

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020693.D
 Acq On : 23 Dec 2024 15:51
 Operator : SY/MD
 Sample : VY1223SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 16:28:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	116113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	161575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	134443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	68792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	52460	51.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.646	113	47926	50.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.115	98	190819	55.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.414	95	63200	50.391	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	19070	21.318	ug/l	96
3) Chloromethane	2.080	50	7726	21.200	ug/l	89
4) Vinyl Chloride	2.214	62	9014	20.287	ug/l	93
5) Bromomethane	2.610	94	6829	21.766	ug/l	98
6) Chloroethane	2.751	64	5481	20.297	ug/l	94
7) Trichlorofluoromethane	3.074	101	33419	20.915	ug/l	92
8) Diethyl Ether	3.464	74	7834	20.483	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.830	101	18473	21.172	ug/l	92
10) Methyl Iodide	4.019	142	19403	19.304	ug/l #	84
11) Tert butyl alcohol	4.884	59	7014	93.353	ug/l #	88
12) 1,1-Dichloroethene	3.811	96	16257	20.994	ug/l #	72
13) Acrolein	3.671	56	2829	146.178	ug/l	96
14) Allyl chloride	4.397	41	19606	21.590	ug/l #	77
15) Acrylonitrile	5.073	53	14391	102.084	ug/l	96
16) Acetone	3.891	43	11433	97.335	ug/l	90
17) Carbon Disulfide	4.122	76	39139	20.272	ug/l	99
18) Methyl Acetate	4.409	43	7884	25.944	ug/l #	85
19) Methyl tert-butyl Ether	5.128	73	43581	20.690	ug/l	92
20) Methylene Chloride	4.628	84	16568	21.167	ug/l #	78
21) trans-1,2-Dichloroethene	5.128	96	17790	21.306	ug/l	89
22) Diisopropyl ether	6.031	45	40004	21.549	ug/l #	81
23) Vinyl Acetate	5.976	43	109581	99.683	ug/l #	90
24) 1,1-Dichloroethane	5.933	63	29890	21.598	ug/l	99
25) 2-Butanone	6.908	43	16204	98.205	ug/l #	82
26) 2,2-Dichloropropane	6.896	77	36752	21.226	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	20635	20.749	ug/l	92
28) Bromochloromethane	7.262	49	7297	19.983	ug/l #	59
29) Tetrahydrofuran	7.274	42	9439	97.328	ug/l #	67
30) Chloroform	7.433	83	37539	20.636	ug/l	98
31) Cyclohexane	7.713	56	24199	19.943	ug/l #	76
32) 1,1,1-Trichloroethane	7.628	97	41061	21.606	ug/l	96
36) 1,1-Dichloropropene	7.847	75	25245	21.891	ug/l	96
37) Ethyl Acetate	7.000	43	7186	19.067	ug/l #	94
38) Carbon Tetrachloride	7.829	117	40083	21.479	ug/l	95
39) Methylcyclohexane	9.115	83	31014	21.159	ug/l	88
40) Benzene	8.091	78	72425	21.770	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3212	15.043	ug/l #	61
42) 1,2-Dichloroethane	8.164	62	21881	20.681	ug/l	99
43) Isopropyl Acetate	8.207	43	15542	19.841	ug/l #	88
44) Trichloroethene	8.878	130	21118	21.389	ug/l	85
45) 1,2-Dichloropropane	9.146	63	14078	21.538	ug/l	96
46) Dibromomethane	9.237	93	9618	21.314	ug/l	90
47) Bromodichloromethane	9.432	83	27504	21.486	ug/l	97
48) Methyl methacrylate	9.231	41	7342	19.772	ug/l #	74
49) 1,4-Dioxane	9.237	88	1811	427.889	ug/l	88
51) 4-Methyl-2-Pentanone	10.005	43	38532	98.474	ug/l	93
52) Toluene	10.176	92	49502	21.851	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	23556	20.797	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	27001	21.634	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	12224	20.921	ug/l	94
56) Ethyl methacrylate	10.444	69	14890	19.978	ug/l	88
57) 1,3-Dichloropropane	10.725	76	20055	20.998	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	25366	91.075	ug/l #	81
59) 2-Hexanone	10.768	43	24683	99.033	ug/l	91
60) Dibromochloromethane	10.914	129	20089	21.535	ug/l	100
61) 1,2-Dibromoethane	11.024	107	11435	20.876	ug/l	100
64) Tetrachloroethene	10.652	164	19601	21.953	ug/l	95
65) Chlorobenzene	11.450	112	55302	22.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	20919	21.323	ug/l	95
67) Ethyl Benzene	11.523	91	98855	21.932	ug/l	98
68) m/p-Xylenes	11.633	106	75012	43.642	ug/l	100
69) o-Xylene	11.962	106	35407	21.930	ug/l	97
70) Styrene	11.975	104	60026	22.103	ug/l	100
71) Bromoform	12.139	173	12130	21.586	ug/l #	100
73) Isopropylbenzene	12.261	105	100172	21.408	ug/l	99
74) N-amyl acetate	12.078	43	12342	18.771	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.517	83	12299	20.425	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	18125	38.205	ug/l #	100
77) Bromobenzene	12.535	156	22661	21.268	ug/l	84
78) n-propylbenzene	12.603	91	112609	21.346	ug/l	95
79) 2-Chlorotoluene	12.688	91	64543	21.492	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	84160	21.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4317	19.781	ug/l	95
82) 4-Chlorotoluene	12.785	91	64790	21.153	ug/l	95
83) tert-Butylbenzene	13.005	119	77381	21.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	82010	21.631	ug/l	99
85) sec-Butylbenzene	13.182	105	105840	21.767	ug/l	97
86) p-Isopropyltoluene	13.298	119	93419	21.976	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	44326	21.414	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	43876	21.635	ug/l	99
89) n-Butylbenzene	13.627	91	78283	21.859	ug/l	95
90) Hexachloroethane	13.889	117	16570	20.547	ug/l	83
91) 1,2-Dichlorobenzene	13.669	146	37520	21.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2285	19.915	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	21862	20.729	ug/l	98
94) Hexachlorobutadiene	15.035	225	17176	21.873	ug/l	98
95) Naphthalene	15.151	128	33900	19.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	17632	19.997	ug/l	98

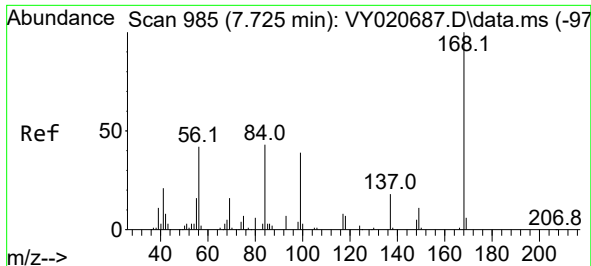
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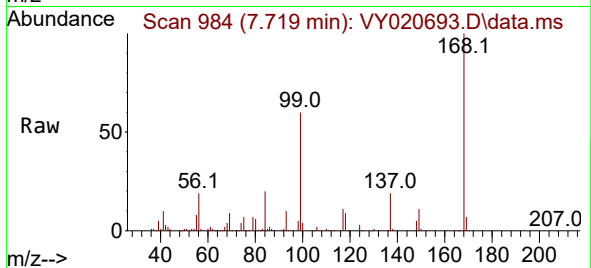
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

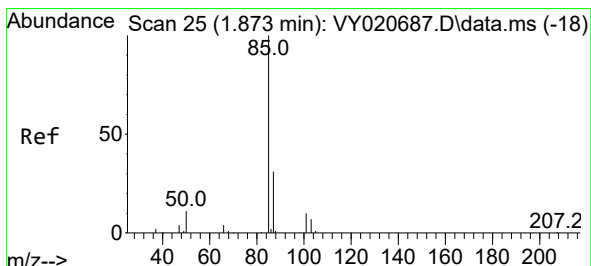
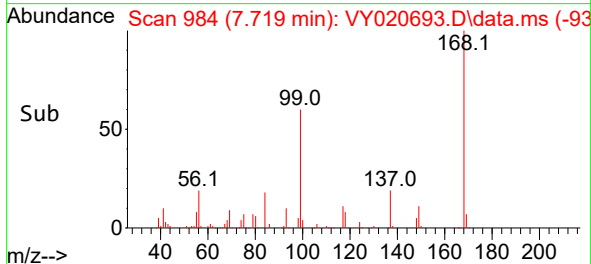
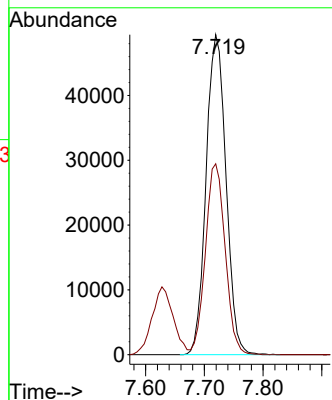


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

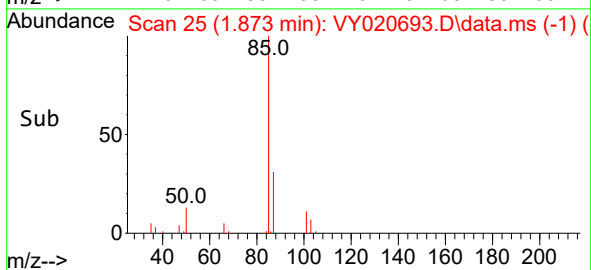
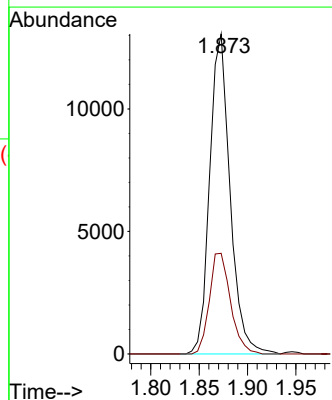
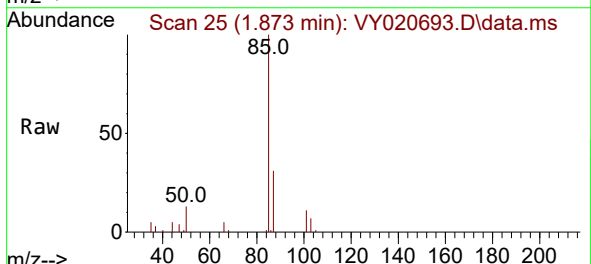


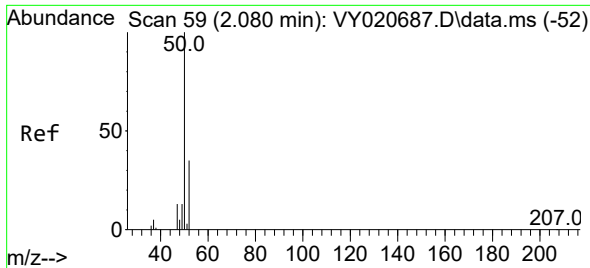
Tgt Ion:168 Resp: 116113
Ion Ratio Lower Upper
168 100
99 59.7 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 21.318 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

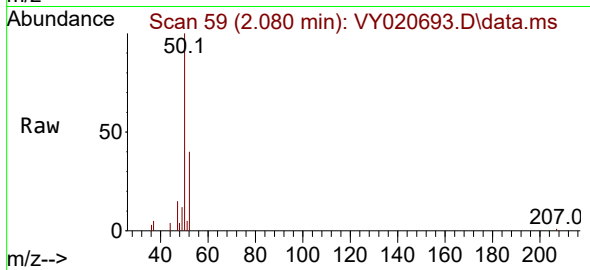
Tgt Ion: 85 Resp: 19070
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.3



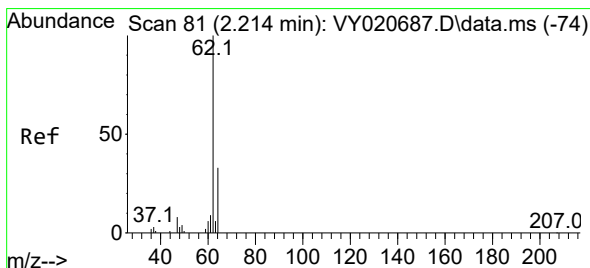
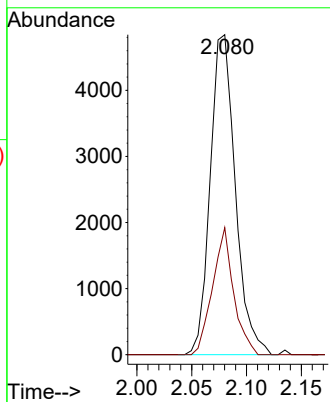
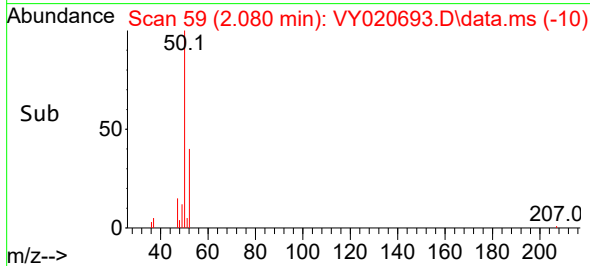


#3
Chloromethane
Concen: 21.200 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

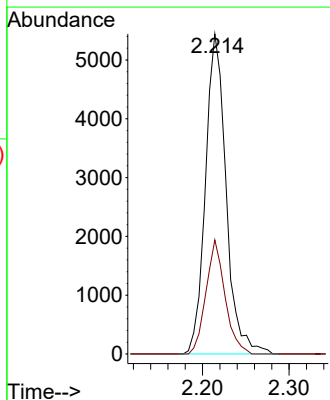
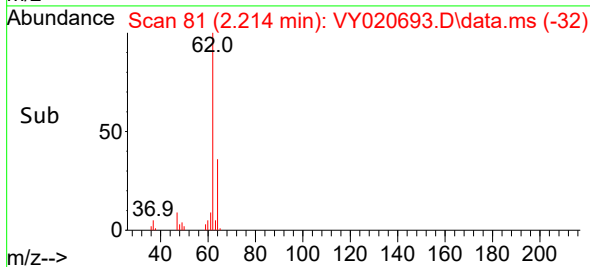
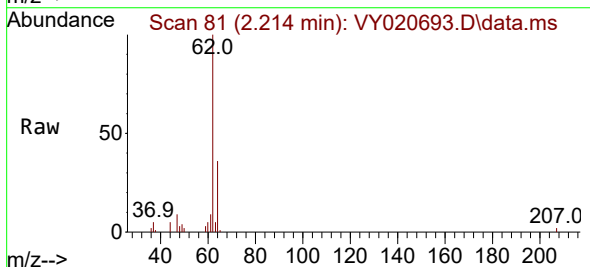


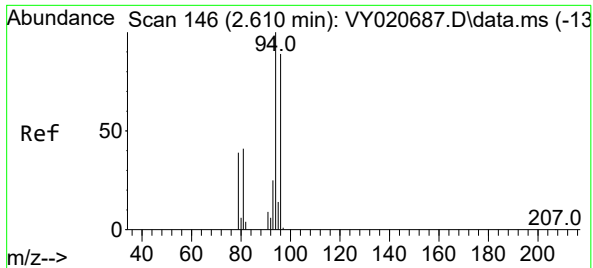
Tgt Ion: 50 Resp: 7726
Ion Ratio Lower Upper
50 100
52 39.7 26.8 40.2



#4
Vinyl Chloride
Concen: 20.287 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 62 Resp: 9014
Ion Ratio Lower Upper
62 100
64 35.7 25.3 37.9

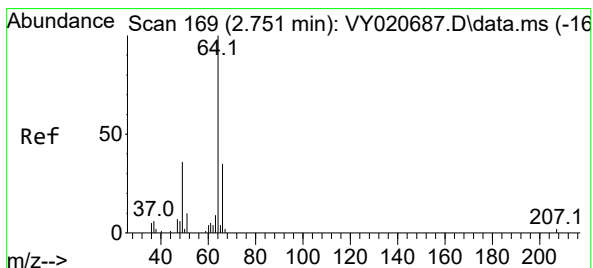
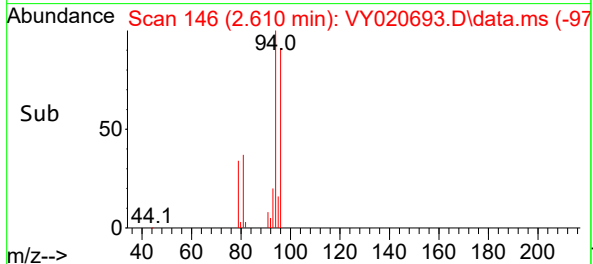
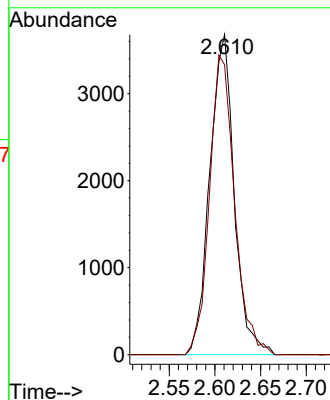
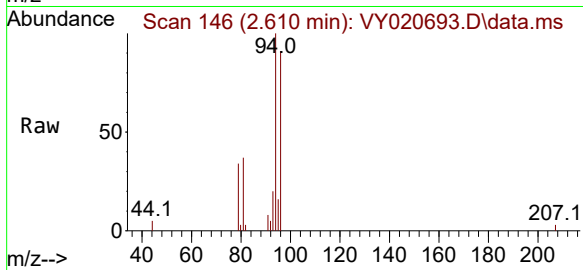




#5
Bromomethane
Concen: 21.766 ug/l
RT: 2.610 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

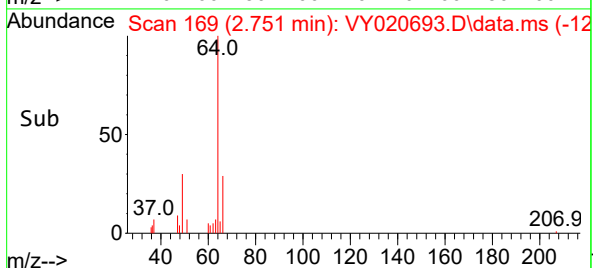
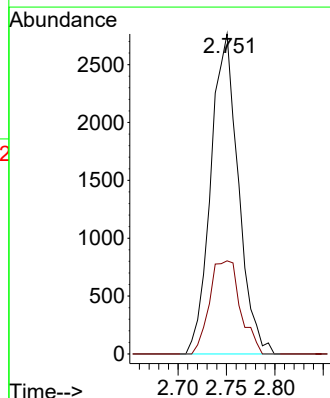
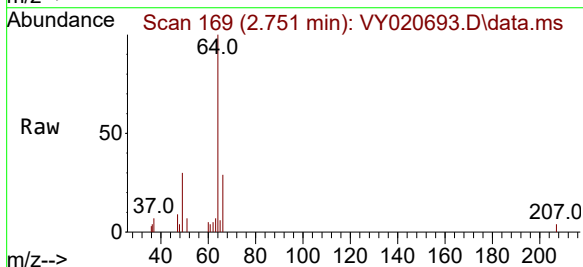
Instrument :
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ClientSampleId :

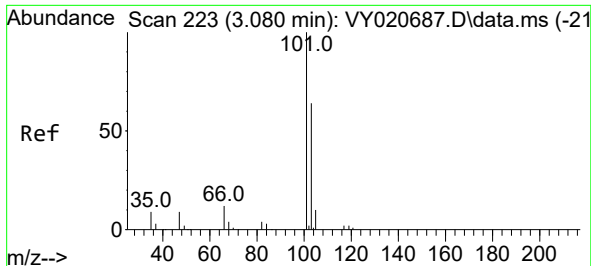
Tgt Ion: 94 Resp: 6829
Ion Ratio Lower Upper
94 100
96 90.7 73.8 110.6



#6
Chloroethane
Concen: 20.297 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 64 Resp: 5481
Ion Ratio Lower Upper
64 100
66 29.1 25.8 38.6

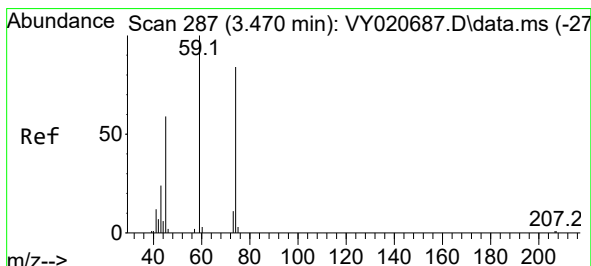
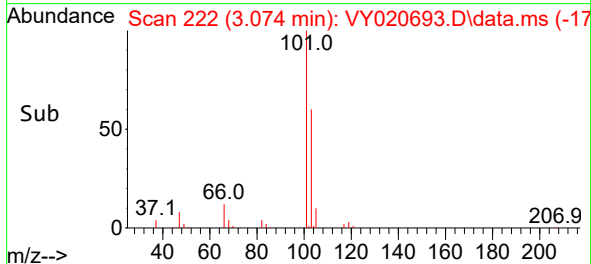
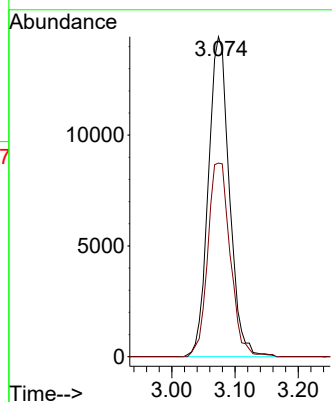
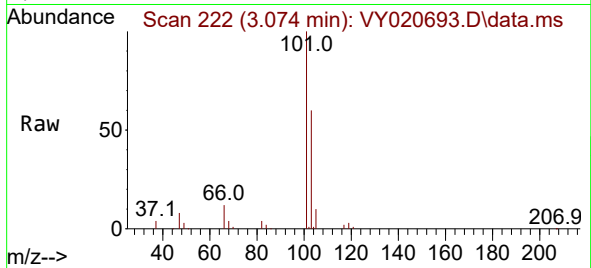




#7
Trichlorofluoromethane
Concen: 20.915 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

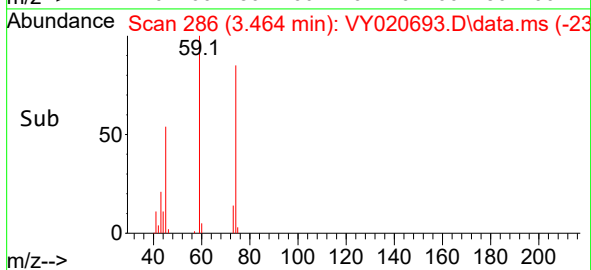
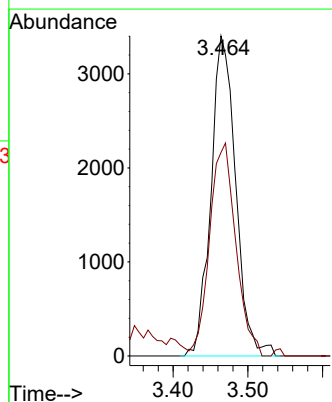
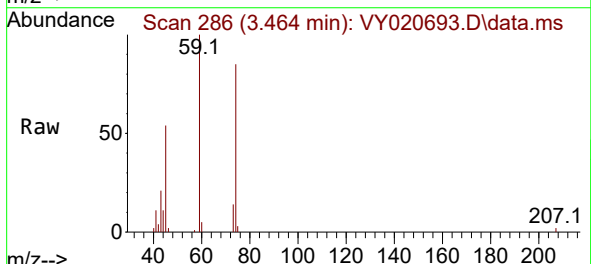
Instrument :
MSVOA_Y
ClientSampleId :

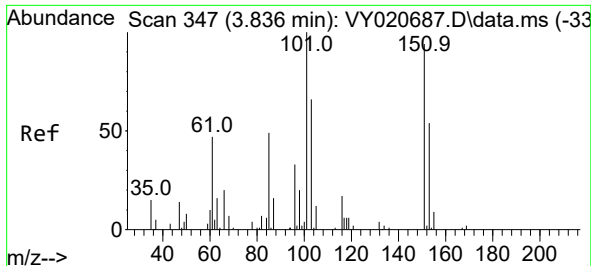
Tgt Ion:101 Resp: 33419
Ion Ratio Lower Upper
101 100
103 60.5 53.4 80.0



#8
Diethyl Ether
Concen: 20.483 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 74 Resp: 7834
Ion Ratio Lower Upper
74 100
45 70.3 49.0 147.2

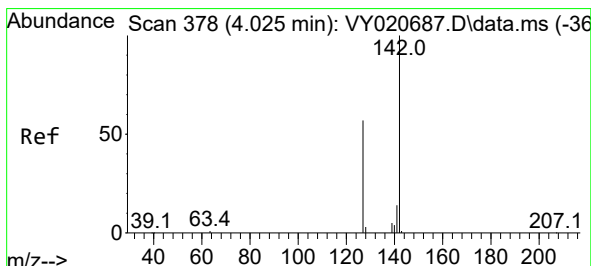
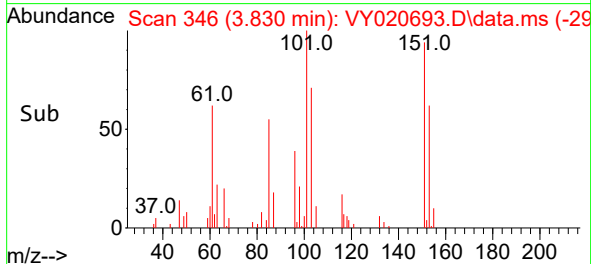
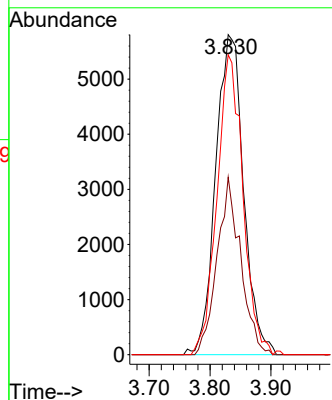
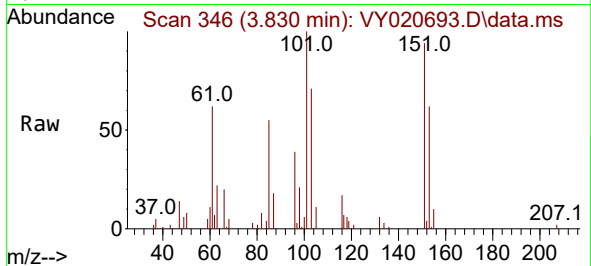




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.172 ug/l
RT: 3.830 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY020693.D
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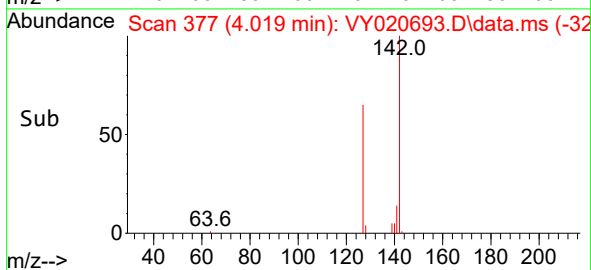
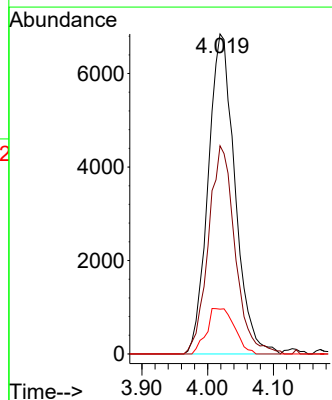
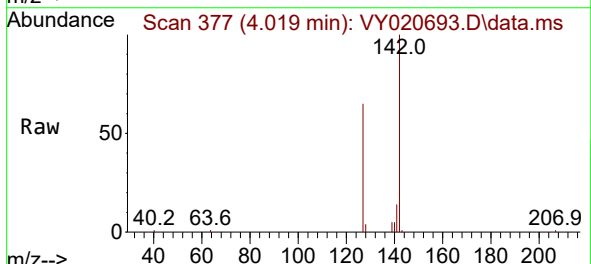
Instrument :
MSVOA_Y
ClientSampleId :

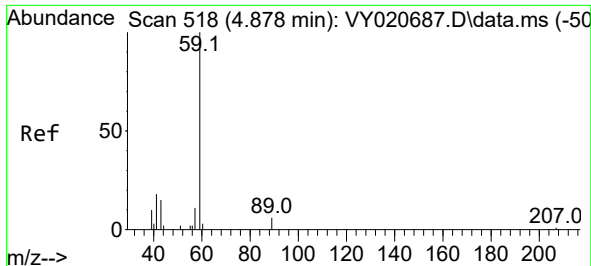
Tgt Ion:101 Resp: 18473
Ion Ratio Lower Upper
101 100
85 46.9 36.6 54.8
151 87.2 61.5 92.3



#10
Methyl Iodide
Concen: 19.304 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion:142 Resp: 19403
Ion Ratio Lower Upper
142 100
127 64.7 40.6 61.0#
141 14.7 11.7 17.5

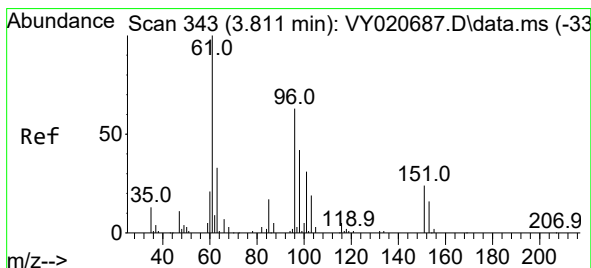
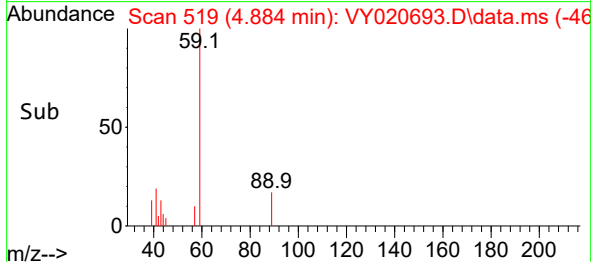
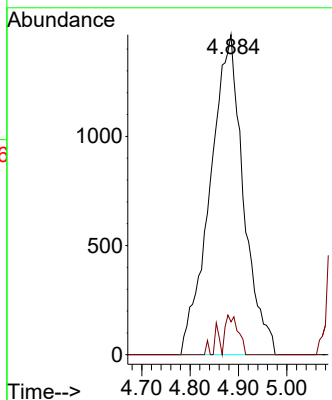
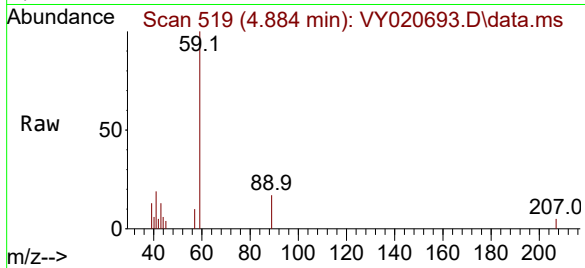




#11
Tert butyl alcohol
Concen: 93.353 ug/l
RT: 4.884 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

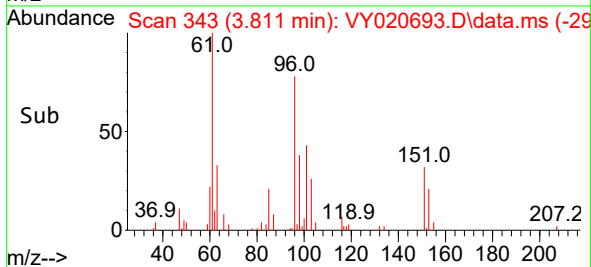
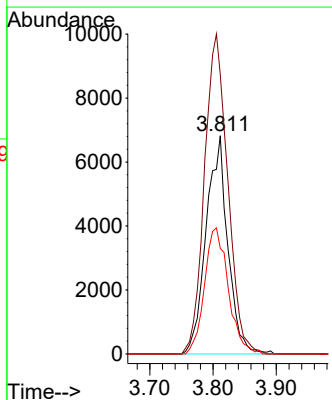
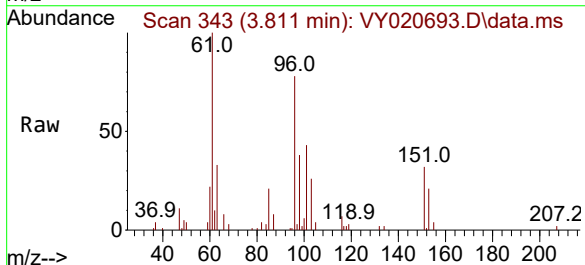
Instrument :
MSVOA_Y
ClientSampleId :

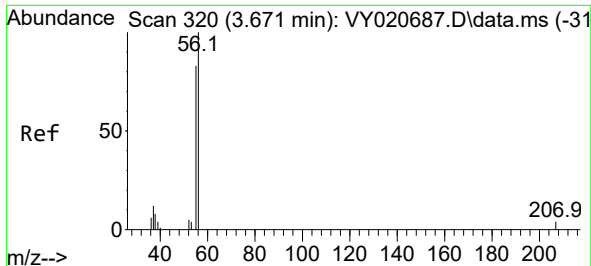
Tgt Ion: 59 Resp: 7014
Ion Ratio Lower Upper
59 100
57 4.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.994 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

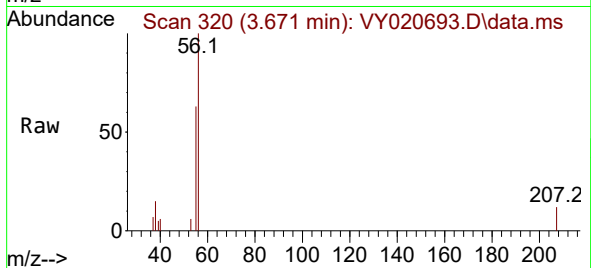
Tgt Ion: 96 Resp: 16257
Ion Ratio Lower Upper
96 100
61 128.0 136.9 205.3#
98 48.4 50.2 75.4#



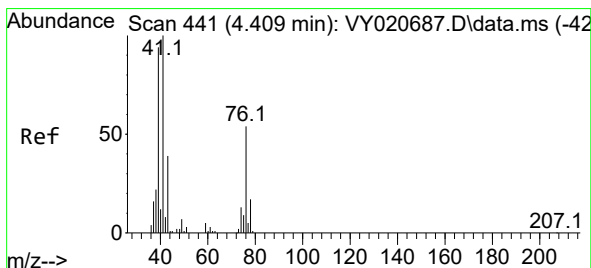
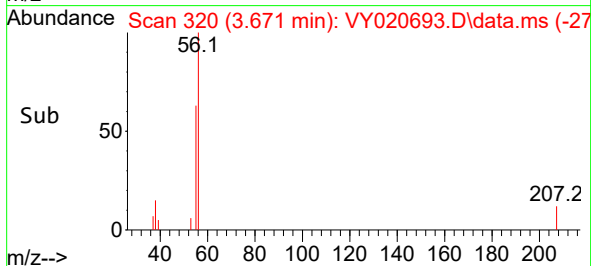
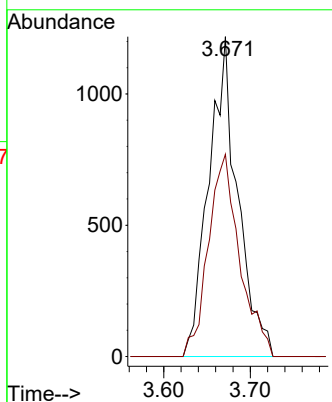


#13
Acrolein
Concen: 146.178 ug/l
RT: 3.671 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

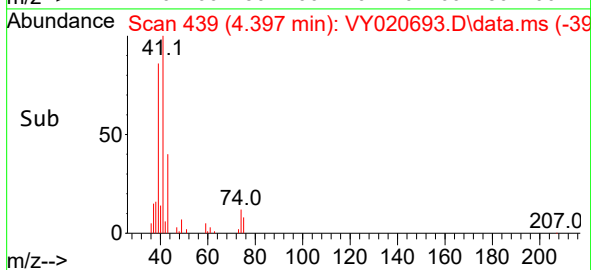
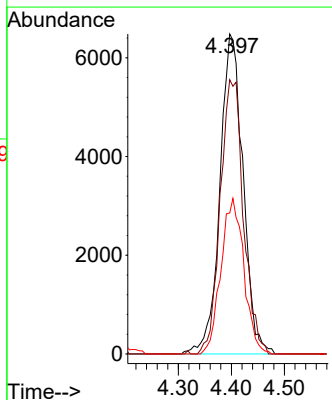
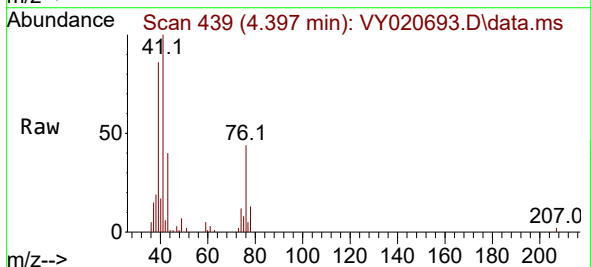


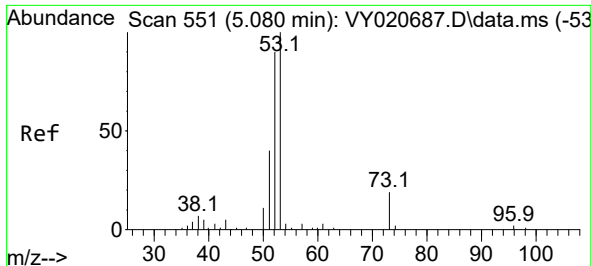
Tgt Ion: 56 Resp: 2829
Ion Ratio Lower Upper
56 100
55 68.4 57.5 86.3



#14
Allyl chloride
Concen: 21.590 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

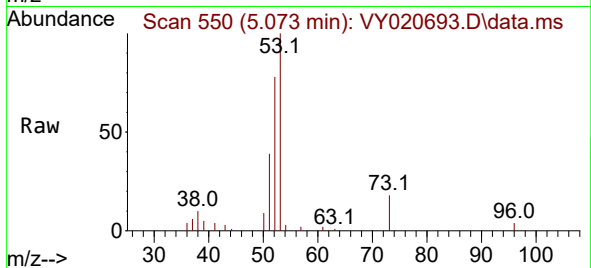
Tgt Ion: 41 Resp: 19606
Ion Ratio Lower Upper
41 100
39 85.8 53.0 79.4#
76 48.2 29.5 44.3#



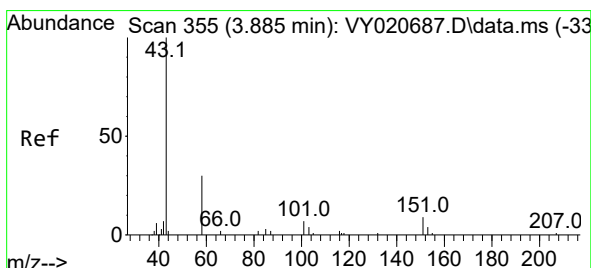
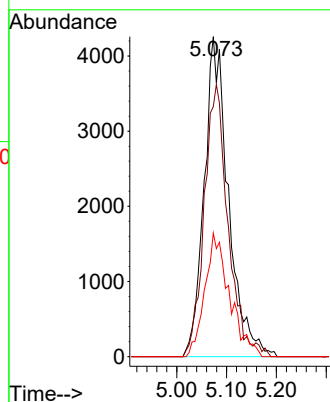
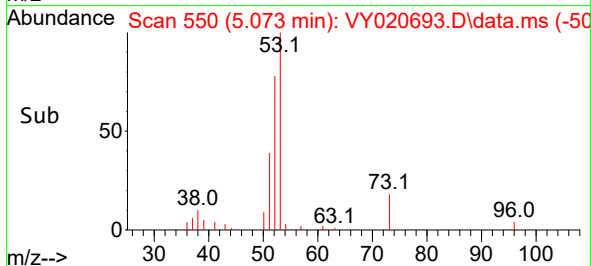


#15
Acrylonitrile
Concen: 102.084 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

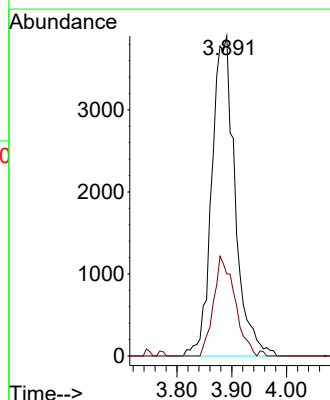
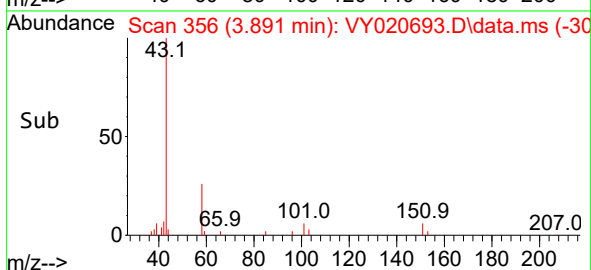
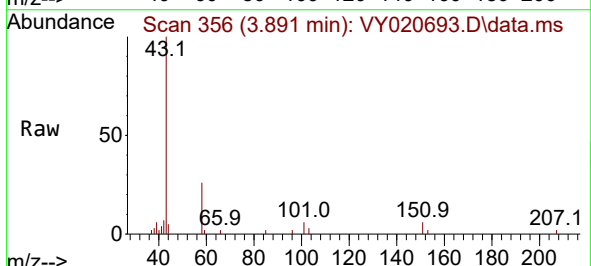


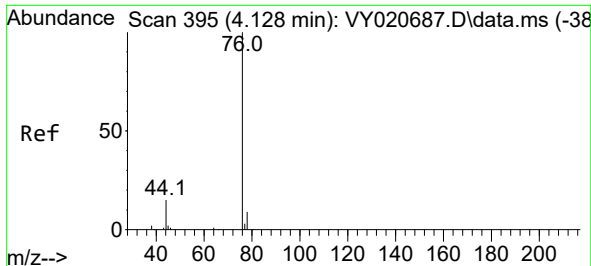
Tgt Ion: 53 Resp: 14391
Ion Ratio Lower Upper
53 100
52 83.3 64.5 96.7
51 39.4 29.4 44.0



#16
Acetone
Concen: 97.335 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 43 Resp: 11433
Ion Ratio Lower Upper
43 100
58 25.6 25.0 37.6





#17

Carbon Disulfide

Concen: 20.272 ug/l

RT: 4.122 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

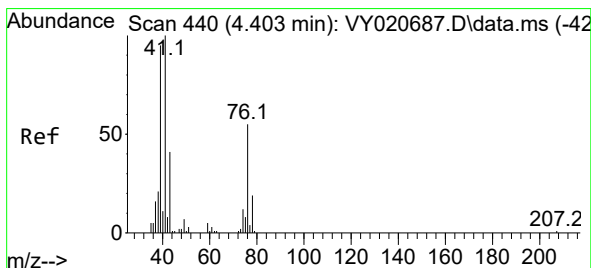
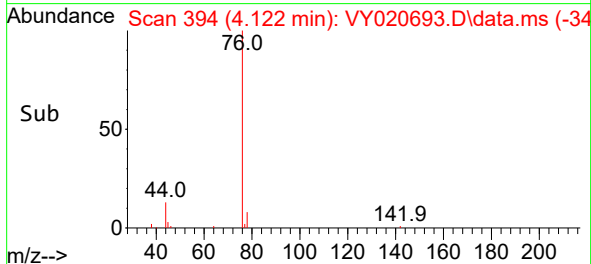
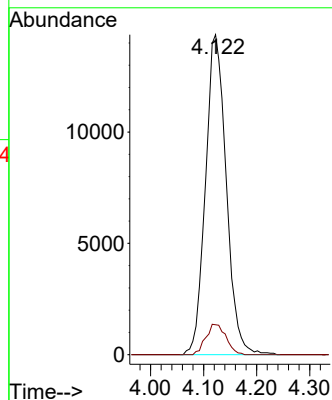
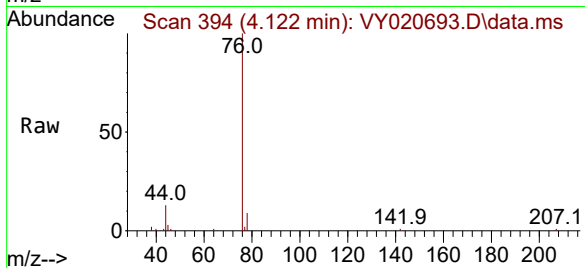
ClientSampleId :

Tgt Ion: 76 Resp: 39139

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 25.944 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.006 min

Lab File: VY020693.D

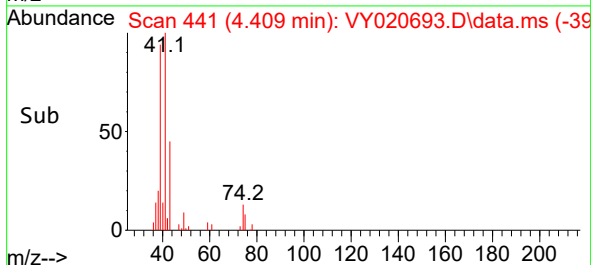
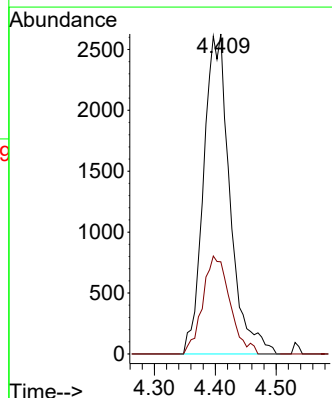
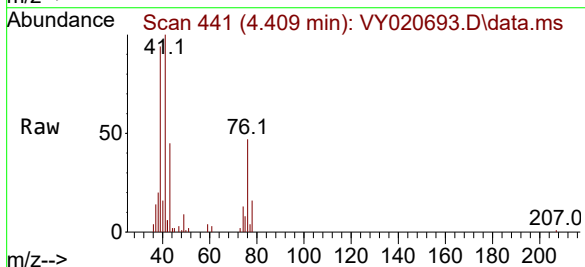
Acq: 23 Dec 2024 15:51

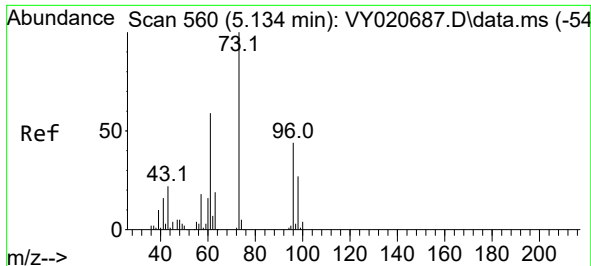
Tgt Ion: 43 Resp: 7884

Ion Ratio Lower Upper

43 100

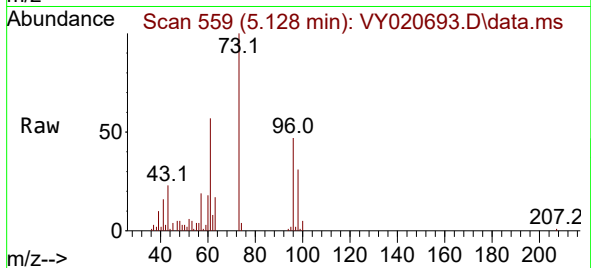
74 31.6 19.2 28.8#



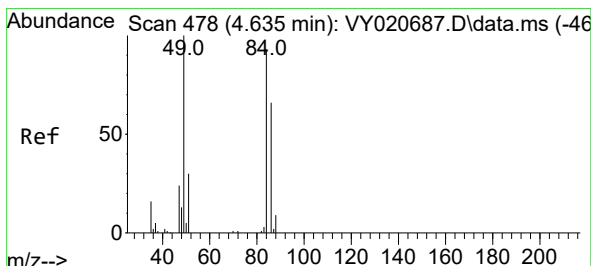
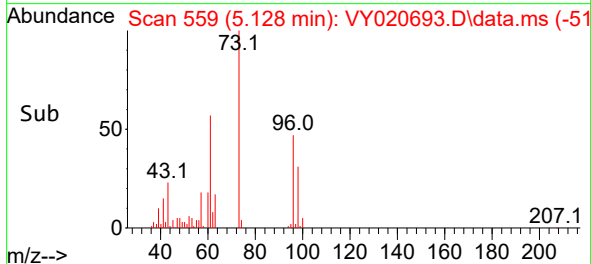
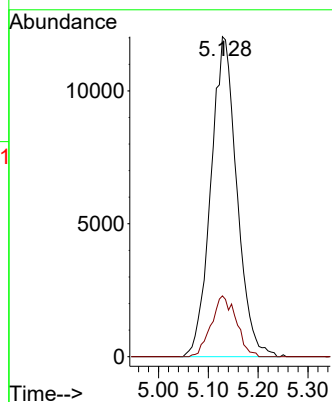


#19
Methyl tert-butyl Ether
Concen: 20.690 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

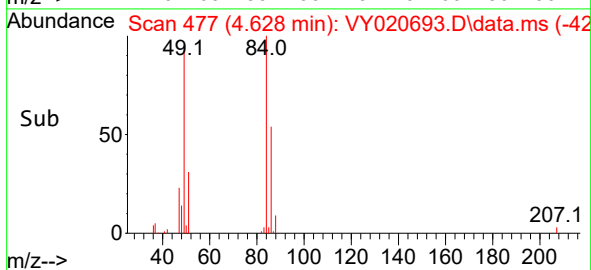
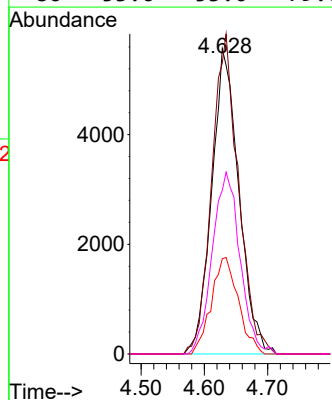
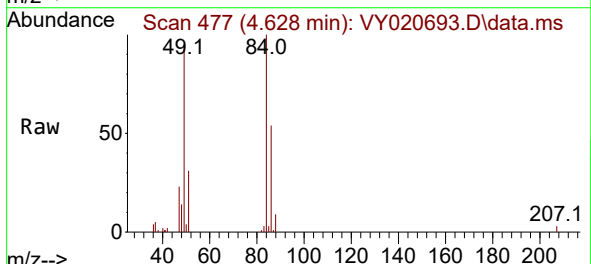


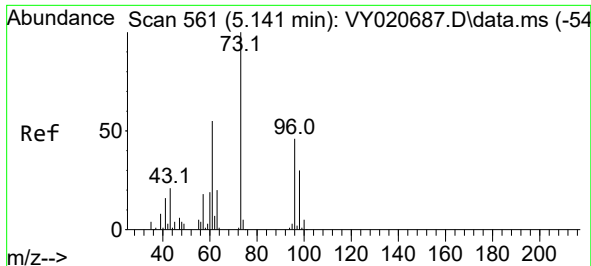
Tgt Ion: 73 Resp: 43581
Ion Ratio Lower Upper
73 100
57 19.0 18.5 27.7



#20
Methylene Chloride
Concen: 21.167 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

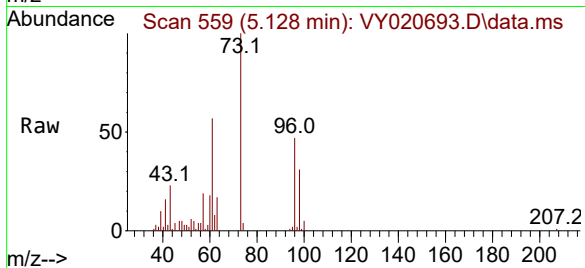
Tgt Ion: 84 Resp: 16568
Ion Ratio Lower Upper
84 100
49 95.3 100.7 151.1#
51 31.2 32.2 48.2#
86 53.6 53.0 79.6



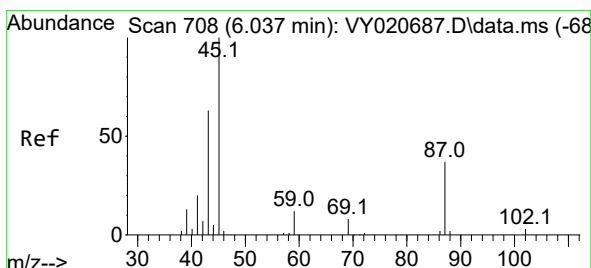
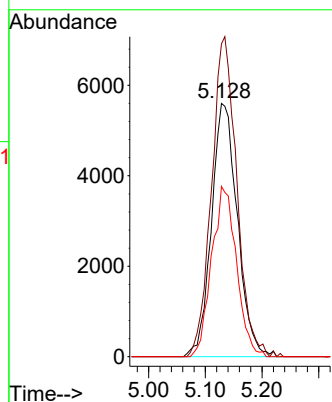
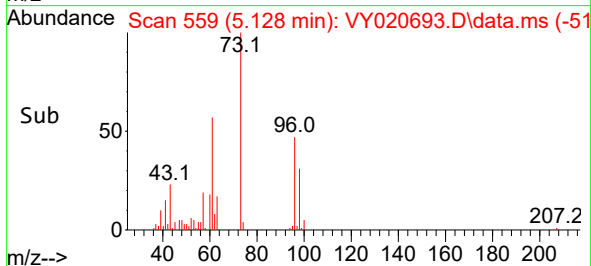


#21
trans-1,2-Dichloroethene
Concen: 21.306 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

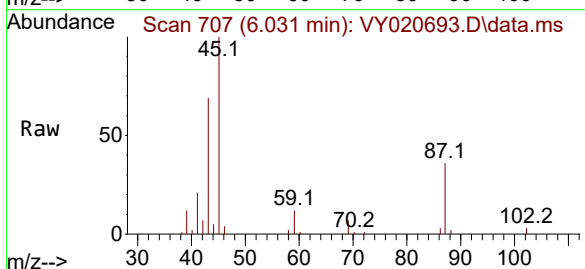
Instrument :
MSVOA_Y
ClientSampleId :



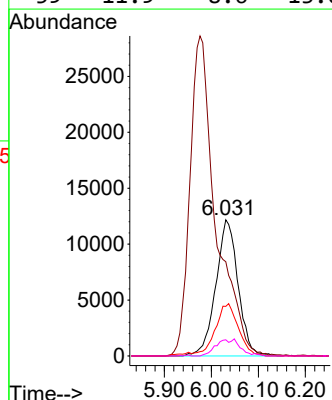
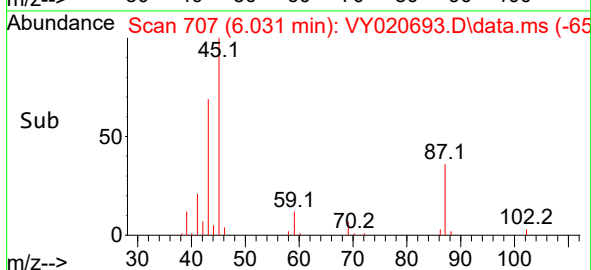
Tgt Ion: 96 Resp: 17790
Ion Ratio Lower Upper
96 100
61 123.5 113.7 170.5
98 67.2 51.7 77.5

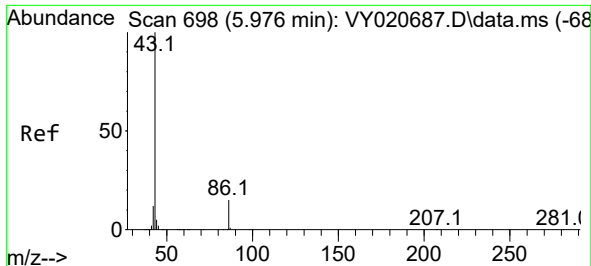


#22
Diisopropyl ether
Concen: 21.549 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51



Tgt Ion: 45 Resp: 40004
Ion Ratio Lower Upper
45 100
43 68.3 42.6 64.0#
87 36.4 20.6 31.0#
59 11.9 8.6 13.0

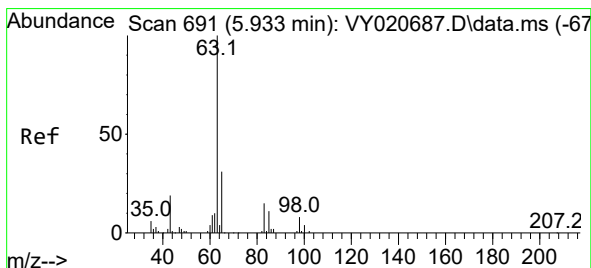
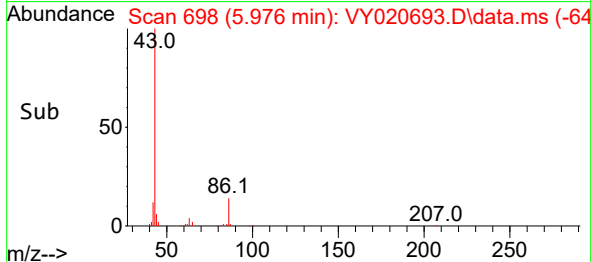
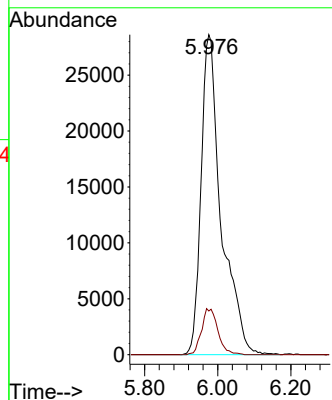
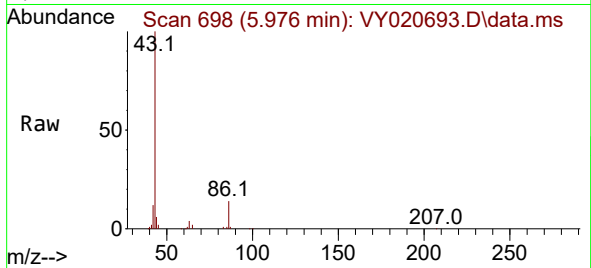




#23
 Vinyl Acetate
 Concen: 99.683 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

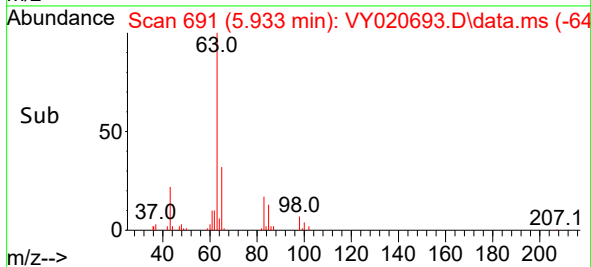
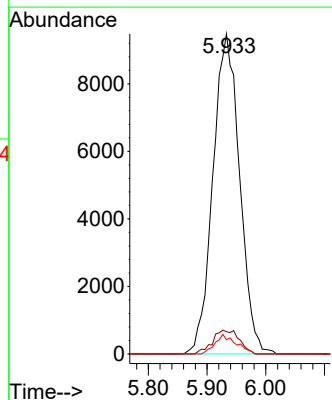
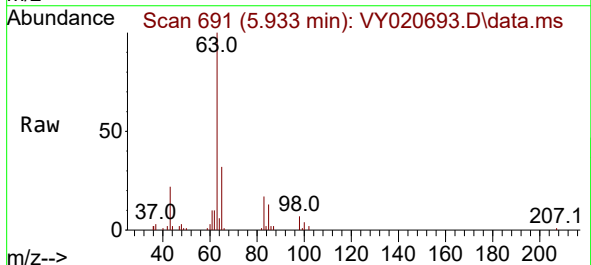
Instrument :
 MSVOA_Y
 ClientSampleId :

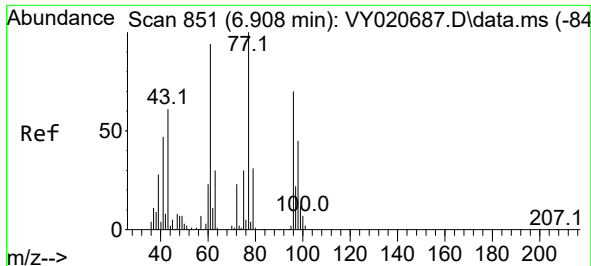
Tgt Ion: 43 Resp: 109581
 Ion Ratio Lower Upper
 43 100
 86 13.6 8.1 12.1#



#24
 1,1-Dichloroethane
 Concen: 21.598 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

Tgt Ion: 63 Resp: 29890
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.1 6.5

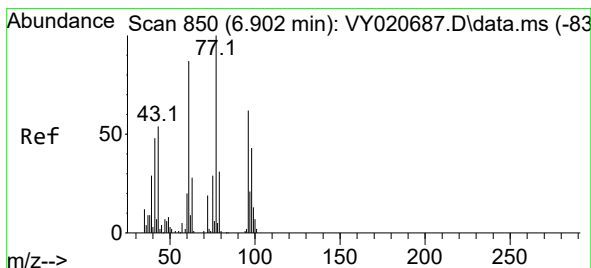
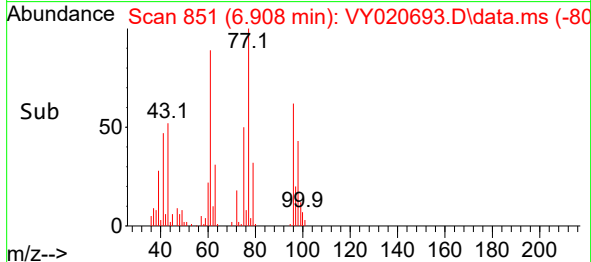
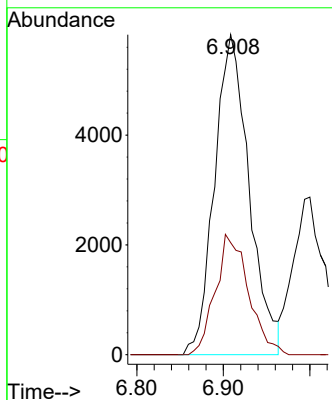
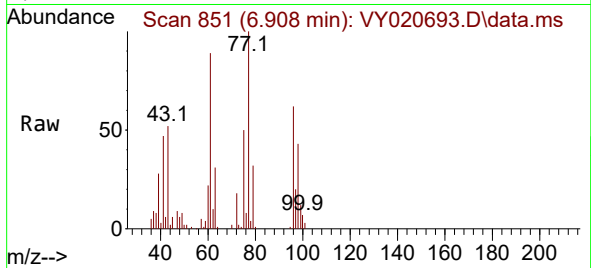




#25
2-Butanone
Concen: 98.205 ug/l
RT: 6.908 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

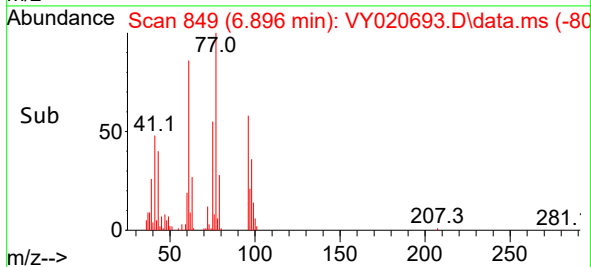
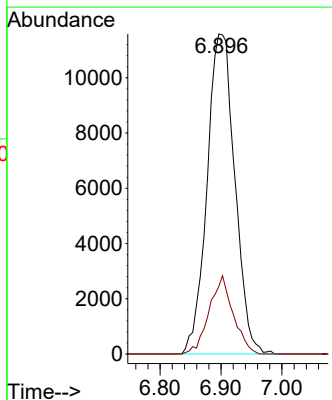
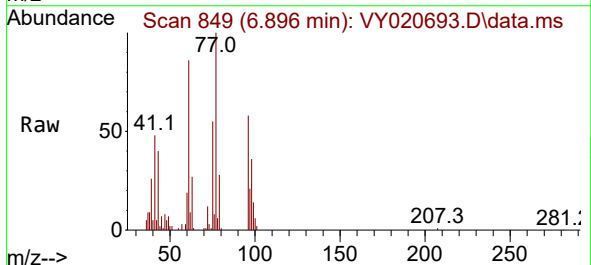
Instrument :
MSVOA_Y
ClientSampleId :

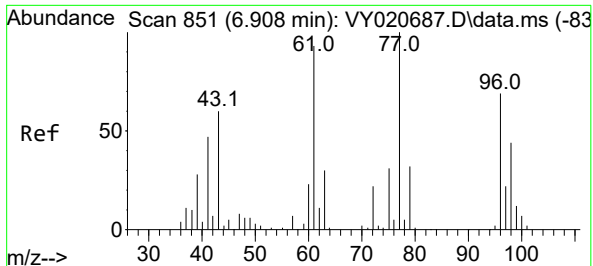
Tgt Ion: 43 Resp: 16204
Ion Ratio Lower Upper
43 100
72 35.0 20.6 31.0#



#26
2,2-Dichloropropane
Concen: 21.226 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 77 Resp: 36752
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.6

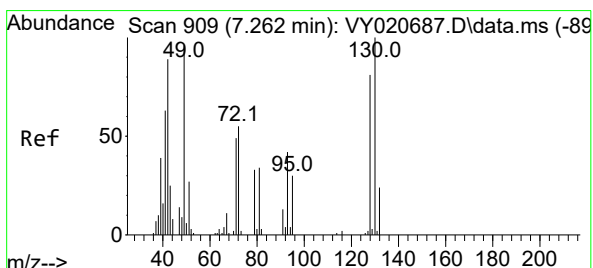
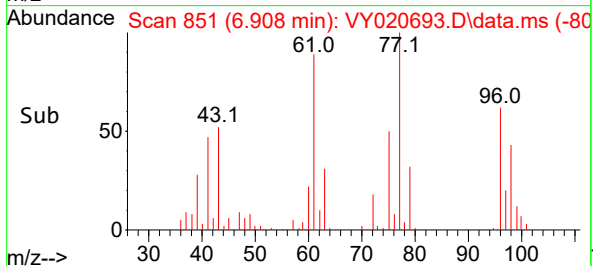
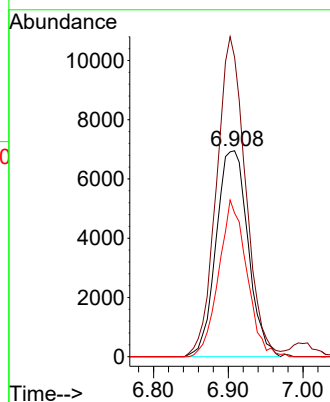
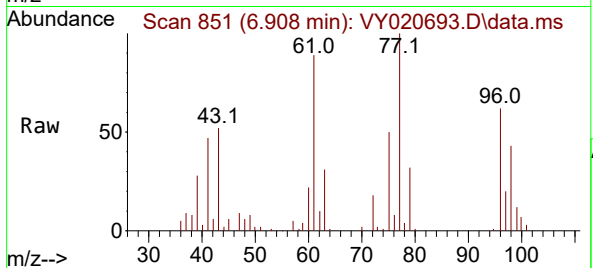




#27
 cis-1,2-Dichloroethene
 Concen: 20.749 ug/l
 RT: 6.908 min Scan# 851
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

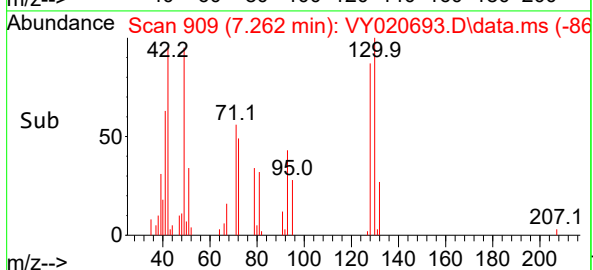
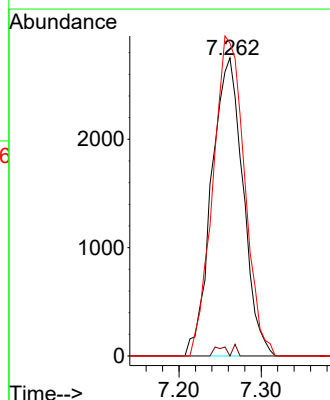
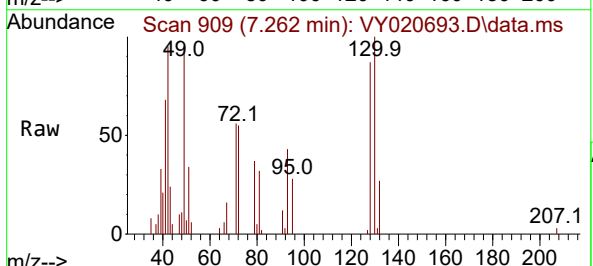
Instrument :
 MSVOA_Y
 ClientSampleId :

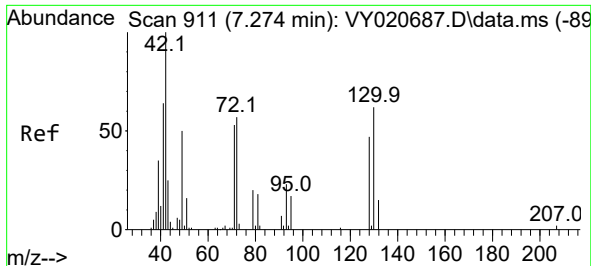
Tgt Ion: 96 Resp: 20635
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 306.2
 98 66.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 19.983 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

Tgt Ion: 49 Resp: 7297
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 107.8 58.3 87.5#





#29

Tetrahydrofuran

Concen: 97.328 ug/l

RT: 7.274 min Scan# 911

Delta R.T. -0.000 min

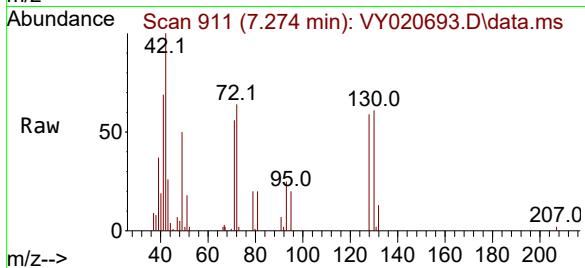
Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

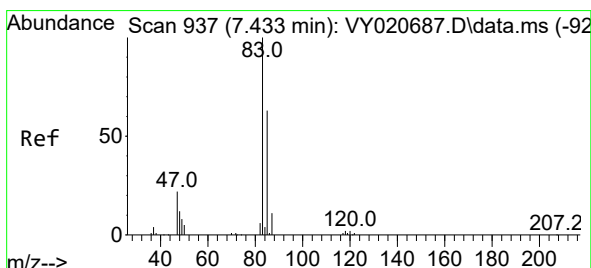
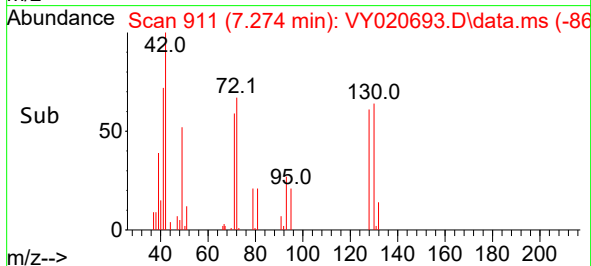
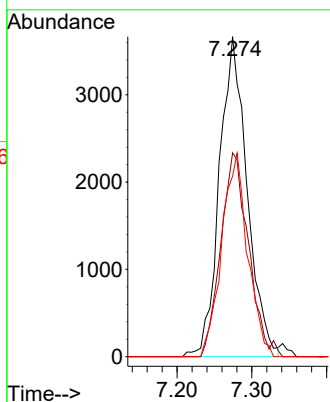
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	9439
Ion Ratio	Lower	Upper	
42	100		
72	63.8	34.0	51.0#
71	59.6	31.6	47.4#



#30

Chloroform

Concen: 20.636 ug/l

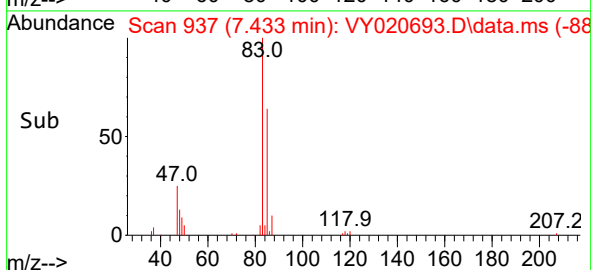
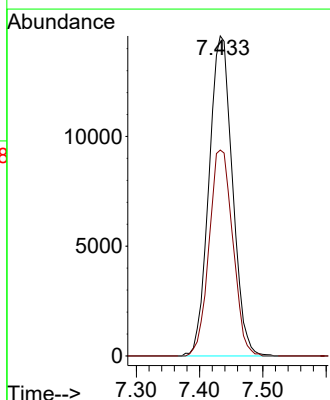
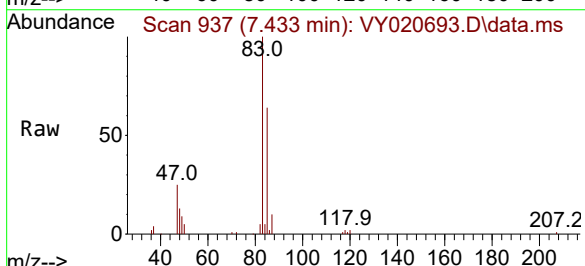
RT: 7.433 min Scan# 937

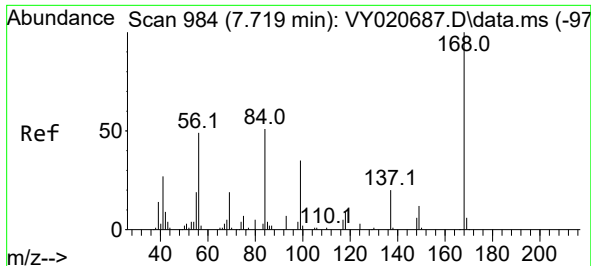
Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Tgt Ion:	83	Resp:	37539
Ion Ratio	Lower	Upper	
83	100		
85	64.4	52.7	79.1

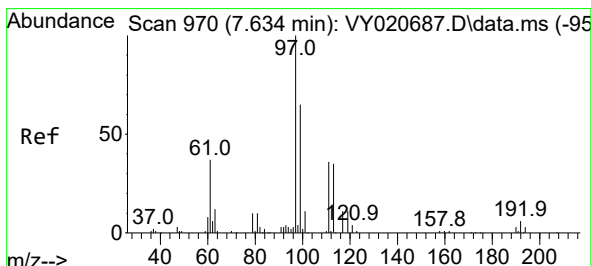
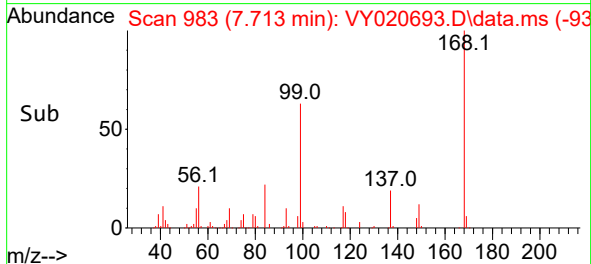
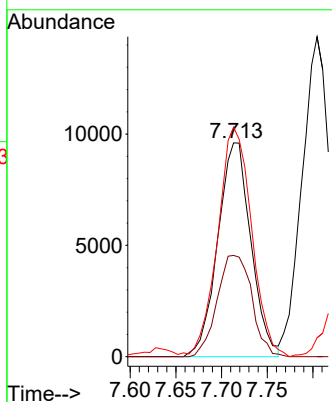
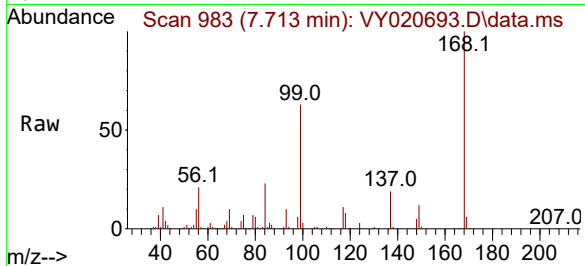




#31
Cyclohexane
Concen: 19.943 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

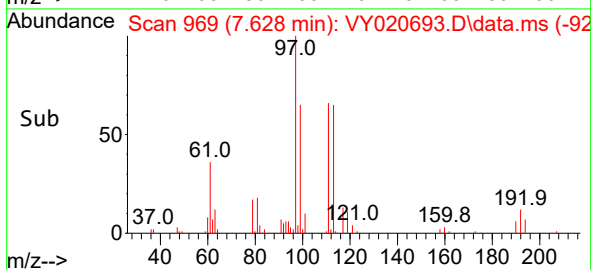
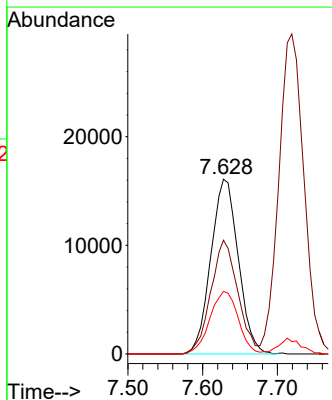
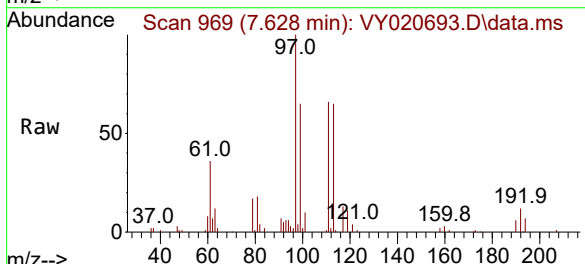
Instrument :
MSVOA_Y
ClientSampleId :

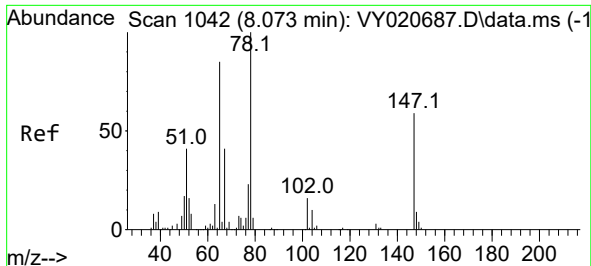
Tgt Ion: 56 Resp: 24199
Ion Ratio Lower Upper
56 100
69 47.4 25.4 38.0#
84 106.4 68.3 102.5#



#32
1,1,1-Trichloroethane
Concen: 21.606 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 97 Resp: 41061
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 36.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.014 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

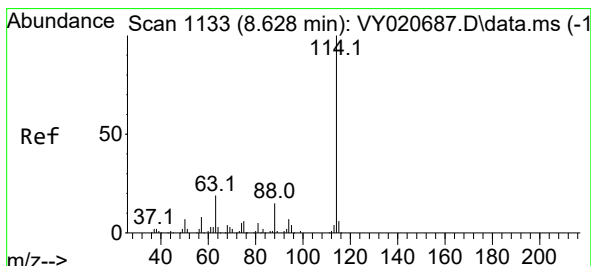
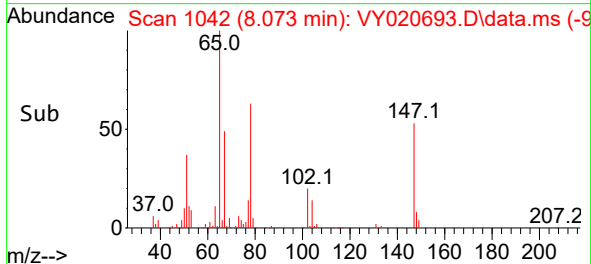
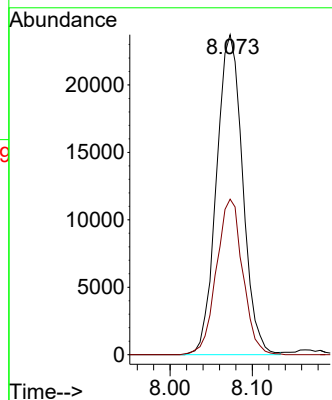
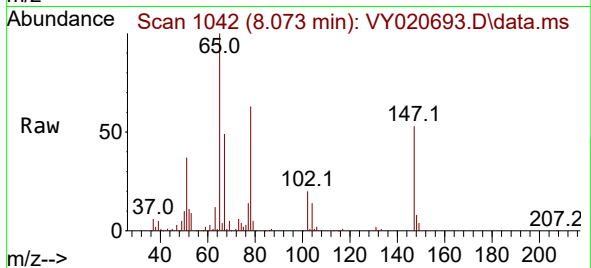
ClientSampleId :

Tgt Ion: 65 Resp: 52460

Ion Ratio Lower Upper

65 100

67 48.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

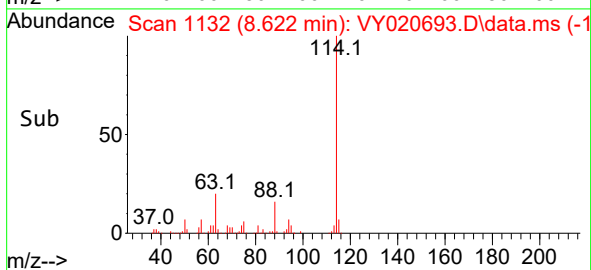
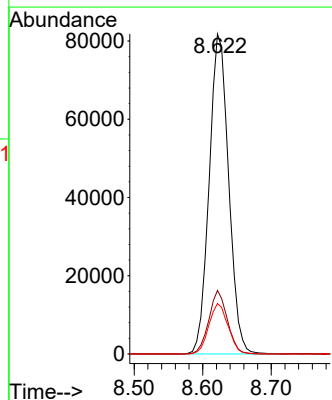
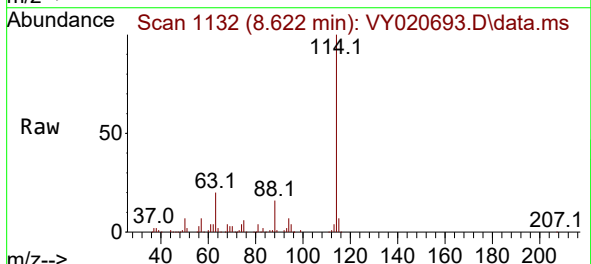
Tgt Ion: 114 Resp: 161575

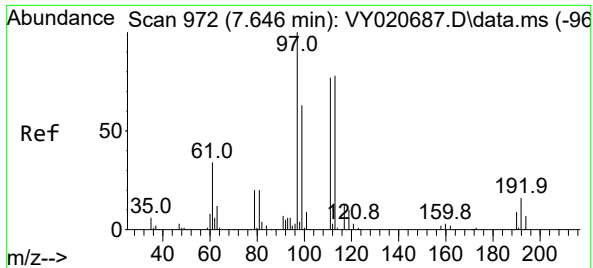
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.0

88 15.8 0.0 32.8

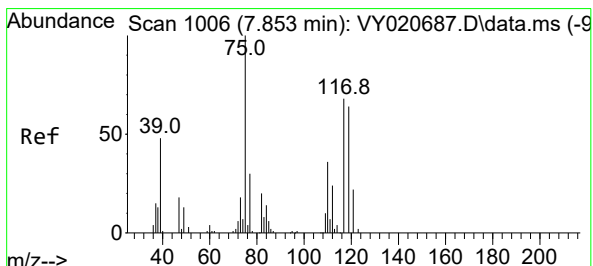
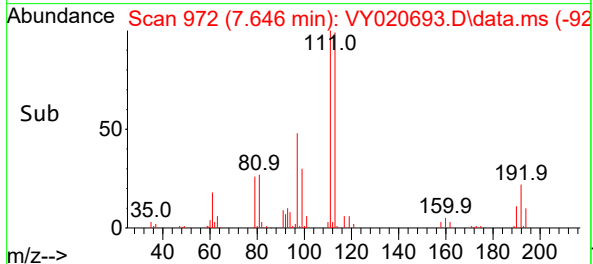
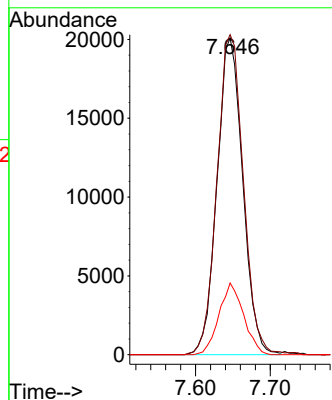
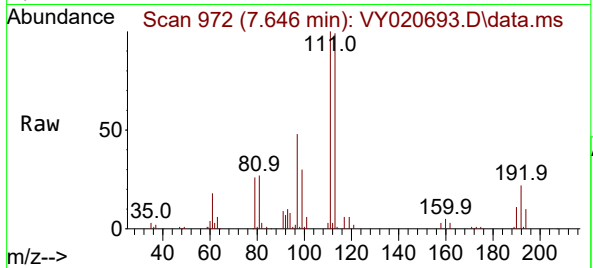




#35
Dibromofluoromethane
Concen: 50.516 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

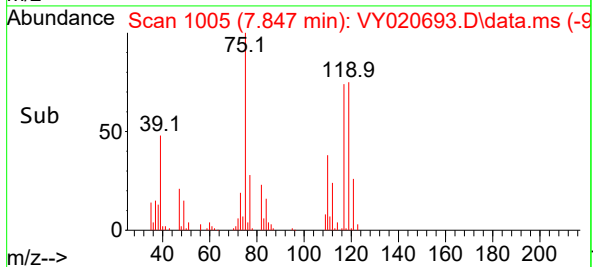
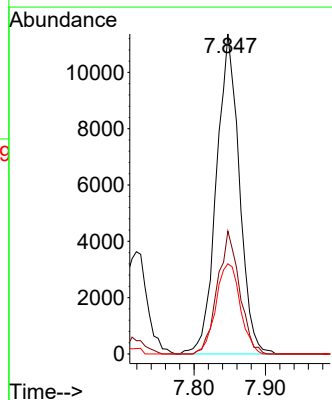
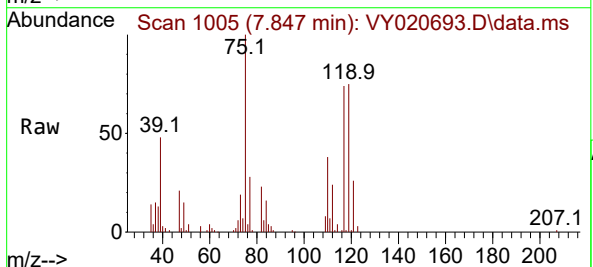
Instrument :
MSVOA_Y
ClientSampleId :

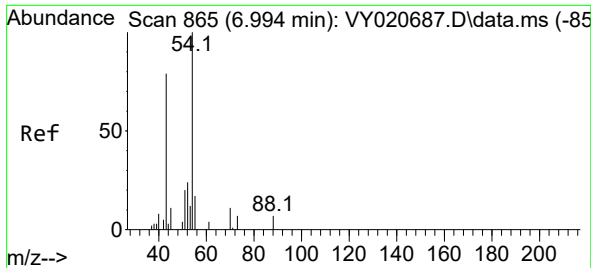
Tgt Ion:113 Resp: 47926
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 21.8 15.7 23.5



#36
1,1-Dichloropropene
Concen: 21.891 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 75 Resp: 25245
Ion Ratio Lower Upper
75 100
110 37.1 16.8 50.4
77 30.0 25.0 37.6





#37

Ethyl Acetate

Concen: 19.067 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

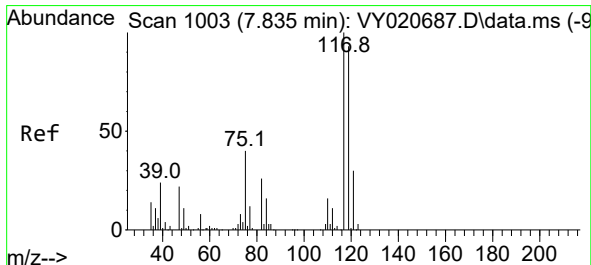
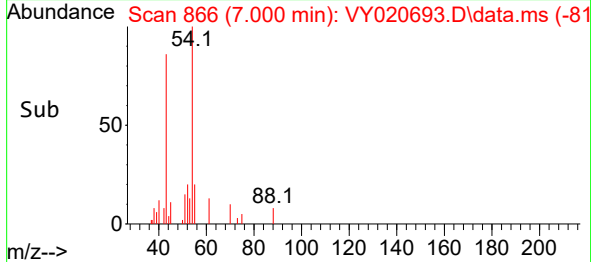
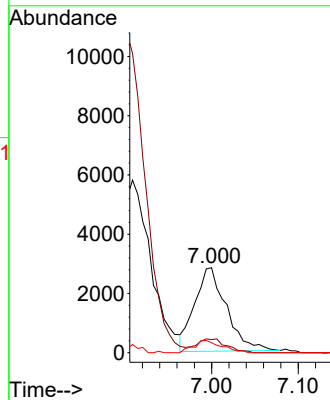
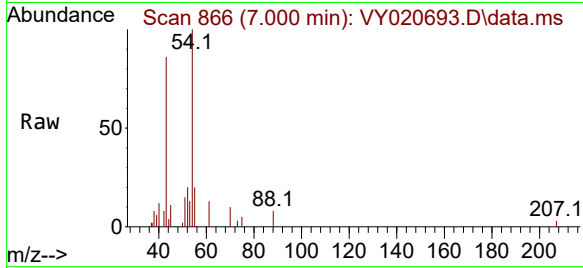
Tgt Ion: 43 Resp: 7186

Ion Ratio Lower Upper

43 100

61 15.7 11.0 16.4

70 12.9 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 21.479 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

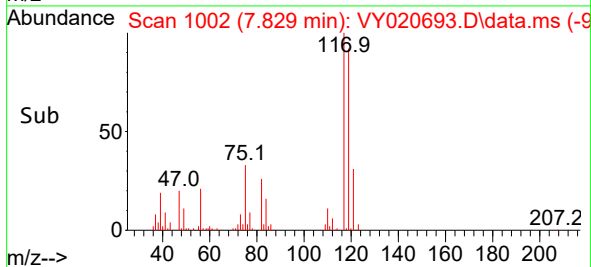
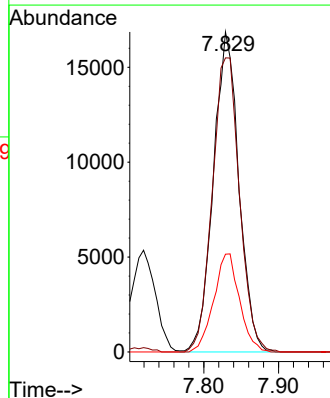
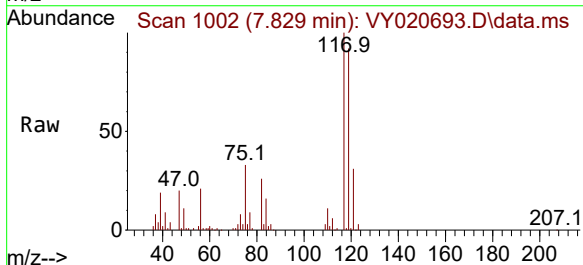
Tgt Ion: 117 Resp: 40083

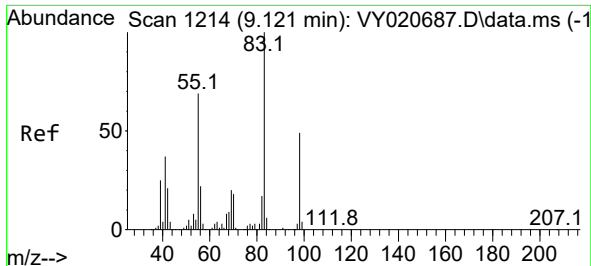
Ion Ratio Lower Upper

117 100

119 91.9 78.3 117.5

121 30.6 25.1 37.7





#39

Methylcyclohexane

Concen: 21.159 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.006 min

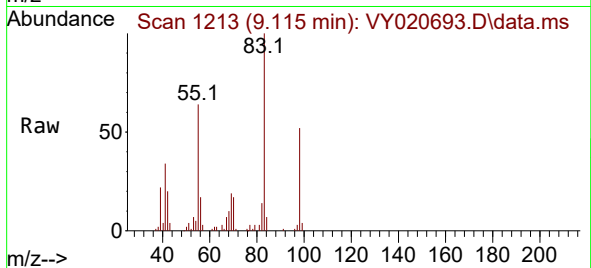
Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :



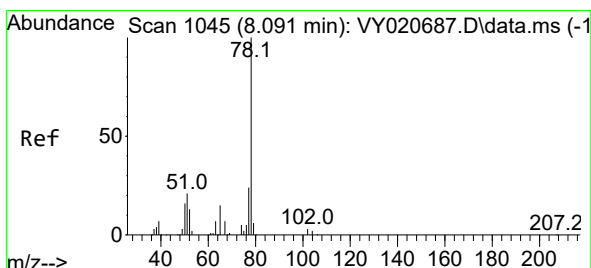
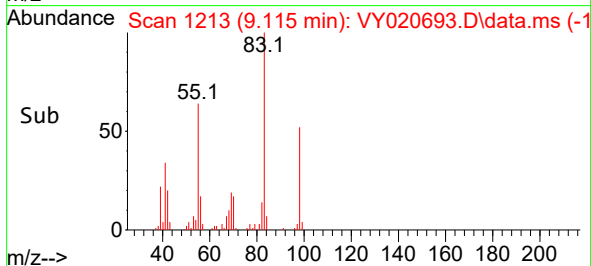
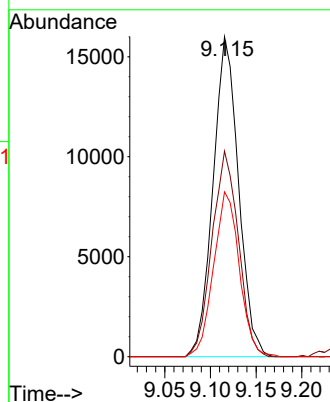
Tgt Ion: 83 Resp: 31014

Ion Ratio Lower Upper

83 100

55 64.3 61.4 92.0

98 51.5 37.3 55.9



#40

Benzene

Concen: 21.770 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VY020693.D

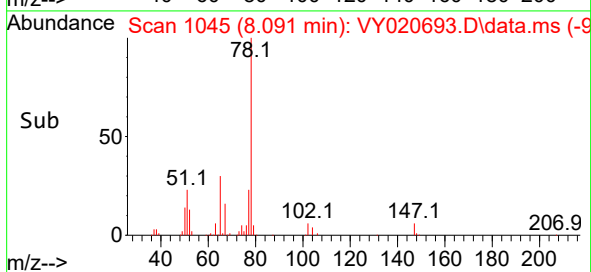
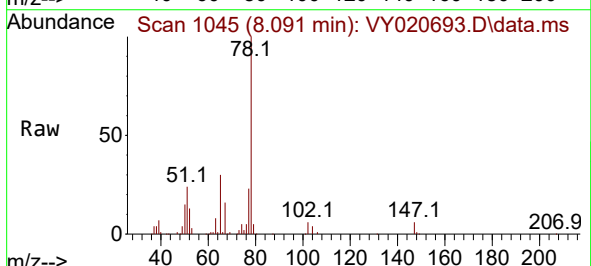
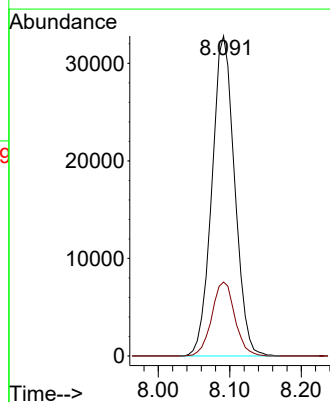
Acq: 23 Dec 2024 15:51

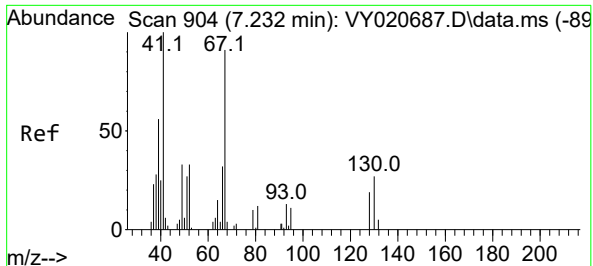
Tgt Ion: 78 Resp: 72425

Ion Ratio Lower Upper

78 100

77 23.1 20.1 30.1

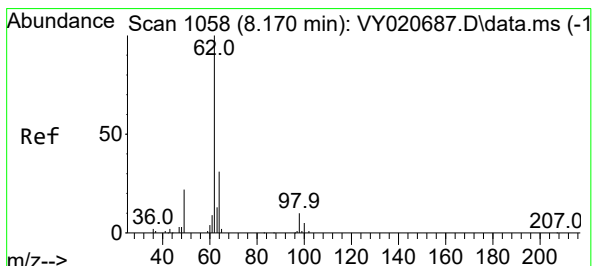
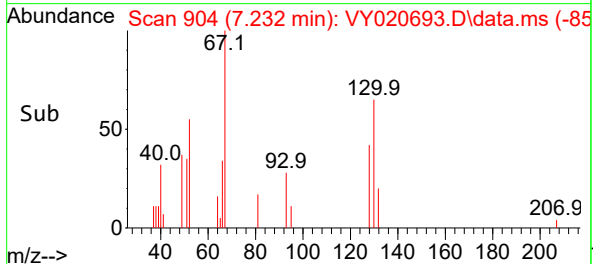
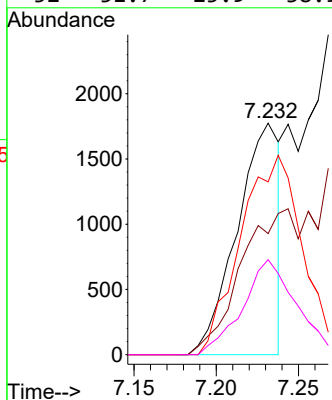
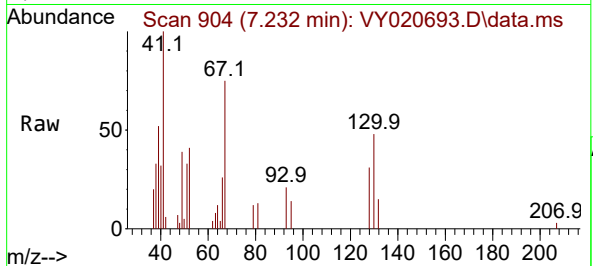




#41
Methacrylonitrile
Concen: 15.043 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

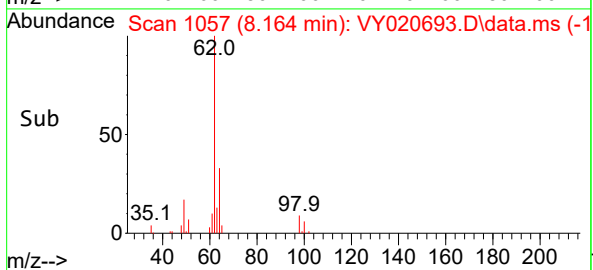
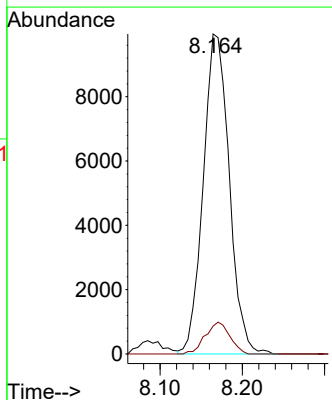
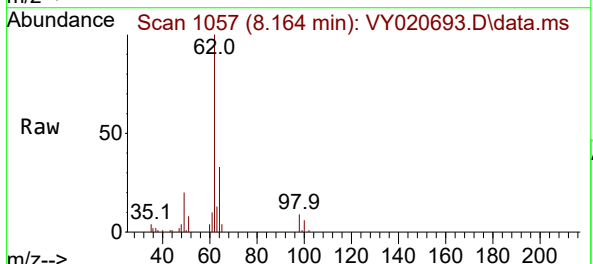
Instrument :
MSVOA_Y
ClientSampleId :

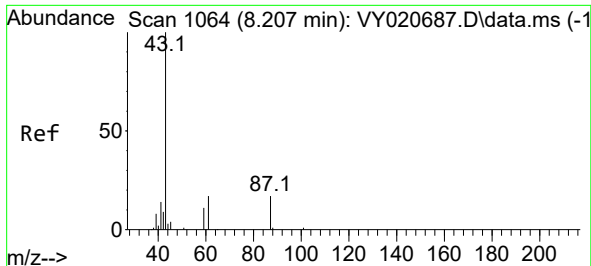
Tgt Ion:	41	Resp:	3212
Ion	Ratio	Lower	Upper
41	100		
39	82.8	53.6	80.4#
67	126.9	62.0	93.0#
52	51.7	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 20.681 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion:	62	Resp:	21881
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

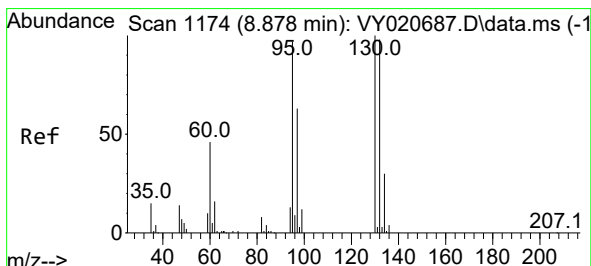
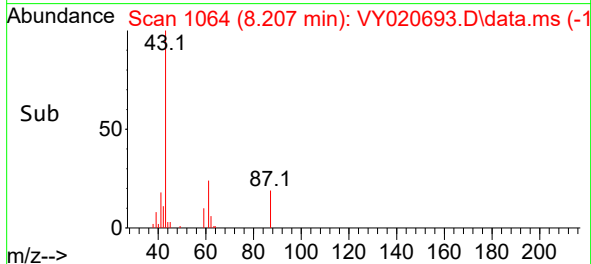
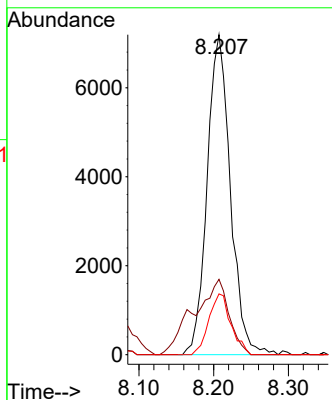
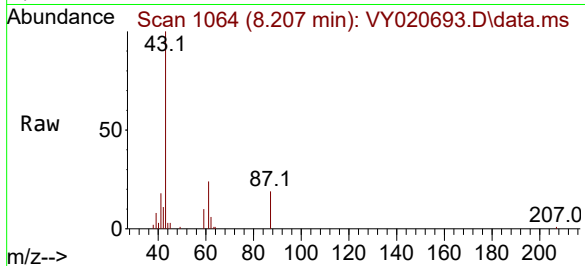




#43
Isopropyl Acetate
Concen: 19.841 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

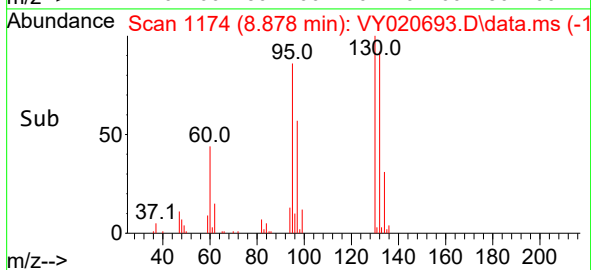
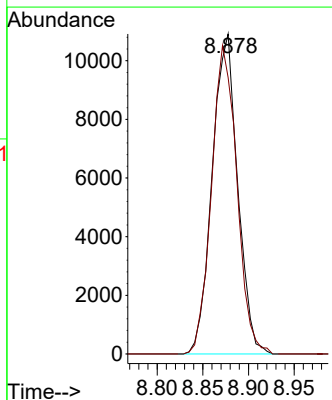
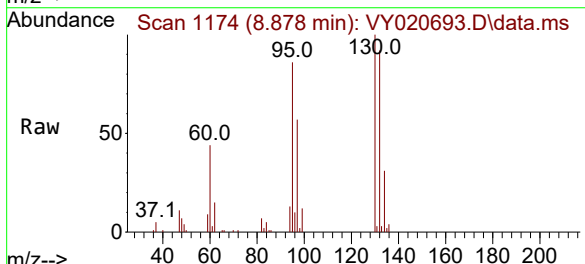
Instrument :
MSVOA_Y
ClientSampleId :

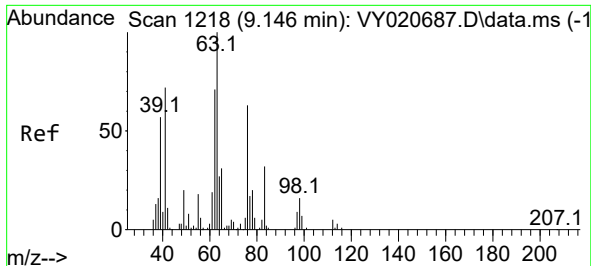
Tgt Ion	Ratio	Lower	Upper
43	100		
61	35.6	23.8	35.6
87	18.1	10.2	15.4



#44
Trichloroethene
Concen: 21.389 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	203.2





#45

1,2-Dichloropropane

Concen: 21.538 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

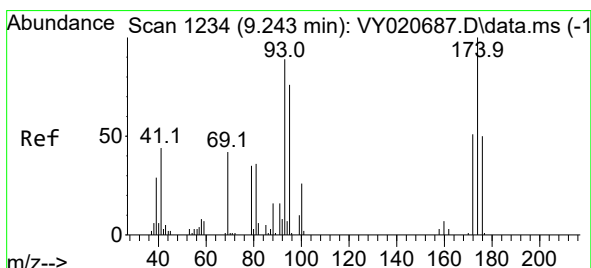
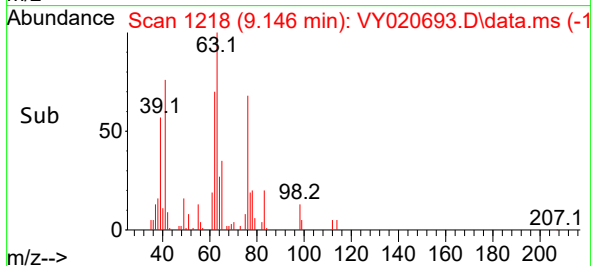
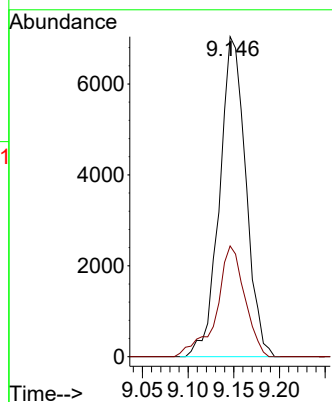
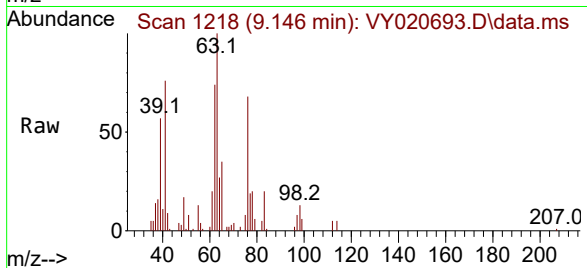
ClientSampleId :

Tgt Ion: 63 Resp: 14078

Ion Ratio Lower Upper

63 100

65 34.6 25.9 38.9



#46

Dibromomethane

Concen: 21.314 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

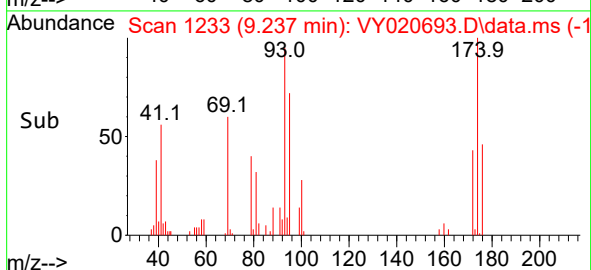
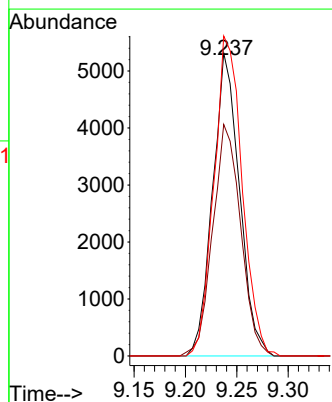
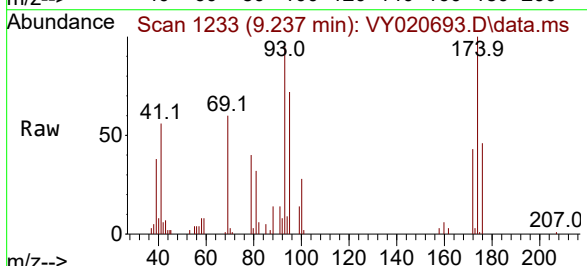
Tgt Ion: 93 Resp: 9618

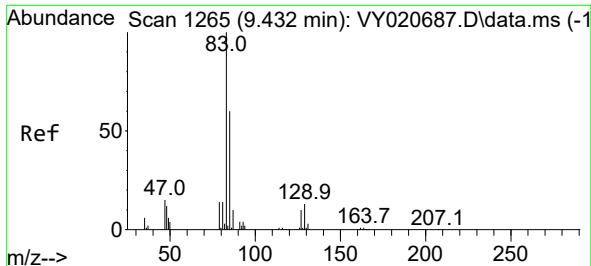
Ion Ratio Lower Upper

93 100

95 79.7 66.7 100.1

174 111.4 77.8 116.6

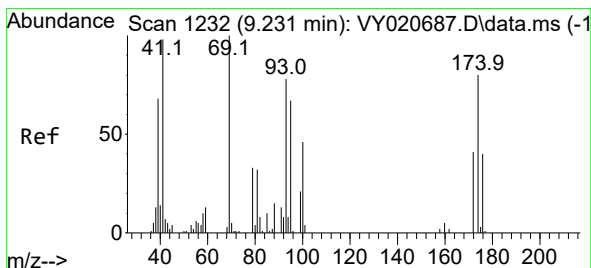
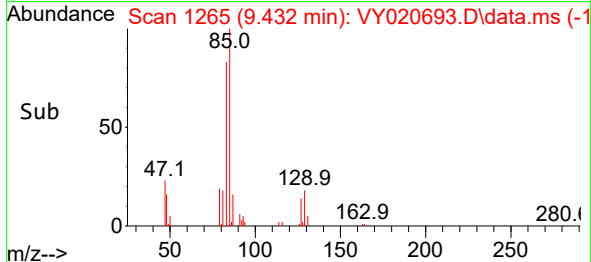
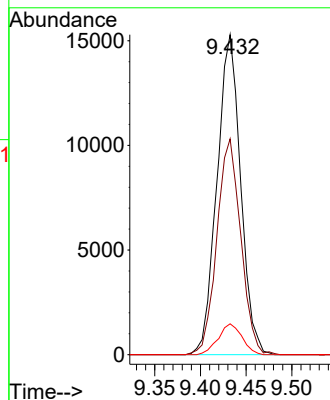
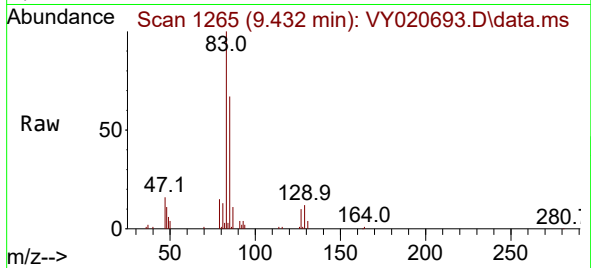




#47
Bromodichloromethane
Concen: 21.486 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

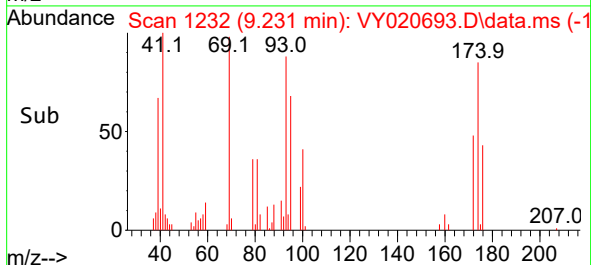
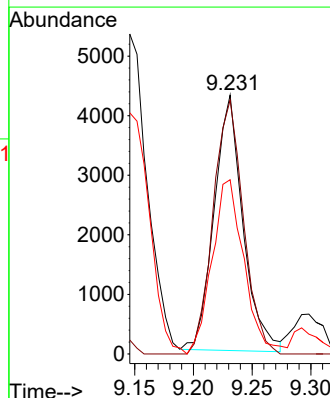
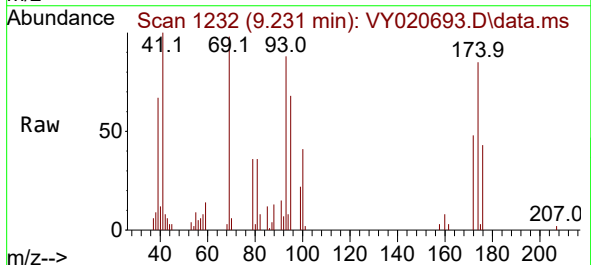
Instrument :
MSVOA_Y
ClientSampleId :

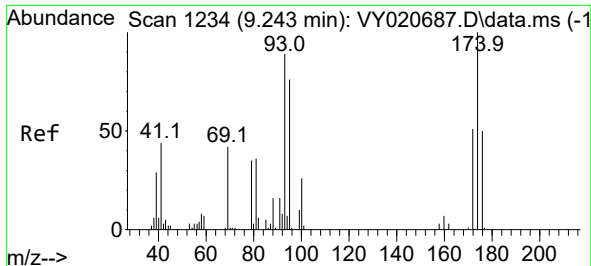
Tgt Ion: 83 Resp: 27504
Ion Ratio Lower Upper
83 100
85 67.5 52.1 78.1
127 9.7 6.7 10.1



#48
Methyl methacrylate
Concen: 19.772 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

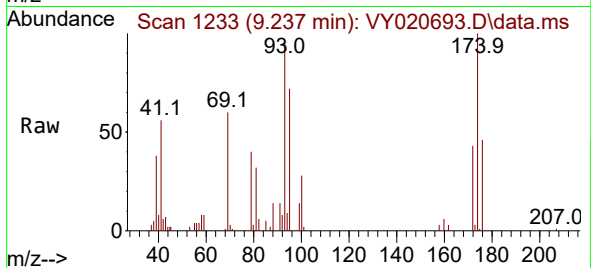
Tgt Ion: 41 Resp: 7342
Ion Ratio Lower Upper
41 100
69 103.9 67.2 100.8#
39 75.0 42.2 63.4#



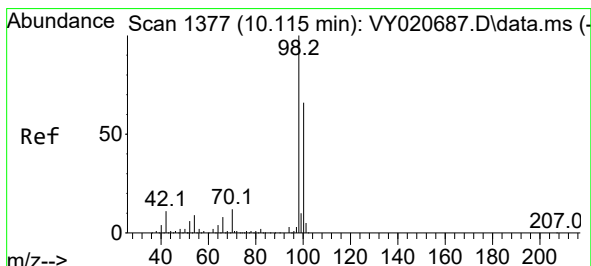
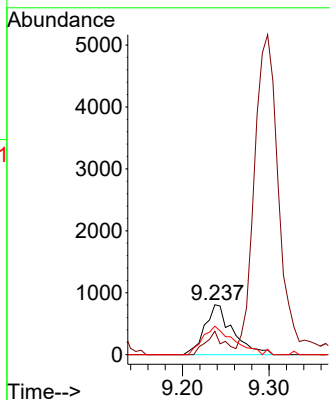
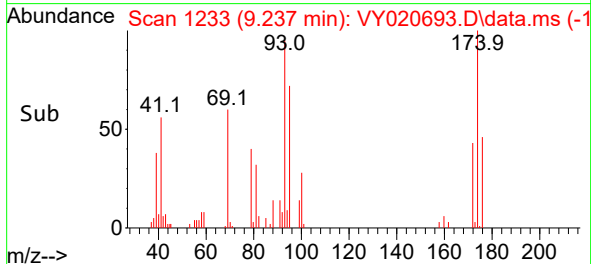


#49
1,4-Dioxane
Concen: 427.889 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

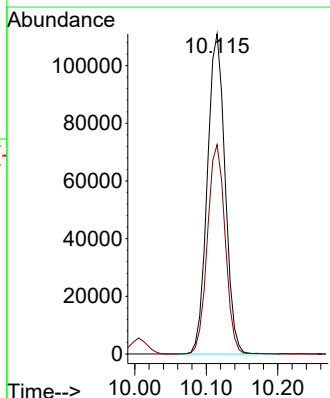
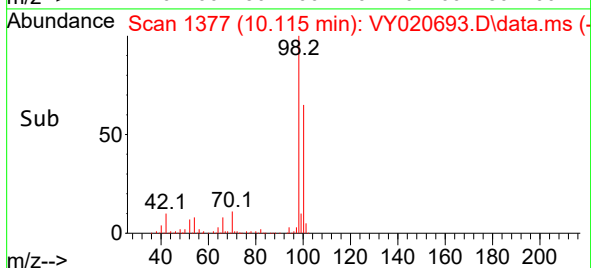
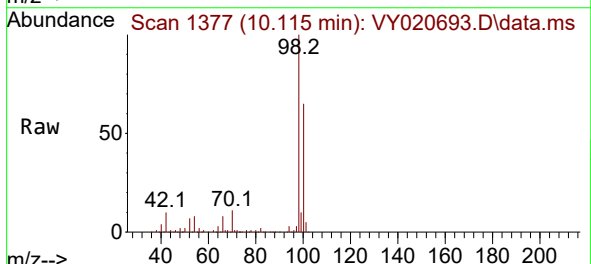


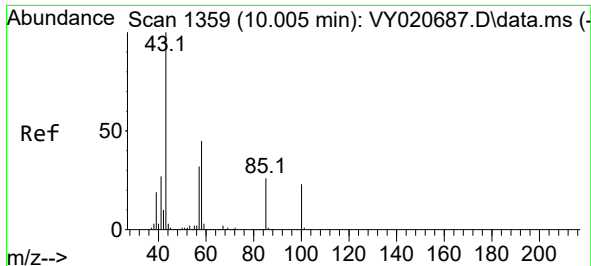
Tgt Ion: 88 Resp: 1811
Ion Ratio Lower Upper
88 100
43 31.5 27.6 41.4
58 63.5 61.7 92.5



#50
Toluene-d8
Concen: 55.376 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 98 Resp: 190819
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

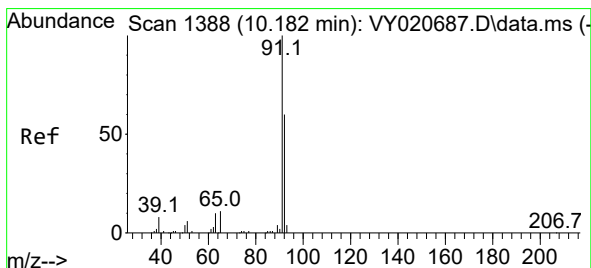
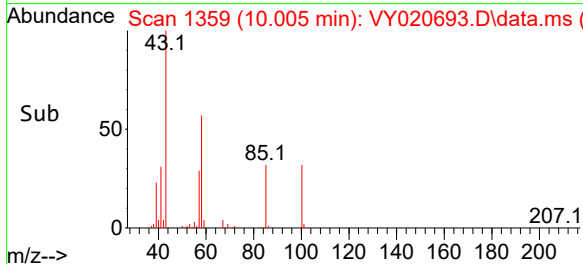
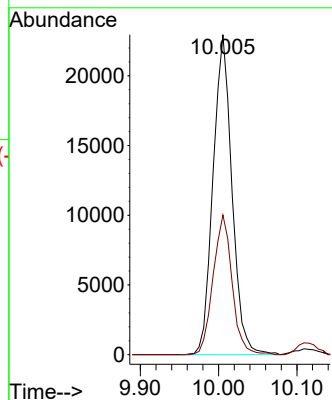
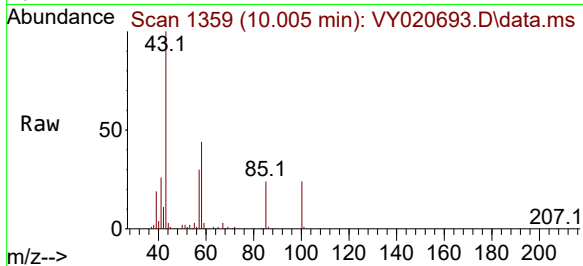




#51
4-Methyl-2-Pentanone
Concen: 98.474 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

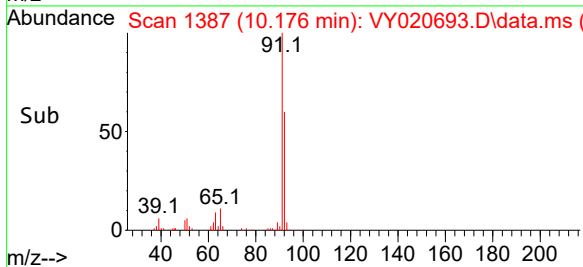
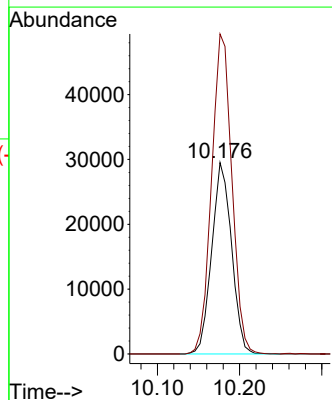
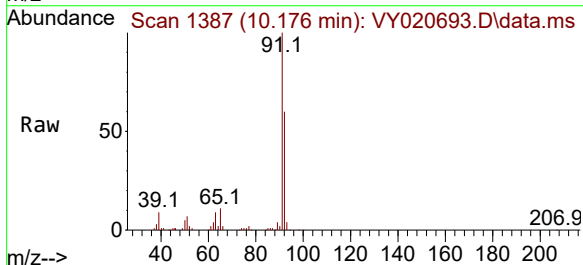
Instrument :
MSVOA_Y
ClientSampleId :

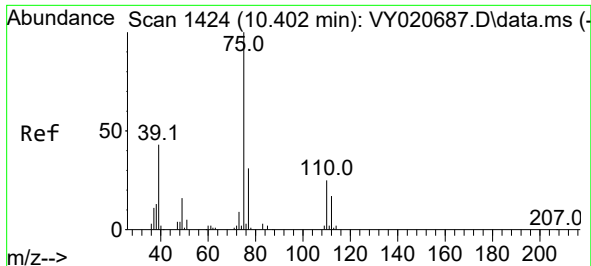
Tgt Ion: 43 Resp: 38532
Ion Ratio Lower Upper
43 100
58 43.8 31.4 47.2



#52
Toluene
Concen: 21.851 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 92 Resp: 49502
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0

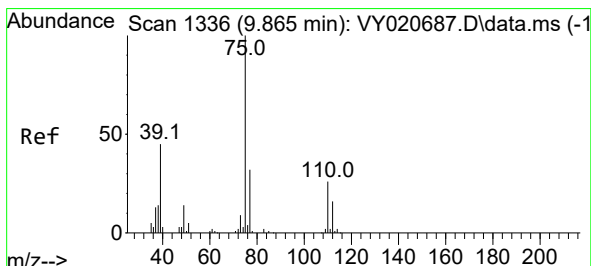
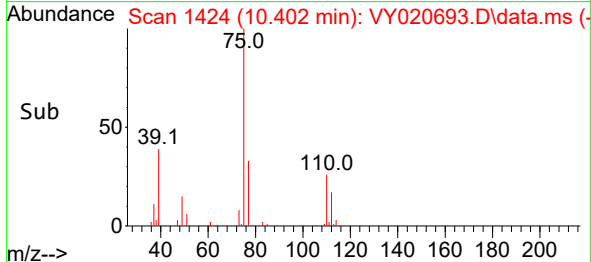
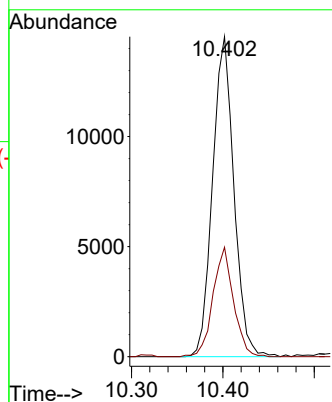
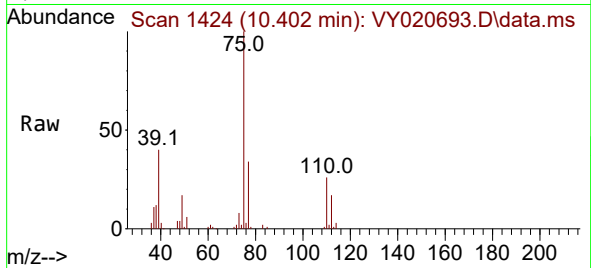




#53
 t-1,3-Dichloropropene
 Concen: 20.797 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

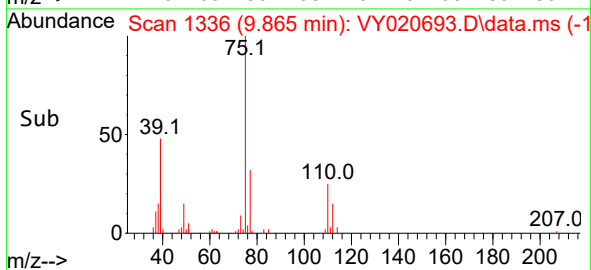
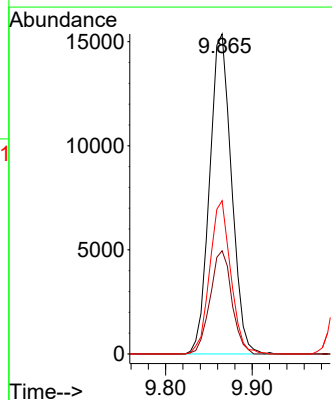
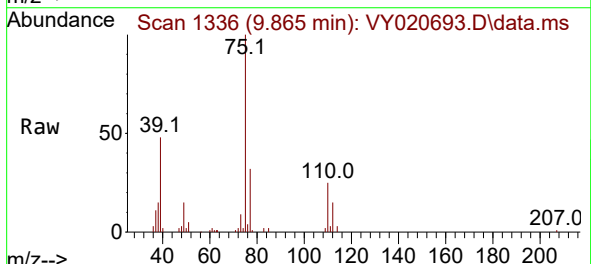
Instrument :
 MSVOA_Y
 ClientSampleId :

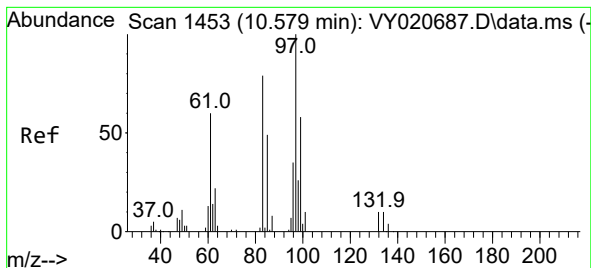
Tgt Ion: 75 Resp: 23556
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.634 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

Tgt Ion: 75 Resp: 27001
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8
 39 47.9 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.921 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 12224

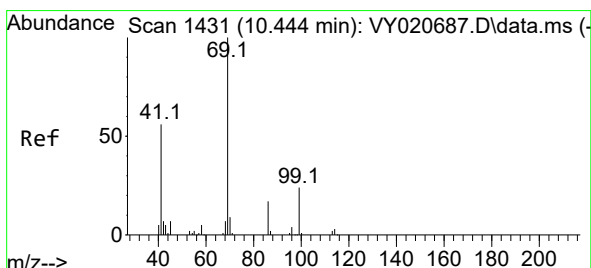
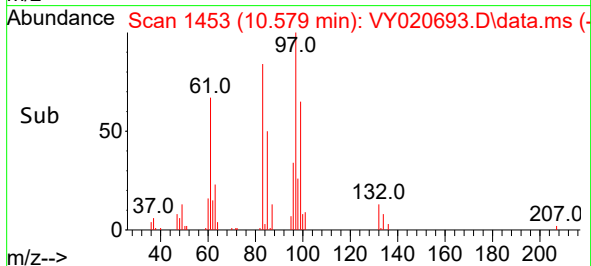
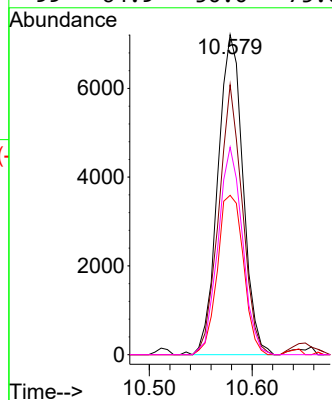
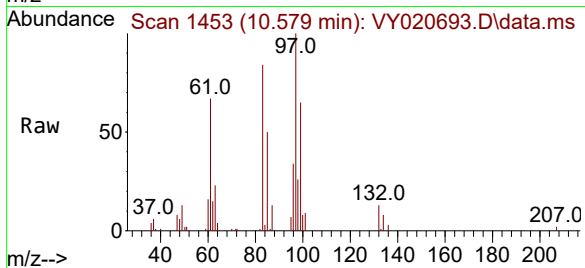
Ion Ratio Lower Upper

97 100

83 84.4 70.4 105.6

85 49.8 47.2 70.8

99 64.9 50.0 75.0



#56

Ethyl methacrylate

Concen: 19.978 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

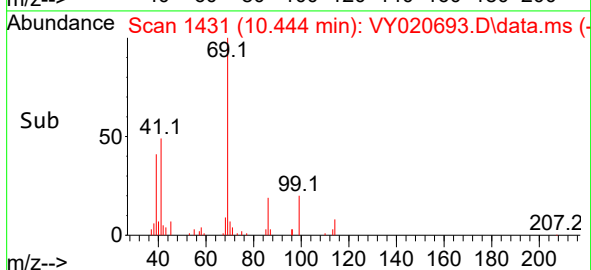
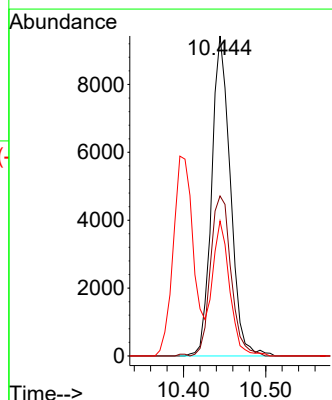
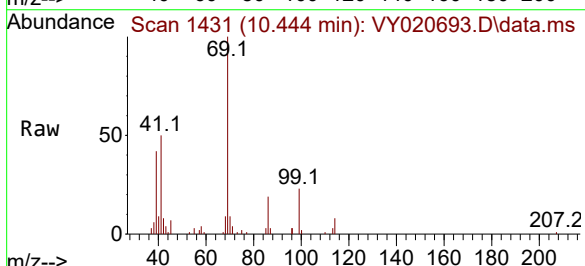
Tgt Ion: 69 Resp: 14890

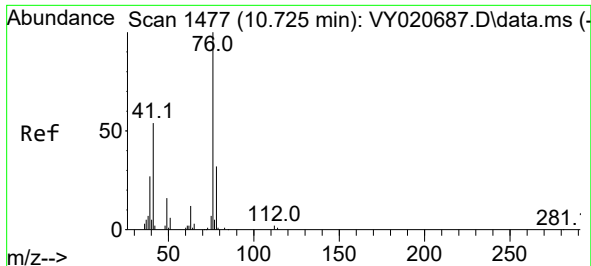
Ion Ratio Lower Upper

69 100

41 55.4 54.0 81.0

39 38.5 27.9 41.9





#57

1,3-Dichloropropane

Concen: 20.998 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

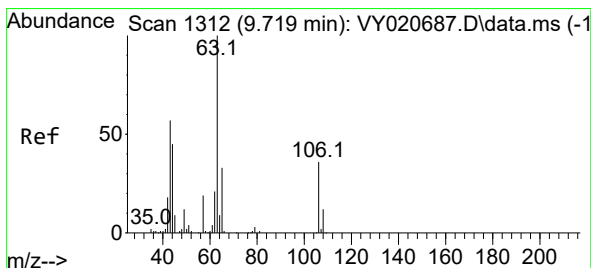
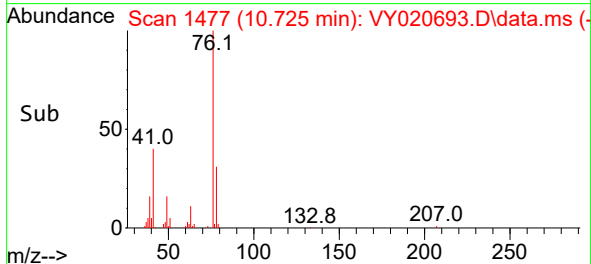
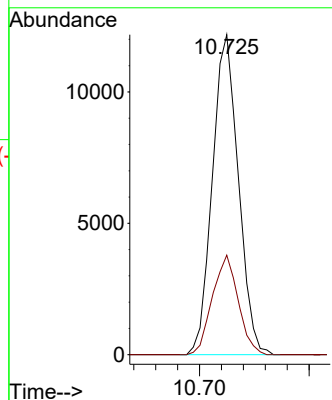
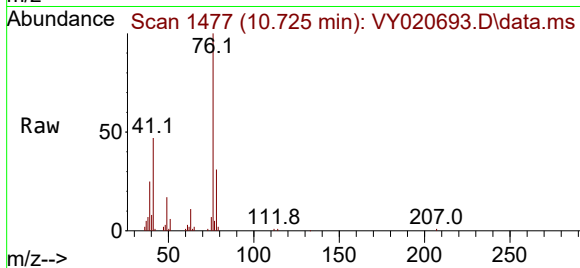
ClientSampleId :

Tgt Ion: 76 Resp: 20055

Ion Ratio Lower Upper

76 100

78 30.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.075 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020693.D

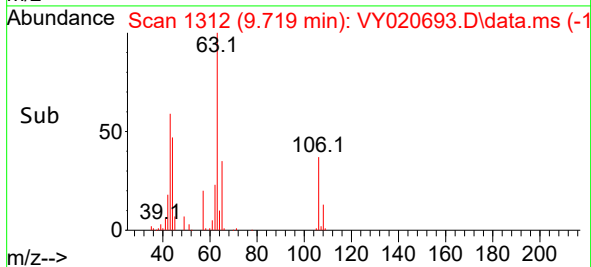
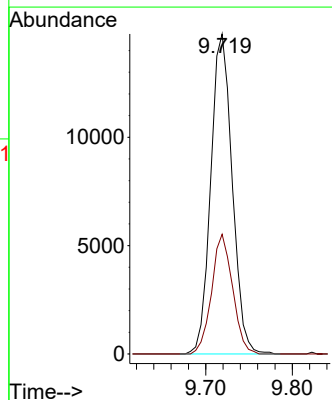
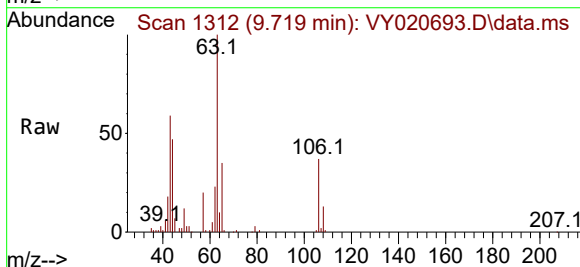
Acq: 23 Dec 2024 15:51

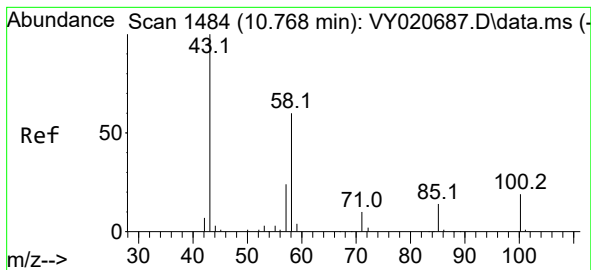
Tgt Ion: 63 Resp: 25366

Ion Ratio Lower Upper

63 100

106 36.6 21.5 32.3#

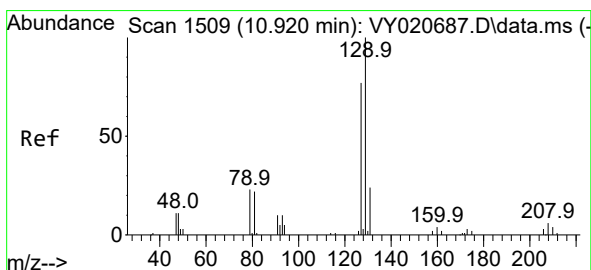
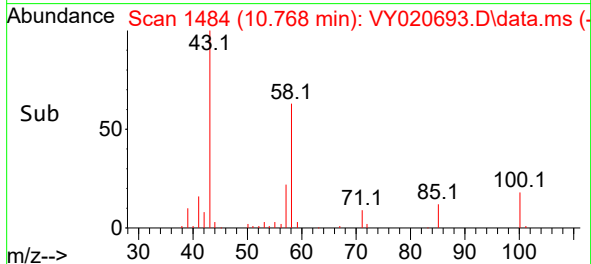
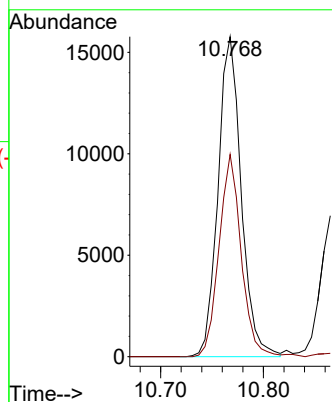
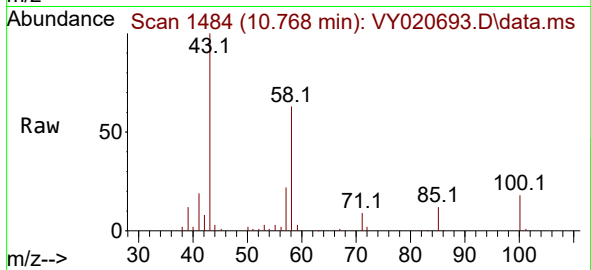




#59
2-Hexanone
Concen: 99.033 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

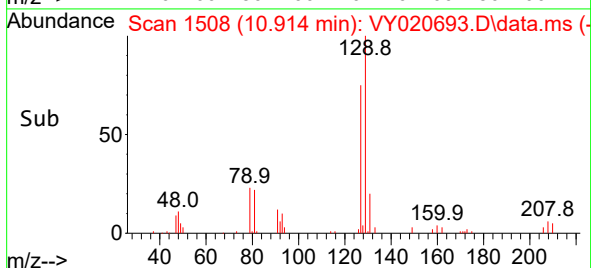
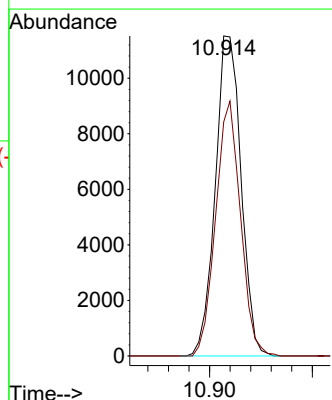
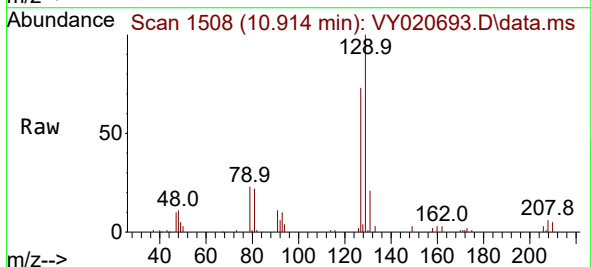
Instrument :
MSVOA_Y
ClientSampleId :

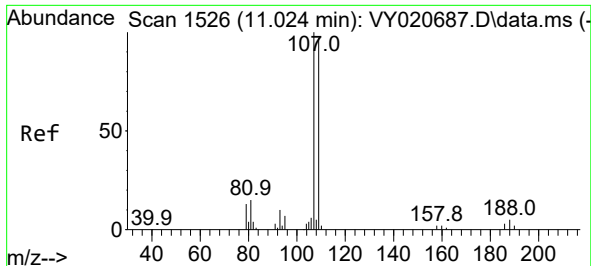
Tgt Ion: 43 Resp: 24683
Ion Ratio Lower Upper
43 100
58 60.6 27.2 81.6



#60
Dibromochloromethane
Concen: 21.535 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 129 Resp: 20089
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

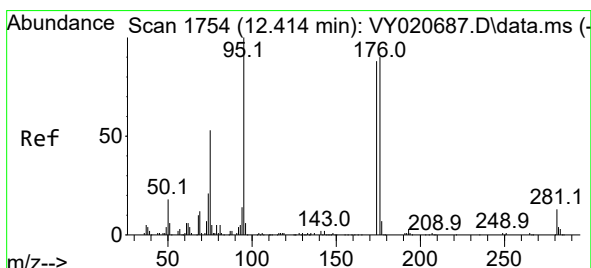
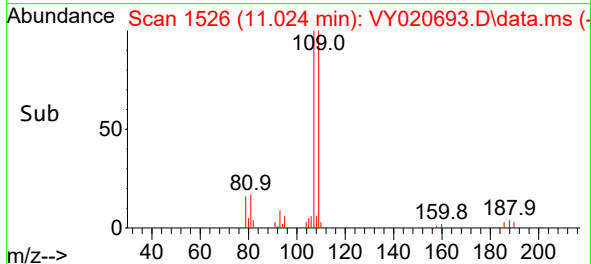
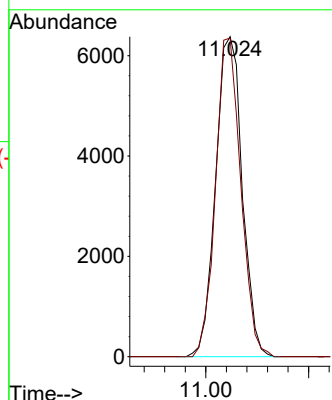
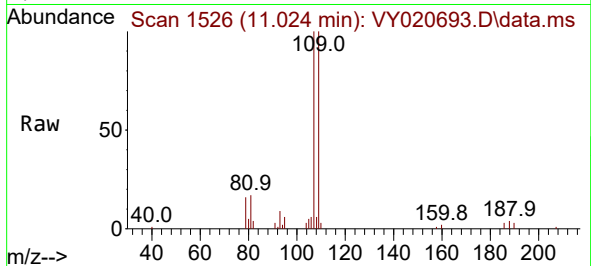




#61
1,2-Dibromoethane
Concen: 20.876 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

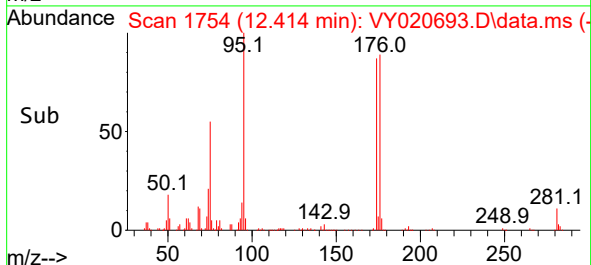
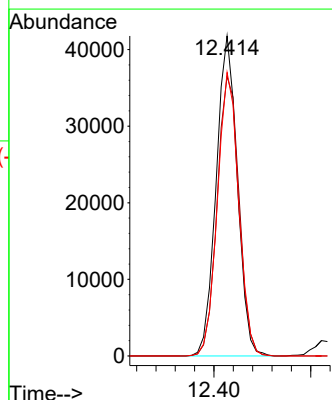
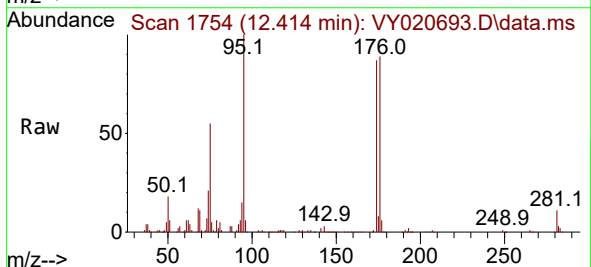
Instrument :
MSVOA_Y
ClientSampleId :

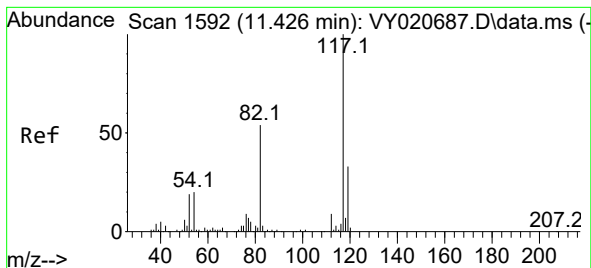
Tgt Ion:107 Resp: 11435
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.391 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 95 Resp: 63200
Ion Ratio Lower Upper
95 100
174 90.7 0.0 161.8
176 89.0 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: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

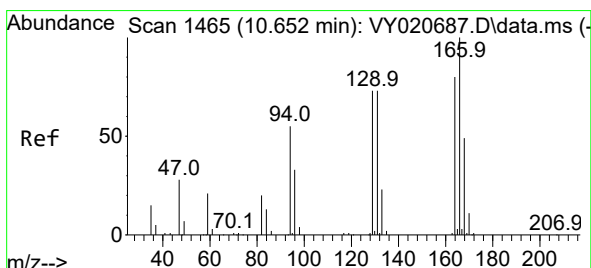
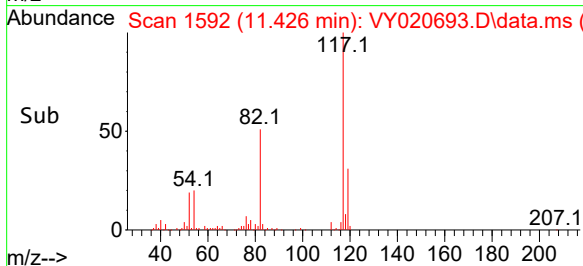
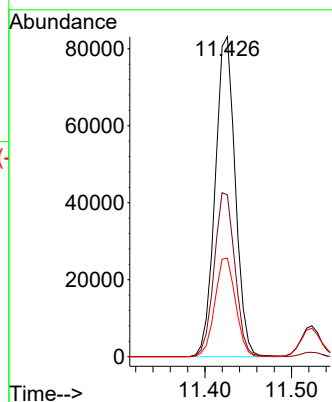
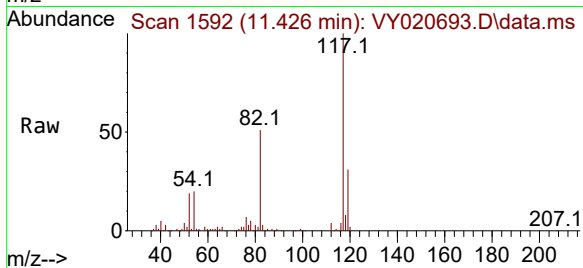
Tgt Ion:117 Resp: 134443

Ion Ratio Lower Upper

117 100

82 50.6 45.8 68.6

119 30.8 25.3 37.9



#64

Tetrachloroethene

Concen: 21.953 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Tgt Ion:164 Resp: 19601

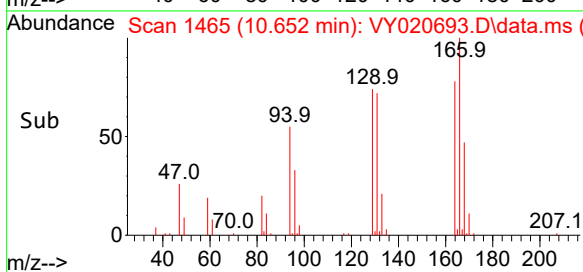
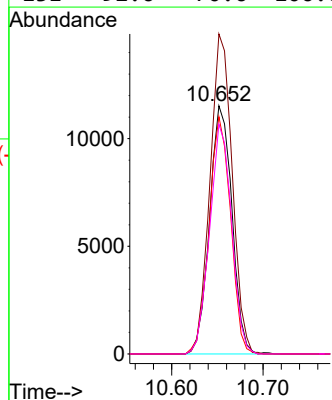
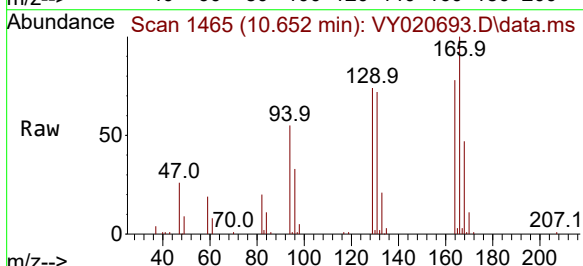
Ion Ratio Lower Upper

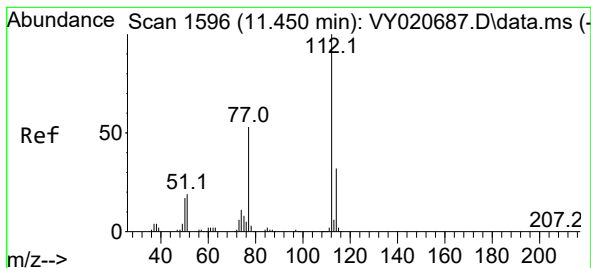
164 100

166 129.0 97.9 146.9

129 95.6 73.4 110.0

131 92.6 70.6 106.0





#65

Chlorobenzene

Concen: 22.012 ug/l

RT: 11.450 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

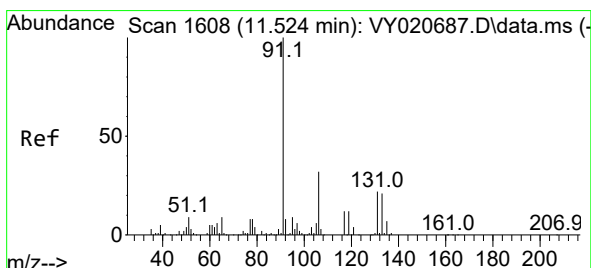
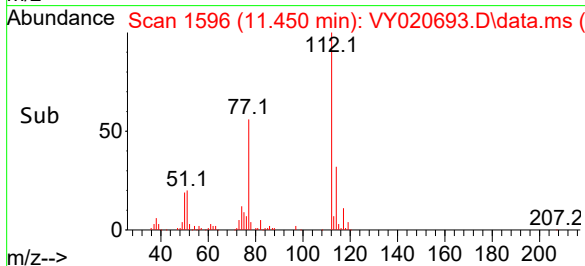
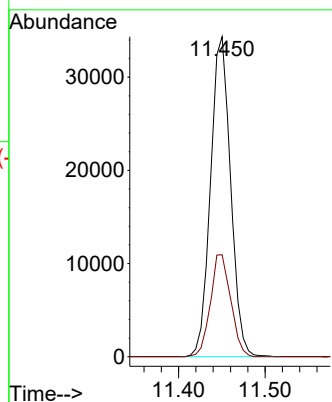
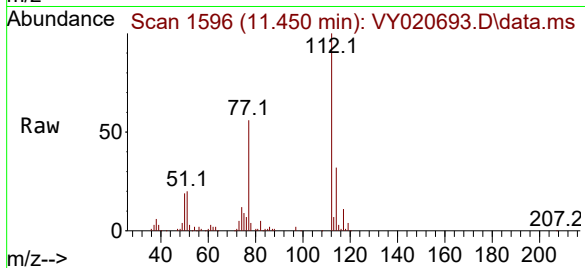
ClientSampleId :

Tgt Ion:112 Resp: 55302

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.323 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

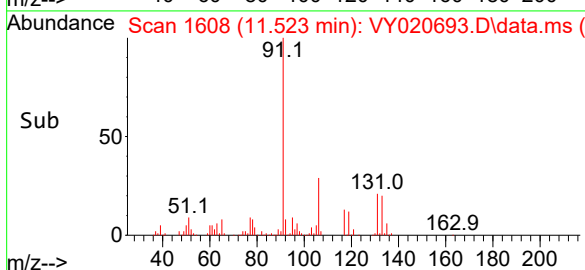
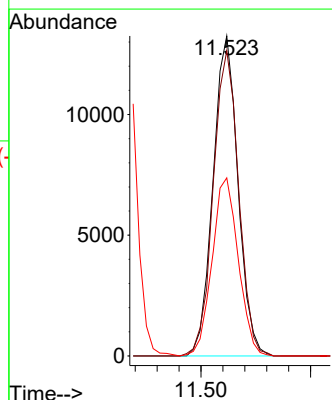
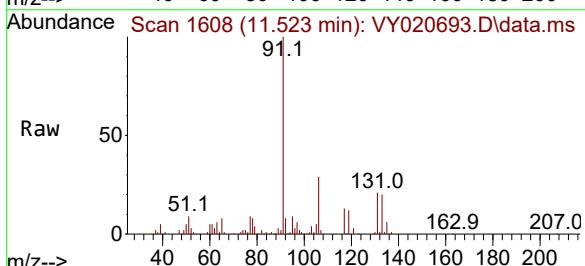
Tgt Ion:131 Resp: 20919

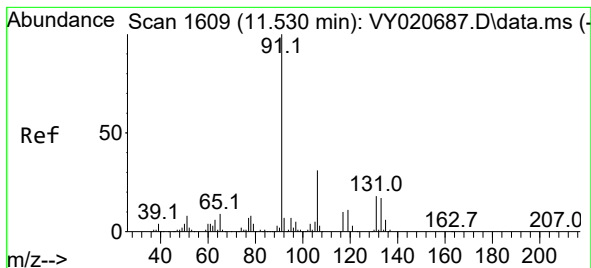
Ion Ratio Lower Upper

131 100

133 97.3 46.8 140.3

119 58.5 31.8 95.3





#67

Ethyl Benzene

Concen: 21.932 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

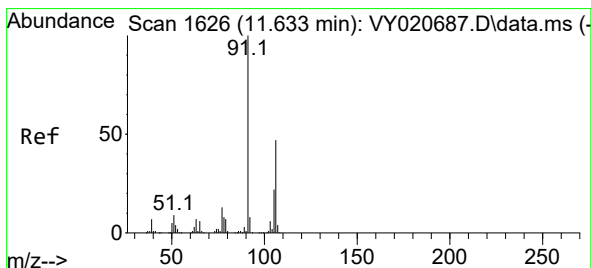
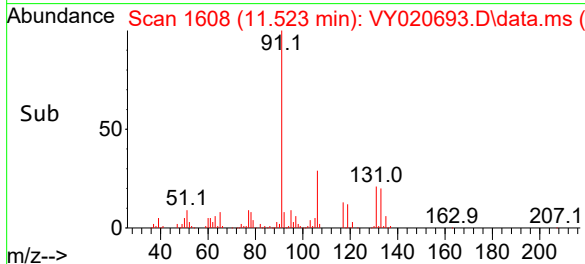
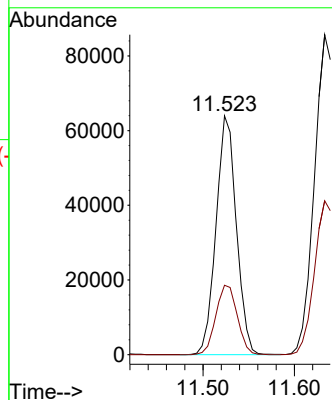
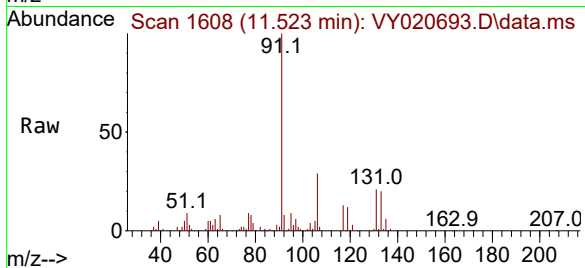
ClientSampleId :

Tgt Ion: 91 Resp: 98855

Ion Ratio Lower Upper

91 100

106 29.1 23.9 35.9



#68

m/p-Xylenes

Concen: 43.642 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020693.D

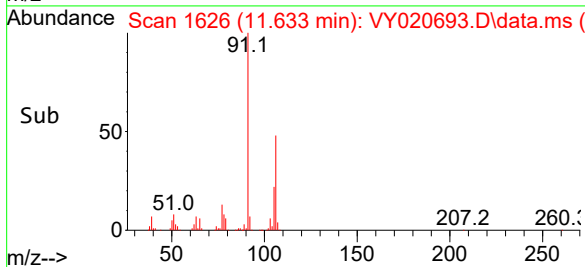
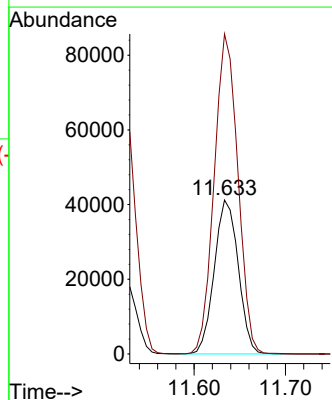
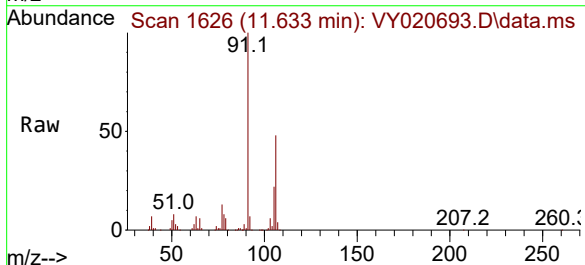
Acq: 23 Dec 2024 15:51

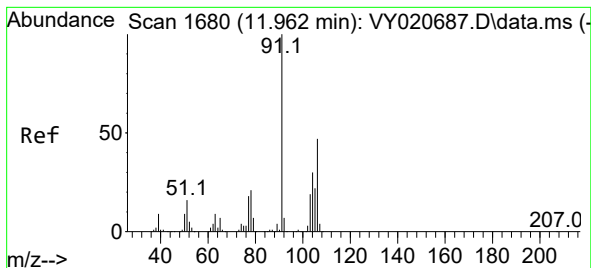
Tgt Ion:106 Resp: 75012

Ion Ratio Lower Upper

106 100

91 205.8 165.0 247.4





#69

o-Xylene

Concen: 21.930 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

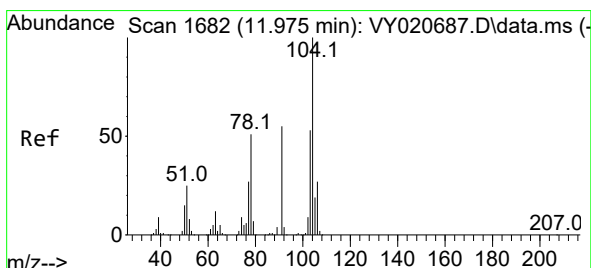
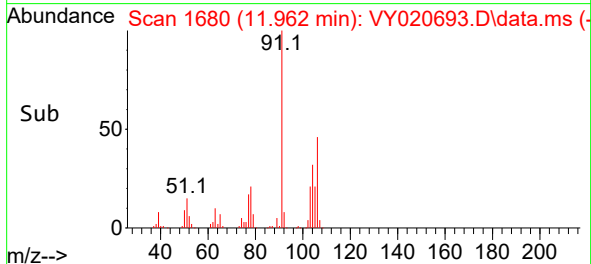
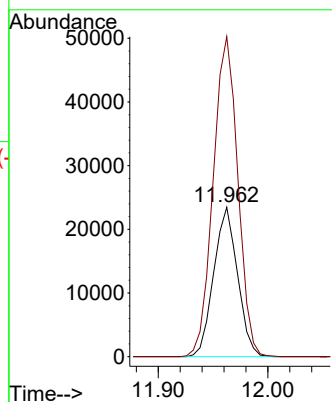
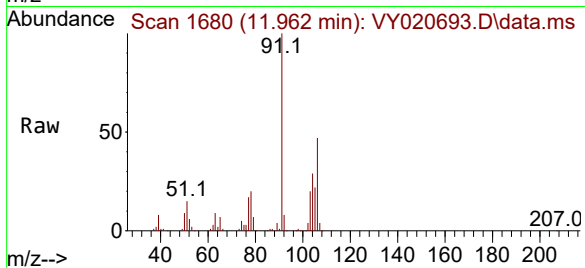
ClientSampleId :

Tgt Ion:106 Resp: 35407

Ion Ratio Lower Upper

106 100

91 221.7 108.4 325.2



#70

Styrene

Concen: 22.103 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

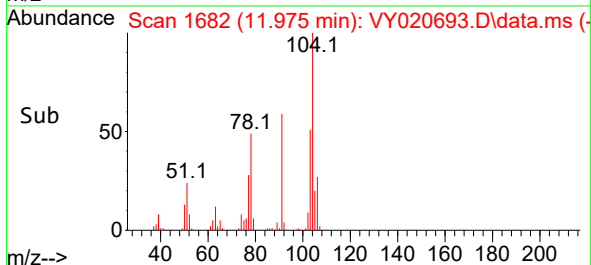
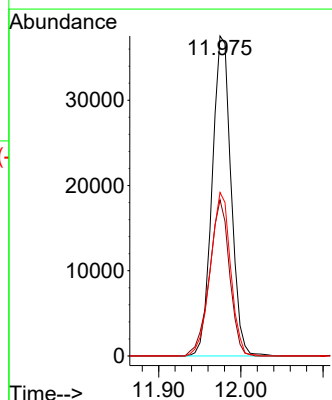
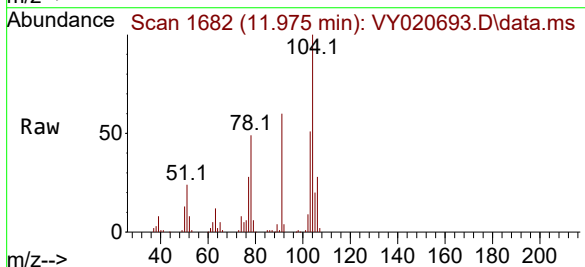
Tgt Ion:104 Resp: 60026

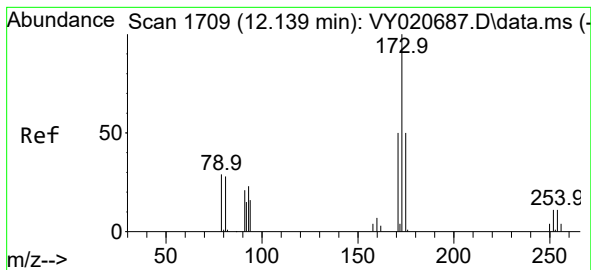
Ion Ratio Lower Upper

104 100

78 51.6 41.6 62.4

103 54.5 43.7 65.5





#71

Bromoform

Concen: 21.586 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

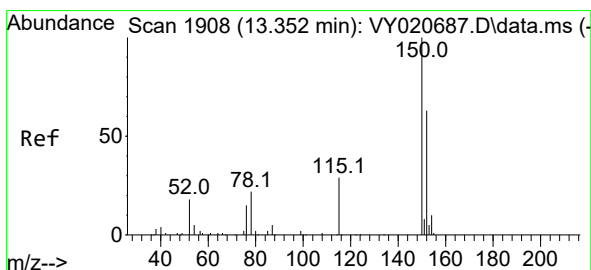
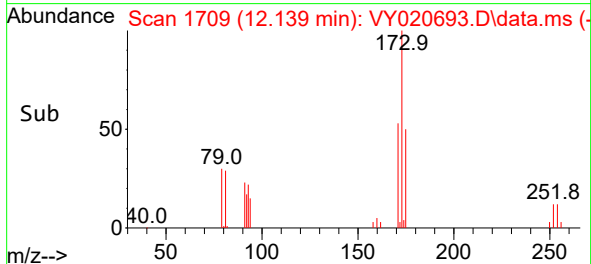
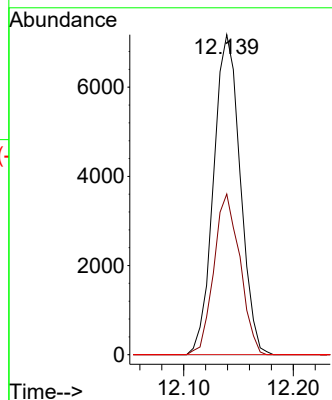
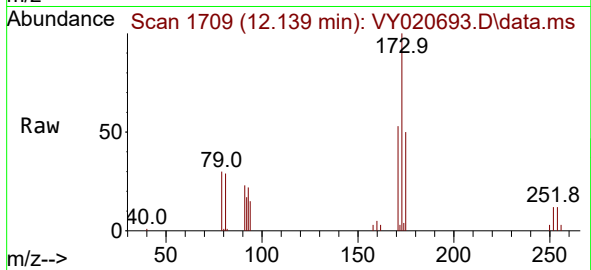
Tgt Ion:173 Resp: 12130

Ion Ratio Lower Upper

173 100

175 49.1 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: VY020693.D

Acq: 23 Dec 2024 15:51

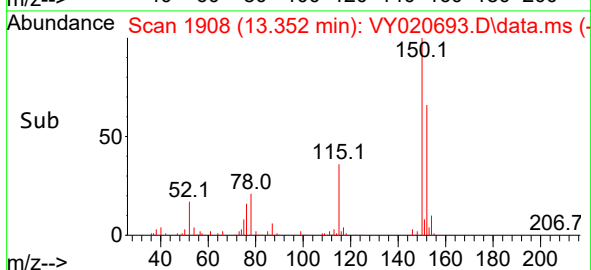
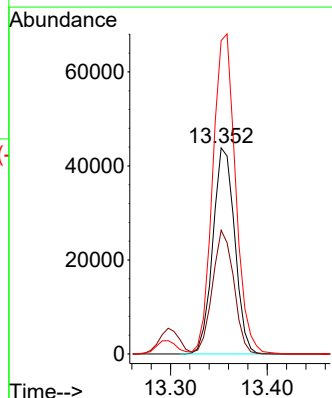
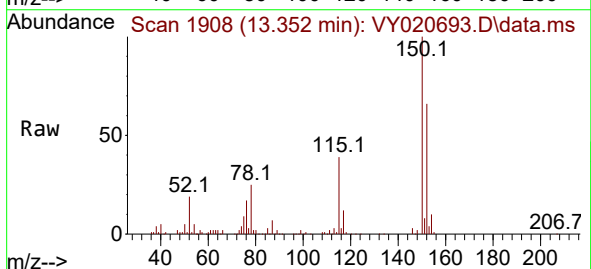
Tgt Ion:152 Resp: 68792

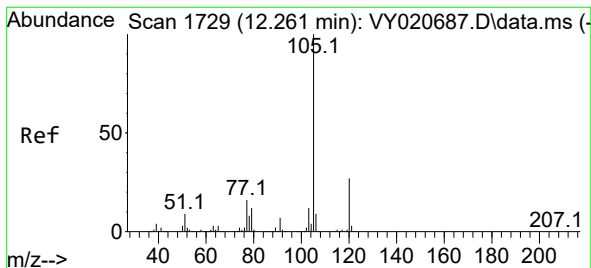
Ion Ratio Lower Upper

152 100

115 58.7 30.2 90.6

150 162.3 0.0 355.4





#73

Isopropylbenzene

Concen: 21.408 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

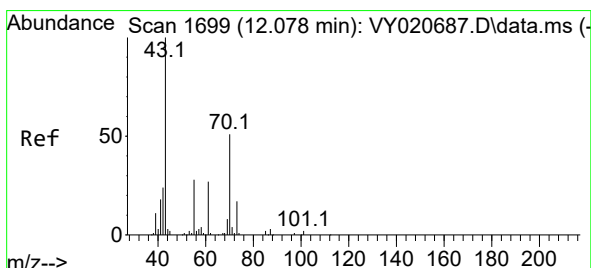
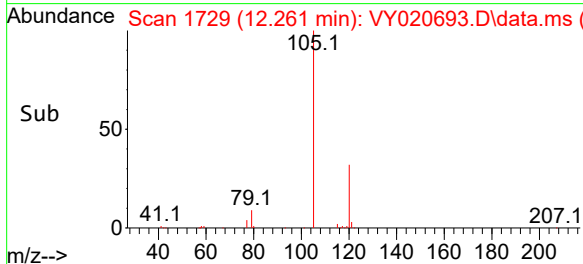
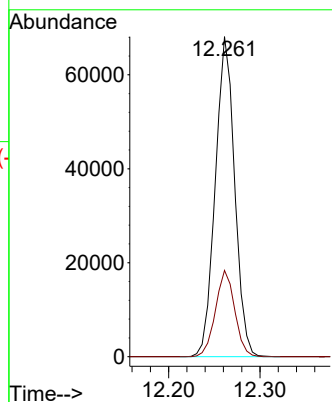
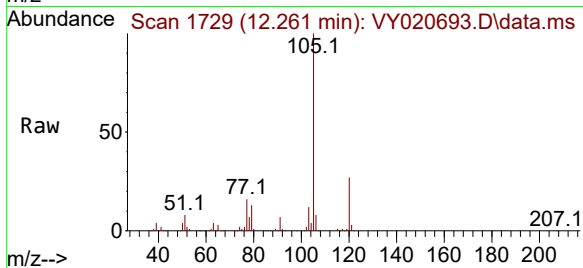
ClientSampleId :

Tgt Ion:105 Resp: 100172

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1



#74

N-ethyl acetate

Concen: 18.771 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Tgt Ion: 43 Resp: 12342

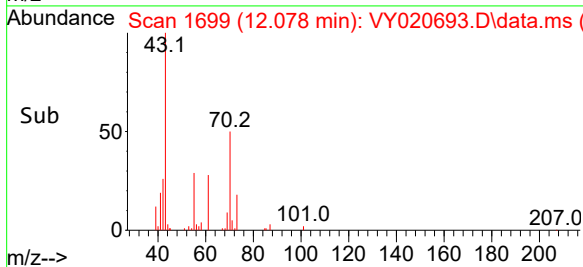
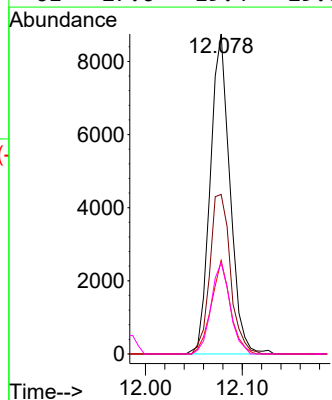
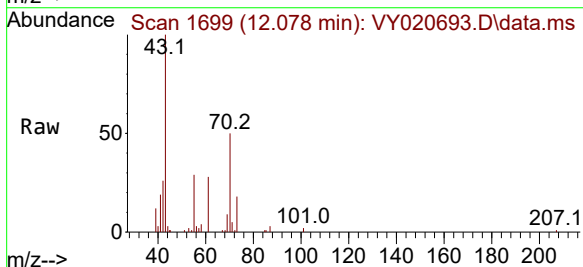
Ion Ratio Lower Upper

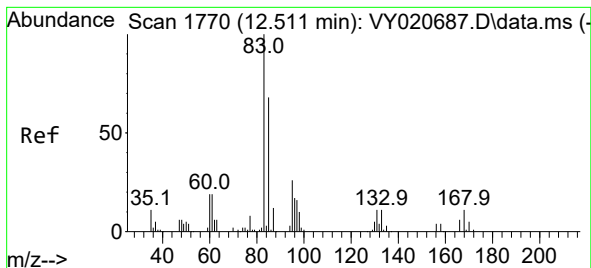
43 100

70 52.6 34.2 51.2#

55 28.2 19.6 29.4

61 27.6 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.425 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

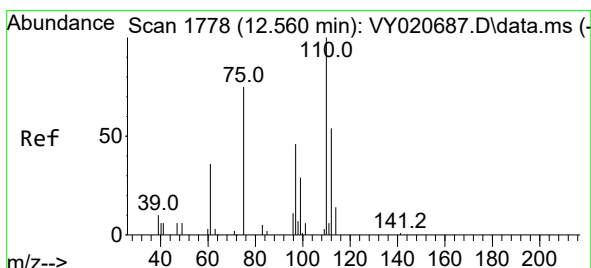
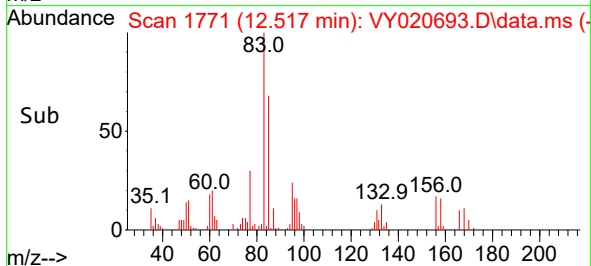
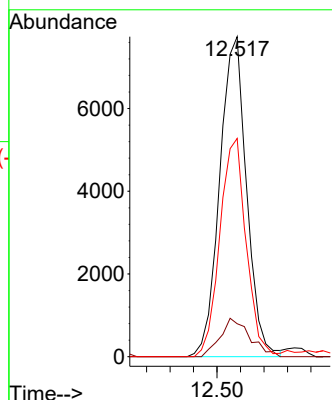
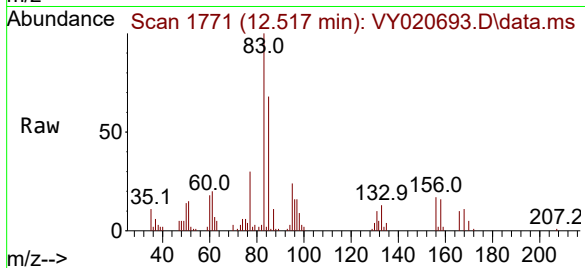
Tgt Ion: 83 Resp: 12299

Ion Ratio Lower Upper

83 100

131 13.2 5.2 15.6

85 66.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 38.205 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020693.D

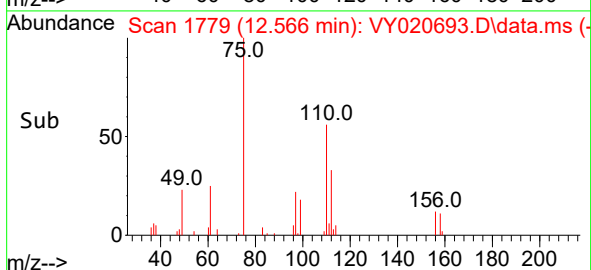
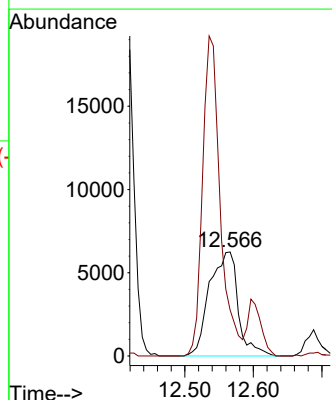
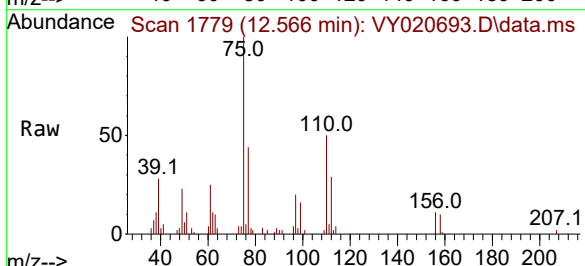
Acq: 23 Dec 2024 15:51

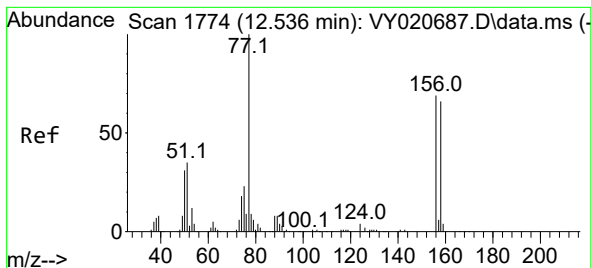
Tgt Ion: 75 Resp: 18125

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.268 ug/l

RT: 12.535 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

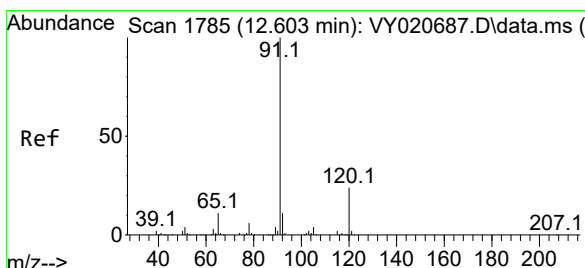
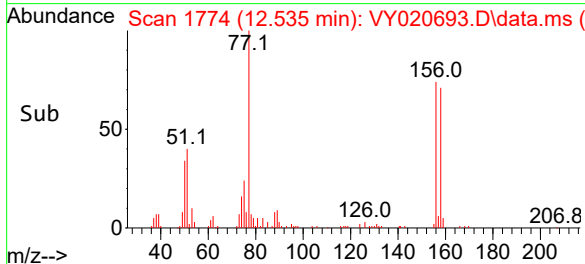
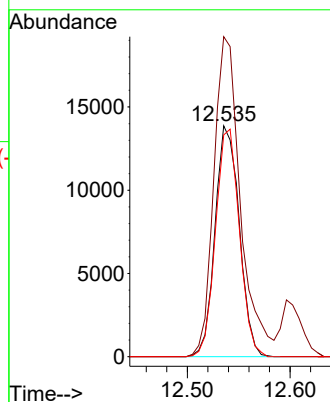
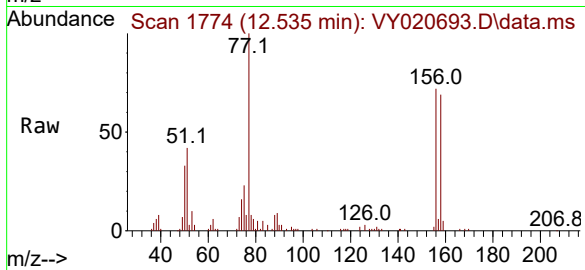
Tgt Ion:156 Resp: 22661

Ion Ratio Lower Upper

156 100

77 152.7 94.2 282.4

158 97.2 48.9 146.6



#78

n-propylbenzene

Concen: 21.346 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020693.D

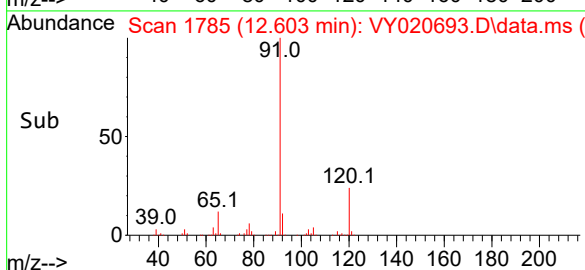
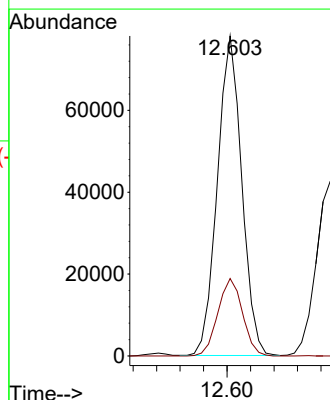
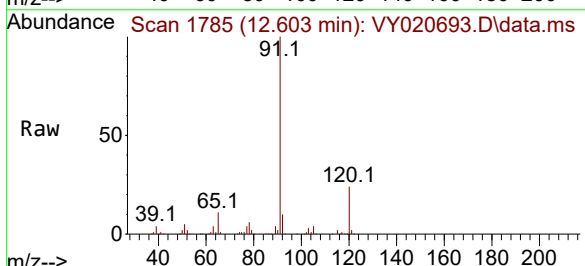
Acq: 23 Dec 2024 15:51

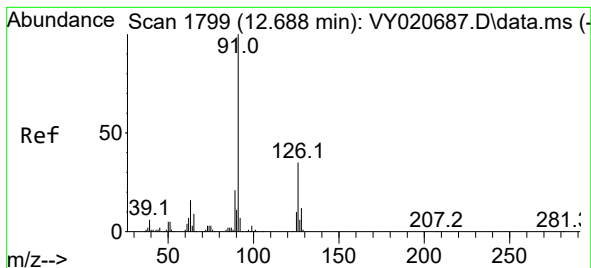
Tgt Ion: 91 Resp: 112609

Ion Ratio Lower Upper

91 100

120 24.5 11.1 33.1

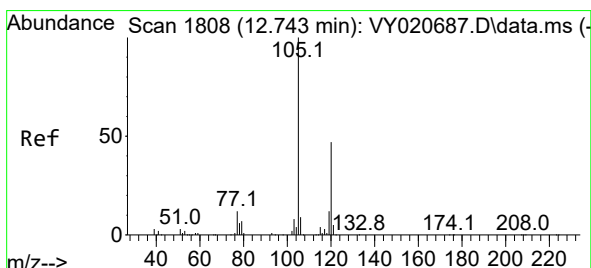
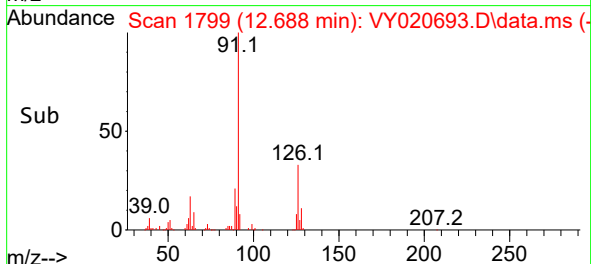
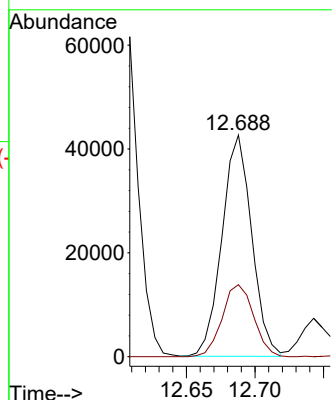
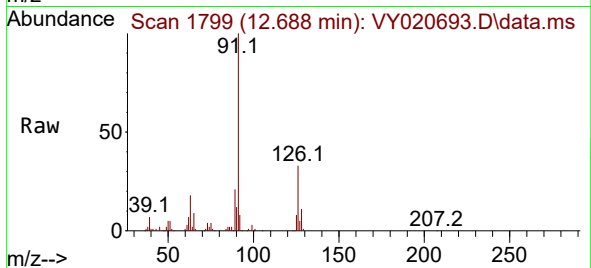




#79
2-Chlorotoluene
Concen: 21.492 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

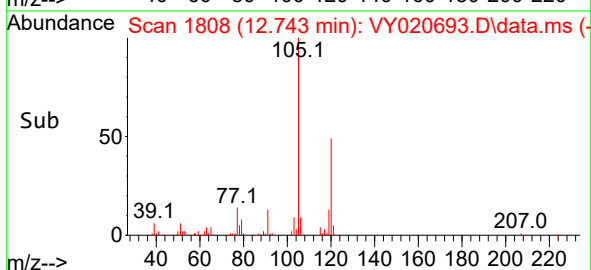
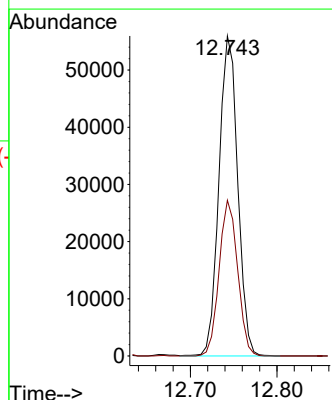
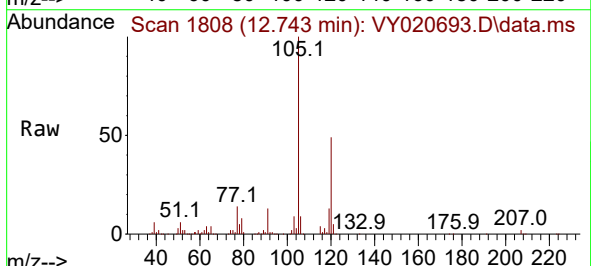
Instrument :
MSVOA_Y
ClientSampleId :

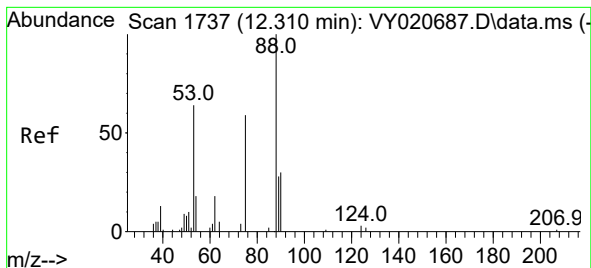
Tgt Ion: 91 Resp: 64543
Ion Ratio Lower Upper
91 100
126 34.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 21.685 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

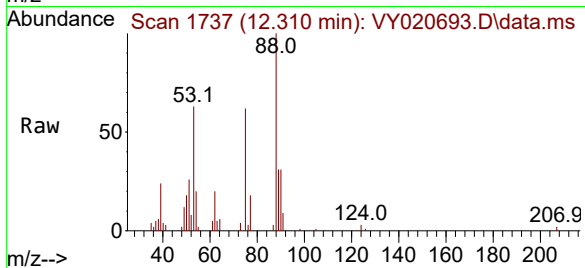
Tgt Ion: 105 Resp: 84160
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7



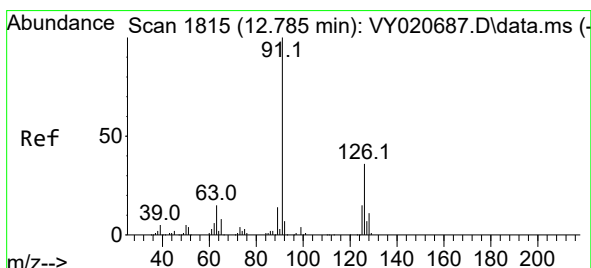
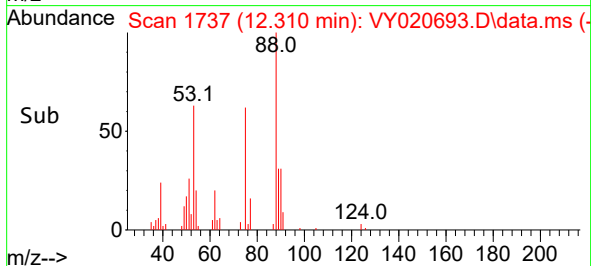
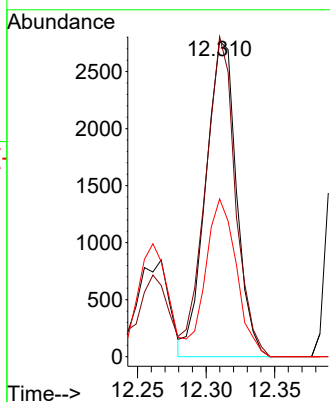


#81
trans-1,4-Dichloro-2-butene
Concen: 19.781 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

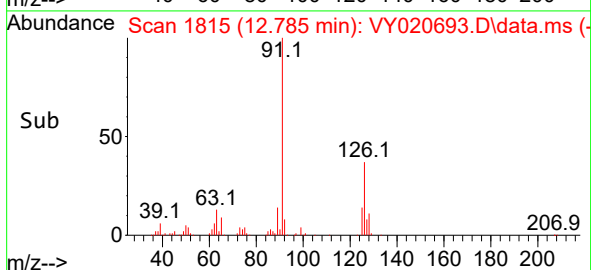
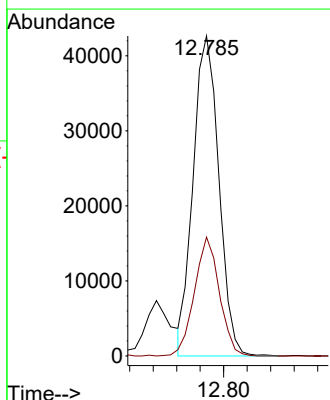
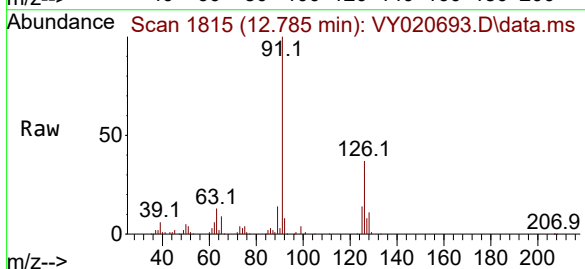


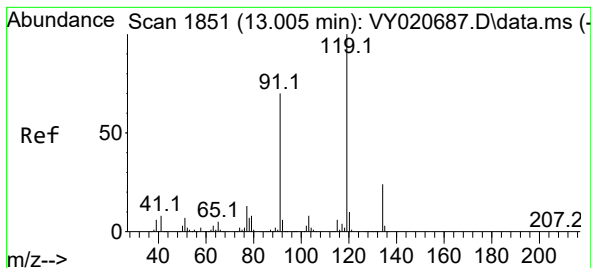
Tgt Ion: 75 Resp: 4317
Ion Ratio Lower Upper
75 100
53 99.1 75.4 113.2
89 49.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.153 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020693.D
Acq: 23 Dec 2024 15:51

Tgt Ion: 91 Resp: 64790
Ion Ratio Lower Upper
91 100
126 36.1 16.6 49.7





#83

tert-Butylbenzene

Concen: 21.428 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

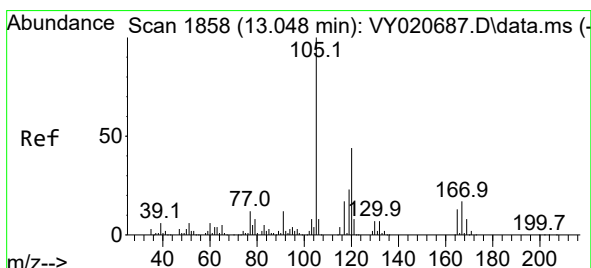
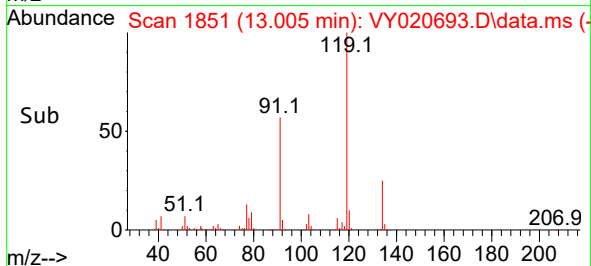
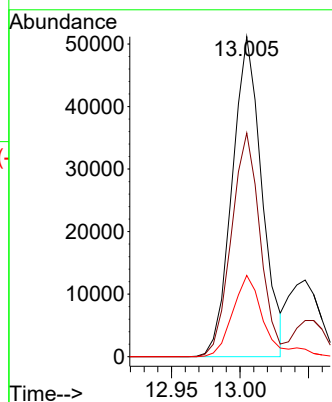
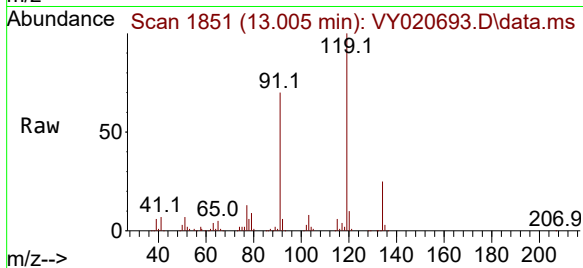
Tgt Ion:119 Resp: 77381

Ion Ratio Lower Upper

119 100

91 67.3 32.9 98.6

134 26.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.631 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020693.D

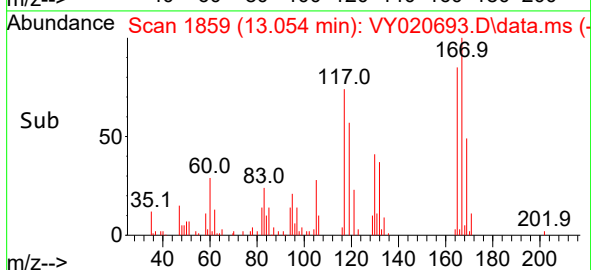
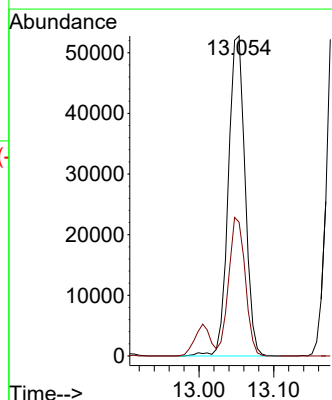
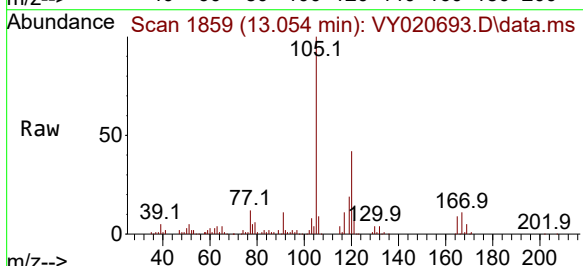
Acq: 23 Dec 2024 15:51

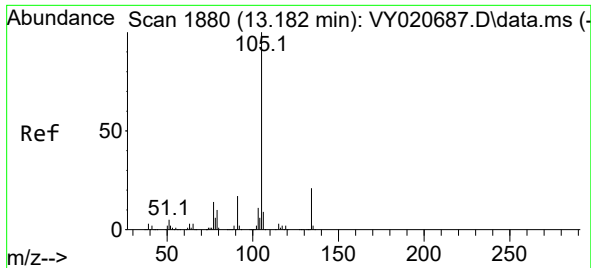
Tgt Ion:105 Resp: 82010

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4

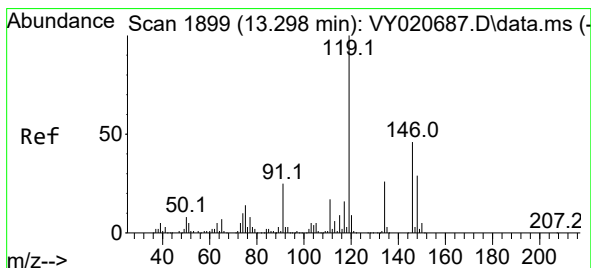
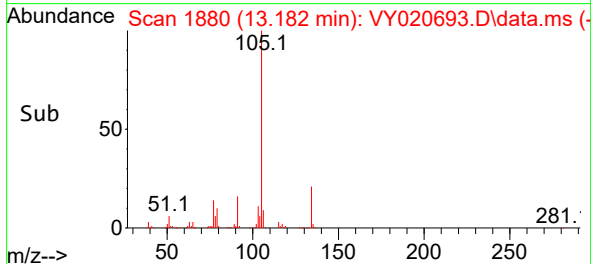
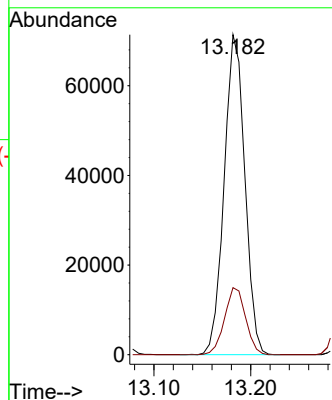
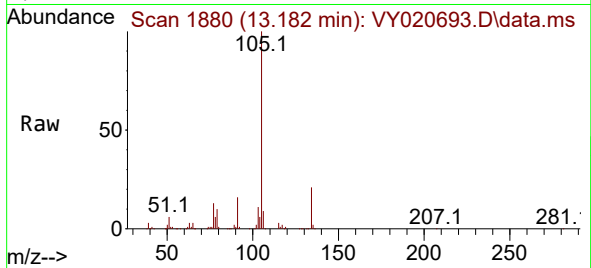




#85
 sec-Butylbenzene
 Concen: 21.767 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

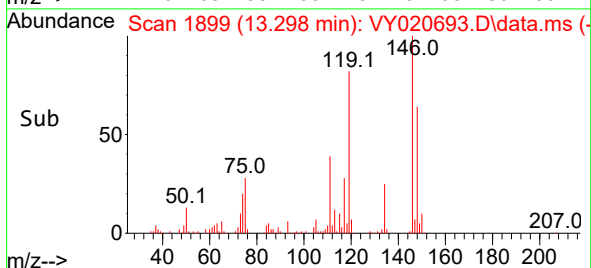
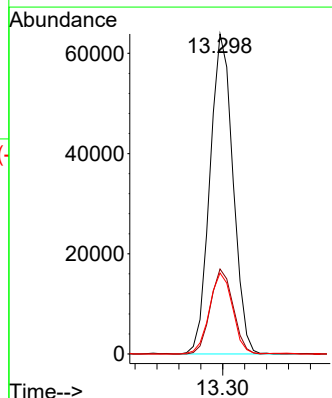
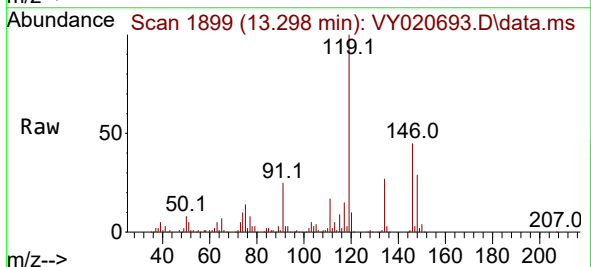
Instrument :
 MSVOA_Y
 ClientSampleId :

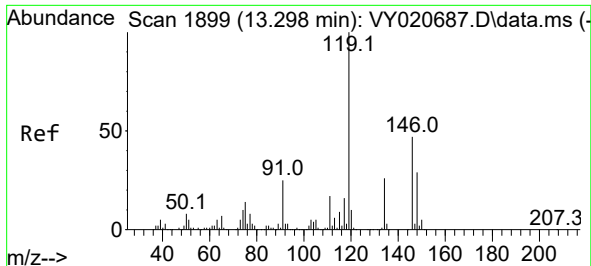
Tgt Ion:105 Resp: 105840
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.976 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020693.D
 Acq: 23 Dec 2024 15:51

Tgt Ion:119 Resp: 93419
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 25.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.414 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

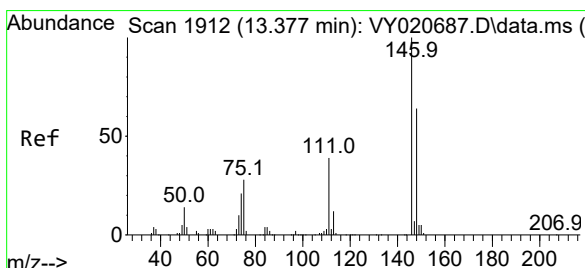
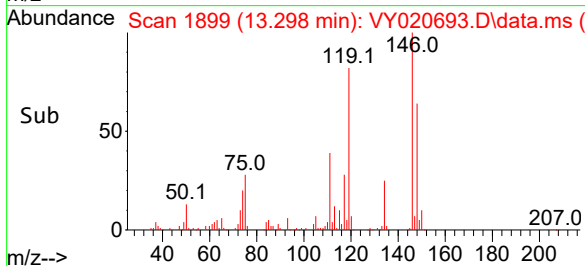
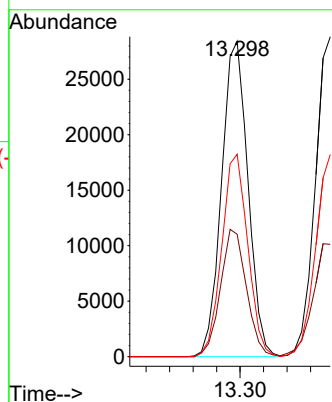
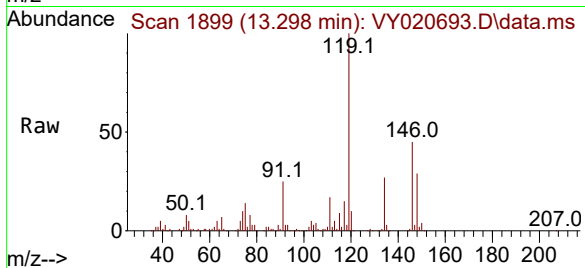
Tgt Ion:146 Resp: 44326

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.8

148 63.2 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 21.635 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

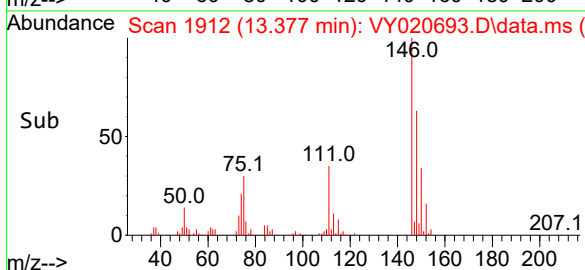
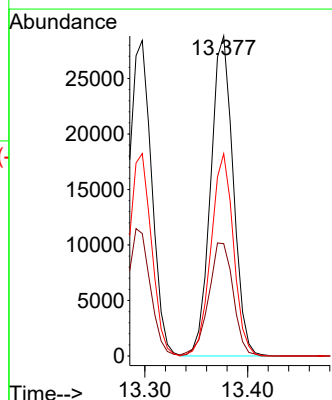
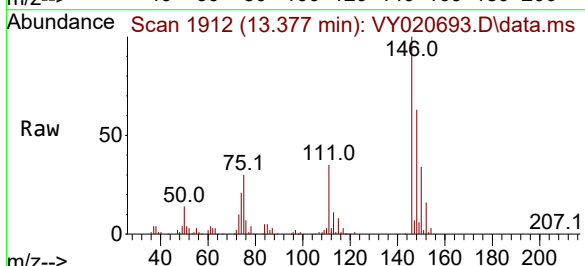
Tgt Ion:146 Resp: 43876

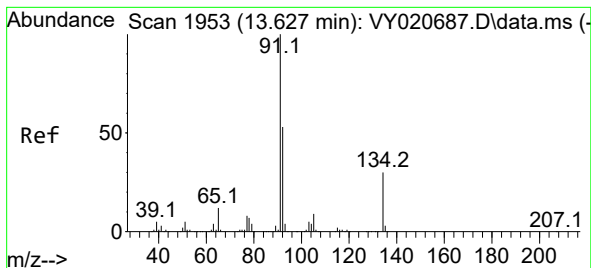
Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 21.859 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

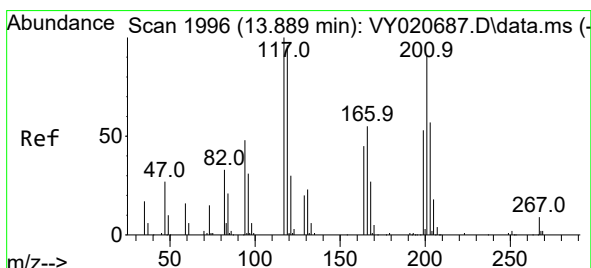
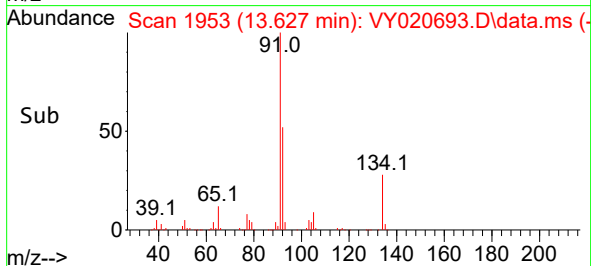
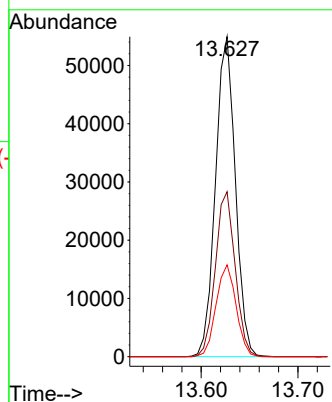
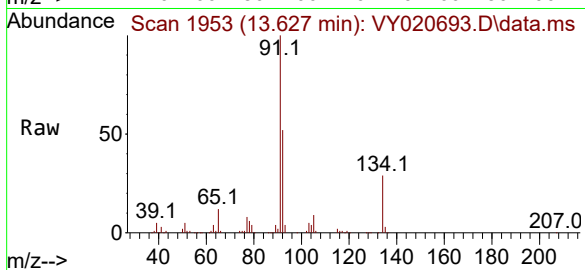
Tgt Ion: 91 Resp: 78283

Ion Ratio Lower Upper

91 100

92 51.4 26.8 80.4

134 28.9 12.5 37.5



#90

Hexachloroethane

Concen: 20.547 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020693.D

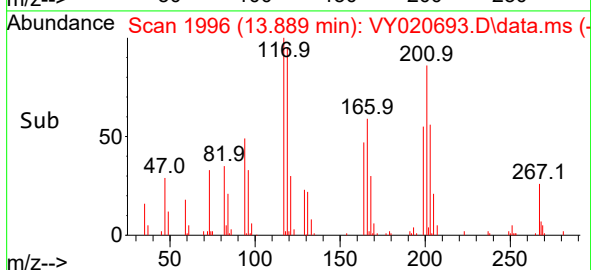
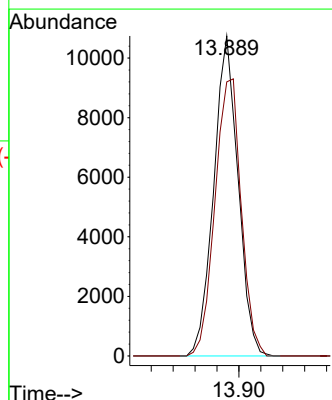
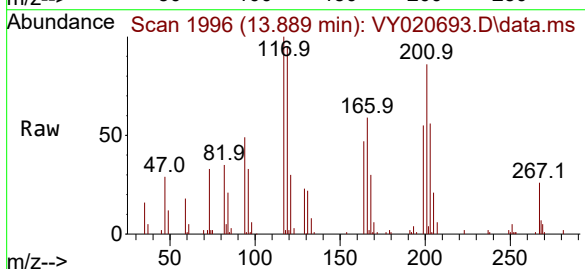
Acq: 23 Dec 2024 15:51

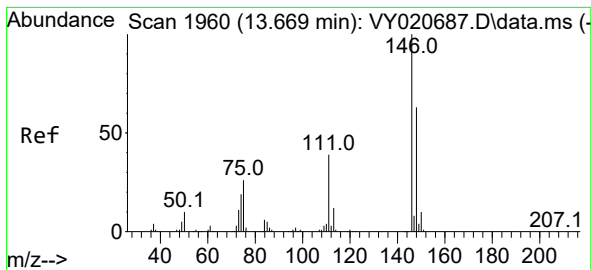
Tgt Ion: 117 Resp: 16570

Ion Ratio Lower Upper

117 100

201 93.4 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 21.121 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

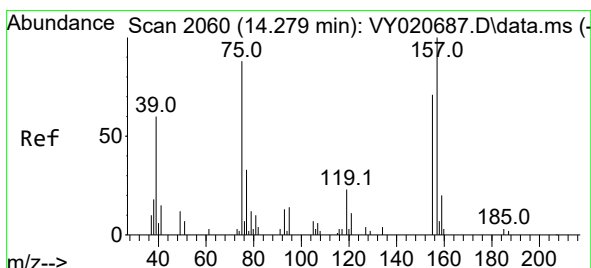
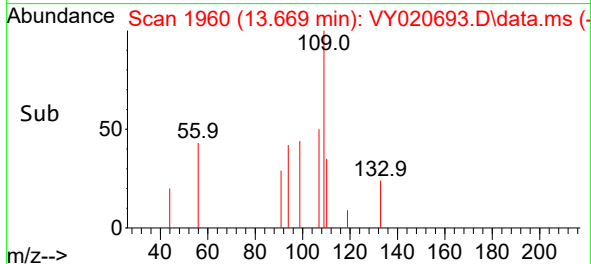
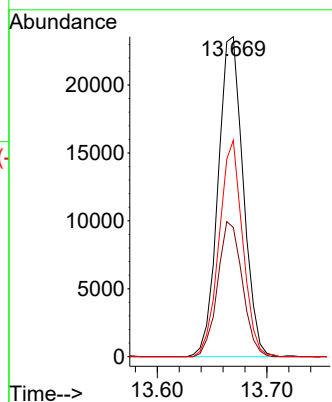
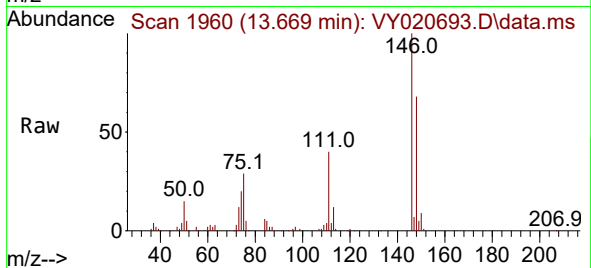
Tgt Ion:146 Resp: 37520

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.915 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

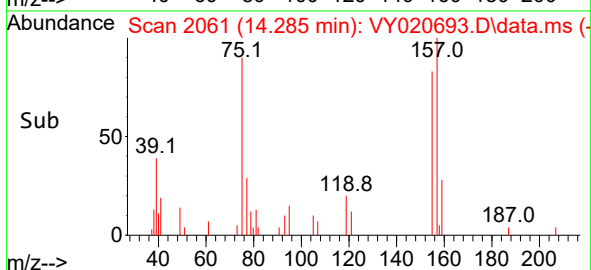
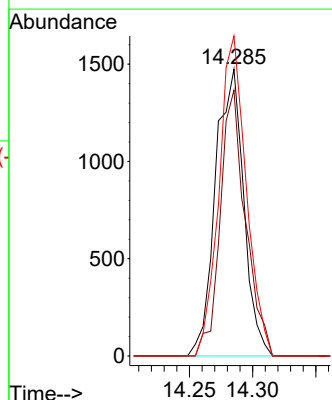
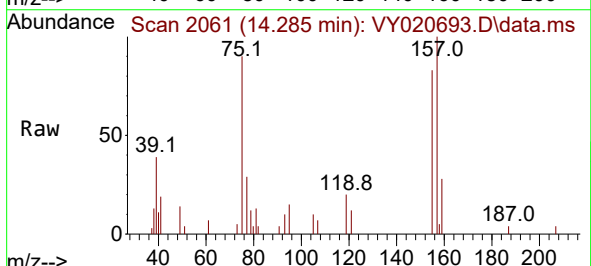
Tgt Ion: 75 Resp: 2285

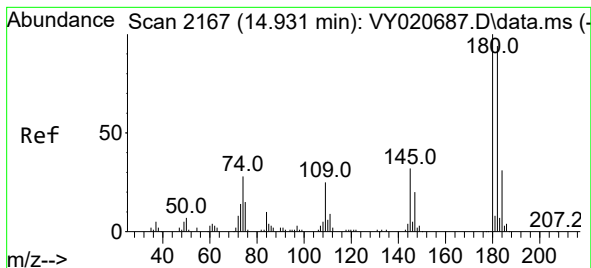
Ion Ratio Lower Upper

75 100

155 83.1 41.1 123.3

157 107.7 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 20.729 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

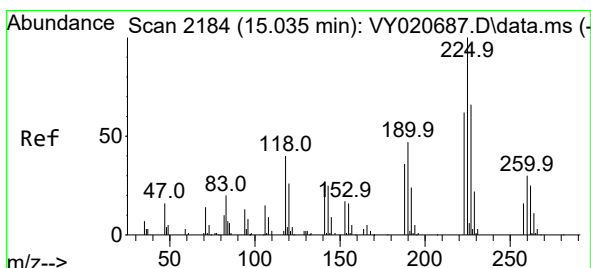
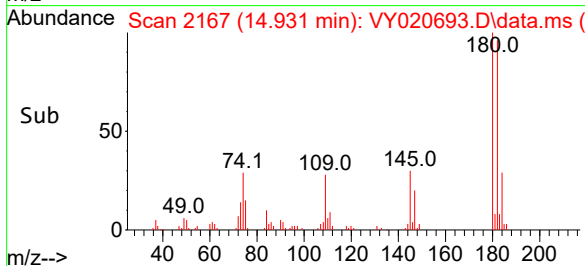
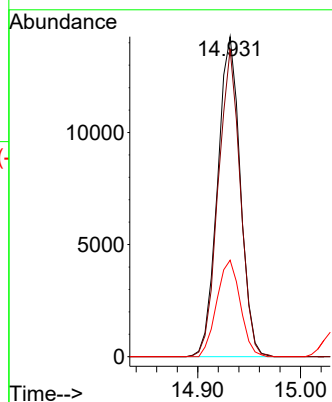
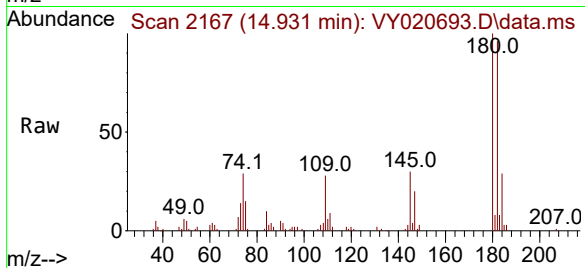
Tgt Ion:180 Resp: 21862

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.6

145 31.2 15.6 46.7



#94

Hexachlorobutadiene

Concen: 21.873 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

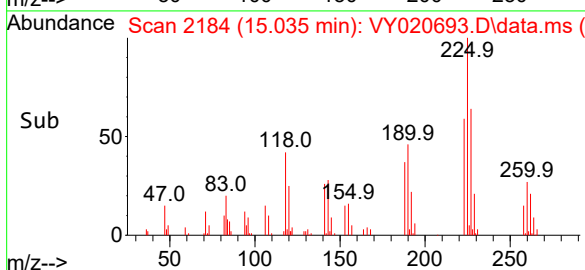
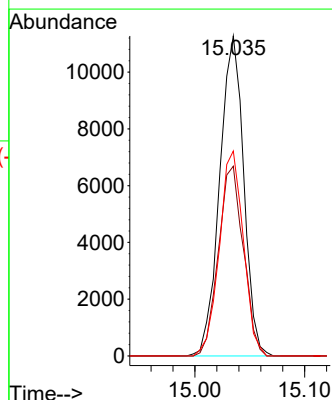
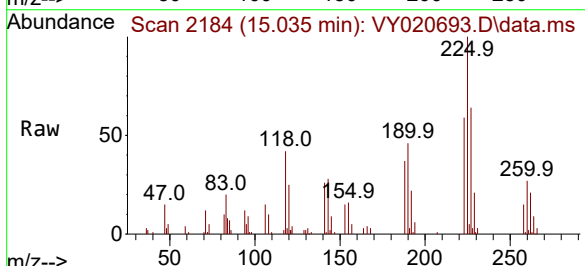
Tgt Ion:225 Resp: 17176

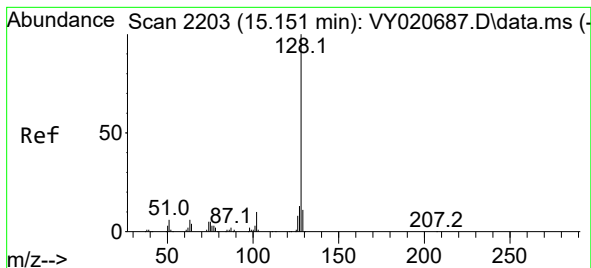
Ion Ratio Lower Upper

225 100

223 61.5 31.8 95.3

227 63.9 32.2 96.6





#95

Naphthalene

Concen: 19.644 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

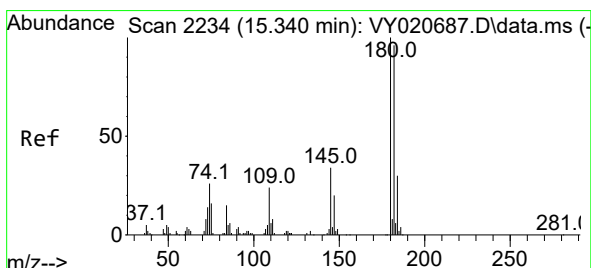
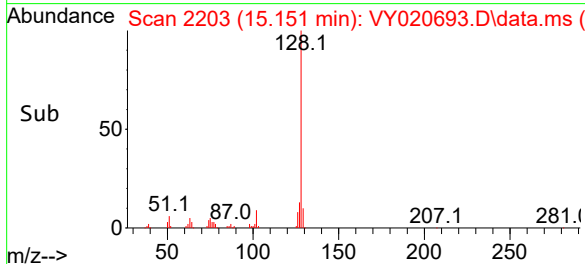
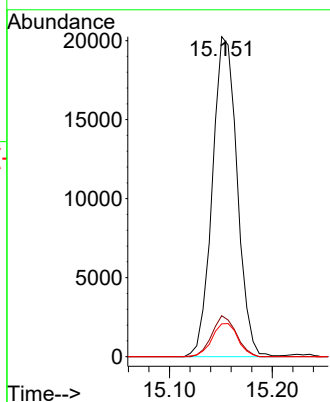
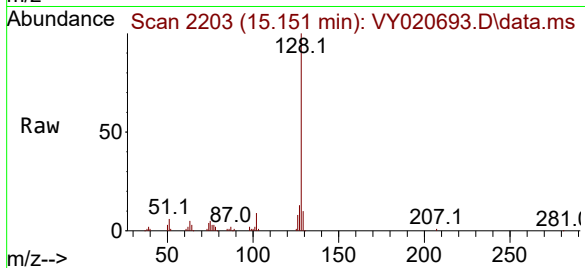
Tgt Ion:128 Resp: 33900

Ion Ratio Lower Upper

128 100

127 12.5 10.7 16.1

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.997 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020693.D

Acq: 23 Dec 2024 15:51

Tgt Ion:180 Resp: 17632

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 31.6 16.0 48.0

