

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020687.D
 Acq On : 23 Dec 2024 12:38
 Operator : SY/MD
 Sample : VSTDIC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 13:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	100940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	139898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	121636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	61579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	51574	57.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.646	113	46154	56.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.380%
50) Toluene-d8	10.115	98	174000	58.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.640%
62) 4-Bromofluorobenzene	12.414	95	59386	54.687	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	109.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	42835	55.082	ug/l	96
3) Chloromethane	2.080	50	17777	56.112	ug/l	97
4) Vinyl Chloride	2.214	62	21381	55.354	ug/l	97
5) Bromomethane	2.610	94	15093	55.337	ug/l	96
6) Chloroethane	2.751	64	12908	54.984	ug/l	95
7) Trichlorofluoromethane	3.080	101	77184	55.566	ug/l	97
8) Diethyl Ether	3.470	74	19441	58.473	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.836	101	41734	55.021	ug/l	93
10) Methyl Iodide	4.025	142	50719	58.046	ug/l	88
11) Tert butyl alcohol	4.878	59	16066	224.495	ug/l #	84
12) 1,1-Dichloroethene	3.811	96	37410	55.572	ug/l	92
13) Acrolein	3.671	56	3945	276.475	ug/l	99
14) Allyl chloride	4.409	41	43532	55.144	ug/l #	70
15) Acrylonitrile	5.080	53	38117	311.030	ug/l	96
16) Acetone	3.885	43	29306	287.002	ug/l	100
17) Carbon Disulfide	4.128	76	98751	58.837	ug/l	99
18) Methyl Acetate	4.403	43	17098	64.721	ug/l #	85
19) Methyl tert-butyl Ether	5.134	73	105227	57.466	ug/l #	90
20) Methylene Chloride	4.635	84	37317	54.843	ug/l #	88
21) trans-1,2-Dichloroethene	5.141	96	40759	56.152	ug/l	87
22) Diisopropyl ether	6.037	45	90738	56.224	ug/l #	84
23) Vinyl Acetate	5.976	43	284907	298.130	ug/l #	87
24) 1,1-Dichloroethane	5.933	63	67447	56.061	ug/l	97
25) 2-Butanone	6.908	43	42834	298.618	ug/l #	78
26) 2,2-Dichloropropane	6.902	77	80543	53.510	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	47680	55.150	ug/l	91
28) Bromochloromethane	7.262	49	18468	51.512	ug/l #	58
29) Tetrahydrofuran	7.274	42	26976	319.967	ug/l #	75
30) Chloroform	7.433	83	84862	53.662	ug/l	96
31) Cyclohexane	7.719	56	54066	51.254	ug/l #	81
32) 1,1,1-Trichloroethane	7.634	97	91153	55.174	ug/l	96
36) 1,1-Dichloropropene	7.853	75	56184	56.269	ug/l	95
37) Ethyl Acetate	6.994	43	20340	62.332	ug/l #	94
38) Carbon Tetrachloride	7.835	117	91548	56.659	ug/l	96
39) Methylcyclohexane	9.121	83	71616	56.429	ug/l	93
40) Benzene	8.091	78	162713	56.488	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11416	61.814	ug/l #	85
42) 1,2-Dichloroethane	8.170	62	53759	58.683	ug/l	98
43) Isopropyl Acetate	8.207	43	42444	62.581	ug/l #	91
44) Trichloroethene	8.878	130	47471	55.530	ug/l	96
45) 1,2-Dichloropropane	9.146	63	32310	57.090	ug/l	97
46) Dibromomethane	9.243	93	22781	58.307	ug/l	91
47) Bromodichloromethane	9.432	83	64511	58.206	ug/l	93
48) Methyl methacrylate	9.231	41	19395	60.325	ug/l #	76
49) 1,4-Dioxane	9.243	88	5175	1263.038	ug/l #	81
51) 4-Methyl-2-Pentanone	10.005	43	103549	305.637	ug/l	93
52) Toluene	10.182	92	110772	56.472	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	57524	58.656	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	63223	58.506	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	29932	59.166	ug/l	91
56) Ethyl methacrylate	10.444	69	40146	62.210	ug/l	87
57) 1,3-Dichloropropane	10.725	76	49363	59.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	70894	293.980	ug/l #	82
59) 2-Hexanone	10.768	43	69770	323.304	ug/l	92
60) Dibromochloromethane	10.920	129	46892	58.055	ug/l	99
61) 1,2-Dibromoethane	11.024	107	28413	59.909	ug/l	100
64) Tetrachloroethene	10.652	164	44055	54.535	ug/l	98
65) Chlorobenzene	11.450	112	124322	54.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	48471	54.608	ug/l	94
67) Ethyl Benzene	11.530	91	223894	54.902	ug/l	99
68) m/p-Xylenes	11.633	106	170991	109.956	ug/l	99
69) o-Xylene	11.962	106	81469	55.771	ug/l	100
70) Styrene	11.975	104	136156	55.416	ug/l	98
71) Bromoform	12.139	173	30077	59.159	ug/l #	99
73) Isopropylbenzene	12.261	105	225831	53.916	ug/l	99
74) N-amyl acetate	12.078	43	36365	61.787	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	30636	56.838	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46299	114.713	ug/l #	100
77) Bromobenzene	12.536	156	52505	55.049	ug/l	85
78) n-propylbenzene	12.603	91	254354	53.863	ug/l	95
79) 2-Chlorotoluene	12.688	91	145847	54.253	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	188299	54.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11989	61.368	ug/l	91
82) 4-Chlorotoluene	12.785	91	149088	54.377	ug/l	95
83) tert-Butylbenzene	13.005	119	175014	54.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	187108	55.133	ug/l	100
85) sec-Butylbenzene	13.182	105	234783	53.941	ug/l	97
86) p-Isopropyltoluene	13.298	119	207868	54.626	ug/l	97
87) 1,3-Dichlorobenzene	13.298	146	103140	55.664	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	98848	54.451	ug/l	98
89) n-Butylbenzene	13.627	91	173932	54.256	ug/l	96
90) Hexachloroethane	13.889	117	39363	54.527	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	88113	55.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5889	57.338	ug/l	92
93) 1,2,4-Trichlorobenzene	14.931	180	54343	57.563	ug/l	100
94) Hexachlorobutadiene	15.035	225	38655	54.993	ug/l	99
95) Naphthalene	15.151	128	94107	53.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	45974	58.249	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 13:45:38 2024
Response via : Initial Calibration

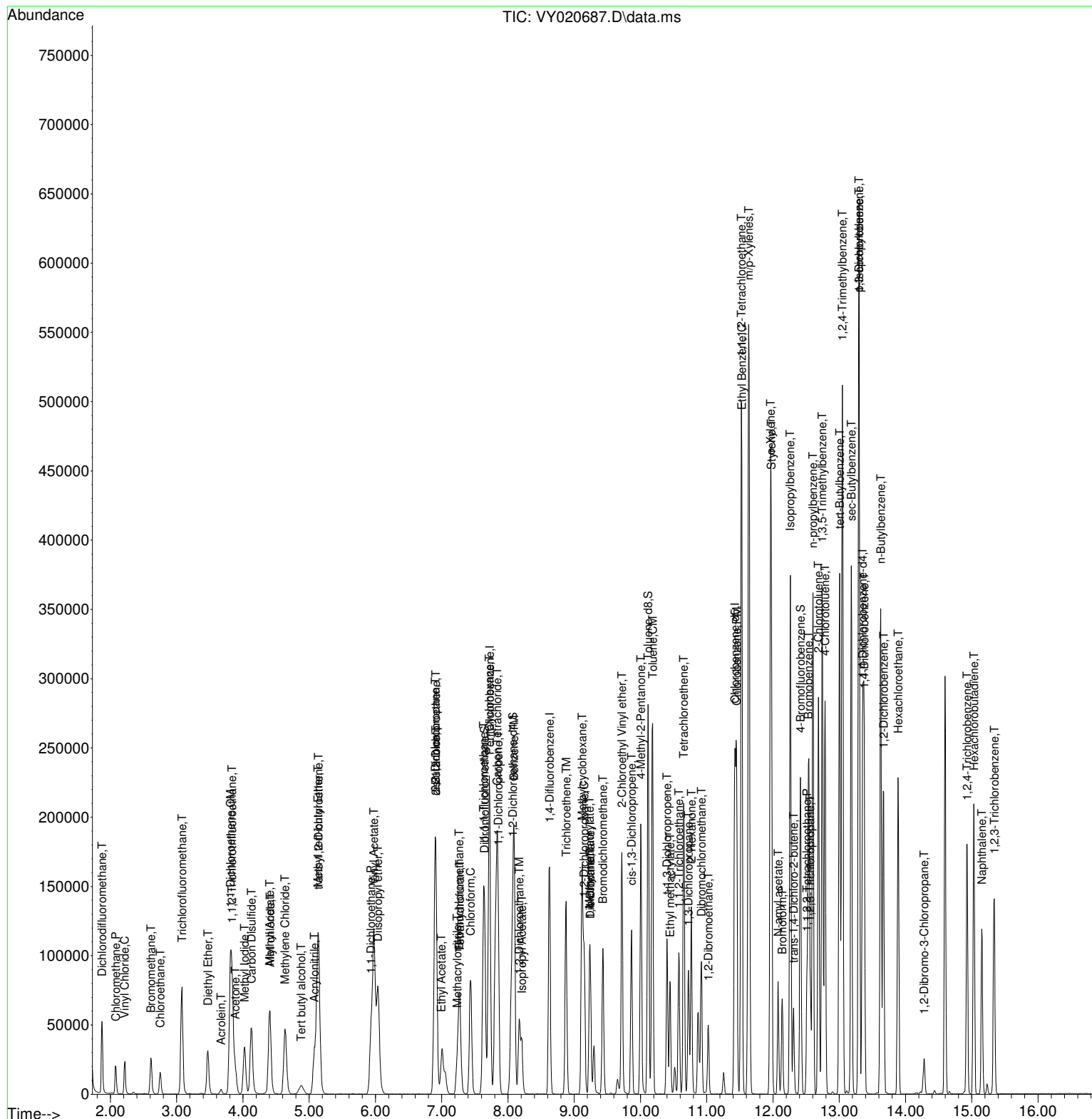
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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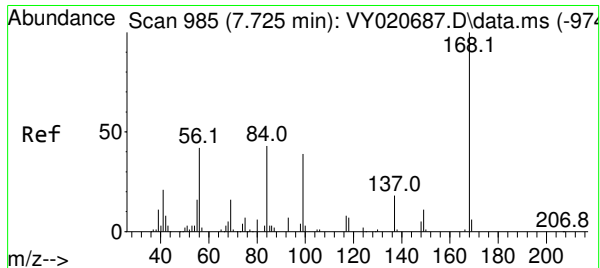
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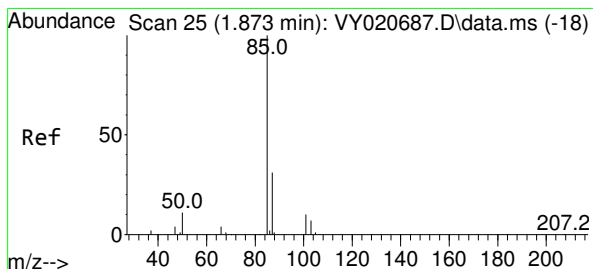
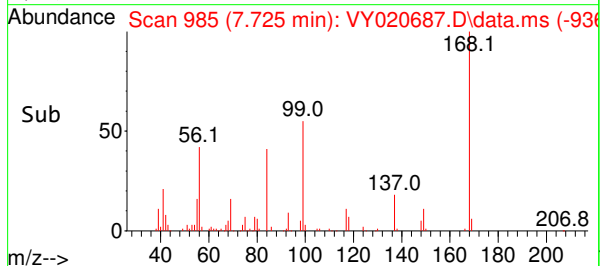
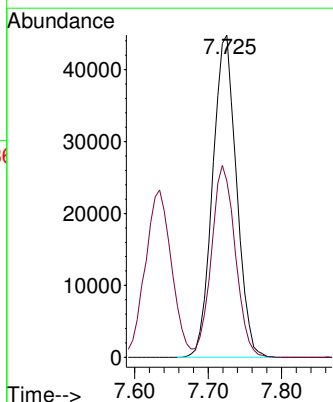
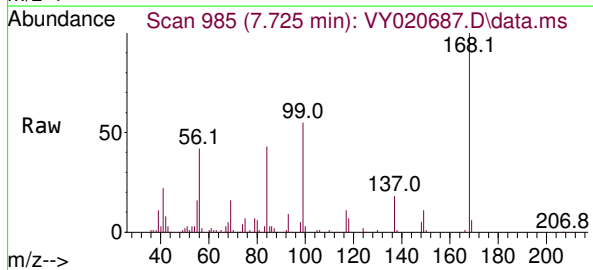




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 985
Delta R.T. 0.000 min
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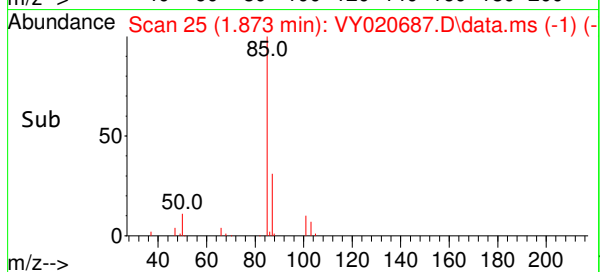
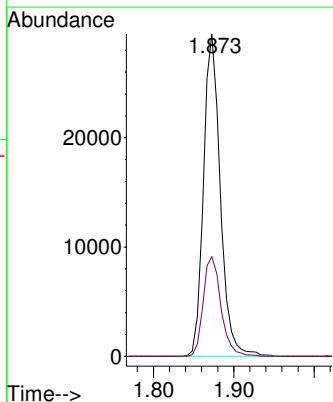
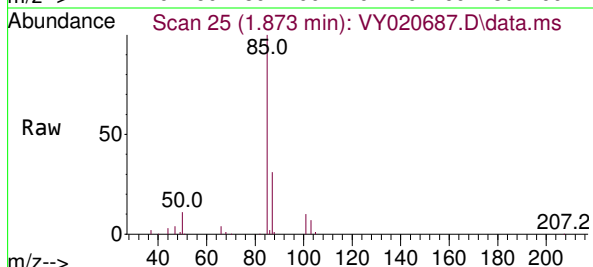
Instrument :
MSVOA_Y
ClientSampleId :

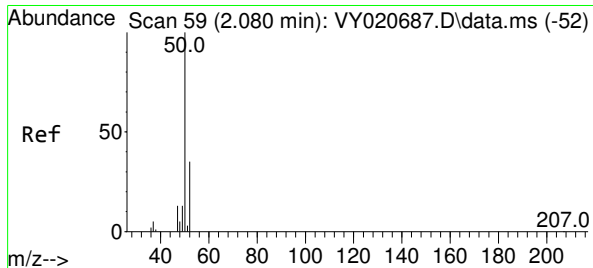
Tgt Ion:168 Resp: 100940
Ion Ratio Lower Upper
168 100
99 54.7 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 55.082 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 85 Resp: 42835
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.3

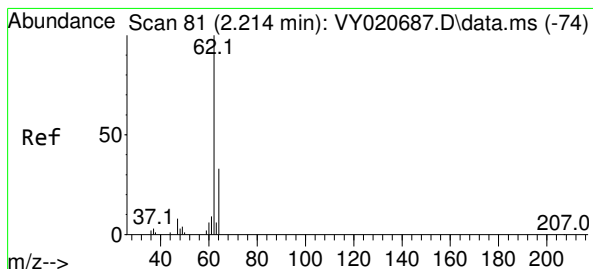
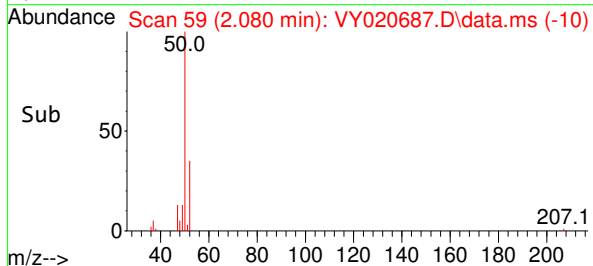
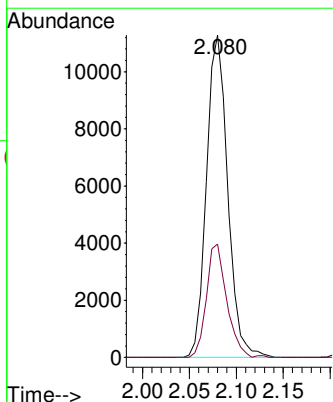
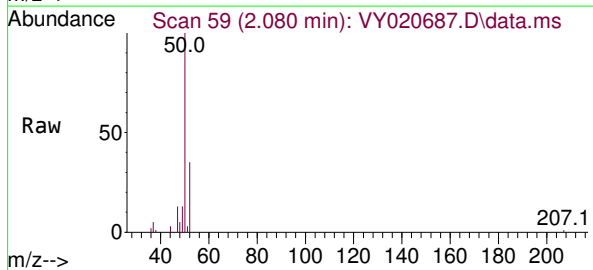




#3
Chloromethane
Concen: 56.112 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

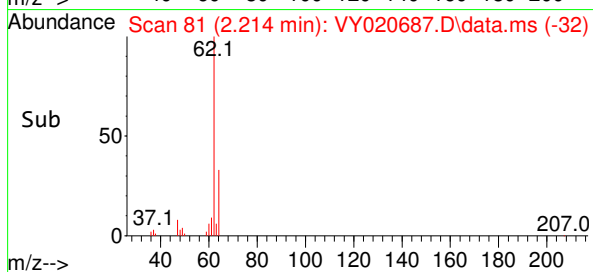
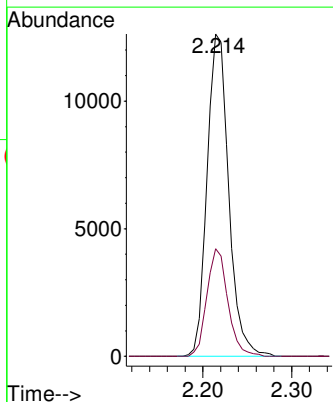
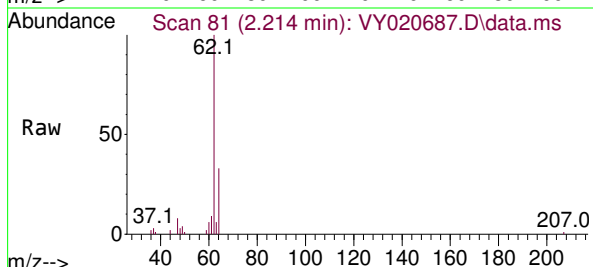
Instrument :
MSVOA_Y
ClientSampleId :

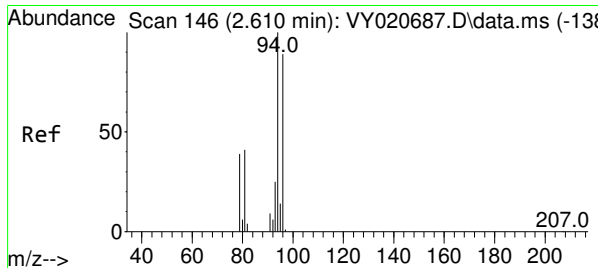
Tgt Ion: 50 Resp: 17777
Ion Ratio Lower Upper
50 100
52 35.2 26.8 40.2



#4
Vinyl Chloride
Concen: 55.354 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 62 Resp: 21381
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9

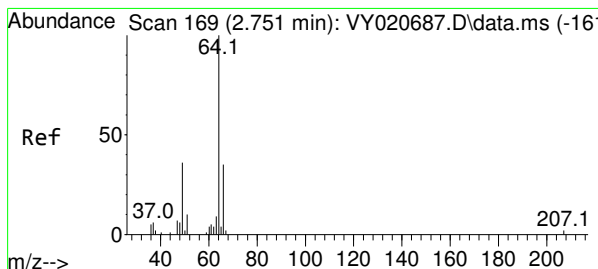
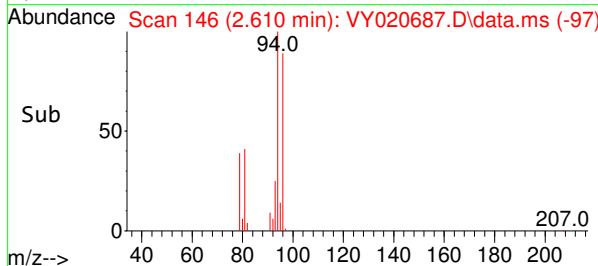
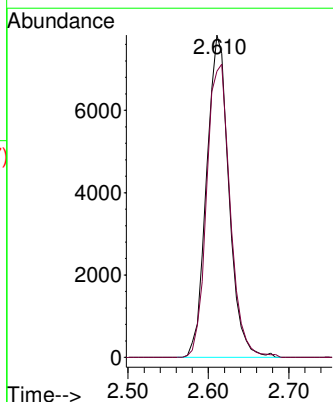
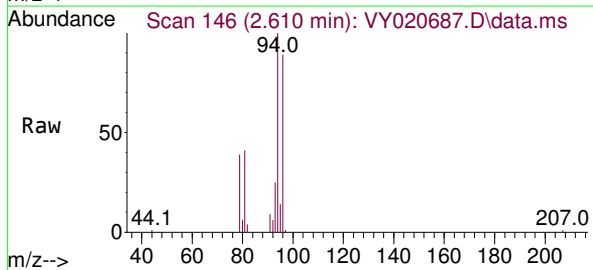




#5
Bromomethane
Concen: 55.337 ug/l
RT: 2.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
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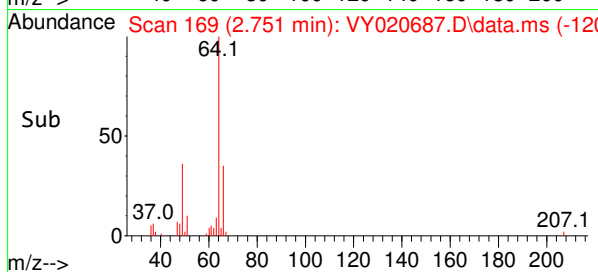
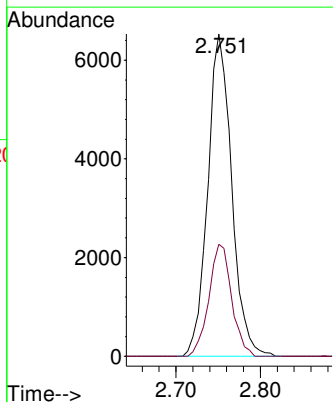
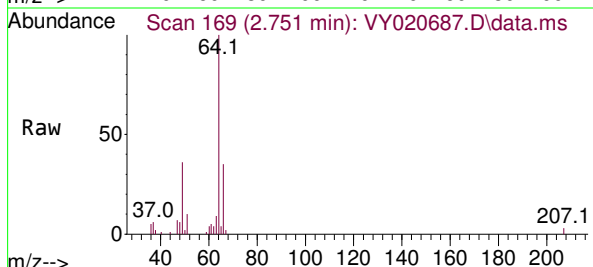
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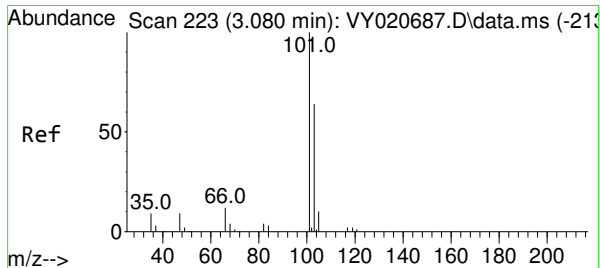
Tgt Ion: 94 Resp: 15093
Ion Ratio Lower Upper
94 100
96 88.8 73.8 110.6



#6
Chloroethane
Concen: 54.984 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 64 Resp: 12908
Ion Ratio Lower Upper
64 100
66 34.8 25.8 38.6

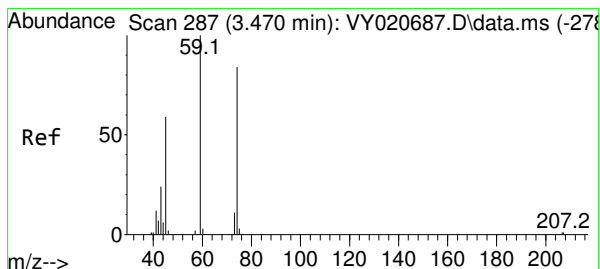
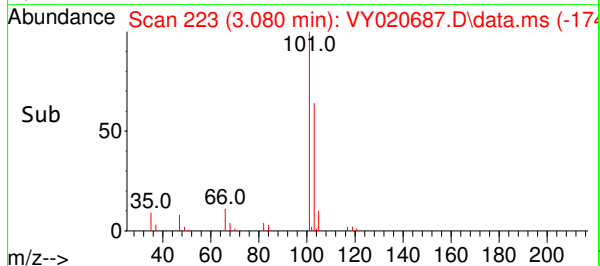
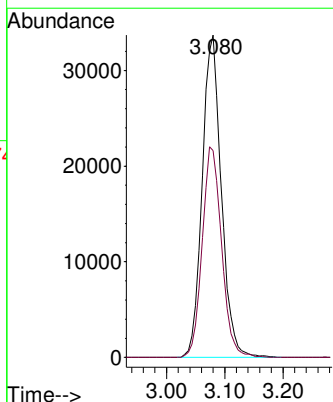
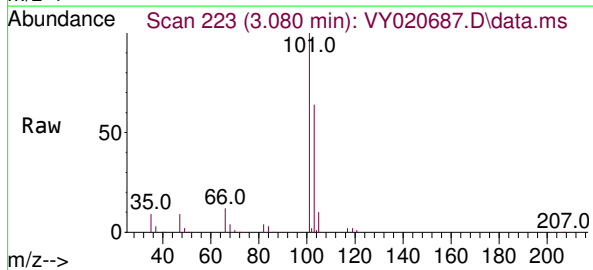




#7
Trichlorofluoromethane
Concen: 55.566 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

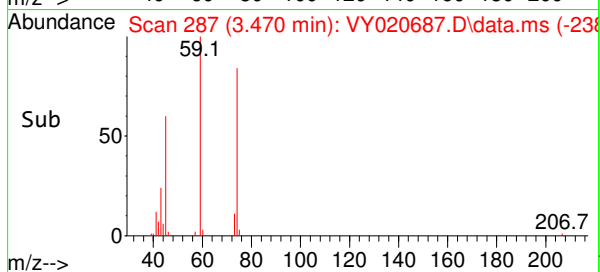
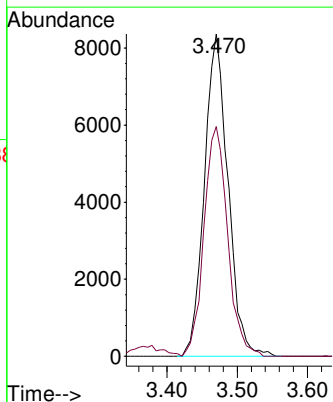
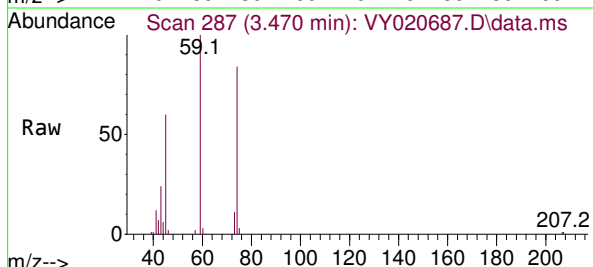
Instrument :
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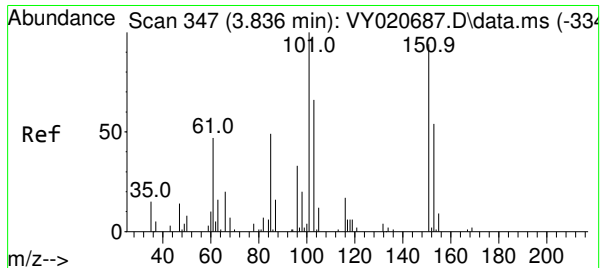
Tgt Ion: 101 Resp: 77184
Ion Ratio Lower Upper
101 100
103 64.2 53.4 80.0



#8
Diethyl Ether
Concen: 58.473 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 74 Resp: 19441
Ion Ratio Lower Upper
74 100
45 71.6 49.0 147.2

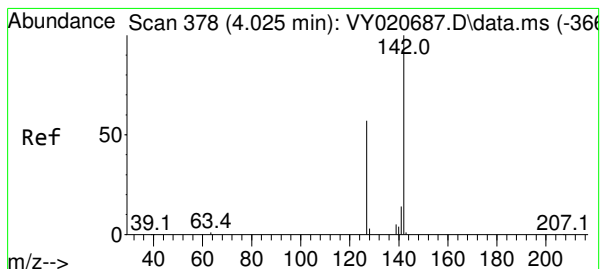
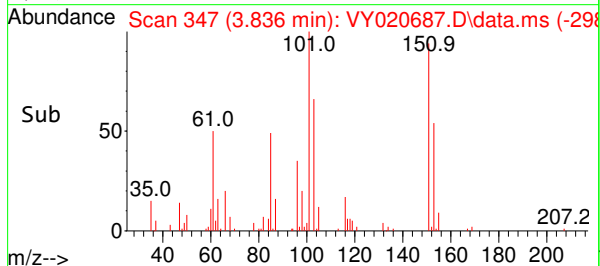
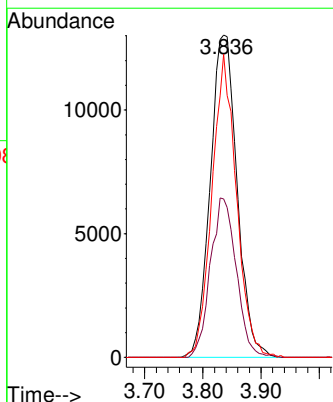
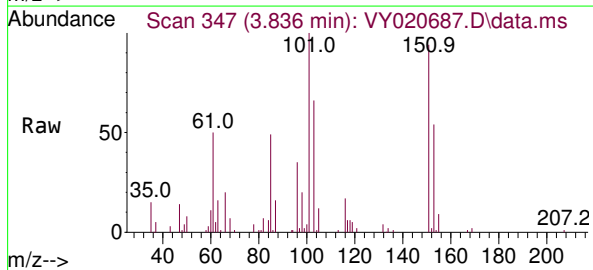




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.021 ug/l
RT: 3.836 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

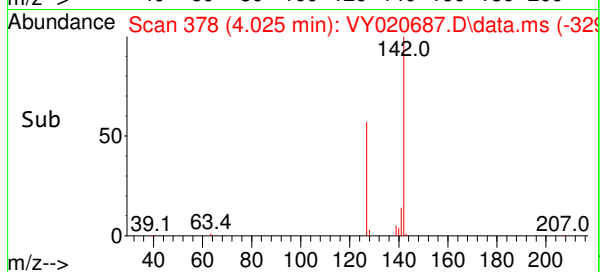
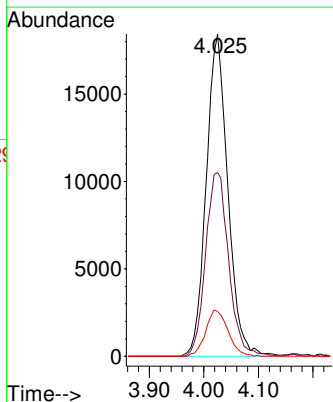
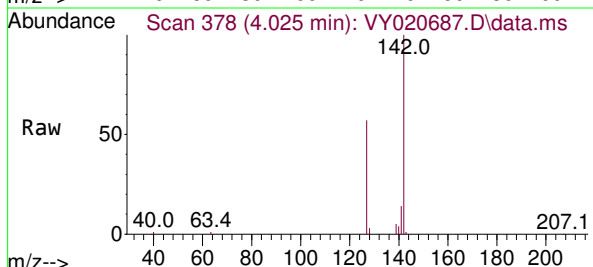
Instrument :
MSVOA_Y
ClientSampleId :

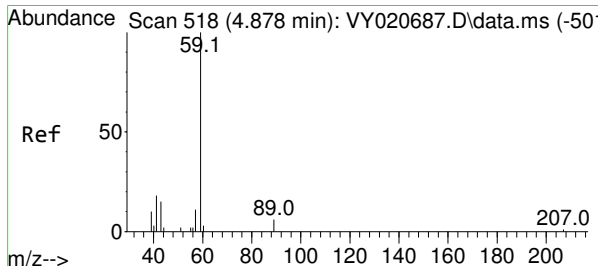
Tgt Ion:	101	Resp:	41734
Ion	Ratio	Lower	Upper
101	100		
85	47.7	36.6	54.8
151	85.5	61.5	92.3



#10
Methyl Iodide
Concen: 58.046 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:	142	Resp:	50719
Ion	Ratio	Lower	Upper
142	100		
127	61.0	40.6	61.0
141	14.9	11.7	17.5

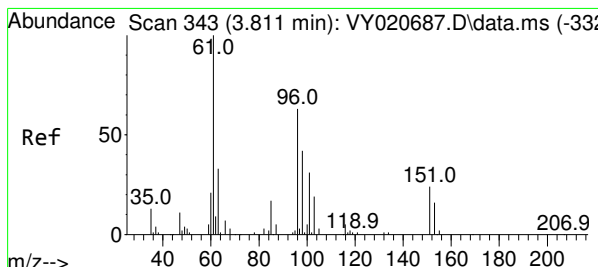
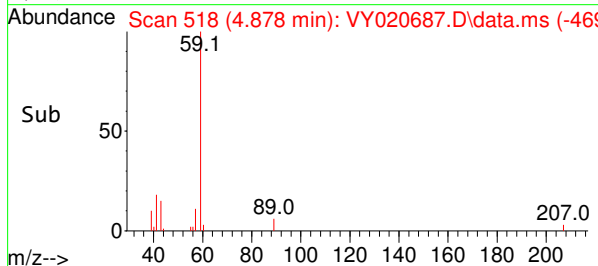
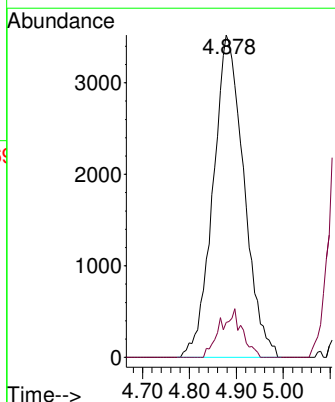
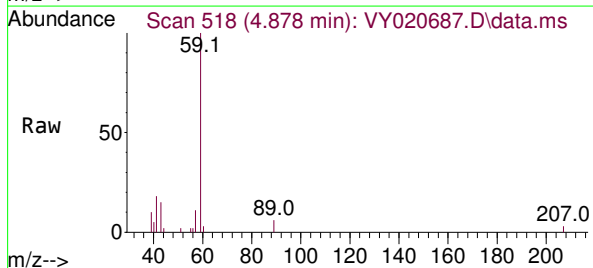




#11
Tert butyl alcohol
Concen: 224.495 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

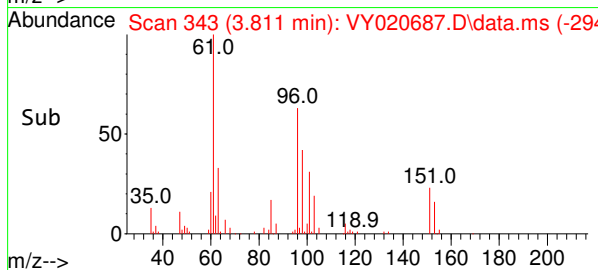
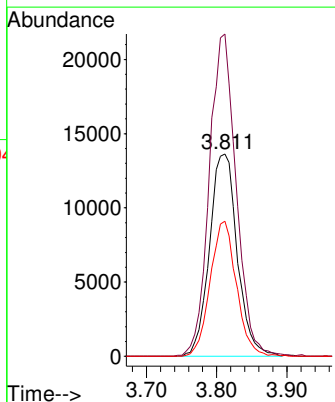
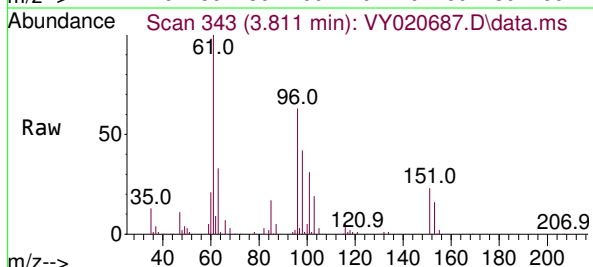
Instrument :
MSVOA_Y
ClientSampleId :

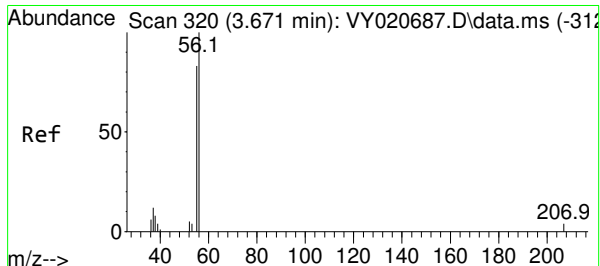
Tgt Ion: 59 Resp: 16066
Ion Ratio Lower Upper
59 100
57 3.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 55.572 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 96 Resp: 37410
Ion Ratio Lower Upper
96 100
61 158.9 136.9 205.3
98 66.7 50.2 75.4

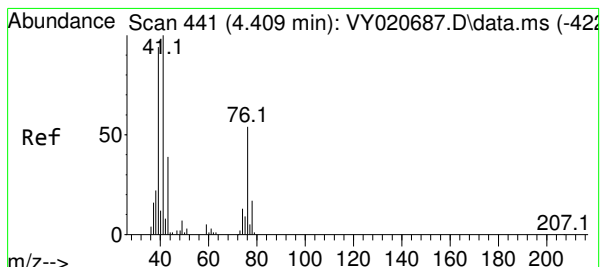
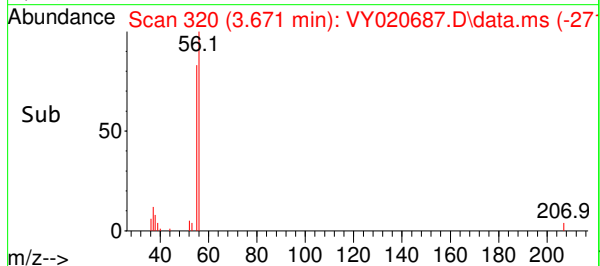
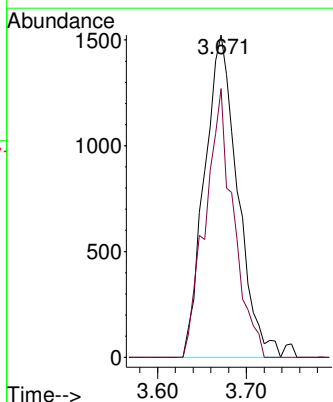
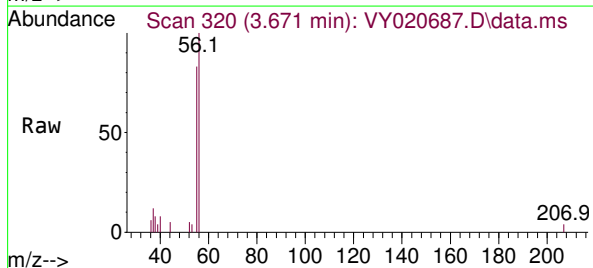




#13
Acrolein
Concen: 276.475 ug/l
RT: 3.671 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

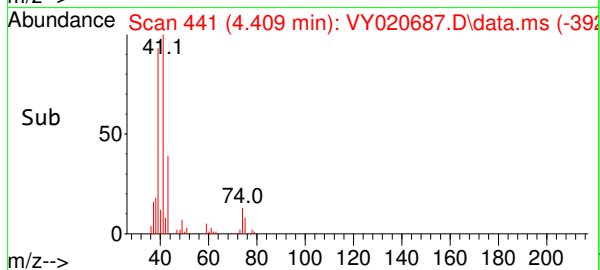
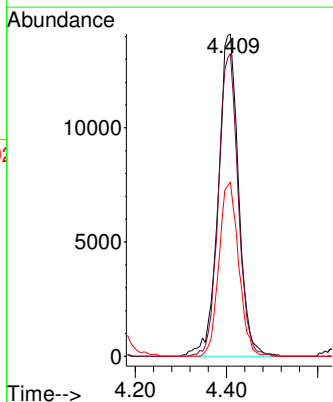
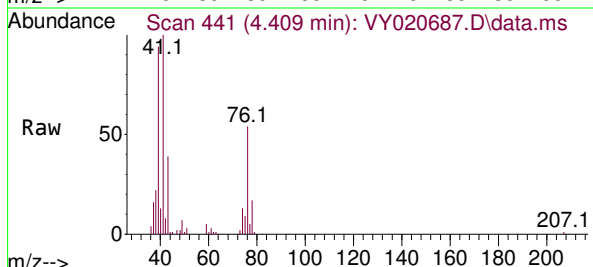
Instrument :
MSVOA_Y
ClientSampleId :

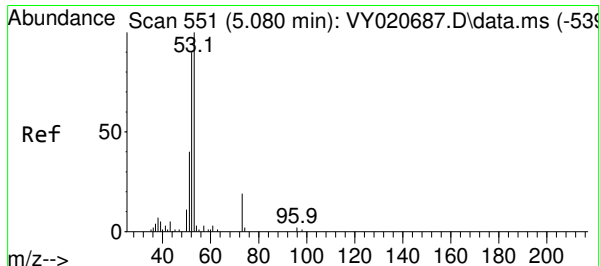
Tgt Ion: 56 Resp: 3945
Ion Ratio Lower Upper
56 100
55 71.2 57.5 86.3



#14
Allyl chloride
Concen: 55.144 ug/l
RT: 4.409 min Scan# 441
Delta R.T. -0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 41 Resp: 43532
Ion Ratio Lower Upper
41 100
39 91.9 53.0 79.4#
76 52.3 29.5 44.3#

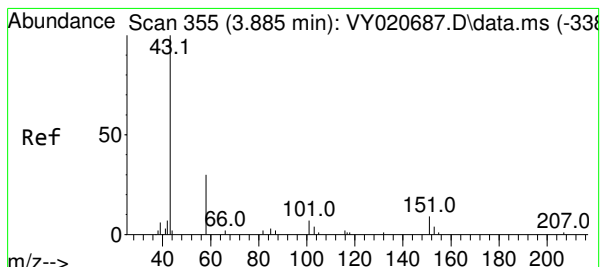
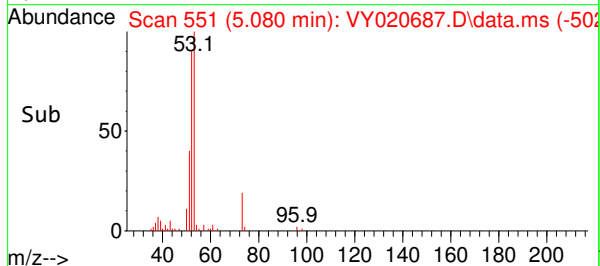
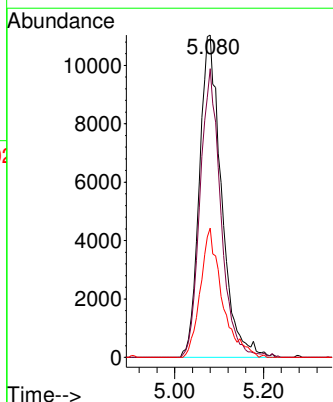
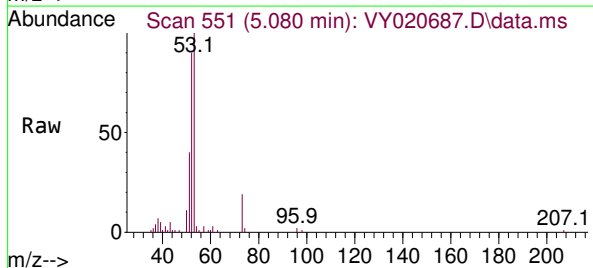




#15
Acrylonitrile
Concen: 311.030 ug/l
RT: 5.080 min Scan# 551
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

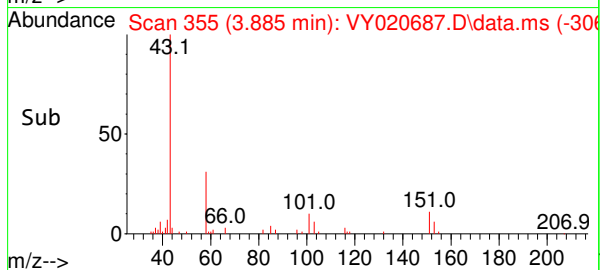
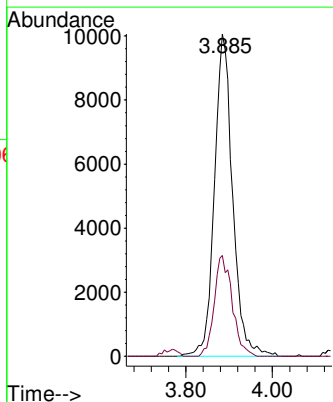
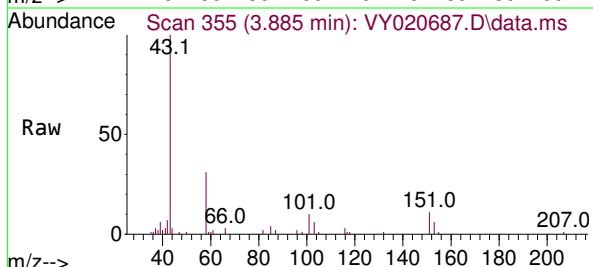
Instrument :
MSVOA_Y
ClientSampleId :

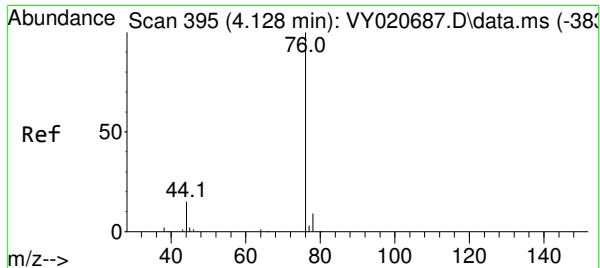
Tgt Ion:	53	Resp:	38117
Ion	Ratio	Lower	Upper
53	100		
52	83.9	64.5	96.7
51	39.2	29.4	44.0



#16
Acetone
Concen: 287.002 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:	43	Resp:	29306
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.0	37.6

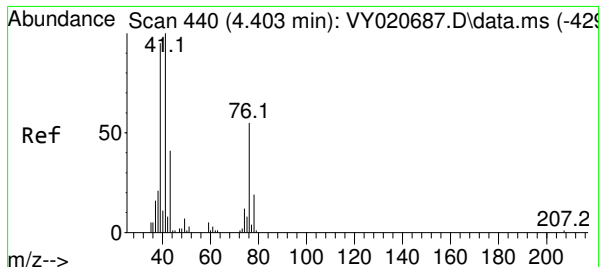
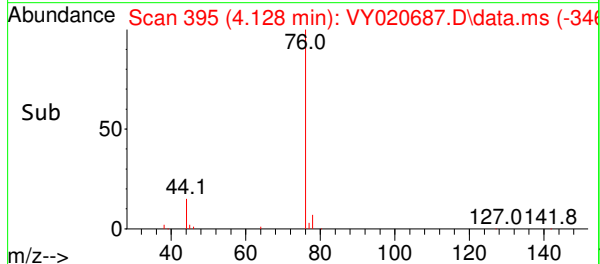
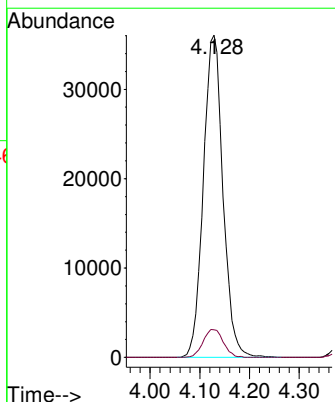
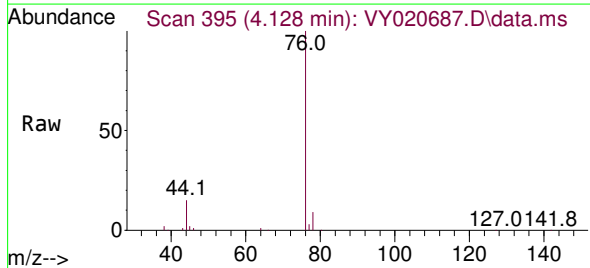




#17
Carbon Disulfide
Concen: 58.837 ug/l
RT: 4.128 min Scan# 395
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

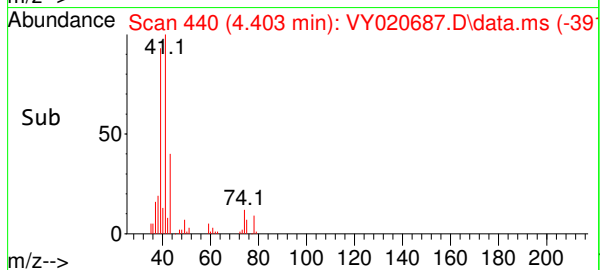
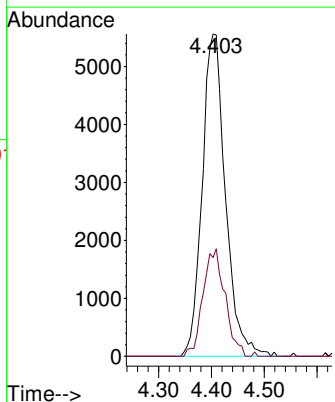
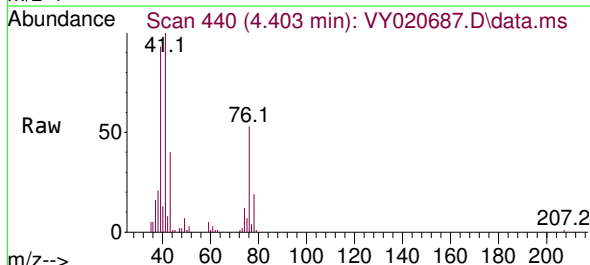
Instrument :
MSVOA_Y
ClientSampleId :

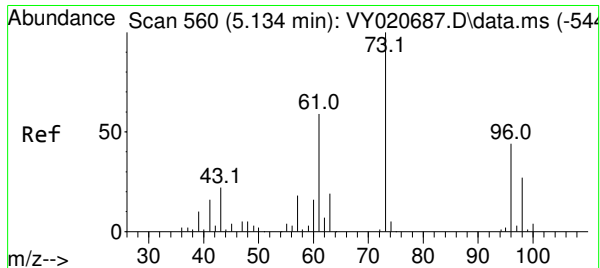
Tgt Ion: 76 Resp: 98751
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 64.721 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 43 Resp: 17098
Ion Ratio Lower Upper
43 100
74 31.6 19.2 28.8#

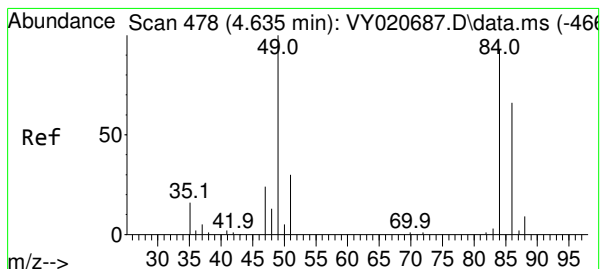
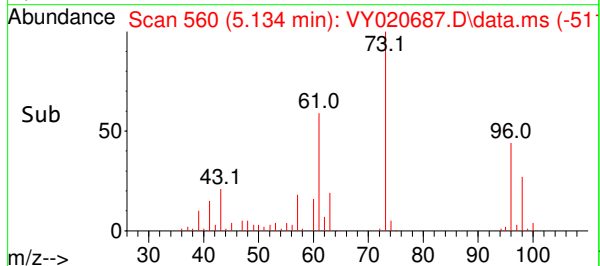
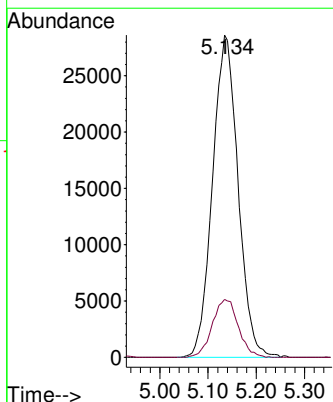
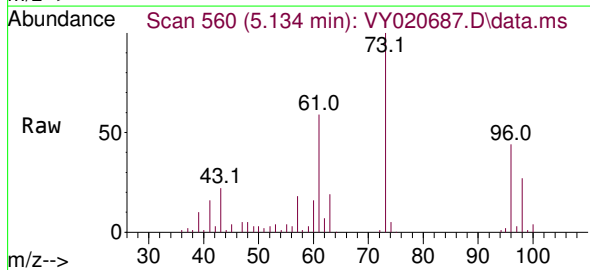




#19
Methyl tert-butyl Ether
Concen: 57.466 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

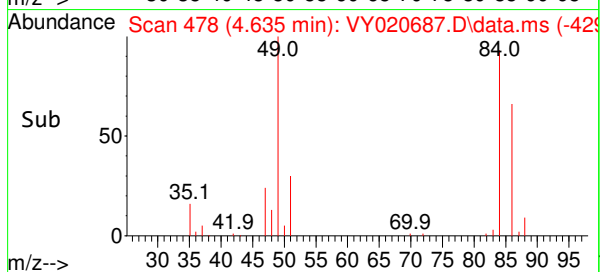
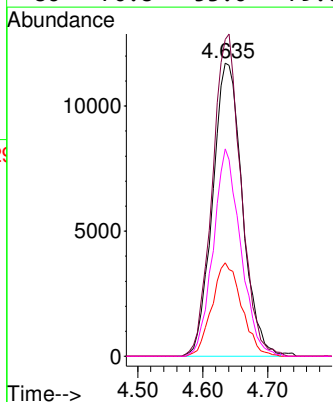
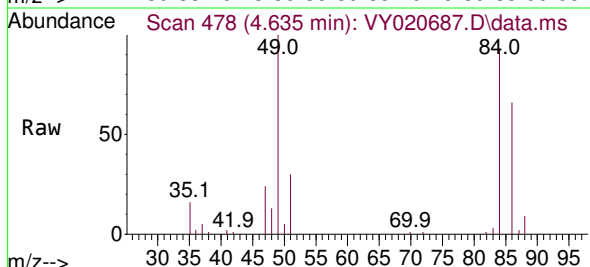
Instrument :
MSVOA_Y
ClientSampleId :

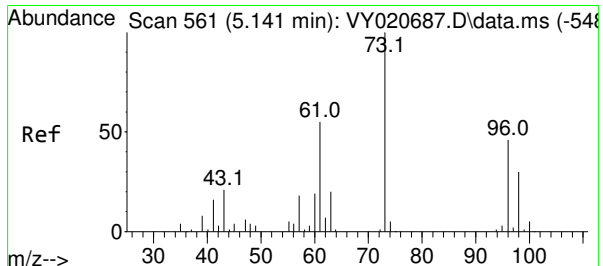
Tgt Ion: 73 Resp: 105227
Ion Ratio Lower Upper
73 100
57 18.0 18.5 27.7#



#20
Methylene Chloride
Concen: 54.843 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 84 Resp: 37317
Ion Ratio Lower Upper
84 100
49 108.0 100.7 151.1
51 31.9 32.2 48.2#
86 70.8 53.0 79.6

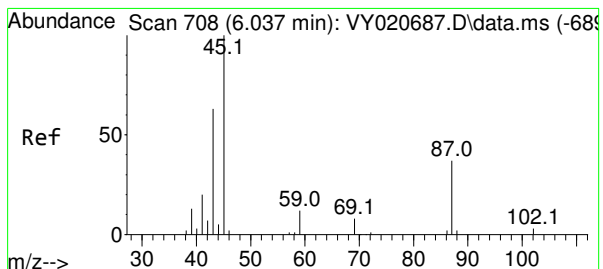
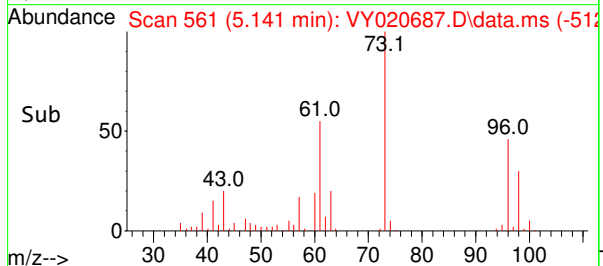
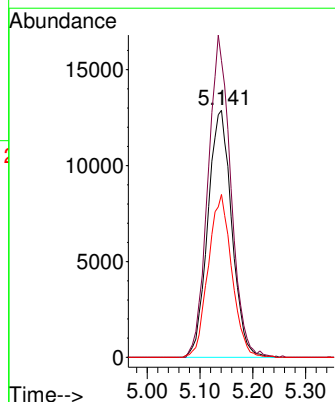
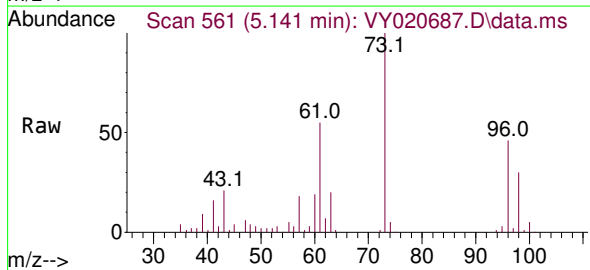




#21
trans-1,2-Dichloroethene
Concen: 56.152 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

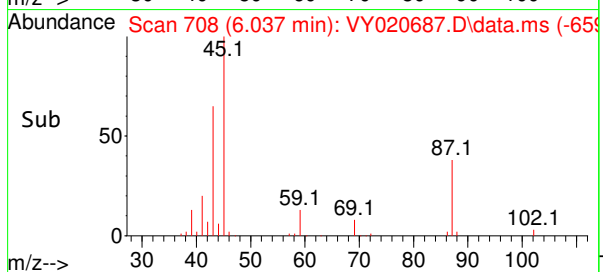
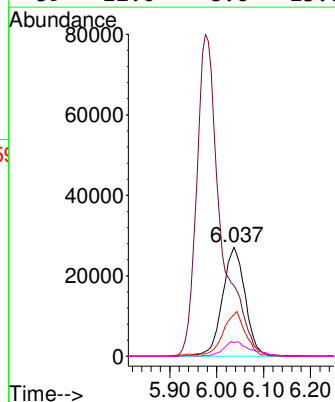
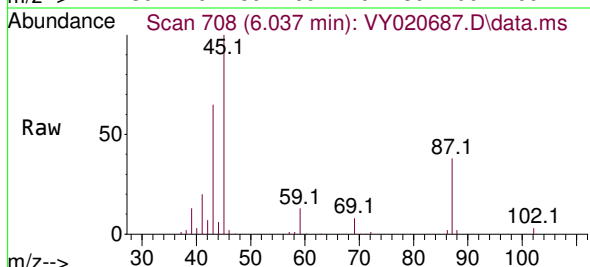
Instrument :
MSVOA_Y
ClientSampleId :

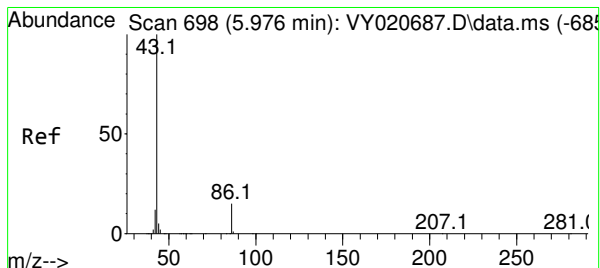
Tgt Ion: 96 Resp: 40759
Ion Ratio Lower Upper
96 100
61 120.1 113.7 170.5
98 65.9 51.7 77.5



#22
Diisopropyl ether
Concen: 56.224 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 45 Resp: 90738
Ion Ratio Lower Upper
45 100
43 64.1 42.6 64.0#
87 38.3 20.6 31.0#
59 12.0 8.6 13.0

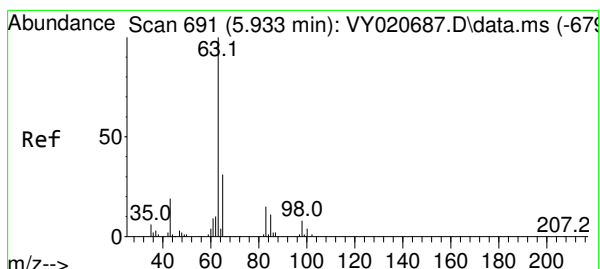
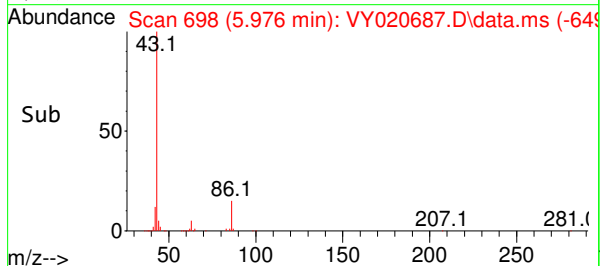
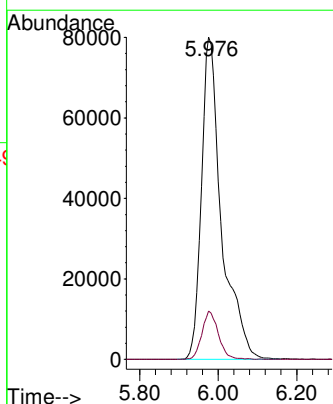
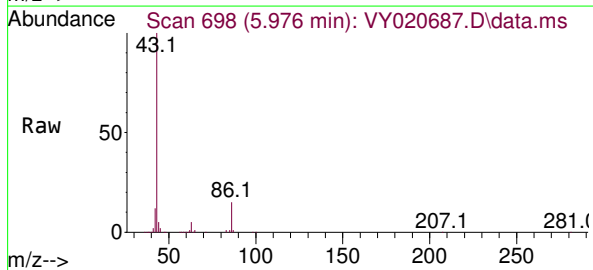




#23
 Vinyl Acetate
 Concen: 298.130 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

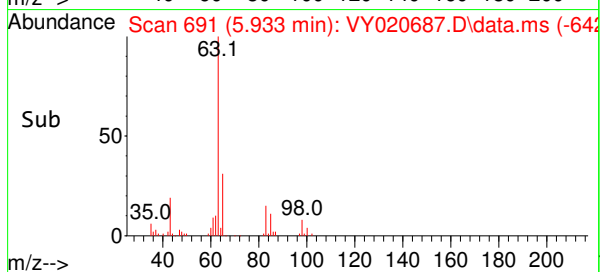
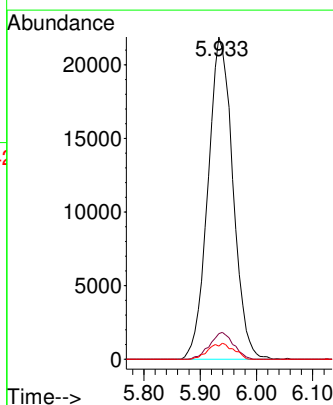
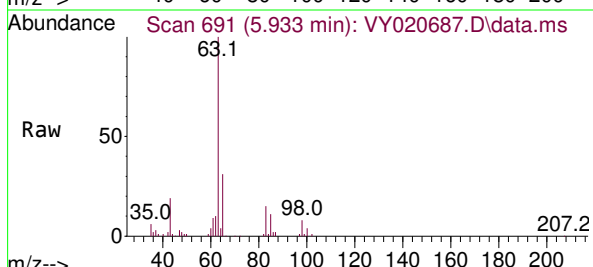
Instrument :
 MSVOA_Y
 ClientSampleId :

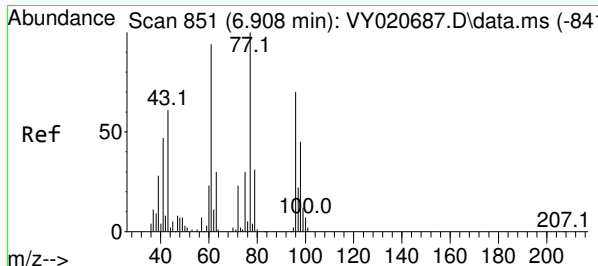
Tgt Ion: 43 Resp: 284907
 Ion Ratio Lower Upper
 43 100
 86 15.0 8.1 12.1#



#24
 1,1-Dichloroethane
 Concen: 56.061 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

Tgt Ion: 63 Resp: 67447
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.1
 100 4.1 2.1 6.5

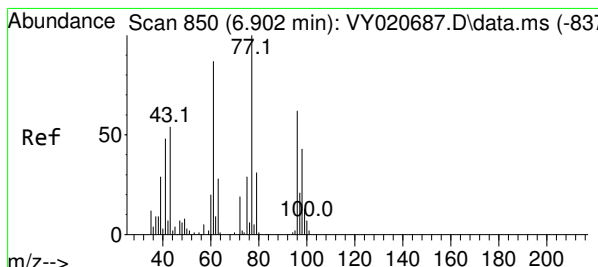
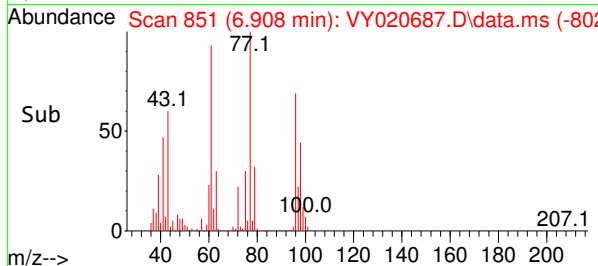
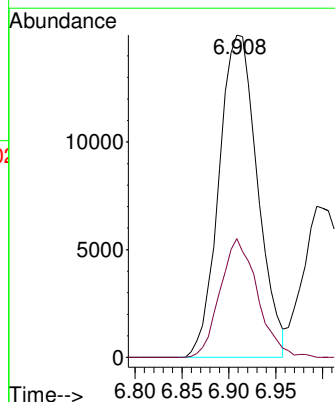
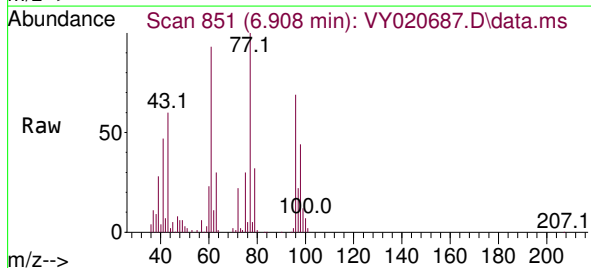




#25
2-Butanone
Concen: 298.618 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

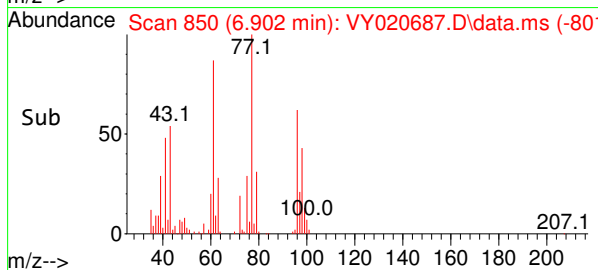
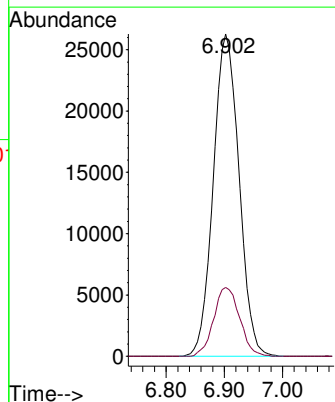
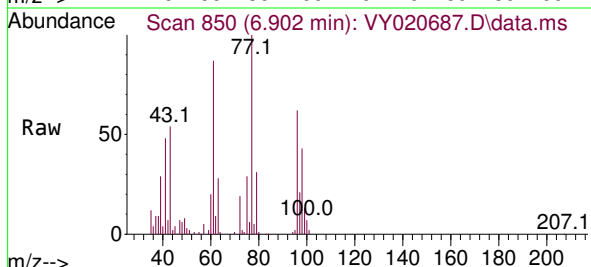
Instrument :
MSVOA_Y
ClientSampleId :

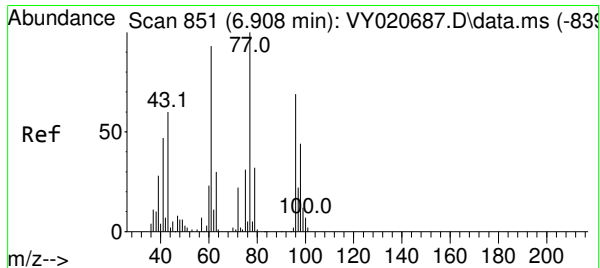
Tgt Ion: 43 Resp: 42834
Ion Ratio Lower Upper
43 100
72 36.9 20.6 31.0#



#26
2,2-Dichloropropane
Concen: 53.510 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 77 Resp: 80543
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.6

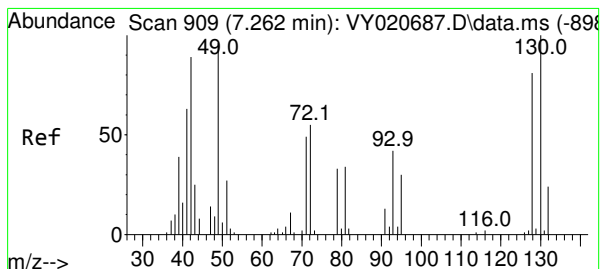
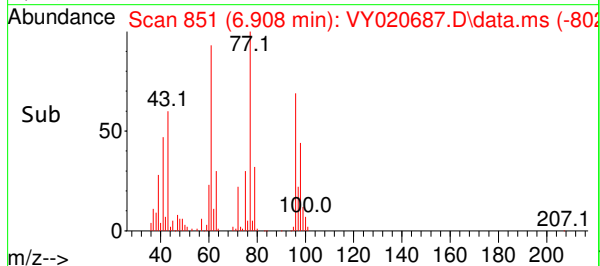
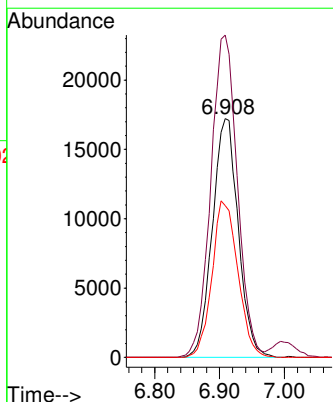
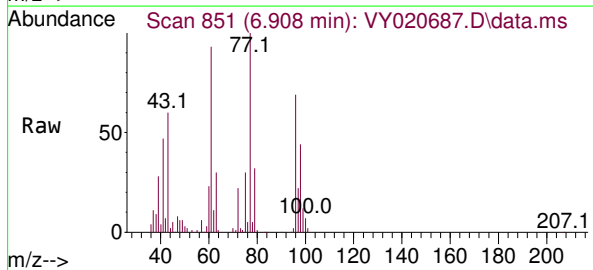




#27
 cis-1,2-Dichloroethene
 Concen: 55.150 ug/l
 RT: 6.908 min Scan# 851
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

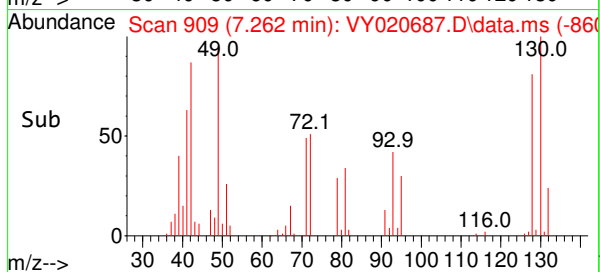
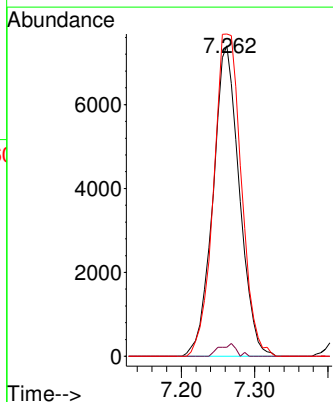
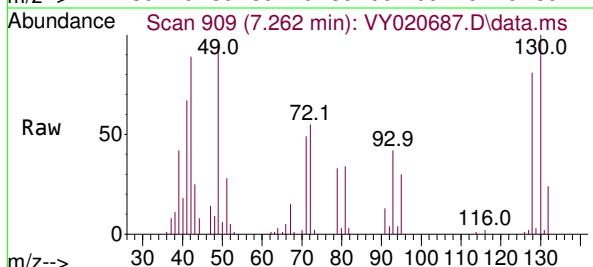
Instrument :
 MSVOA_Y
 ClientSampleId :

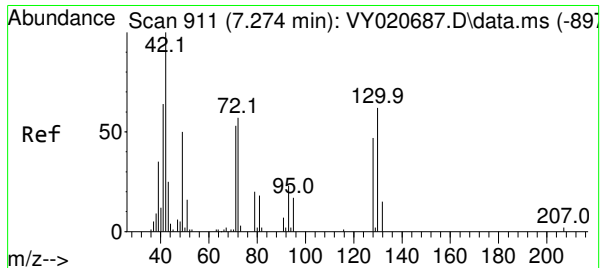
Tgt Ion: 96 Resp: 47680
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 306.2
 98 65.5 0.0 127.2



#28
 Bromochloromethane
 Concen: 51.512 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

Tgt Ion: 49 Resp: 18468
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.8
 130 109.0 58.3 87.5#

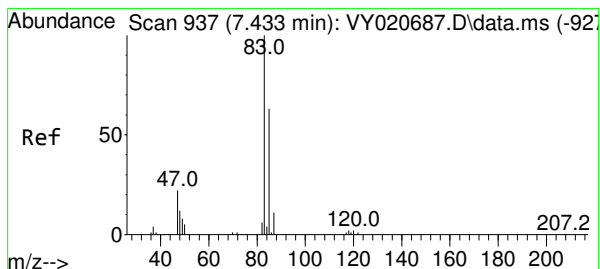
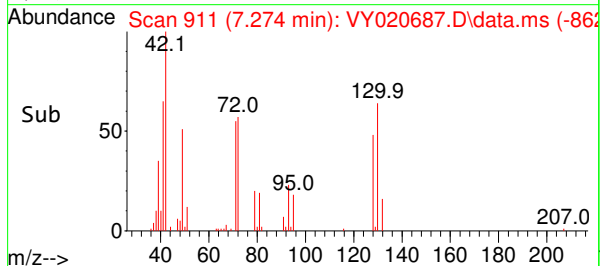
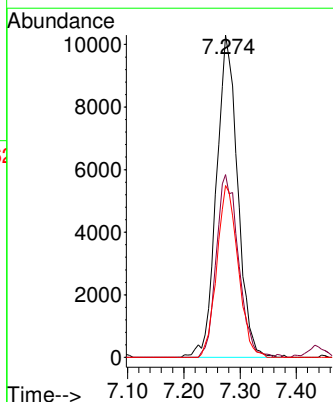
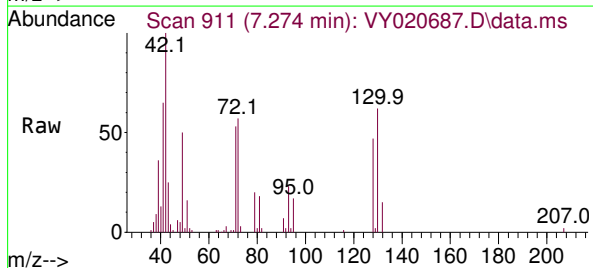




#29
Tetrahydrofuran
Concen: 319.967 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

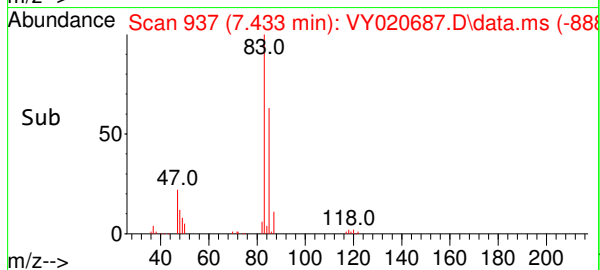
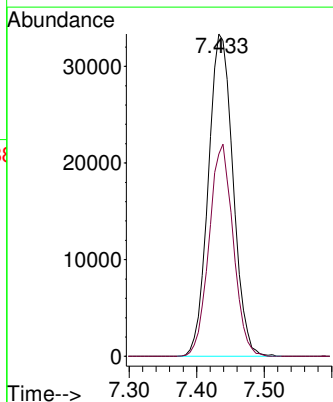
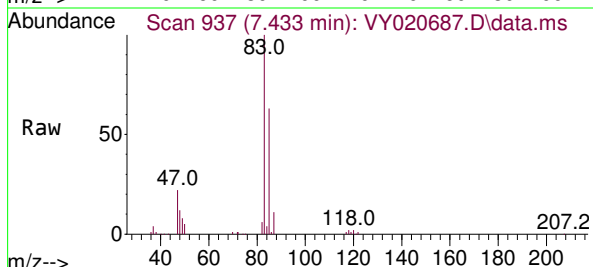
Instrument :
MSVOA_Y
ClientSampleId :

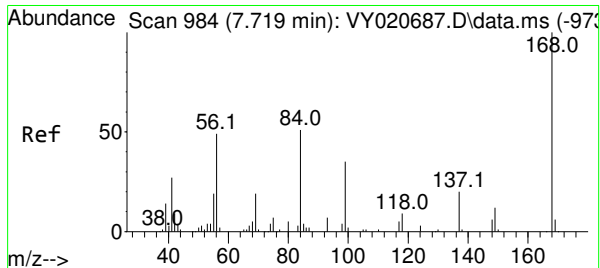
Tgt Ion	Ratio	Lower	Upper
42	100		
72	59.2	34.0	51.0#
71	53.5	31.6	47.4#



#30
Chloroform
Concen: 53.662 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.7	79.1

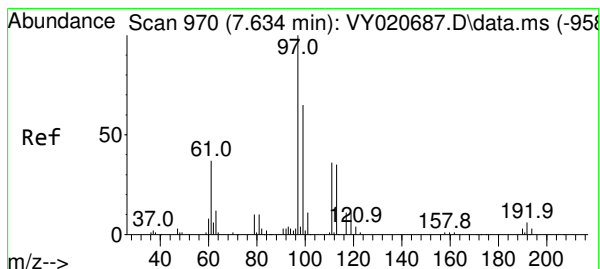
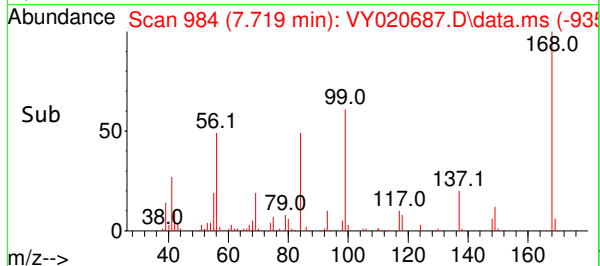
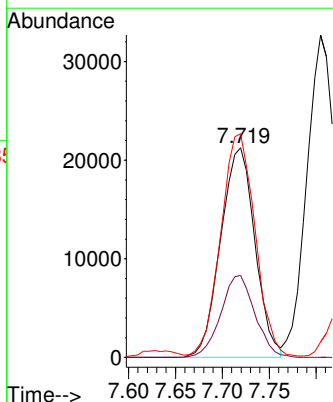
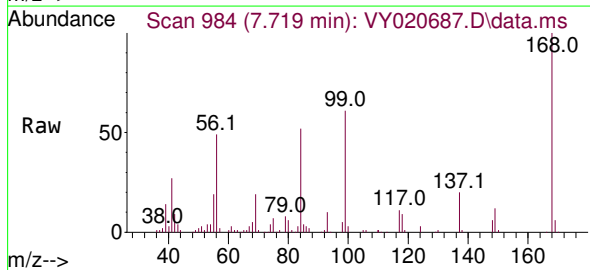




#31
Cyclohexane
Concen: 51.254 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

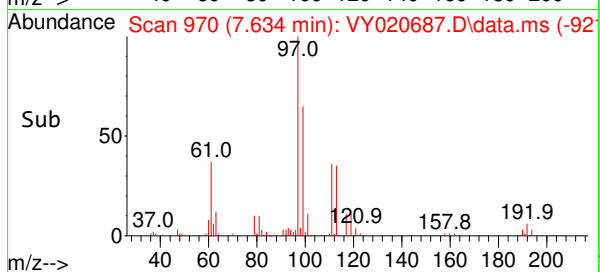
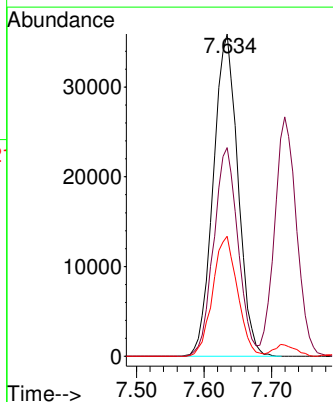
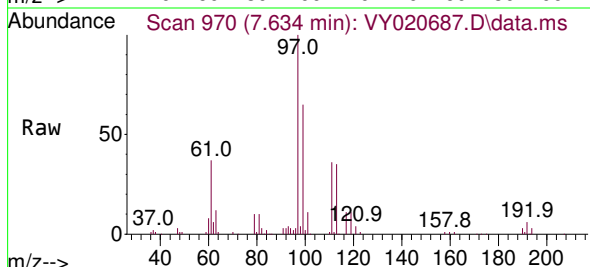
Instrument :
MSVOA_Y
ClientSampleId :

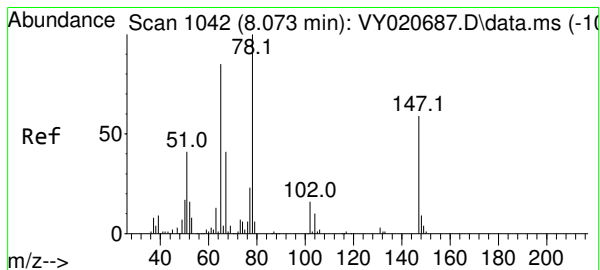
Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.1	25.4	38.0#
84	104.9	68.3	102.5#



#32
1,1,1-Trichloroethane
Concen: 55.174 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	37.5	34.7	52.1

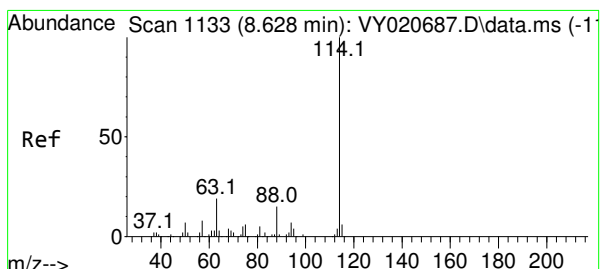
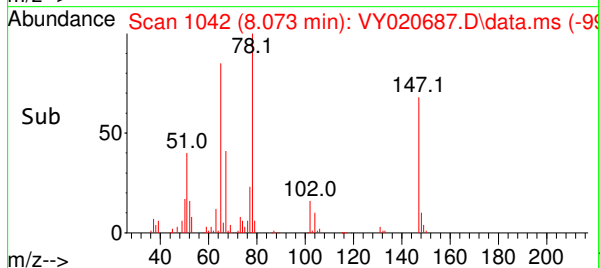
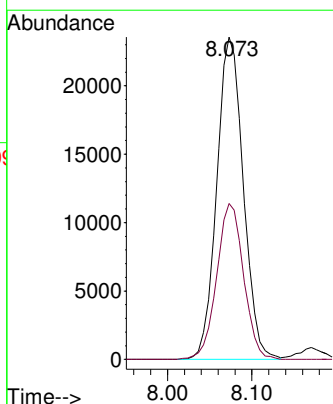
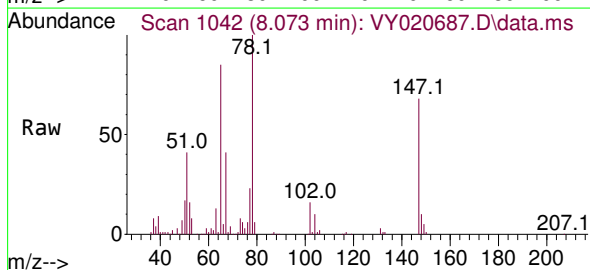




#33
1,2-Dichloroethane-d4
Concen: 57.691 ug/l
RT: 8.073 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

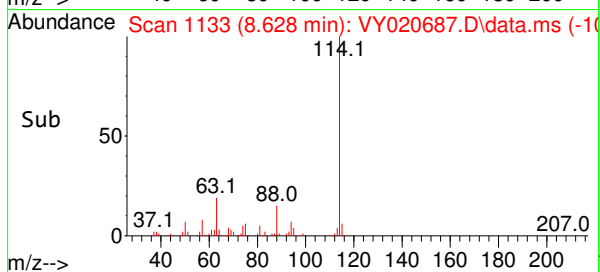
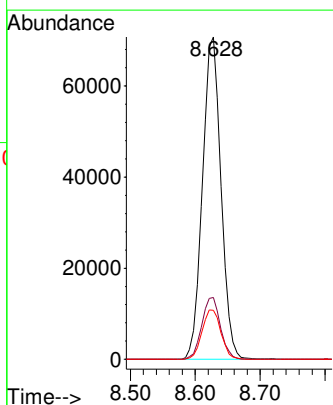
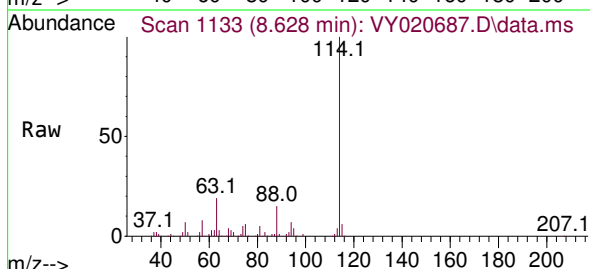
Instrument :
MSVOA_Y
ClientSampleId :

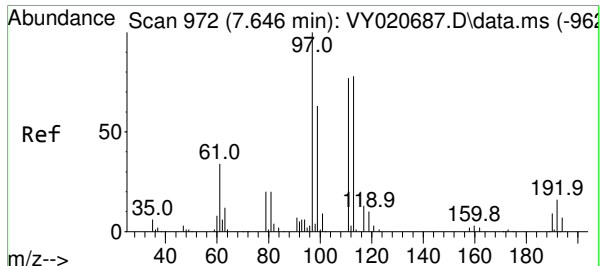
Tgt Ion: 65 Resp: 51574
Ion Ratio Lower Upper
65 100
67 49.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 114 Resp: 139898
Ion Ratio Lower Upper
114 100
63 19.2 0.0 44.0
88 15.2 0.0 32.8

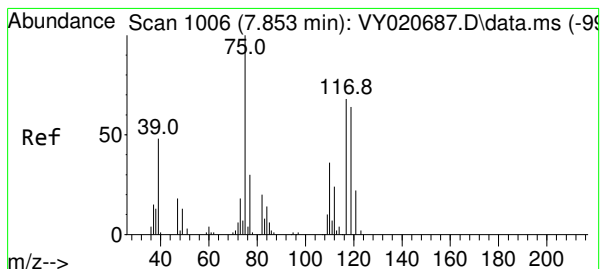
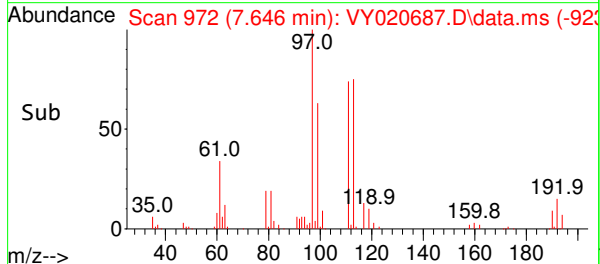
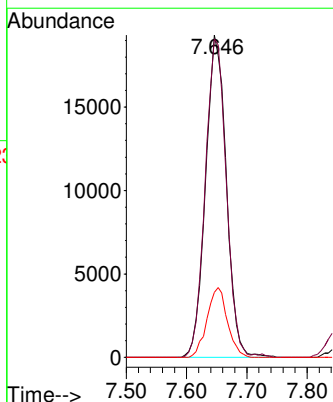
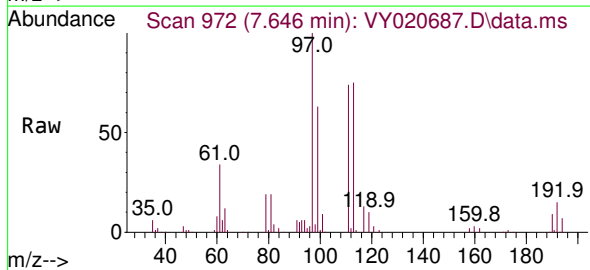




#35
Dibromofluoromethane
Concen: 56.186 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

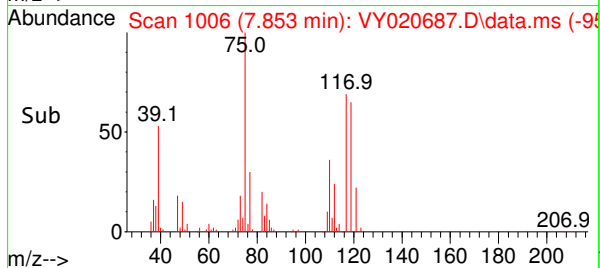
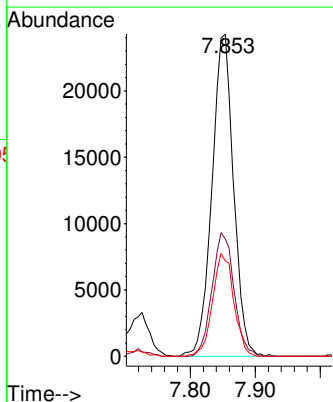
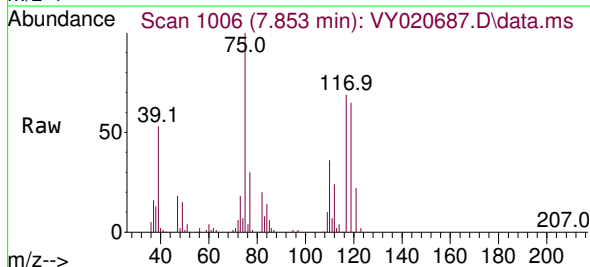
Instrument :
MSVOA_Y
ClientSampleId :

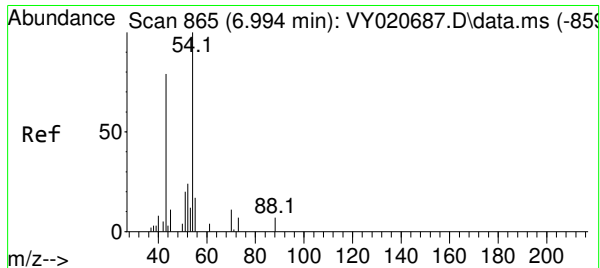
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.9	124.3
192	21.3	15.7	23.5



#36
1,1-Dichloropropene
Concen: 56.269 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	16.8	50.4
77	31.4	25.0	37.6

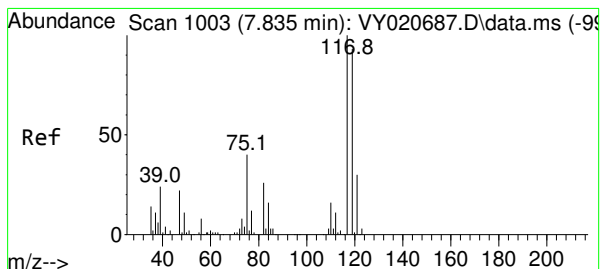
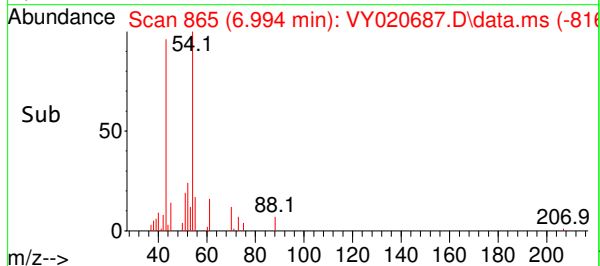
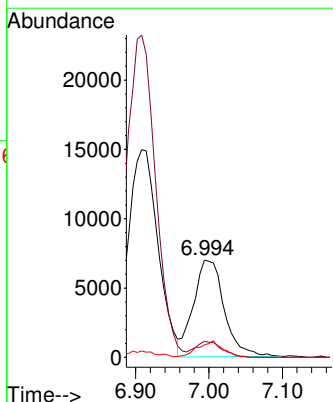
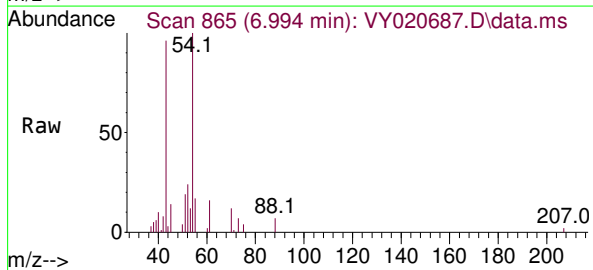




#37
Ethyl Acetate
Concen: 62.332 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

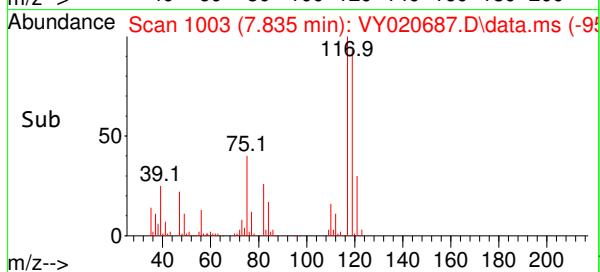
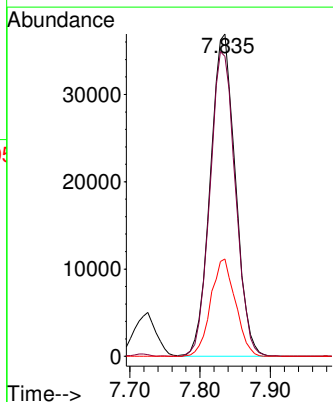
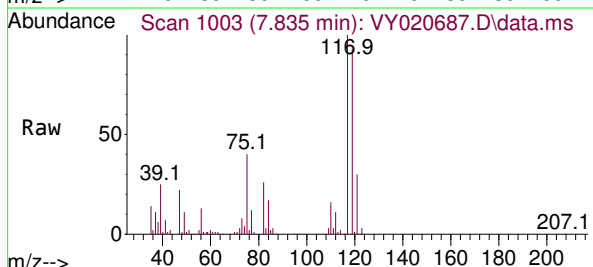
Instrument :
MSVOA_Y
ClientSampleId :

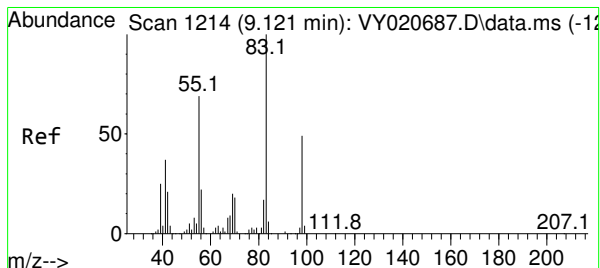
Tgt Ion: 43 Resp: 20340
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 13.7 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 56.659 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:117 Resp: 91548
Ion Ratio Lower Upper
117 100
119 93.0 78.3 117.5
121 30.2 25.1 37.7





#39

Methylcyclohexane

Concen: 56.429 ug/l

RT: 9.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

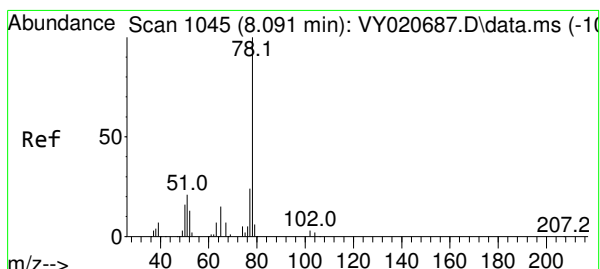
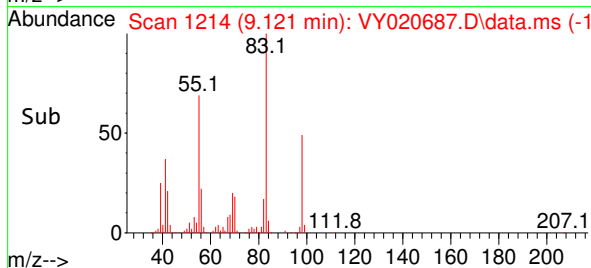
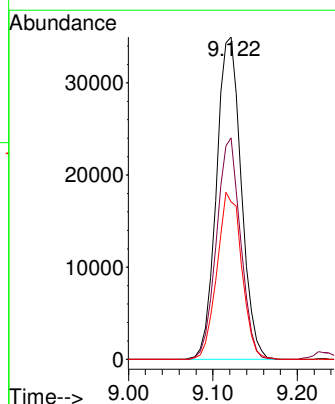
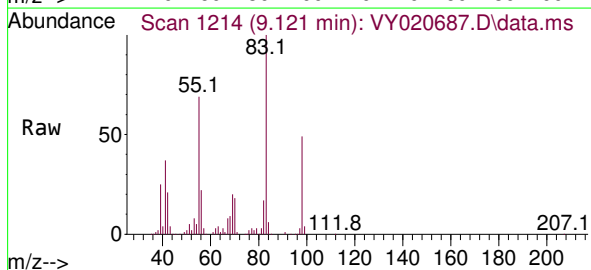
Tgt Ion: 83 Resp: 71616

Ion Ratio Lower Upper

83 100

55 68.7 61.4 92.0

98 48.8 37.3 55.9



#40

Benzene

Concen: 56.488 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020687.D

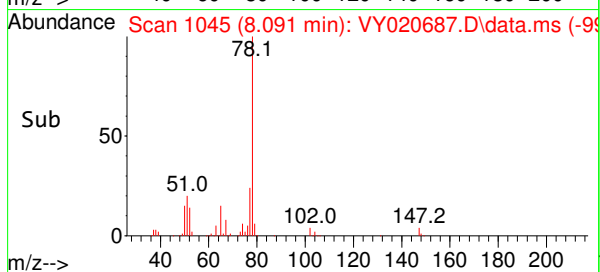
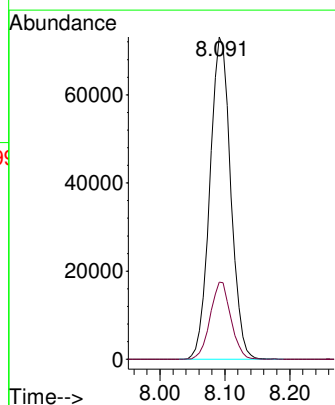
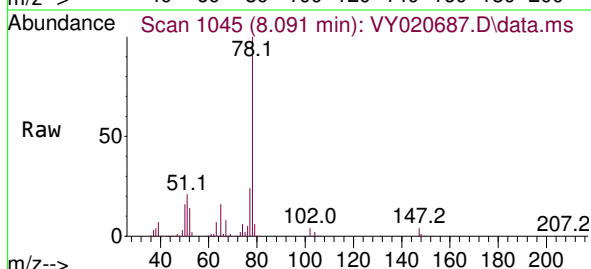
Acq: 23 Dec 2024 12:38

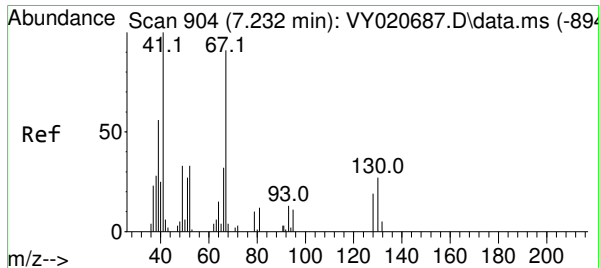
Tgt Ion: 78 Resp: 162713

Ion Ratio Lower Upper

78 100

77 24.0 20.1 30.1

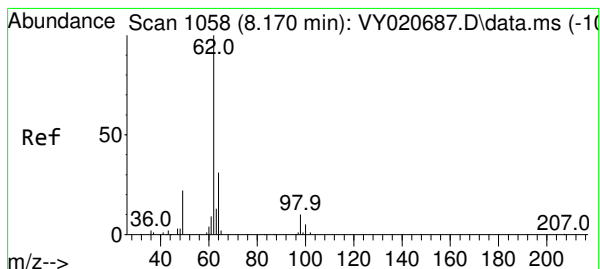
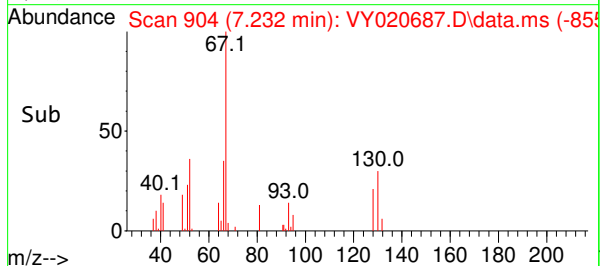
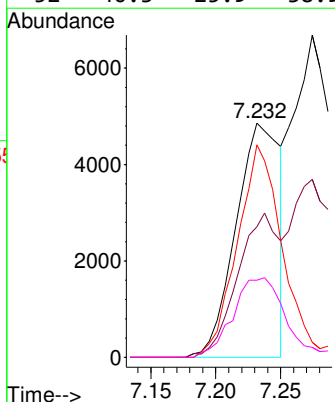
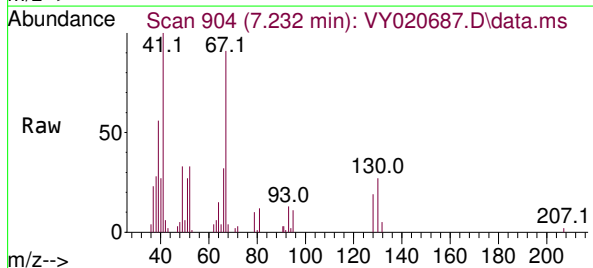




#41
Methacrylonitrile
Concen: 61.814 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

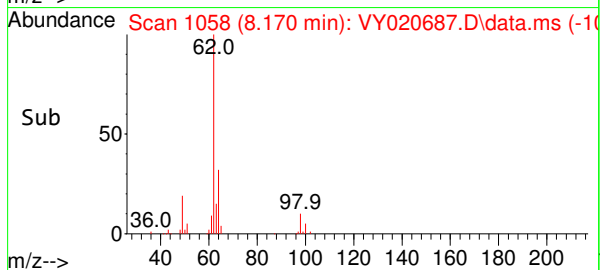
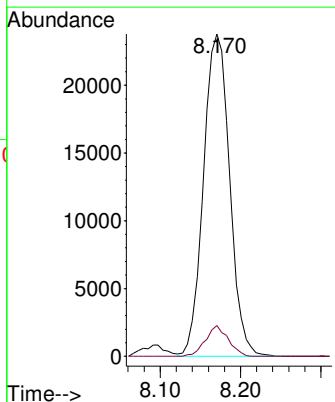
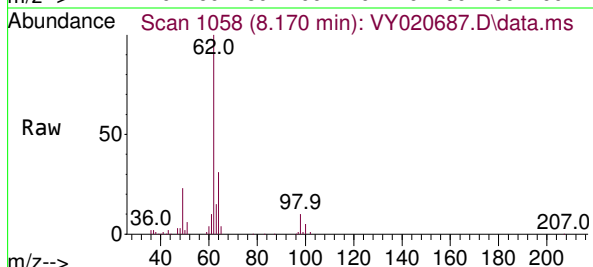
Instrument :
MSVOA_Y
ClientSampleId :

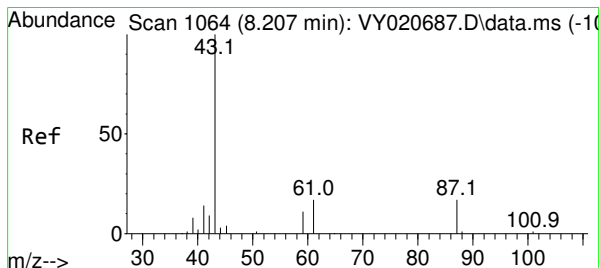
Tgt Ion:	41	Resp:	11416
Ion	Ratio	Lower	Upper
41	100		
39	58.3	53.6	80.4
67	93.4	62.0	93.0#
52	40.3	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 58.683 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:	62	Resp:	53759
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 62.581 ug/l

RT: 8.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

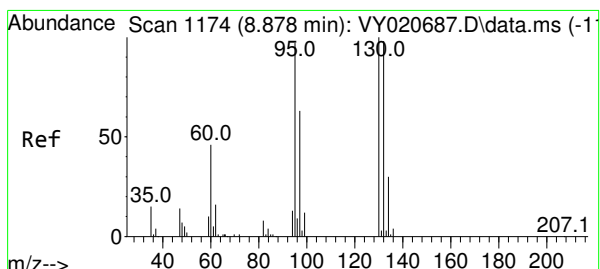
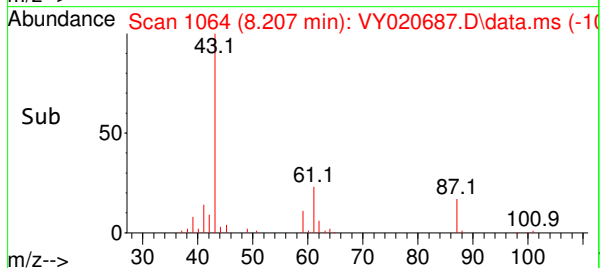
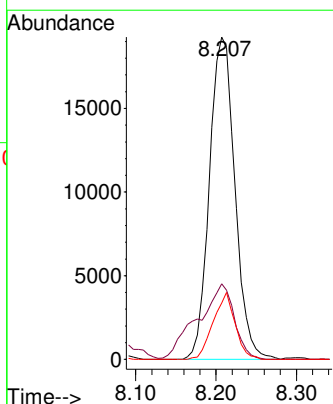
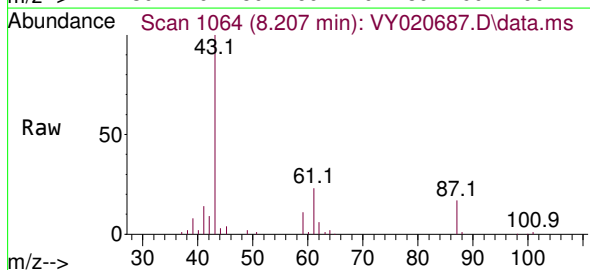
Tgt Ion: 43 Resp: 42444

Ion Ratio Lower Upper

43 100

61 33.7 23.8 35.6

87 17.8 10.2 15.4#



#44

Trichloroethene

Concen: 55.530 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VY020687.D

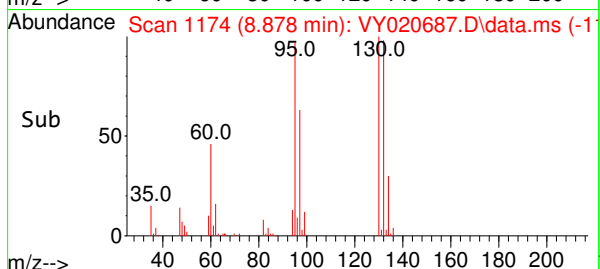
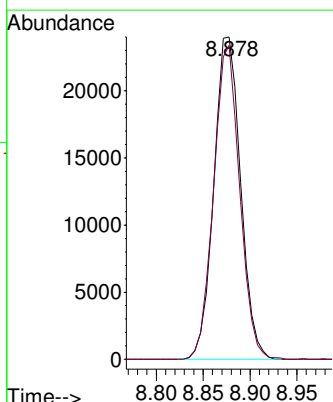
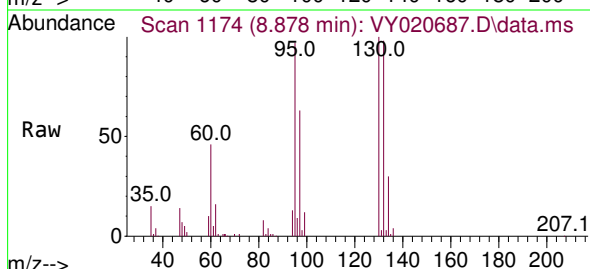
Acq: 23 Dec 2024 12:38

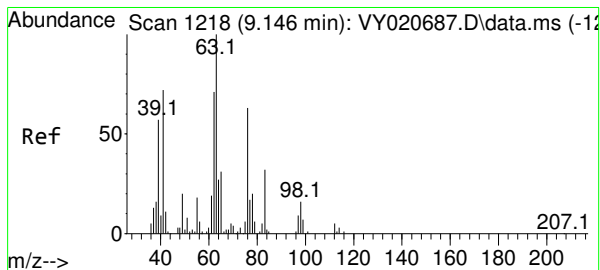
Tgt Ion:130 Resp: 47471

Ion Ratio Lower Upper

130 100

95 97.4 0.0 203.2





#45

1,2-Dichloropropane

Concen: 57.090 ug/l

RT: 9.146 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

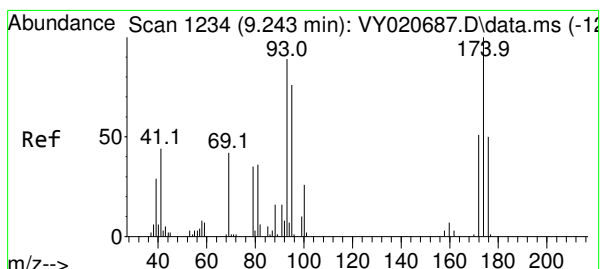
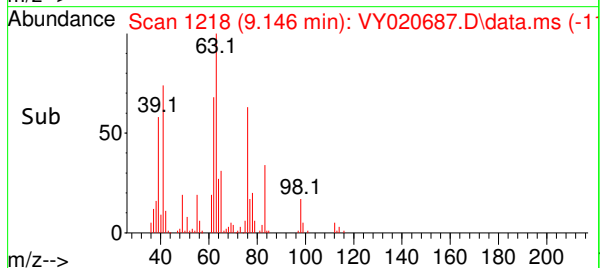
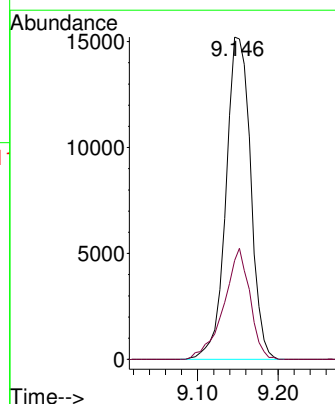
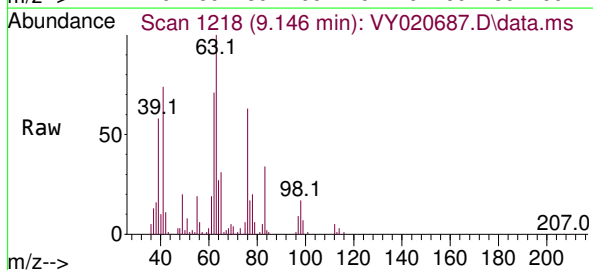
ClientSampleId :

Tgt Ion: 63 Resp: 32310

Ion Ratio Lower Upper

63 100

65 30.7 25.9 38.9



#46

Dibromomethane

Concen: 58.307 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

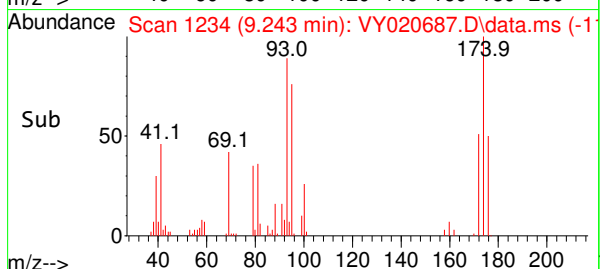
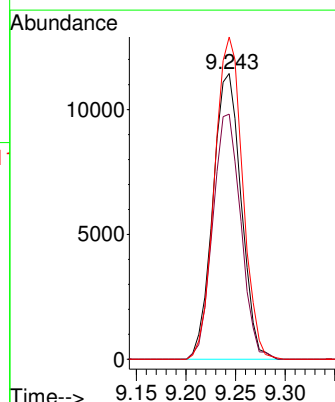
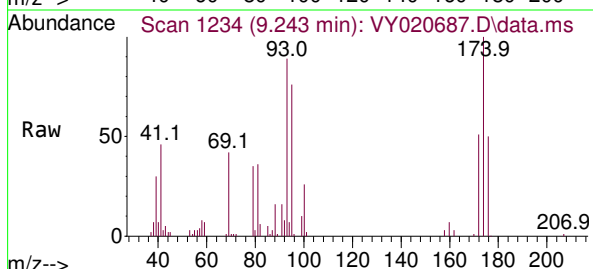
Tgt Ion: 93 Resp: 22781

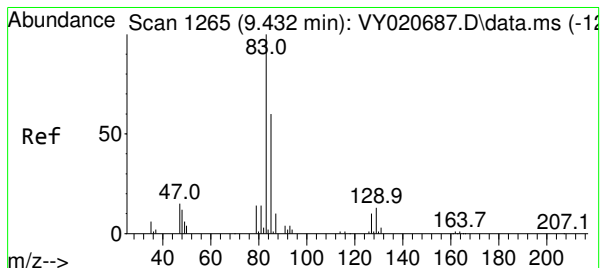
Ion Ratio Lower Upper

93 100

95 84.8 66.7 100.1

174 111.7 77.8 116.6





#47

Bromodichloromethane

Concen: 58.206 ug/l

RT: 9.432 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

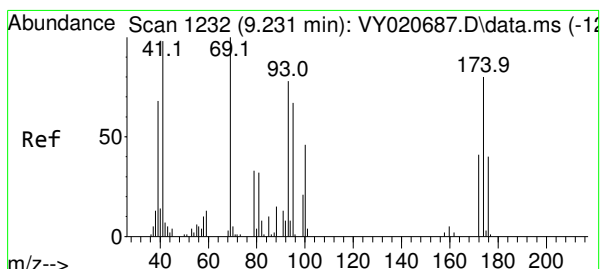
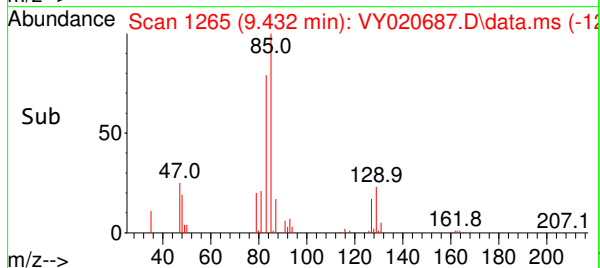
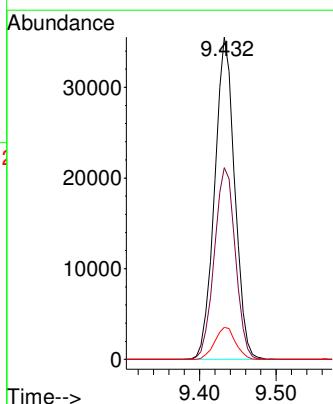
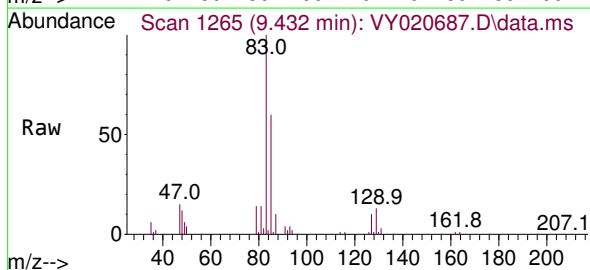
Tgt Ion: 83 Resp: 64511

Ion Ratio Lower Upper

83 100

85 59.5 52.1 78.1

127 9.9 6.7 10.1



#48

Methyl methacrylate

Concen: 60.325 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

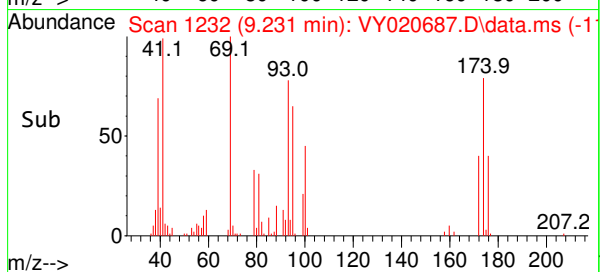
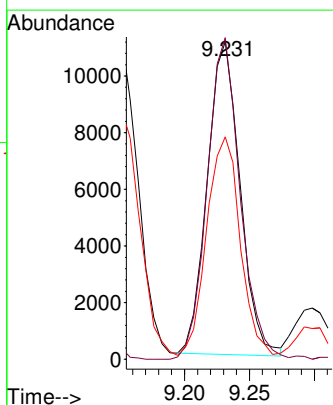
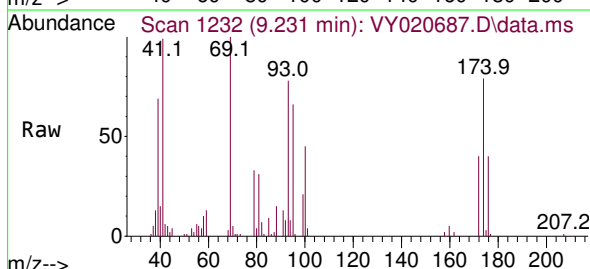
Tgt Ion: 41 Resp: 19395

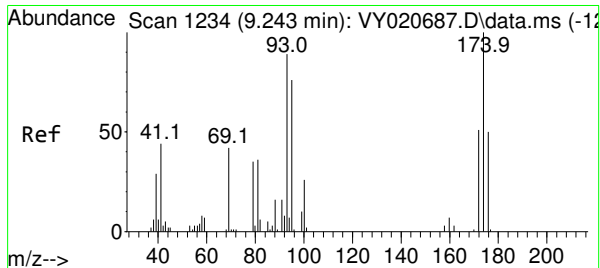
Ion Ratio Lower Upper

41 100

69 103.9 67.2 100.8#

39 71.6 42.2 63.4#

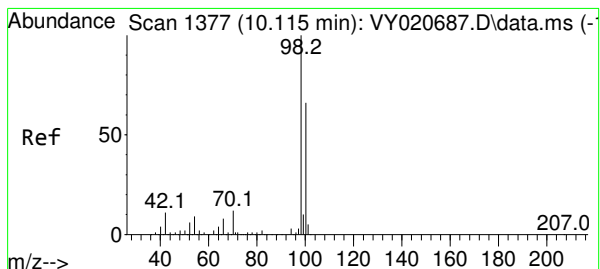
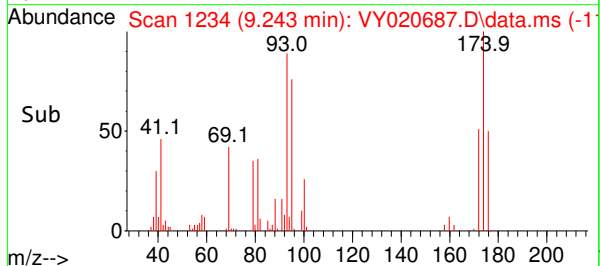
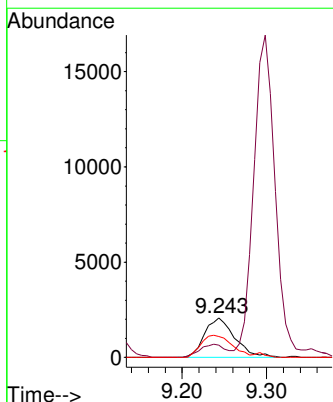
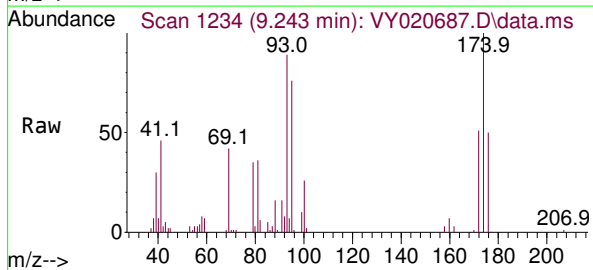




#49
1,4-Dioxane
Concen: 1263.038 ug/l
RT: 9.243 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

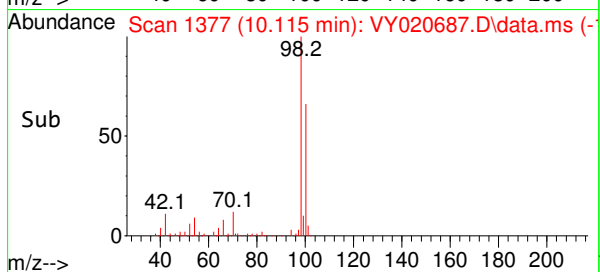
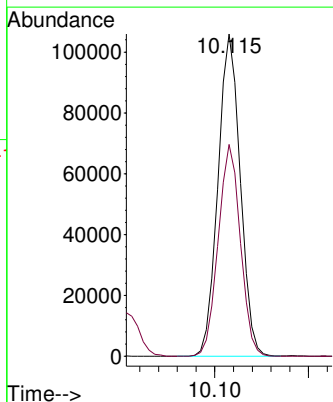
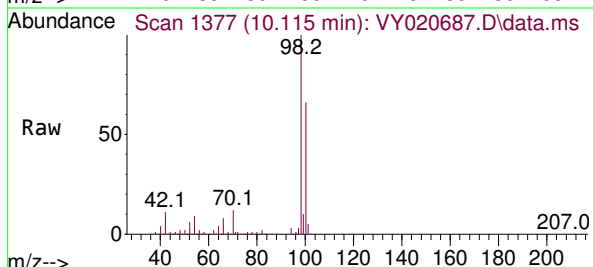
Instrument :
MSVOA_Y
ClientSampleId :

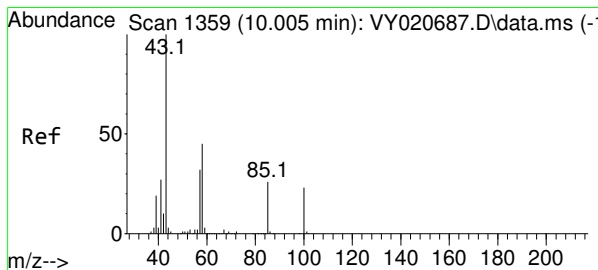
Tgt Ion: 88 Resp: 5175
Ion Ratio Lower Upper
88 100
43 27.6 27.6 41.4#
58 58.4 61.7 92.5#



#50
Toluene-d8
Concen: 58.320 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 98 Resp: 174000
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

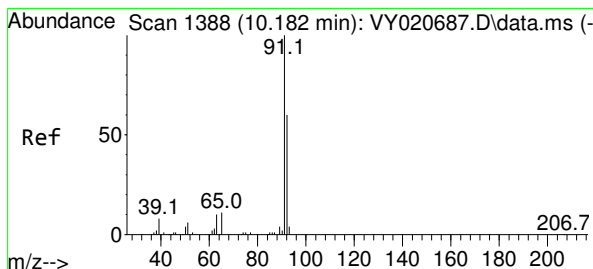
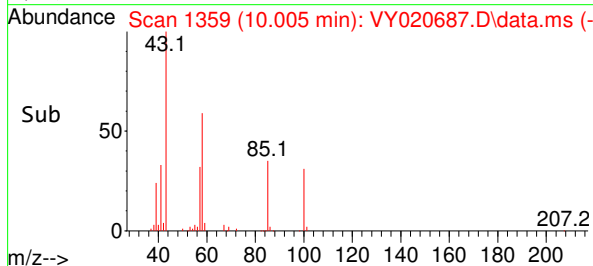
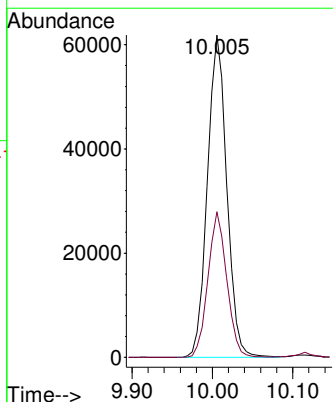
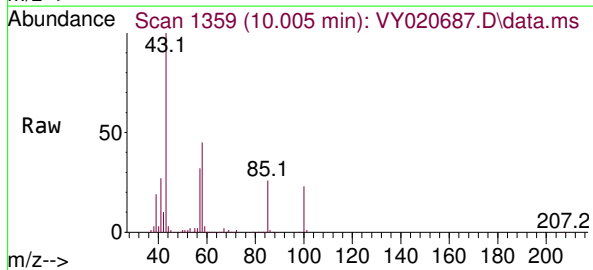




#51
4-Methyl-2-Pentanone
Concen: 305.637 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

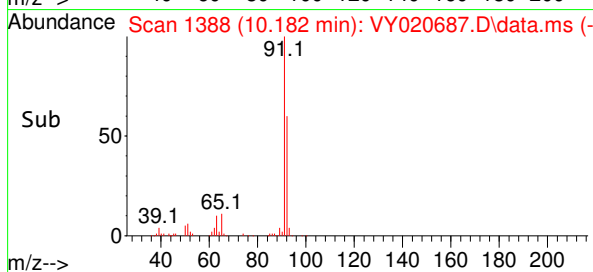
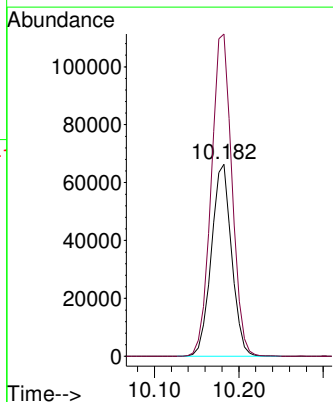
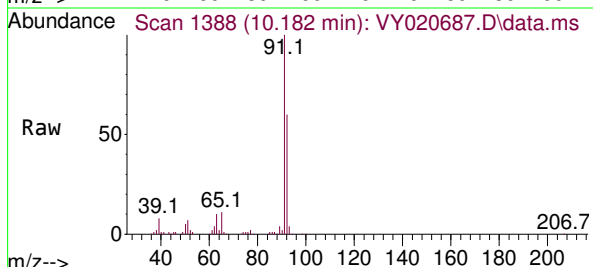
Instrument :
MSVOA_Y
ClientSampleId :

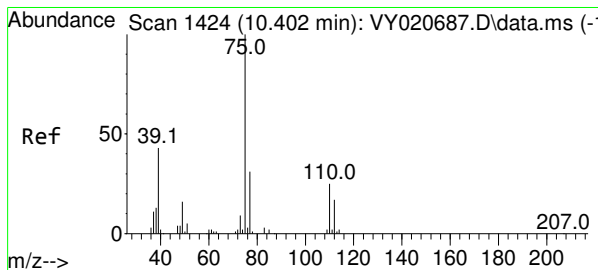
Tgt Ion: 43 Resp: 103549
Ion Ratio Lower Upper
43 100
58 43.9 31.4 47.2



#52
Toluene
Concen: 56.472 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 92 Resp: 110772
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0

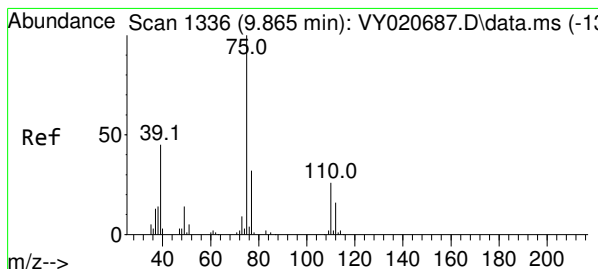
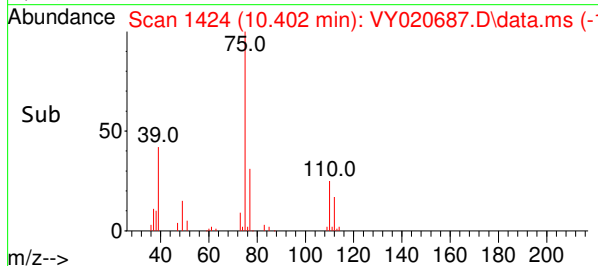
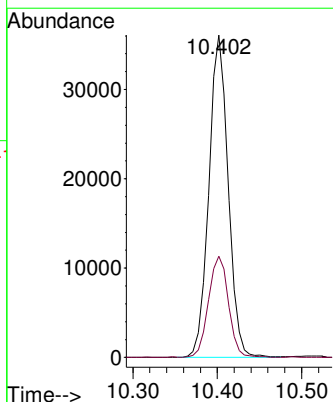
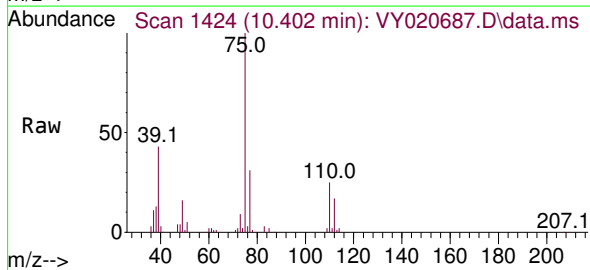




#53
t-1,3-Dichloropropene
Concen: 58.656 ug/l
RT: 10.402 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

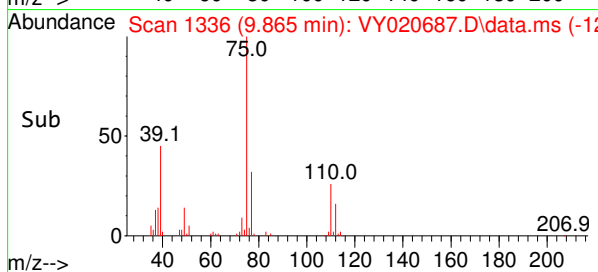
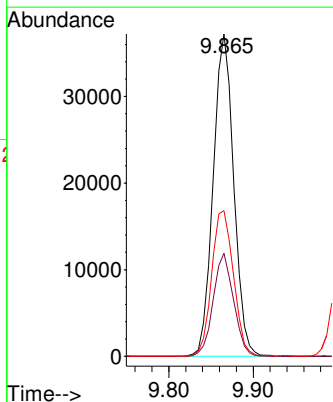
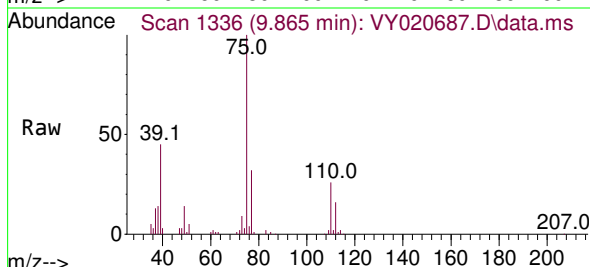
Instrument :
MSVOA_Y
ClientSampleId :

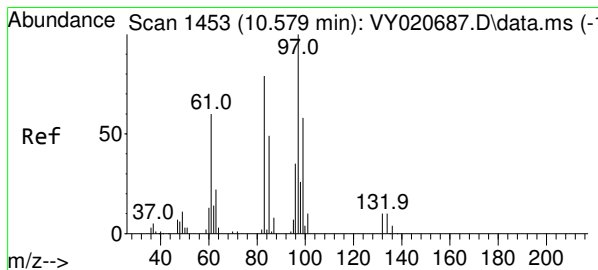
Tgt Ion: 75 Resp: 57524
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 58.506 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 75 Resp: 63223
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 45.2 36.4 54.6

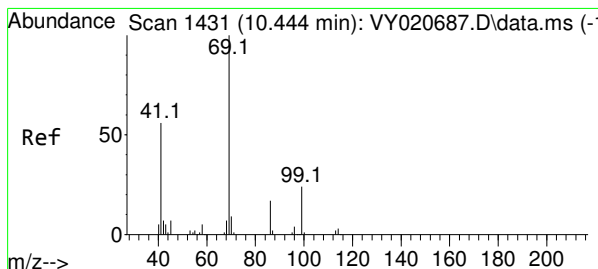
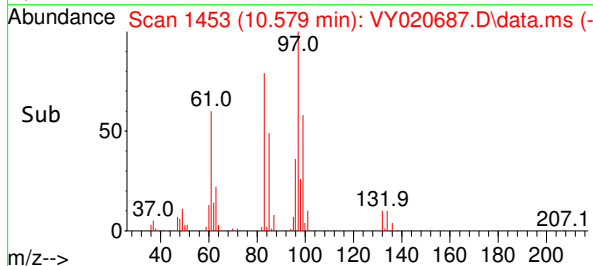
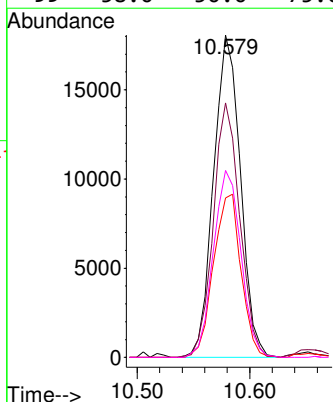
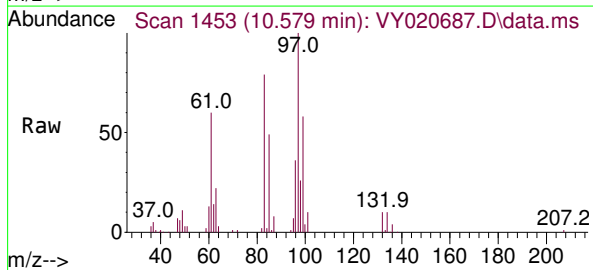




#55
1,1,2-Trichloroethane
Concen: 59.166 ug/l
RT: 10.579 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

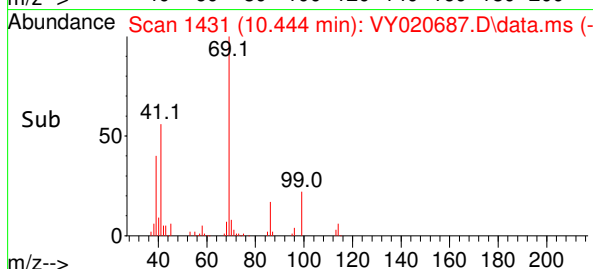
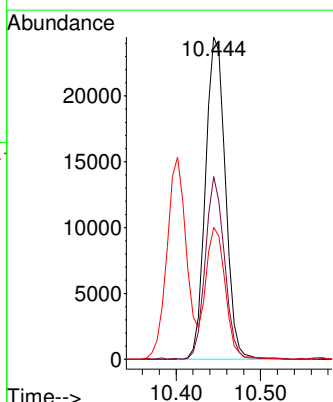
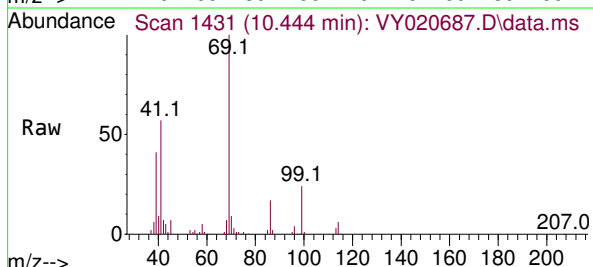
Instrument :
MSVOA_Y
ClientSampleId :

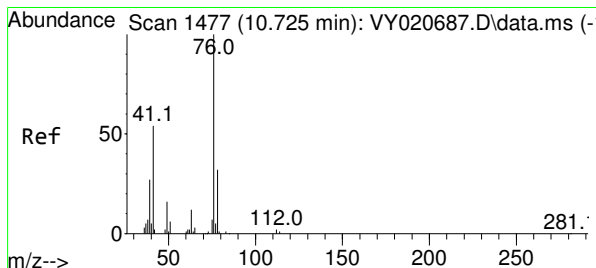
Tgt Ion:	97	Resp:	29932
Ion	Ratio	Lower	Upper
97	100		
83	78.9	70.4	105.6
85	49.4	47.2	70.8
99	58.0	50.0	75.0



#56
Ethyl methacrylate
Concen: 62.210 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:	69	Resp:	40146
Ion	Ratio	Lower	Upper
69	100		
41	54.7	54.0	81.0
39	40.0	27.9	41.9





#57

1,3-Dichloropropane

Concen: 59.693 ug/l

RT: 10.725 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

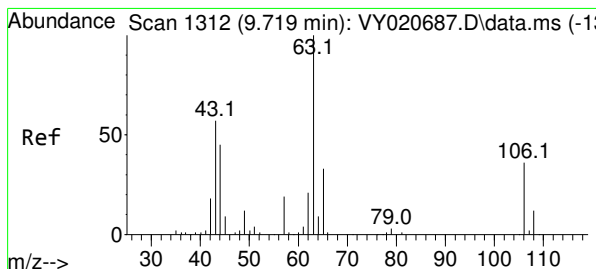
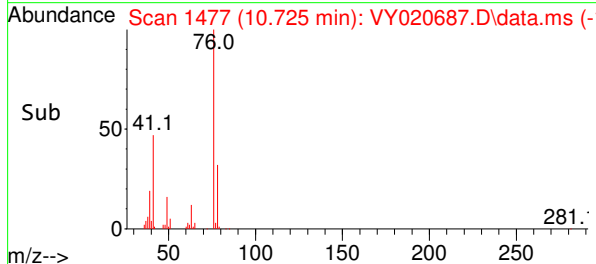
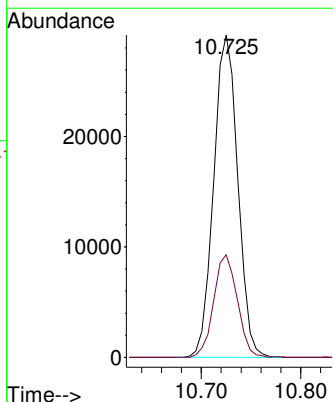
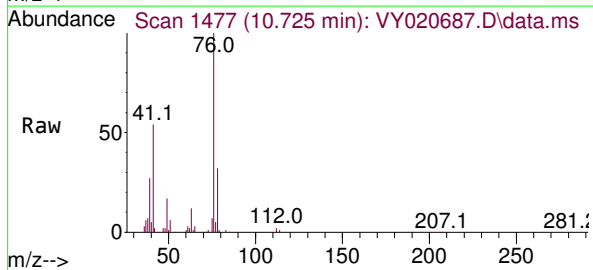
ClientSampleId :

Tgt Ion: 76 Resp: 49363

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 293.980 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020687.D

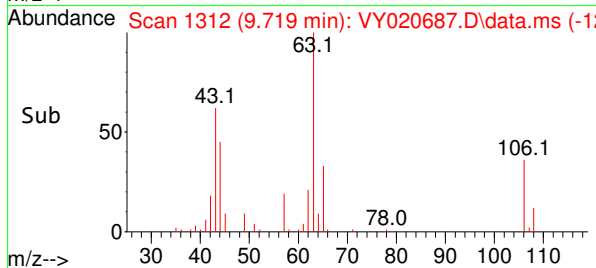
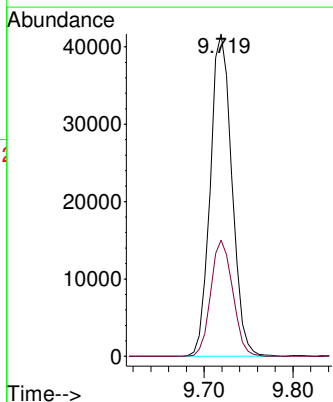
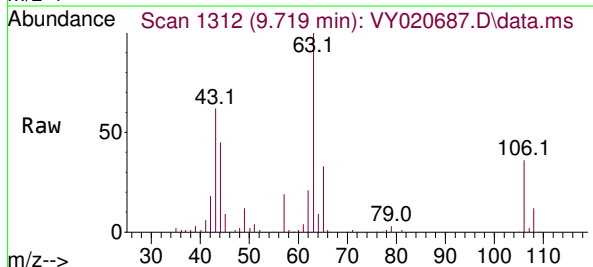
Acq: 23 Dec 2024 12:38

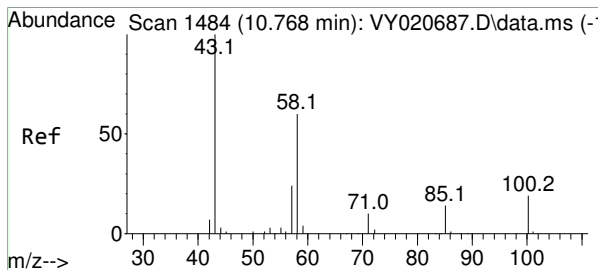
Tgt Ion: 63 Resp: 70894

Ion Ratio Lower Upper

63 100

106 36.4 21.5 32.3#

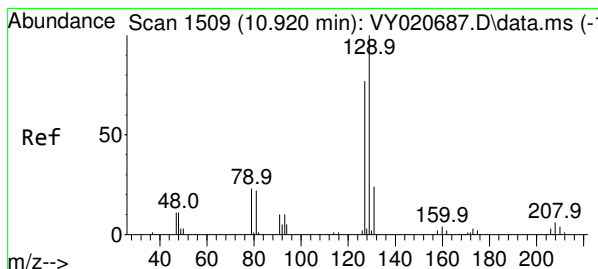
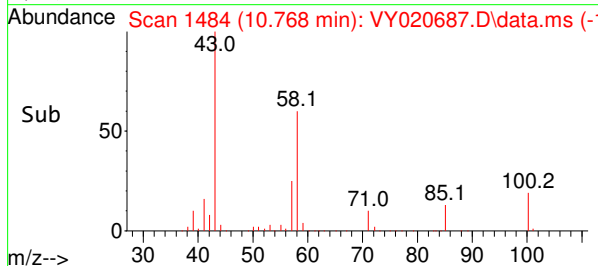
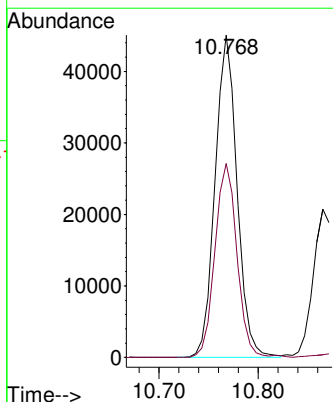
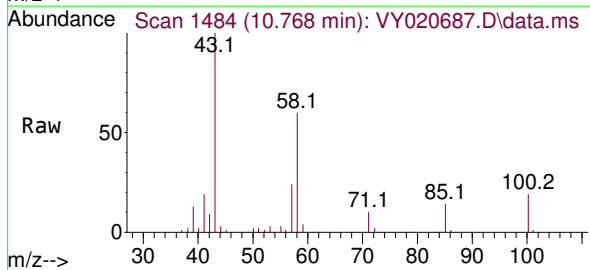




#59
2-Hexanone
Concen: 323.304 ug/l
RT: 10.768 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

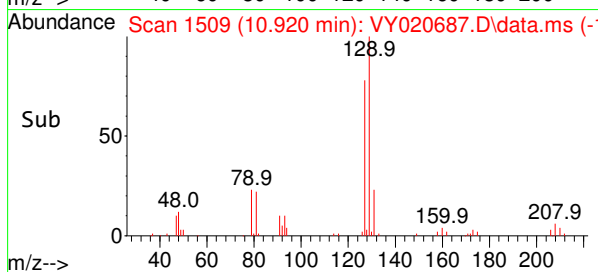
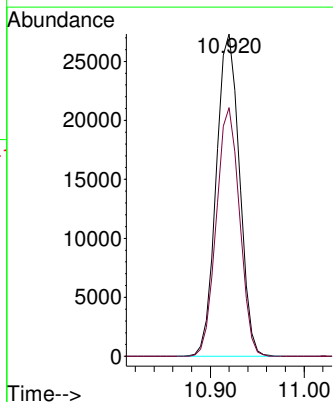
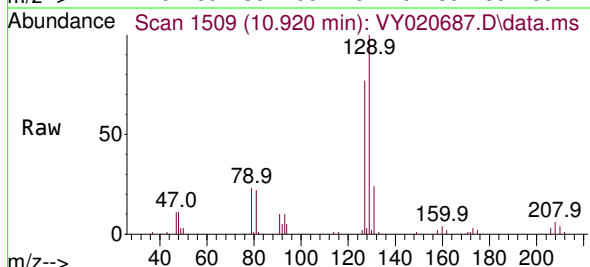
Instrument :
MSVOA_Y
ClientSampleId :

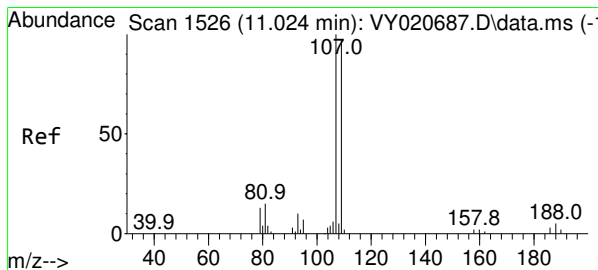
Tgt Ion: 43 Resp: 69770
Ion Ratio Lower Upper
43 100
58 60.3 27.2 81.6



#60
Dibromochloromethane
Concen: 58.055 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 129 Resp: 46892
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

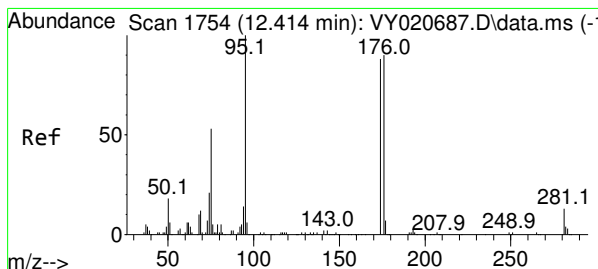
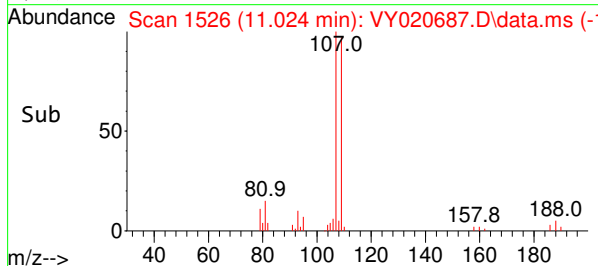
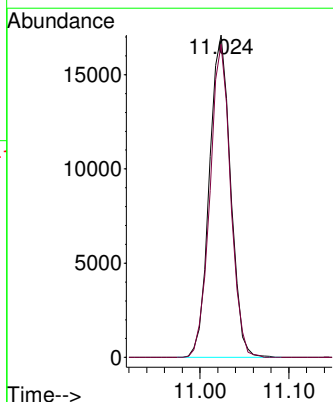
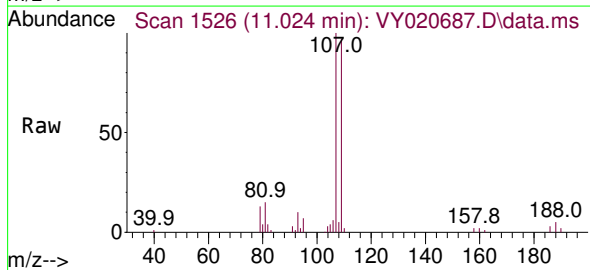




#61
1,2-Dibromoethane
Concen: 59.909 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

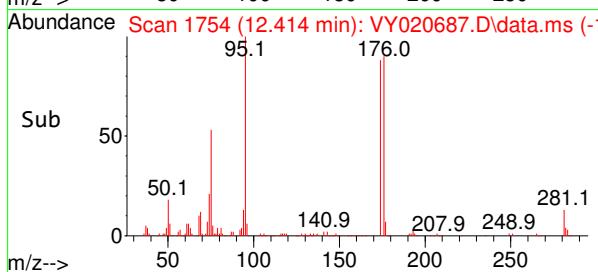
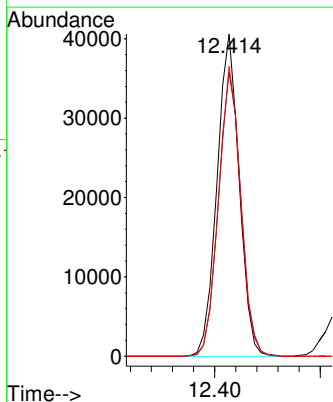
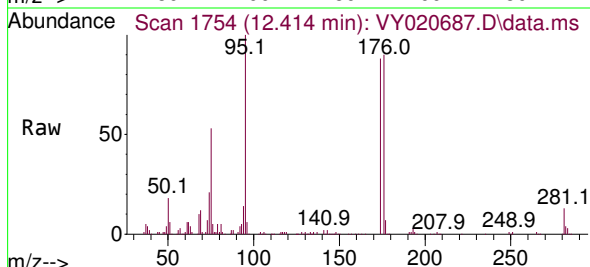
Instrument :
MSVOA_Y
ClientSampleId :

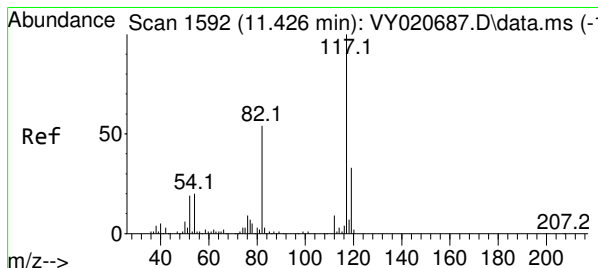
Tgt Ion: 107 Resp: 28413
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.687 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 95 Resp: 59386
Ion Ratio Lower Upper
95 100
174 89.6 0.0 161.8
176 89.9 0.0 156.6

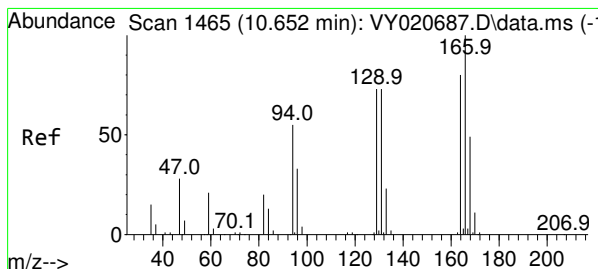
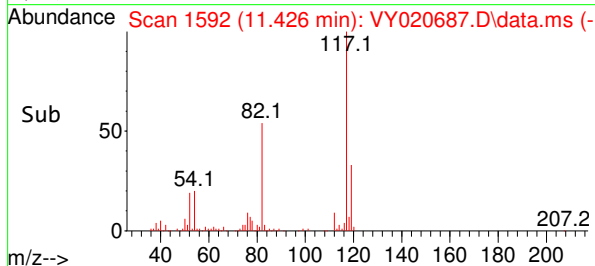
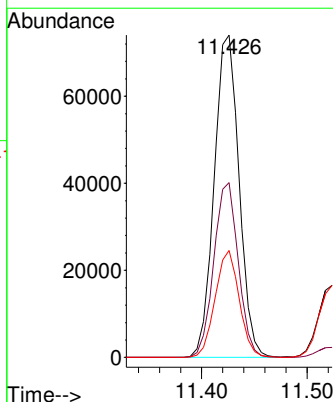
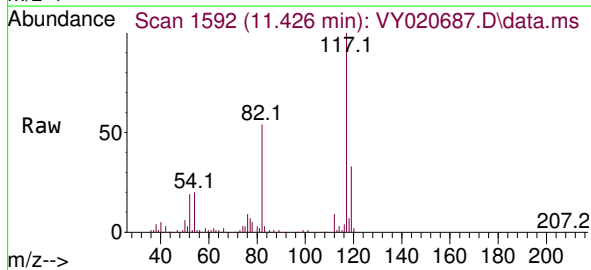




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

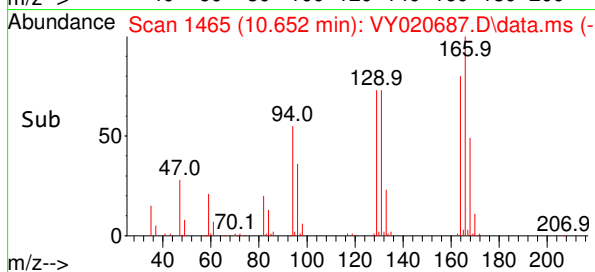
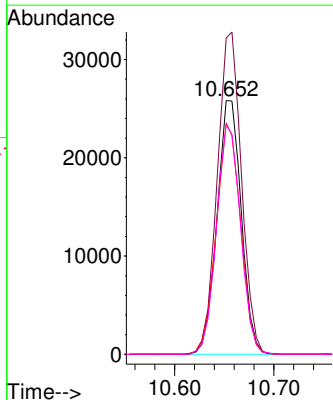
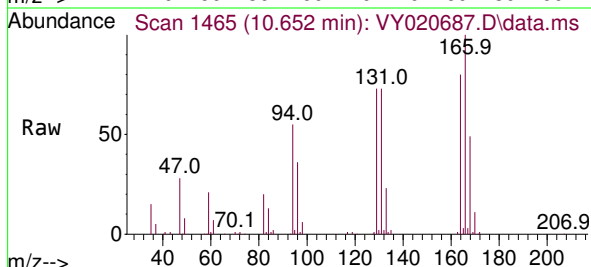
Instrument :
MSVOA_Y
ClientSampleId :

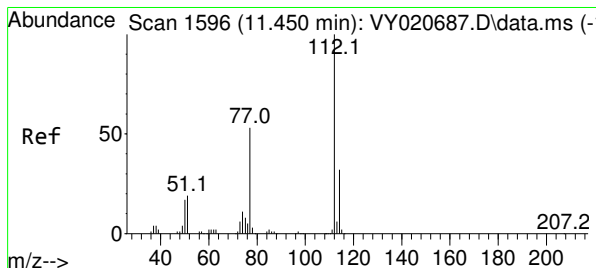
Tgt Ion:117 Resp: 121636
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.6
119 33.2 25.3 37.9



#64
Tetrachloroethene
Concen: 54.535 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:164 Resp: 44055
Ion Ratio Lower Upper
164 100
166 124.5 97.9 146.9
129 91.2 73.4 110.0
131 90.4 70.6 106.0

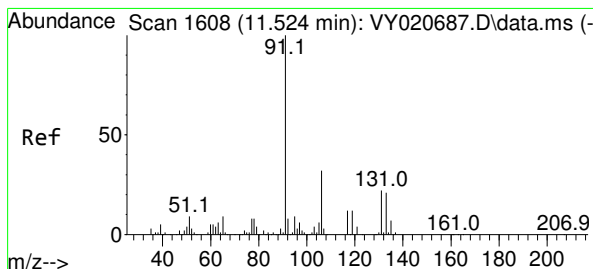
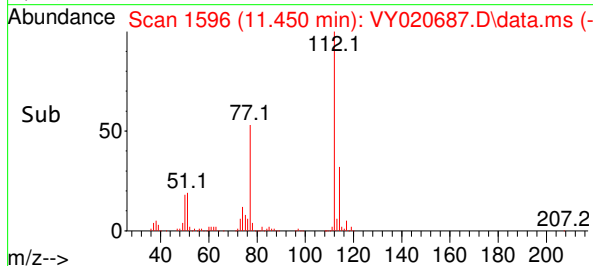
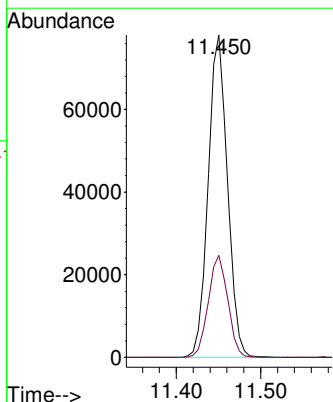
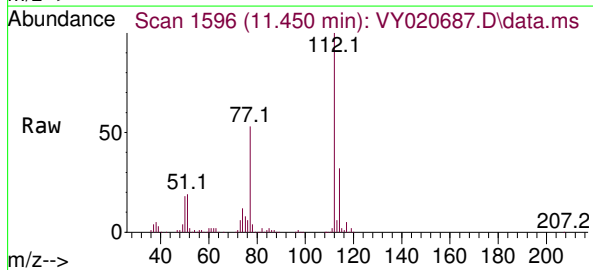




#65
Chlorobenzene
Concen: 54.695 ug/l
RT: 11.450 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

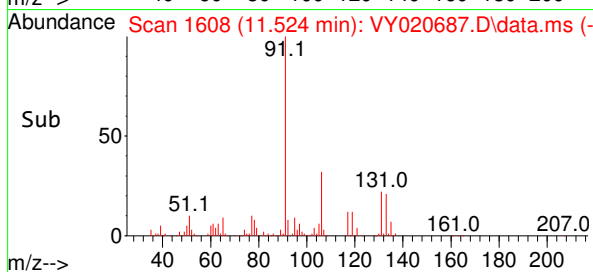
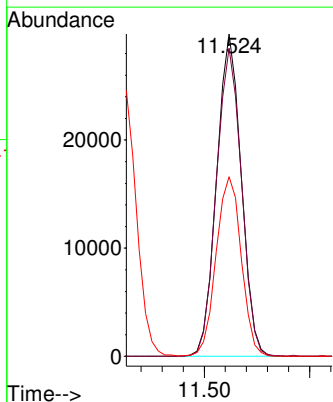
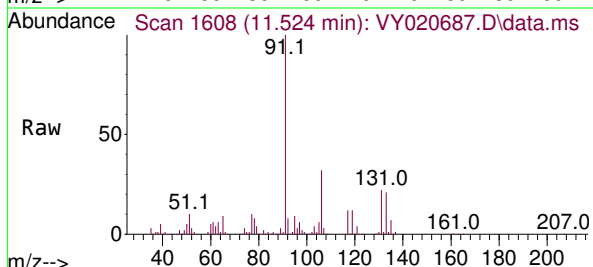
Instrument :
MSVOA_Y
ClientSampleId :

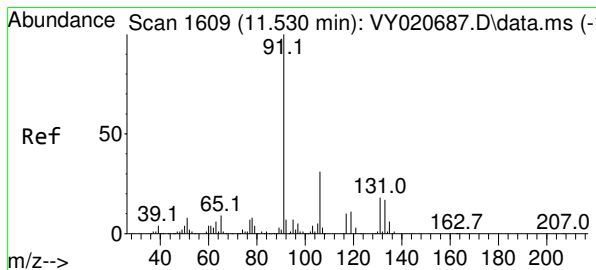
Tgt Ion:112 Resp: 124322
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.608 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:131 Resp: 48471
Ion Ratio Lower Upper
131 100
133 97.3 46.8 140.3
119 56.9 31.8 95.3

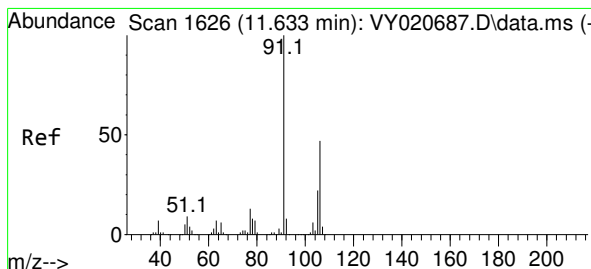
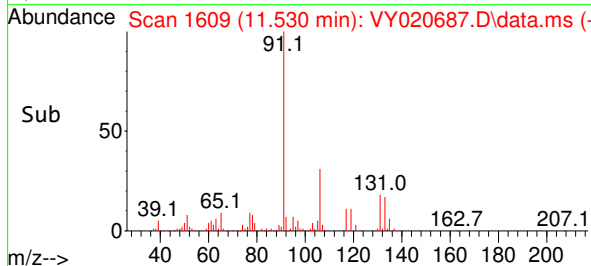
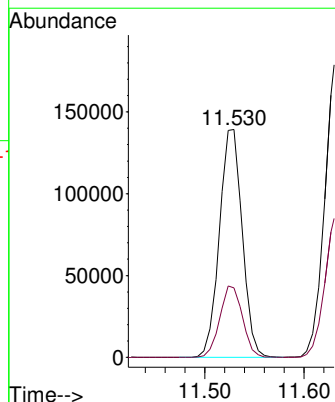
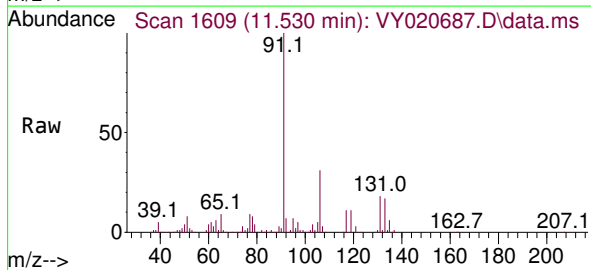




#67
Ethyl Benzene
Concen: 54.902 ug/l
RT: 11.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

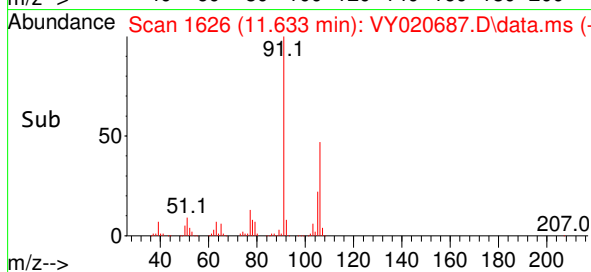
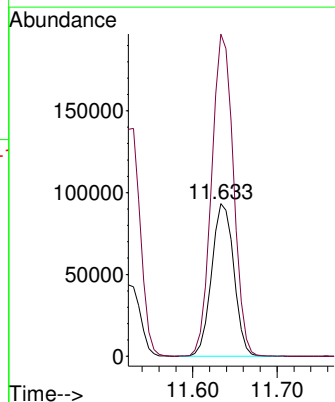
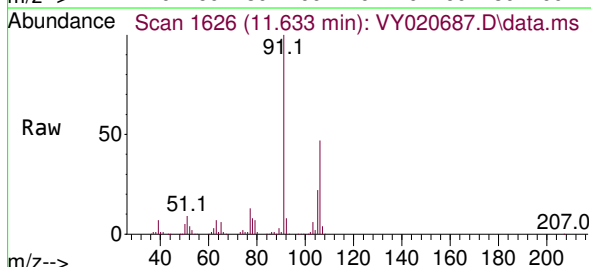
Instrument :
MSVOA_Y
ClientSampleId :

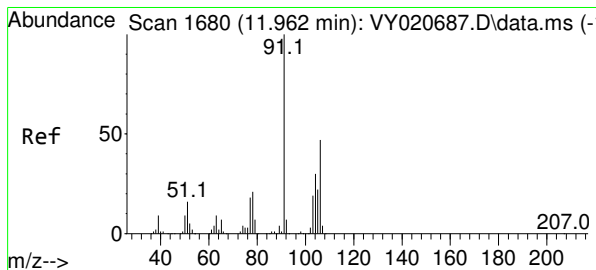
Tgt Ion: 91 Resp: 223894
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 109.956 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:106 Resp: 170991
Ion Ratio Lower Upper
106 100
91 208.3 165.0 247.4

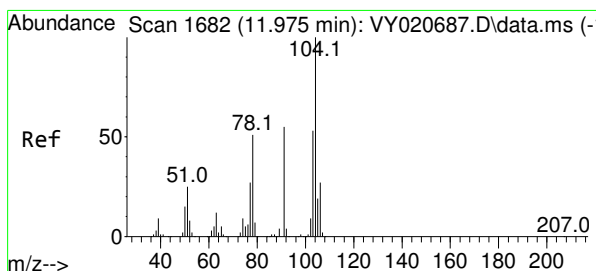
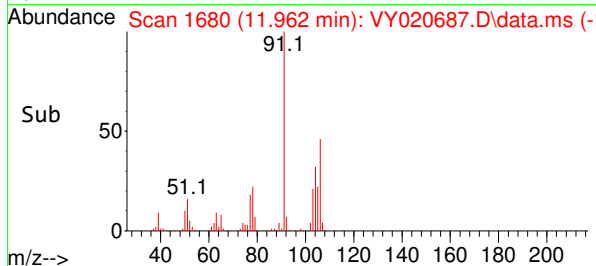
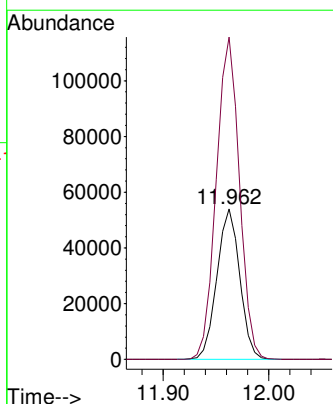
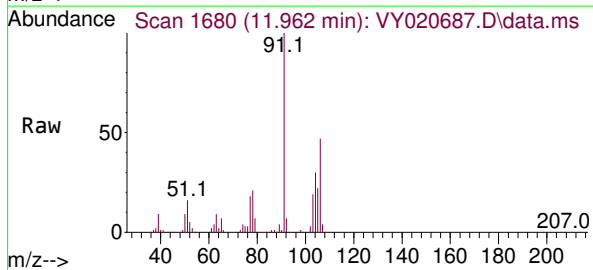




#69
o-Xylene
Concen: 55.771 ug/l
RT: 11.962 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

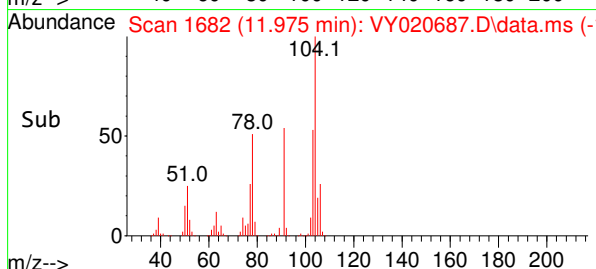
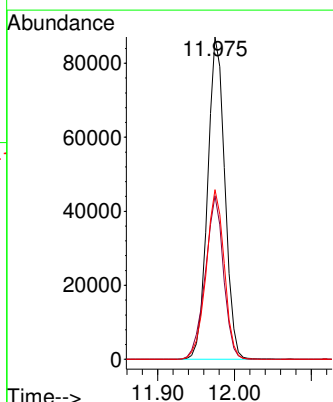
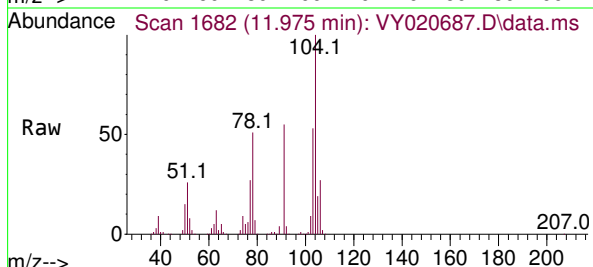
Instrument :
MSVOA_Y
ClientSampleId :

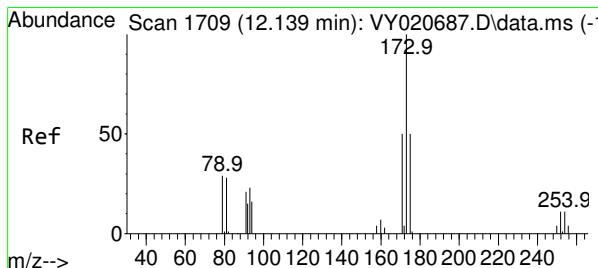
Tgt Ion:106 Resp: 81469
Ion Ratio Lower Upper
106 100
91 217.2 108.4 325.2



#70
Styrene
Concen: 55.416 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:104 Resp: 136156
Ion Ratio Lower Upper
104 100
78 53.7 41.6 62.4
103 55.5 43.7 65.5

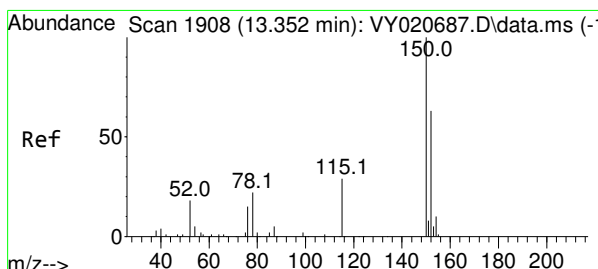
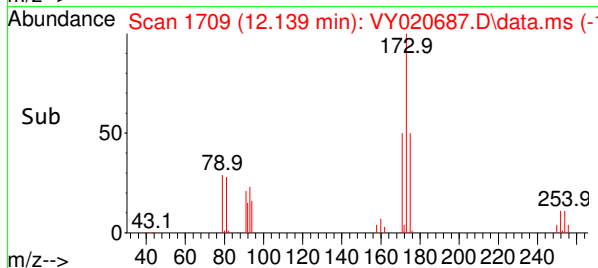
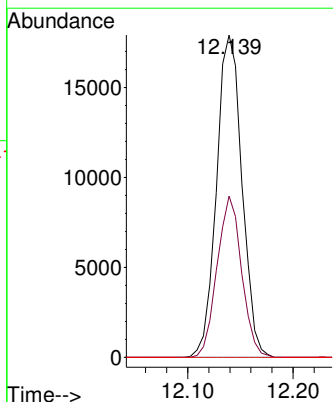
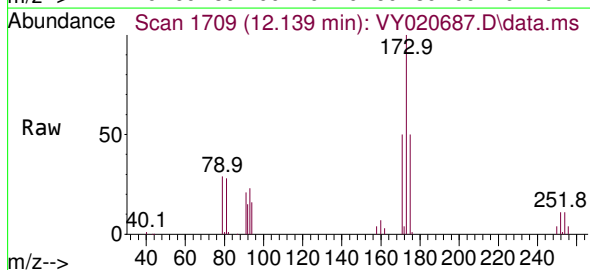




#71
Bromoform
Concen: 59.159 ug/l
RT: 12.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

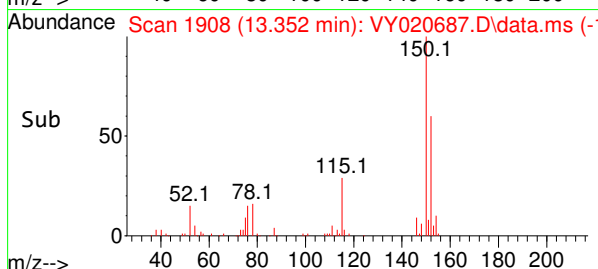
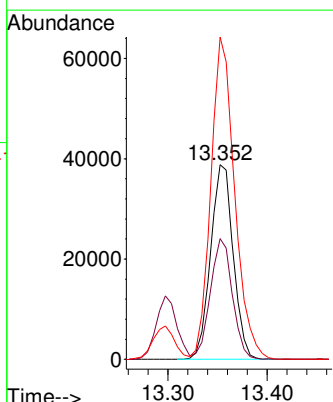
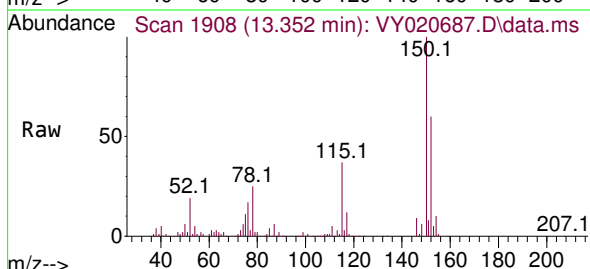
Instrument :
MSVOA_Y
ClientSampleId :

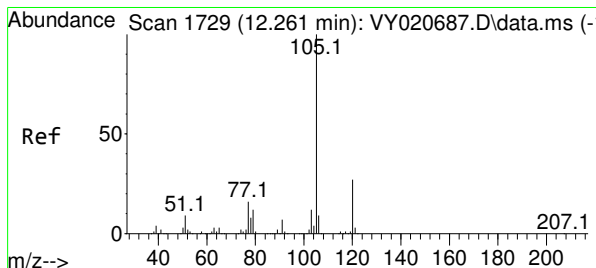
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	74.0
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.2	90.6
150	174.5	0.0	355.4





#73

Isopropylbenzene

Concen: 53.916 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

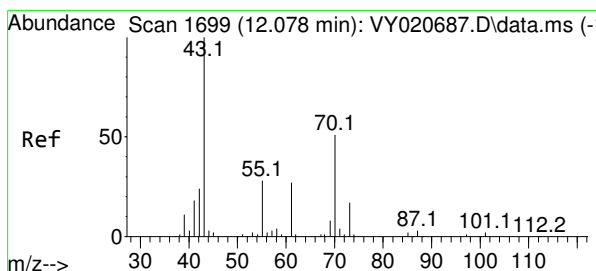
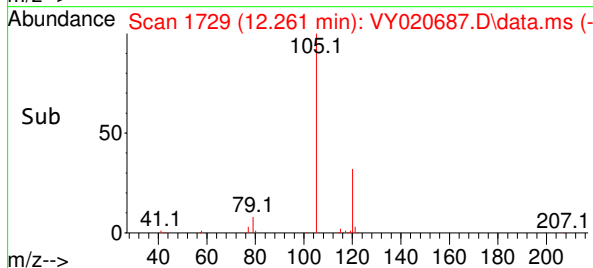
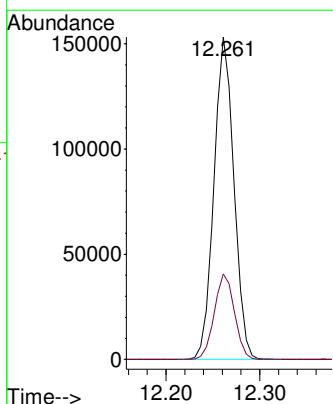
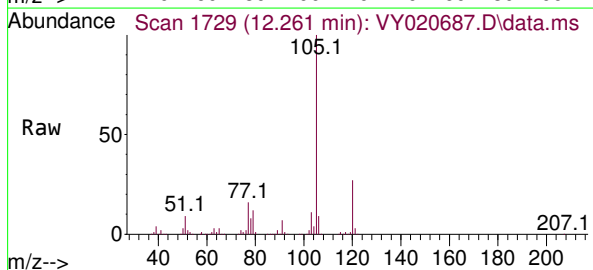
ClientSampleId :

Tgt Ion:105 Resp: 225831

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 61.787 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Tgt Ion: 43 Resp: 36365

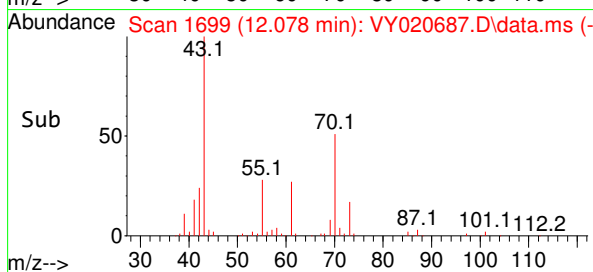
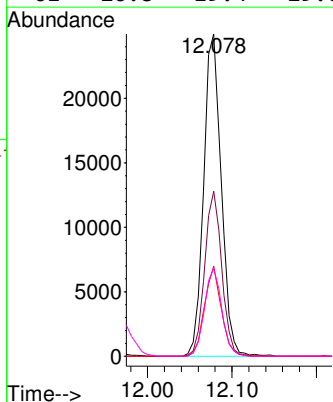
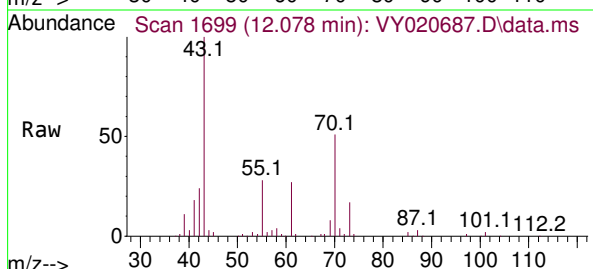
Ion Ratio Lower Upper

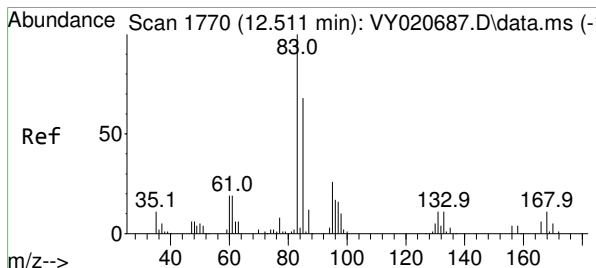
43 100

70 49.6 34.2 51.2

55 26.9 19.6 29.4

61 26.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.838 ug/l

RT: 12.511 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

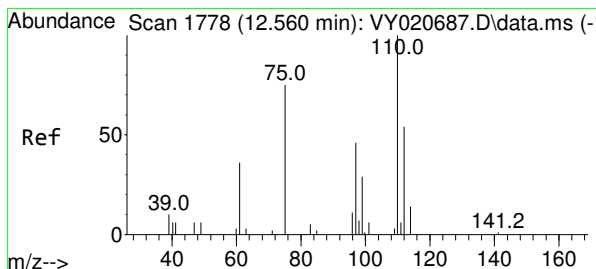
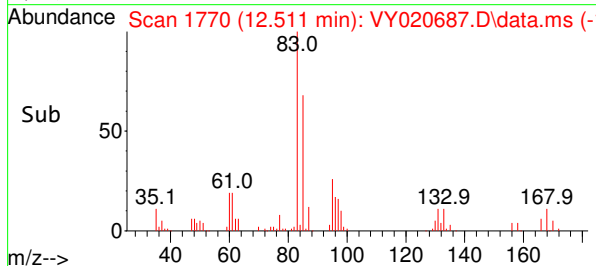
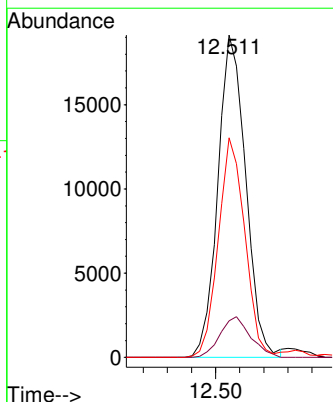
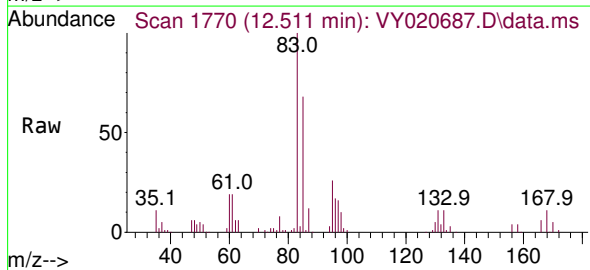
Tgt Ion: 83 Resp: 30636

Ion Ratio Lower Upper

83 100

131 13.8 5.2 15.6

85 64.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 114.713 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020687.D

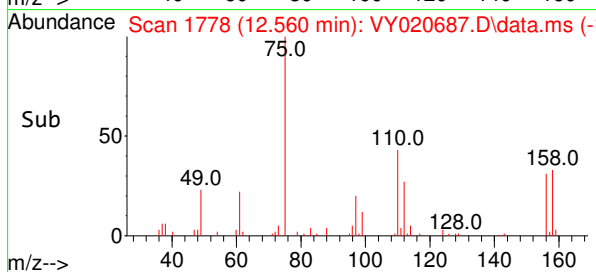
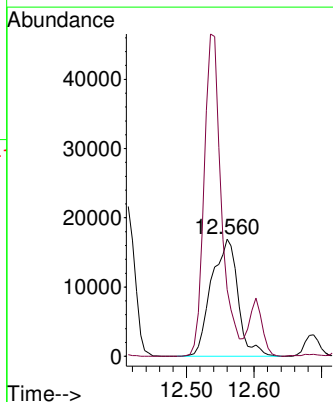
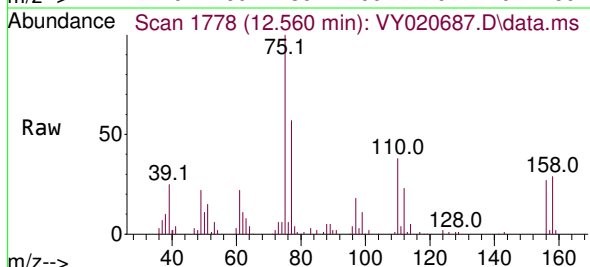
Acq: 23 Dec 2024 12:38

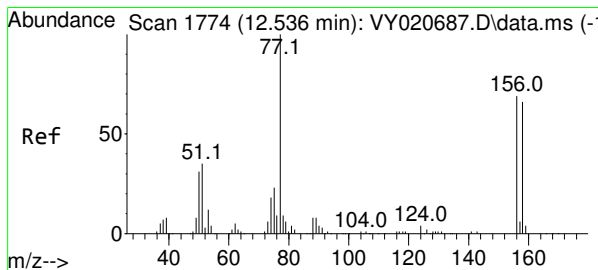
Tgt Ion: 75 Resp: 46299

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.049 ug/l

RT: 12.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

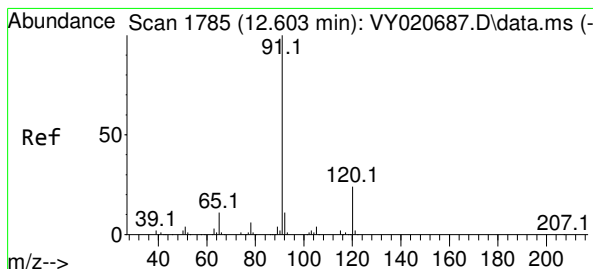
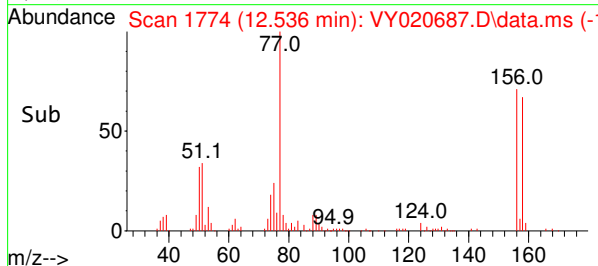
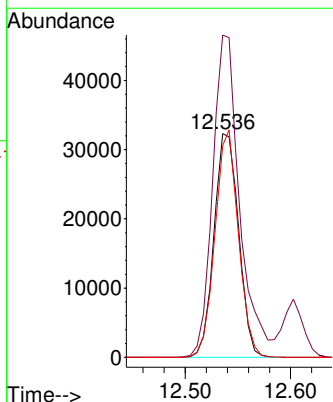
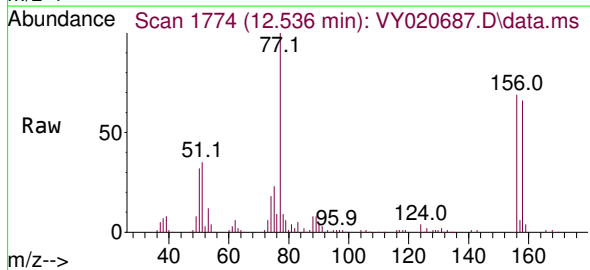
Tgt Ion:156 Resp: 52505

Ion Ratio Lower Upper

156 100

77 156.7 94.2 282.4

158 96.6 48.9 146.6



#78

n-propylbenzene

Concen: 53.863 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020687.D

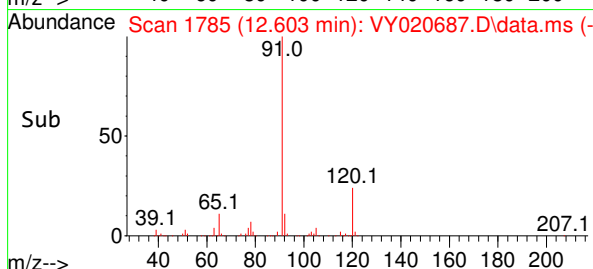
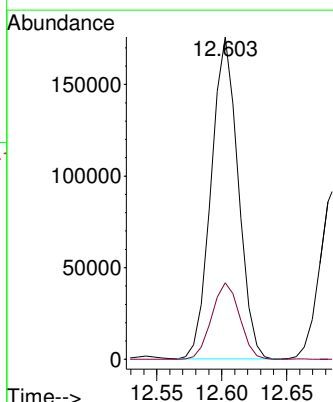
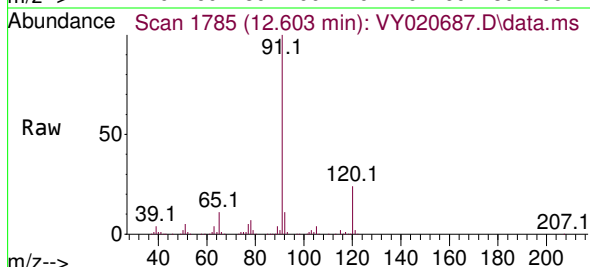
Acq: 23 Dec 2024 12:38

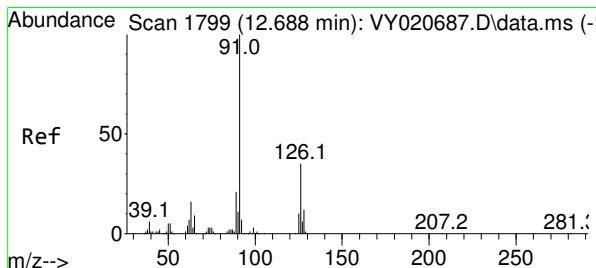
Tgt Ion: 91 Resp: 254354

Ion Ratio Lower Upper

91 100

120 24.5 11.1 33.1

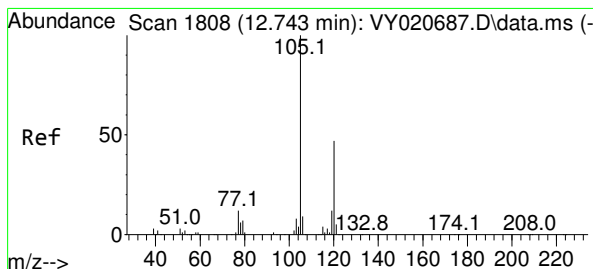
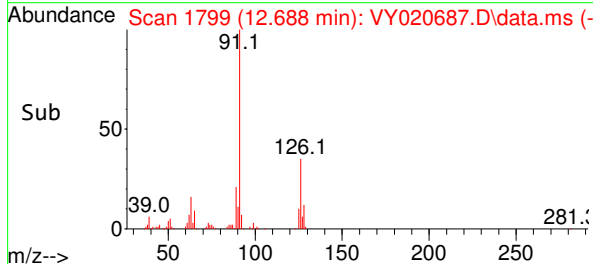
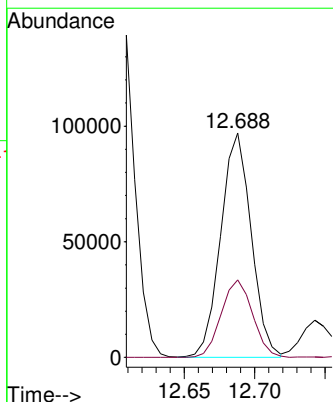
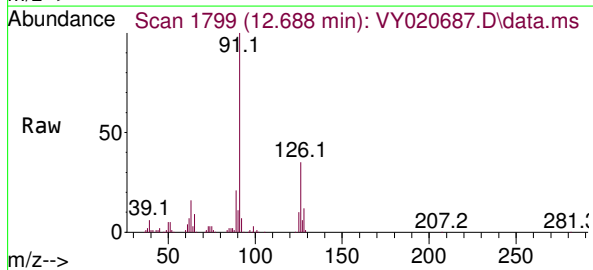




#79
2-Chlorotoluene
Concen: 54.253 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

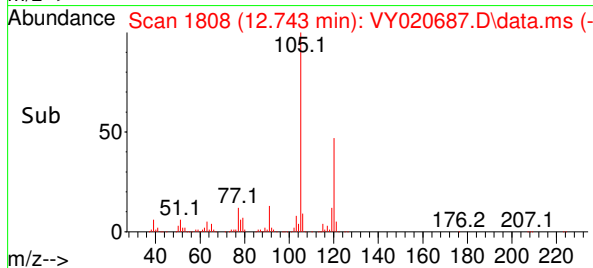
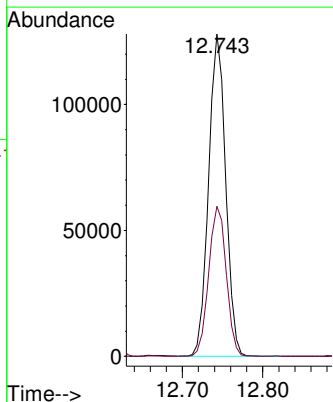
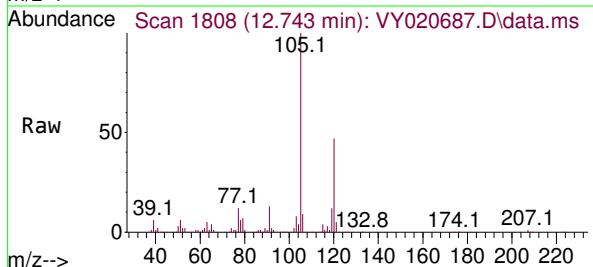
Instrument :
MSVOA_Y
ClientSampleId :

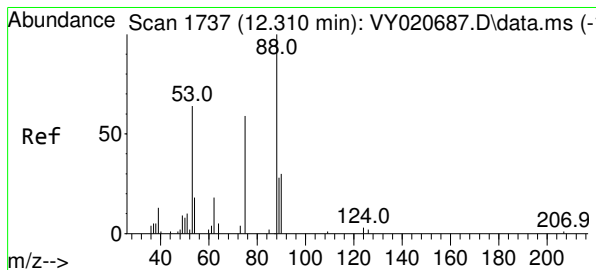
Tgt Ion: 91 Resp: 145847
Ion Ratio Lower Upper
91 100
126 35.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.200 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 105 Resp: 188299
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

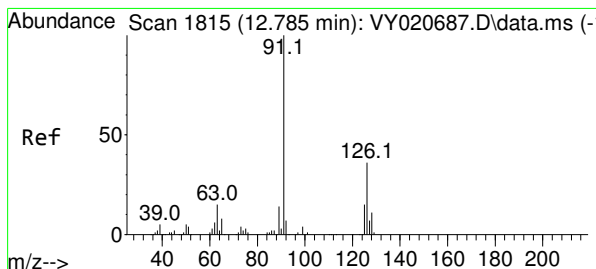
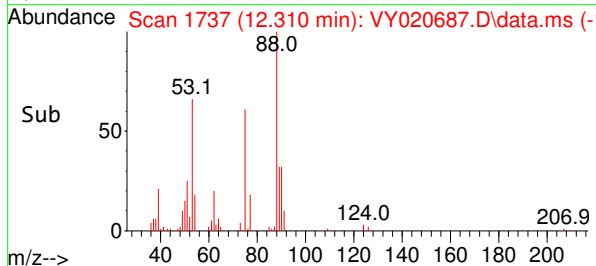
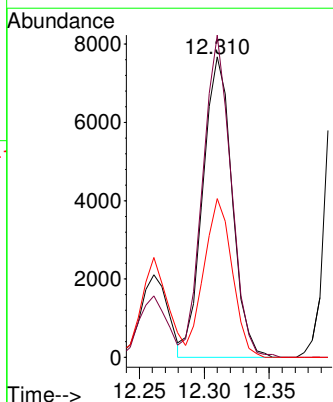
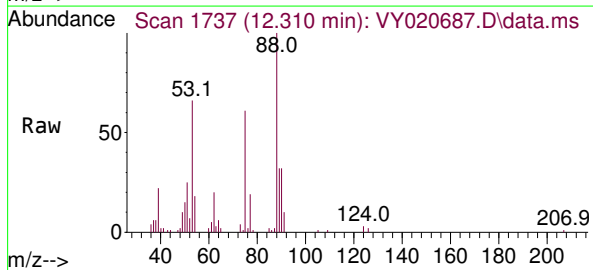




#81
trans-1,4-Dichloro-2-butene
Concen: 61.368 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

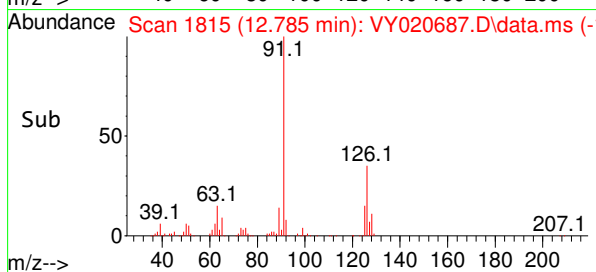
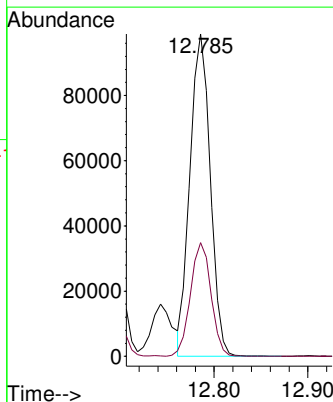
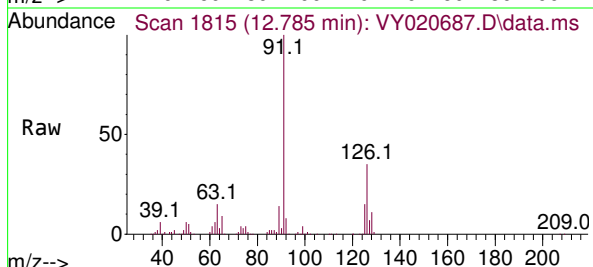
Instrument :
MSVOA_Y
ClientSampleId :

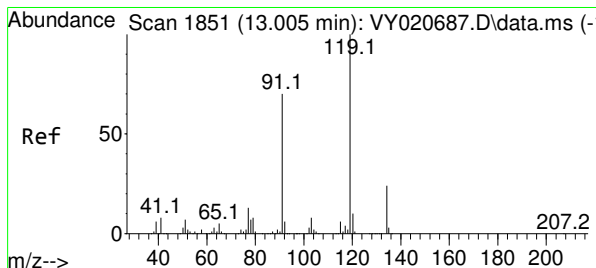
Tgt Ion: 75 Resp: 11989
Ion Ratio Lower Upper
75 100
53 103.9 75.4 113.2
89 50.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.377 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion: 91 Resp: 149088
Ion Ratio Lower Upper
91 100
126 35.7 16.6 49.7





#83

tert-Butylbenzene

Concen: 54.141 ug/l

RT: 13.005 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

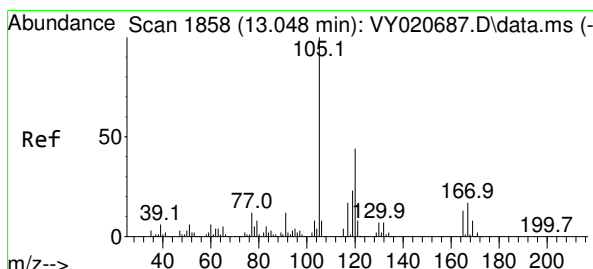
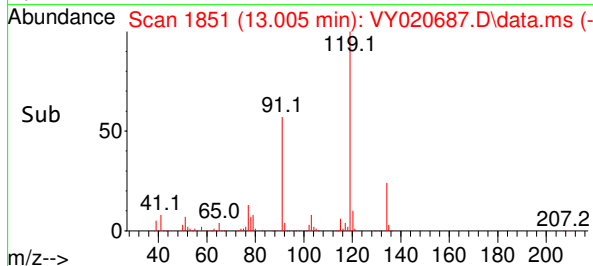
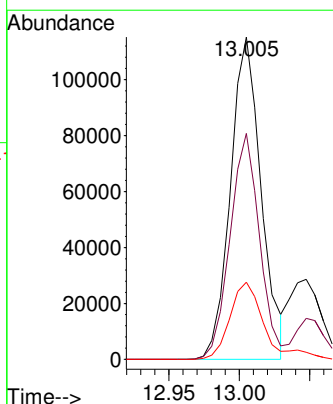
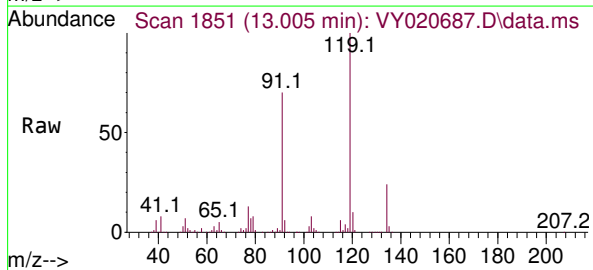
Tgt Ion:119 Resp: 175014

Ion Ratio Lower Upper

119 100

91 67.2 32.9 98.6

134 26.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 55.133 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020687.D

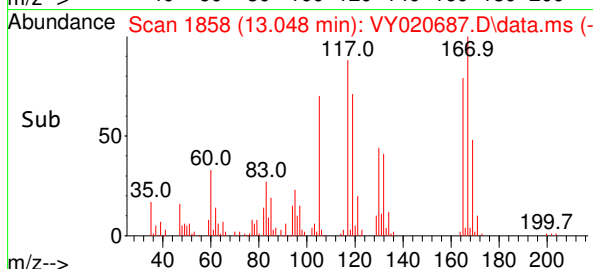
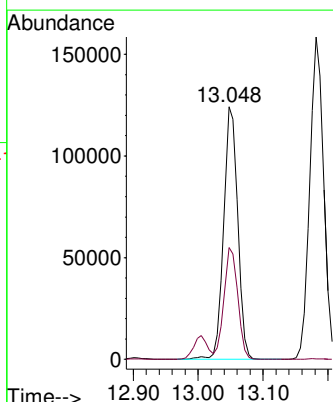
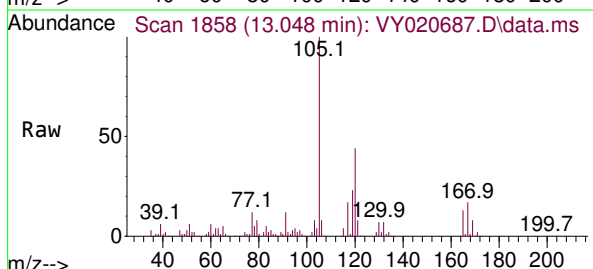
Acq: 23 Dec 2024 12:38

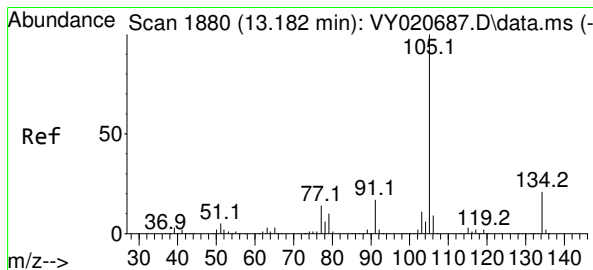
Tgt Ion:105 Resp: 187108

Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.4





#85

sec-Butylbenzene

Concen: 53.941 ug/l

RT: 13.182 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

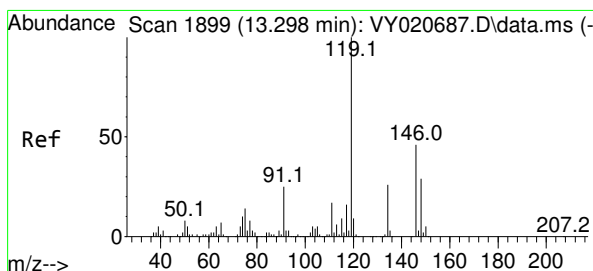
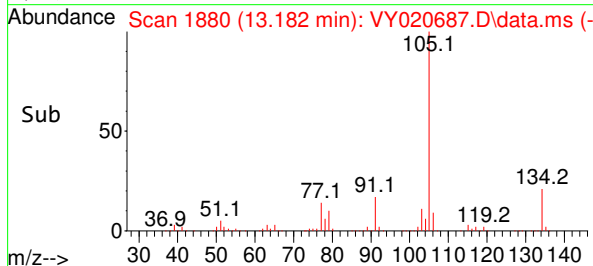
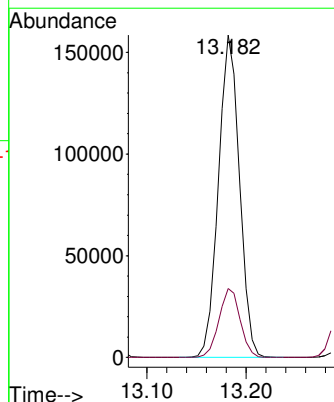
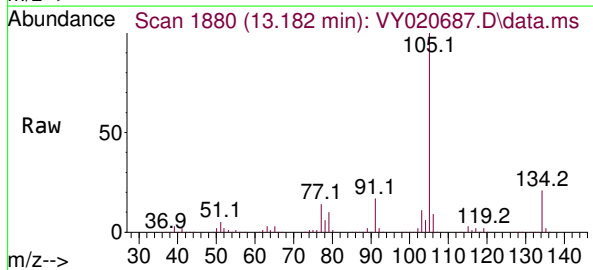
ClientSampleId :

Tgt Ion:105 Resp: 234783

Ion Ratio Lower Upper

105 100

134 21.4 10.0 30.0



#86

p-Isopropyltoluene

Concen: 54.626 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

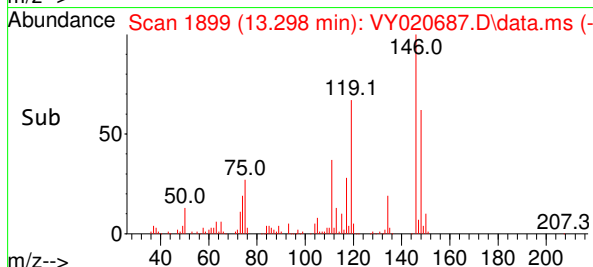
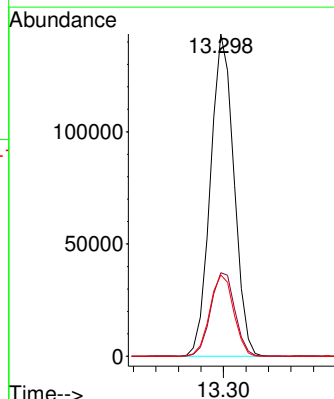
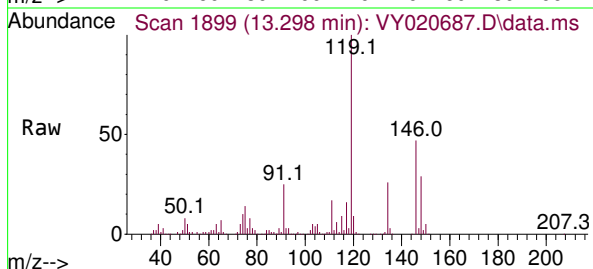
Tgt Ion:119 Resp: 207868

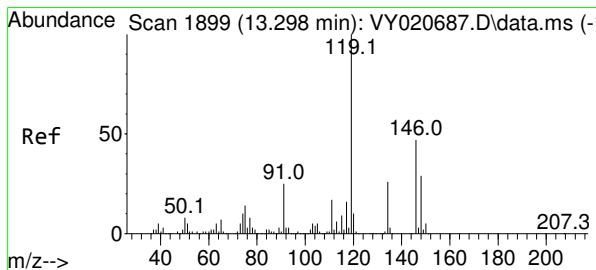
Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 55.664 ug/l

RT: 13.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

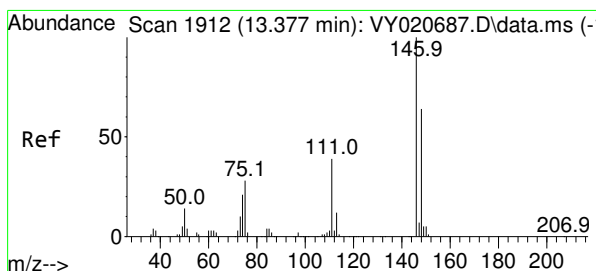
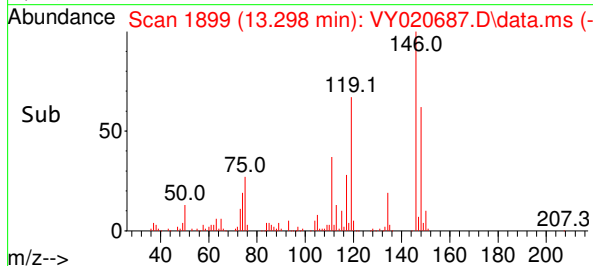
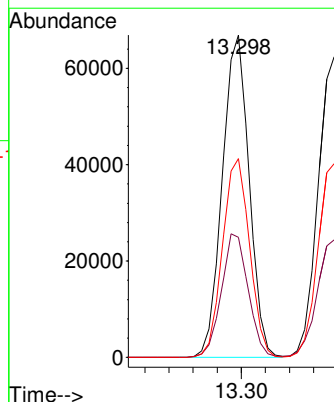
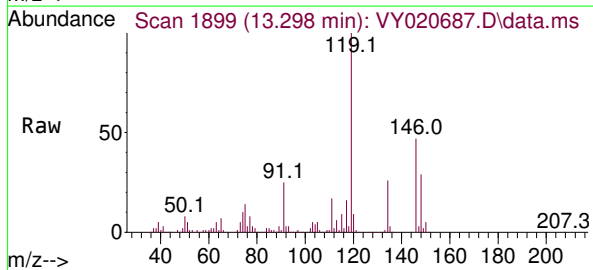
Tgt Ion:146 Resp: 103140

Ion Ratio Lower Upper

146 100

111 38.5 20.6 61.8

148 62.3 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 54.451 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

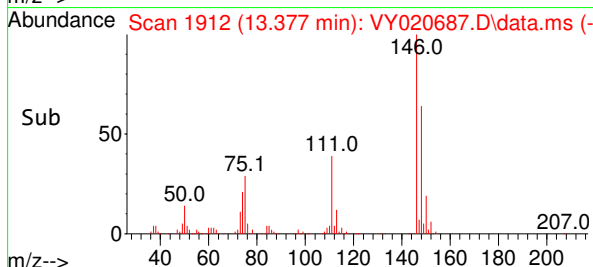
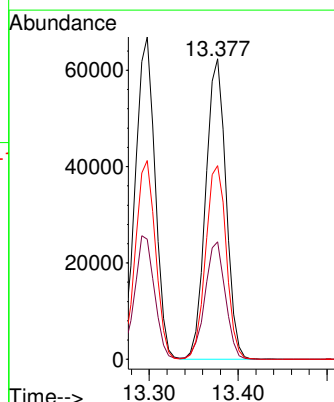
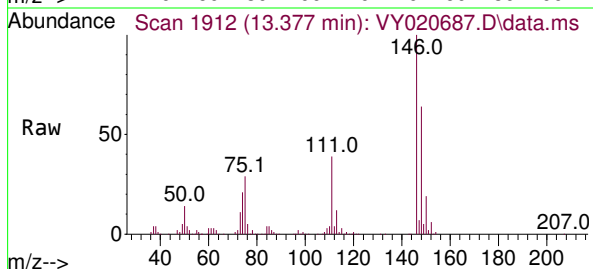
Tgt Ion:146 Resp: 98848

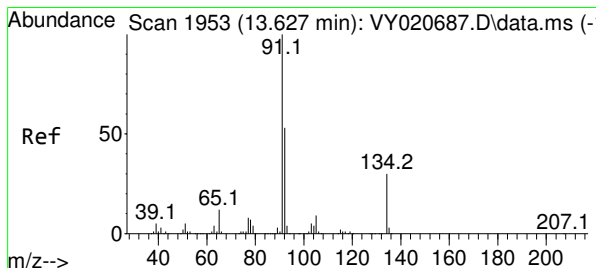
Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 65.5 31.9 95.5

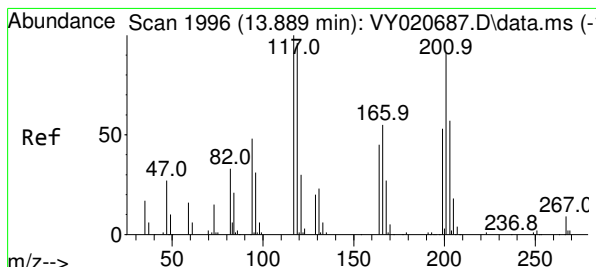
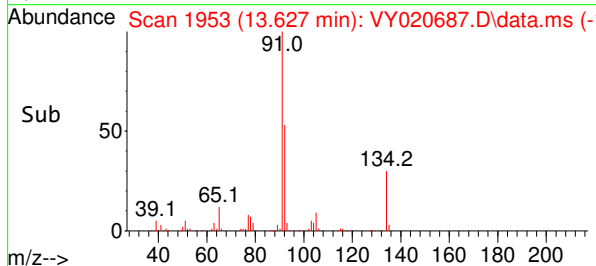
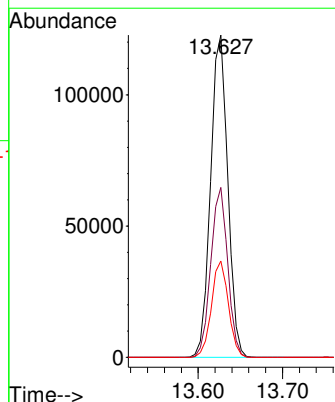
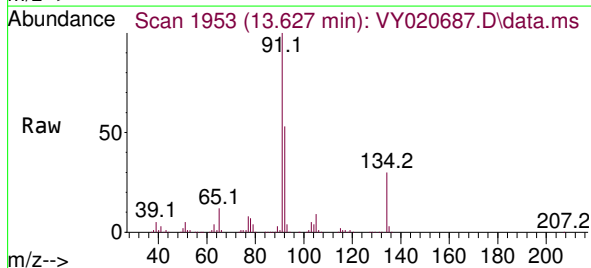




#89
n-Butylbenzene
Concen: 54.256 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

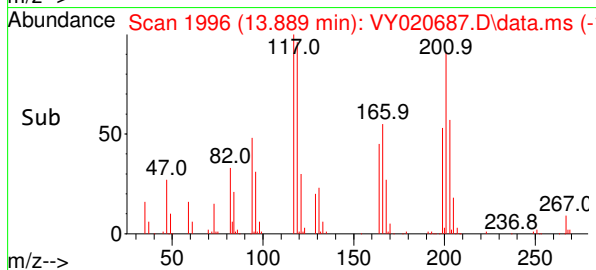
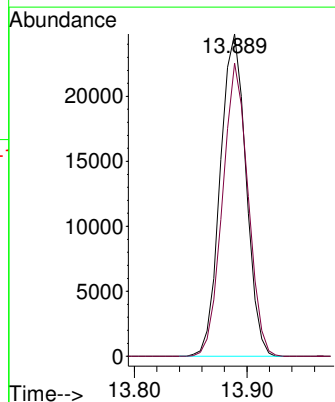
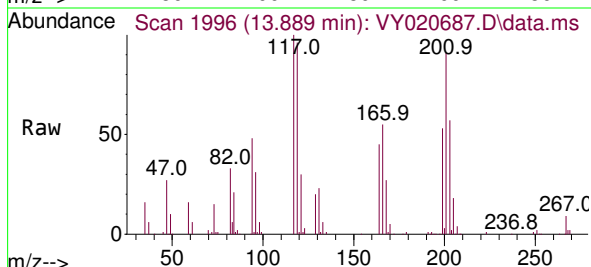
Instrument :
MSVOA_Y
ClientSampleId :

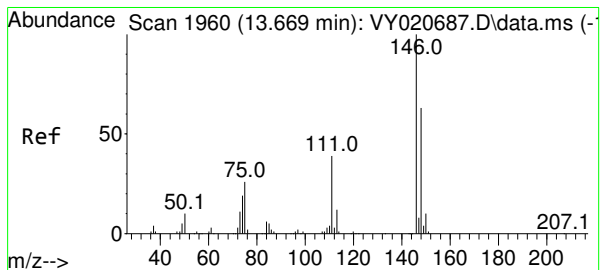
Tgt Ion: 91 Resp: 173932
Ion Ratio Lower Upper
91 100
92 52.1 26.8 80.4
134 29.6 12.5 37.5



#90
Hexachloroethane
Concen: 54.527 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020687.D
Acq: 23 Dec 2024 12:38

Tgt Ion:117 Resp: 39363
Ion Ratio Lower Upper
117 100
201 89.8 39.1 117.3

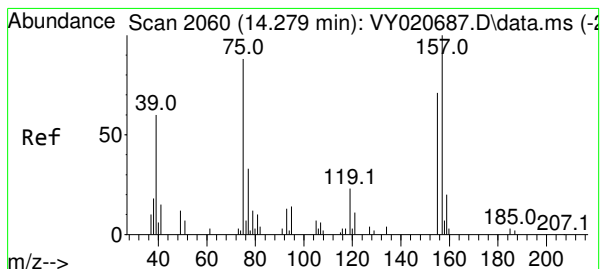
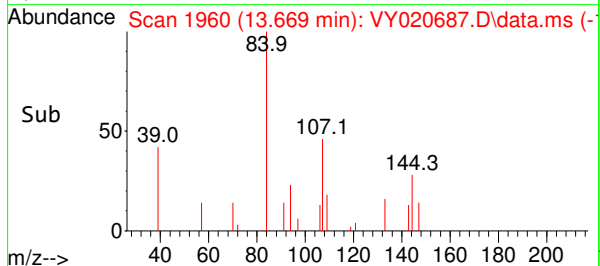
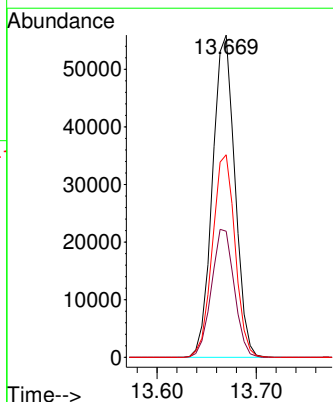
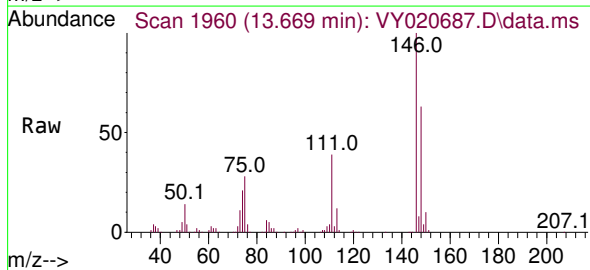




#91
 1,2-Dichlorobenzene
 Concen: 55.411 ug/l
 RT: 13.669 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

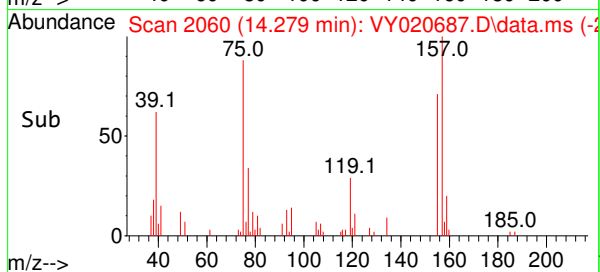
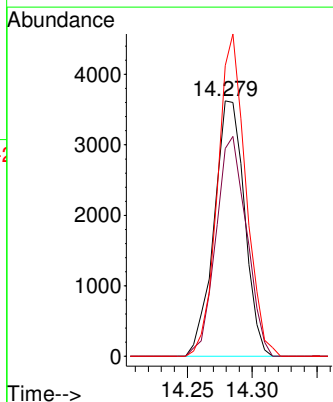
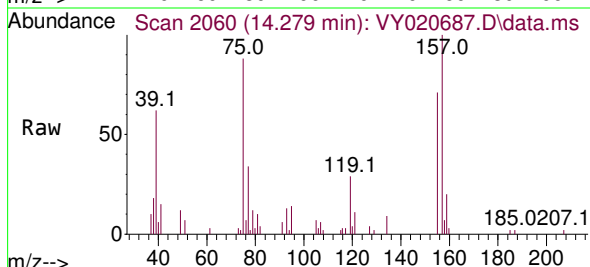
Instrument :
 MSVOA_Y
 ClientSampleId :

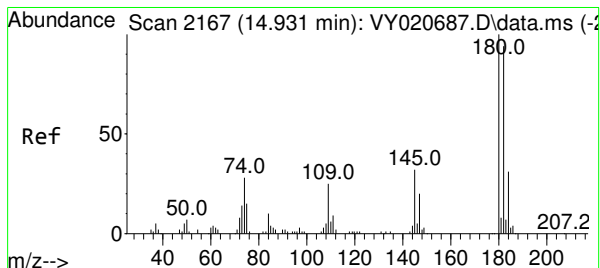
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.3	63.7
148	63.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.338 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY020687.D
 Acq: 23 Dec 2024 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	41.1	123.3
157	117.1	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 57.563 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

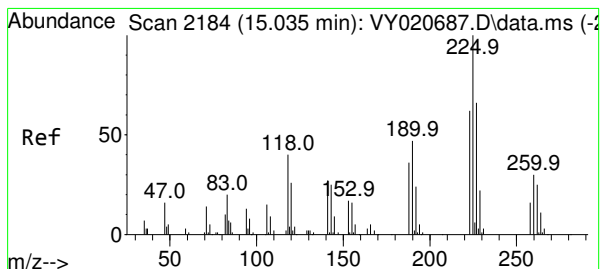
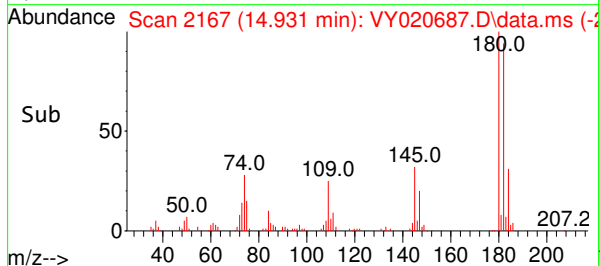
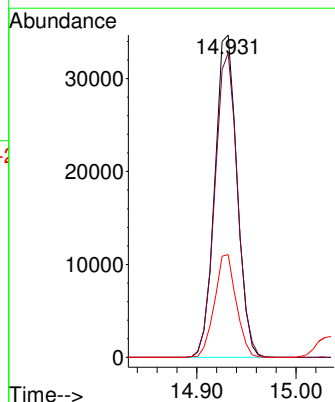
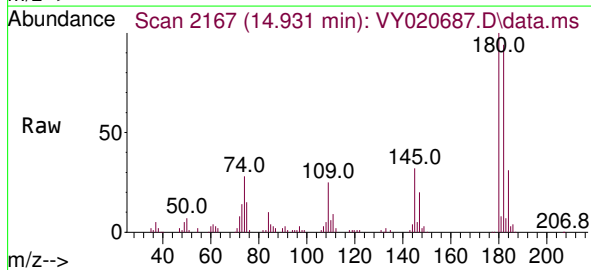
Tgt Ion:180 Resp: 54343

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 31.2 15.6 46.7



#94

Hexachlorobutadiene

Concen: 54.993 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

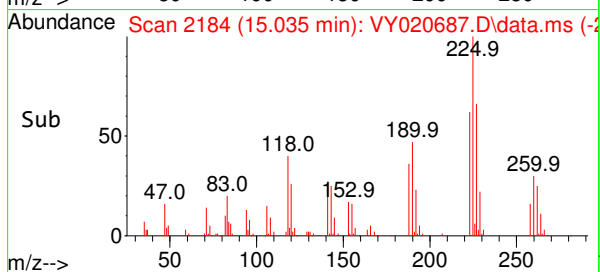
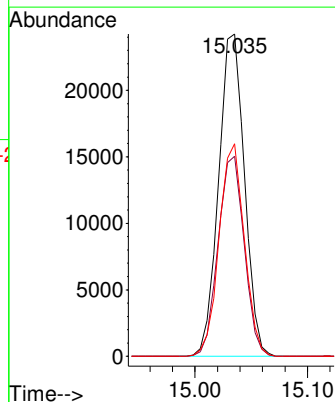
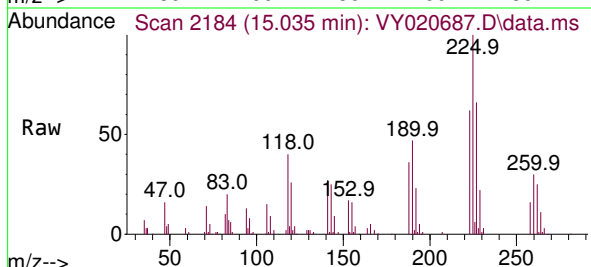
Tgt Ion:225 Resp: 38655

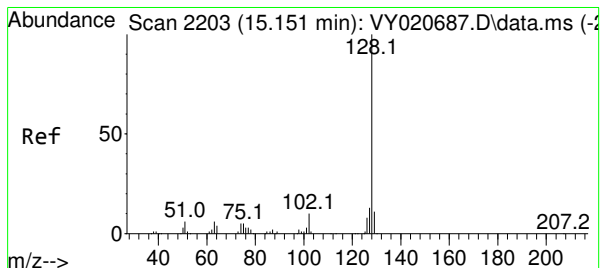
Ion Ratio Lower Upper

225 100

223 62.5 31.8 95.3

227 64.3 32.2 96.6





#95

Naphthalene

Concen: 53.559 ug/l

RT: 15.151 min Scan# 2

Delta R.T. -0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

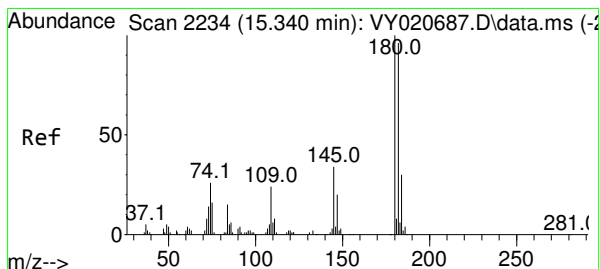
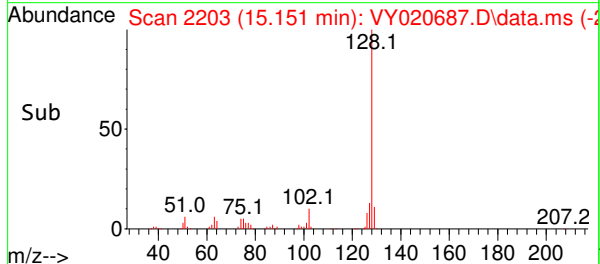
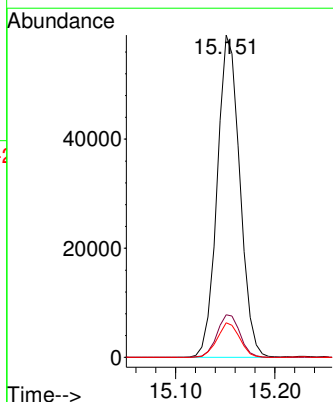
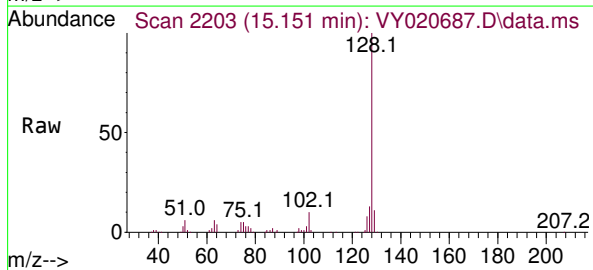
Tgt Ion:128 Resp: 94107

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 58.249 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020687.D

Acq: 23 Dec 2024 12:38

Tgt Ion:180 Resp: 45974

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 33.4 16.0 48.0

