

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020691.D
 Acq On : 23 Dec 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122324

Quant Time: Dec 23 14:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 14:10:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	119608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	167175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	141658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	71166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50153	47.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.646	113	45548	46.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.800%
50) Toluene-d8	10.115	98	177791	49.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.414	95	59136	45.571	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	46701	50.681	ug/l	100
3) Chloromethane	2.074	50	19289	51.382	ug/l	96
4) Vinyl Chloride	2.214	62	24179	52.828	ug/l	95
5) Bromomethane	2.610	94	18251	56.471	ug/l	97
6) Chloroethane	2.751	64	14813	53.251	ug/l	99
7) Trichlorofluoromethane	3.080	101	84454	51.310	ug/l	99
8) Diethyl Ether	3.470	74	20559	52.184	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.830	101	44620	49.644	ug/l	91
10) Methyl Iodide	4.025	142	55082	53.200	ug/l	89
11) Tert butyl alcohol	4.891	59	14113	182.349	ug/l	98
12) 1,1-Dichloroethene	3.805	96	41447	51.959	ug/l	90
13) Acrolein	3.671	56	3620	198.420	ug/l	96
14) Allyl chloride	4.403	41	49792	53.230	ug/l #	76
15) Acrylonitrile	5.080	53	37172	255.978	ug/l	97
16) Acetone	3.885	43	27917	230.728	ug/l	95
17) Carbon Disulfide	4.122	76	108056	54.332	ug/l	99
18) Methyl Acetate	4.403	43	16309	52.099	ug/l #	84
19) Methyl tert-butyl Ether	5.134	73	113195	52.169	ug/l #	90
20) Methylene Chloride	4.641	84	41675	51.688	ug/l	87
21) trans-1,2-Dichloroethene	5.134	96	45012	52.333	ug/l	86
22) Diisopropyl ether	6.037	45	100906	52.766	ug/l #	87
23) Vinyl Acetate	5.982	43	301455	266.212	ug/l #	89
24) 1,1-Dichloroethane	5.933	63	74382	52.176	ug/l	96
25) 2-Butanone	6.915	43	40567	238.673	ug/l #	81
26) 2,2-Dichloropropane	6.902	77	87787	49.220	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	53548	52.271	ug/l	91
28) Bromochloromethane	7.262	49	22519	52.907	ug/l #	52
29) Tetrahydrofuran	7.274	42	24969	249.938	ug/l #	72
30) Chloroform	7.433	83	93391	49.838	ug/l	93
31) Cyclohexane	7.719	56	59687	47.751	ug/l #	79
32) 1,1,1-Trichloroethane	7.634	97	98779	50.458	ug/l	97
36) 1,1-Dichloropropene	7.853	75	61494	51.538	ug/l	95
37) Ethyl Acetate	7.000	43	20148	51.669	ug/l #	92
38) Carbon Tetrachloride	7.835	117	98743	51.140	ug/l	97
39) Methylcyclohexane	9.121	83	78636	51.850	ug/l	87
40) Benzene	8.091	78	180937	52.566	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	10841	49.072	ug/l #	83
42) 1,2-Dichloroethane	8.170	62	55938	51.098	ug/l	100
43) Isopropyl Acetate	8.207	43	42503	52.443	ug/l #	85
44) Trichloroethene	8.878	130	51562	50.474	ug/l	87
45) 1,2-Dichloropropane	9.152	63	36023	53.265	ug/l	99
46) Dibromomethane	9.243	93	24708	52.921	ug/l	92
47) Bromodichloromethane	9.432	83	68666	51.846	ug/l #	97
48) Methyl methacrylate	9.231	41	19879	51.742	ug/l #	81
49) 1,4-Dioxane	9.250	88	4527	926.264	ug/l #	81
51) 4-Methyl-2-Pentanone	10.005	43	101109	249.741	ug/l	93
52) Toluene	10.182	92	123390	52.641	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	62970	53.732	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	68108	52.743	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	31270	51.725	ug/l	92
56) Ethyl methacrylate	10.451	69	42125	54.626	ug/l	87
57) 1,3-Dichloropropane	10.725	76	51521	52.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	76787	266.463	ug/l #	81
59) 2-Hexanone	10.768	43	66464	257.733	ug/l	91
60) Dibromochloromethane	10.920	129	49937	51.738	ug/l	97
61) 1,2-Dibromoethane	11.024	107	29492	52.038	ug/l	100
64) Tetrachloroethene	10.658	164	48939	52.019	ug/l	98
65) Chlorobenzene	11.450	112	140132	52.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	53263	51.525	ug/l	94
67) Ethyl Benzene	11.530	91	246210	51.841	ug/l	96
68) m/p-Xylenes	11.639	106	187007	103.259	ug/l	99
69) o-Xylene	11.962	106	88867	52.237	ug/l	98
70) Styrene	11.981	104	151410	52.914	ug/l	98
71) Bromoform	12.139	173	30473	51.466	ug/l #	99
73) Isopropylbenzene	12.261	105	248637	51.364	ug/l	99
74) N-amyl acetate	12.078	43	35961	52.869	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.517	83	31507	50.579	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	47296	96.367	ug/l #	100
77) Bromobenzene	12.542	156	57012	51.722	ug/l	86
78) n-propylbenzene	12.603	91	280237	51.350	ug/l	95
79) 2-Chlorotoluene	12.688	91	159275	51.267	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	209445	52.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11129	49.292	ug/l	90
82) 4-Chlorotoluene	12.785	91	163776	51.687	ug/l	97
83) tert-Butylbenzene	13.005	119	190947	51.113	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	203948	52.000	ug/l	99
85) sec-Butylbenzene	13.182	105	260272	51.742	ug/l	96
86) p-Isopropyltoluene	13.298	119	230395	52.390	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	112990	52.766	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	109214	52.057	ug/l	99
89) n-Butylbenzene	13.627	91	195149	52.674	ug/l	97
90) Hexachloroethane	13.889	117	43638	52.306	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	95689	52.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5860	49.369	ug/l	93
93) 1,2,4-Trichlorobenzene	14.931	180	60565	55.512	ug/l	99
94) Hexachlorobutadiene	15.035	225	43075	53.025	ug/l	99
95) Naphthalene	15.157	128	97309	48.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	49317	54.067	ug/l	99

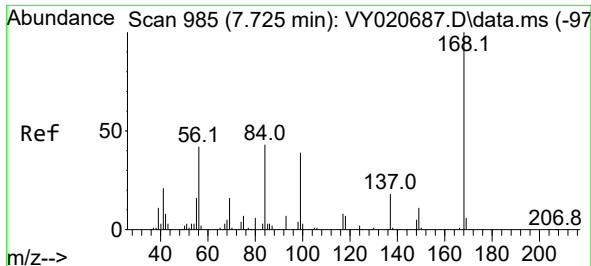
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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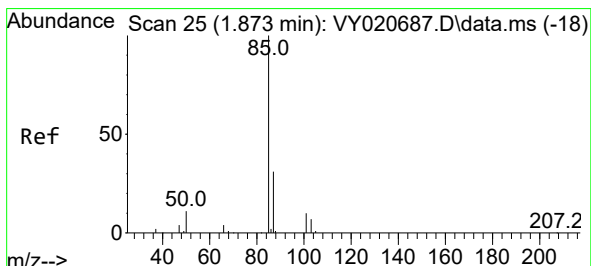
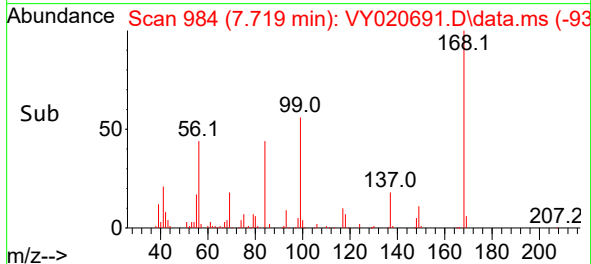
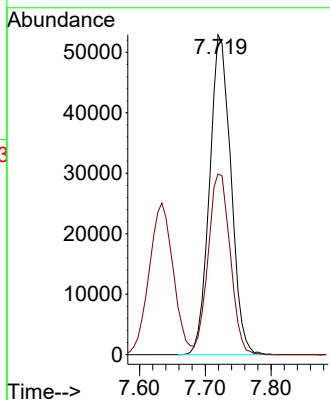
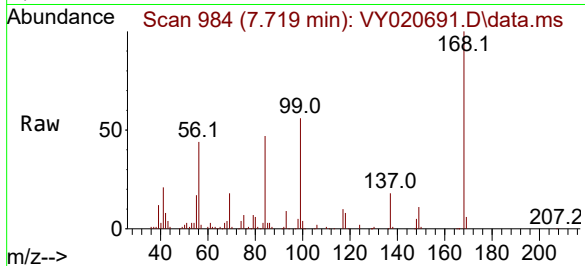
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY020691.D
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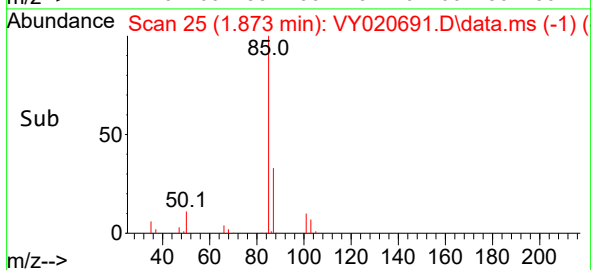
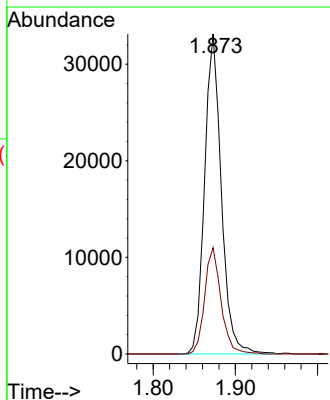
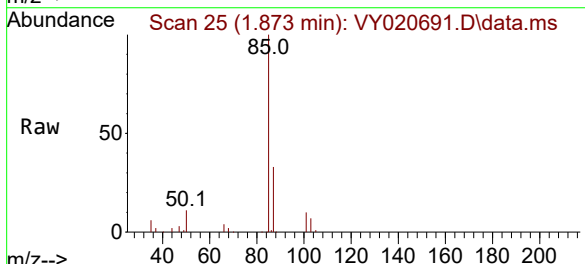
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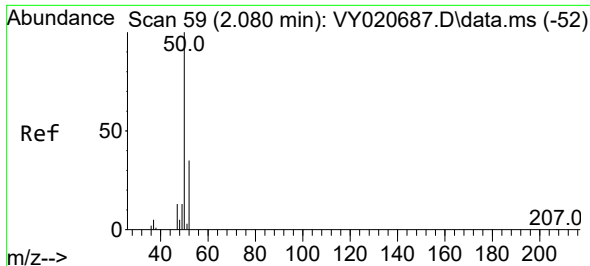
Tgt Ion:168 Resp: 119608
Ion Ratio Lower Upper
168 100
99 56.4 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 50.681 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 85 Resp: 46701
Ion Ratio Lower Upper
85 100
87 33.2 16.8 50.3

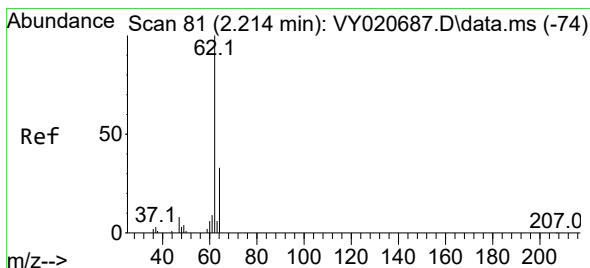
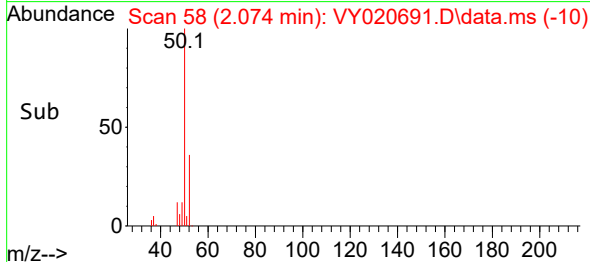
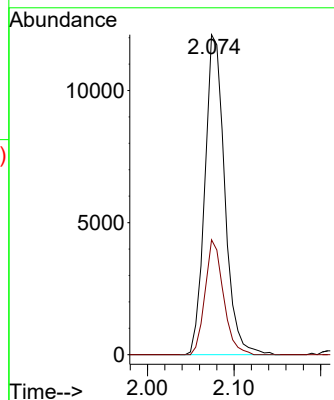
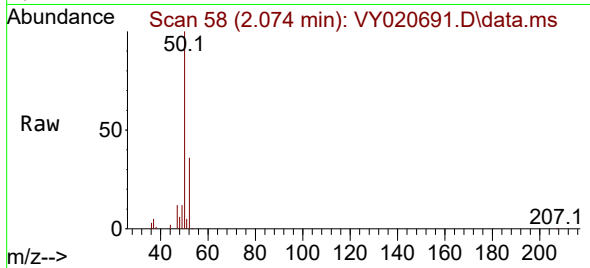




#3
Chloromethane
Concen: 51.382 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

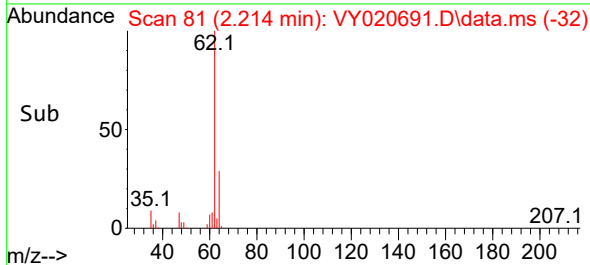
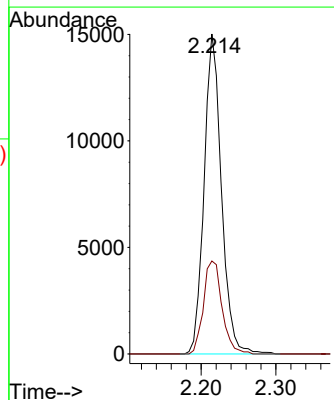
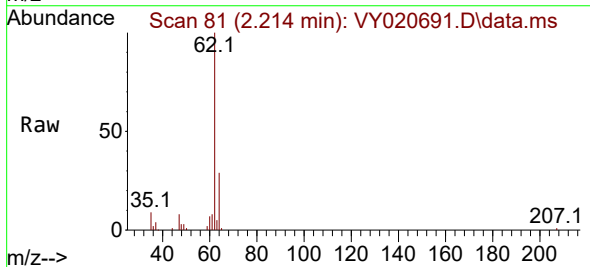
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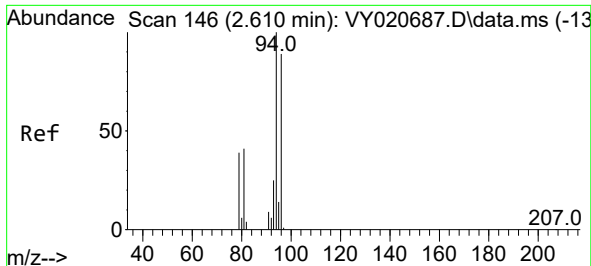
Tgt Ion: 50 Resp: 19289
Ion Ratio Lower Upper
50 100
52 35.9 26.8 40.2



#4
Vinyl Chloride
Concen: 52.828 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 62 Resp: 24179
Ion Ratio Lower Upper
62 100
64 29.0 25.3 37.9

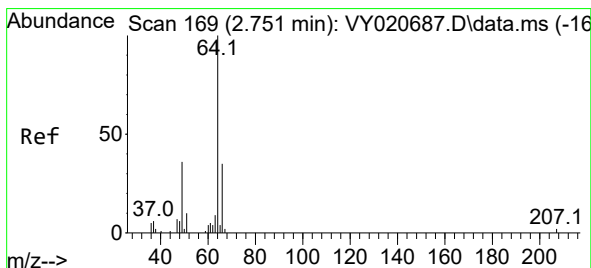
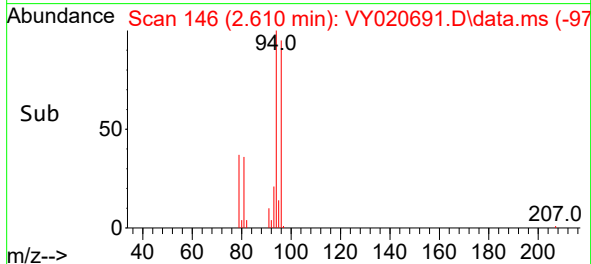
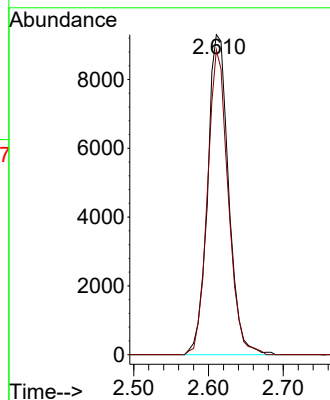
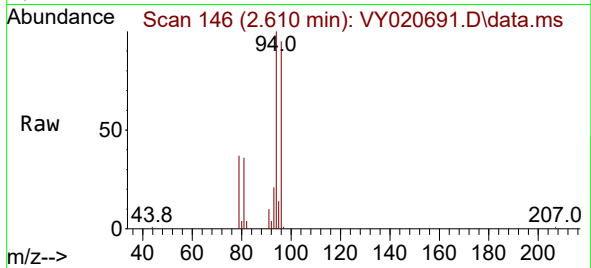




#5
Bromomethane
Concen: 56.471 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

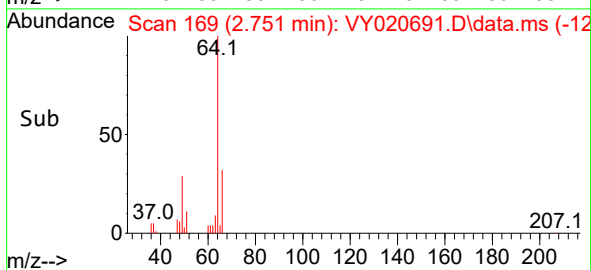
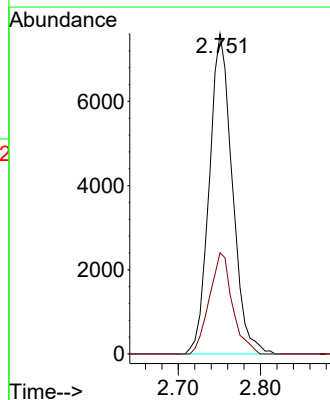
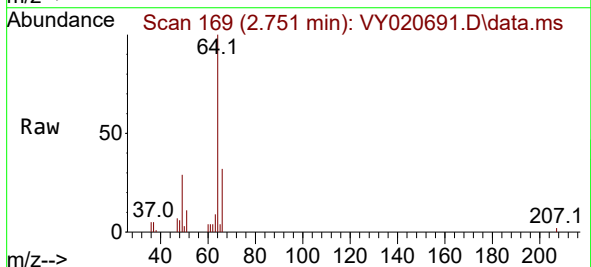
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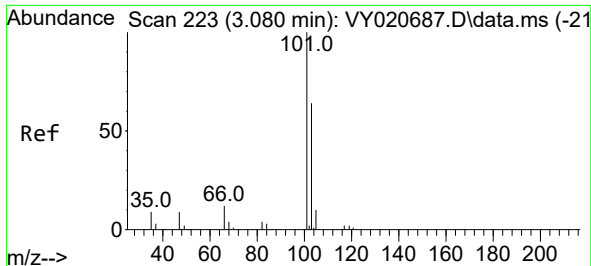
Tgt Ion: 94 Resp: 18251
Ion Ratio Lower Upper
94 100
96 95.2 73.8 110.6



#6
Chloroethane
Concen: 53.251 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 64 Resp: 14813
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.6

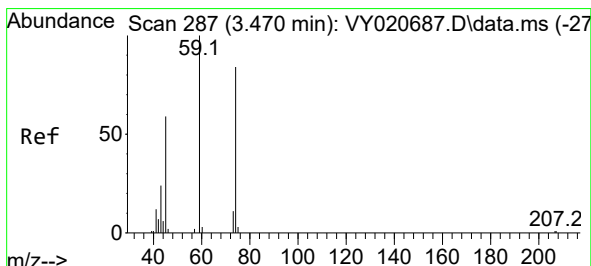
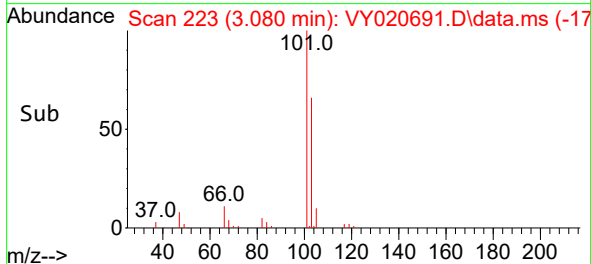
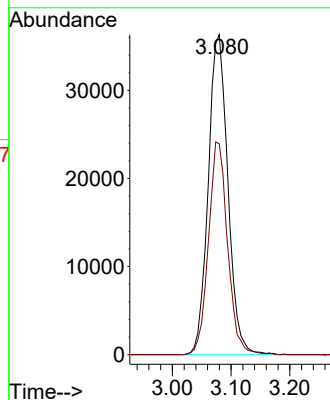
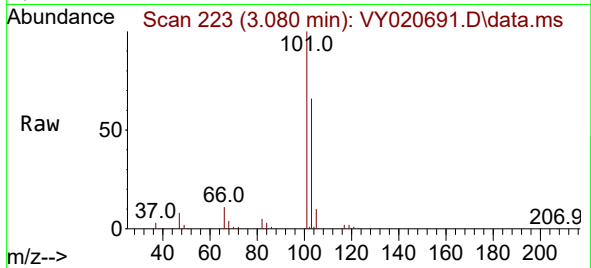




#7
Trichlorofluoromethane
Concen: 51.310 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020691.D
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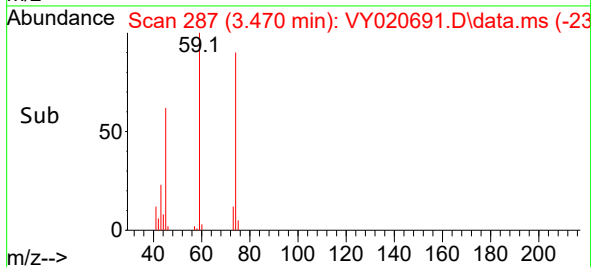
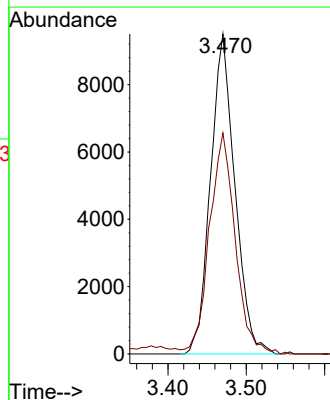
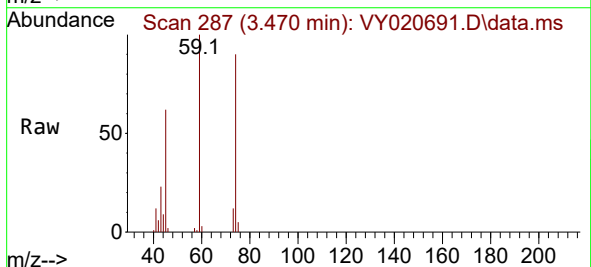
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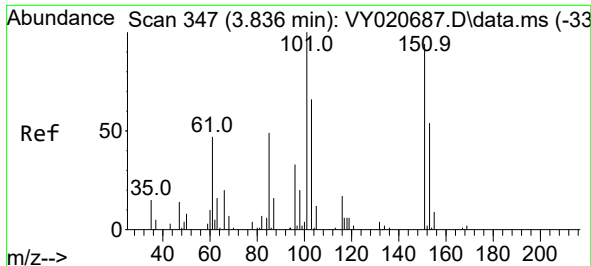
Tgt Ion:101 Resp: 84454
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.0



#8
Diethyl Ether
Concen: 52.184 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 74 Resp: 20559
Ion Ratio Lower Upper
74 100
45 73.0 49.0 147.2

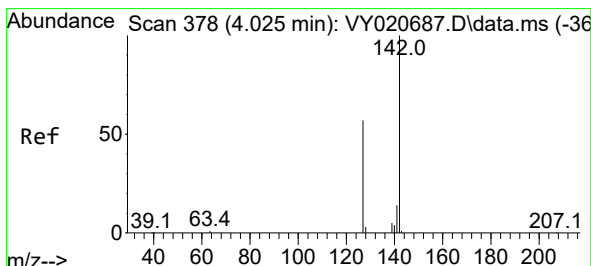
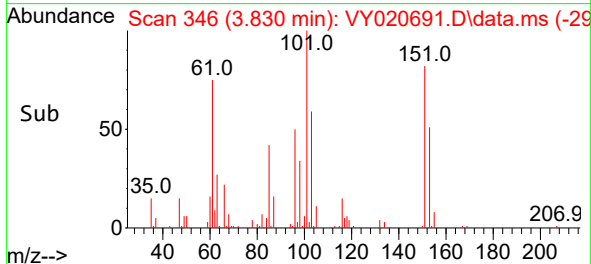
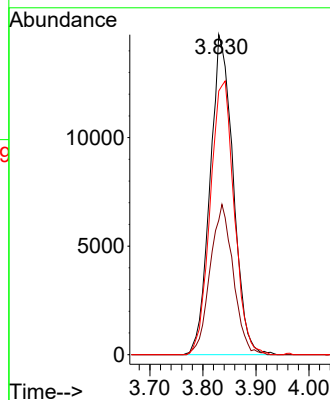
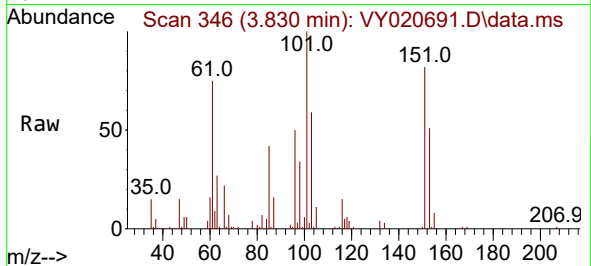




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.644 ug/l
RT: 3.830 min Scan# 34
Delta R.T. -0.006 min
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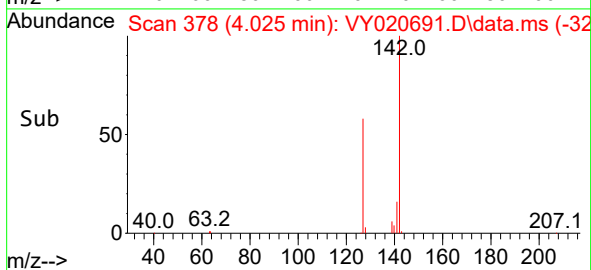
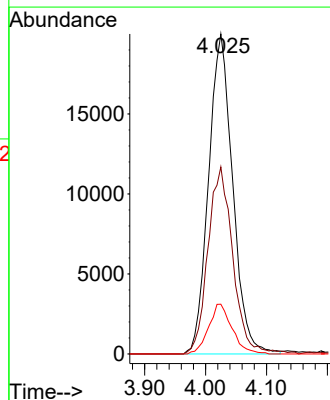
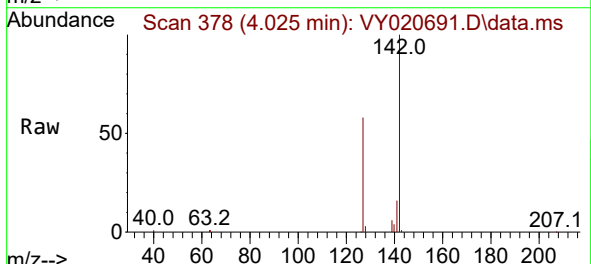
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ClientSampleId :
ICVY122324

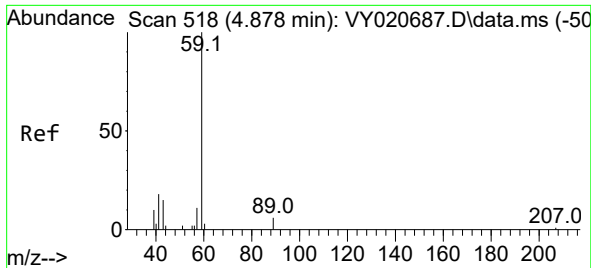
Tgt Ion:101 Resp: 44620
Ion Ratio Lower Upper
101 100
85 47.1 36.6 54.8
151 88.7 61.5 92.3



#10
Methyl Iodide
Concen: 53.200 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion:142 Resp: 55082
Ion Ratio Lower Upper
142 100
127 60.2 40.6 61.0
141 15.1 11.7 17.5

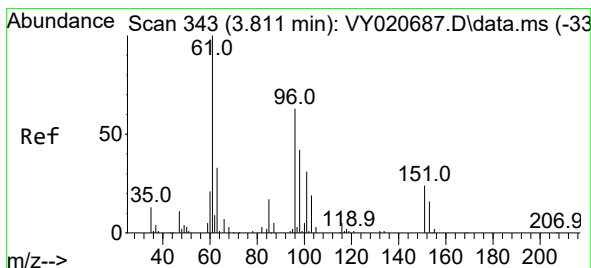
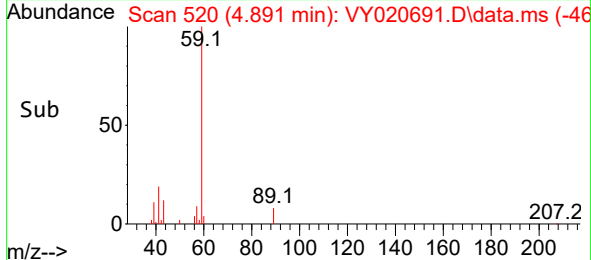
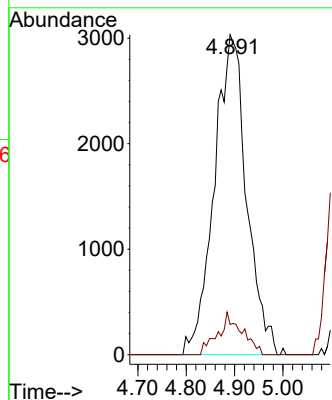
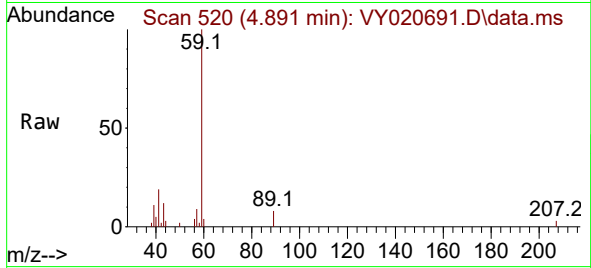




#11
Tert butyl alcohol
Concen: 182.349 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

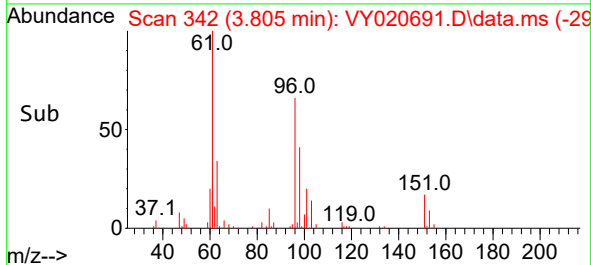
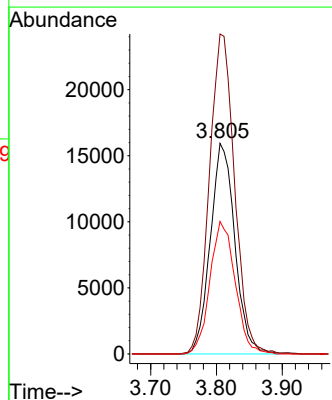
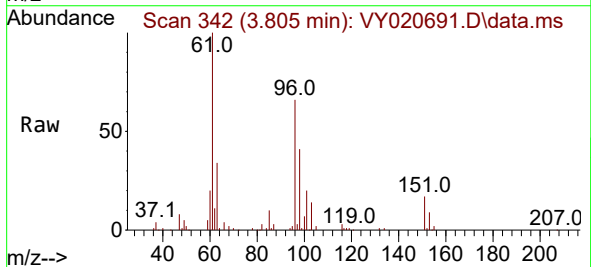
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

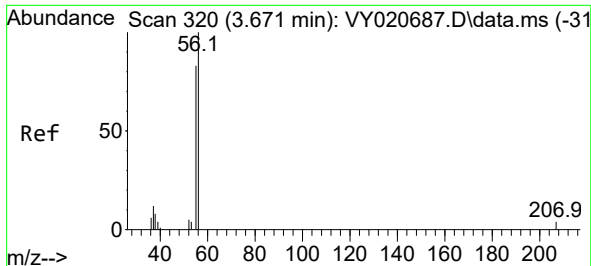
Tgt Ion: 59 Resp: 14113
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.959 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 96 Resp: 41447
Ion Ratio Lower Upper
96 100
61 151.9 136.9 205.3
98 62.9 50.2 75.4

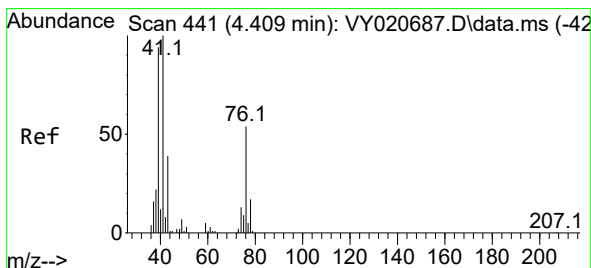
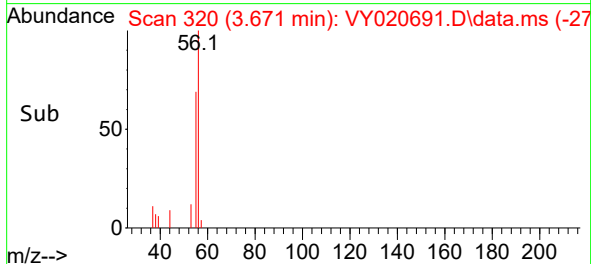
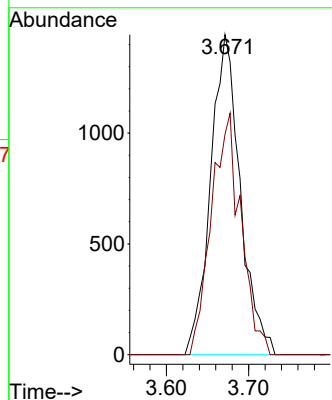
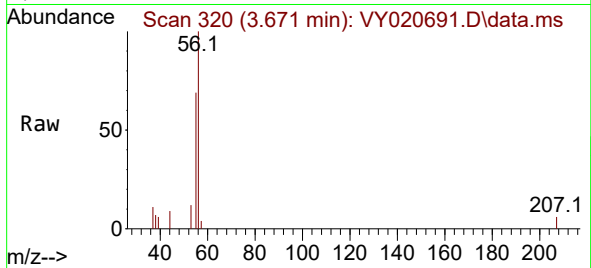




#13
Acrolein
Concen: 198.420 ug/l
RT: 3.671 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

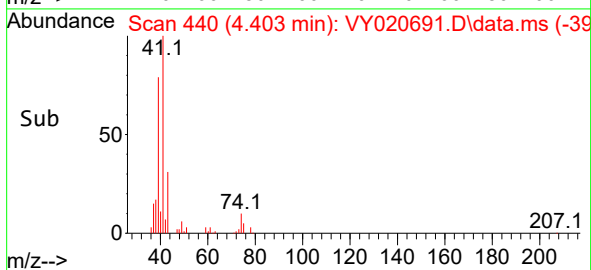
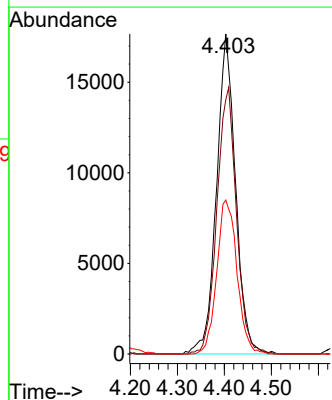
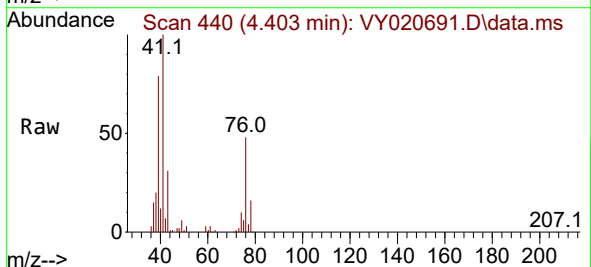
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

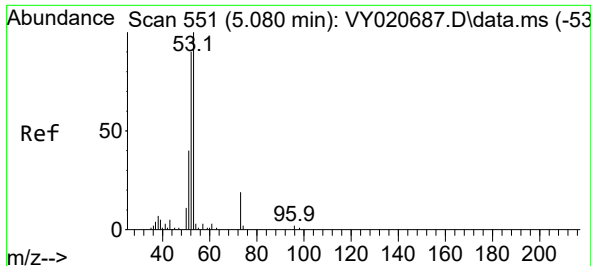
Tgt Ion: 56 Resp: 3620
Ion Ratio Lower Upper
56 100
55 75.5 57.5 86.3



#14
Allyl chloride
Concen: 53.230 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 41 Resp: 49792
Ion Ratio Lower Upper
41 100
39 85.6 53.0 79.4#
76 51.1 29.5 44.3#





#15

Acrylonitrile

Concen: 255.978 ug/l

RT: 5.080 min Scan# 551

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

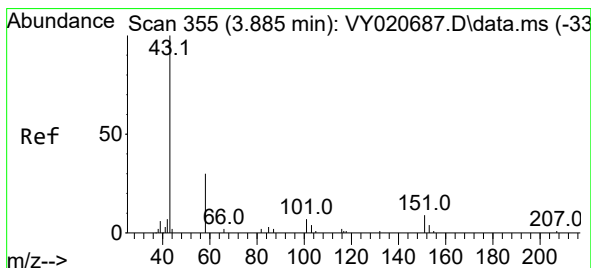
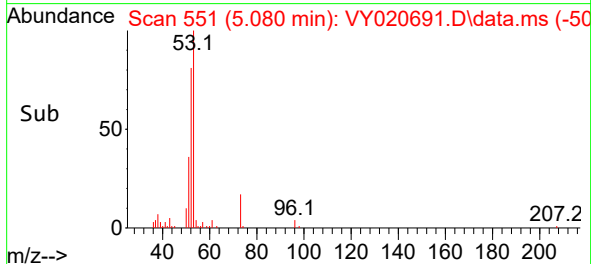
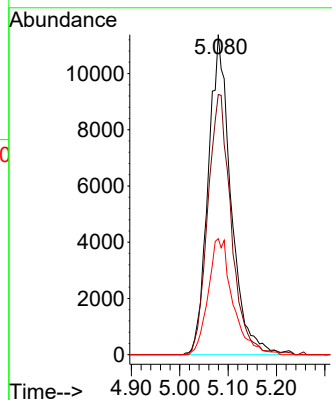
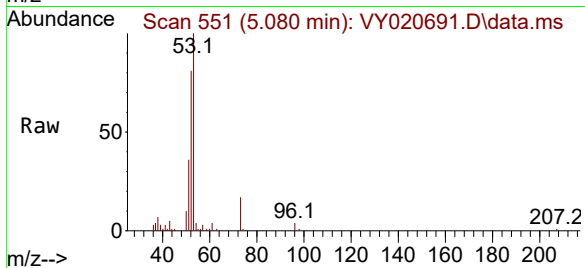
Tgt Ion: 53 Resp: 37172

Ion Ratio Lower Upper

53 100

52 83.2 64.5 96.7

51 39.3 29.4 44.0



#16

Acetone

Concen: 230.728 ug/l

RT: 3.885 min Scan# 355

Delta R.T. -0.000 min

Lab File: VY020691.D

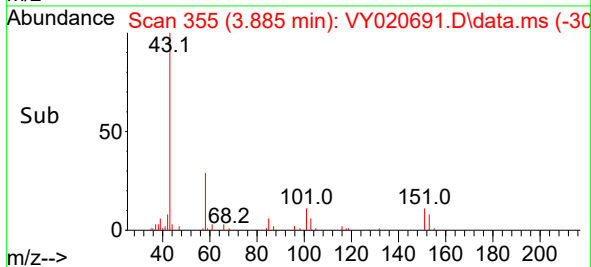
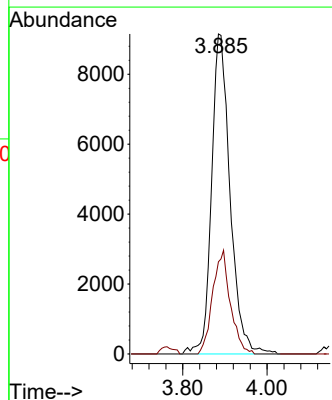
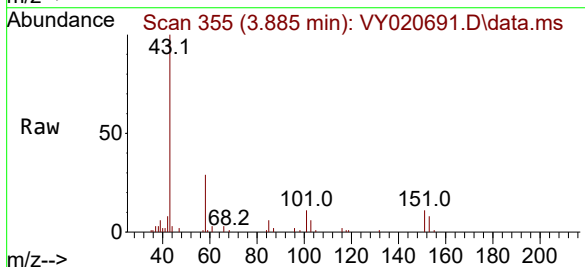
Acq: 23 Dec 2024 14:17

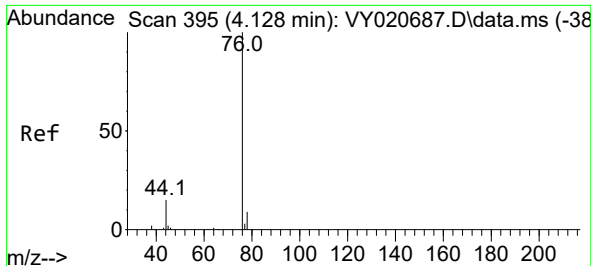
Tgt Ion: 43 Resp: 27917

Ion Ratio Lower Upper

43 100

58 28.8 25.0 37.6

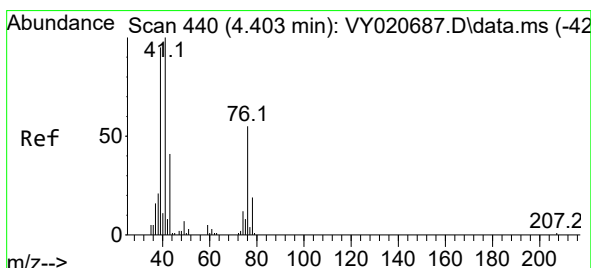
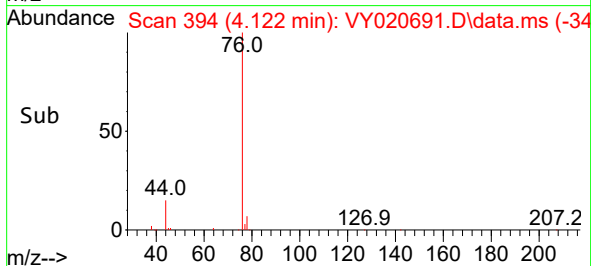
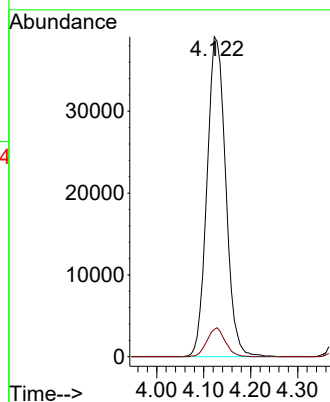
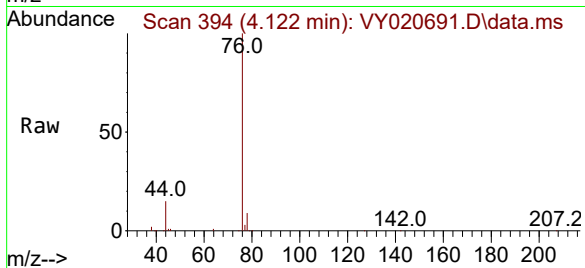




#17
Carbon Disulfide
Concen: 54.332 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

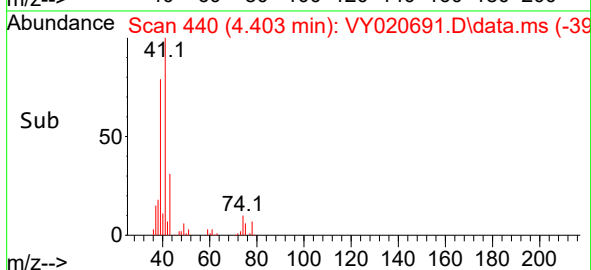
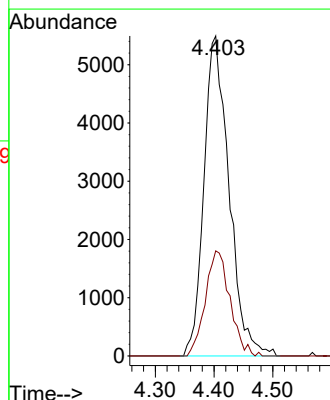
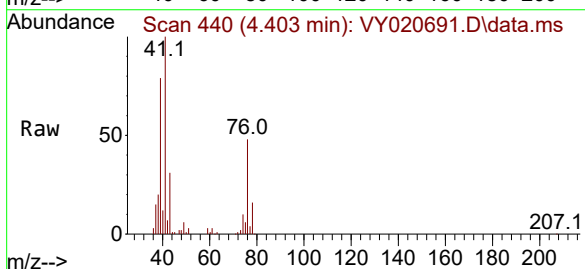
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

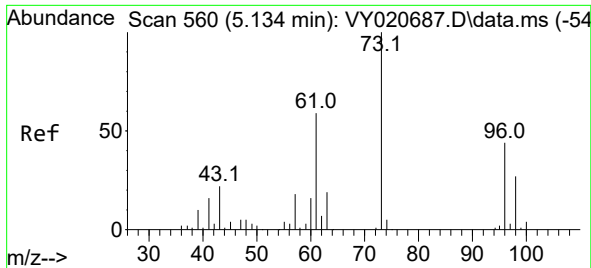
Tgt Ion: 76 Resp: 108056
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 52.099 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 43 Resp: 16309
Ion Ratio Lower Upper
43 100
74 32.0 19.2 28.8#

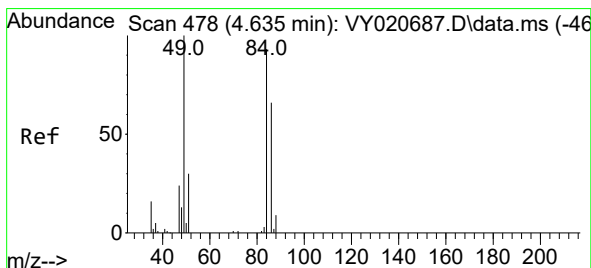
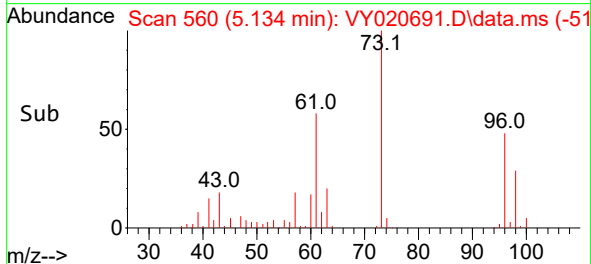
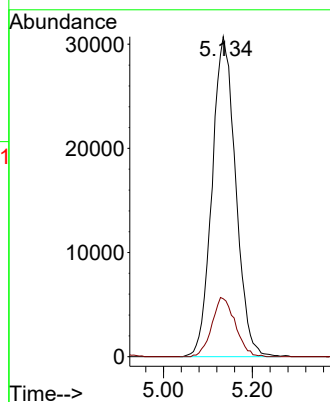
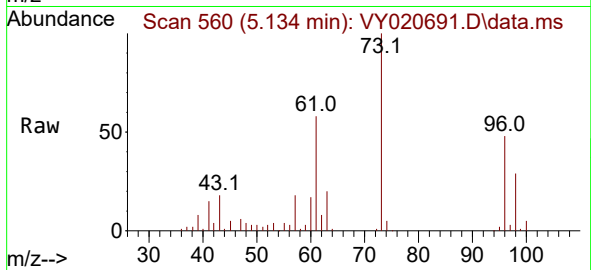




#19
Methyl tert-butyl Ether
Concen: 52.169 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

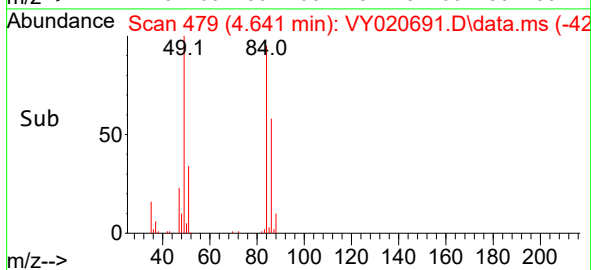
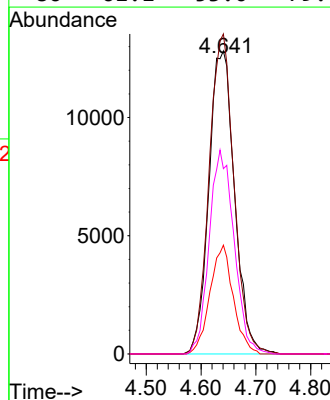
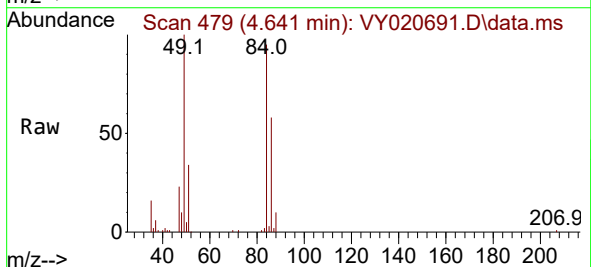
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

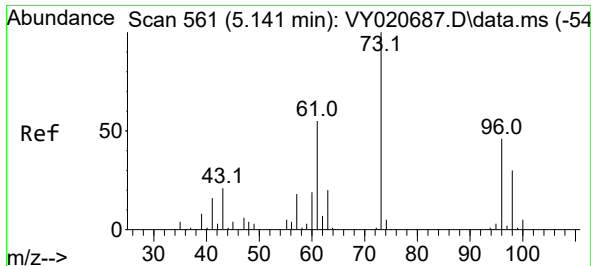
Tgt Ion: 73 Resp: 113195
Ion Ratio Lower Upper
73 100
57 18.1 18.5 27.7#



#20
Methylene Chloride
Concen: 51.688 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 84 Resp: 41675
Ion Ratio Lower Upper
84 100
49 105.6 100.7 151.1
51 35.9 32.2 48.2
86 61.1 53.0 79.6

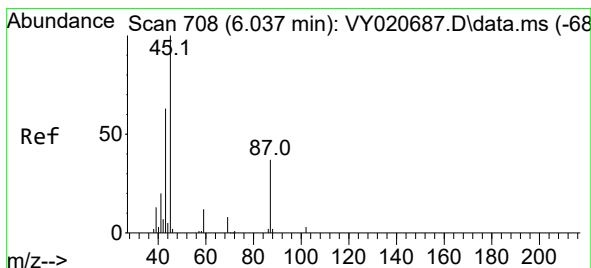
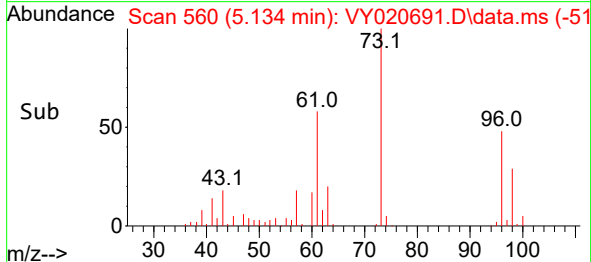
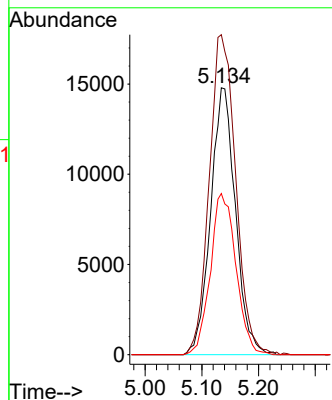
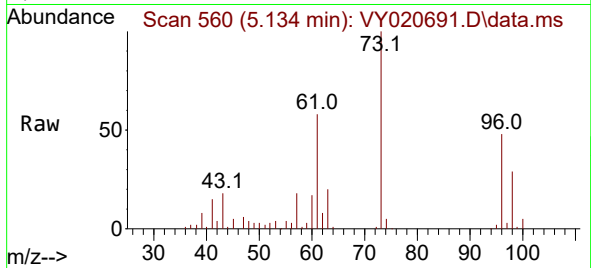




#21
trans-1,2-Dichloroethene
Concen: 52.333 ug/l
RT: 5.134 min Scan# 560
Delta R.T. -0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

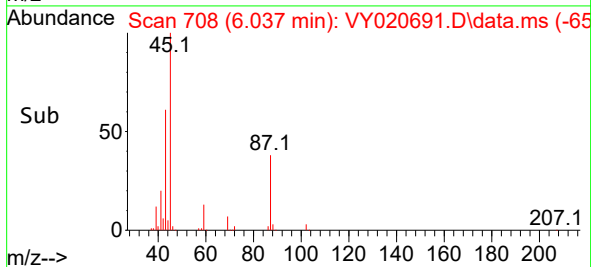
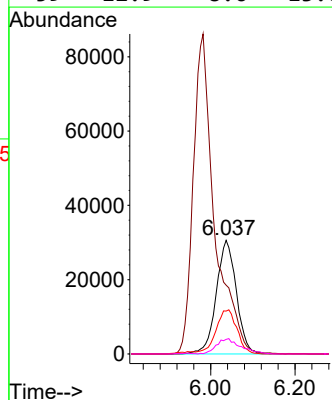
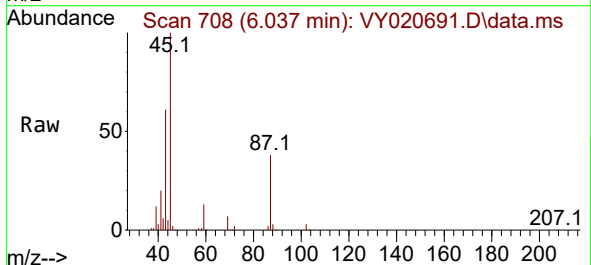
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122324

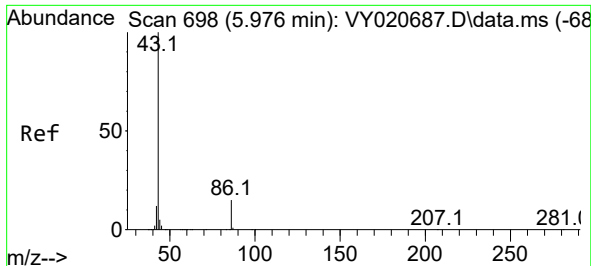
Tgt Ion: 96 Resp: 45012
Ion Ratio Lower Upper
96 100
61 119.9 113.7 170.5
98 60.4 51.7 77.5



#22
Diisopropyl ether
Concen: 52.766 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 45 Resp: 100906
Ion Ratio Lower Upper
45 100
43 60.2 42.6 64.0
87 37.7 20.6 31.0#
59 12.9 8.6 13.0

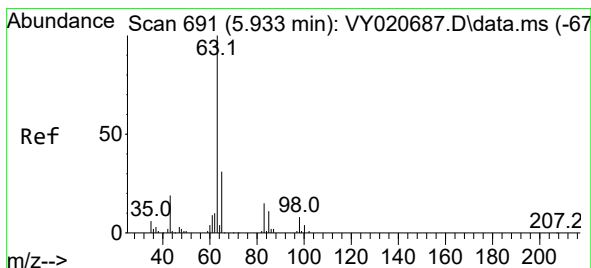
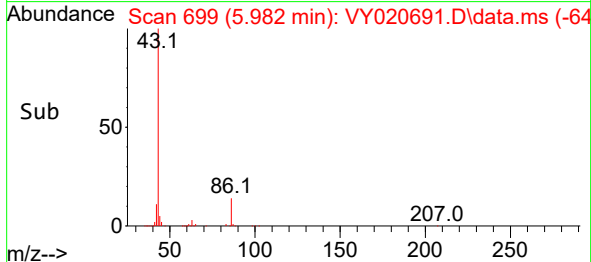
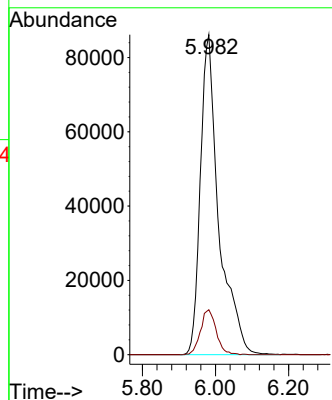
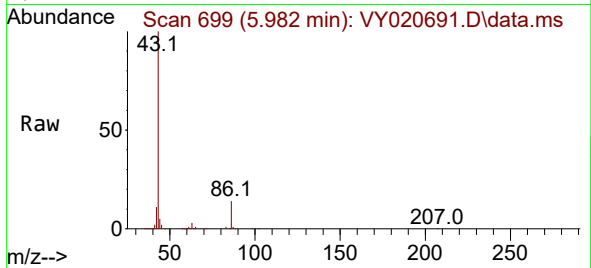




#23
Vinyl Acetate
Concen: 266.212 ug/l
RT: 5.982 min Scan# 698
Delta R.T. 0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

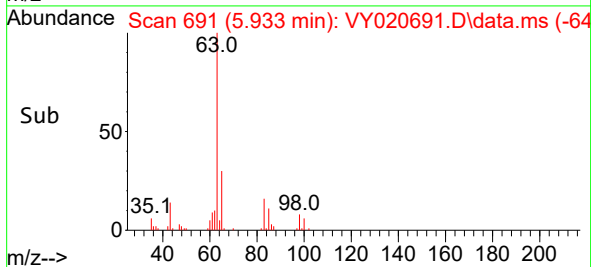
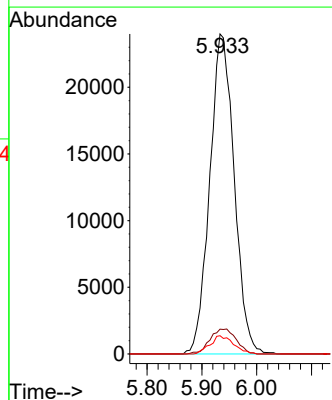
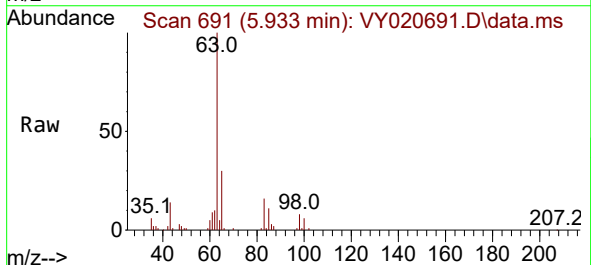
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122324

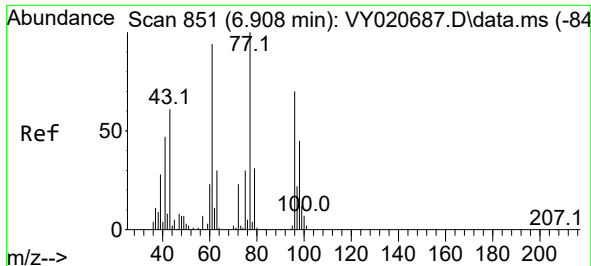
Tgt Ion: 43 Resp: 301455
Ion Ratio Lower Upper
43 100
86 14.0 8.1 12.1#



#24
1,1-Dichloroethane
Concen: 52.176 ug/l
RT: 5.933 min Scan# 691
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 63 Resp: 74382
Ion Ratio Lower Upper
63 100
98 7.8 3.4 10.1
100 5.7 2.1 6.5





#25

2-Butanone

Concen: 238.673 ug/l

RT: 6.915 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

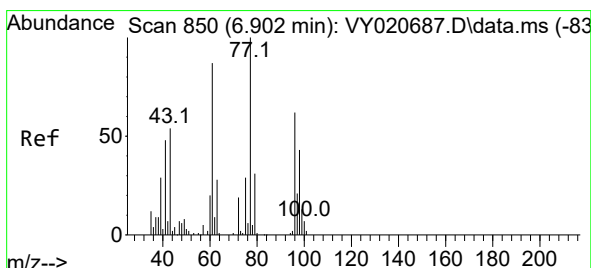
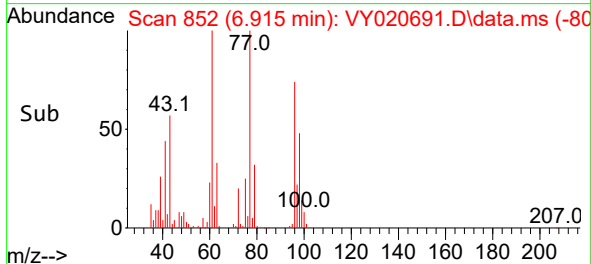
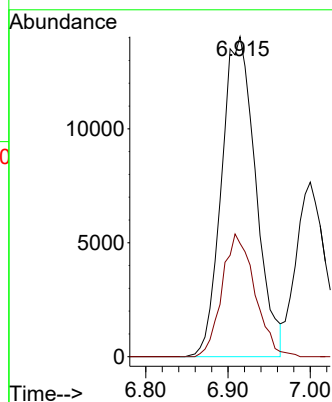
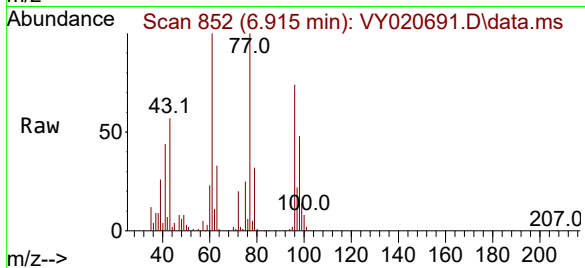
ICVVY122324

Tgt Ion: 43 Resp: 40567

Ion Ratio Lower Upper

43 100

72 35.4 20.6 31.0#



#26

2,2-Dichloropropane

Concen: 49.220 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020691.D

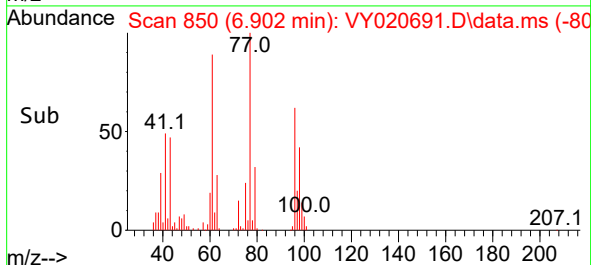
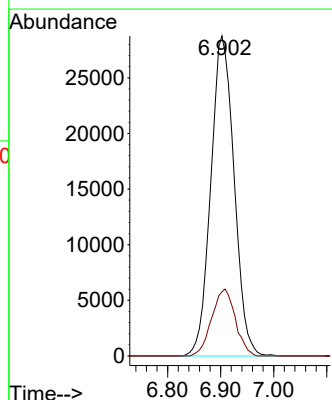
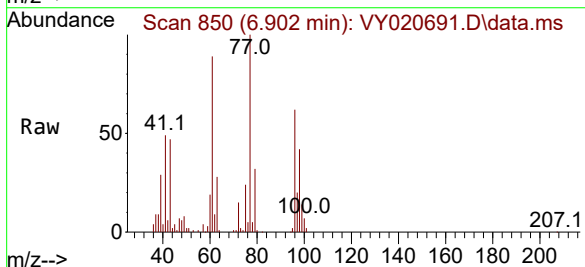
Acq: 23 Dec 2024 14:17

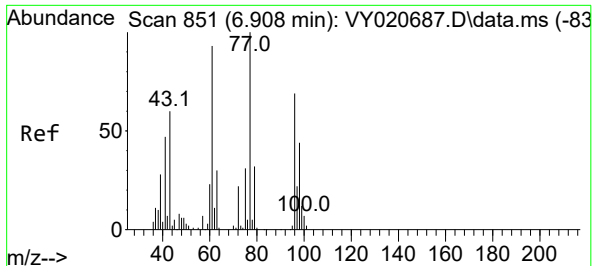
Tgt Ion: 77 Resp: 87787

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 52.271 ug/l

RT: 6.908 min Scan# 851

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

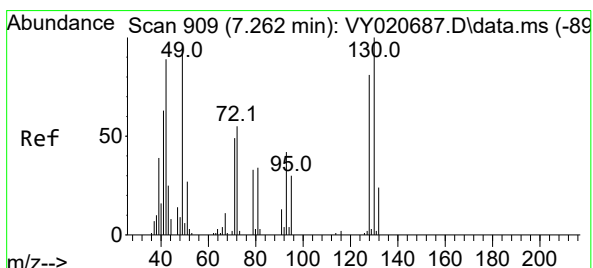
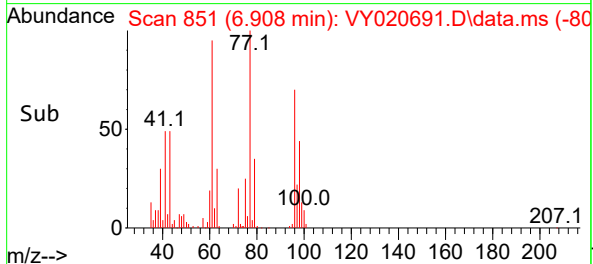
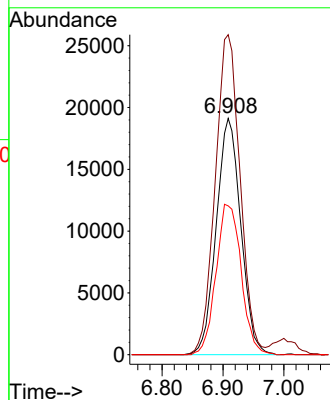
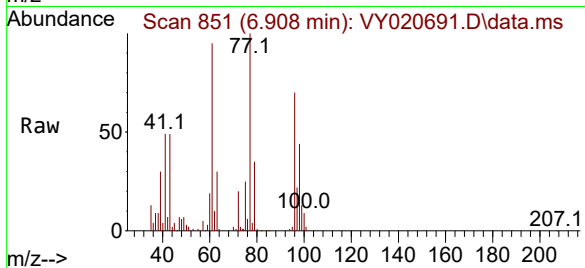
Tgt Ion: 96 Resp: 53548

Ion Ratio Lower Upper

96 100

61 137.3 0.0 306.2

98 65.2 0.0 127.2



#28

Bromochloromethane

Concen: 52.907 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

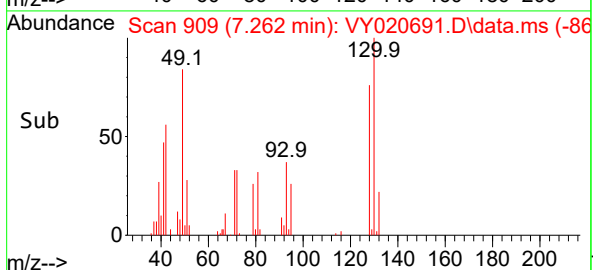
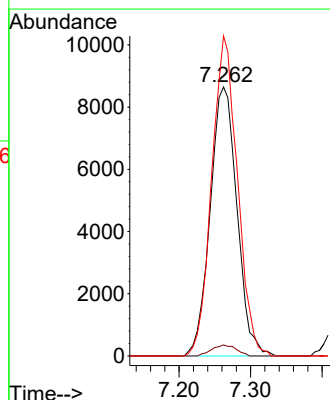
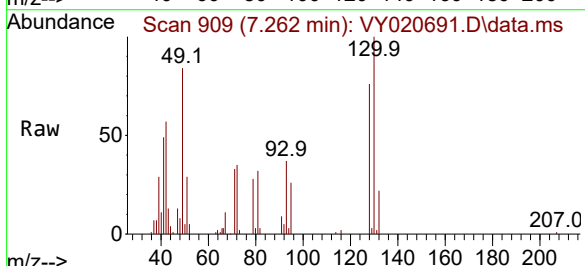
Tgt Ion: 49 Resp: 22519

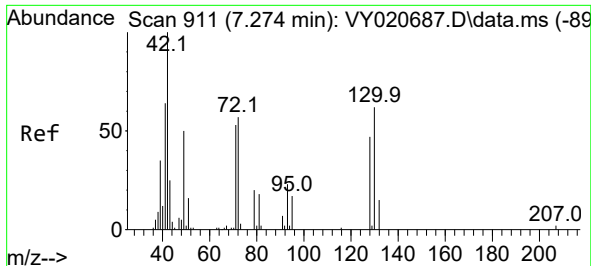
Ion Ratio Lower Upper

49 100

129 3.7 0.0 3.8

130 114.2 58.3 87.5#





#29

Tetrahydrofuran

Concen: 249.938 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

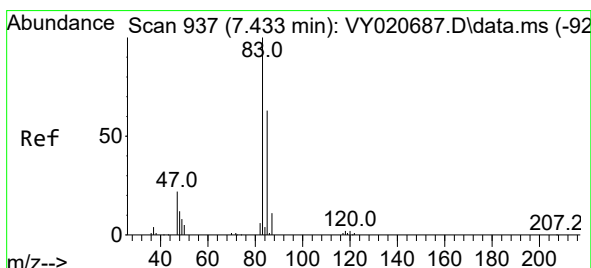
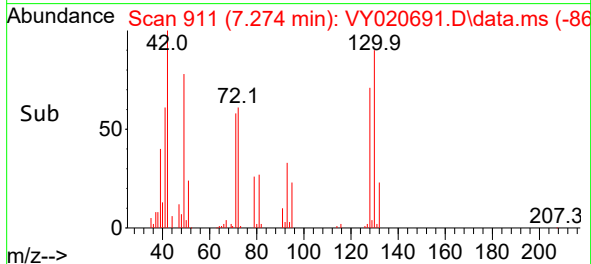
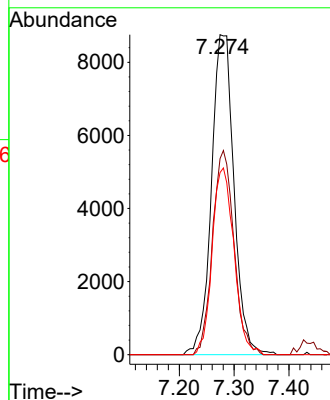
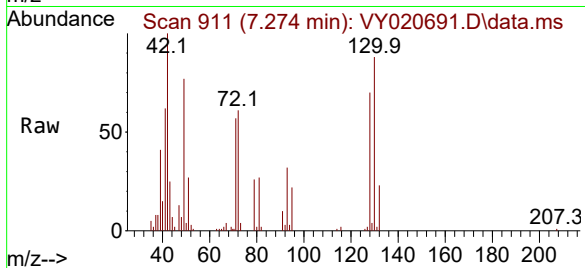
Tgt Ion: 42 Resp: 24969

Ion Ratio Lower Upper

42 100

72 60.9 34.0 51.0#

71 56.5 31.6 47.4#



#30

Chloroform

Concen: 49.838 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY020691.D

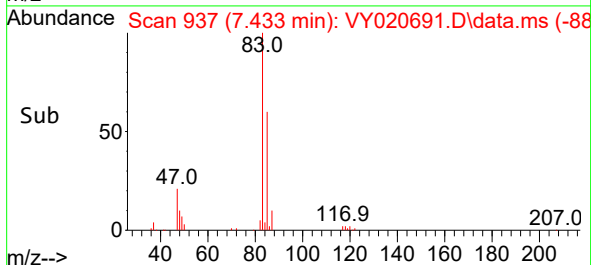
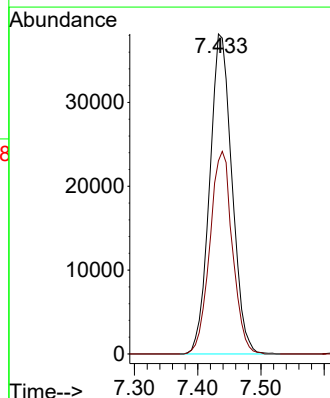
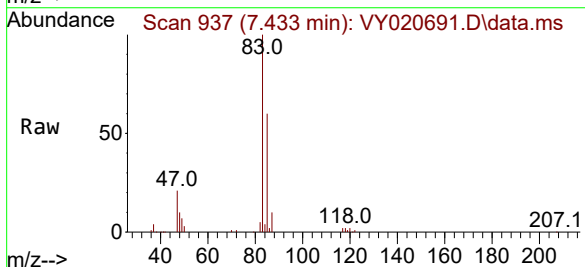
Acq: 23 Dec 2024 14:17

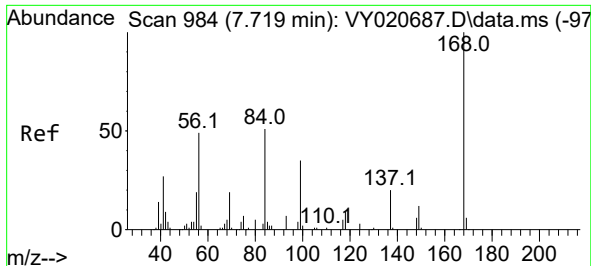
Tgt Ion: 83 Resp: 93391

Ion Ratio Lower Upper

83 100

85 60.3 52.7 79.1

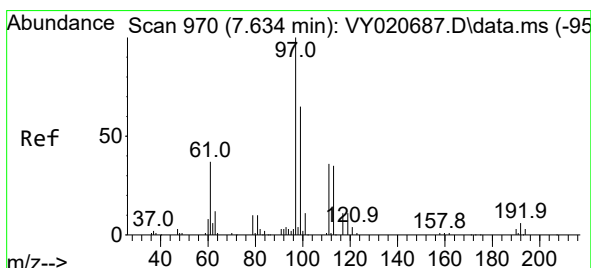
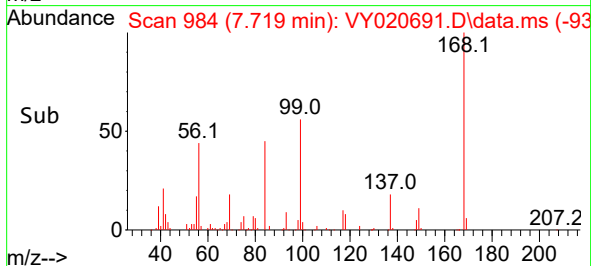
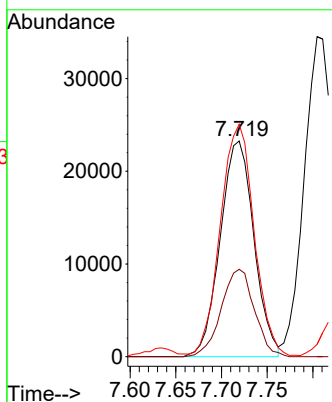
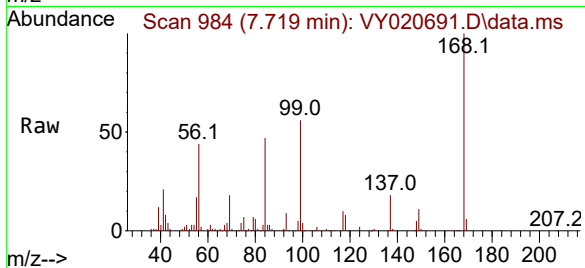




#31
Cyclohexane
Concen: 47.751 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

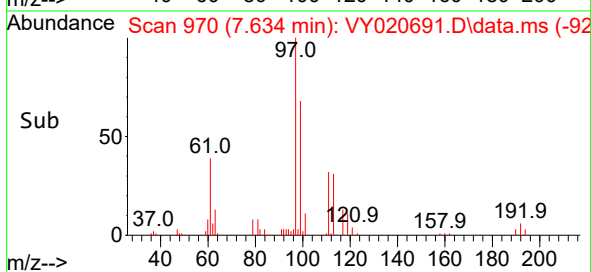
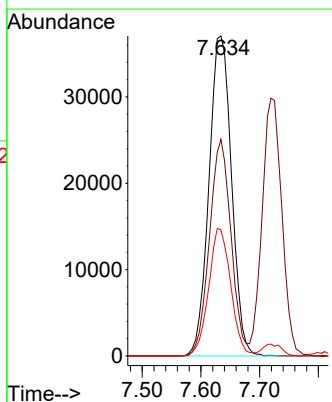
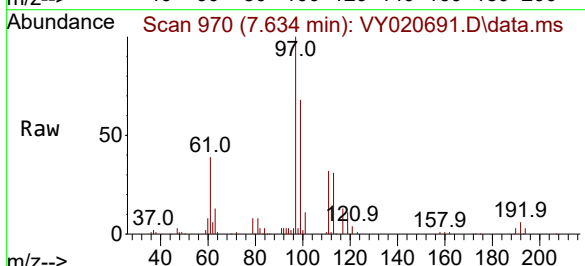
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122324

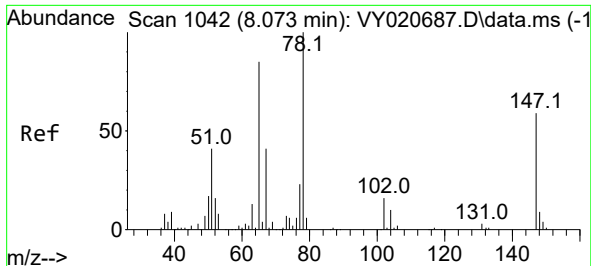
Tgt Ion: 56 Resp: 59687
Ion Ratio Lower Upper
56 100
69 40.5 25.4 38.0#
84 106.5 68.3 102.5#



#32
1,1,1-Trichloroethane
Concen: 50.458 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 97 Resp: 98779
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 39.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.345 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

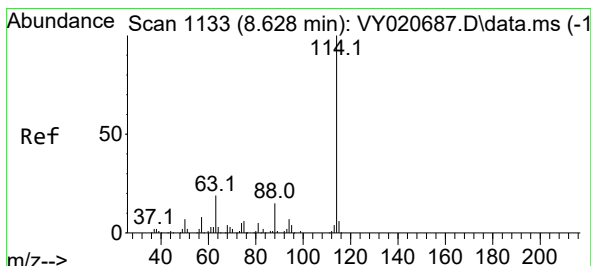
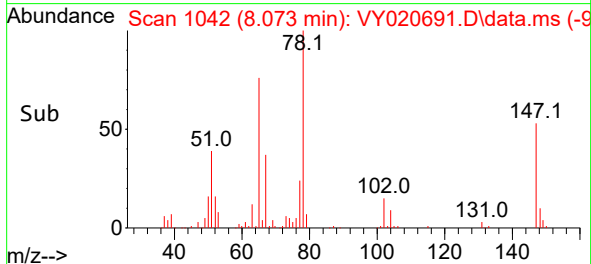
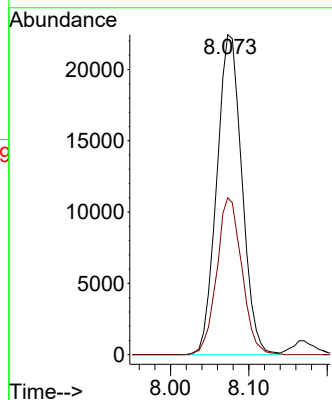
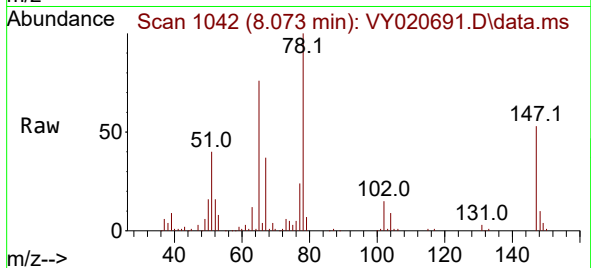
ICVVY122324

Tgt Ion: 65 Resp: 50153

Ion Ratio Lower Upper

65 100

67 48.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

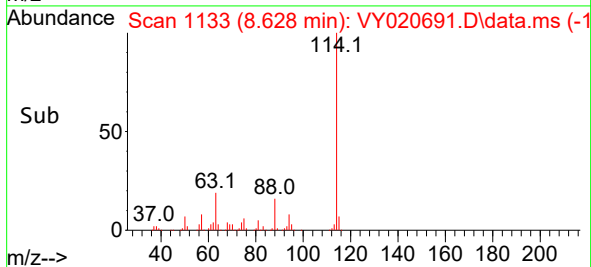
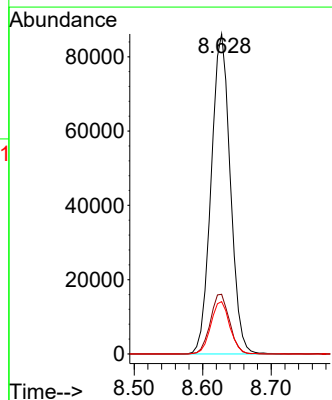
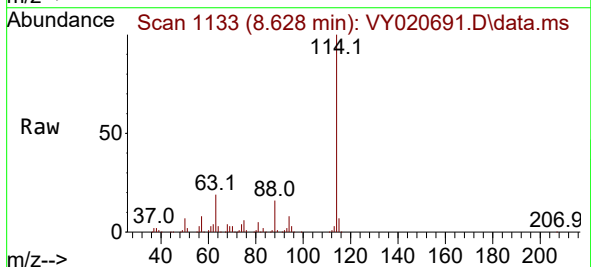
Tgt Ion: 114 Resp: 167175

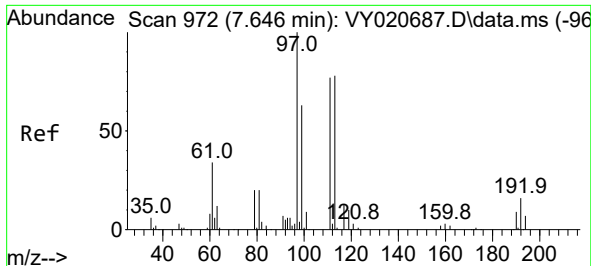
Ion Ratio Lower Upper

114 100

63 18.6 0.0 44.0

88 16.4 0.0 32.8

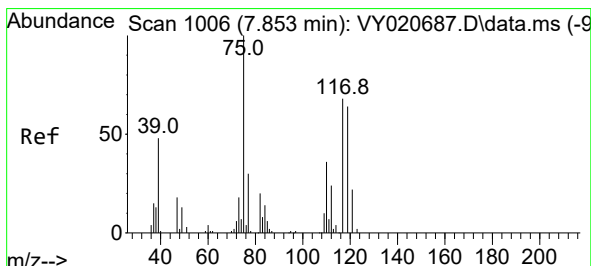
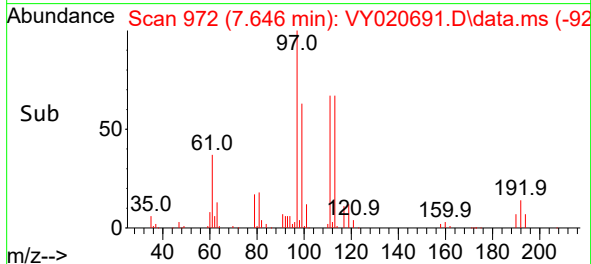
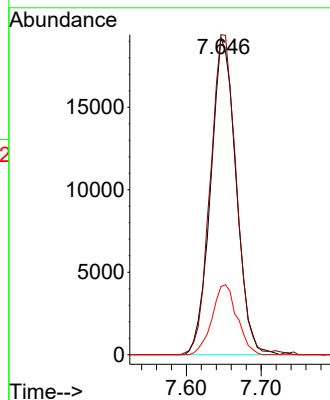
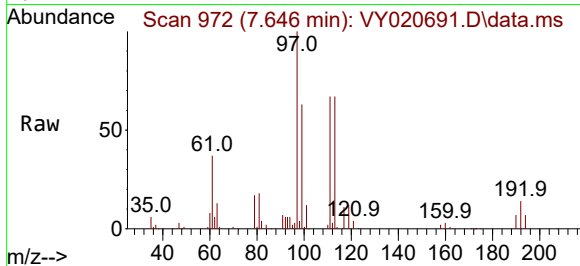




#35
Dibromofluoromethane
Concen: 46.401 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

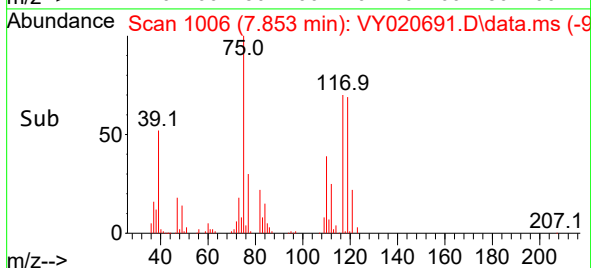
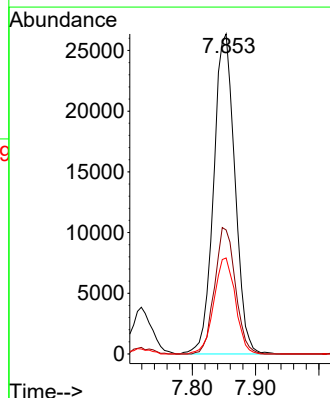
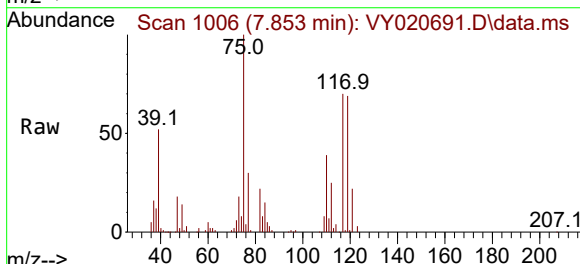
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

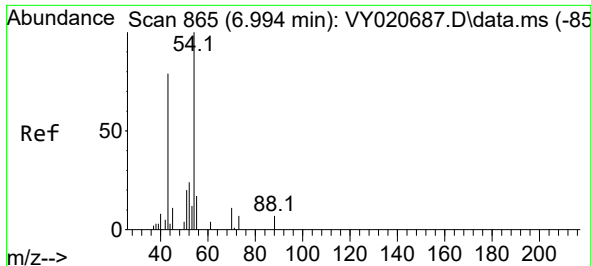
Tgt Ion:113 Resp: 45548
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.6 15.7 23.5



#36
1,1-Dichloropropene
Concen: 51.538 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 75 Resp: 61494
Ion Ratio Lower Upper
75 100
110 38.6 16.8 50.4
77 30.3 25.0 37.6

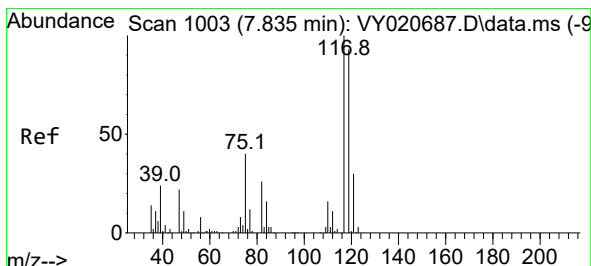
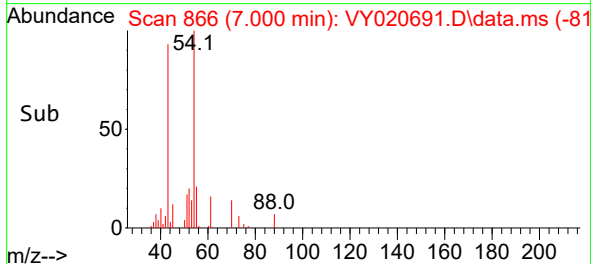
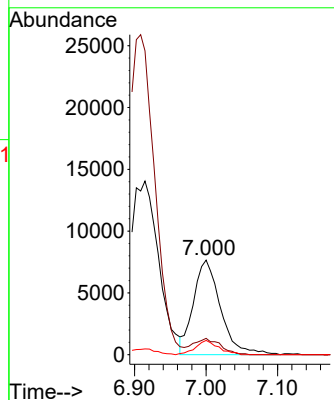
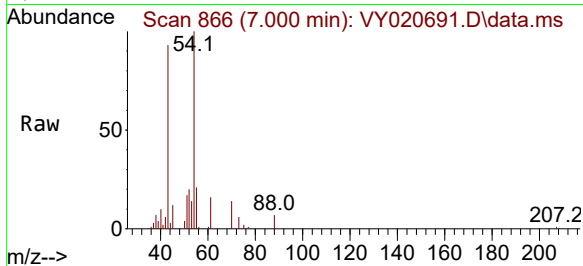




#37
Ethyl Acetate
Concen: 51.669 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

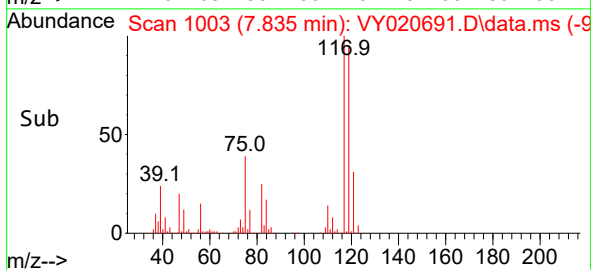
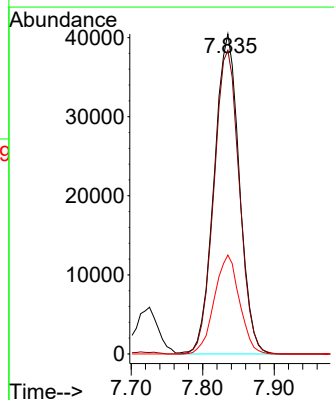
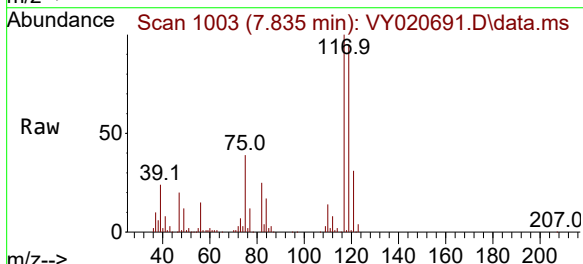
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122324

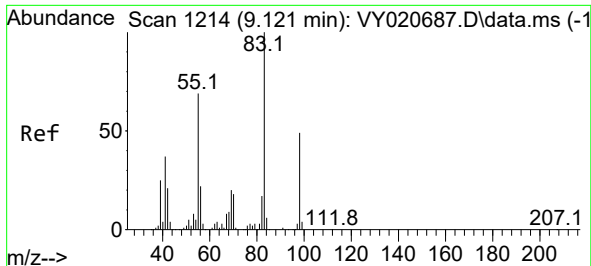
Tgt Ion: 43 Resp: 20148
Ion Ratio Lower Upper
43 100
61 17.3 11.0 16.4#
70 12.7 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 51.140 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 117 Resp: 98743
Ion Ratio Lower Upper
117 100
119 94.9 78.3 117.5
121 30.9 25.1 37.7





#39

Methylcyclohexane

Concen: 51.850 ug/l

RT: 9.121 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

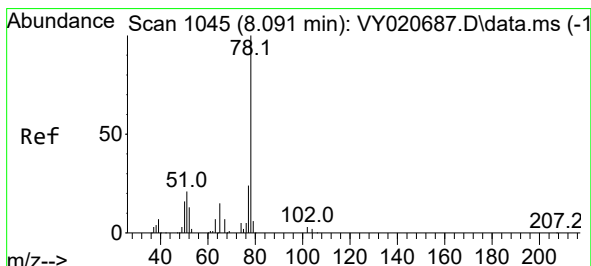
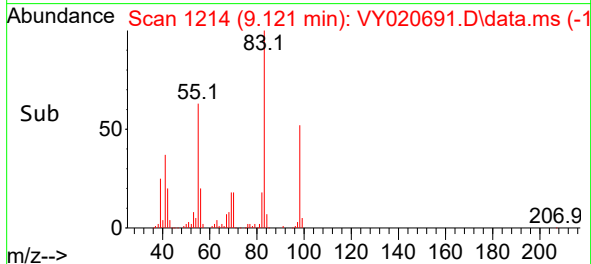
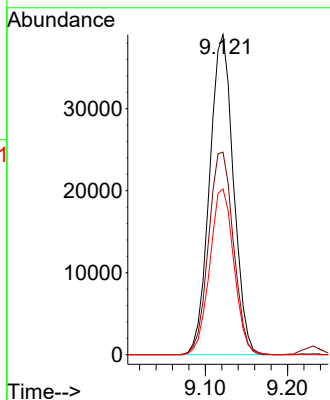
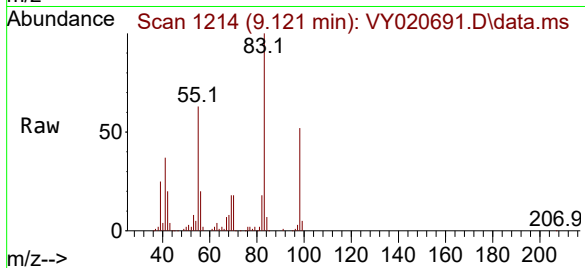
Tgt Ion: 83 Resp: 78636

Ion Ratio Lower Upper

83 100

55 63.3 61.4 92.0

98 51.8 37.3 55.9



#40

Benzene

Concen: 52.566 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VY020691.D

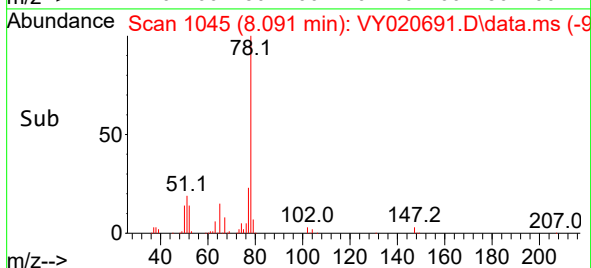
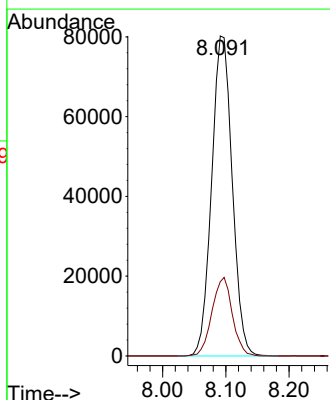
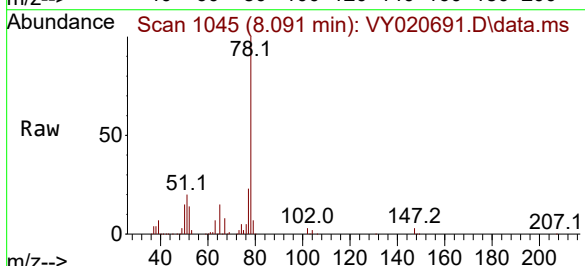
Acq: 23 Dec 2024 14:17

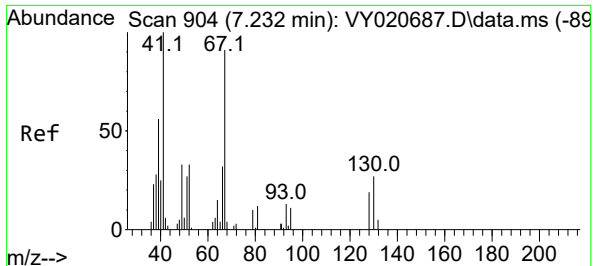
Tgt Ion: 78 Resp: 180937

Ion Ratio Lower Upper

78 100

77 23.2 20.1 30.1

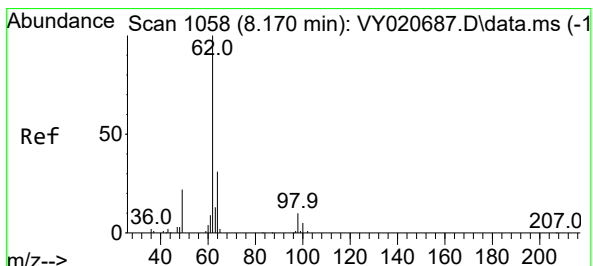
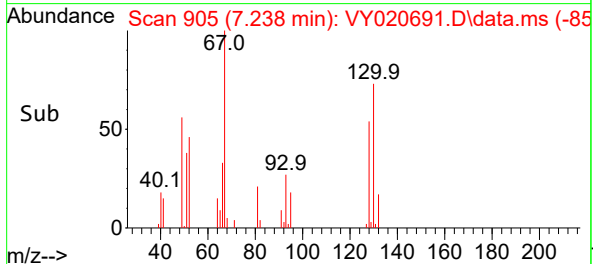
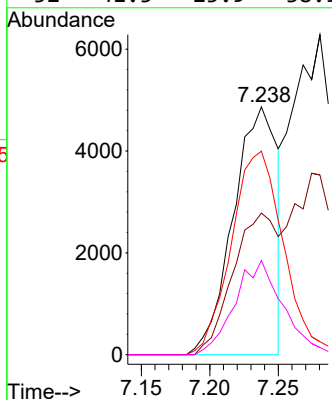
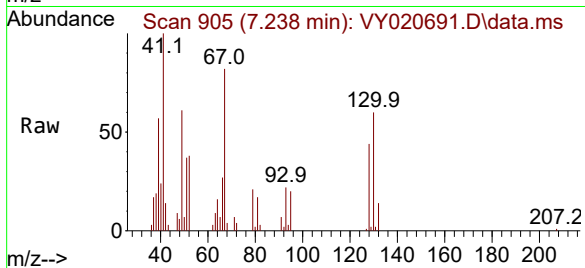




#41
Methacrylonitrile
Concen: 49.072 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

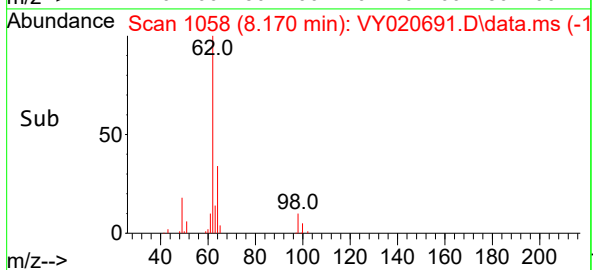
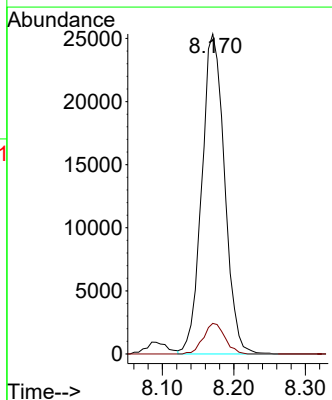
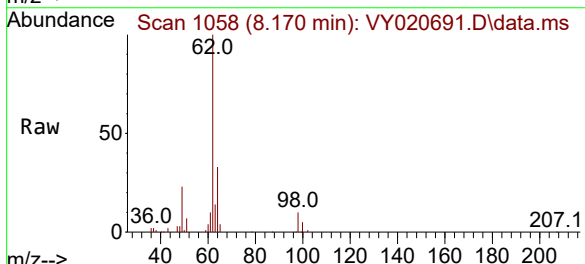
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

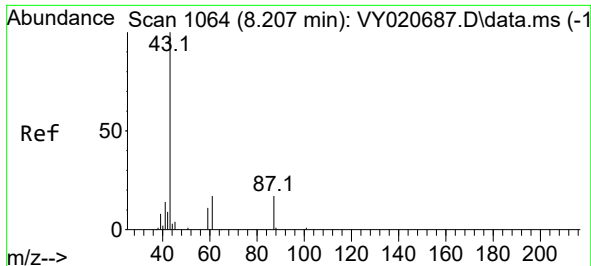
Tgt Ion:	41	Resp:	10841
Ion	Ratio	Lower	Upper
41	100		
39	58.0	53.6	80.4
67	97.6	62.0	93.0#
52	41.5	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 51.098 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion:	62	Resp:	55938
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

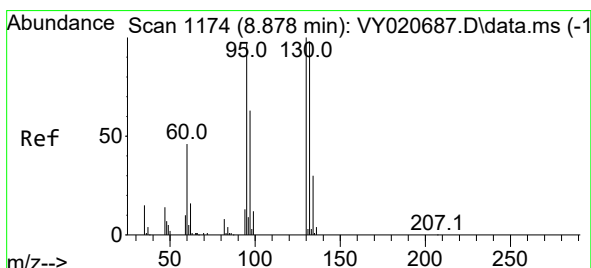
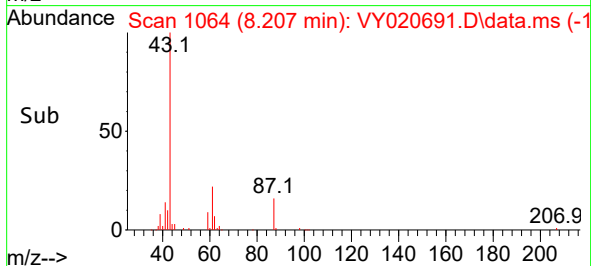
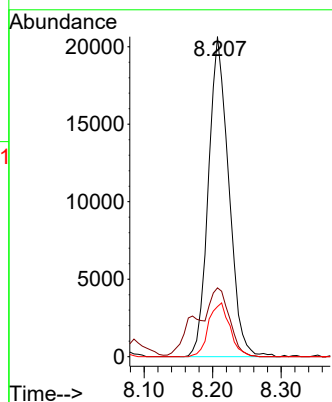
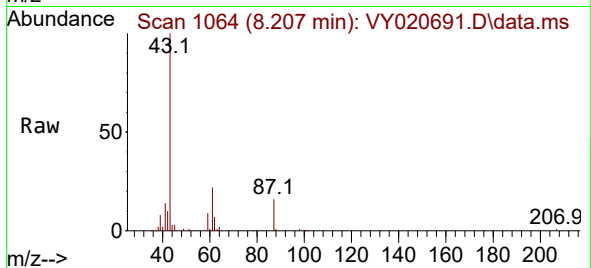




#43
Isopropyl Acetate
Concen: 52.443 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

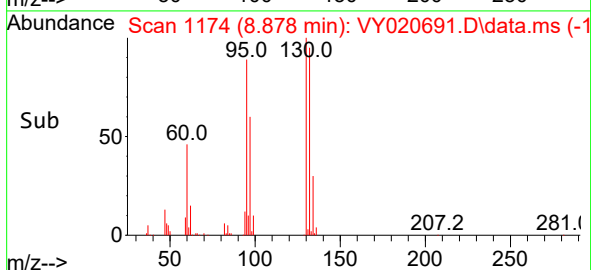
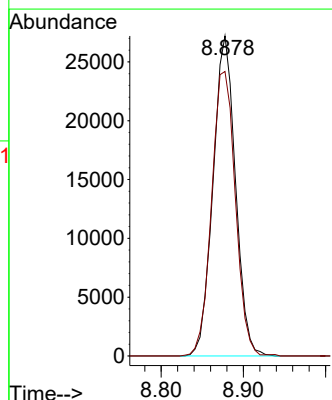
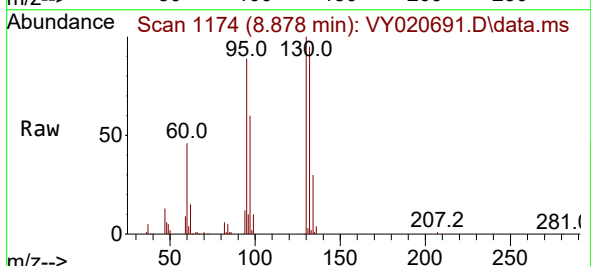
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

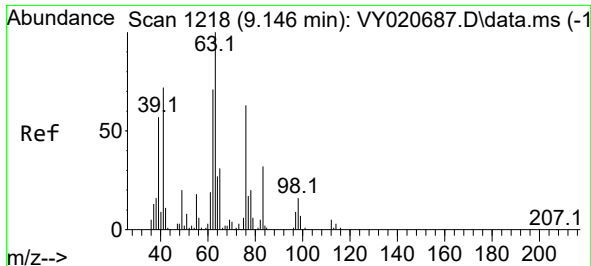
Tgt Ion: 43 Resp: 42503
Ion Ratio Lower Upper
43 100
61 21.1 23.8 35.6#
87 17.6 10.2 15.4#



#44
Trichloroethene
Concen: 50.474 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion:130 Resp: 51562
Ion Ratio Lower Upper
130 100
95 88.9 0.0 203.2





#45

1,2-Dichloropropane

Concen: 53.265 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

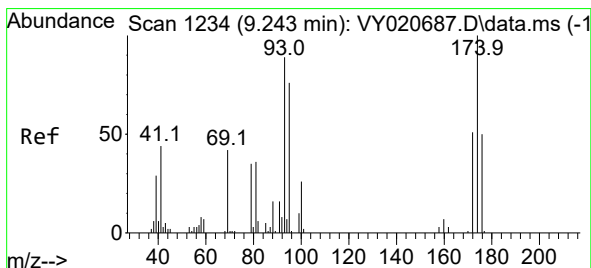
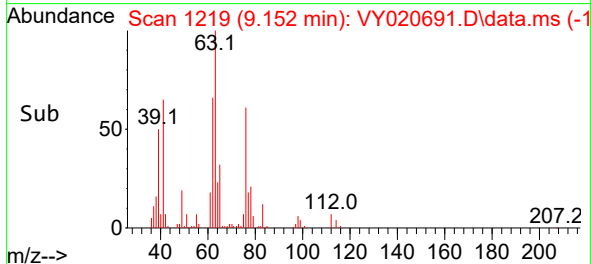
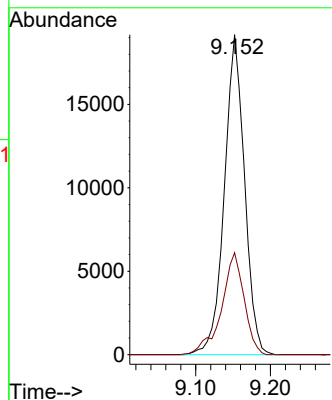
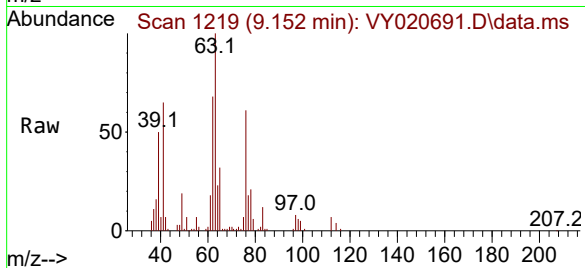
ICVVY122324

Tgt Ion: 63 Resp: 36023

Ion Ratio Lower Upper

63 100

65 31.8 25.9 38.9



#46

Dibromomethane

Concen: 52.921 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

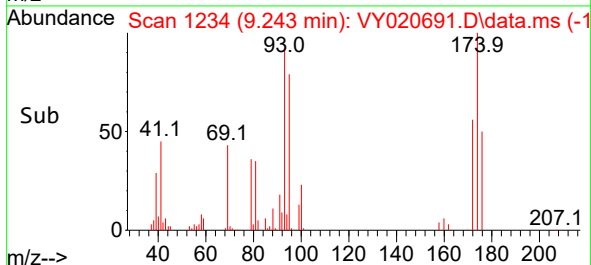
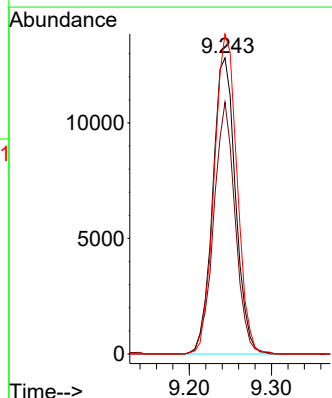
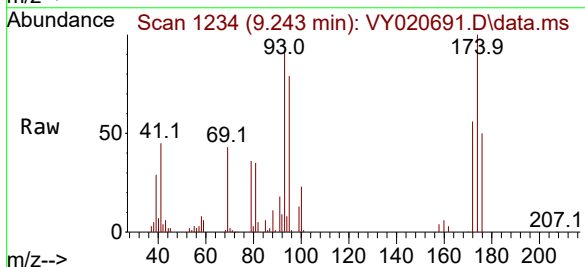
Tgt Ion: 93 Resp: 24708

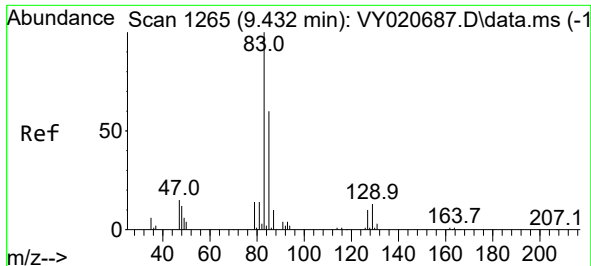
Ion Ratio Lower Upper

93 100

95 79.9 66.7 100.1

174 108.4 77.8 116.6

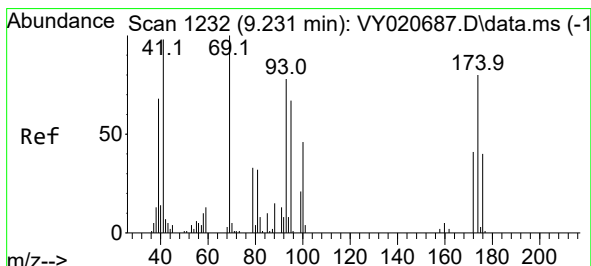
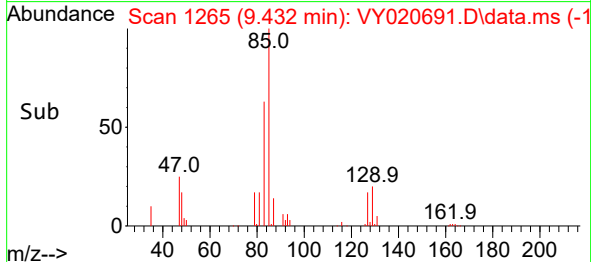
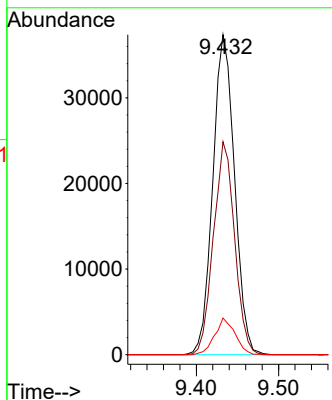
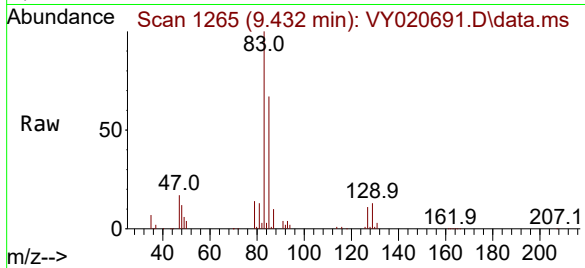




#47
Bromodichloromethane
Concen: 51.846 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

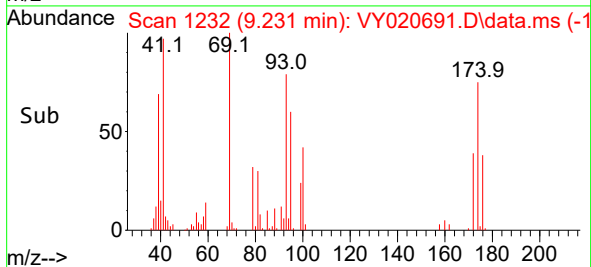
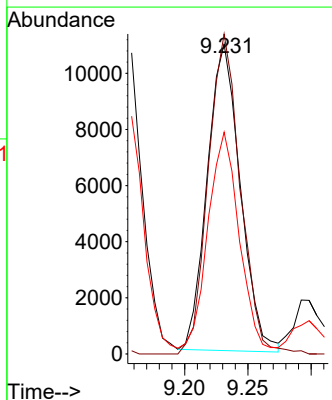
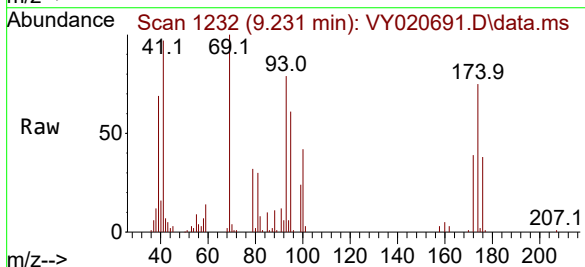
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

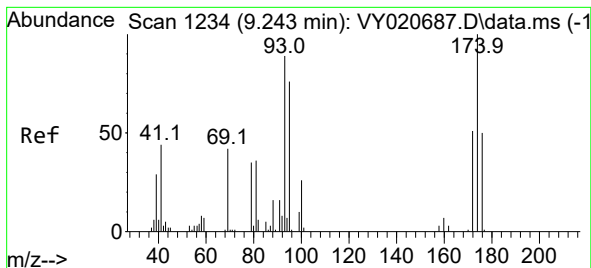
Tgt Ion: 83 Resp: 68666
Ion Ratio Lower Upper
83 100
85 66.6 52.1 78.1
127 11.4 6.7 10.1#



#48
Methyl methacrylate
Concen: 51.742 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 41 Resp: 19879
Ion Ratio Lower Upper
41 100
69 101.3 67.2 100.8#
39 65.8 42.2 63.4#





#49

1,4-Dioxane

Concen: 926.264 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

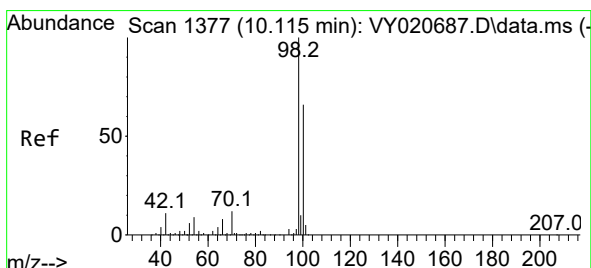
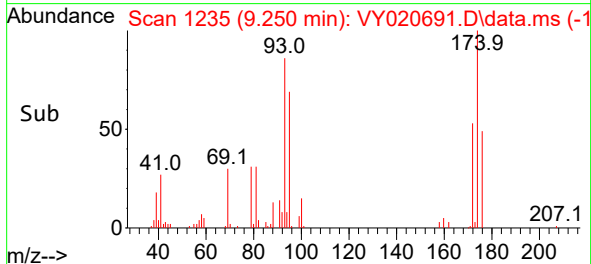
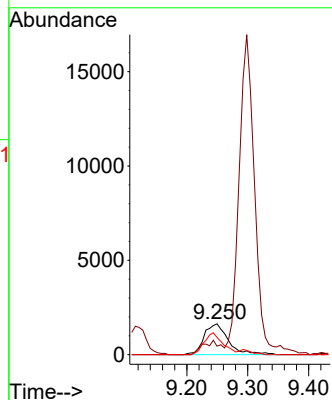
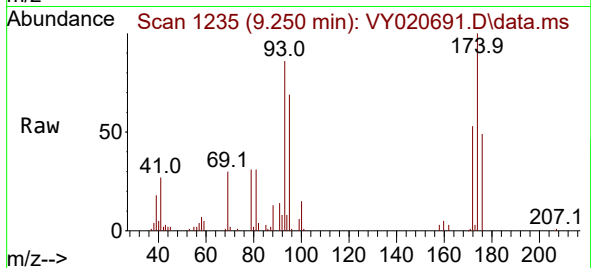
Tgt Ion: 88 Resp: 4527

Ion Ratio Lower Upper

88 100

43 33.4 27.6 41.4

58 54.6 61.7 92.5#



#50

Toluene-d8

Concen: 49.867 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020691.D

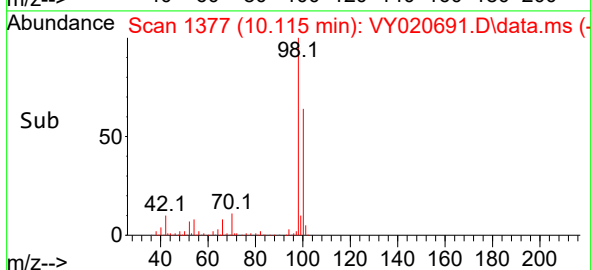
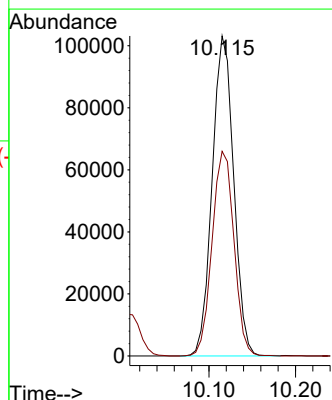
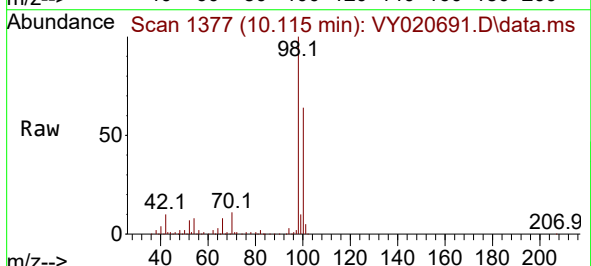
Acq: 23 Dec 2024 14:17

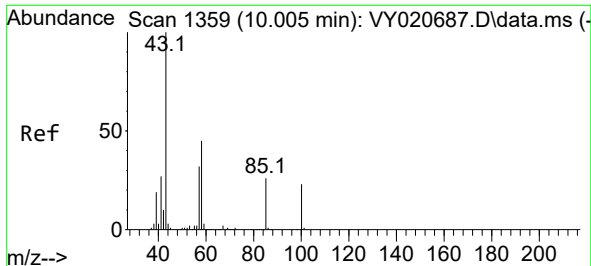
Tgt Ion: 98 Resp: 177791

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

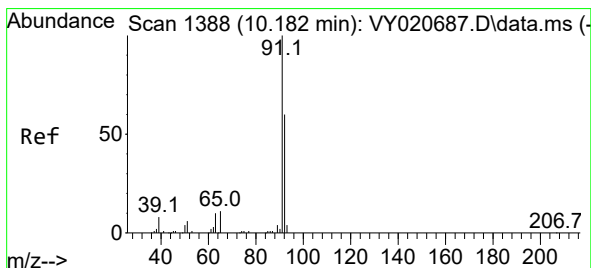
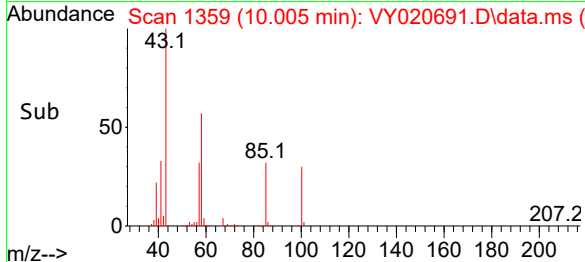
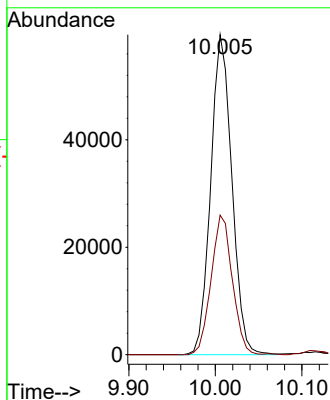
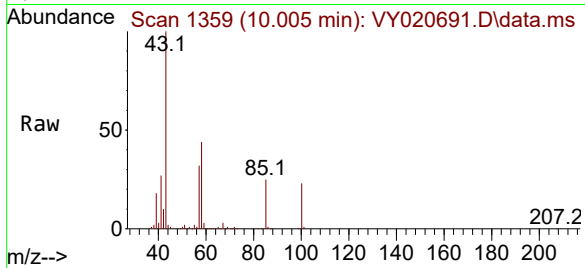




#51
4-Methyl-2-Pentanone
Concen: 249.741 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

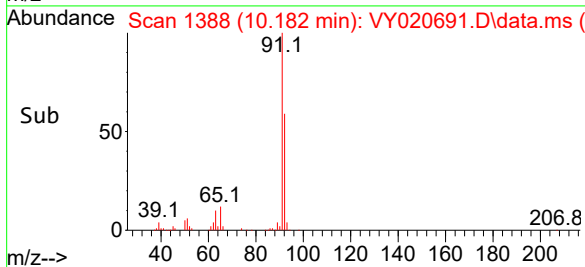
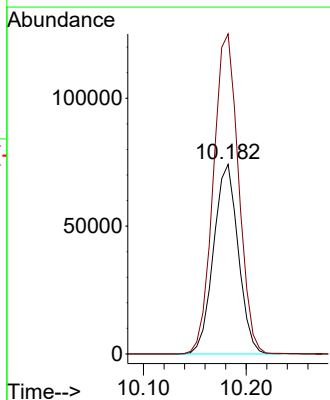
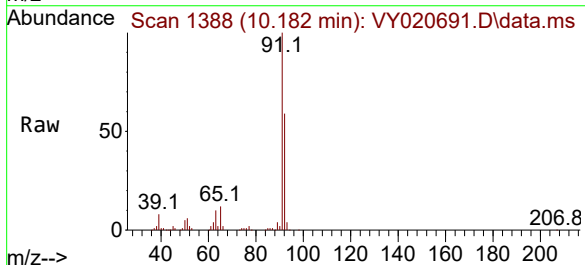
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

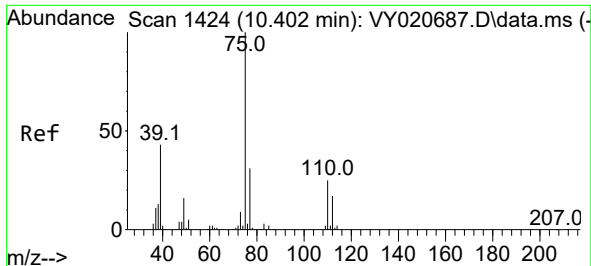
Tgt Ion: 43 Resp: 101109
Ion Ratio Lower Upper
43 100
58 43.7 31.4 47.2



#52
Toluene
Concen: 52.641 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 92 Resp: 123390
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.732 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

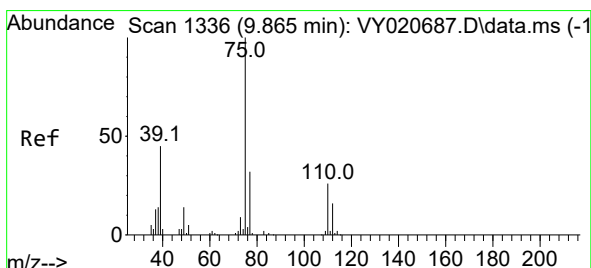
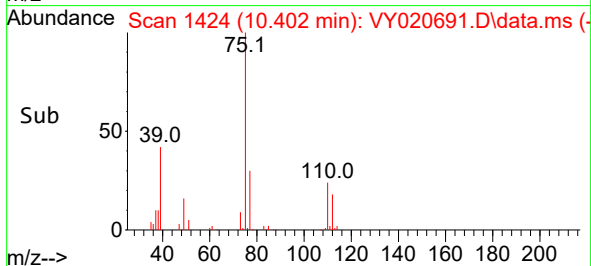
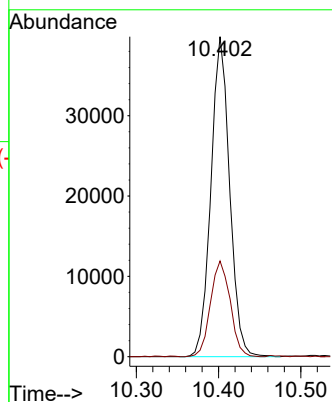
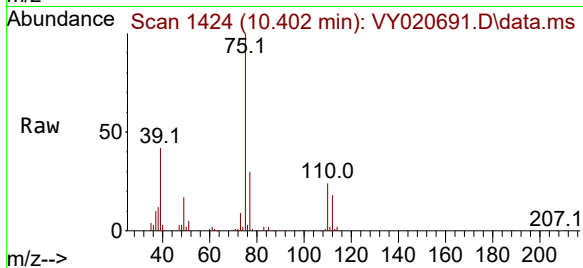
ICVVY122324

Tgt Ion: 75 Resp: 62970

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.743 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

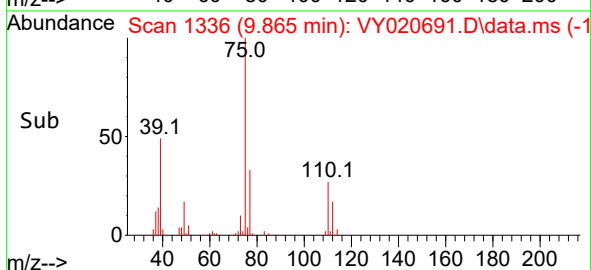
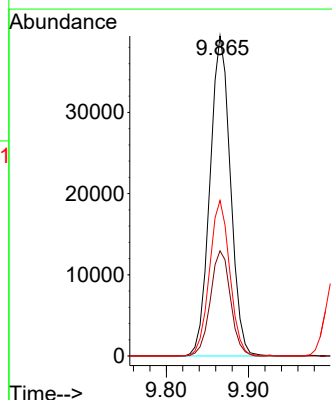
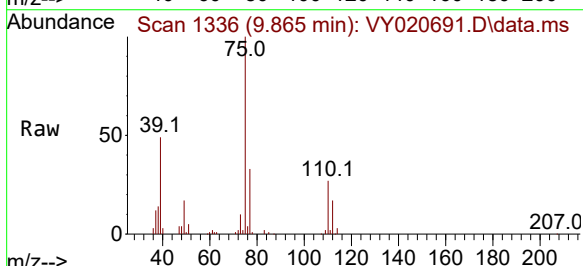
Tgt Ion: 75 Resp: 68108

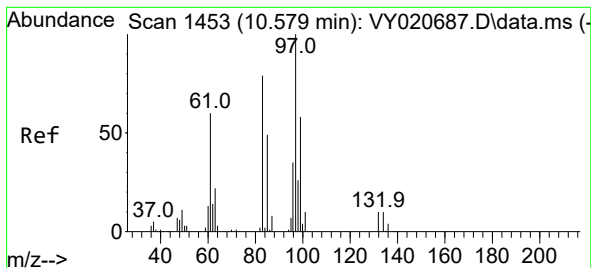
Ion Ratio Lower Upper

75 100

77 32.8 24.6 36.8

39 48.6 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 51.725 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

Tgt Ion: 97 Resp: 31270

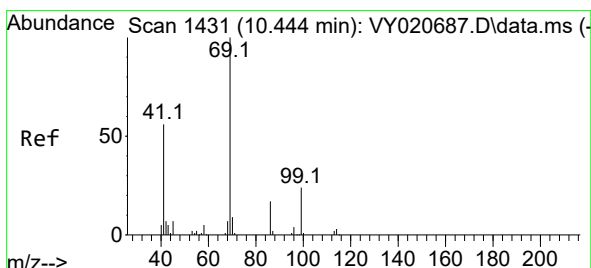
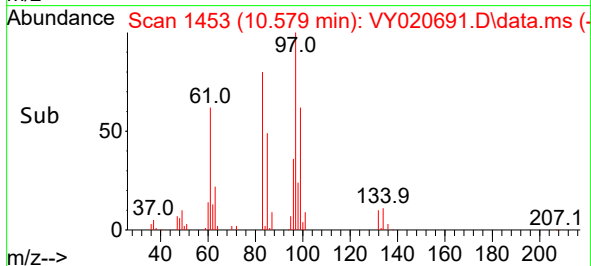
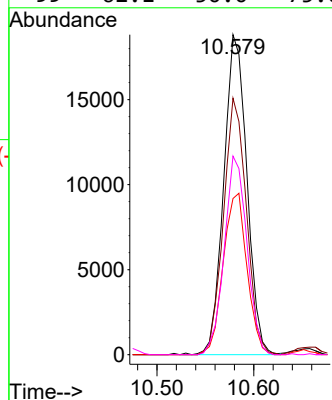
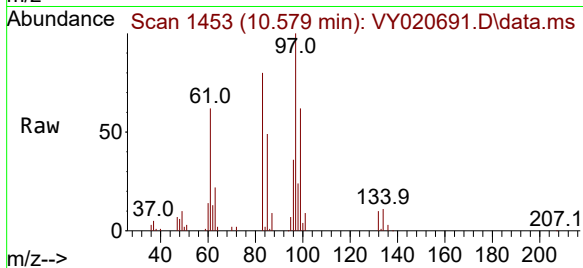
Ion Ratio Lower Upper

97 100

83 80.2 70.4 105.6

85 48.8 47.2 70.8

99 62.1 50.0 75.0



#56

Ethyl methacrylate

Concen: 54.626 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

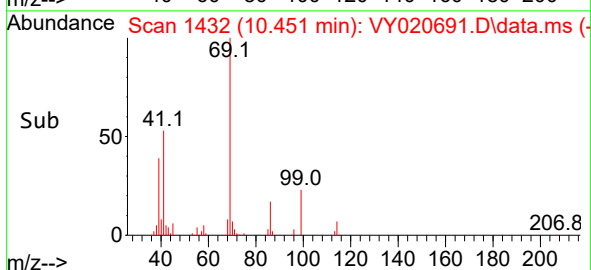
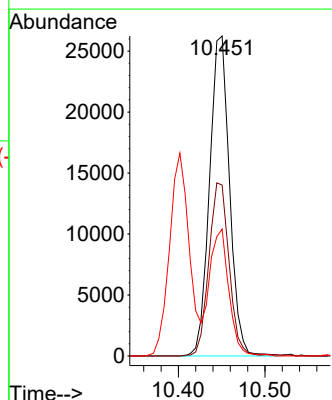
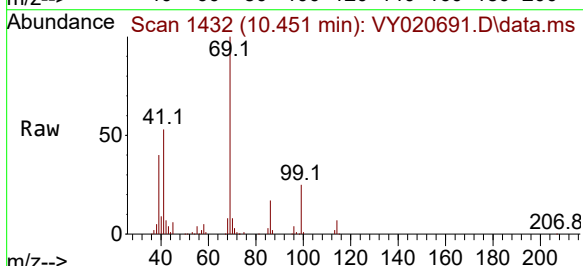
Tgt Ion: 69 Resp: 42125

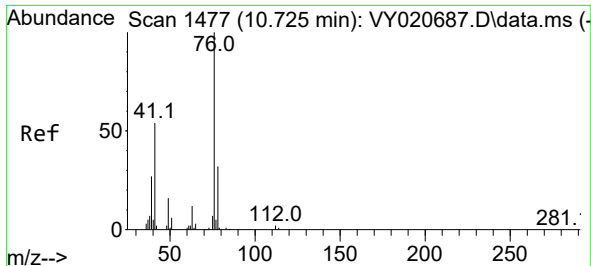
Ion Ratio Lower Upper

69 100

41 54.4 54.0 81.0

39 38.3 27.9 41.9





#57

1,3-Dichloropropane

Concen: 52.137 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

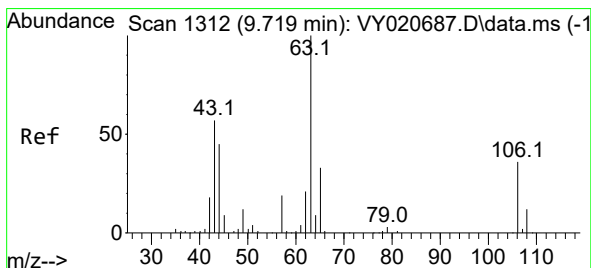
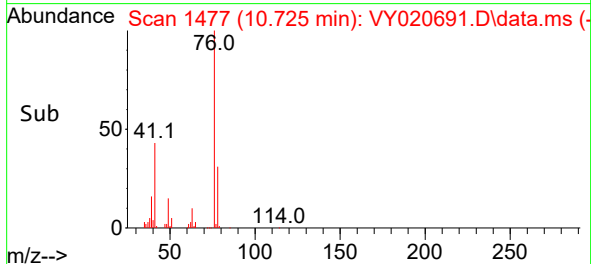
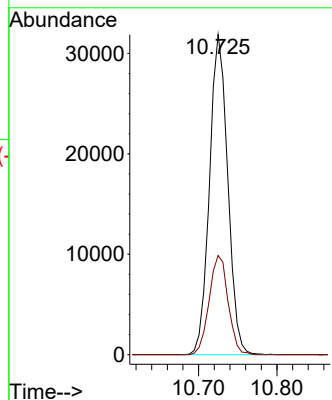
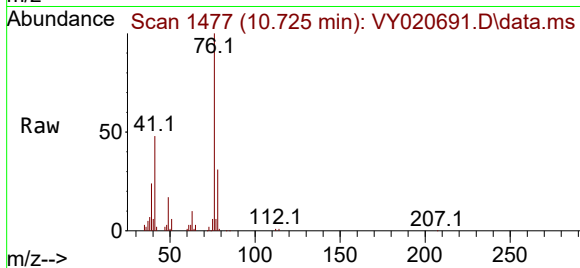
ICVY122324

Tgt Ion: 76 Resp: 51521

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 266.463 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020691.D

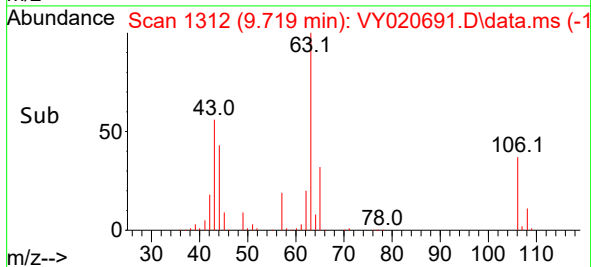
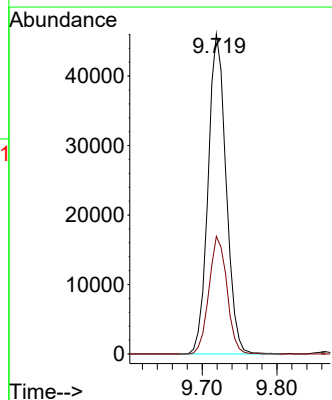
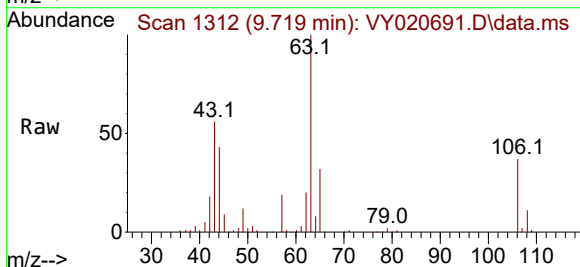
Acq: 23 Dec 2024 14:17

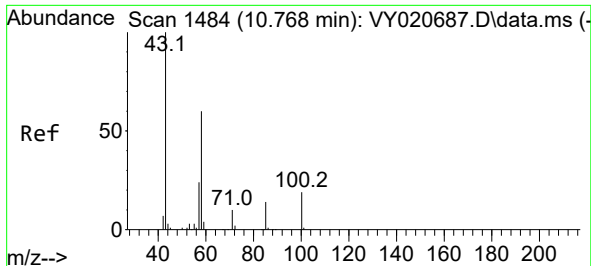
Tgt Ion: 63 Resp: 76787

Ion Ratio Lower Upper

63 100

106 36.8 21.5 32.3#

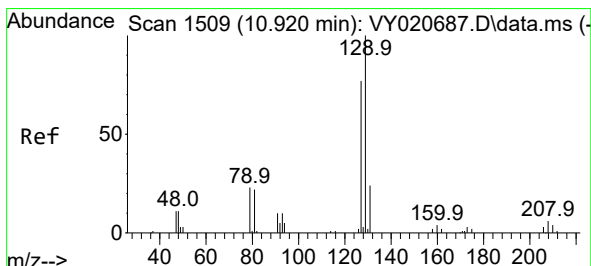
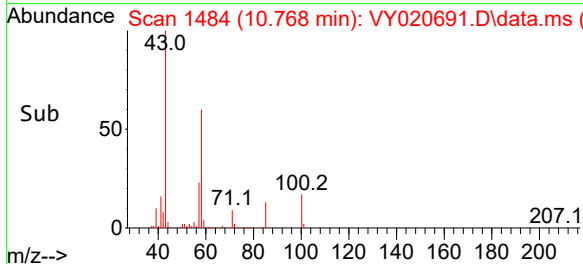
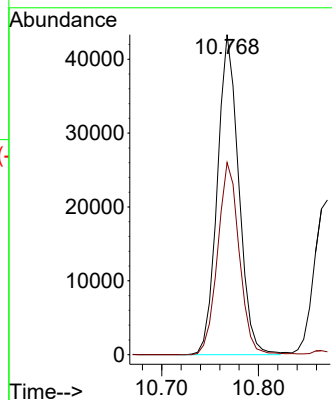
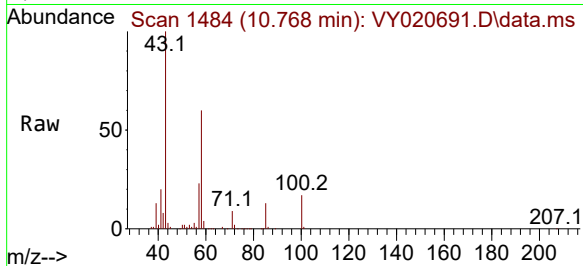




#59
2-Hexanone
Concen: 257.733 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

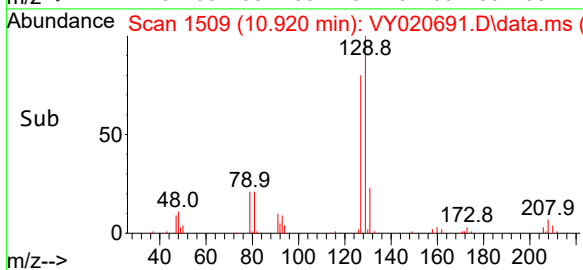
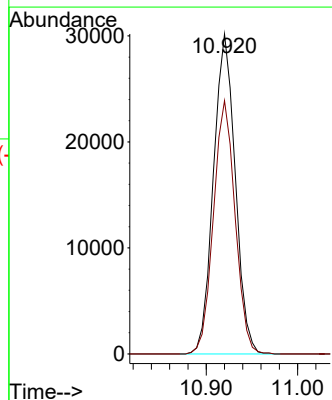
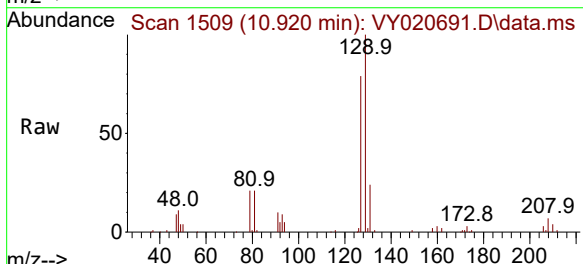
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

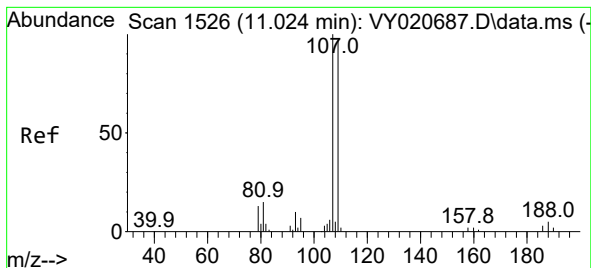
Tgt Ion: 43 Resp: 66464
Ion Ratio Lower Upper
43 100
58 60.8 27.2 81.6



#60
Dibromochloromethane
Concen: 51.738 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 129 Resp: 49937
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 52.038 ug/l

RT: 11.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

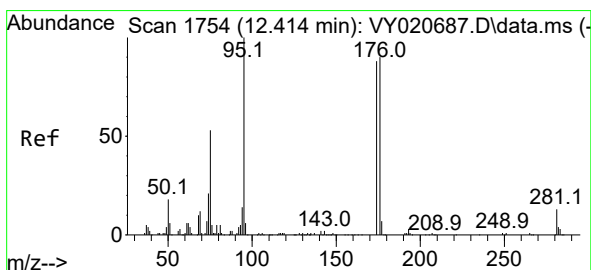
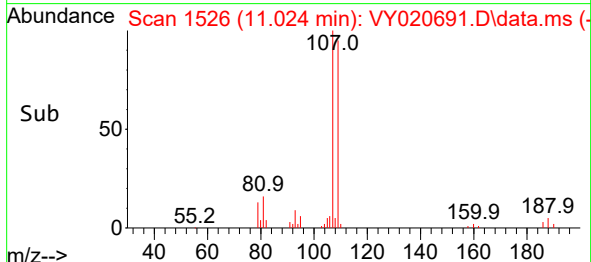
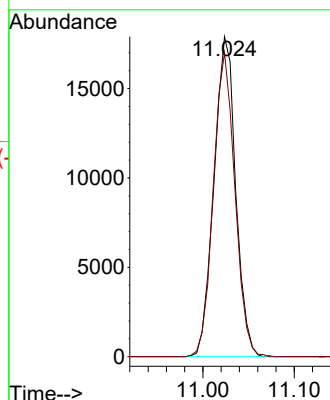
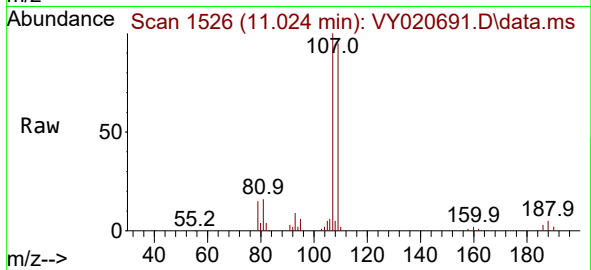
ICVY122324

Tgt Ion:107 Resp: 29492

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 45.571 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

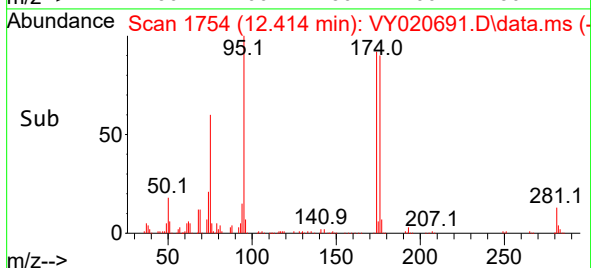
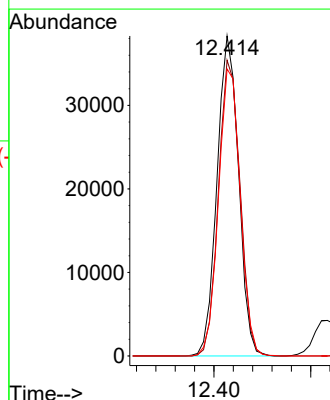
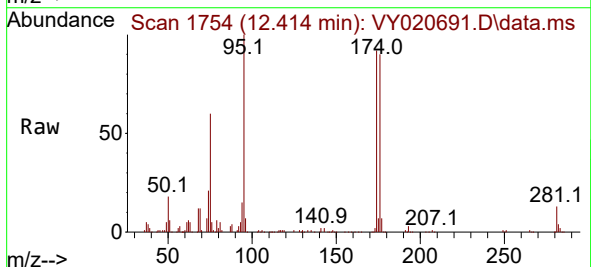
Tgt Ion: 95 Resp: 59136

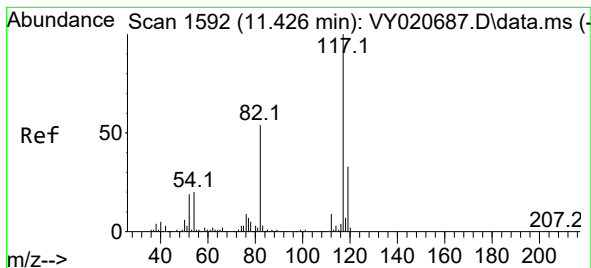
Ion Ratio Lower Upper

95 100

174 92.8 0.0 161.8

176 90.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

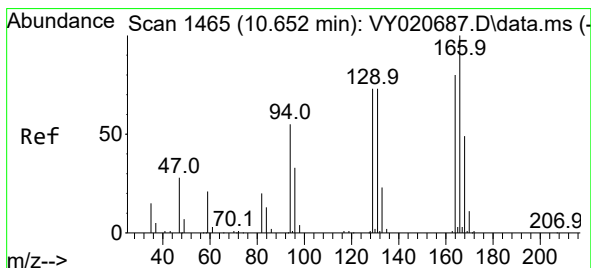
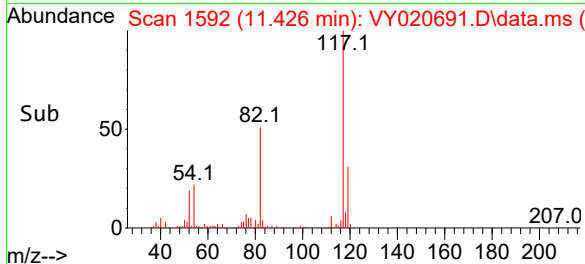
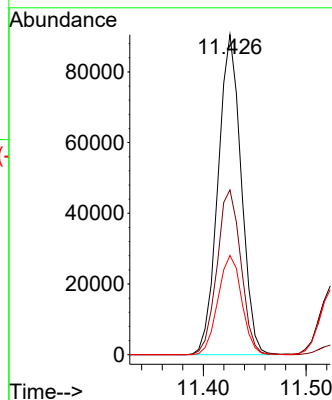
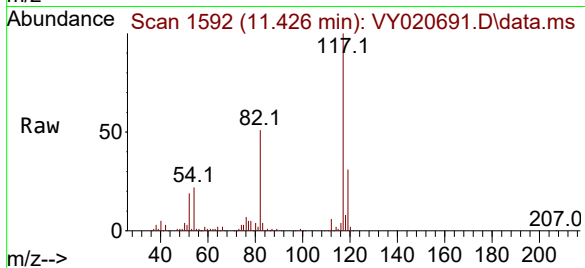
Tgt Ion:117 Resp: 141658

Ion Ratio Lower Upper

117 100

82 51.5 45.8 68.6

119 31.0 25.3 37.9



#64

Tetrachloroethene

Concen: 52.019 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Tgt Ion:164 Resp: 48939

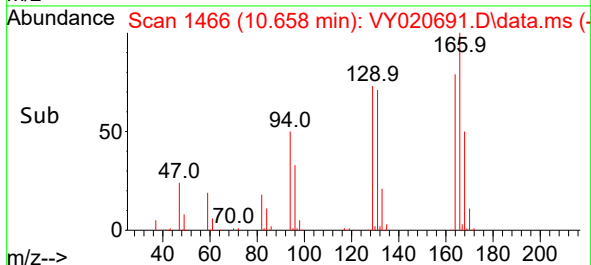
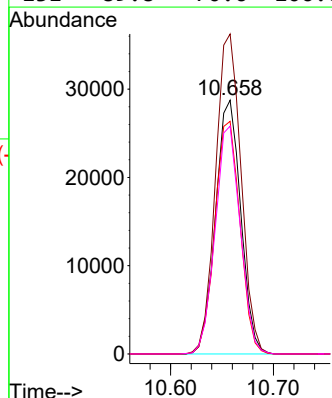
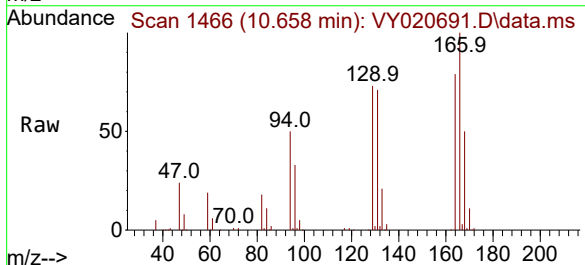
Ion Ratio Lower Upper

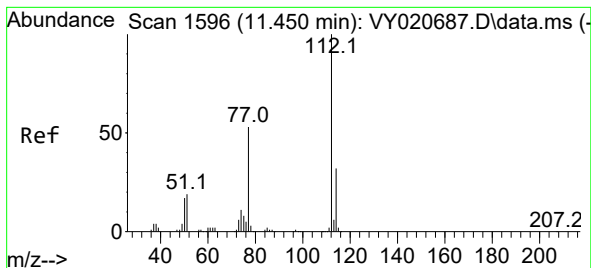
164 100

166 126.1 97.9 146.9

129 91.7 73.4 110.0

131 89.8 70.6 106.0





#65

Chlorobenzene

Concen: 52.937 ug/l

RT: 11.450 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

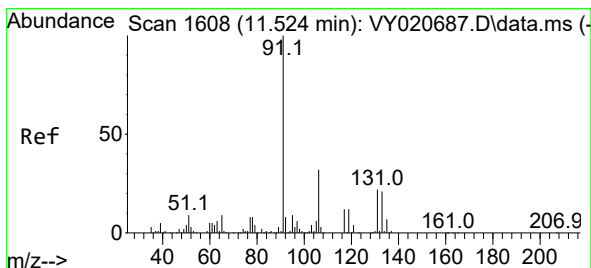
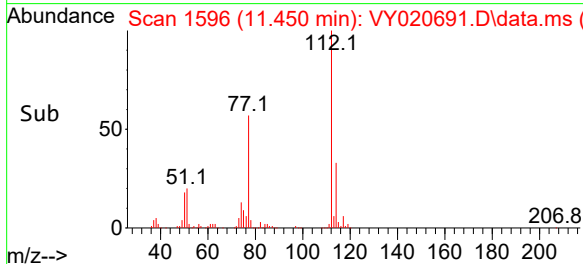
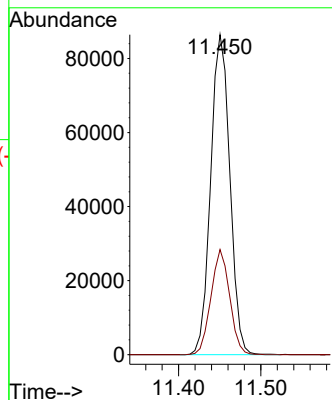
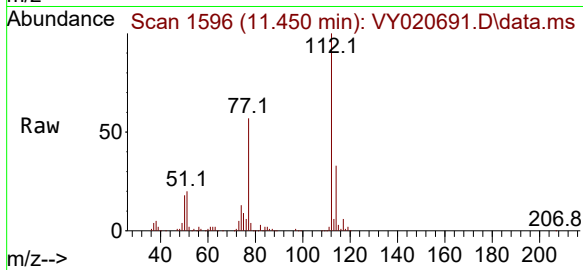
ICVVY122324

Tgt Ion:112 Resp: 140132

Ion Ratio Lower Upper

112 100

114 32.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.525 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

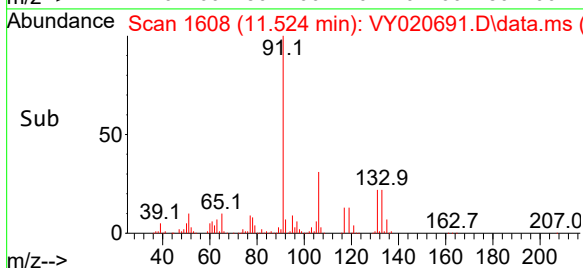
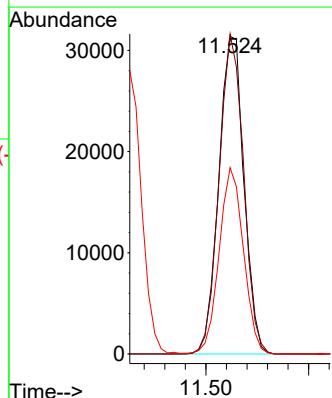
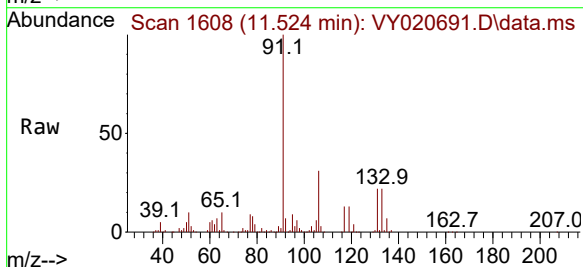
Tgt Ion:131 Resp: 53263

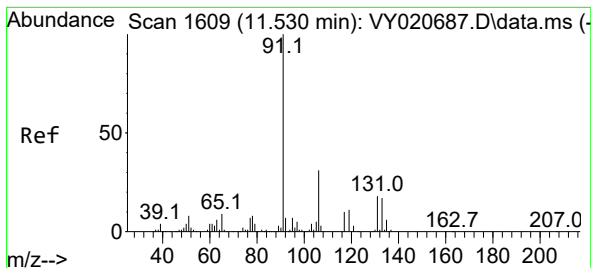
Ion Ratio Lower Upper

131 100

133 97.9 46.8 140.3

119 56.8 31.8 95.3





#67

Ethyl Benzene

Concen: 51.841 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

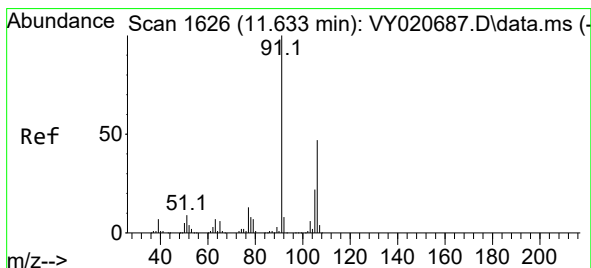
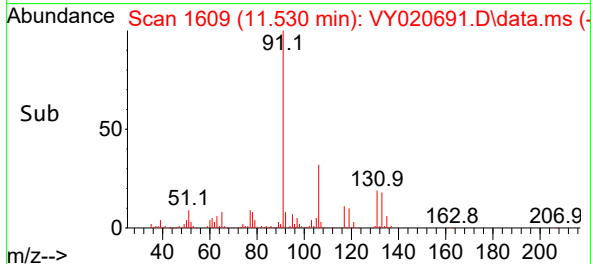
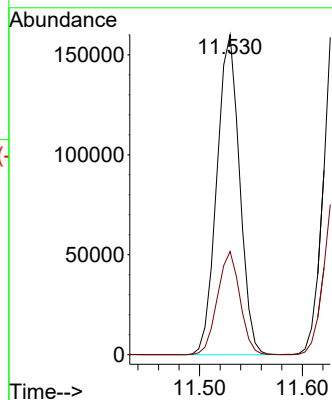
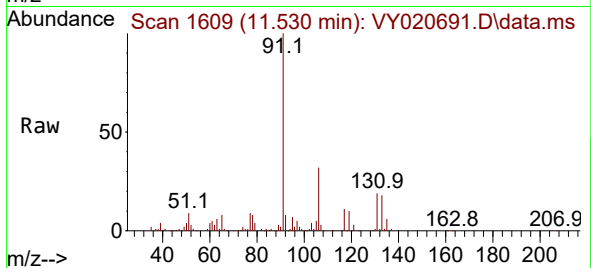
ICVVY122324

Tgt Ion: 91 Resp: 246210

Ion Ratio Lower Upper

91 100

106 32.3 23.9 35.9



#68

m/p-Xylenes

Concen: 103.259 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020691.D

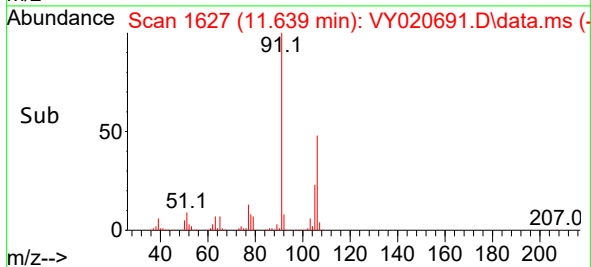
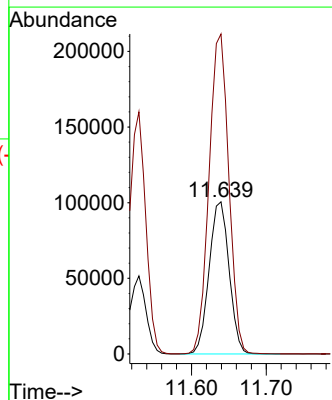
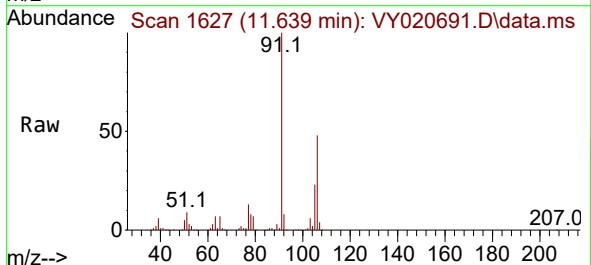
Acq: 23 Dec 2024 14:17

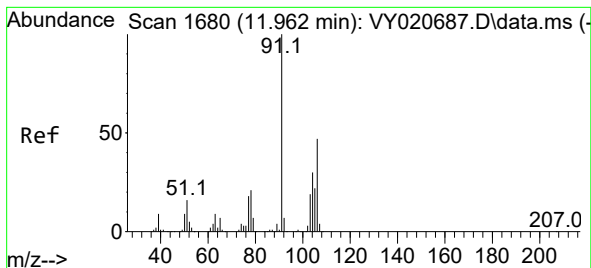
Tgt Ion:106 Resp: 187007

Ion Ratio Lower Upper

106 100

91 208.2 165.0 247.4





#69

o-Xylene

Concen: 52.237 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

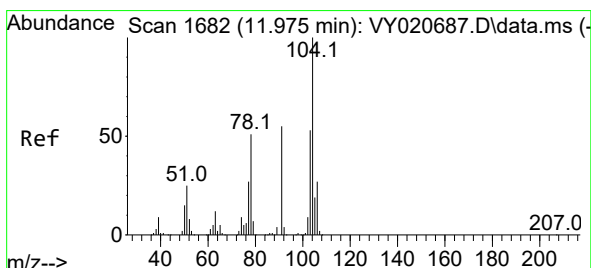
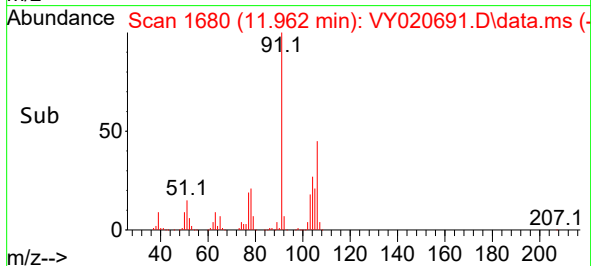
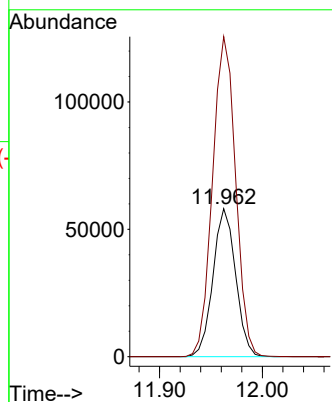
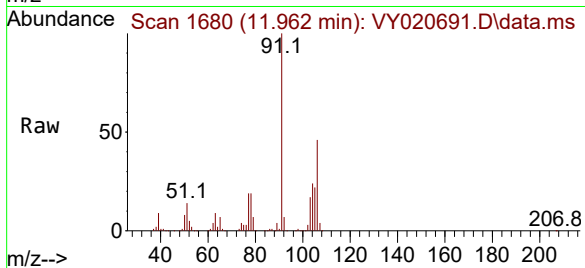
ICVVY122324

Tgt Ion:106 Resp: 88867

Ion Ratio Lower Upper

106 100

91 220.5 108.4 325.2



#70

Styrene

Concen: 52.914 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

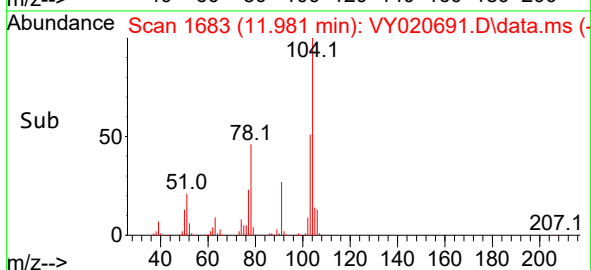
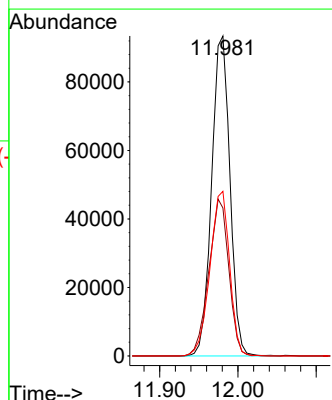
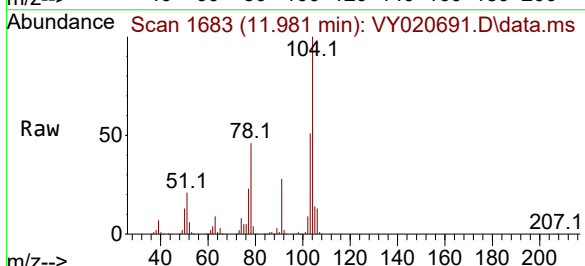
Tgt Ion:104 Resp: 151410

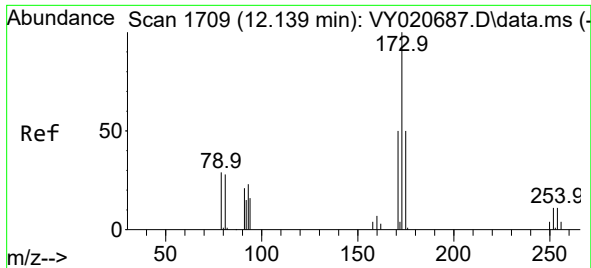
Ion Ratio Lower Upper

104 100

78 53.6 41.6 62.4

103 55.2 43.7 65.5

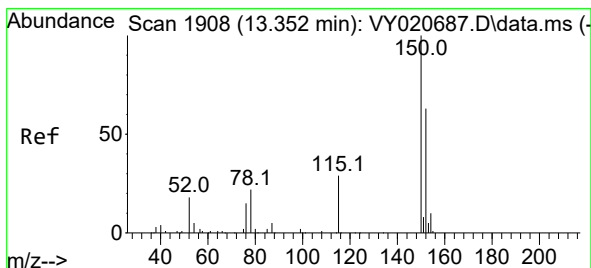
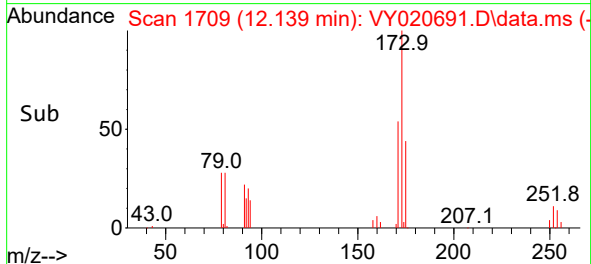
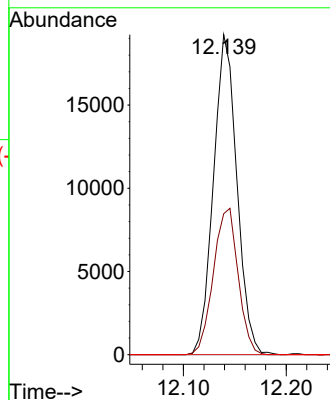
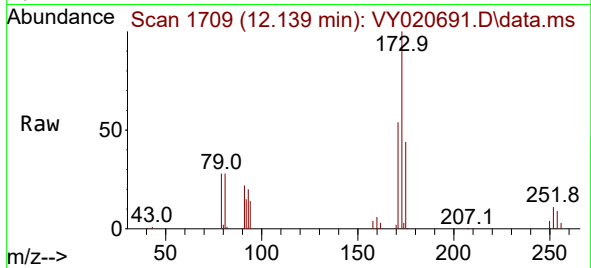




#71
Bromoform
Concen: 51.466 ug/l
RT: 12.139 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

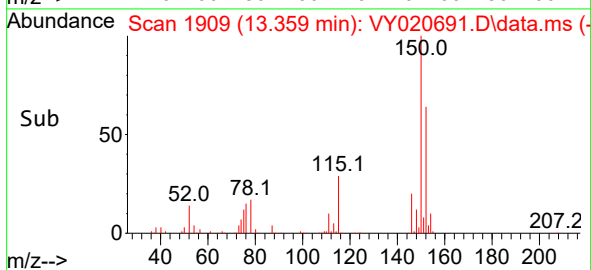
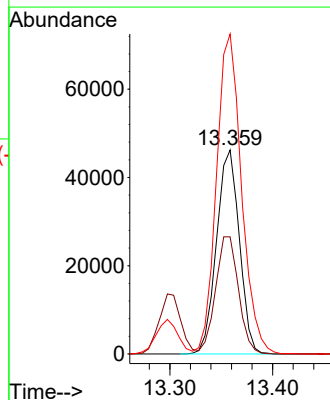
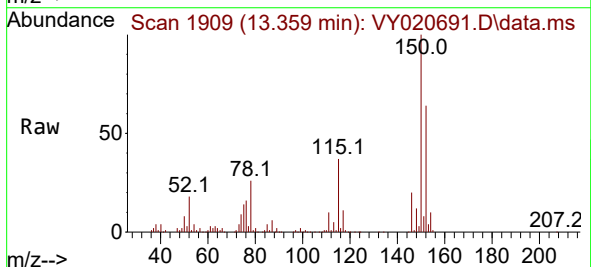
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122324

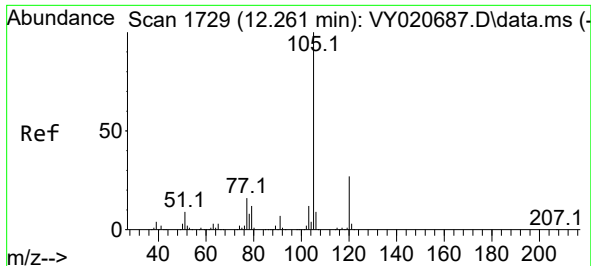
Tgt Ion:173 Resp: 30473
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion:152 Resp: 71166
Ion Ratio Lower Upper
152 100
115 57.7 30.2 90.6
150 172.4 0.0 355.4

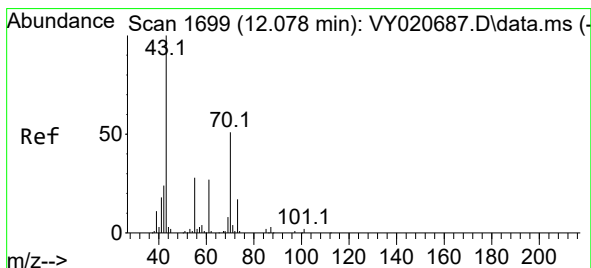
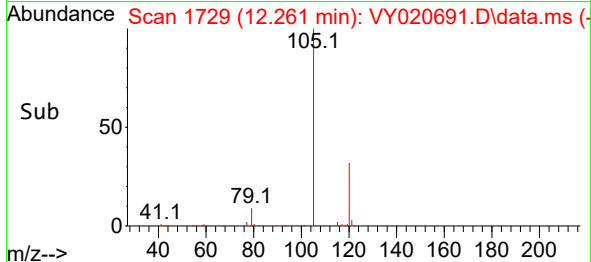
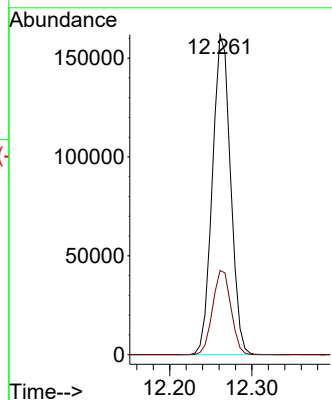
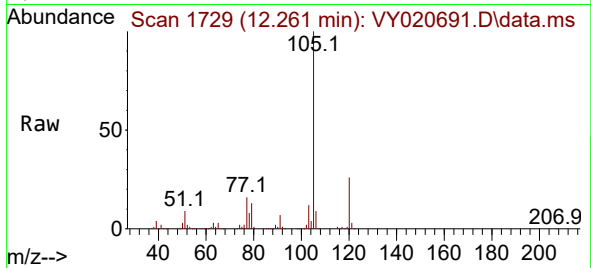




#73
Isopropylbenzene
Concen: 51.364 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

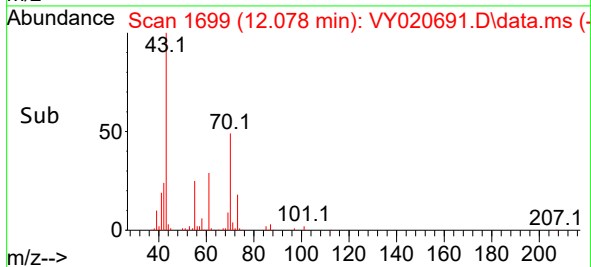
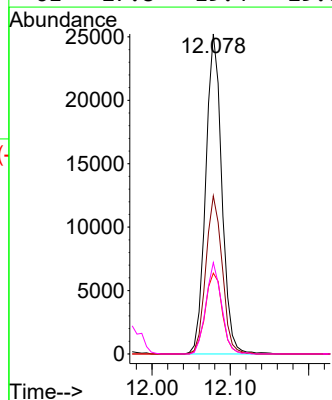
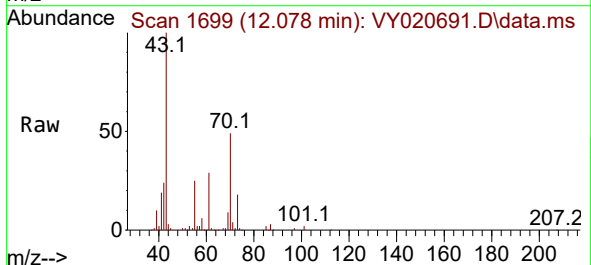
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

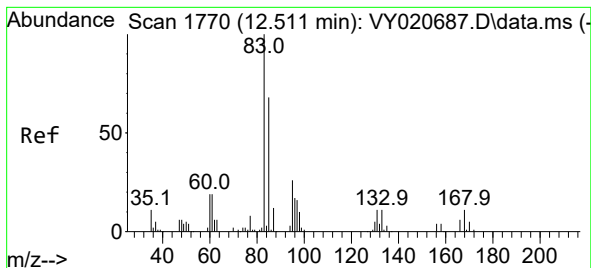
Tgt Ion:105 Resp: 248637
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 52.869 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 43 Resp: 35961
Ion Ratio Lower Upper
43 100
70 50.2 34.2 51.2
55 26.8 19.6 29.4
61 27.8 19.4 29.0





#75

1,1,2-Tetrachloroethane

Concen: 50.579 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

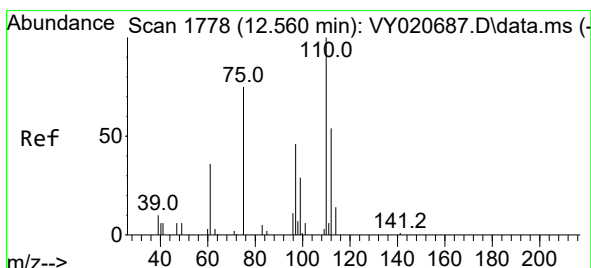
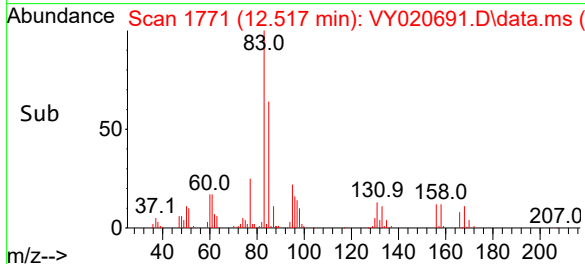
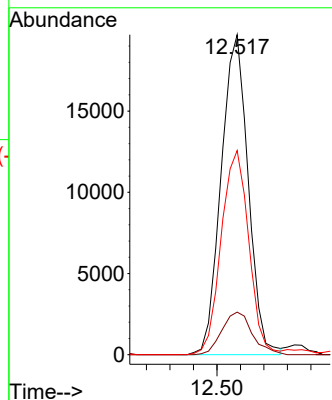
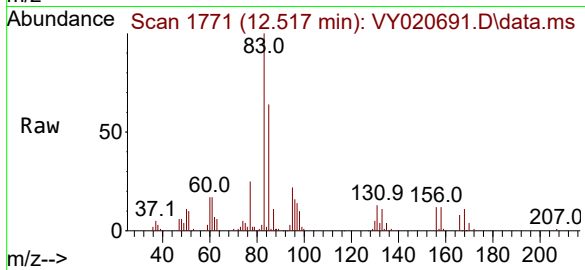
Tgt Ion: 83 Resp: 31507

Ion Ratio Lower Upper

83 100

131 15.0 5.2 15.6

85 65.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 96.367 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020691.D

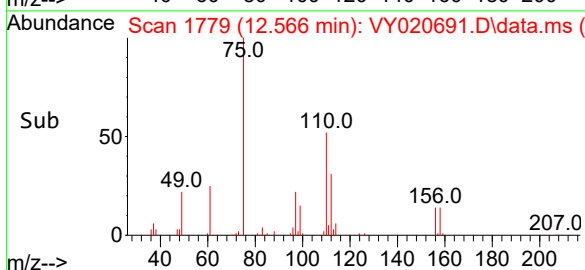
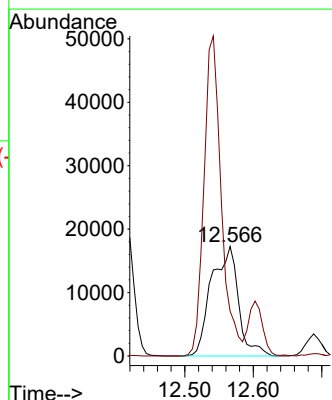
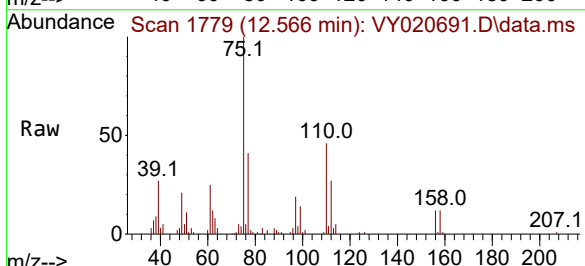
Acq: 23 Dec 2024 14:17

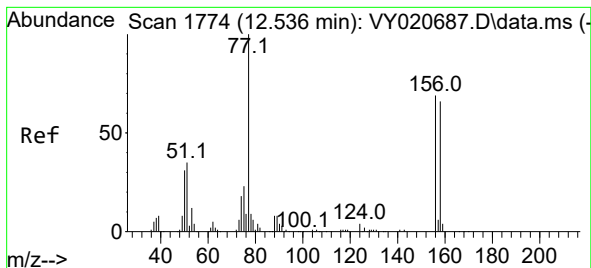
Tgt Ion: 75 Resp: 47296

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.722 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

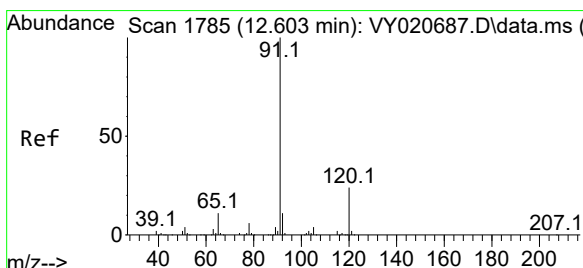
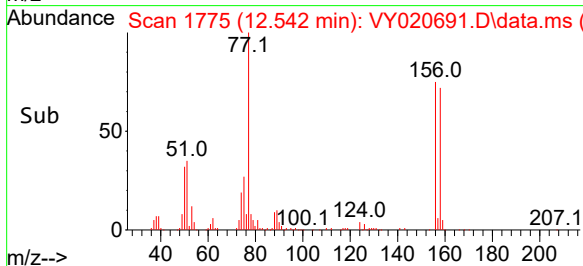
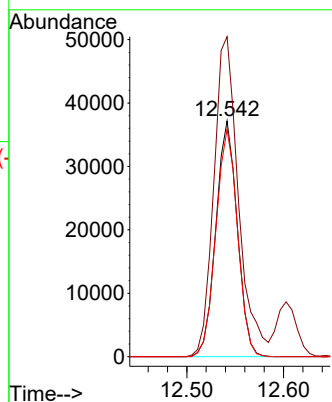
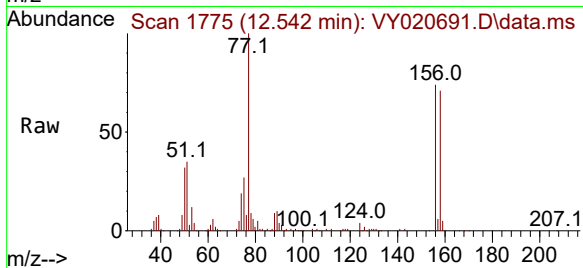
Tgt Ion:156 Resp: 57012

Ion Ratio Lower Upper

156 100

77 156.5 94.2 282.4

158 97.6 48.9 146.6



#78

n-propylbenzene

Concen: 51.350 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020691.D

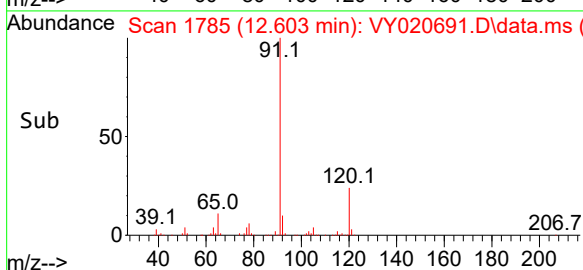
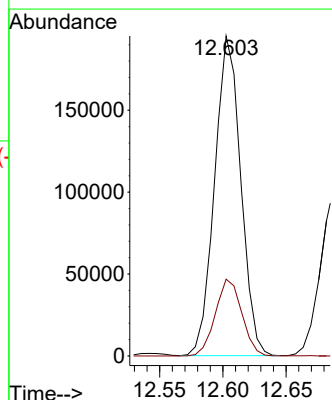
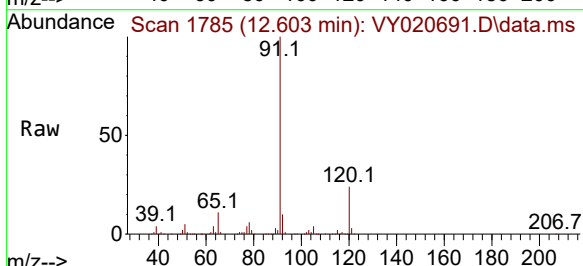
Acq: 23 Dec 2024 14:17

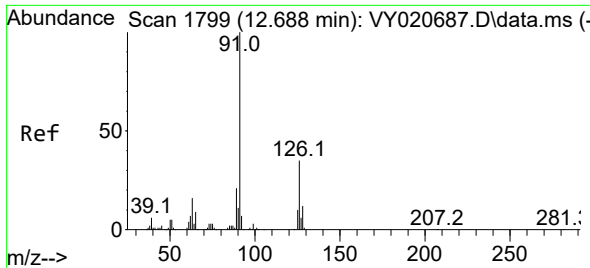
Tgt Ion: 91 Resp: 280237

Ion Ratio Lower Upper

91 100

120 24.3 11.1 33.1

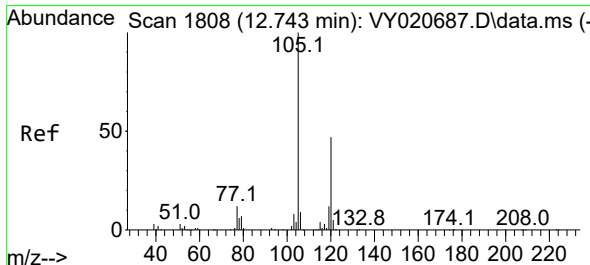
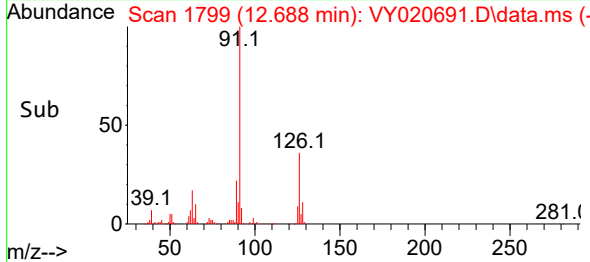
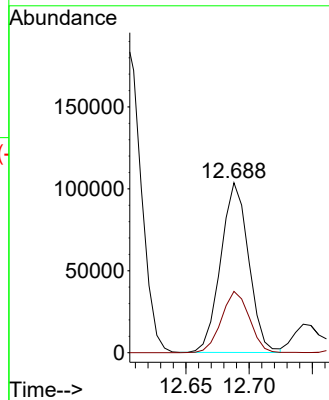
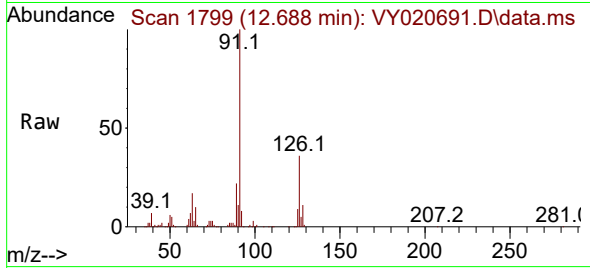




#79
2-Chlorotoluene
Concen: 51.267 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

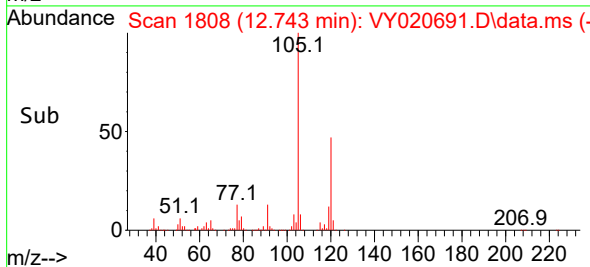
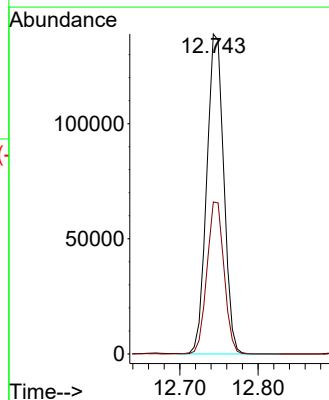
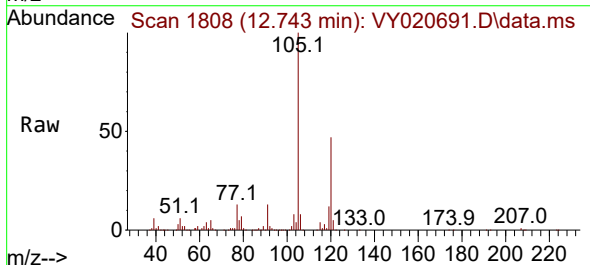
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

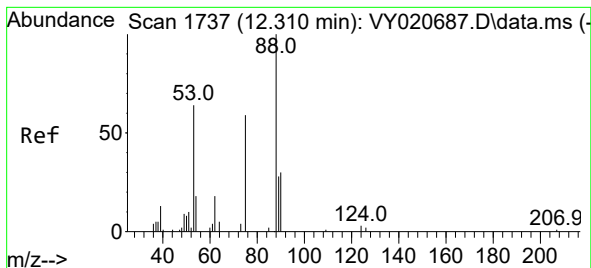
Tgt Ion: 91 Resp: 159275
Ion Ratio Lower Upper
91 100
126 36.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 52.166 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 105 Resp: 209445
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

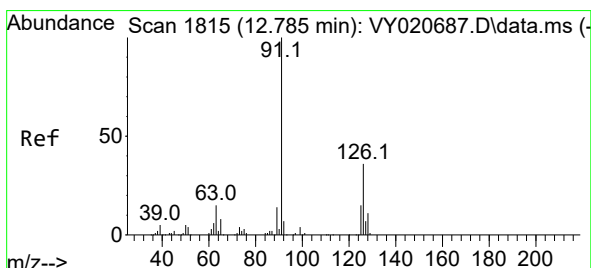
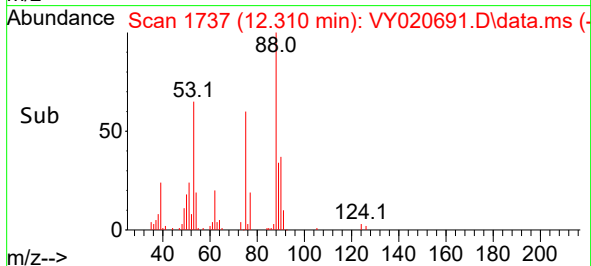
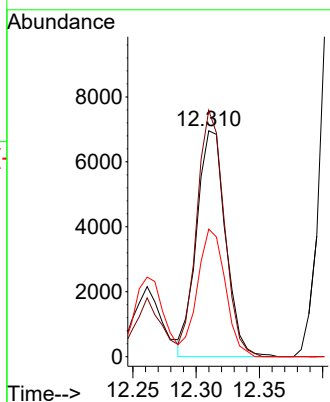
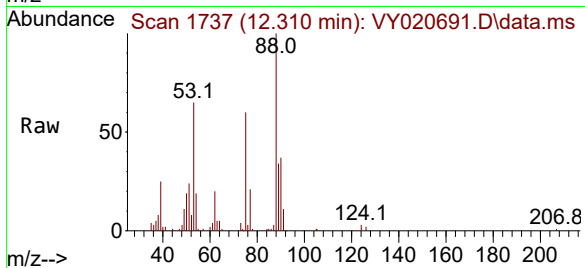




#81
trans-1,4-Dichloro-2-butene
Concen: 49.292 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

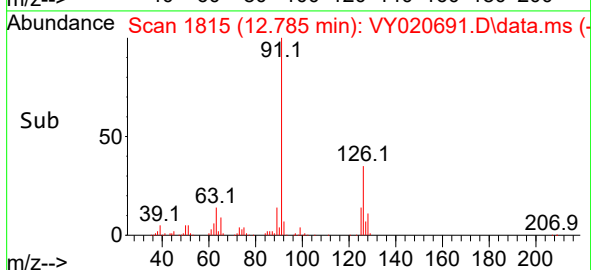
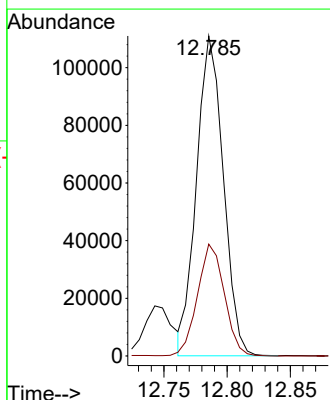
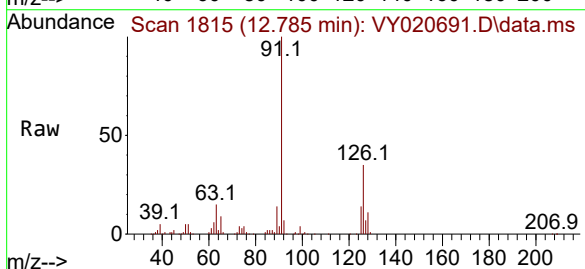
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122324

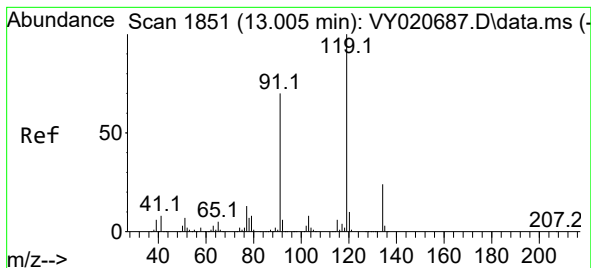
Tgt Ion: 75 Resp: 11129
Ion Ratio Lower Upper
75 100
53 103.0 75.4 113.2
89 54.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.687 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020691.D
Acq: 23 Dec 2024 14:17

Tgt Ion: 91 Resp: 163776
Ion Ratio Lower Upper
91 100
126 35.0 16.6 49.7





#83

tert-Butylbenzene

Concen: 51.113 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

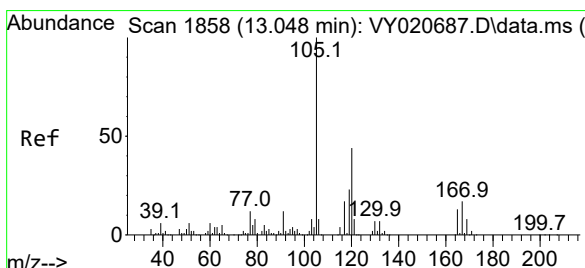
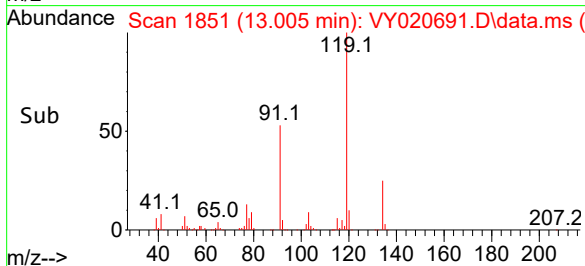
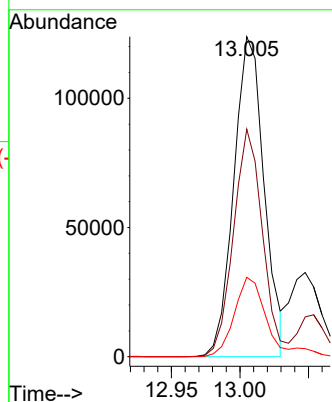
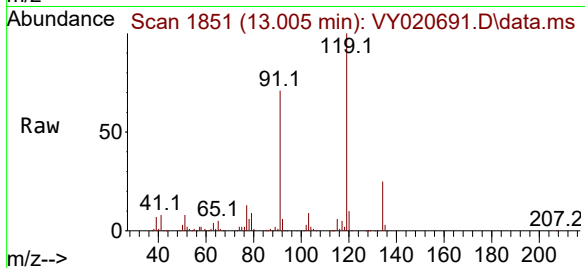
Tgt Ion:119 Resp: 190947

Ion Ratio Lower Upper

119 100

91 68.5 32.9 98.6

134 26.9 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 52.000 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020691.D

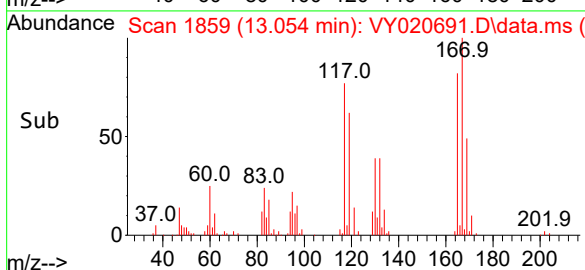
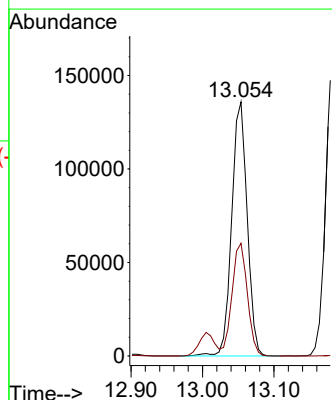
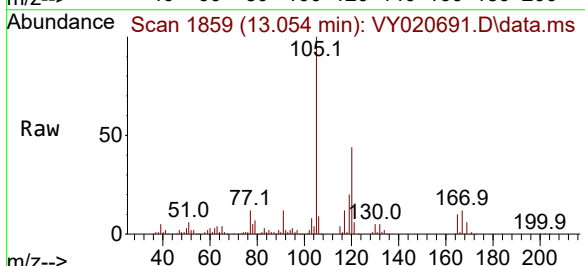
Acq: 23 Dec 2024 14:17

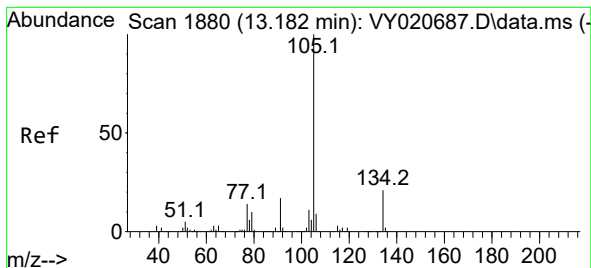
Tgt Ion:105 Resp: 203948

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.4





#85

sec-Butylbenzene

Concen: 51.742 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

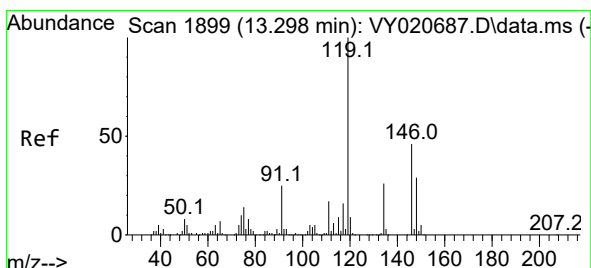
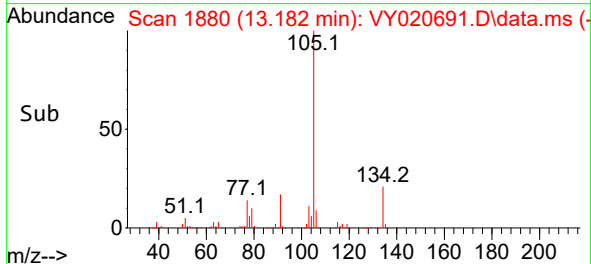
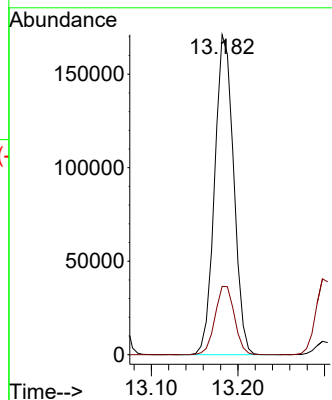
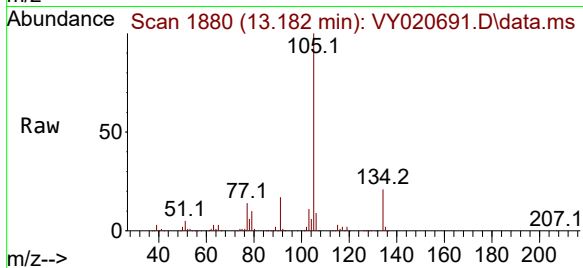
ICVVY122324

Tgt Ion:105 Resp: 260272

Ion Ratio Lower Upper

105 100

134 21.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 52.390 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

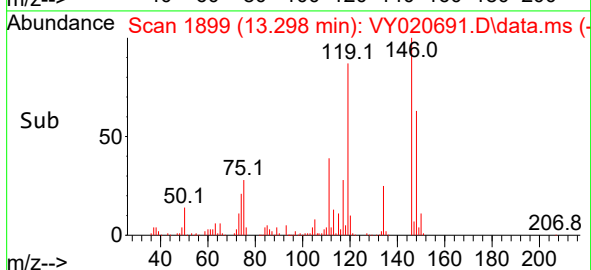
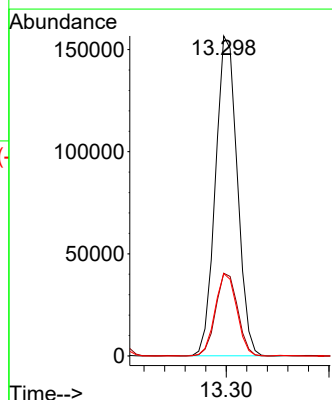
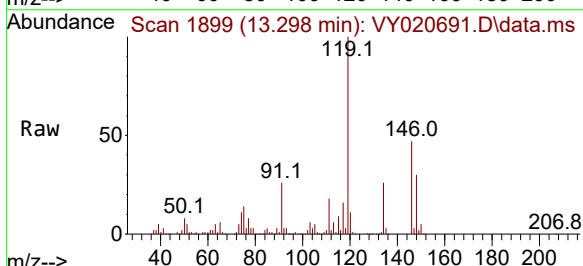
Tgt Ion:119 Resp: 230395

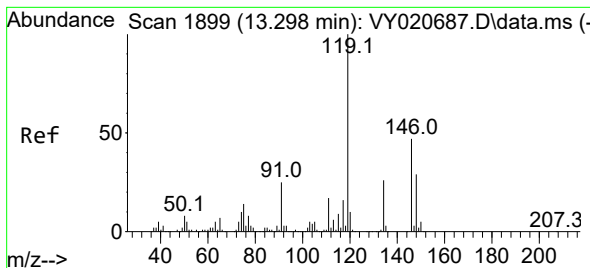
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 25.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.766 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

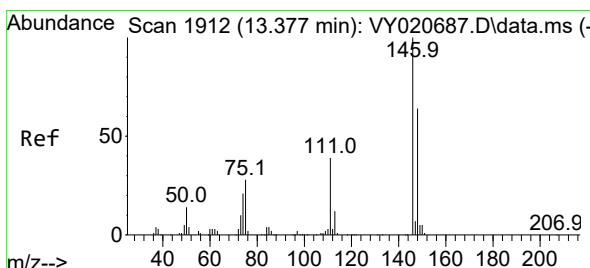
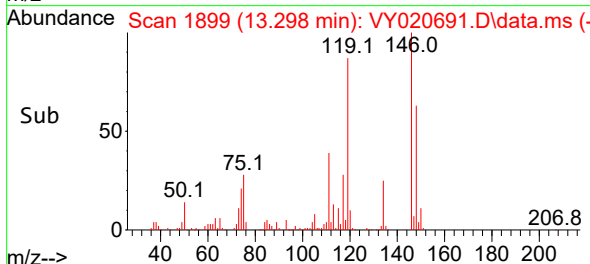
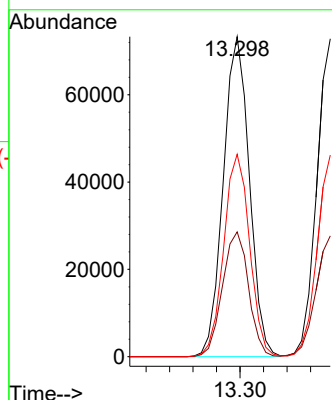
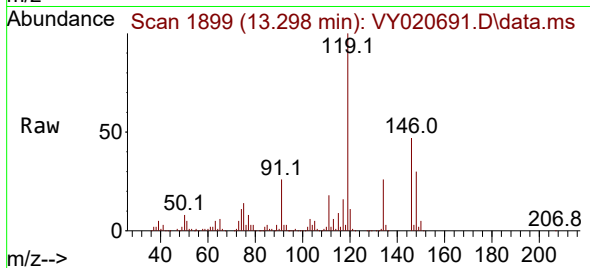
Tgt Ion:146 Resp: 112990

Ion Ratio Lower Upper

146 100

111 39.1 20.6 61.8

148 62.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 52.057 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

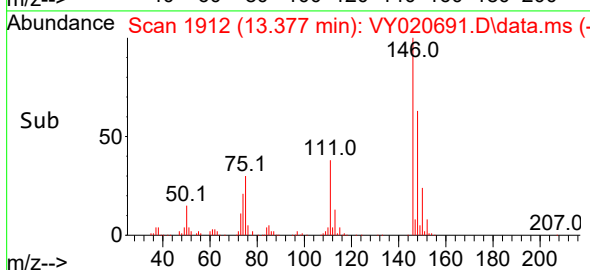
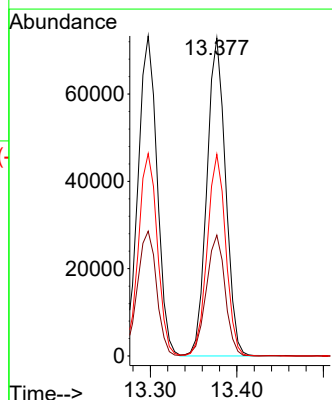
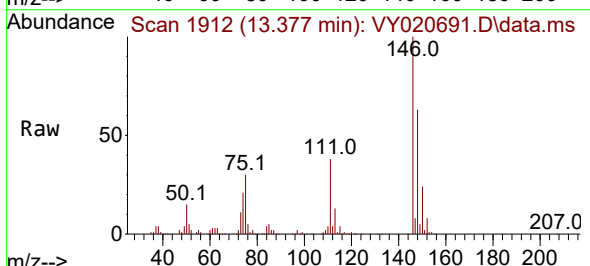
Tgt Ion:146 Resp: 109214

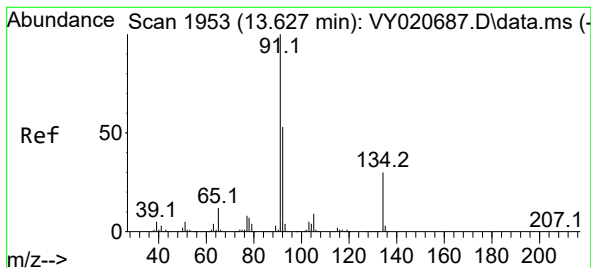
Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 52.674 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

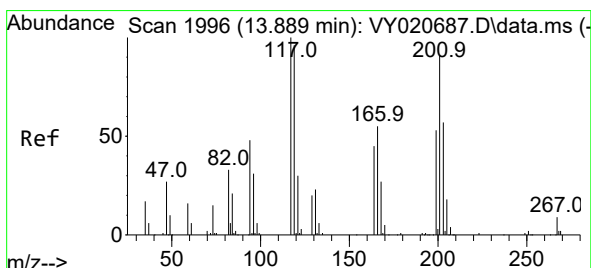
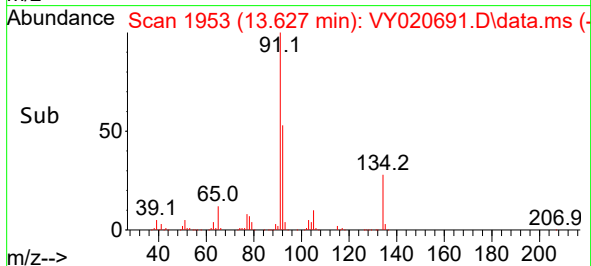
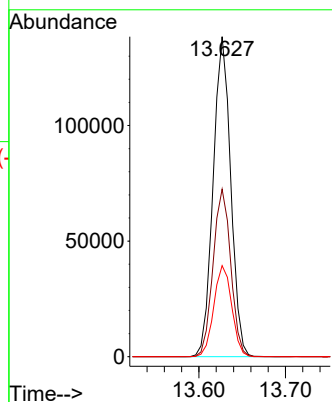
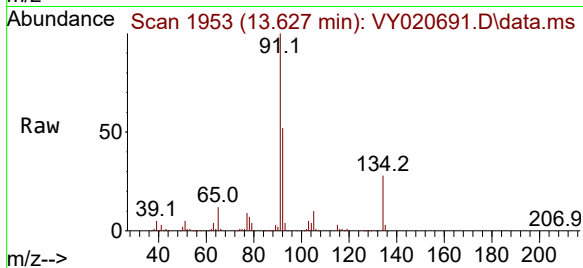
Tgt Ion: 91 Resp: 195149

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 29.0 12.5 37.5



#90

Hexachloroethane

Concen: 52.306 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020691.D

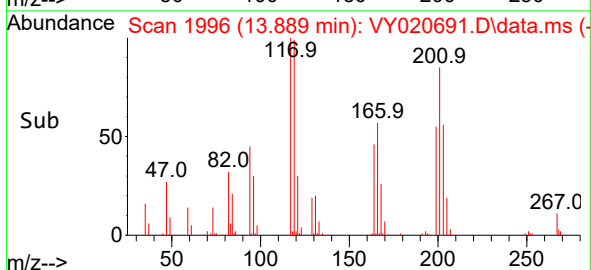
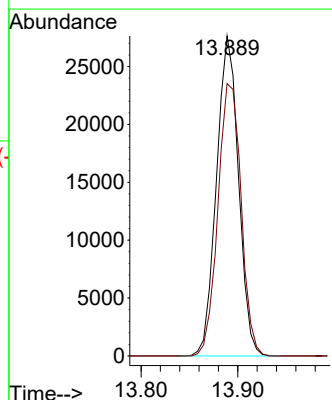
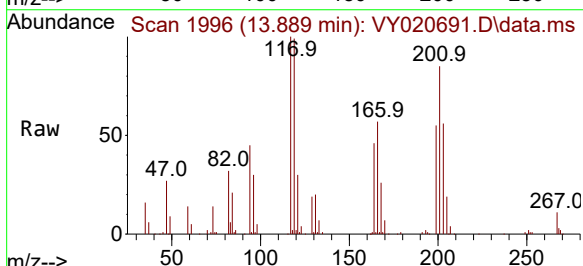
Acq: 23 Dec 2024 14:17

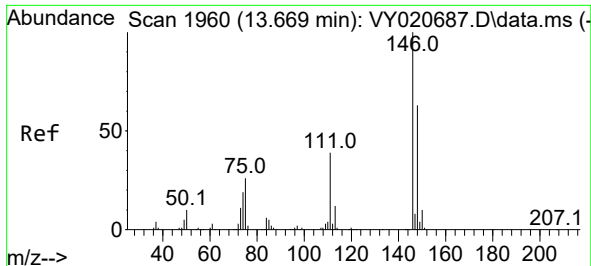
Tgt Ion: 117 Resp: 43638

Ion Ratio Lower Upper

117 100

201 89.6 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 52.069 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

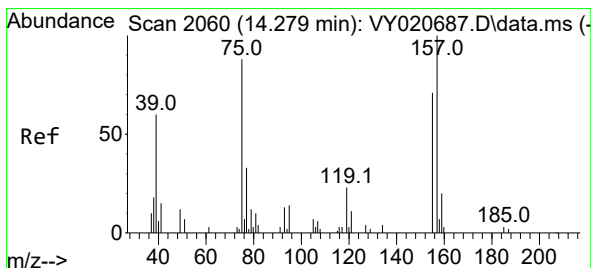
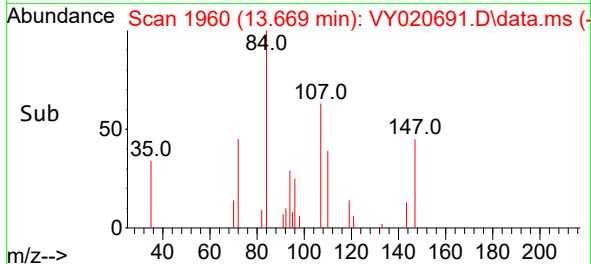
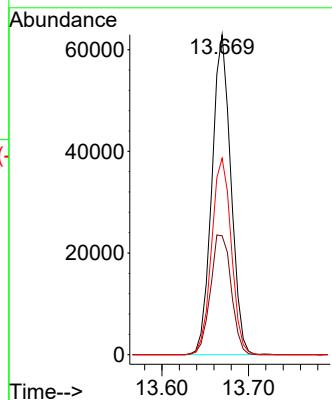
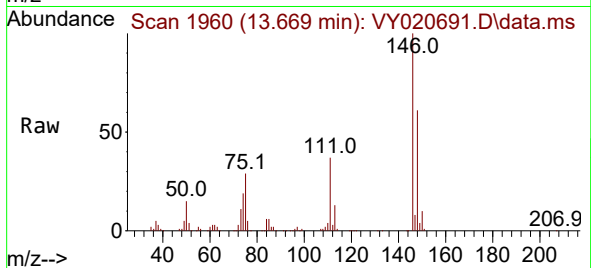
Tgt Ion:146 Resp: 95689

Ion Ratio Lower Upper

146 100

111 41.0 21.3 63.7

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.369 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

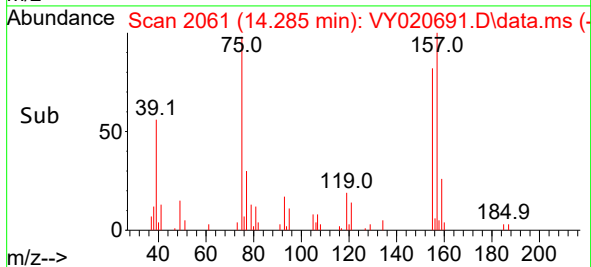
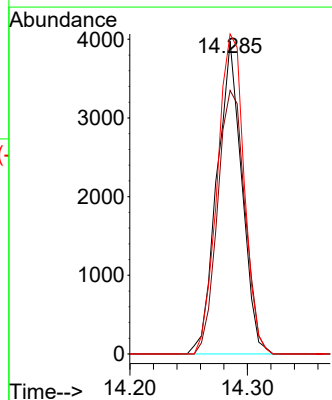
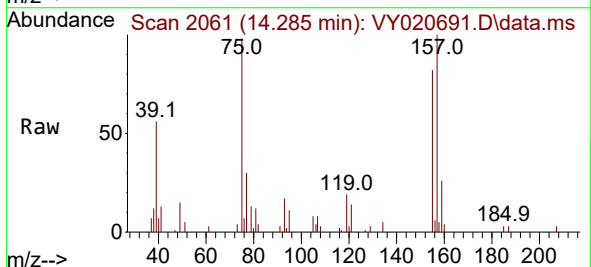
Tgt Ion: 75 Resp: 5860

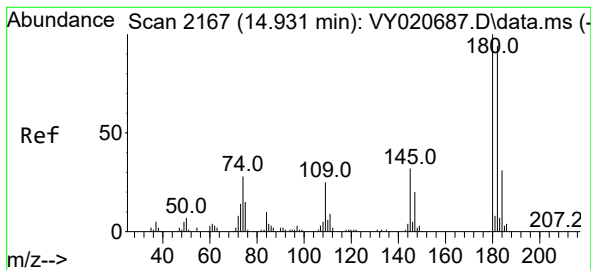
Ion Ratio Lower Upper

75 100

155 92.6 41.1 123.3

157 110.1 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 55.512 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122324

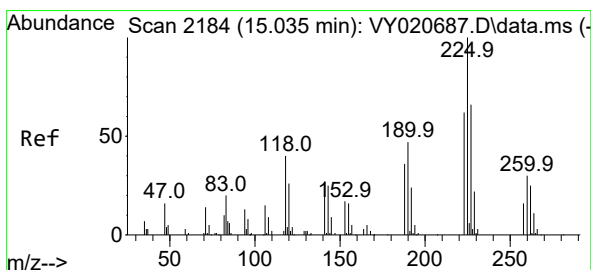
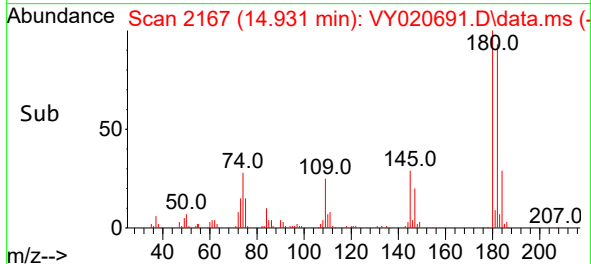
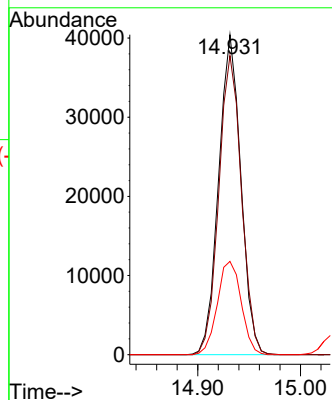
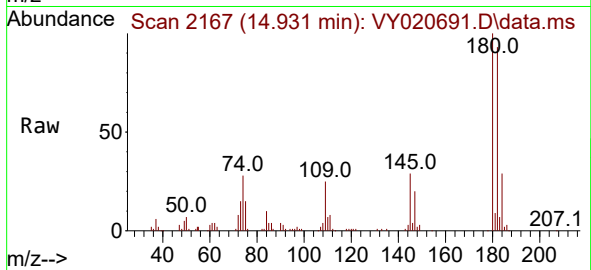
Tgt Ion:180 Resp: 60565

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 31.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 53.025 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

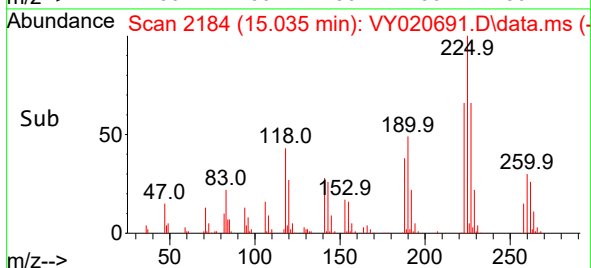
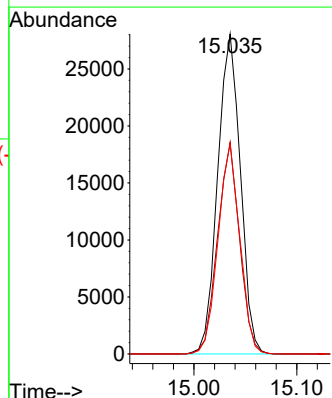
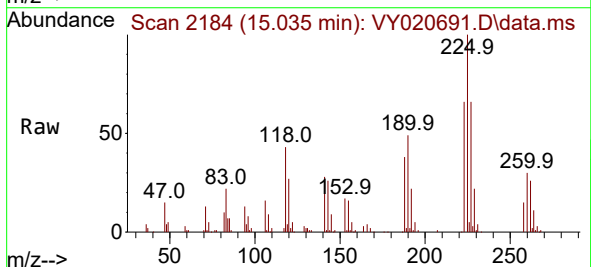
Tgt Ion:225 Resp: 43075

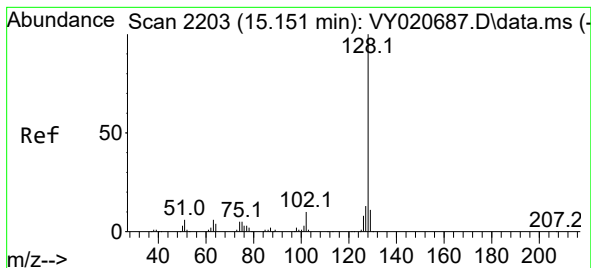
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.3

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 48.290 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122324

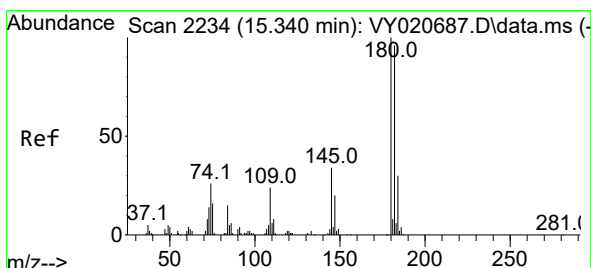
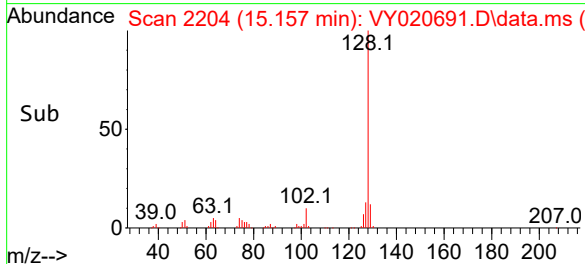
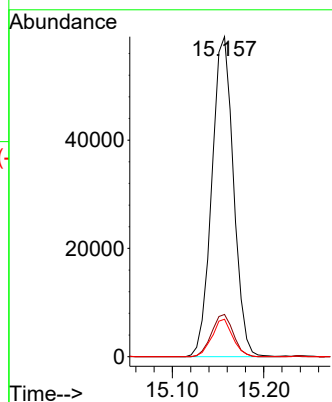
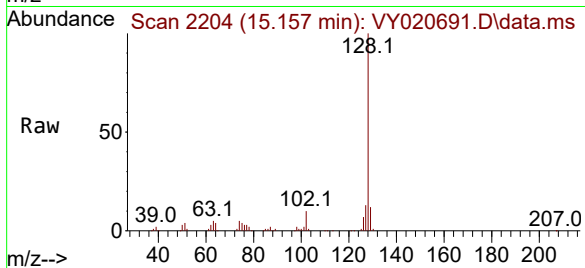
Tgt Ion:128 Resp: 97309

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 54.067 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020691.D

Acq: 23 Dec 2024 14:17

Tgt Ion:180 Resp: 49317

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 32.5 16.0 48.0

