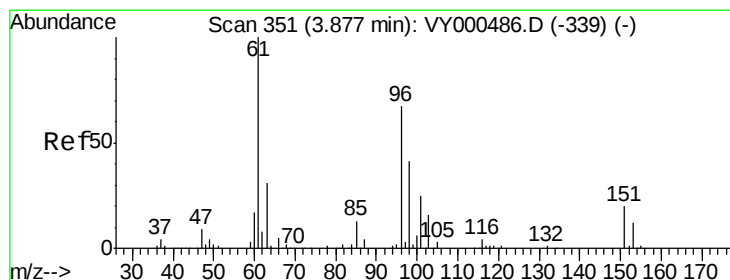
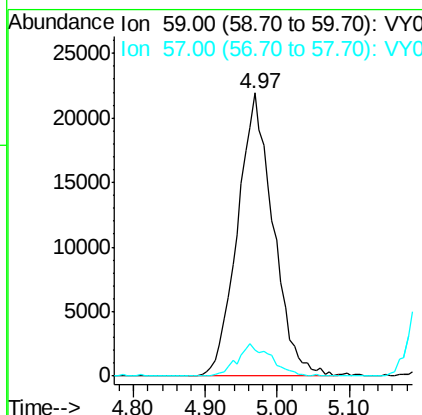
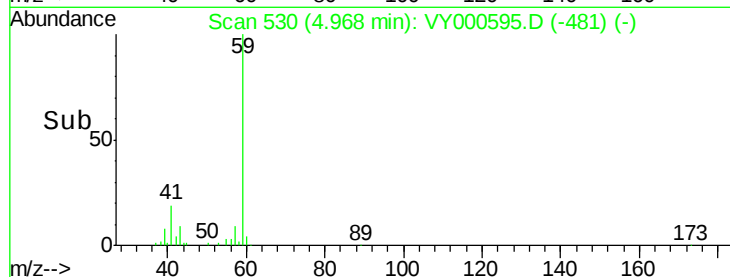
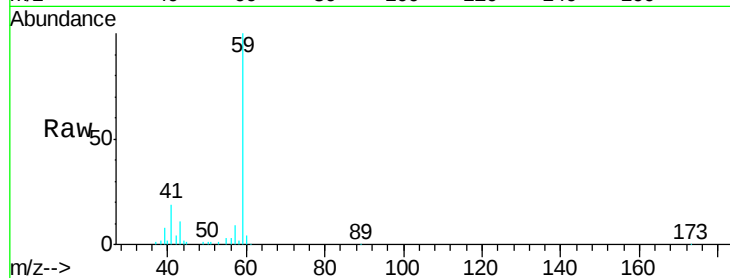
#11
Tert butyl alcohol
Concen: 295.910 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 75596
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

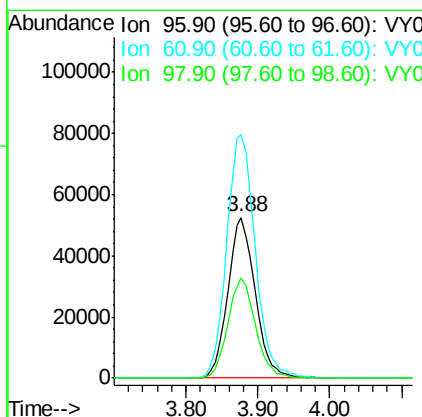
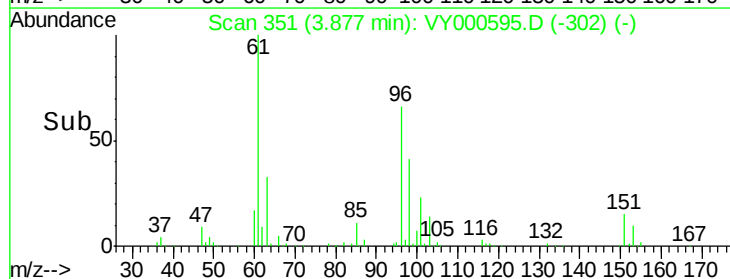
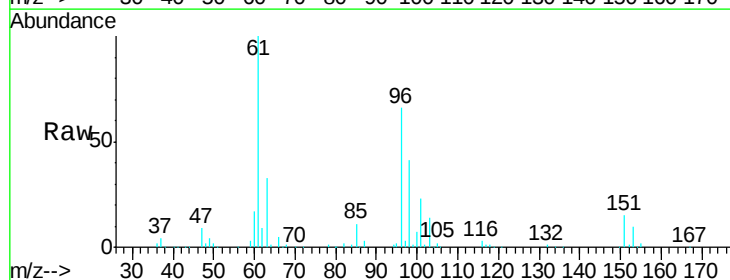
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#12
1,1-Dichloroethene
Concen: 54.915 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 96 Resp: 139108
Ion Ratio Lower Upper
96 100
61 151.4 119.2 178.8
98 62.1 48.6 73.0





#13

Acrolein

Concen: 311.345 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 69283

Ion Ratio Lower Upper

56 100

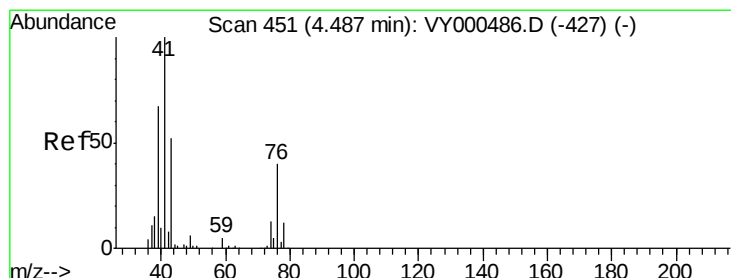
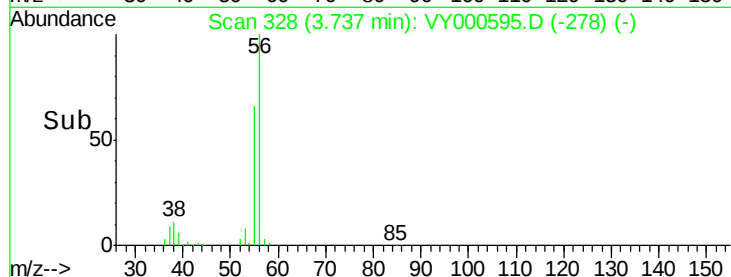
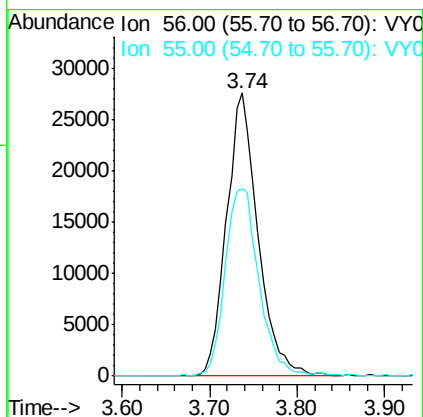
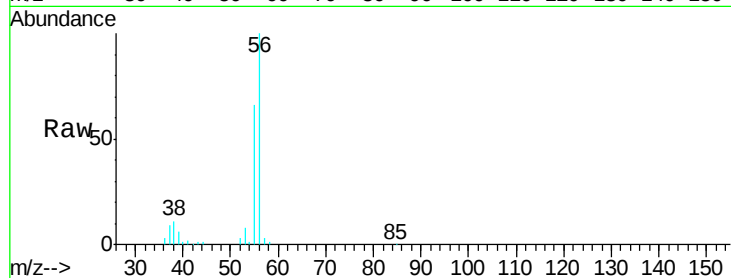
55 71.2 57.0 85.6

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#14

Allyl chloride

Concen: 58.646 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

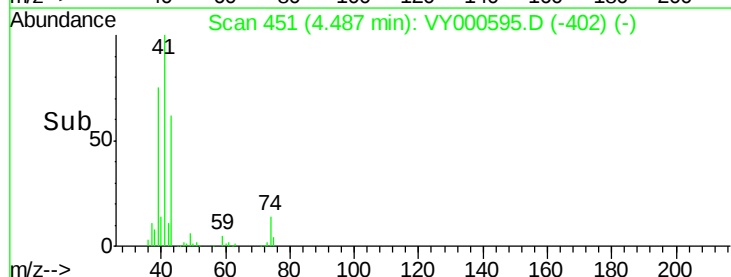
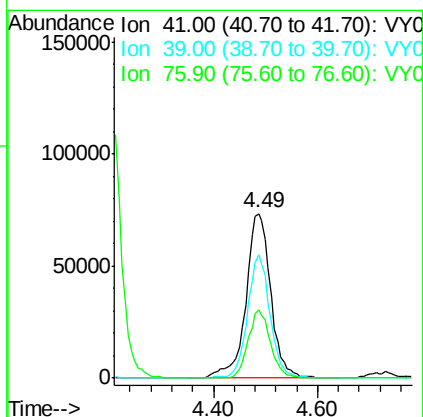
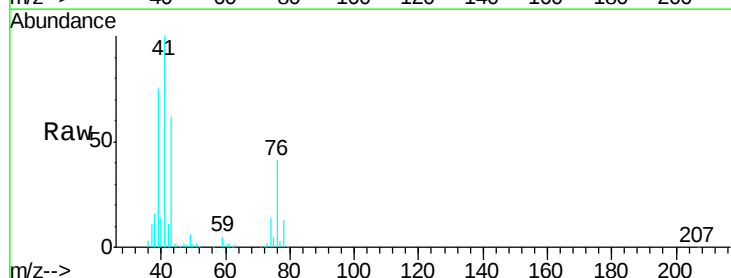
Tgt Ion: 41 Resp: 241568

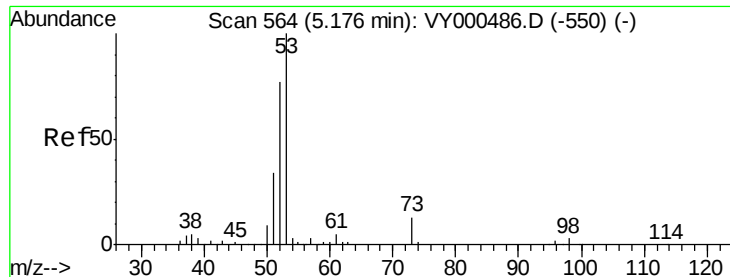
Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 309.046 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

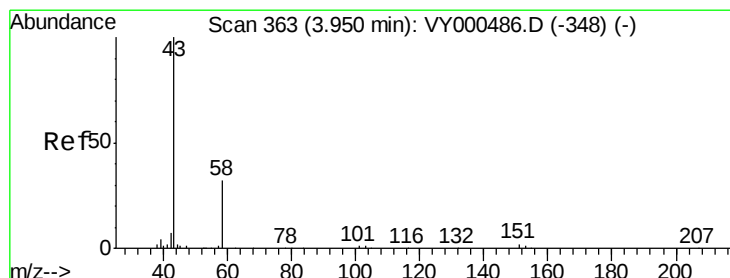
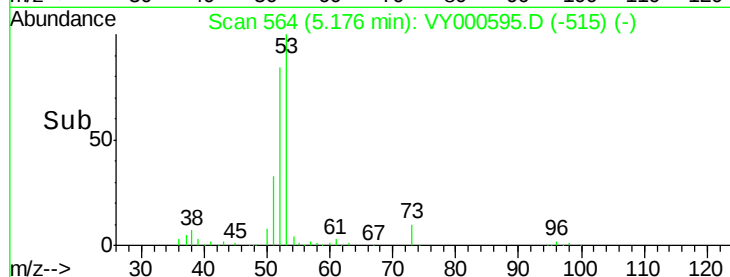
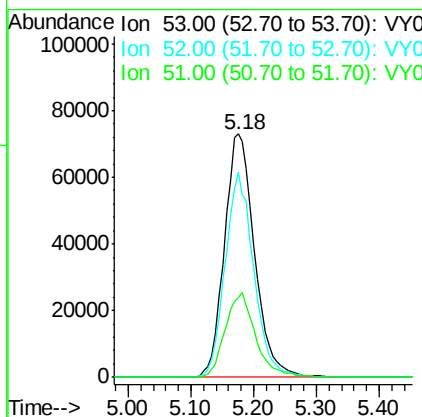
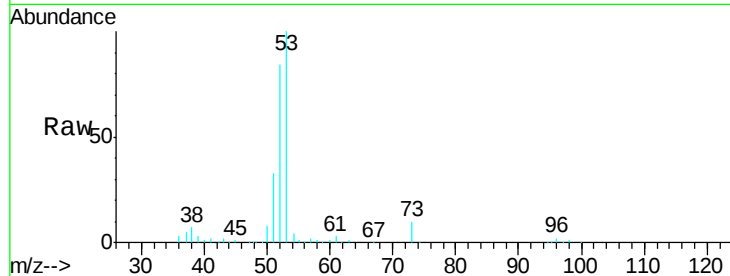
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	242604
Ion	Ratio	Lower	Upper
53	100		
52	79.8	64.9	97.3
51	35.1	27.6	41.4

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#16

Acetone

Concen: 265.019 ug/l

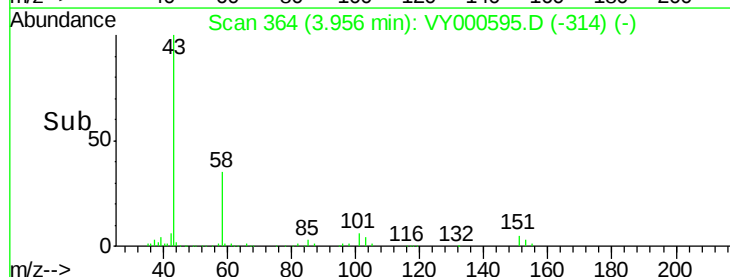
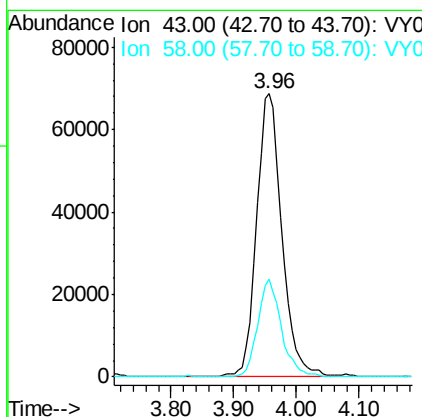
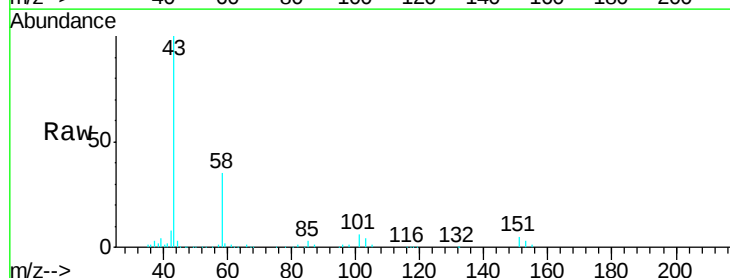
RT: 3.96 min Scan# 364

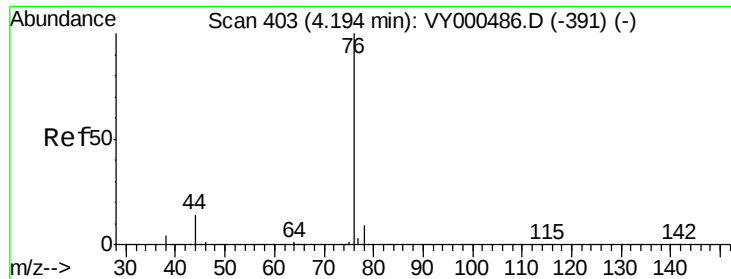
Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	43	Resp:	191693
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.8	38.6





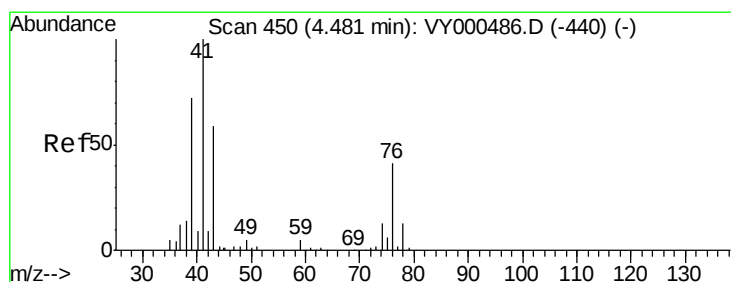
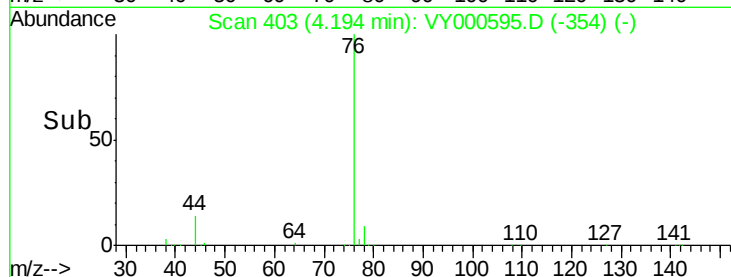
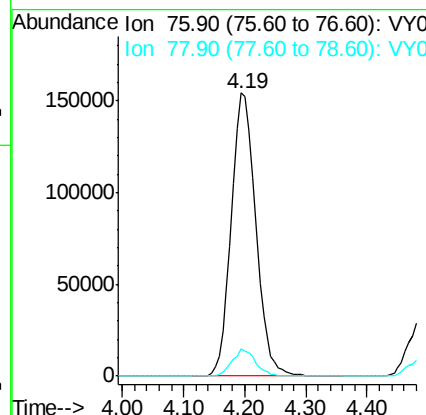
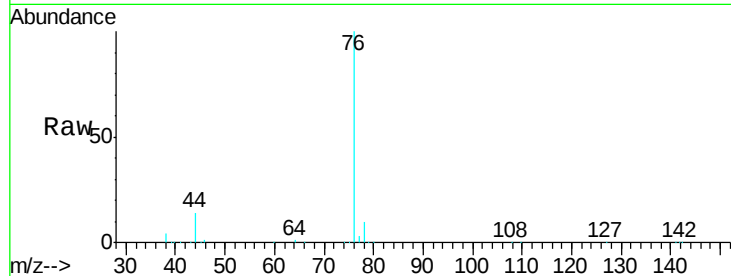
#17
Carbon Disulfide
Concen: 53.284 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 425721
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

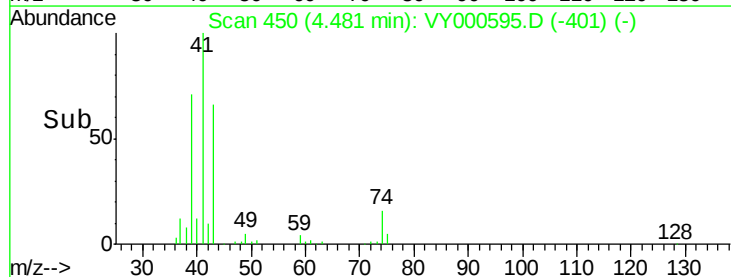
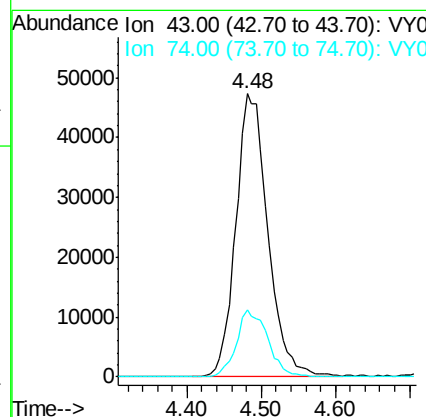
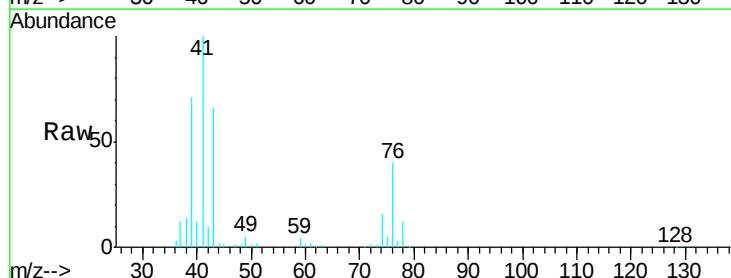
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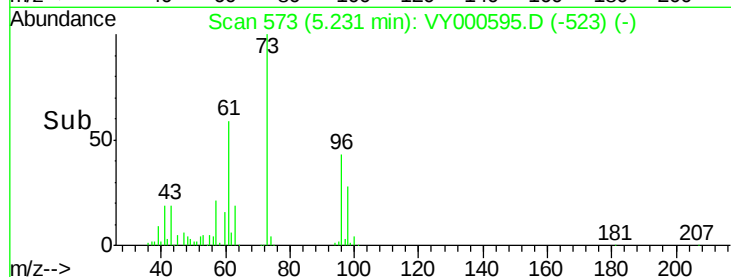
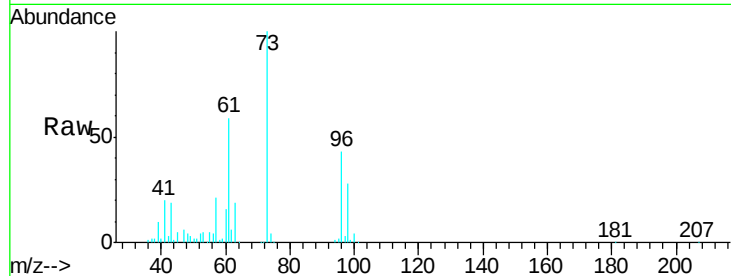
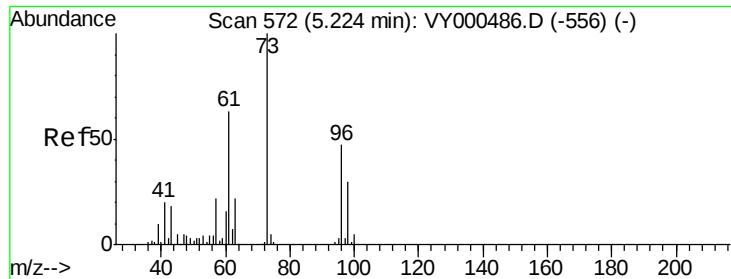
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#18
Methyl Acetate
Concen: 63.479 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 43 Resp: 142766
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8





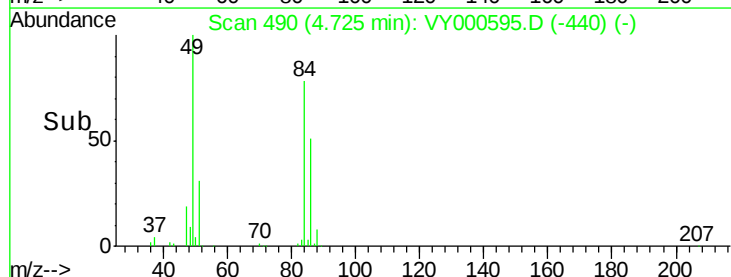
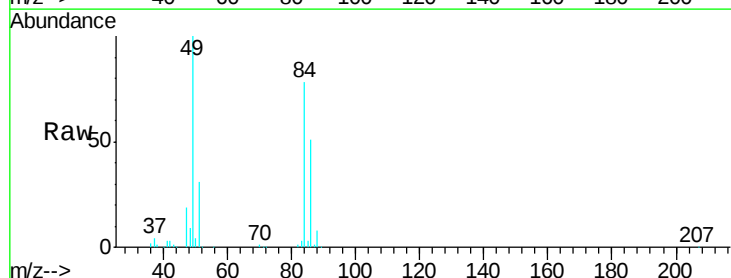
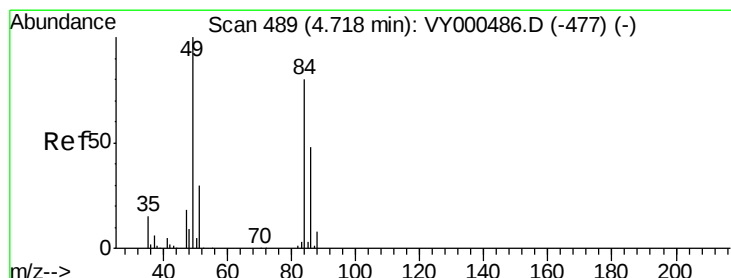
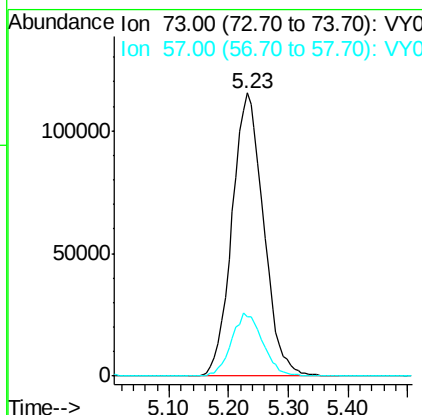
#19
Methyl tert-butyl Ether
Concen: 60.210 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 73 Resp: 424068
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

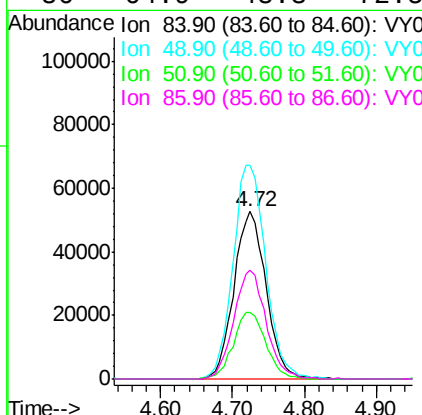
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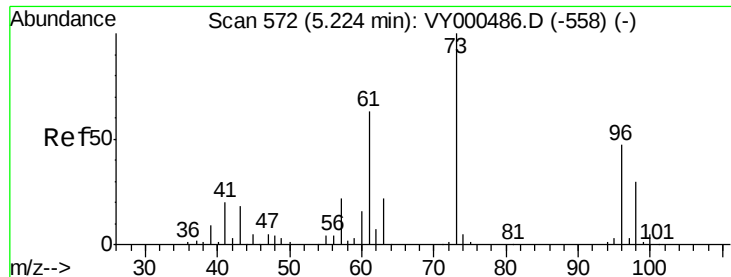
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#20
Methylene Chloride
Concen: 52.995 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 84 Resp: 164250
Ion Ratio Lower Upper
84 100
49 127.7 100.2 150.4
51 40.1 29.6 44.4
86 64.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 55.368 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

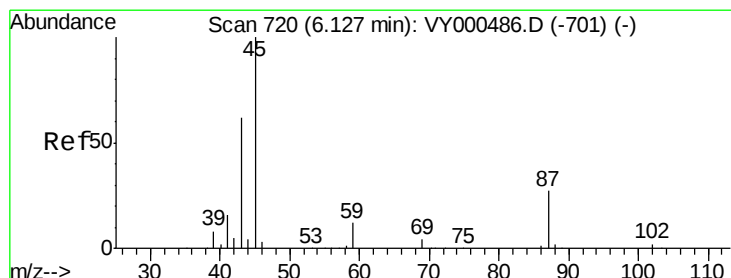
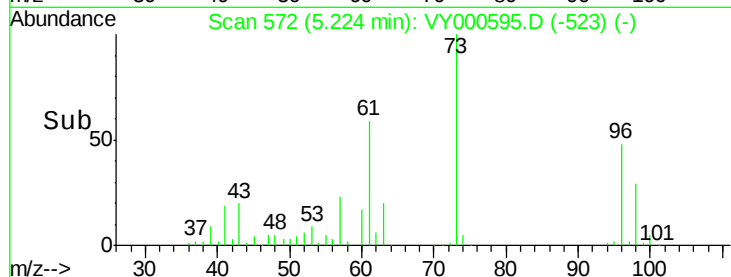
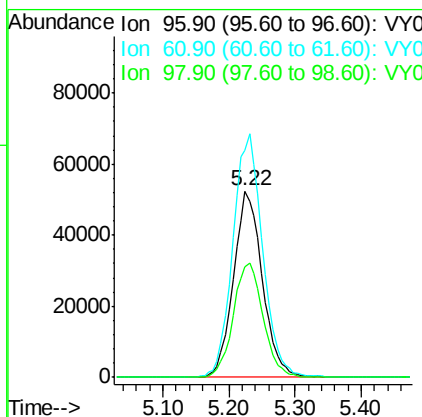
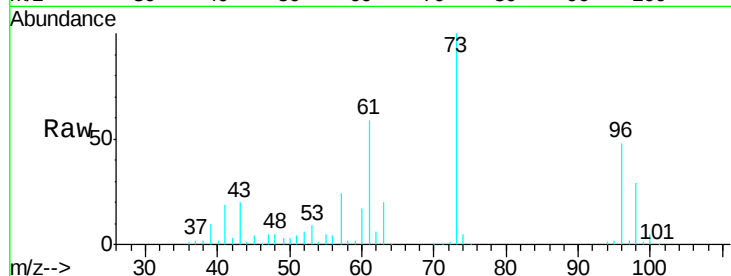
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	158564
Ion	Ratio	Lower	Upper
96	100		
61	122.1	106.6	160.0
98	59.1	50.6	76.0

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#22

Diisopropyl ether

Concen: 60.965 ug/l

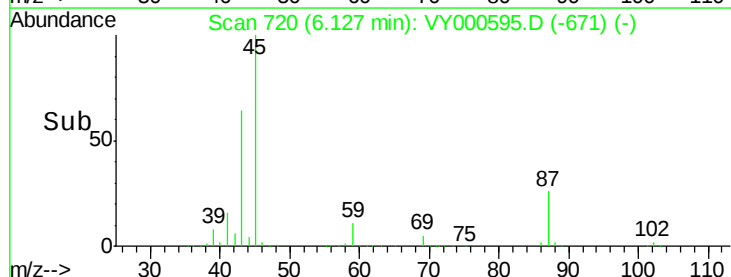
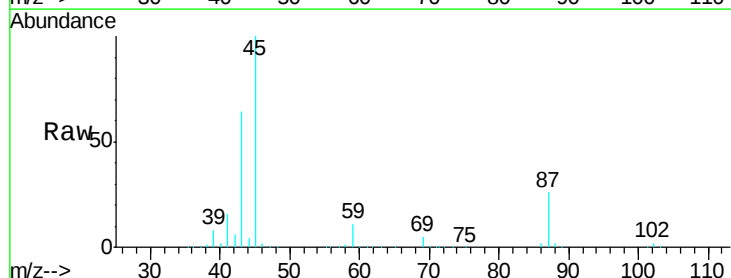
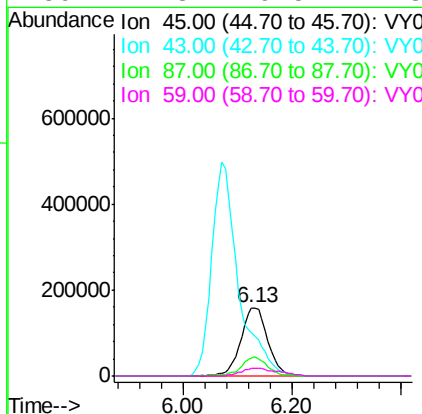
RT: 6.13 min Scan# 720

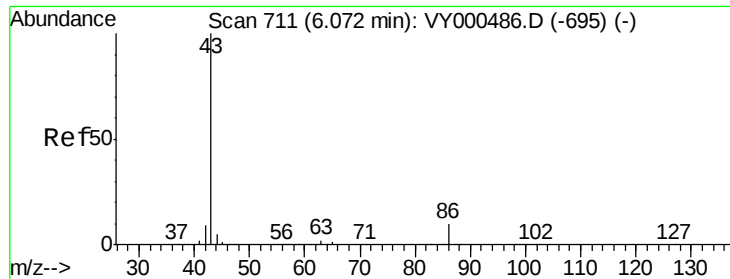
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	45	Resp:	545822
Ion	Ratio	Lower	Upper
45	100		
43	63.8	50.0	75.0
87	25.8	21.6	32.4
59	11.3	9.5	14.3





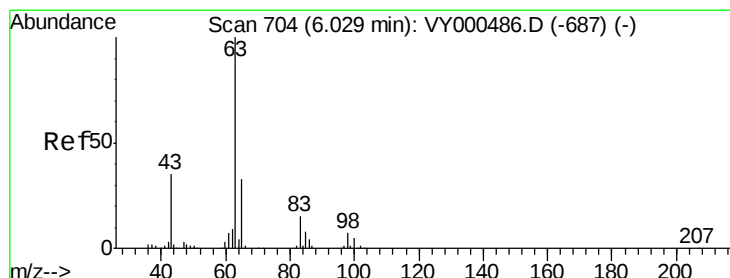
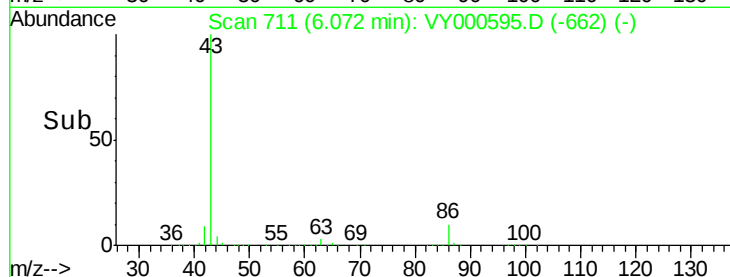
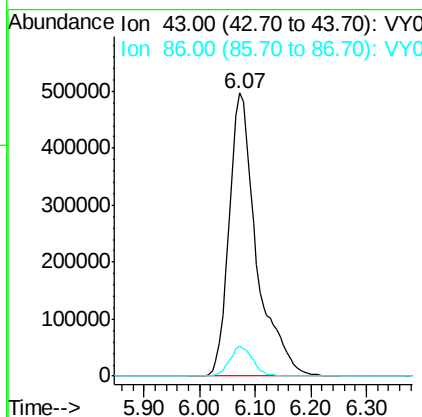
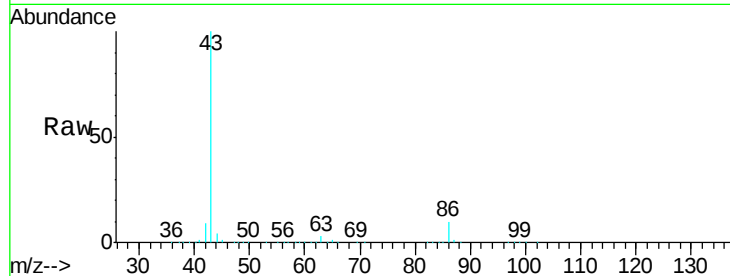
#23
 Vinyl Acetate
 Concen: 300.077 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1695915
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.6

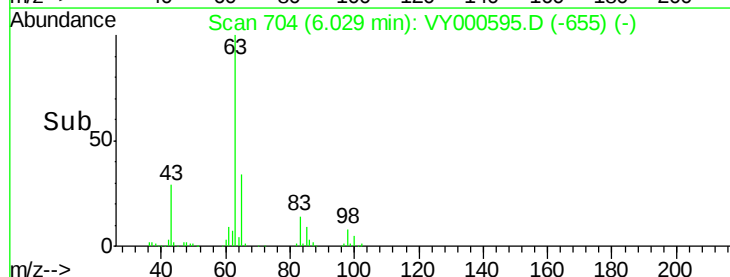
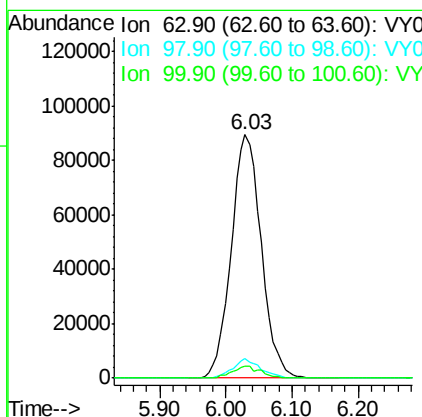
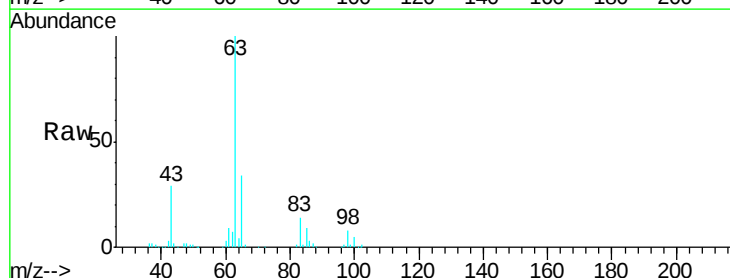
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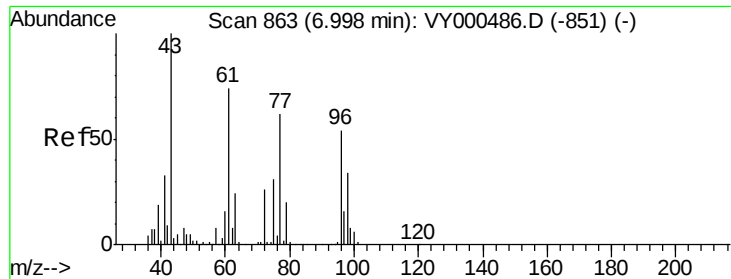
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#24
 1,1-Dichloroethane
 Concen: 57.960 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 63 Resp: 281117
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 290.892 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 335796

Ion Ratio Lower Upper

43 100

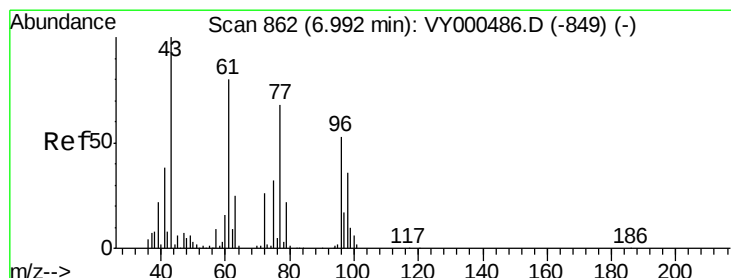
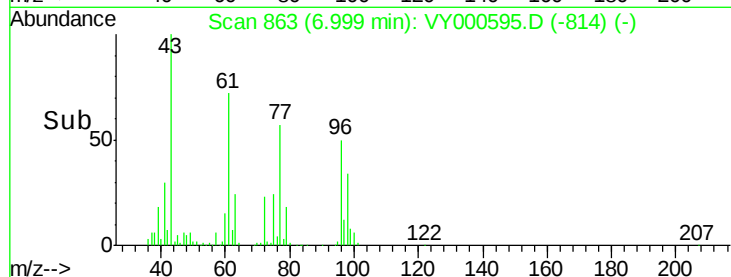
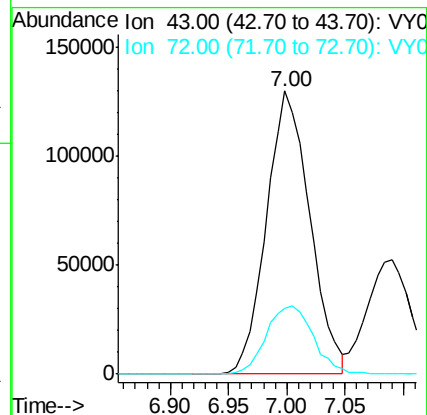
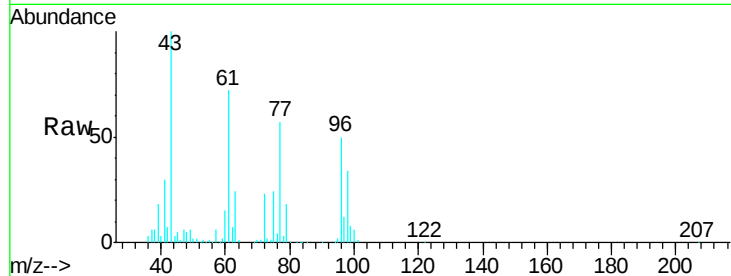
72 23.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.780 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000595.D

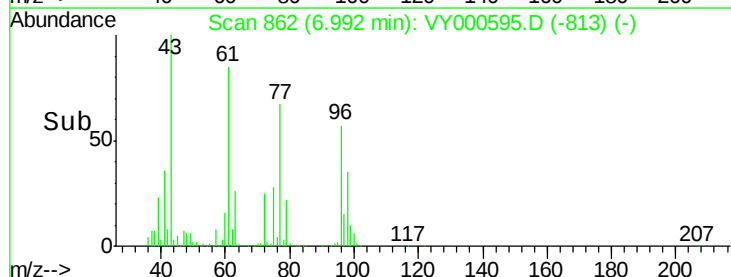
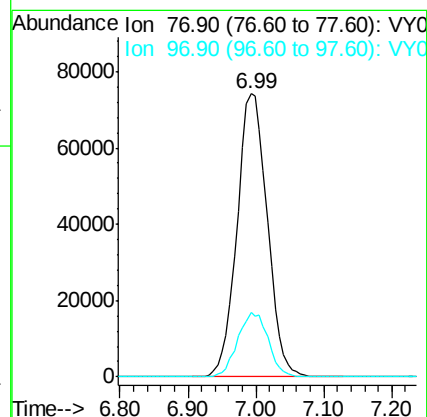
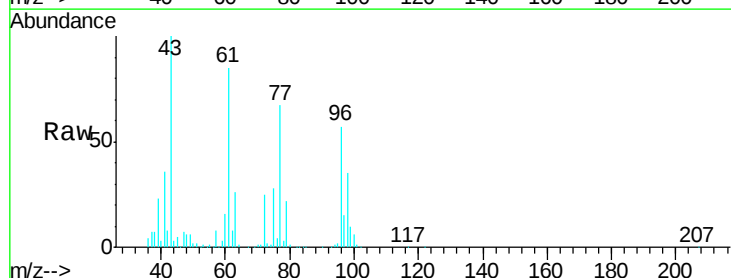
Acq: 07 Nov 2019 20:37

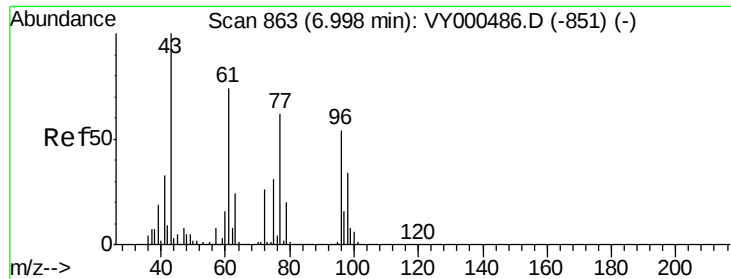
Tgt Ion: 77 Resp: 229510

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.4





#27

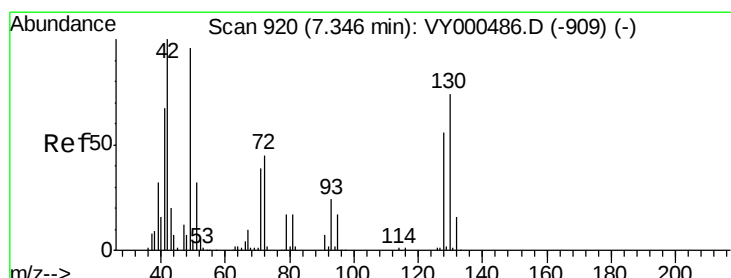
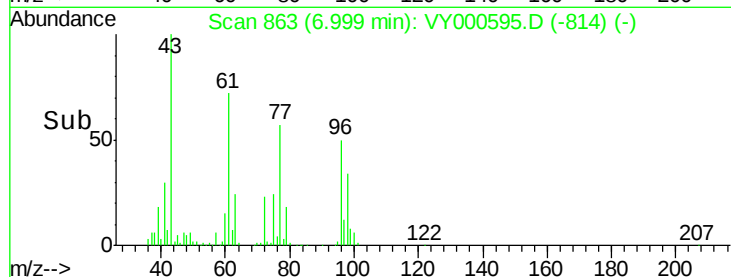
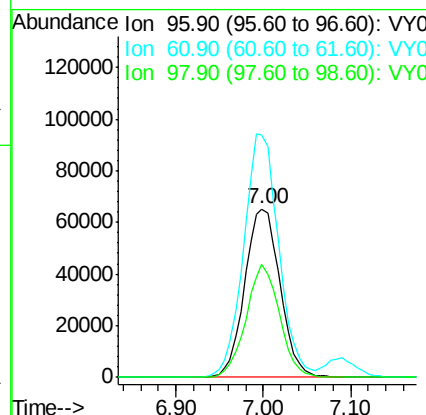
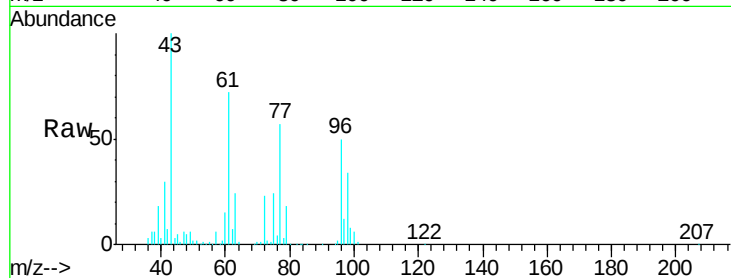
cis-1,2-Dichloroethene
Concen: 58.396 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	182866		
61	143.5	0.0	287.0	
98	63.3	0.0	129.4	

Manual Integrations
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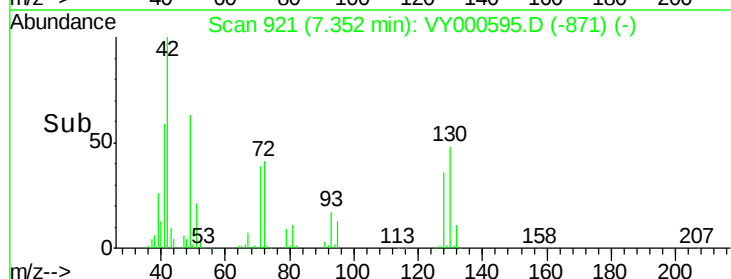
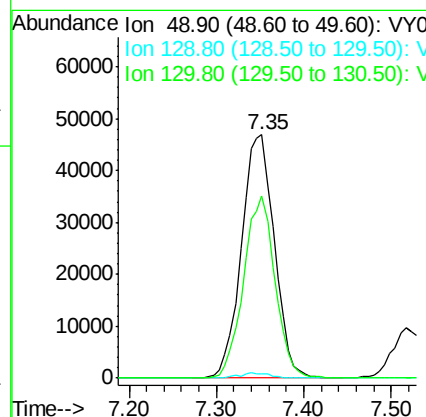
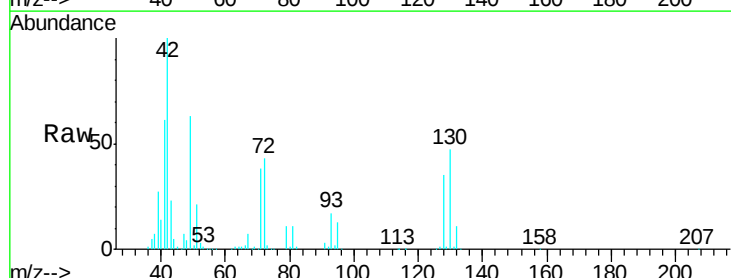
MMDadoda
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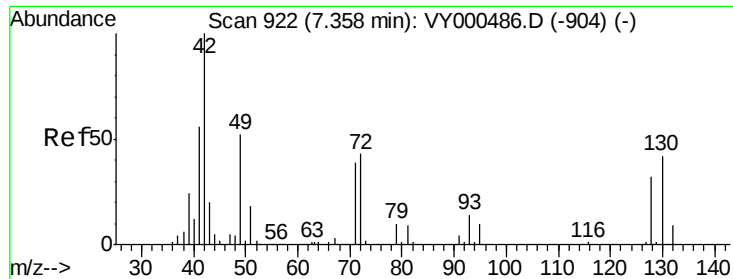


#28

Bromochloromethane
Concen: 54.987 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122615		
129	1.9	0.0	3.6	
130	71.5	59.4	89.0	





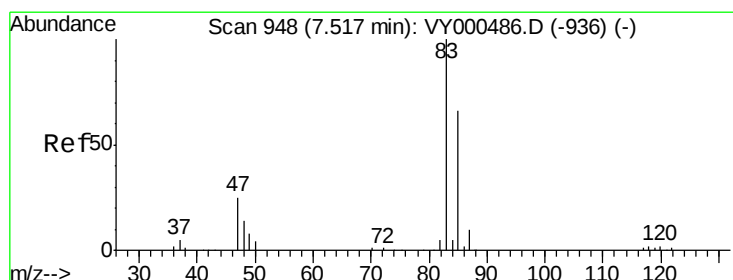
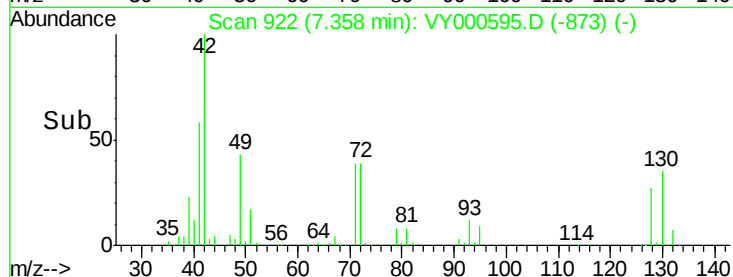
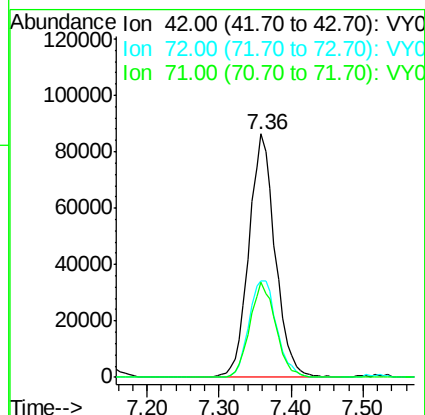
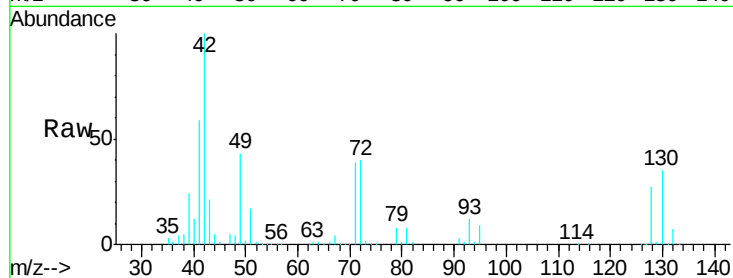
#29
Tetrahydrofuran
Concen: 310.129 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.0	51.0
71	38.5	30.8	46.2

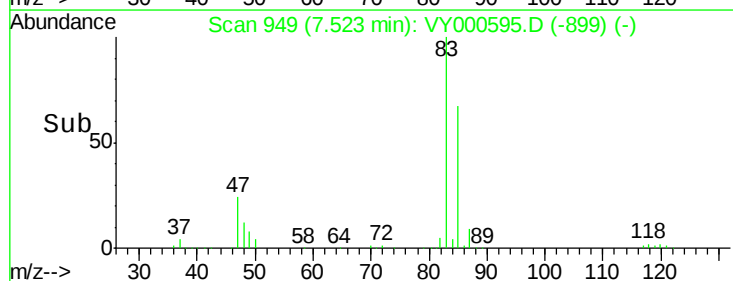
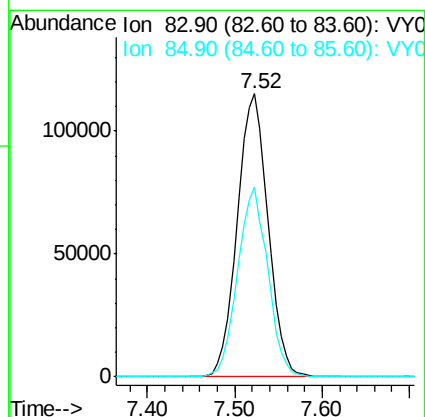
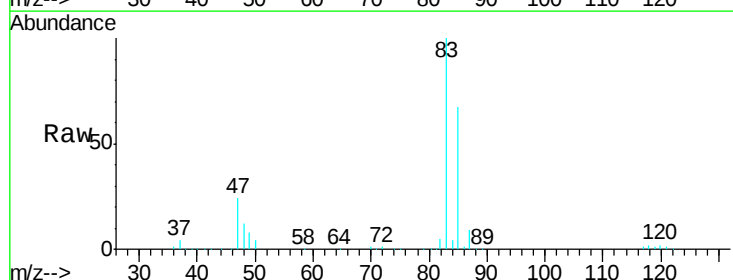
Manual Integrations
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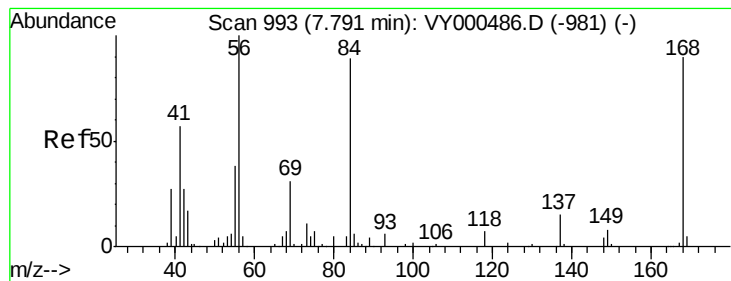
MMDadoda
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#30
Chloroform
Concen: 57.566 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.0	79.4





#31

Cyclohexane

Concen: 52.264 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 265504

Ion Ratio Lower Upper

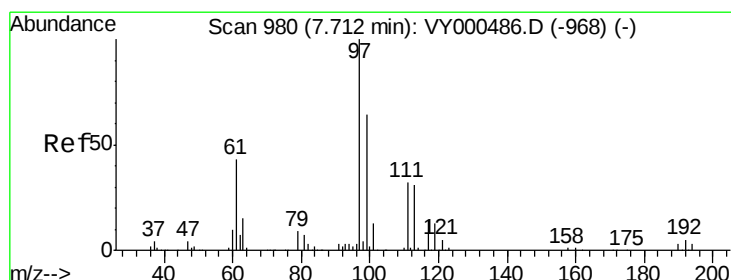
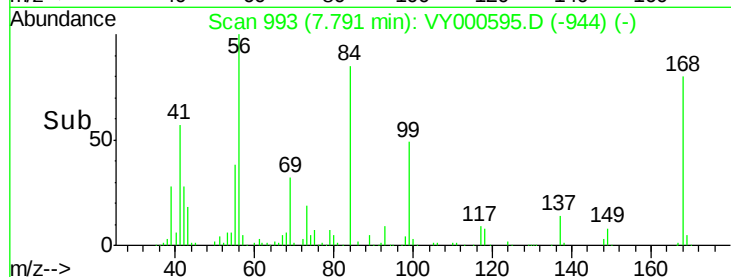
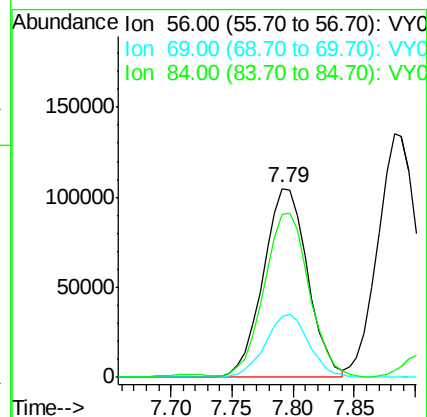
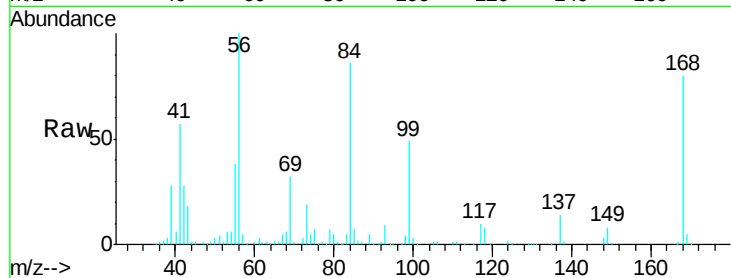
56 100

69 31.9 25.0 37.6

84 84.7 71.4 107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 56.333 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

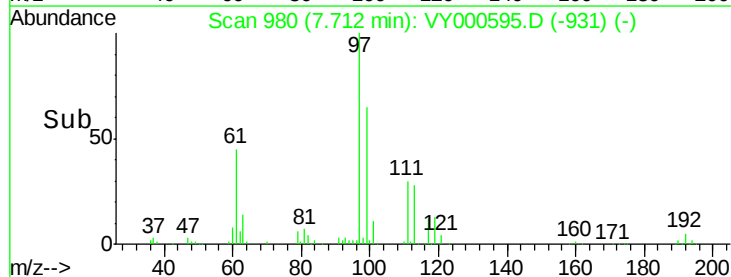
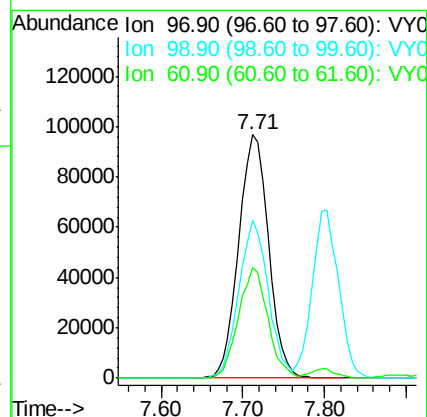
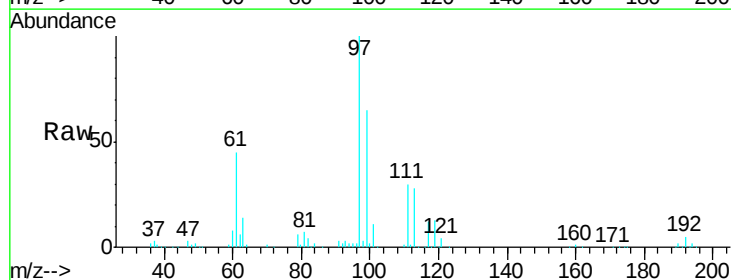
Tgt Ion: 97 Resp: 246336

Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.2 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 58.652 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 153928

Ion Ratio Lower Upper

65 100

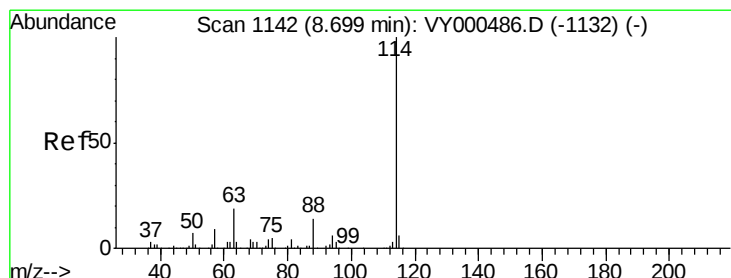
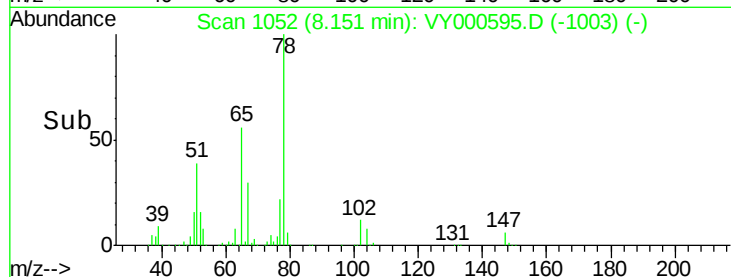
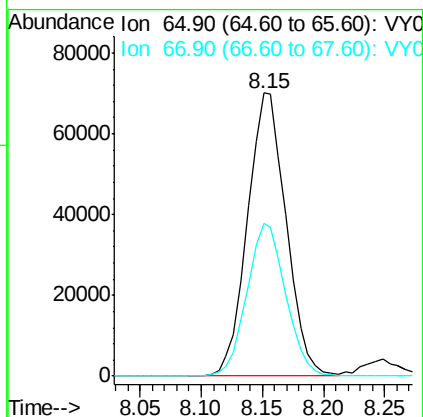
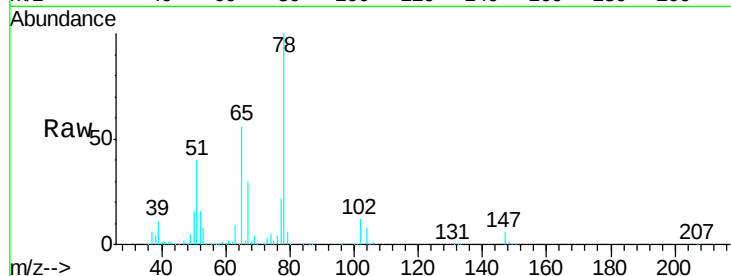
67 54.1 0.0 107.2

Manual Integrations

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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: VY000595.D

Acq: 07 Nov 2019 20:37

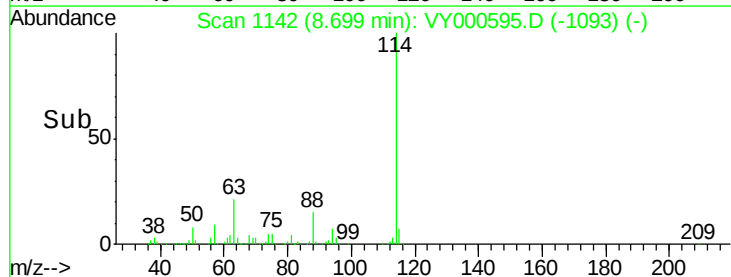
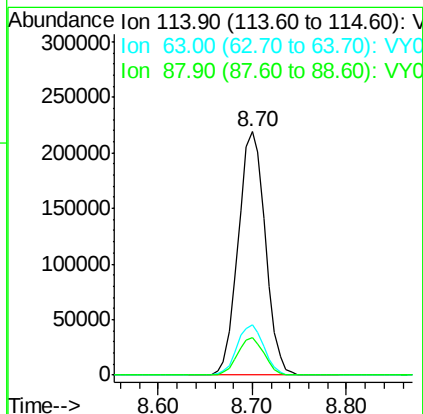
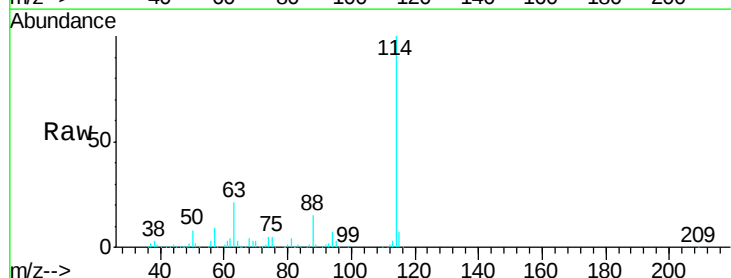
Tgt Ion: 114 Resp: 438740

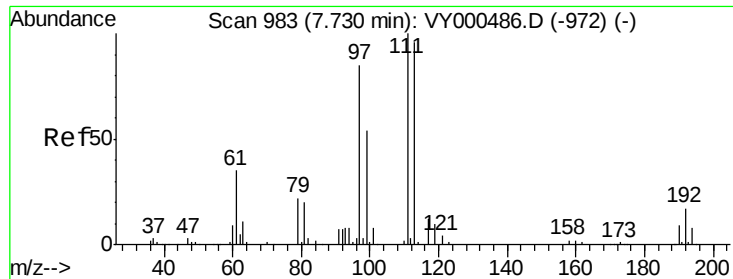
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

88 15.5 0.0 28.6





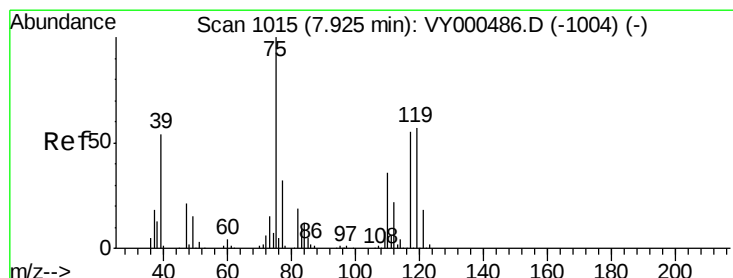
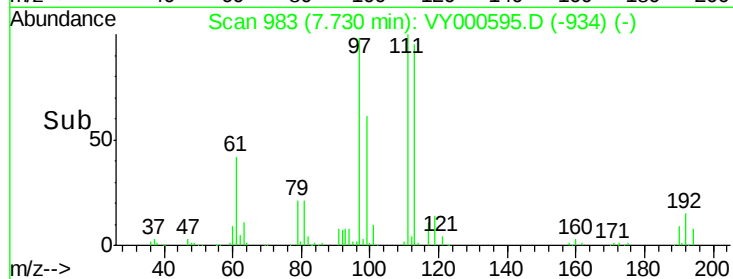
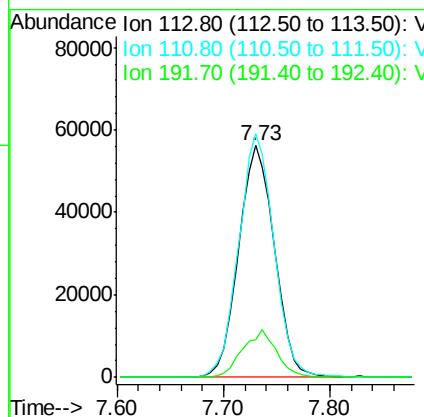
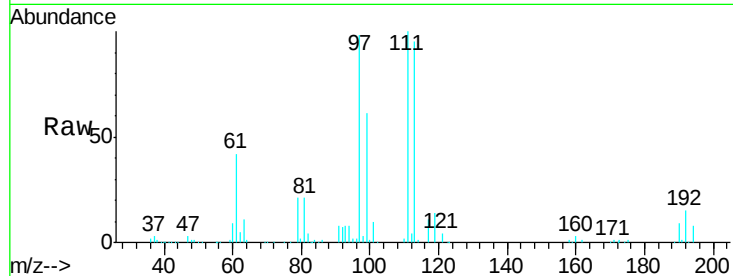
#35
 Dibromofluoromethane
 Concen: 51.648 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	133028		
111	103.7	81.7	122.5	
192	19.5	15.0	22.4	

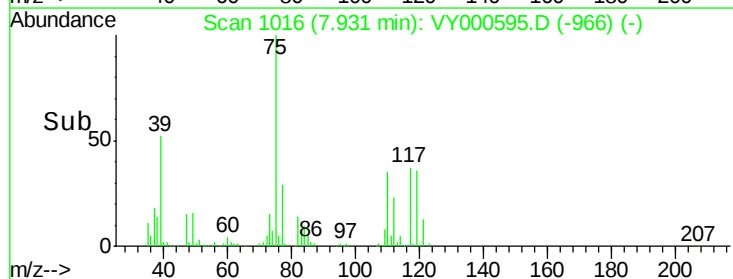
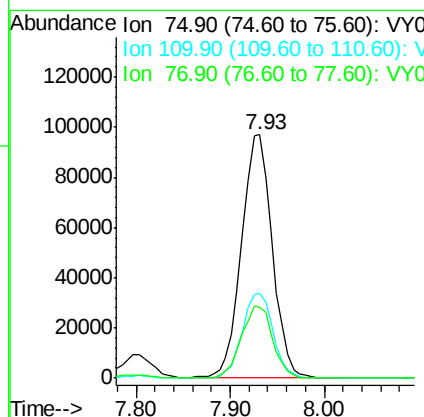
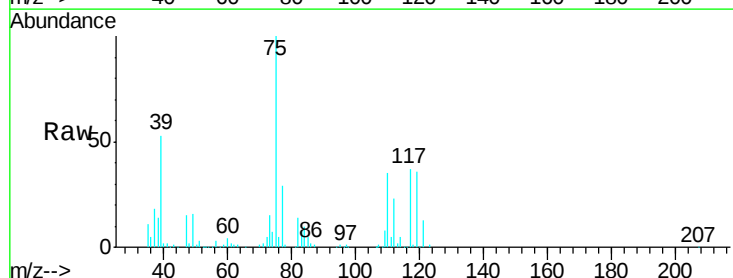
Manual Integrations
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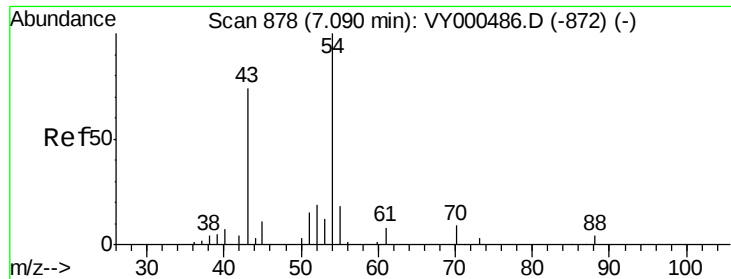
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#36
 1,1-Dichloropropene
 Concen: 53.567 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	222178		
110	35.1	18.1	54.1	
77	30.4	25.0	37.6	





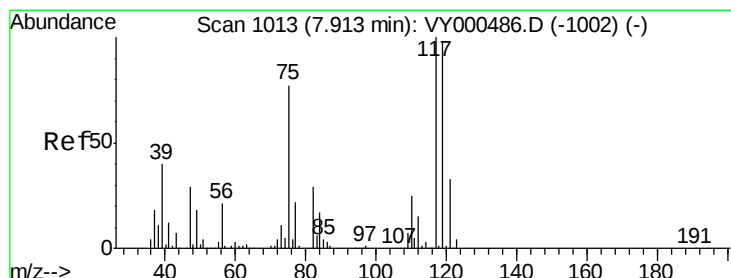
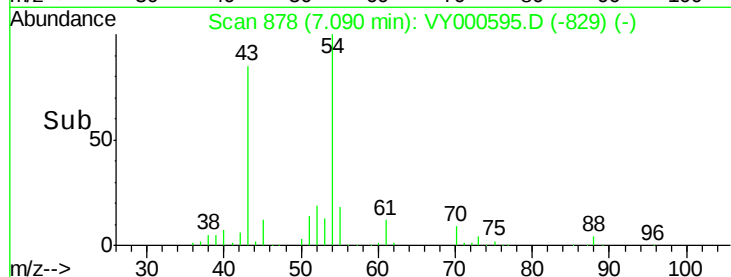
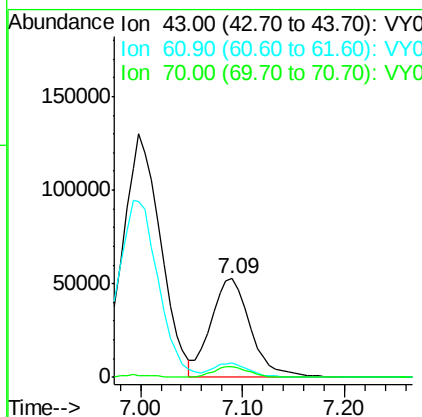
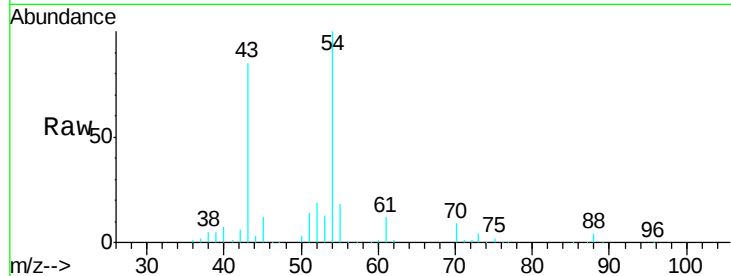
#37
Ethyl Acetate
Concen: 57.669 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 142007
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 10.1 7.8 11.8

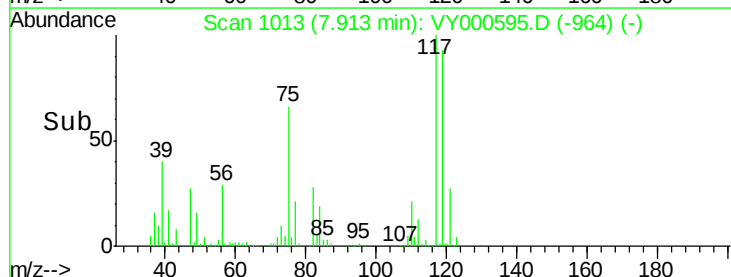
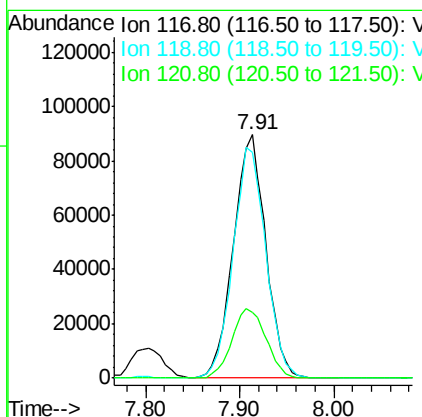
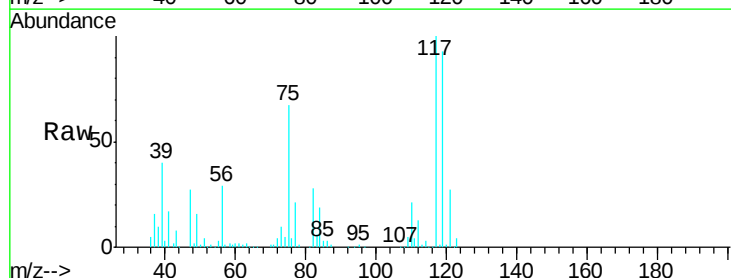
Manual Integrations
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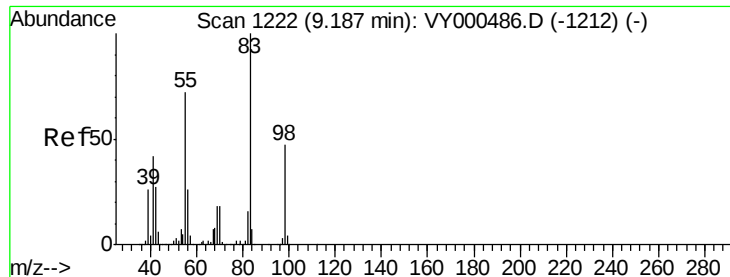
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#38
Carbon Tetrachloride
Concen: 53.672 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 117 Resp: 214204
Ion Ratio Lower Upper
117 100
119 92.8 78.0 117.0
121 27.0 26.6 40.0





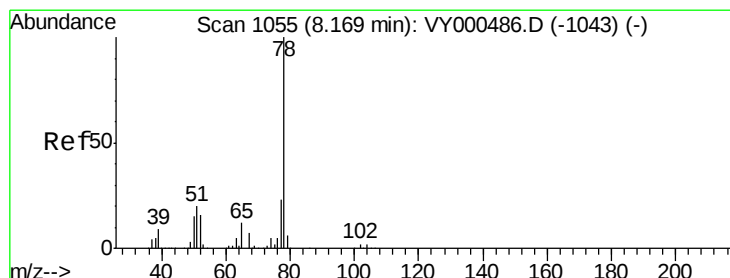
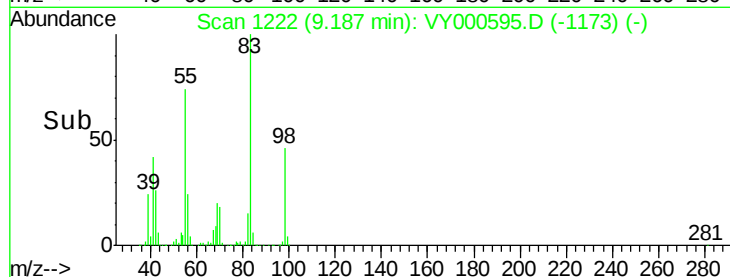
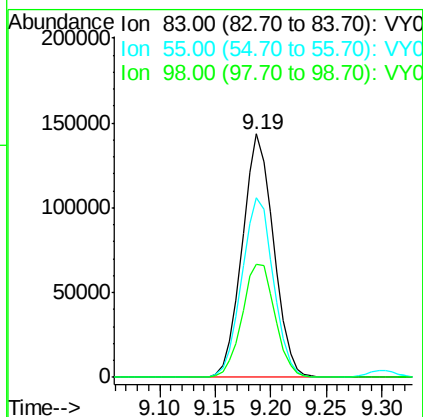
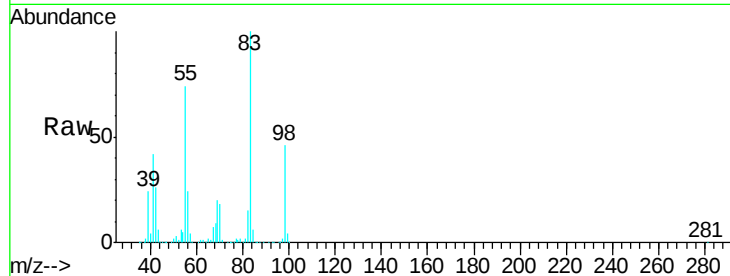
#39
Methylcyclohexane
Concen: 52.464 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.9	57.5	86.3
98	46.5	38.0	57.0

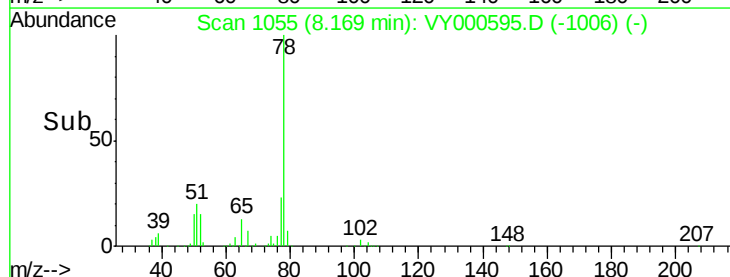
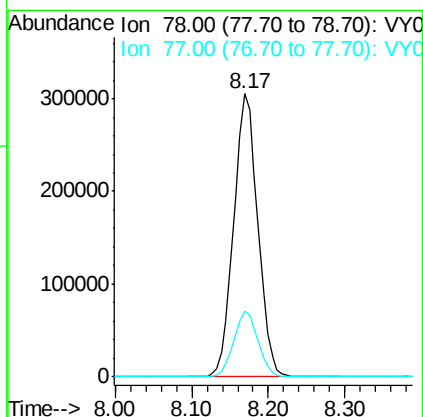
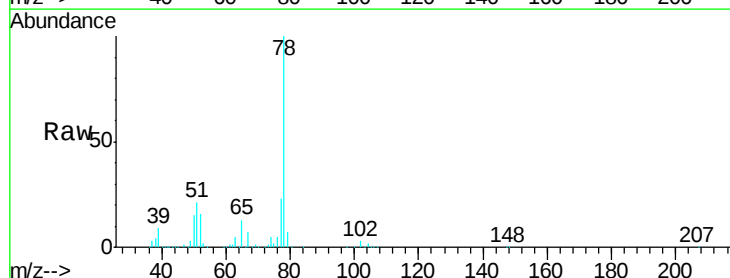
Manual Integrations
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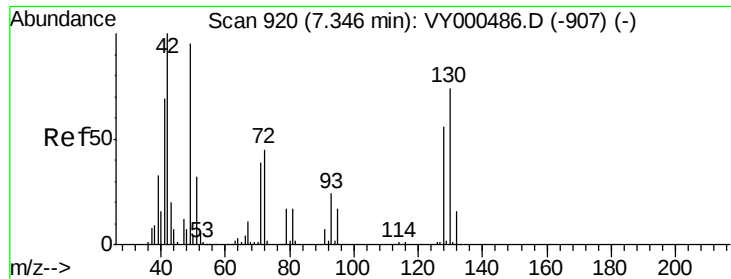
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#40
Benzene
Concen: 54.653 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





#41

Methacrylonitrile

Concen: 44.199 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050EC

Tgt Ion: 41 Resp: 60717
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

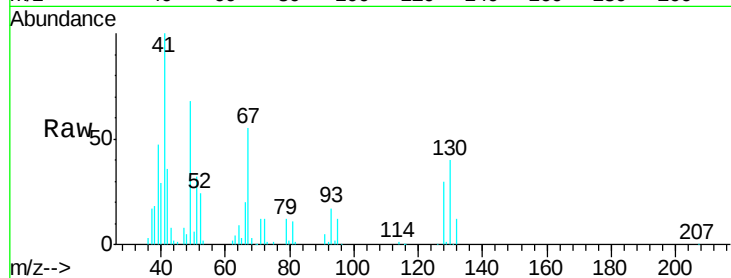
67 0.0 0.0 0.0

52 0.0 0.0 0.0

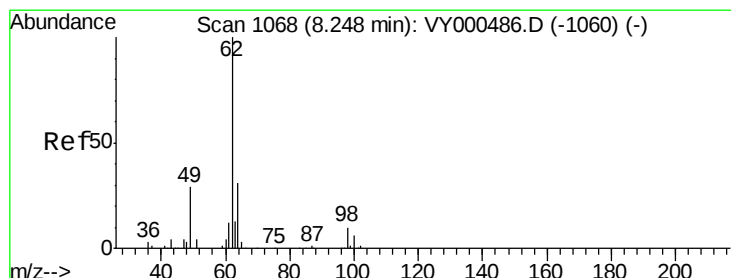
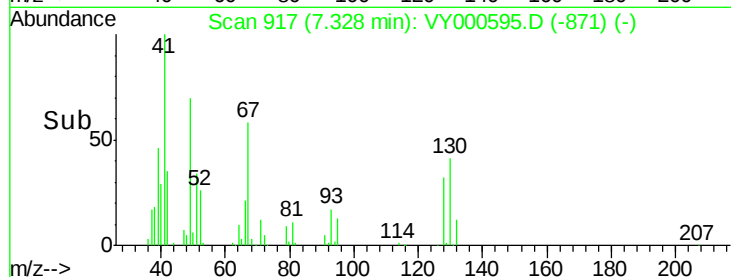
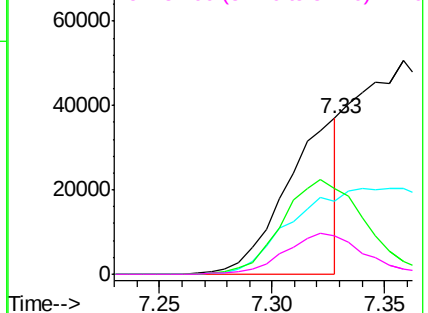
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 57.061 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

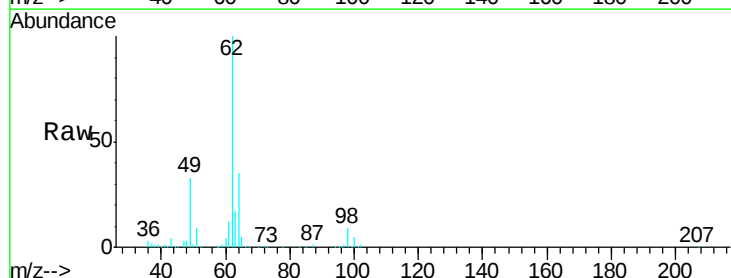
Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

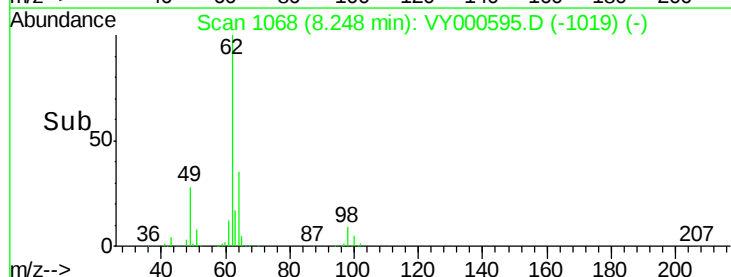
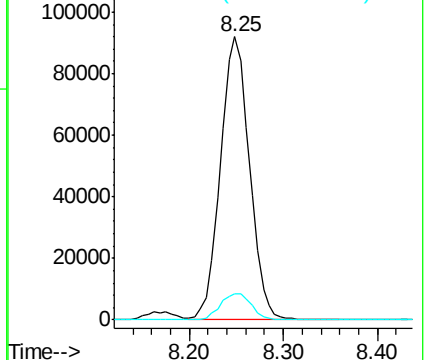
Tgt Ion: 62 Resp: 196796
Ion Ratio Lower Upper

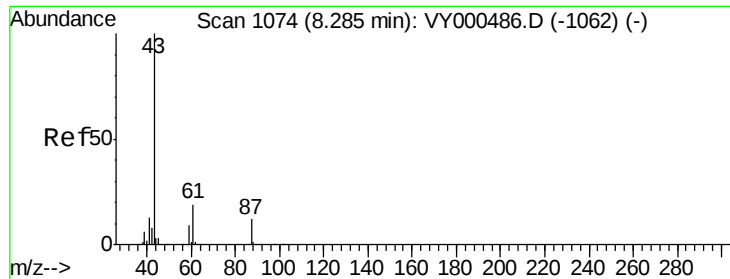
62 100

98 9.8 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 59.567 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

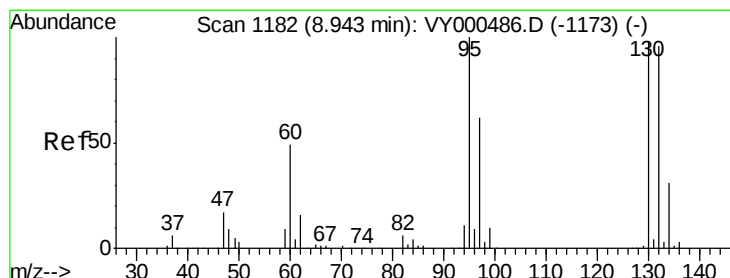
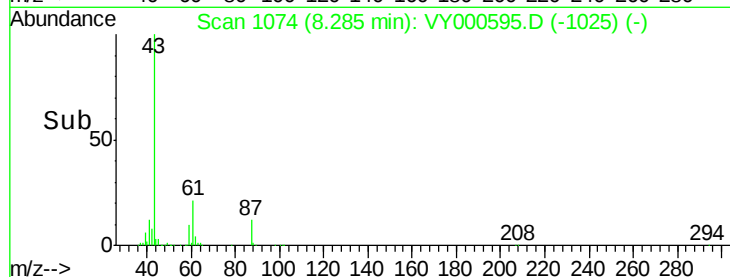
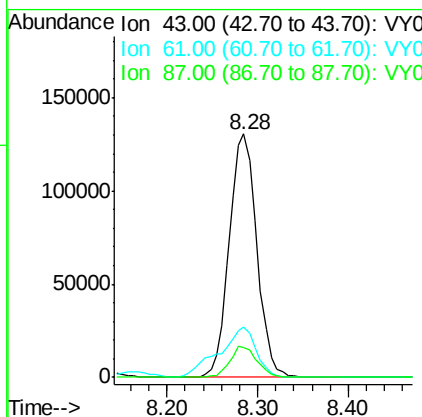
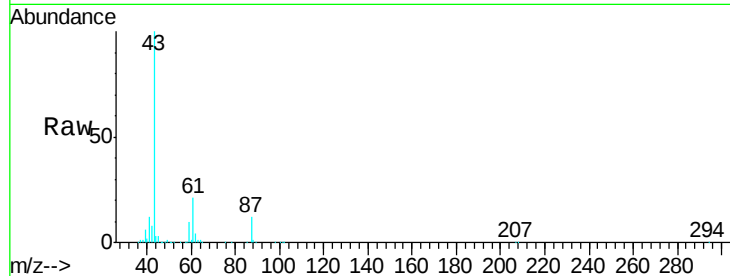
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	275542
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	12.7	10.5	15.7

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#44

Trichloroethene

Concen: 53.549 ug/l

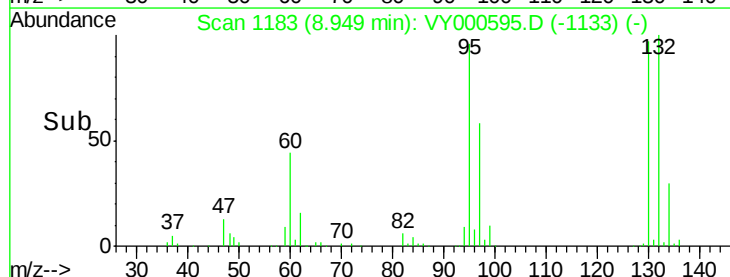
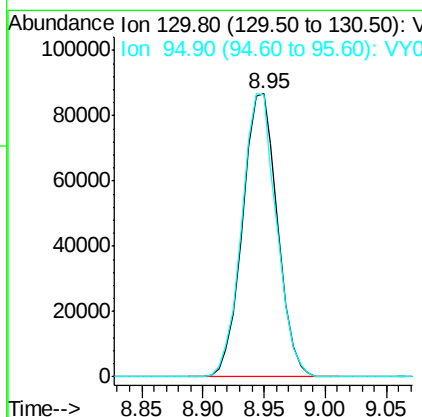
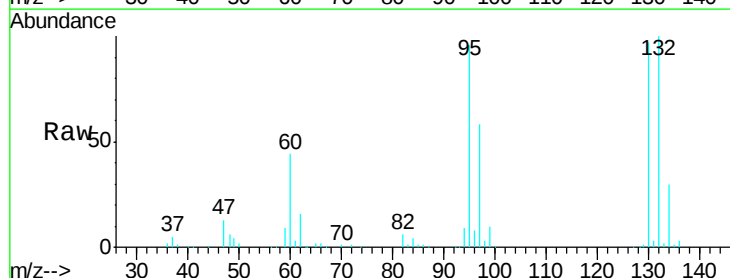
RT: 8.95 min Scan# 1183

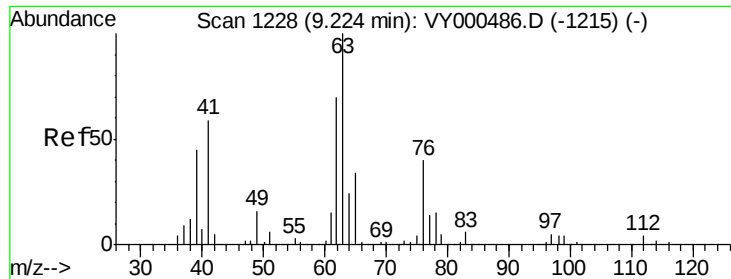
Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	130	Resp:	171685
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	203.2





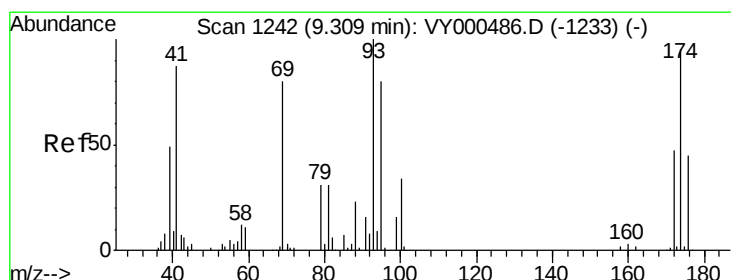
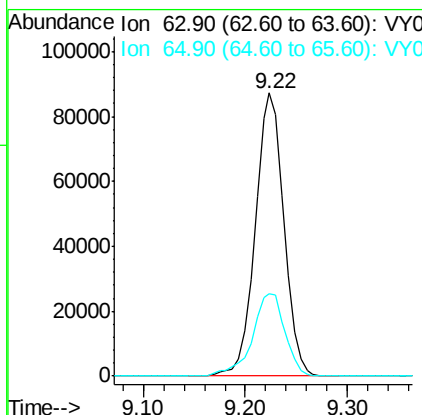
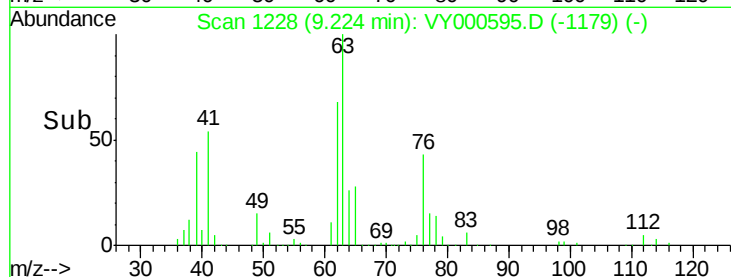
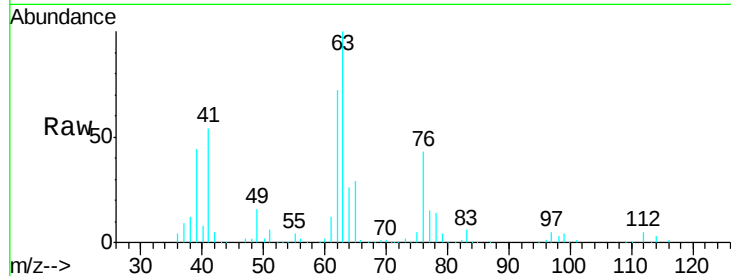
#45
 1,2-Dichloropropane
 Concen: 56.956 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 170456
 Ion Ratio Lower Upper
 63 100
 65 29.3 27.0 40.4

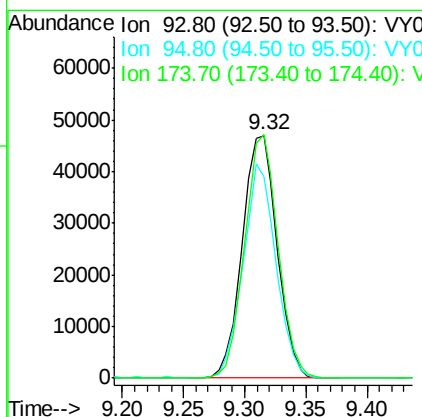
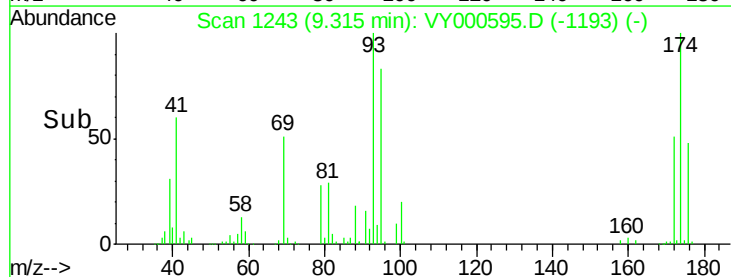
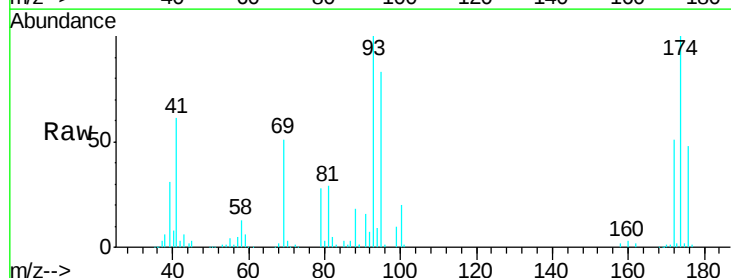
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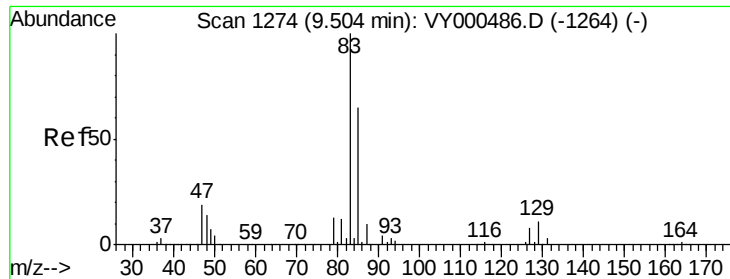
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#46
 Dibromomethane
 Concen: 56.464 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 93 Resp: 92935
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 96.8 77.1 115.7





#47

Bromodichloromethane

Concen: 57.845 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 225911
Ion Ratio Lower Upper

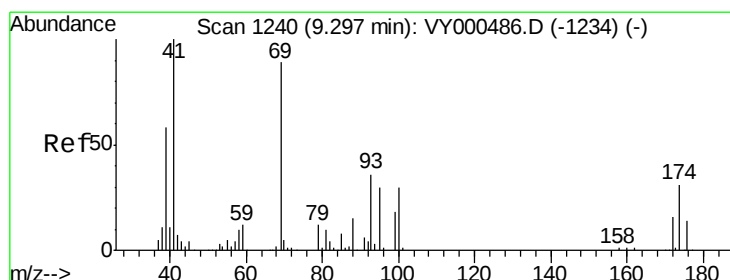
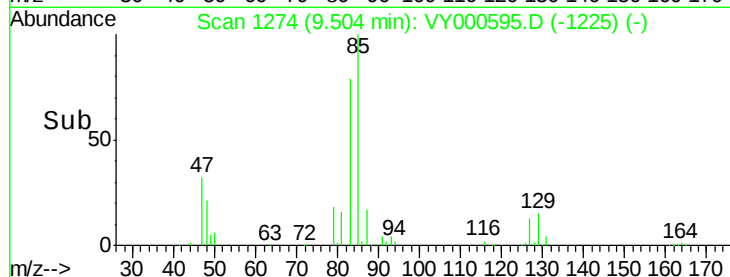
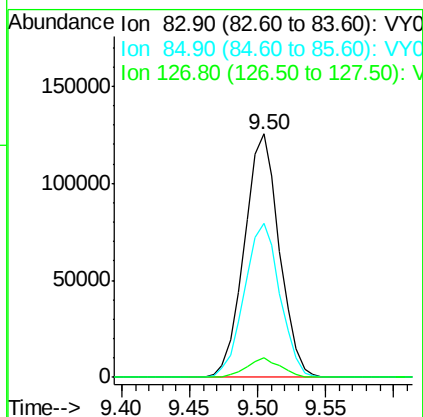
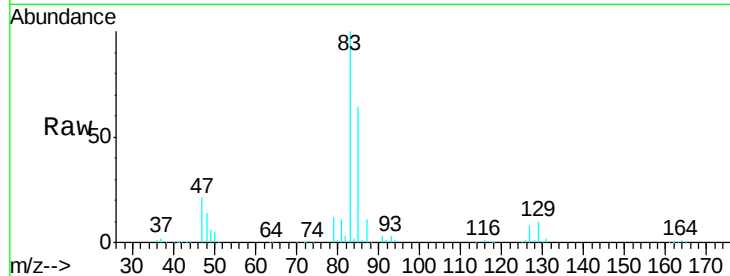
83 100

85 63.5 51.8 77.8

127 8.0 6.7 10.1

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#48

Methyl methacrylate

Concen: 61.651 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000595.D

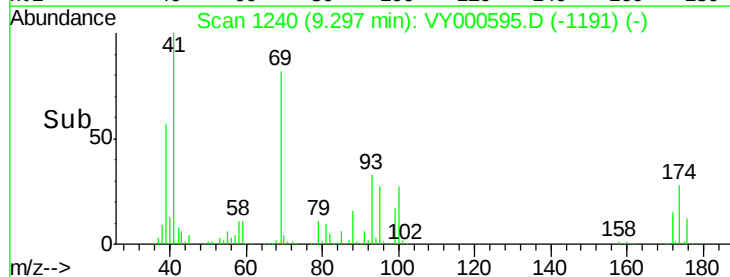
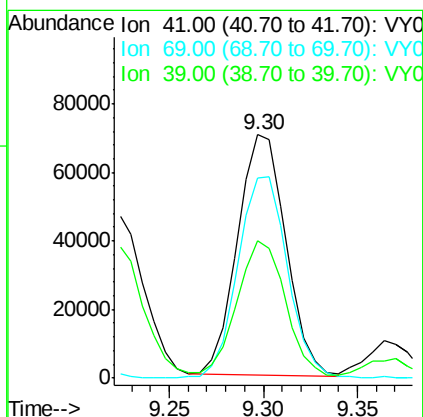
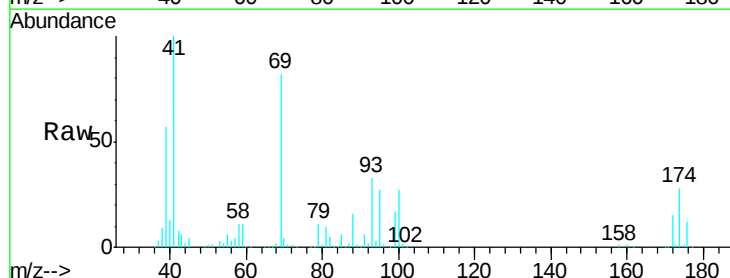
Acq: 07 Nov 2019 20:37

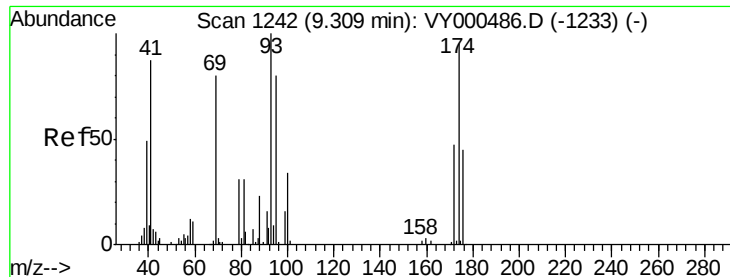
Tgt Ion: 41 Resp: 124603
Ion Ratio Lower Upper

41 100

69 86.3 72.5 108.7

39 58.5 47.8 71.8





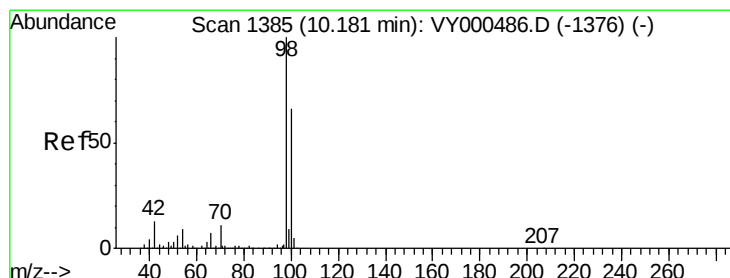
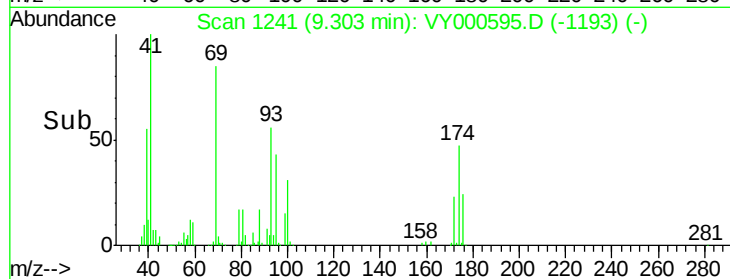
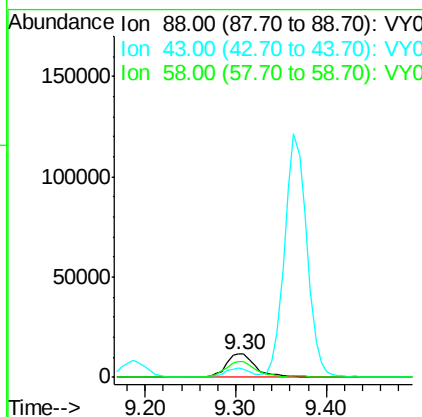
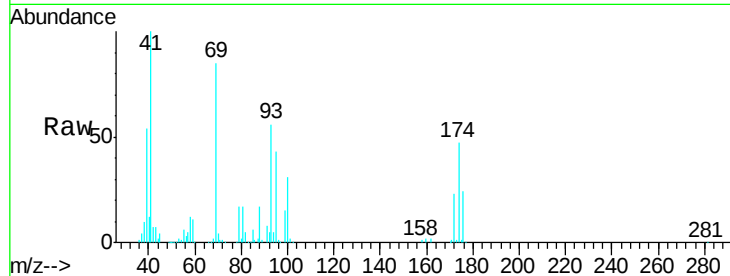
#49
1,4-Dioxane
Concen: 1217.567 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.1	37.7
58	68.2	50.6	75.8

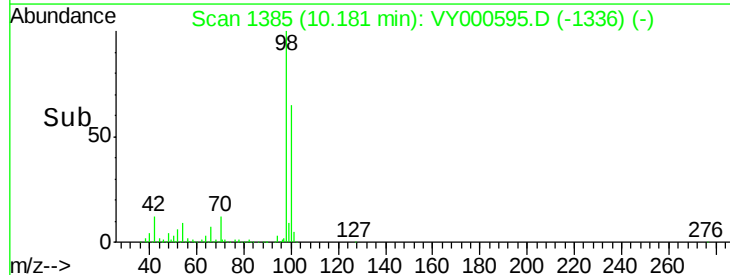
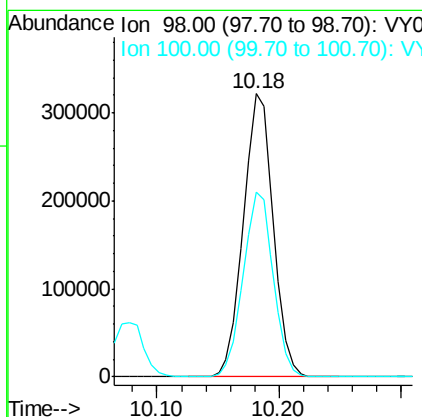
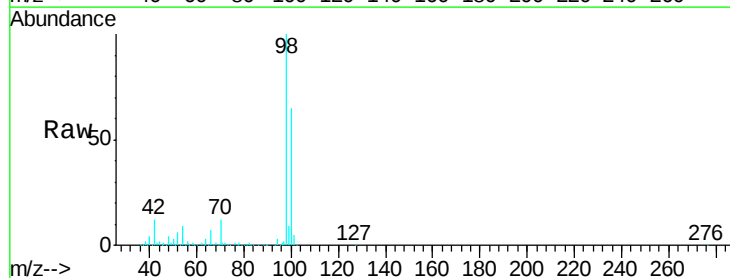
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#50
Toluene-d8
Concen: 55.800 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





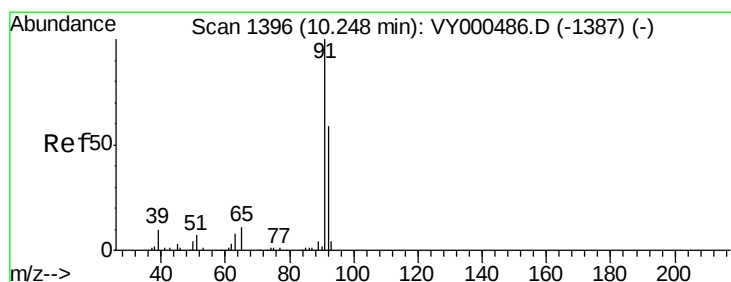
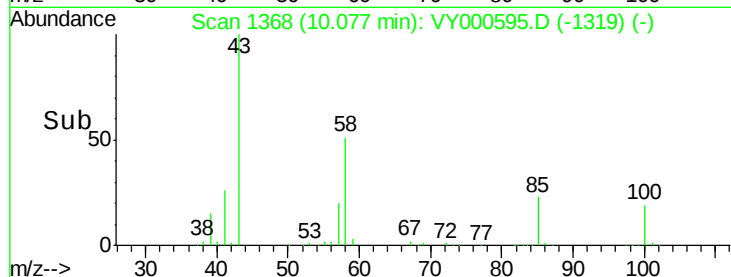
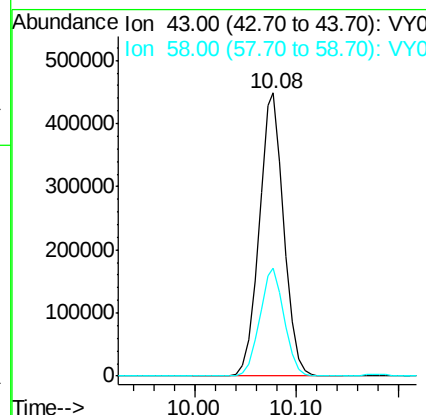
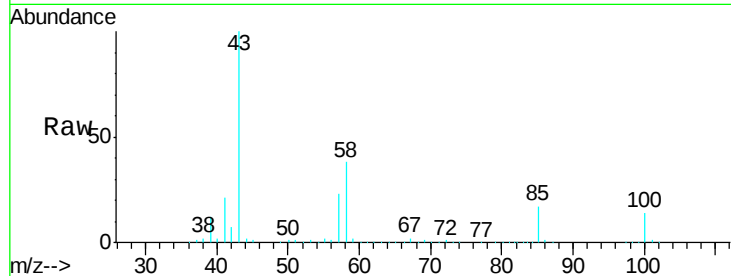
#51
4-Methyl-2-Pentanone
Concen: 305.312 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 750883
Ion Ratio Lower Upper
43 100
58 38.0 30.2 45.4

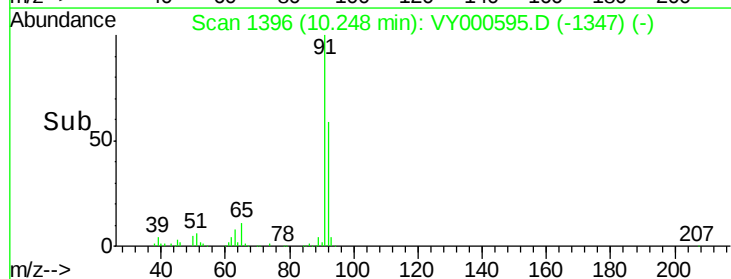
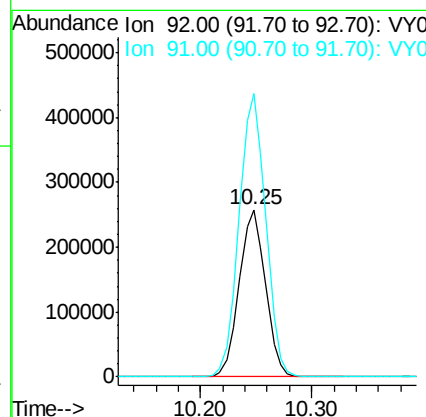
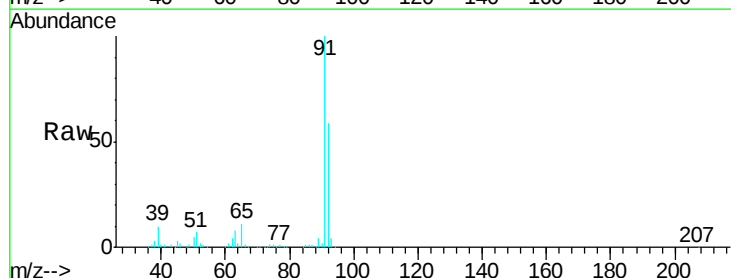
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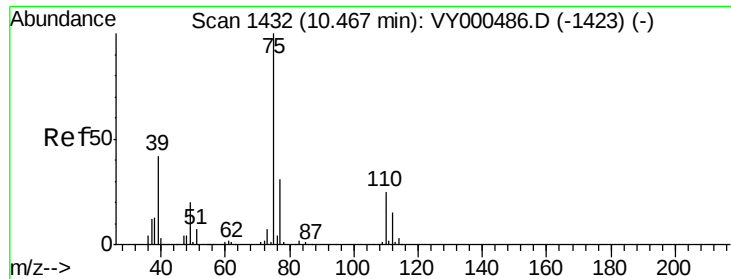
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#52
Toluene
Concen: 54.636 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 92 Resp: 420032
Ion Ratio Lower Upper
92 100
91 172.0 136.3 204.5





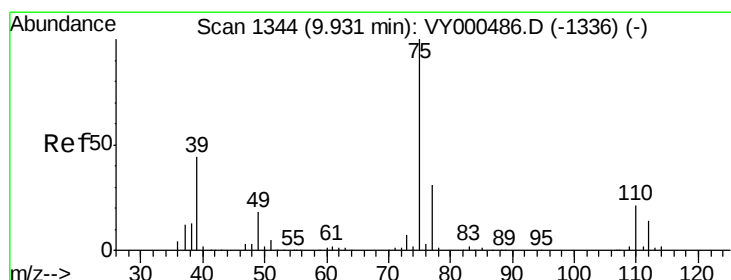
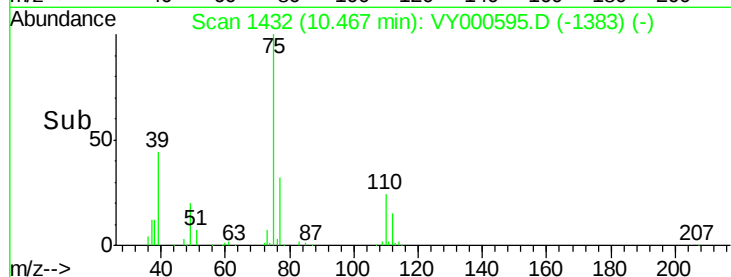
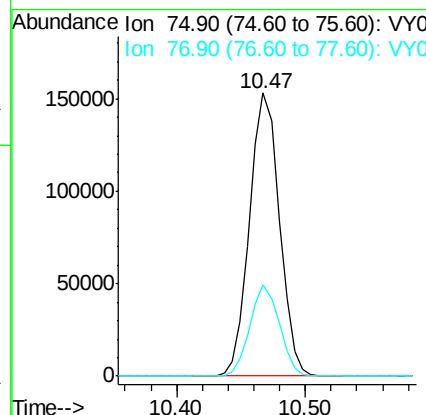
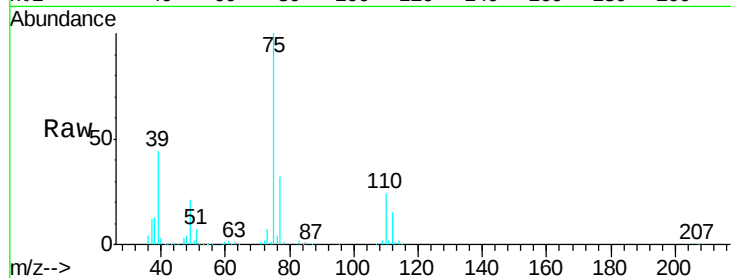
#53
t-1,3-Dichloropropene
Concen: 58.787 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 245313
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0

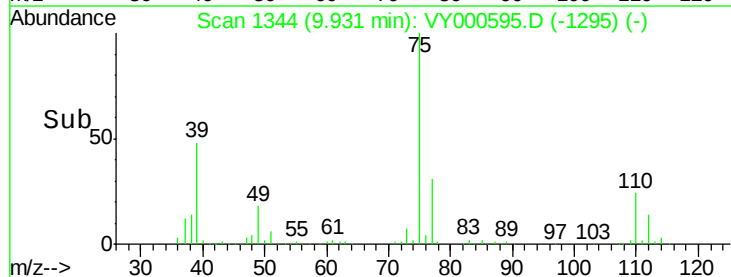
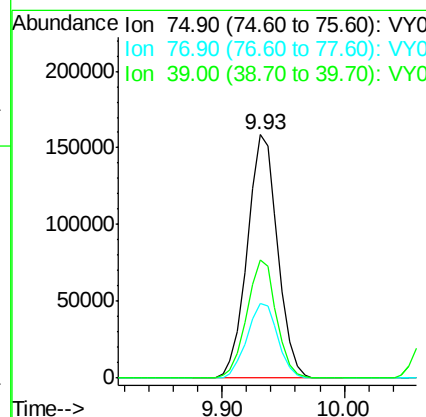
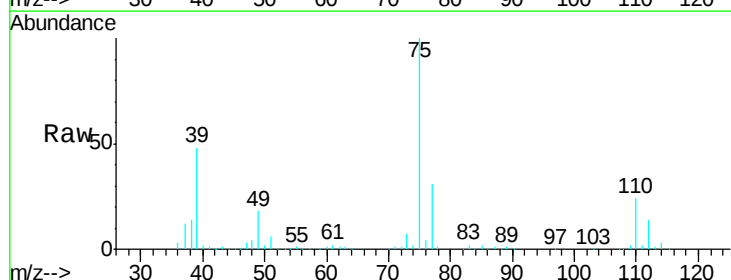
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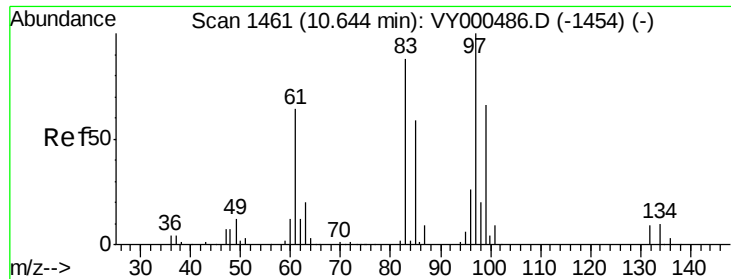
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#54
cis-1,3-Dichloropropene
Concen: 56.957 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 75 Resp: 272286
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7
39 48.3 35.4 53.2





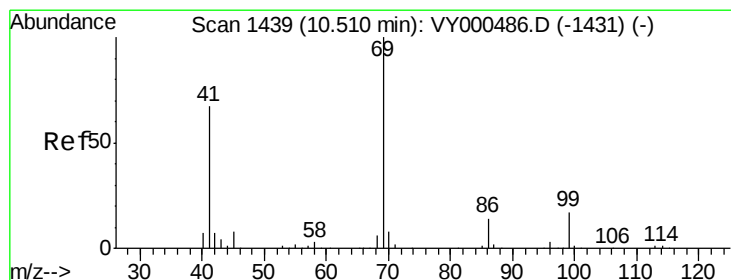
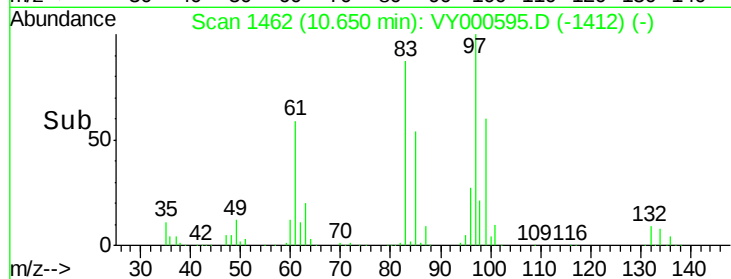
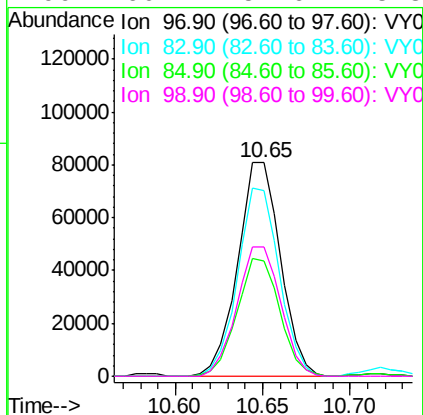
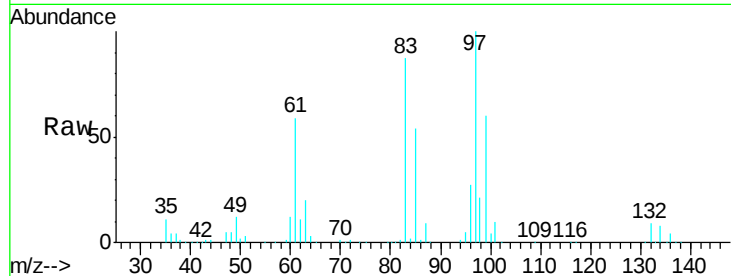
#55
 1,1,2-Trichloroethane
 Concen: 57.461 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.4
85	53.9	46.9	70.3
99	60.4	52.6	78.8

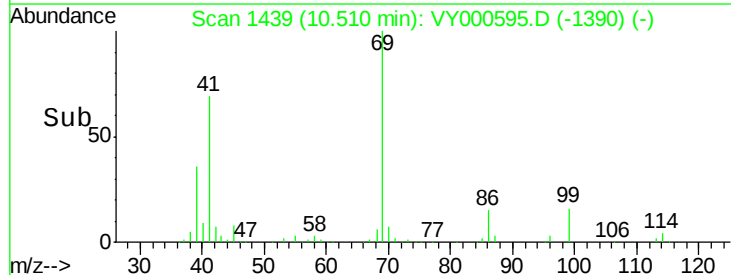
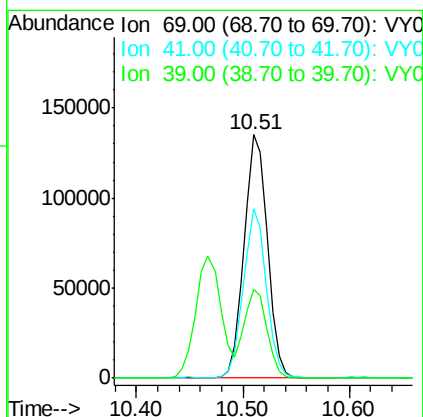
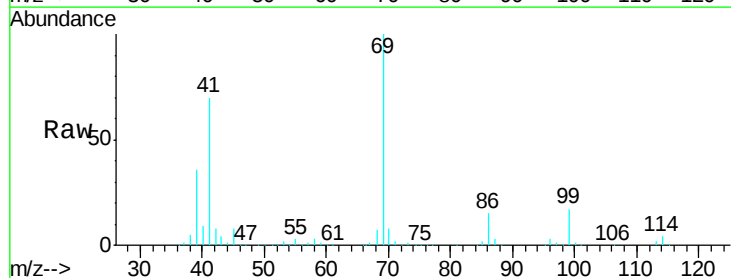
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#56
 Ethyl methacrylate
 Concen: 62.019 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	53.3	79.9
39	35.2	28.0	42.0





#57

1,3-Dichloropropane

Concen: 58.181 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 242416

Ion Ratio Lower Upper

76 100

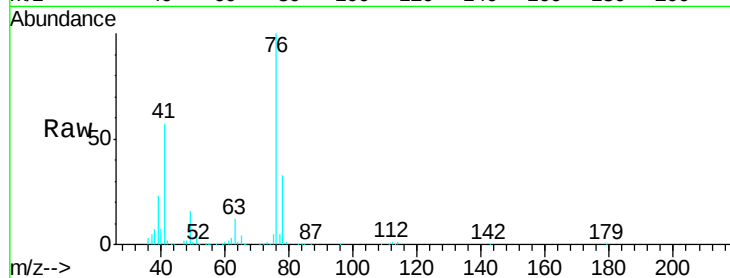
78 32.7 25.2 37.8

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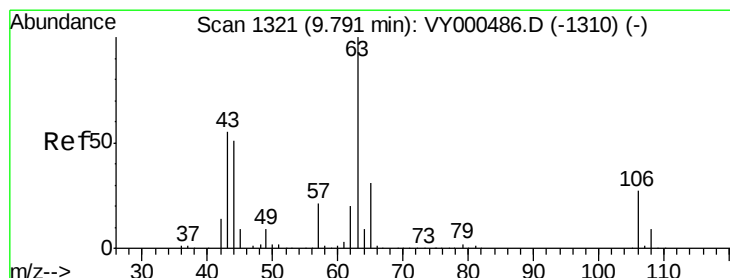
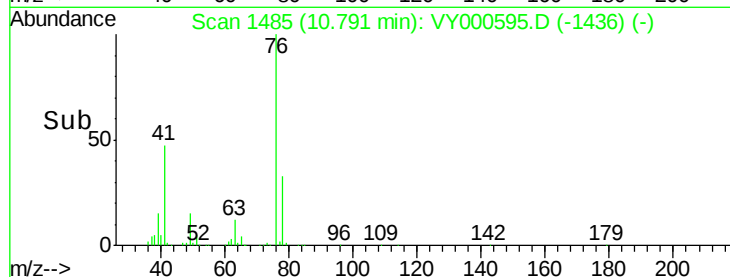
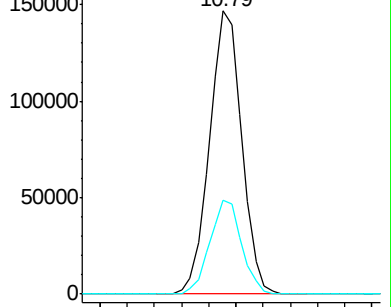
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 274.767 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000595.D

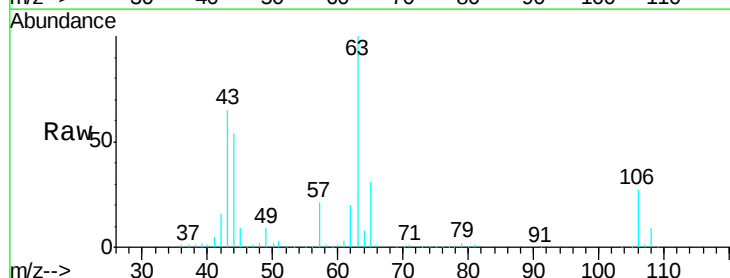
Acq: 07 Nov 2019 20:37

Tgt Ion: 63 Resp: 419132

Ion Ratio Lower Upper

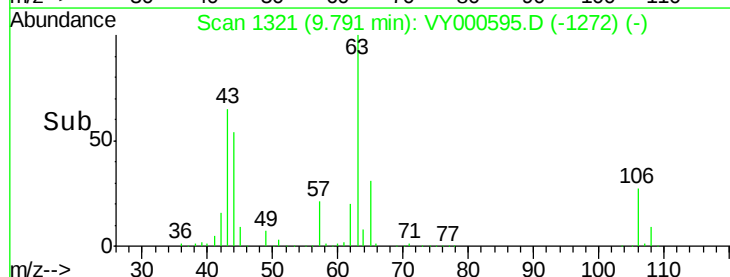
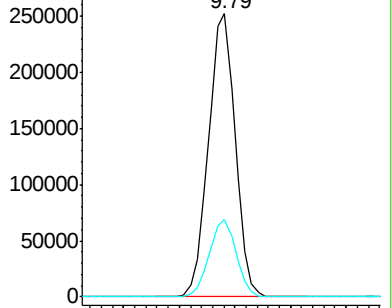
63 100

106 27.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





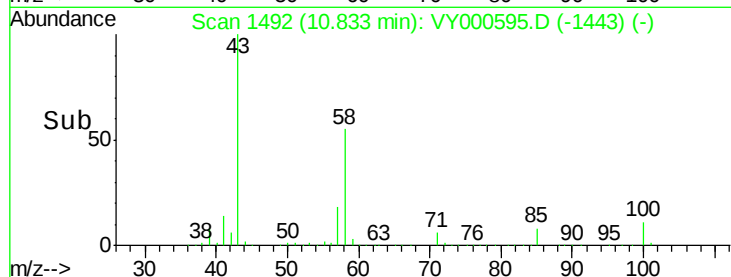
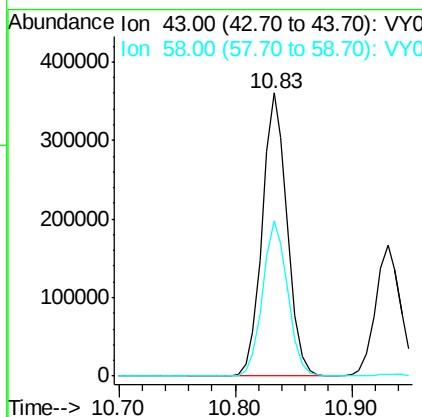
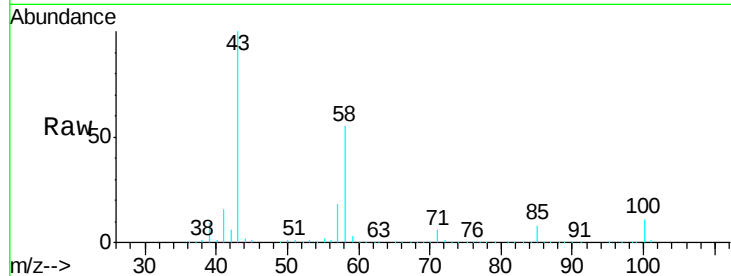
#59
2-Hexanone
Concen: 298.997 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 535774
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.3

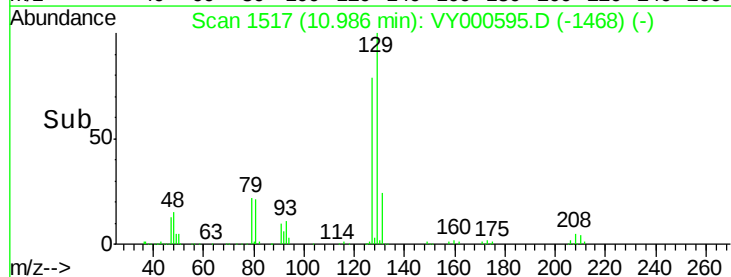
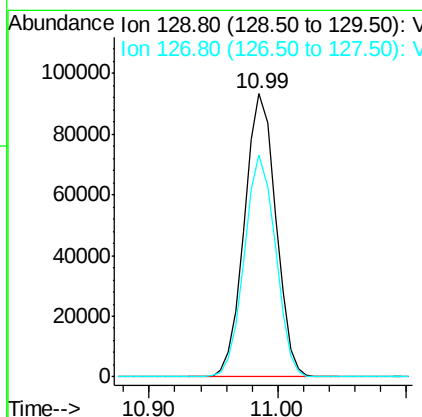
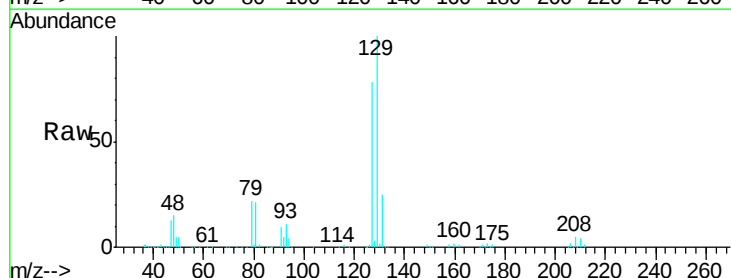
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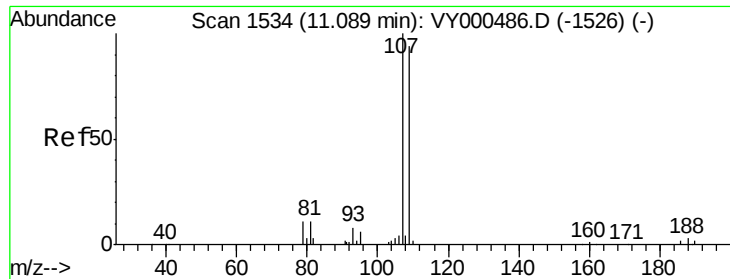
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#60
Dibromochloromethane
Concen: 57.664 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 129 Resp: 157240
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





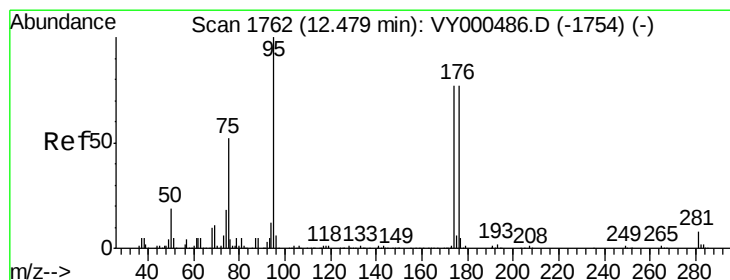
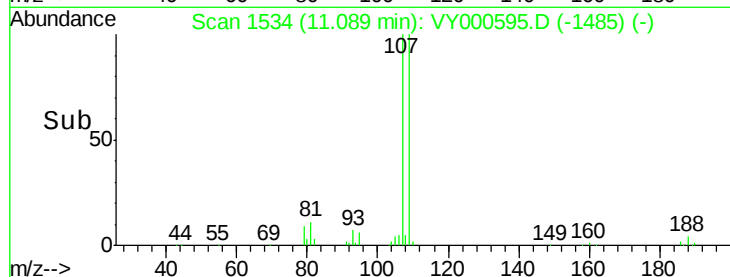
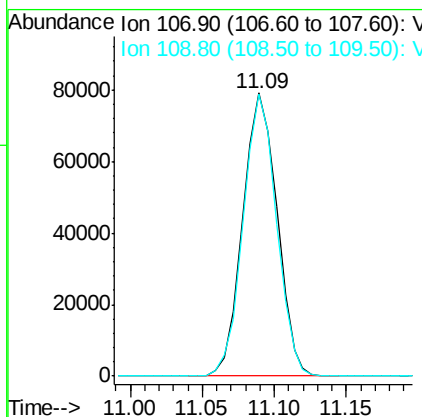
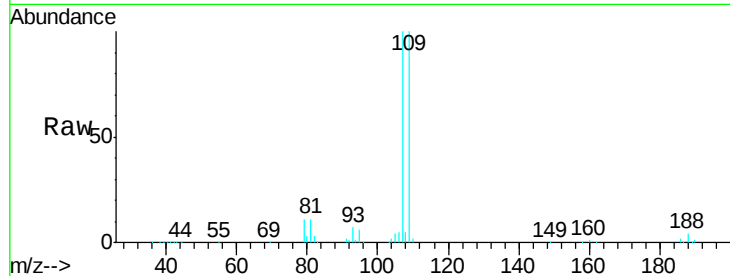
#61
 1,2-Dibromoethane
 Concen: 57.112 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 130727
 Ion Ratio Lower Upper
 107 100
 109 96.6 73.6 110.4

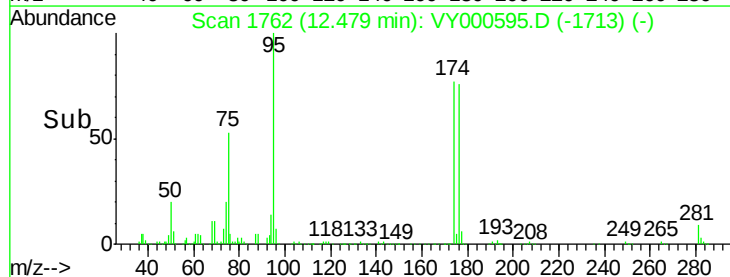
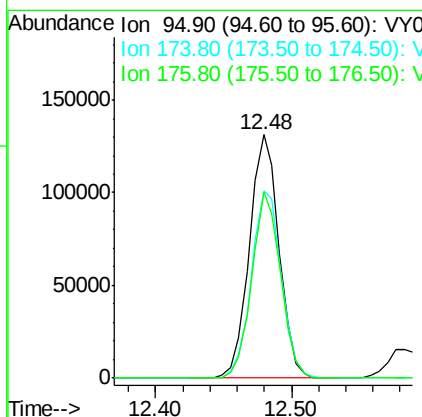
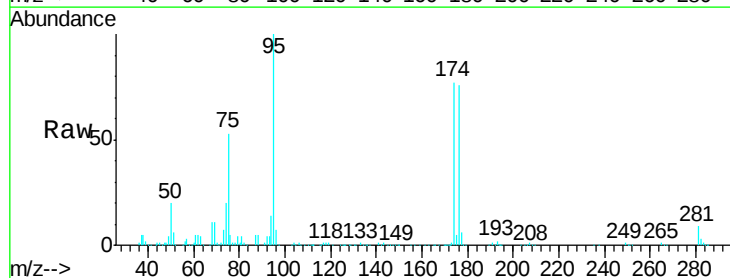
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#62
 4-Bromofluorobenzene
 Concen: 53.630 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 95 Resp: 199538
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 161.6
 176 74.6 0.0 157.8





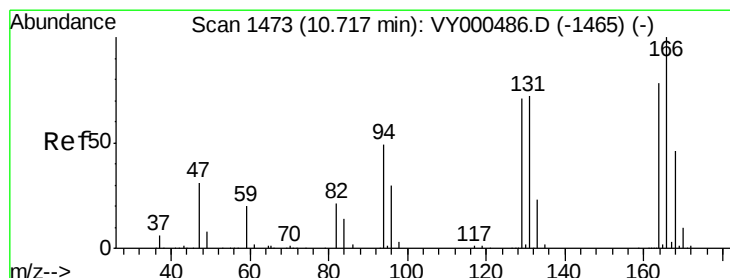
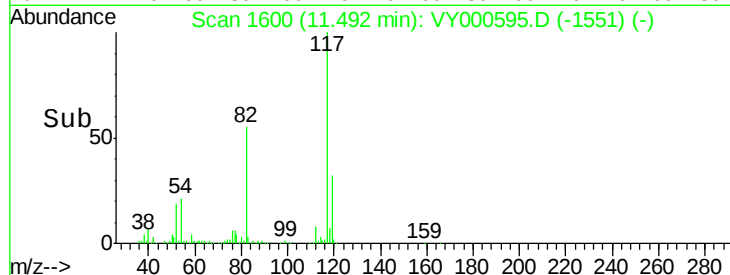
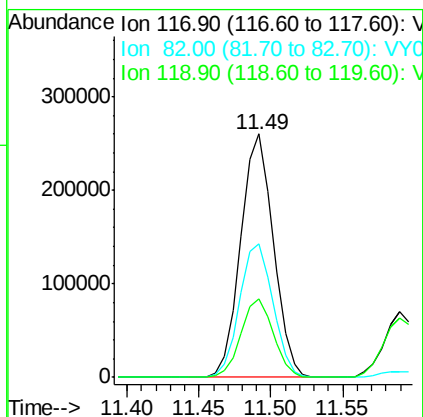
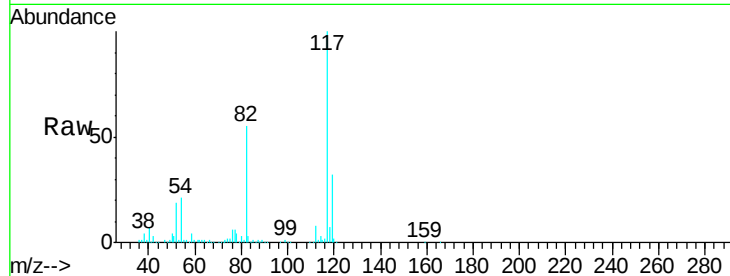
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	411028		
82	55.0	40.8	61.2	
119	32.1	26.2	39.2	

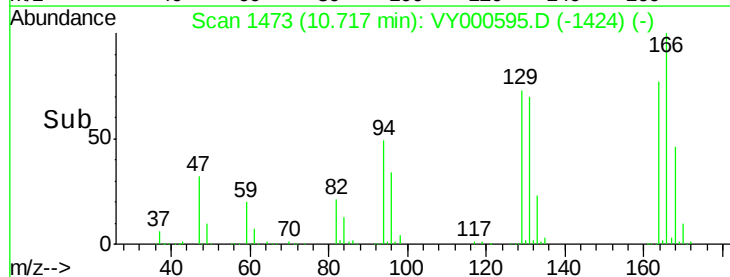
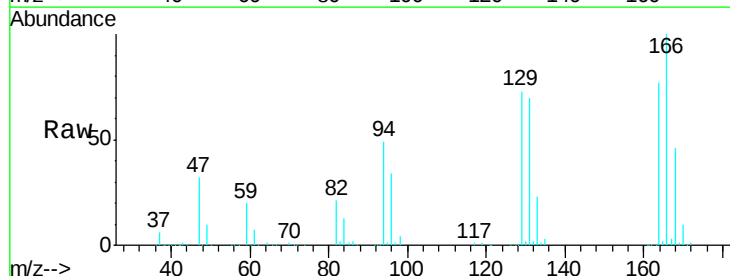
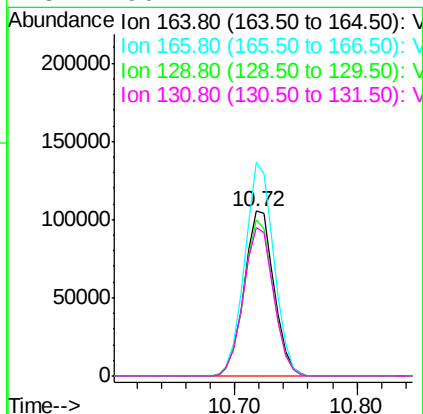
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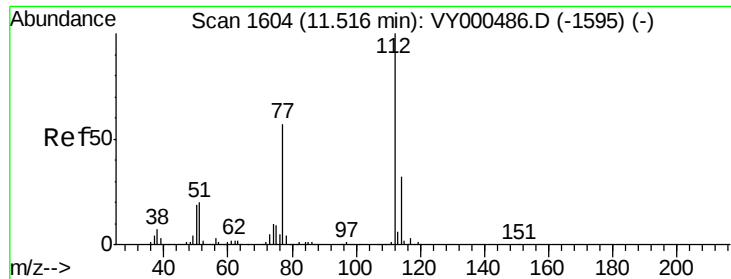
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#64
Tetrachloroethene
Concen: 52.481 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178366		
166	129.6	102.7	154.1	
129	94.9	73.2	109.8	
131	90.4	74.2	111.2	





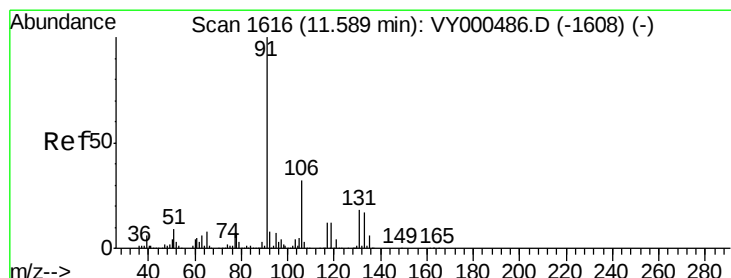
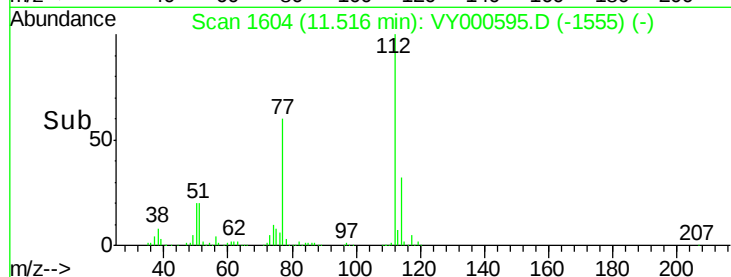
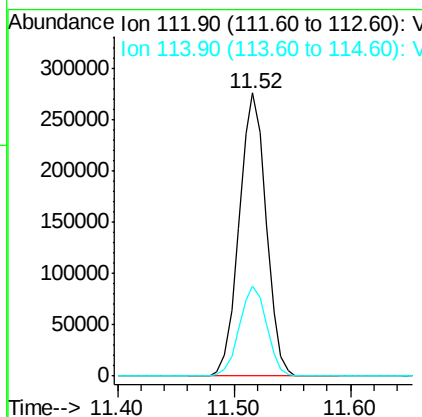
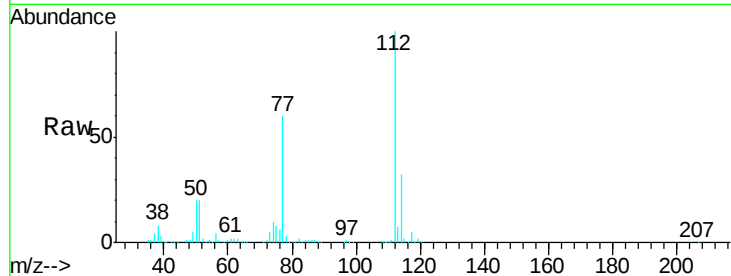
#65
Chlorobenzene
Concen: 53.331 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 444434
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

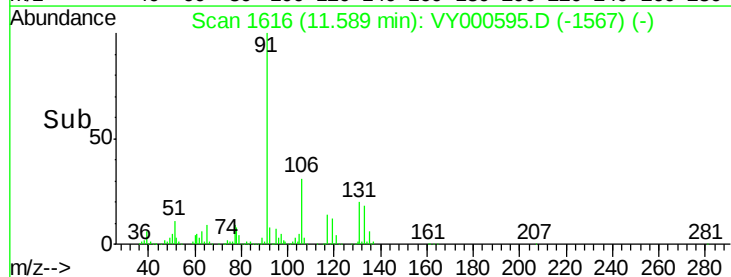
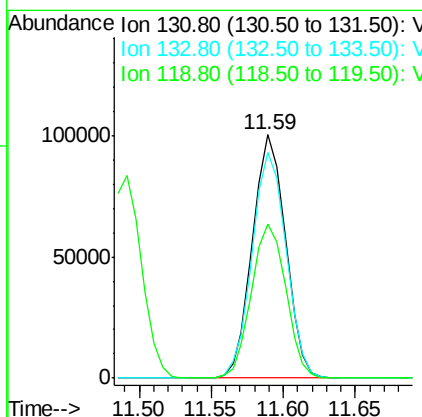
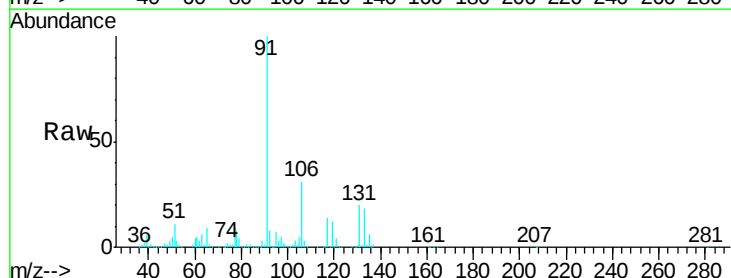
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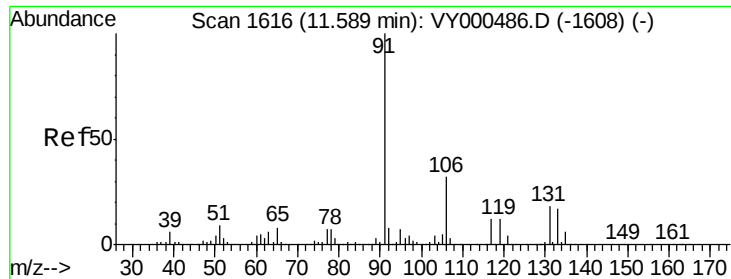
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.444 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:131 Resp: 160244
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 65.5 33.1 99.3





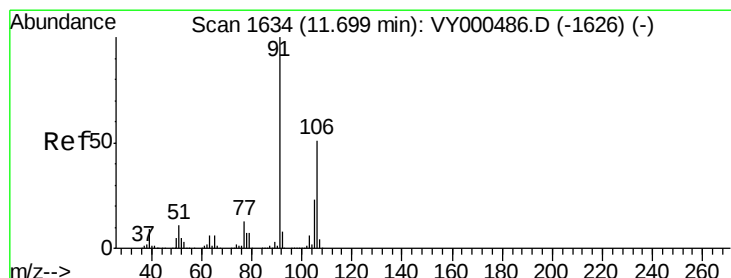
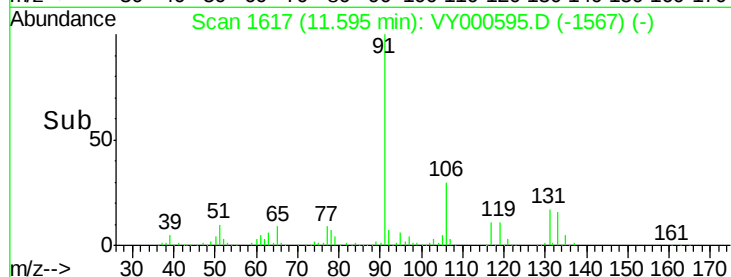
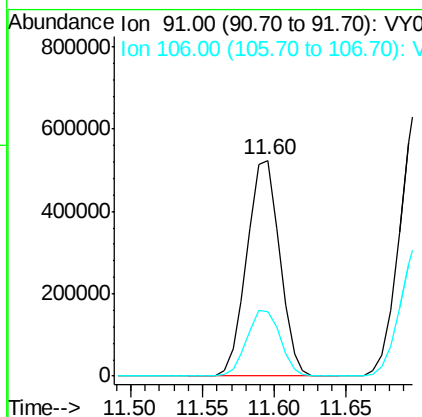
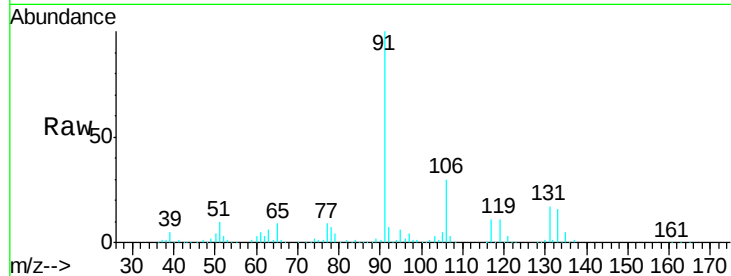
#67
Ethyl Benzene
Concen: 54.053 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 829023
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.0

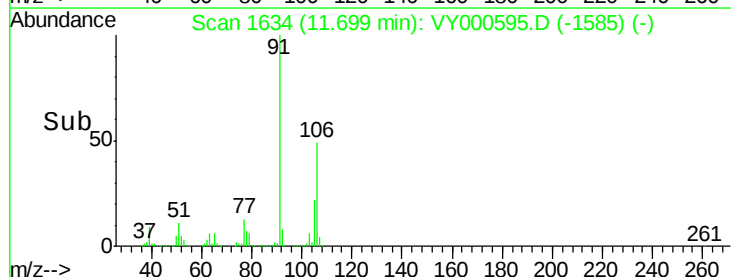
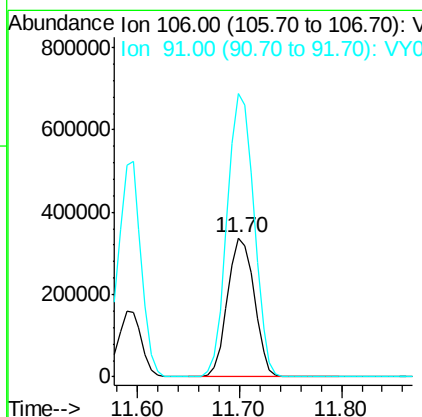
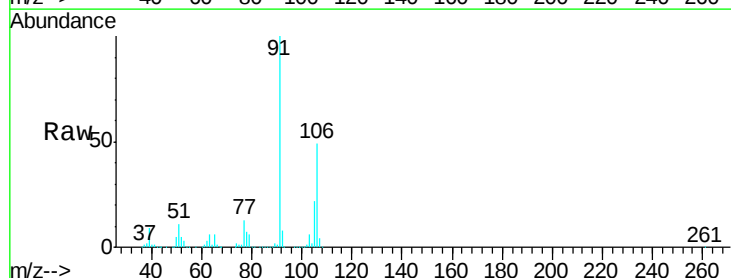
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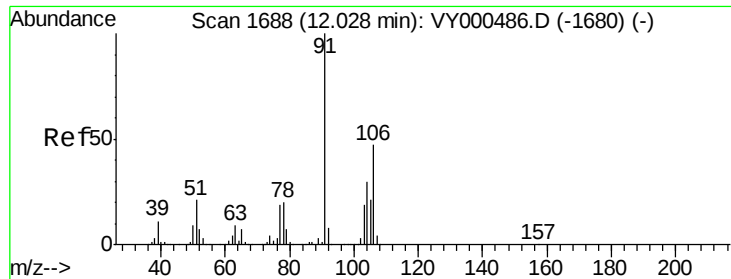
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#68
m/p-Xylenes
Concen: 103.562 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 106 Resp: 614760
Ion Ratio Lower Upper
106 100
91 203.8 155.9 233.9





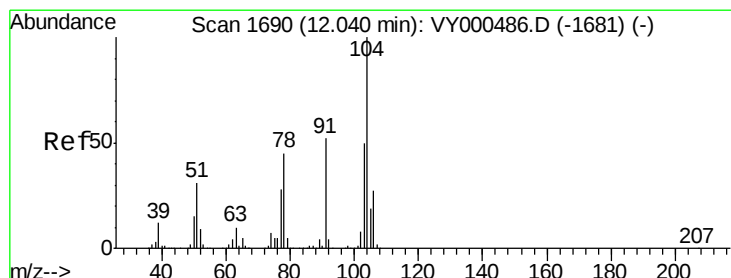
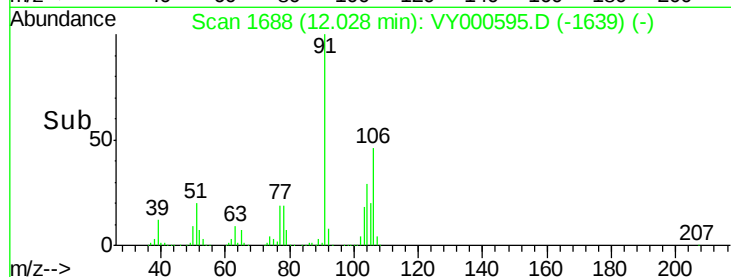
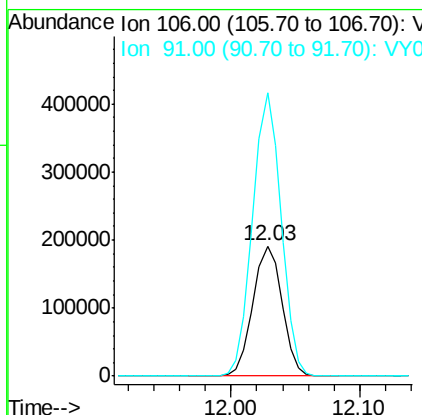
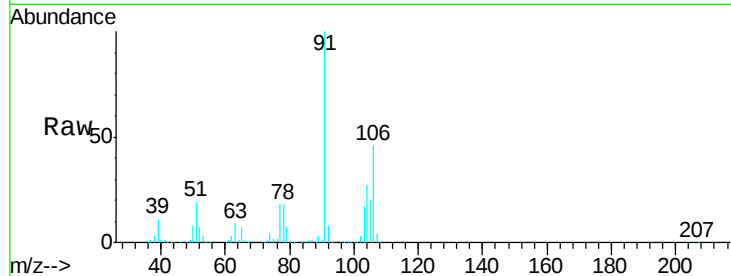
#69
o-Xylene
Concen: 53.494 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.5	106.5	319.6

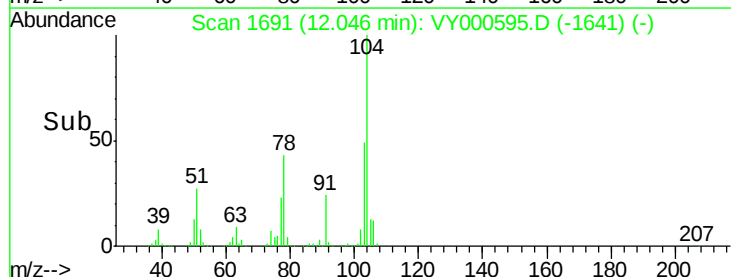
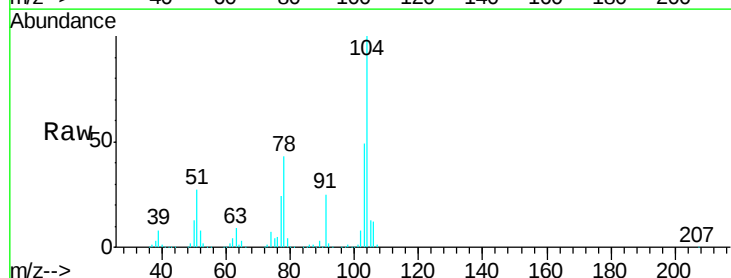
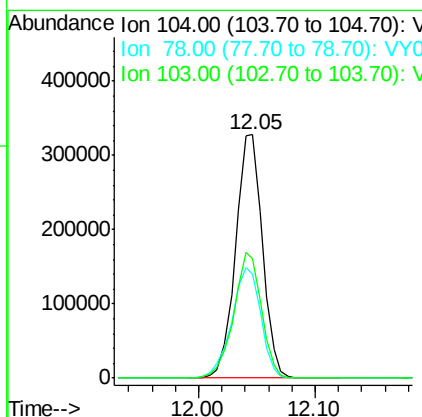
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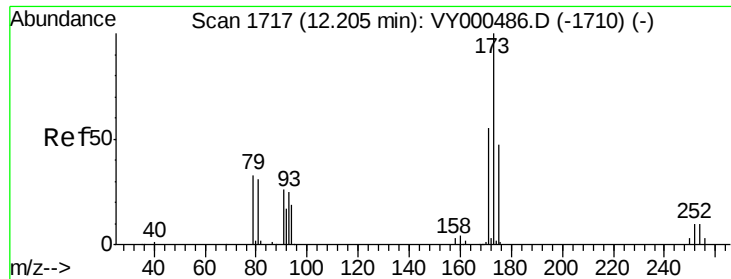
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#70
Styrene
Concen: 55.096 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.0	58.4
103	53.2	42.5	63.7





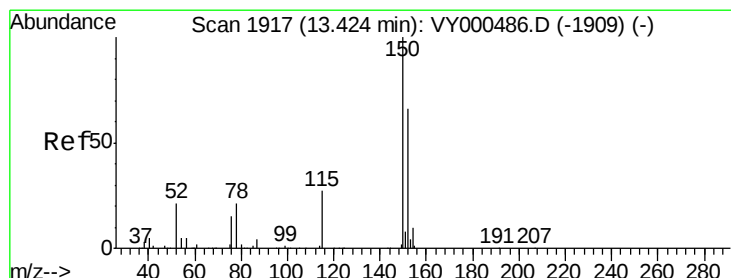
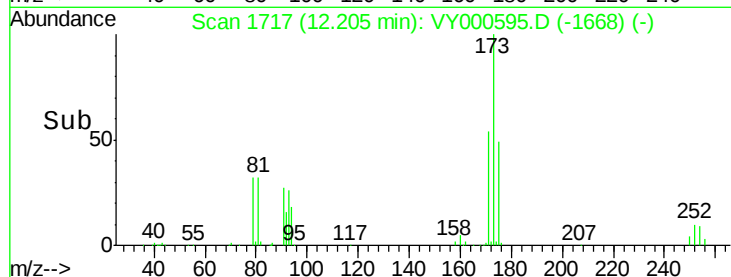
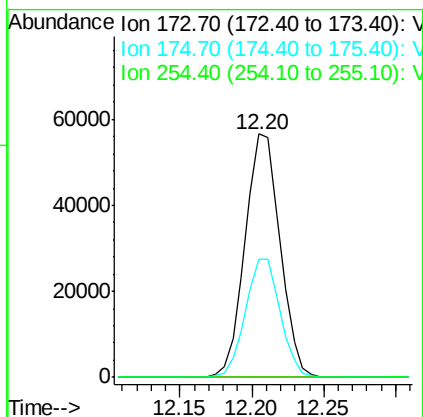
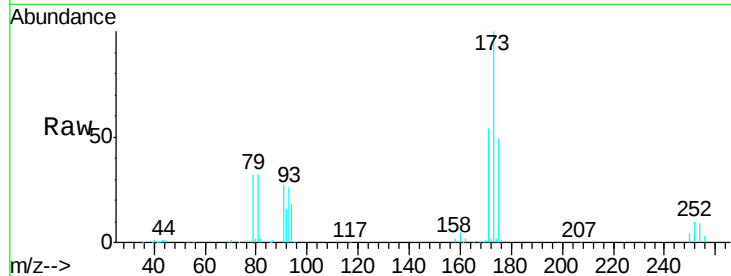
#71
Bromoform
Concen: 57.055 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.2
254	0.1	0.1	0.1#

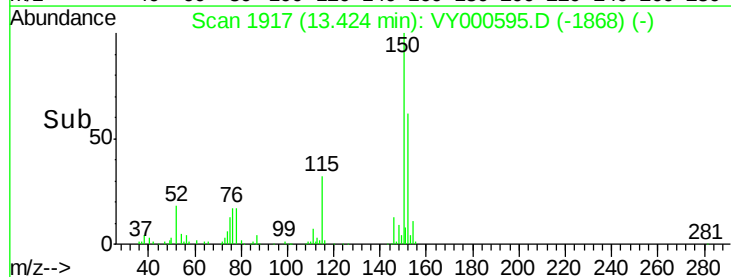
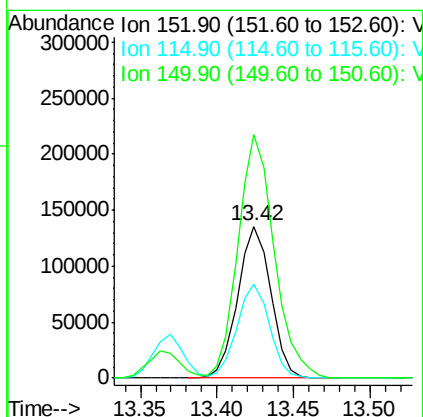
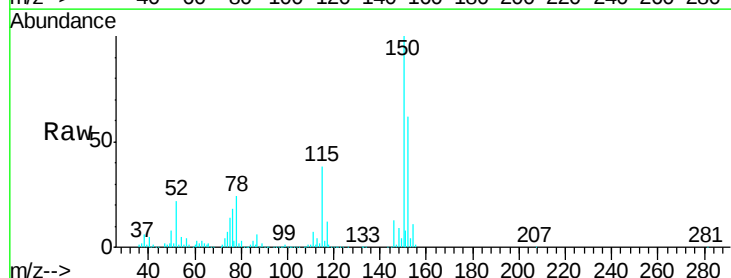
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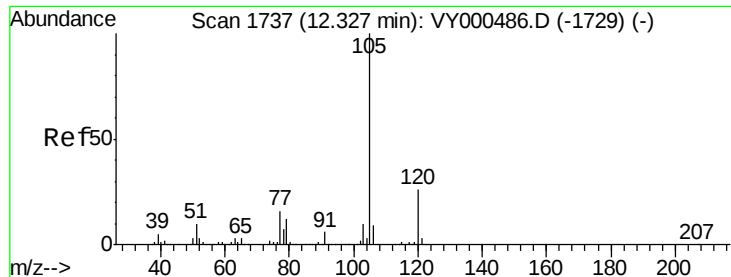
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.1	87.4
150	175.3	0.0	348.8





#73

Isopropylbenzene

Concen: 53.583 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 805280

Ion Ratio Lower Upper

105 100

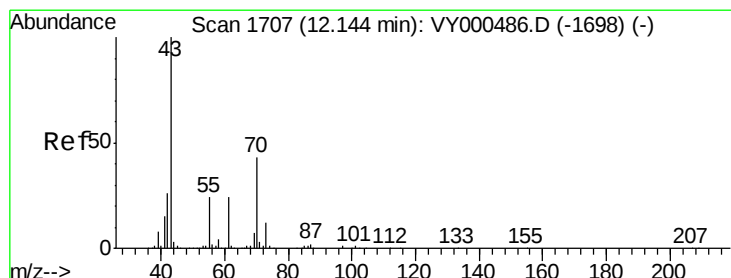
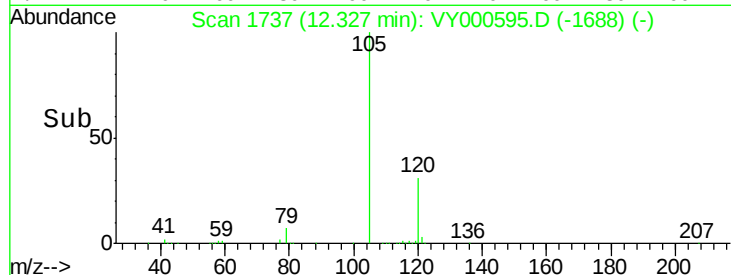
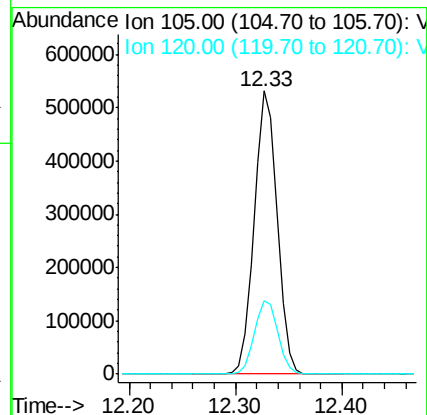
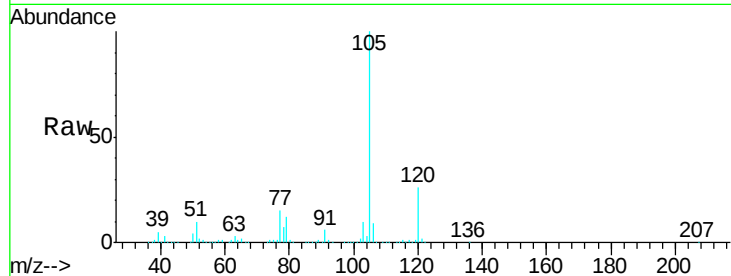
120 26.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 62.253 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion: 43 Resp: 267947

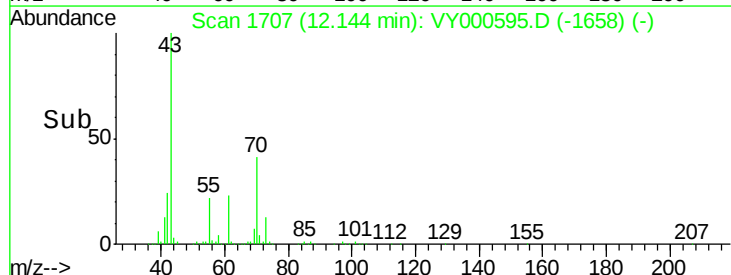
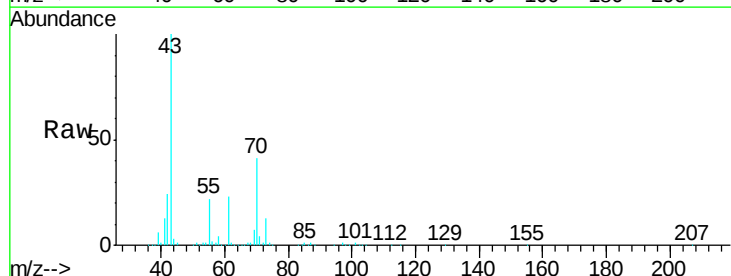
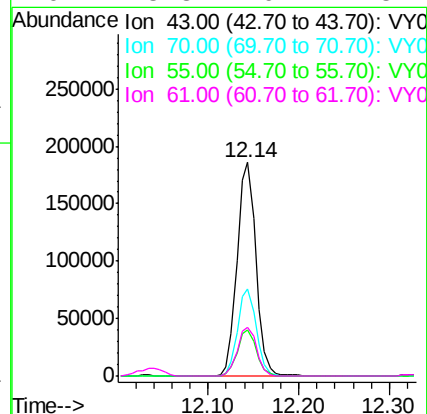
Ion Ratio Lower Upper

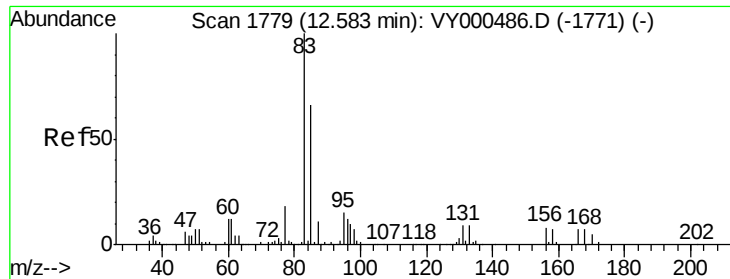
43 100

70 40.5 33.1 49.7

55 22.0 18.0 27.0

61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 56.673 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

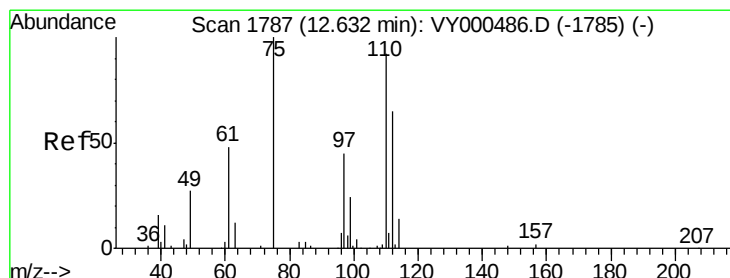
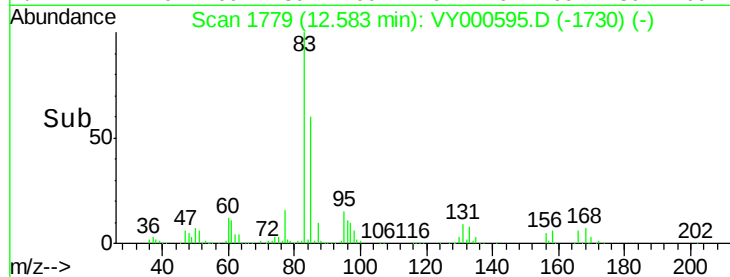
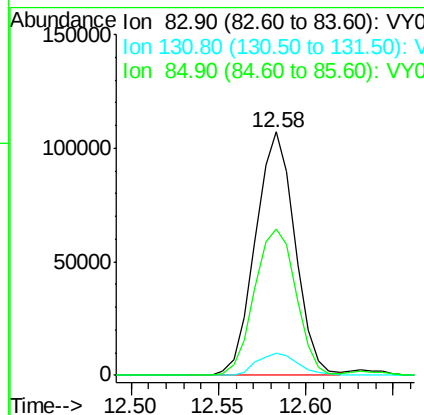
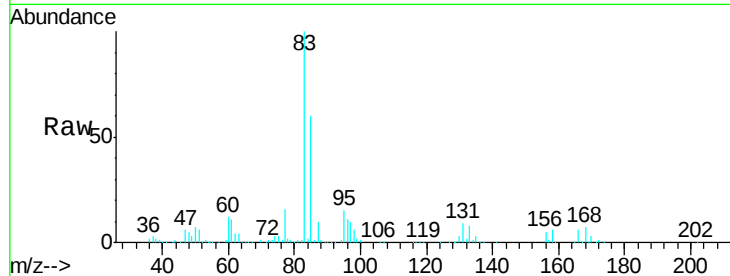
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	168640
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	63.2	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 55.299 ug/l m

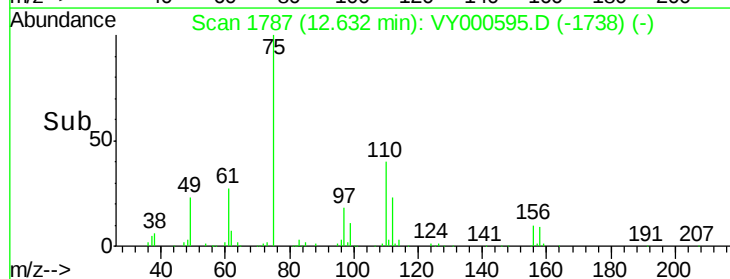
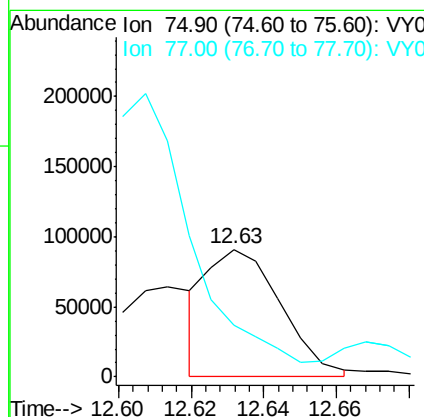
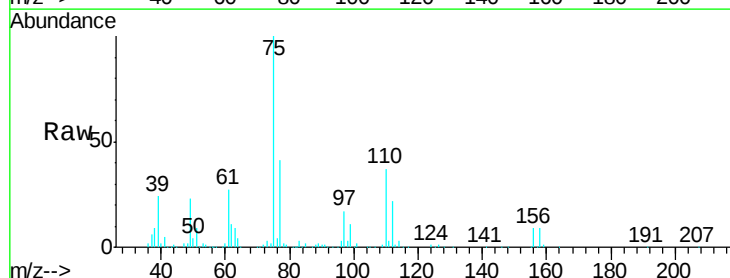
RT: 12.63 min Scan# 1787

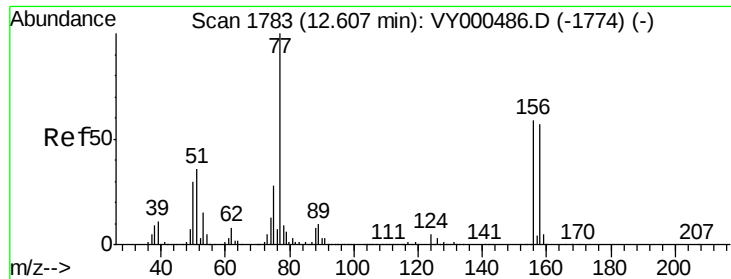
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	75	Resp:	128035
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.333 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

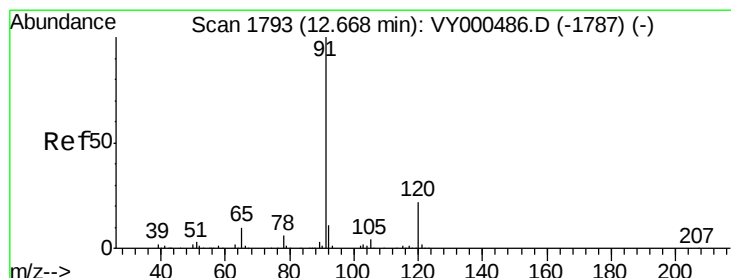
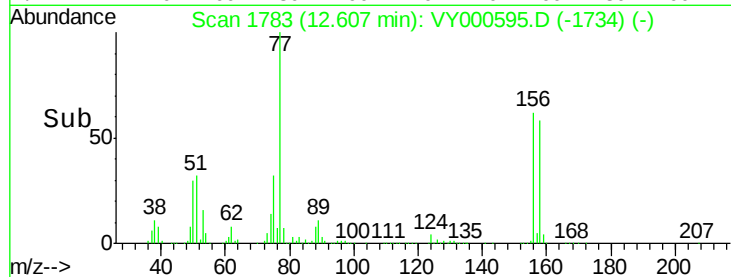
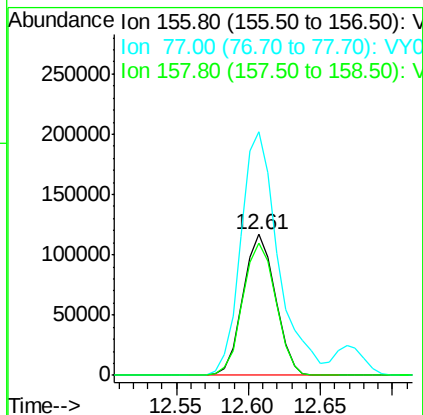
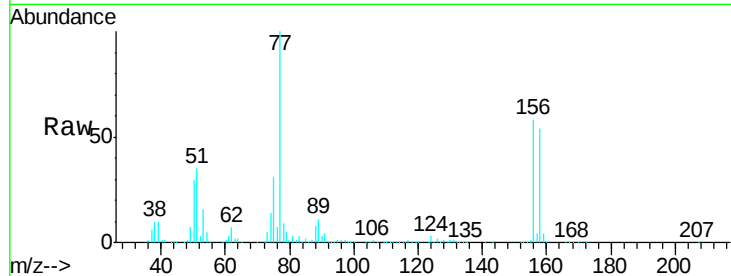
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	181762
Ion Ratio	Lower	Upper	
156	100		
77	200.0	98.2	294.4
158	96.0	49.6	149.0

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#78

n-propylbenzene

Concen: 53.876 ug/l

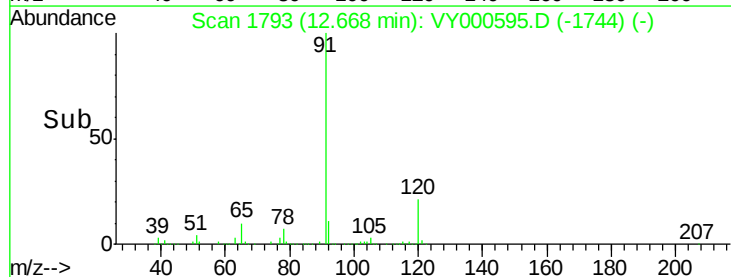
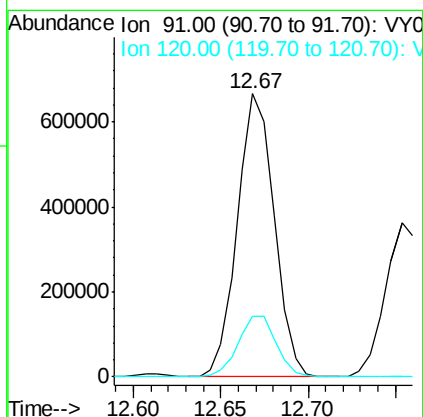
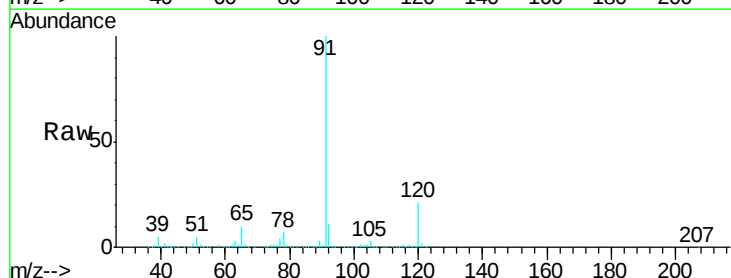
RT: 12.67 min Scan# 1793

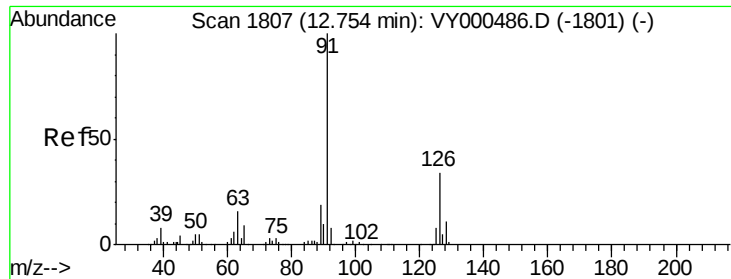
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	91	Resp:	976940
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 55.252 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 556207

Ion Ratio Lower Upper

91 100

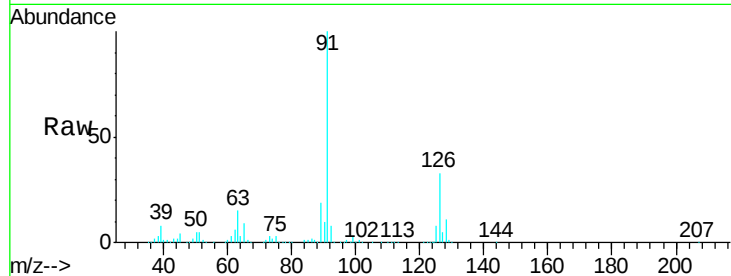
126 33.1 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

12.75

400000

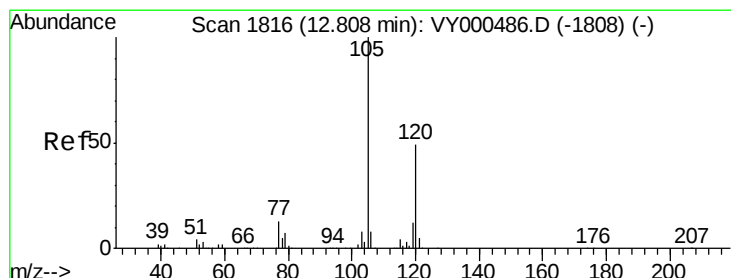
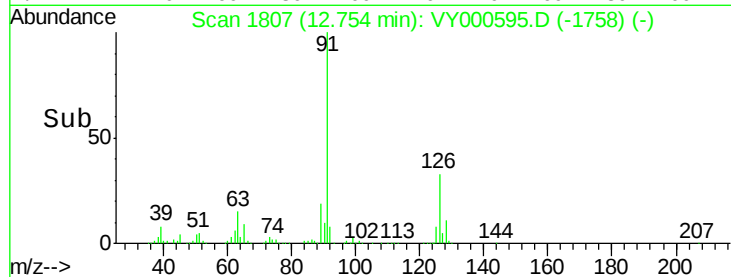
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.206 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000595.D

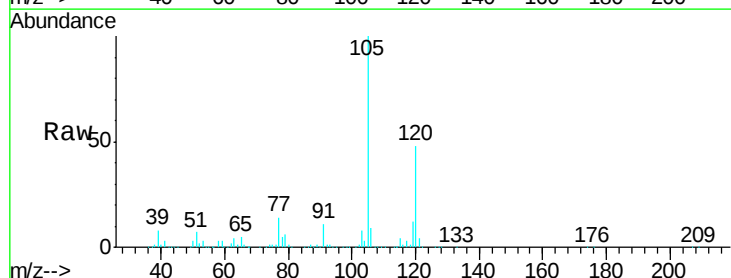
Acq: 07 Nov 2019 20:37

Tgt Ion: 105 Resp: 678474

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

12.81

500000

400000

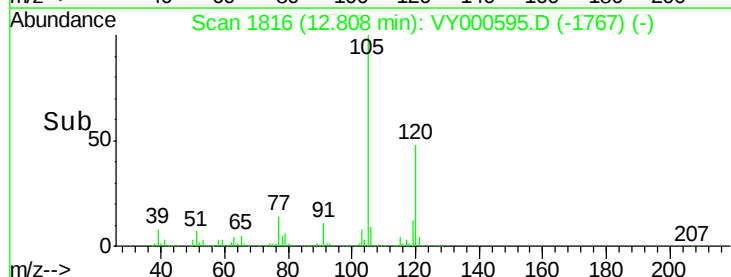
300000

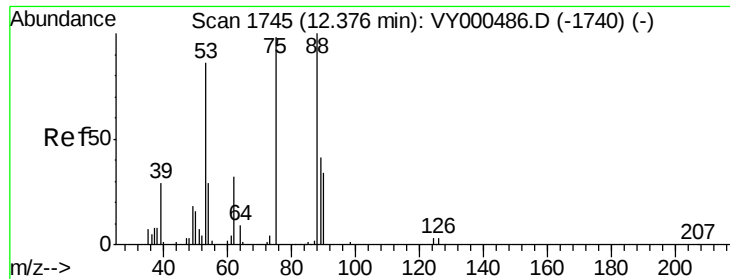
200000

100000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.885 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

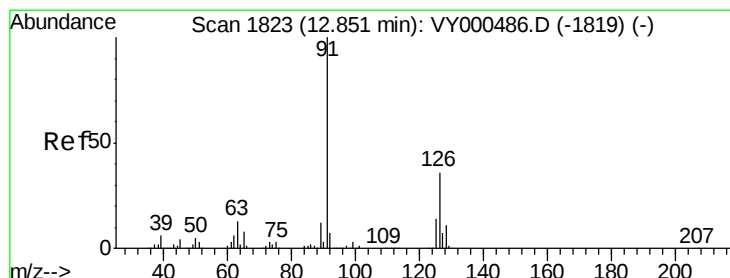
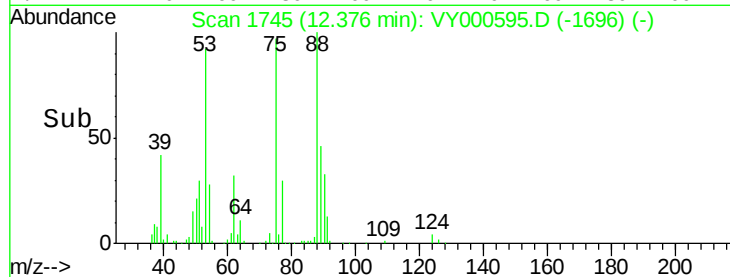
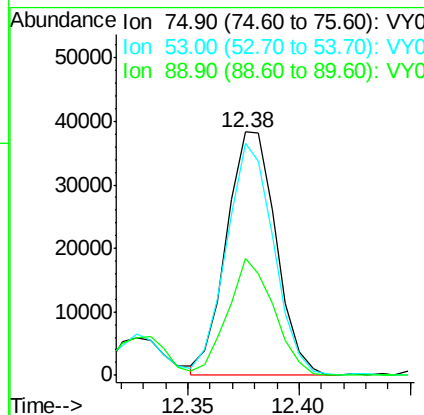
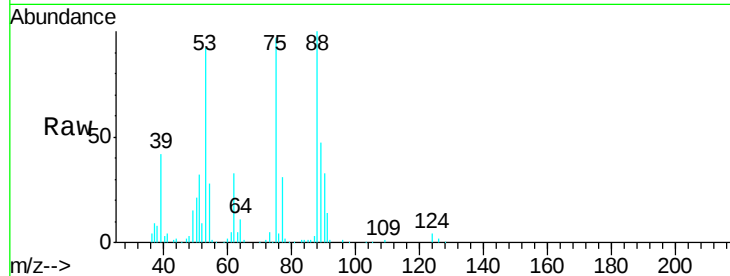
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	58742
Ion Ratio	Lower	Upper	
75	100		
53	92.0	73.2	109.8
89	45.3	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.491 ug/l

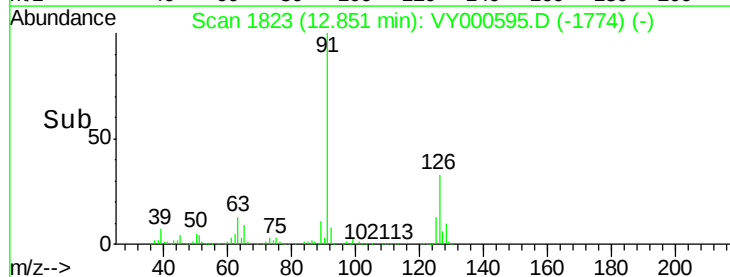
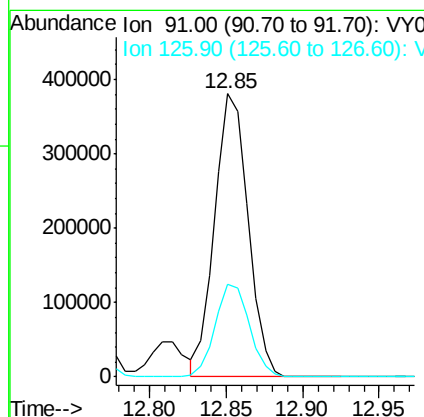
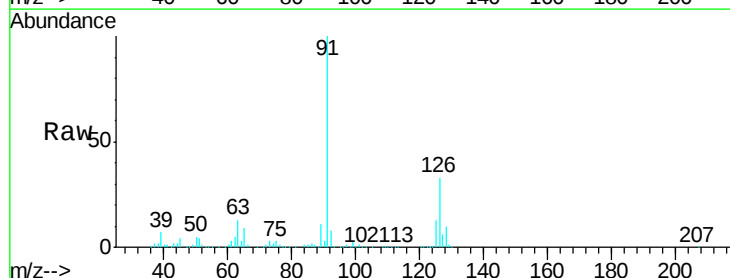
RT: 12.85 min Scan# 1823

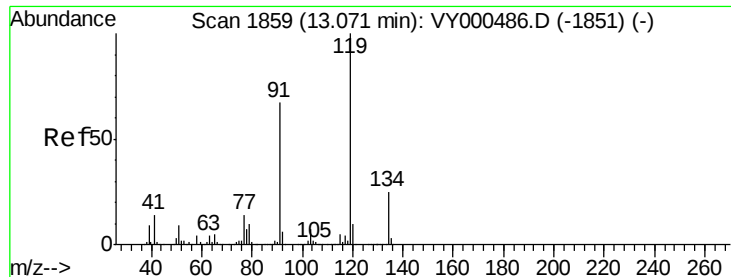
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	91	Resp:	579051
Ion Ratio	Lower	Upper	
91	100		
126	33.5	17.6	52.9





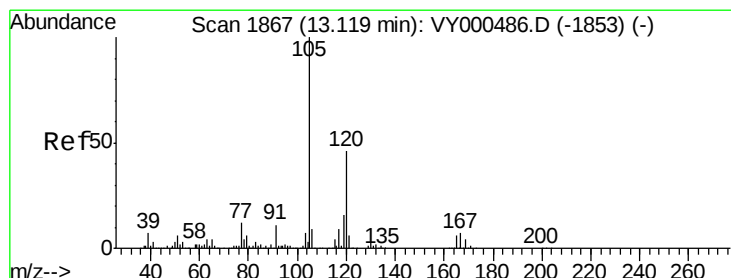
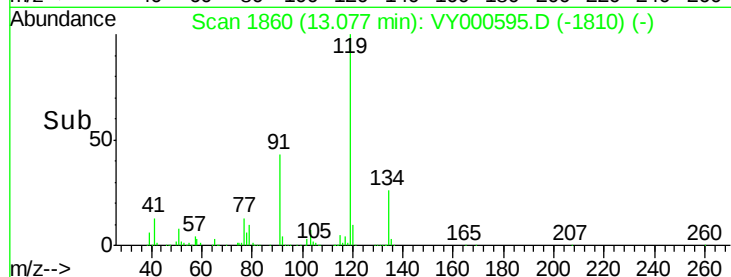
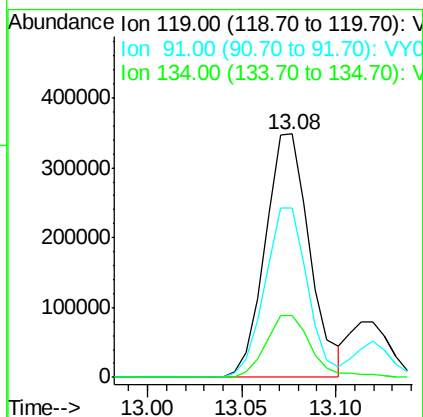
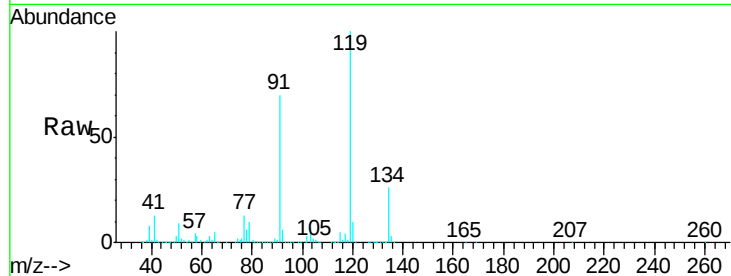
#83
tert-Butylbenzene
Concen: 53.406 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	570753		
91	66.7	32.1	96.3	
134	26.2	13.2	39.5	

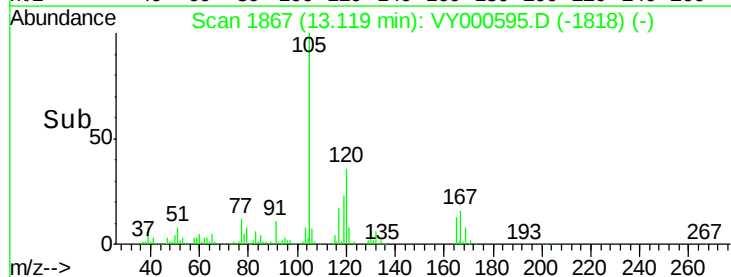
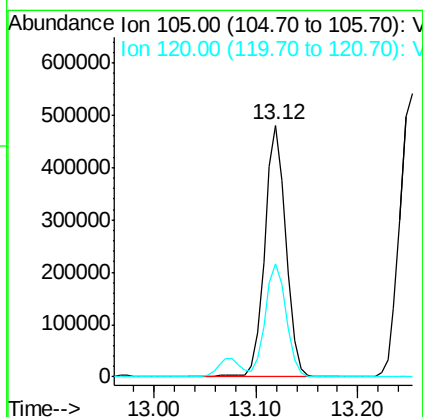
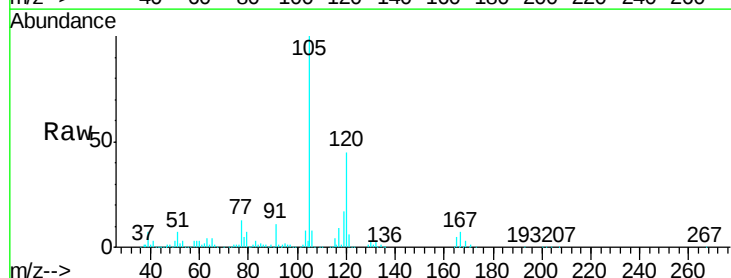
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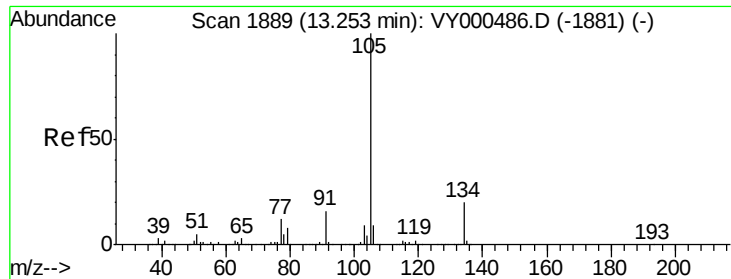
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#84
1,2,4-Trimethylbenzene
Concen: 55.341 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	689679		
120	44.4	23.3	69.9	





#85

sec-Butylbenzene

Concen: 53.944 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 821354

Ion Ratio Lower Upper

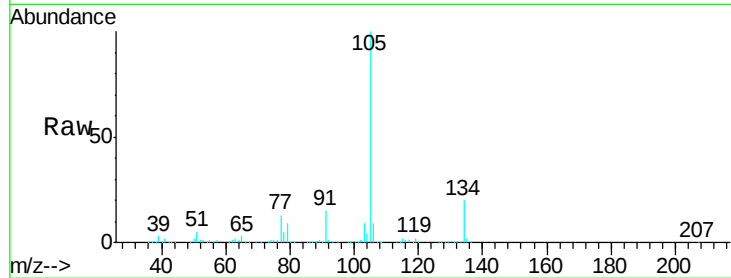
105 100

134 19.5 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

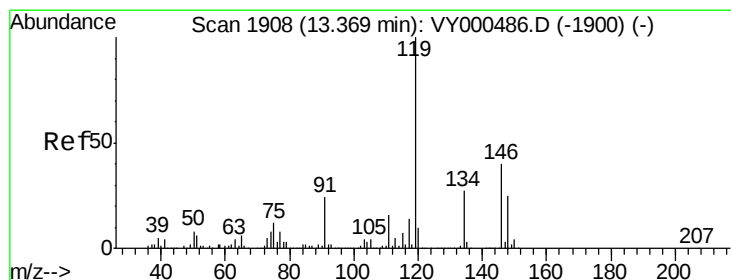
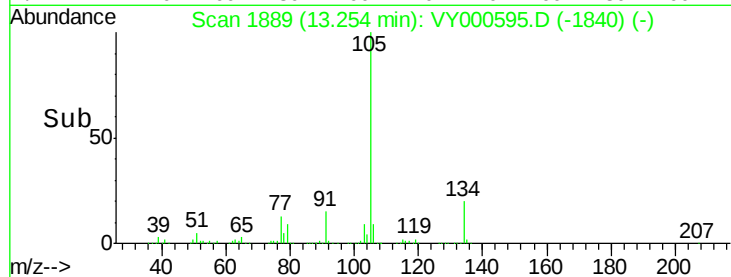
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.823 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

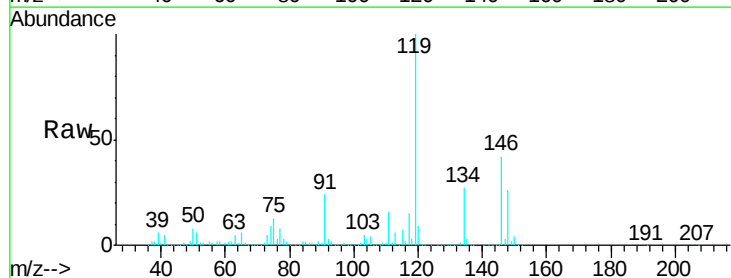
Tgt Ion:119 Resp: 730389

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

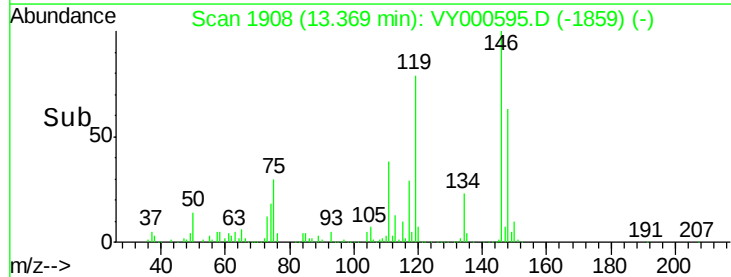
600000

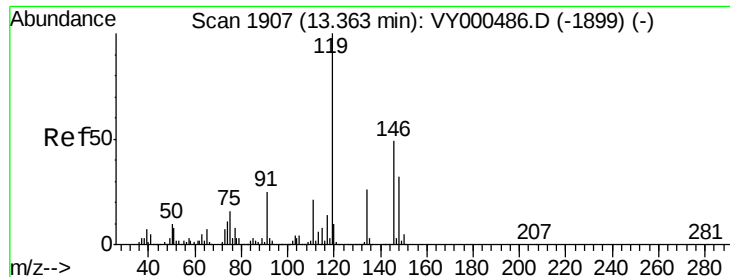
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.367 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

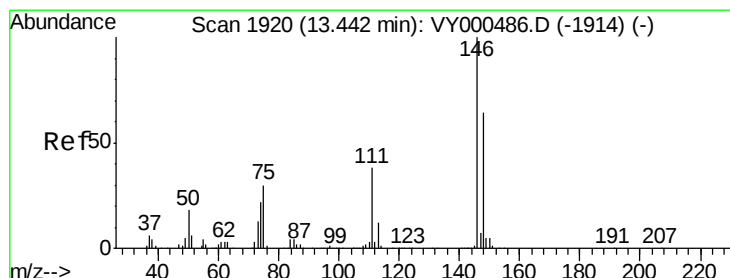
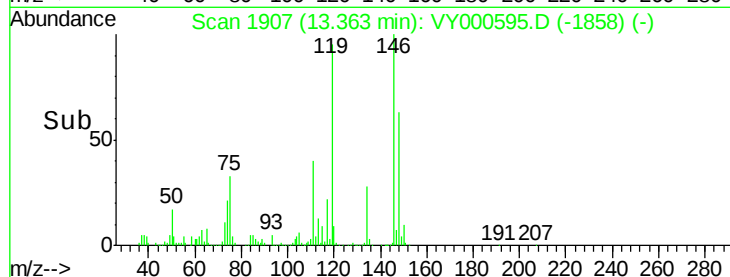
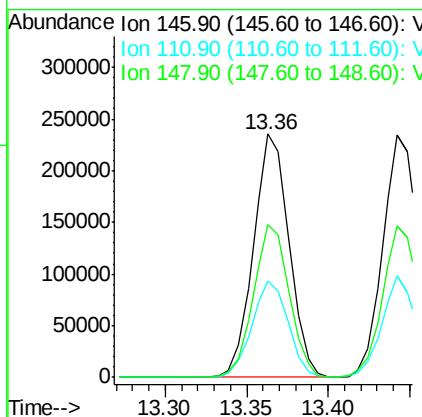
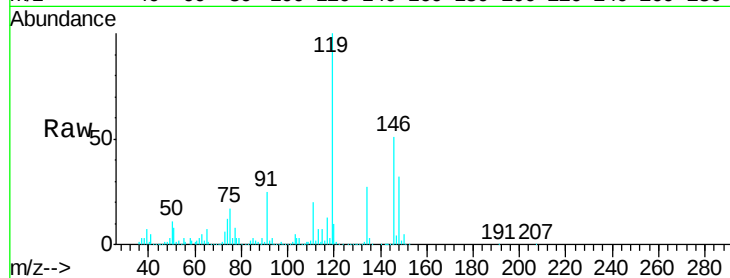
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	356239
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.8
148	62.8	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.576 ug/l

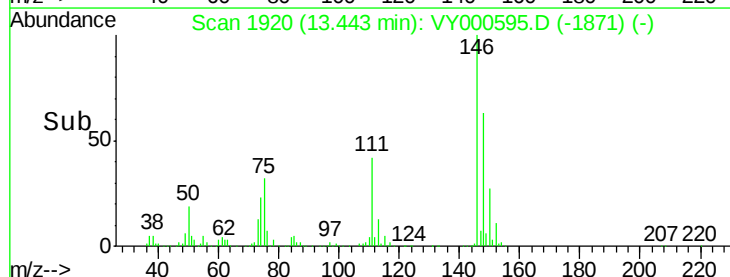
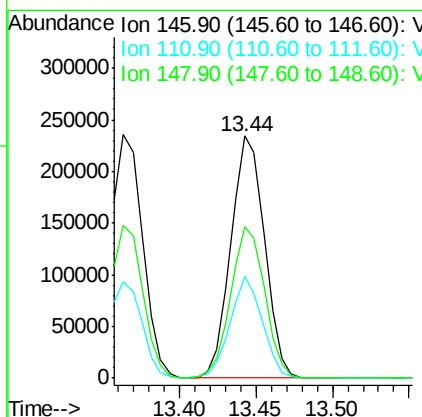
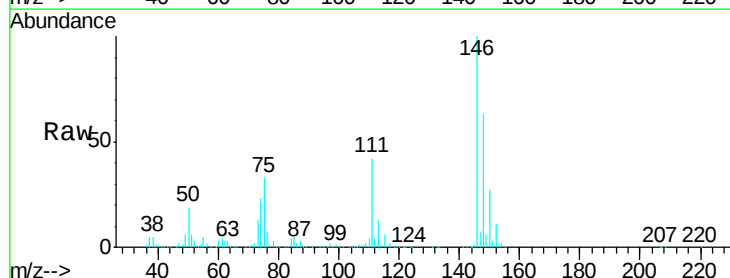
RT: 13.44 min Scan# 1920

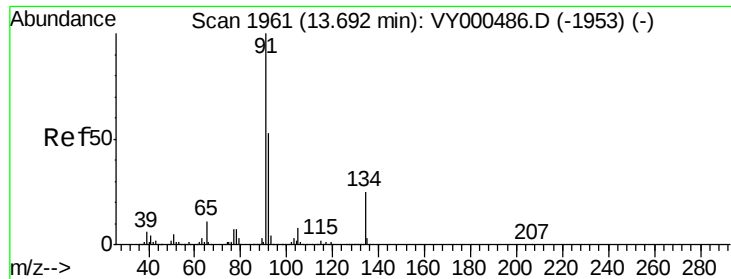
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	146	Resp:	357376
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.7	59.0
148	63.1	31.9	95.7





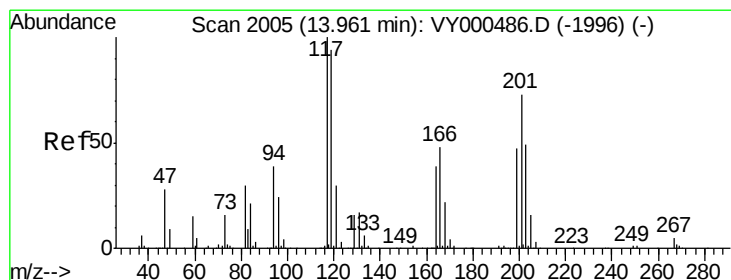
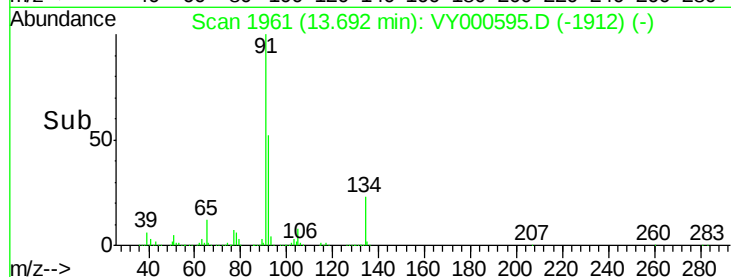
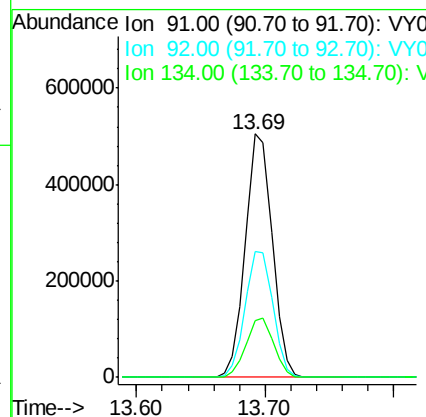
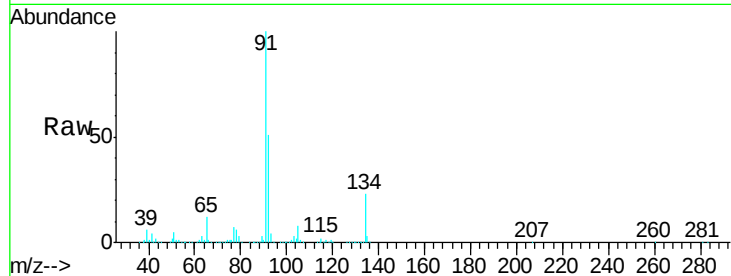
#89
n-Butylbenzene
Concen: 54.523 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	25.0	12.9	38.7

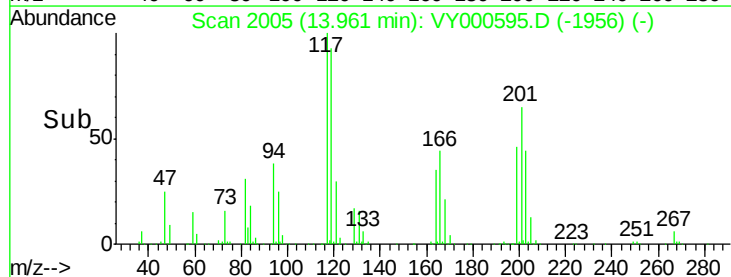
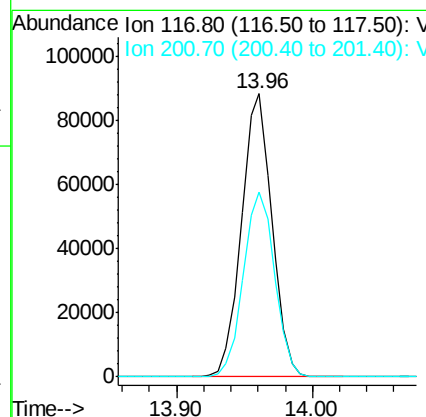
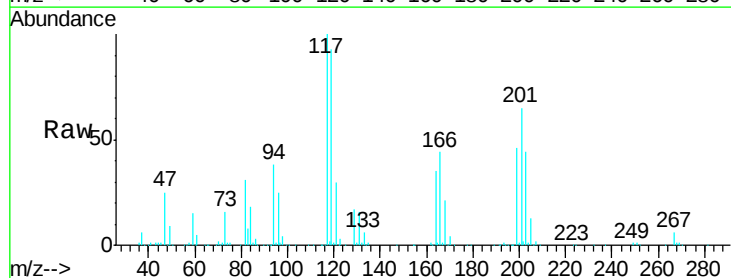
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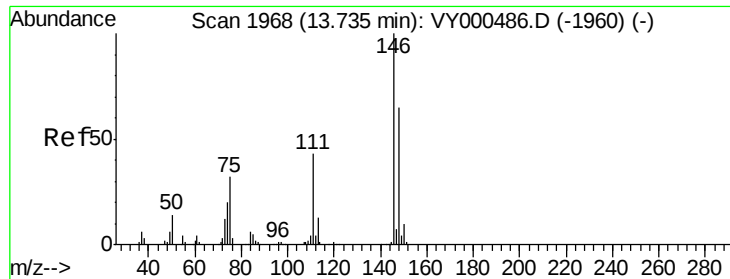
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#90
Hexachloroethane
Concen: 55.019 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	35.8	107.3





#91

1,2-Dichlorobenzene

Concen: 54.404 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

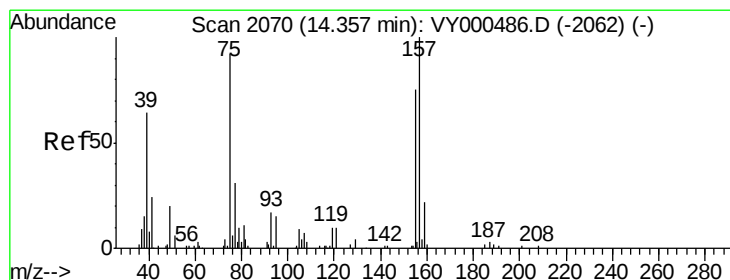
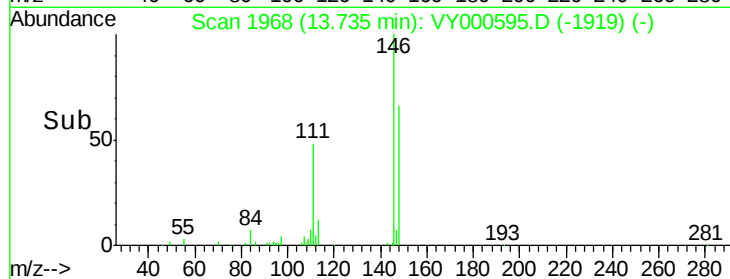
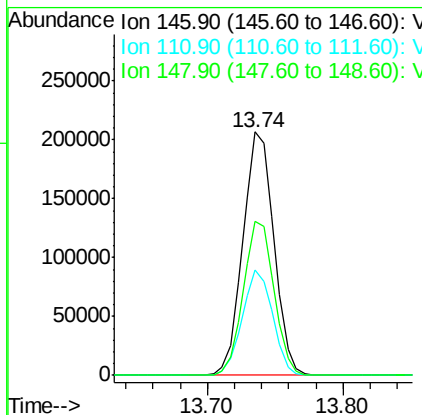
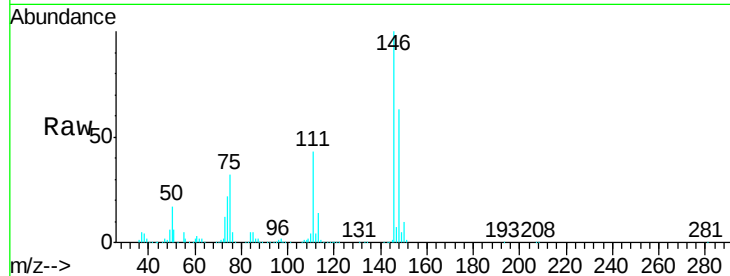
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	329503
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.5	61.5
148	62.9	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 60.344 ug/l

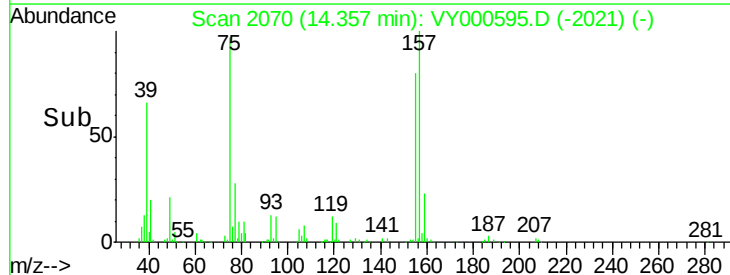
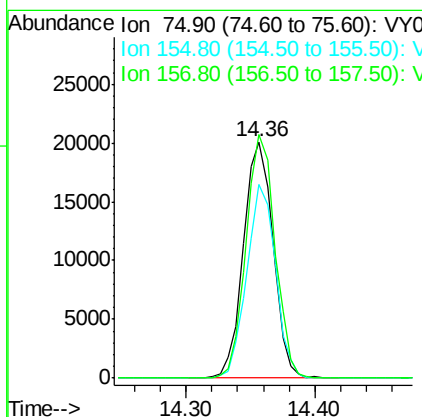
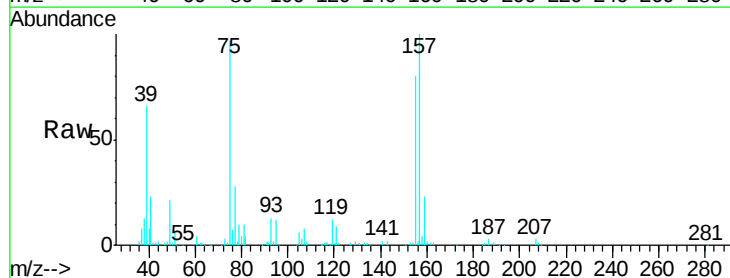
RT: 14.36 min Scan# 2070

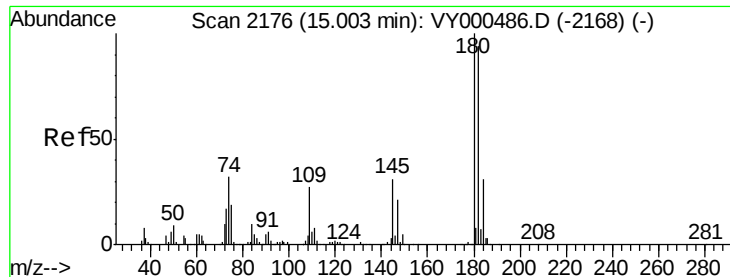
Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion:	75	Resp:	31779
Ion Ratio	Lower	Upper	
75	100		
155	79.6	42.4	127.1
157	100.6	55.1	165.3





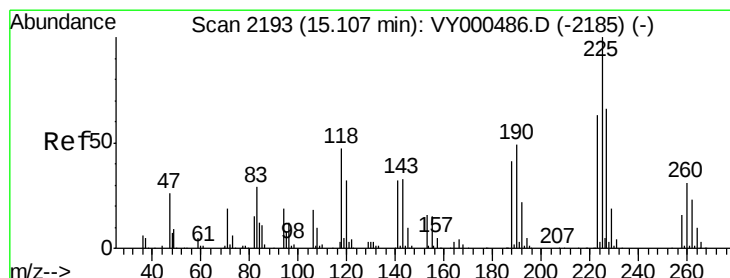
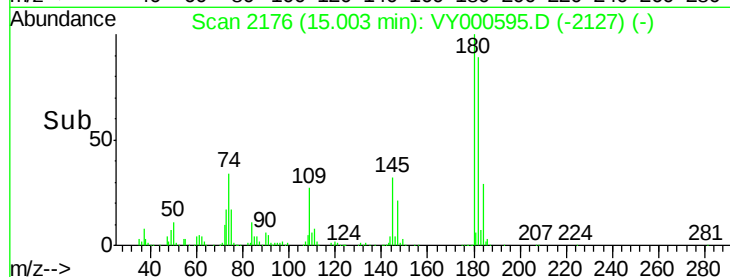
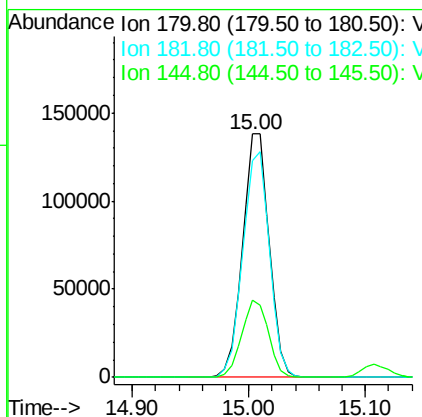
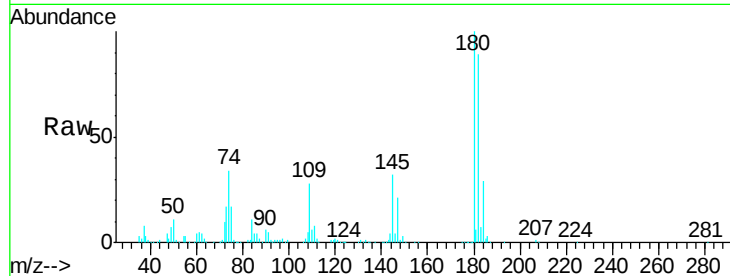
#93
 1,2,4-Trichlorobenzene
 Concen: 53.433 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220353		
182	93.1	47.8	143.4	
145	31.9	16.0	47.9	

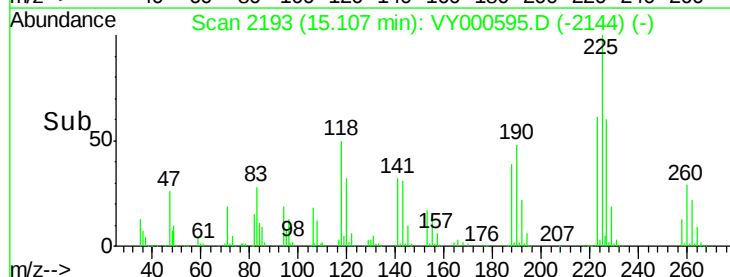
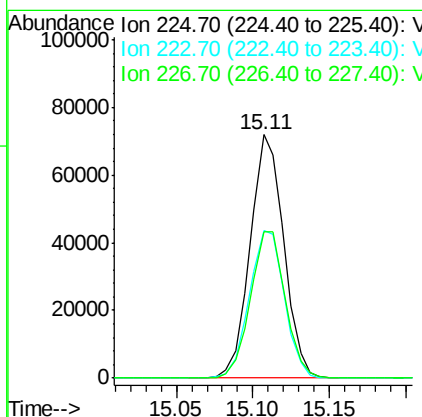
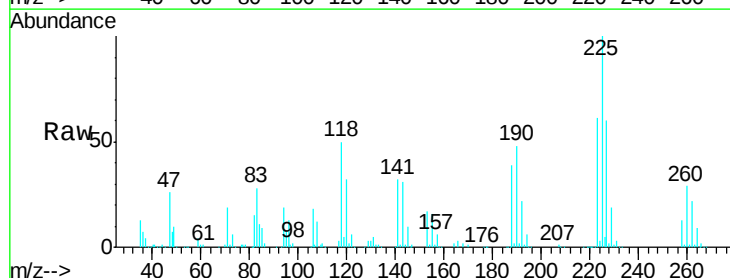
Manual Integrations
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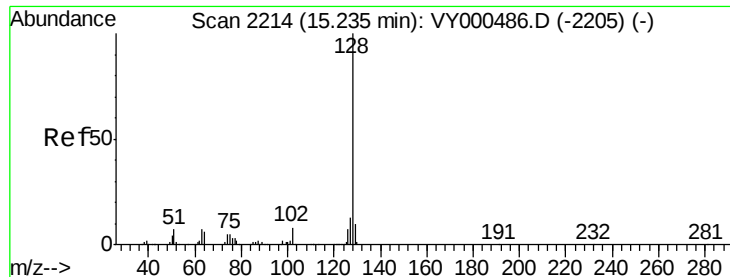
MMDadoda
 11/8/2019 4:07:11 PM



#94
 Hexachlorobutadiene
 Concen: 51.641 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109778		
223	63.2	31.3	93.8	
227	62.6	32.4	97.0	





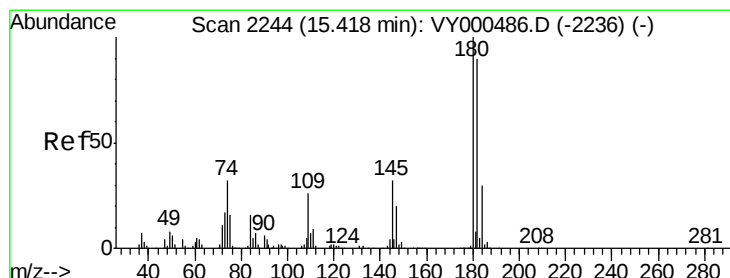
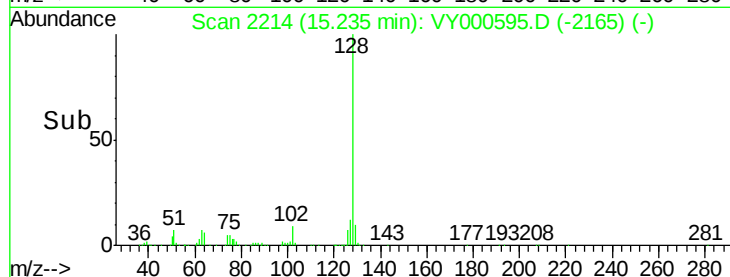
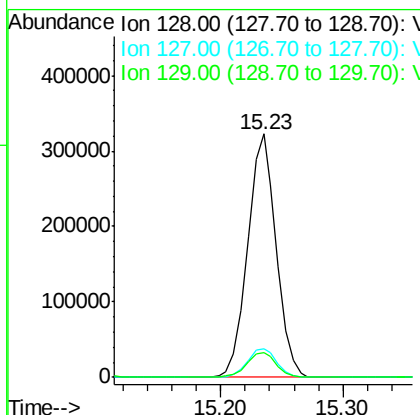
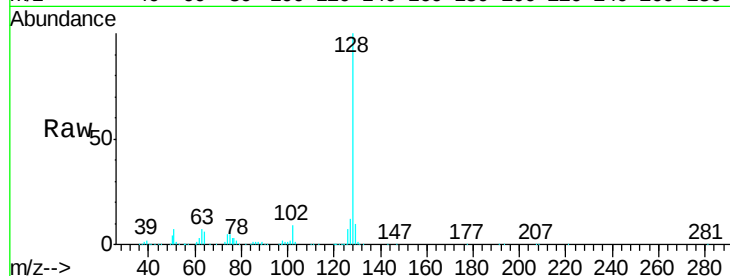
#95
Naphthalene
Concen: 56.821 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	520178		
127	12.3		9.8	14.6
129	10.6		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/8/2019 4:07:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.782 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198983		
182	94.9		47.4	142.3
145	32.7		15.7	47.0

