

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018787.D
 Acq On : 12 Jul 2024 10:40
 Operator : SY/MD
 Sample : VY0712SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:33:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	118364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56664	48.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.710	113	57173	50.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.173	98	211110	48.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.483	95	70408	47.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16893	17.033	ug/l	98
3) Chloromethane	2.107	50	24970	16.567	ug/l	99
4) Vinyl Chloride	2.241	62	31142	17.663	ug/l	96
5) Bromomethane	2.637	94	23944	19.743	ug/l	99
6) Chloroethane	2.784	64	21156	18.470	ug/l	97
7) Trichlorofluoromethane	3.113	101	41332	17.940	ug/l	96
8) Diethyl Ether	3.515	74	10996	19.582	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	22543	19.071	ug/l	96
10) Methyl Iodide	4.070	142	22627	17.776	ug/l	94
11) Tert butyl alcohol	4.930	59	8457	71.677	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	21724	18.997	ug/l	92
13) Acrolein	3.710	56	8376	88.607	ug/l	100
14) Allyl chloride	4.466	41	26491	18.699	ug/l	94
15) Acrylonitrile	5.143	53	22142	99.953	ug/l	97
16) Acetone	3.936	43	20272	94.406	ug/l #	79
17) Carbon Disulfide	4.180	76	55727	17.404	ug/l	96
18) Methyl Acetate	4.466	43	11215	17.975	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	51315	19.344	ug/l	94
20) Methylene Chloride	4.698	84	31721	23.449	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	22380	18.543	ug/l	88
22) Diisopropyl ether	6.106	45	58401	18.951	ug/l	91
23) Vinyl Acetate	6.045	43	230980	95.138	ug/l	99
24) 1,1-Dichloroethane	5.997	63	37660	19.140	ug/l	95
25) 2-Butanone	6.978	43	29074	96.593	ug/l #	82
26) 2,2-Dichloropropane	6.966	77	32886	18.014	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	26057	18.544	ug/l	96
28) Bromochloromethane	7.320	49	16009	20.258	ug/l	97
29) Tetrahydrofuran	7.344	42	18181	98.527	ug/l	95
30) Chloroform	7.496	83	42809	19.522	ug/l	98
31) Cyclohexane	7.783	56	32068	17.921	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	39183	19.216	ug/l	99
36) 1,1-Dichloropropene	7.911	75	30398	19.350	ug/l	97
37) Ethyl Acetate	7.070	43	13511	20.691	ug/l #	94
38) Carbon Tetrachloride	7.893	117	35244	18.627	ug/l	98
39) Methylcyclohexane	9.179	83	37712	18.732	ug/l #	88
40) Benzene	8.155	78	88134	19.339	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	9181	24.661	ug/l #	35
42) 1,2-Dichloroethane	8.228	62	24666	19.331	ug/l	96
43) Isopropyl Acetate	8.271	43	24950	19.202	ug/l #	84
44) Trichloroethene	8.935	130	25341	19.453	ug/l	96
45) 1,2-Dichloropropane	9.209	63	19247	19.394	ug/l	96
46) Dibromomethane	9.301	93	12712	19.762	ug/l	98
47) Bromodichloromethane	9.490	83	30324	18.870	ug/l	95
48) Methyl methacrylate	9.289	41	10924	18.497	ug/l #	85
49) 1,4-Dioxane	9.295	88	3040	403.158	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	64738	97.586	ug/l	94
52) Toluene	10.240	92	57504	18.984	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	26453	19.066	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	32352	19.876	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	16361	20.085	ug/l	96
56) Ethyl methacrylate	10.508	69	21438	19.990	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	26941	19.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	49369	96.357	ug/l	92
59) 2-Hexanone	10.831	43	46239	99.630	ug/l	88
60) Dibromochloromethane	10.984	129	21173	18.918	ug/l	98
61) 1,2-Dibromoethane	11.087	107	15998	20.202	ug/l	97
64) Tetrachloroethene	10.721	164	25622	20.481	ug/l	97
65) Chlorobenzene	11.514	112	66049	20.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	22404	19.944	ug/l	95
67) Ethyl Benzene	11.587	91	110952	19.426	ug/l	99
68) m/p-Xylenes	11.703	106	86276	38.493	ug/l	94
69) o-Xylene	12.026	106	42050	19.955	ug/l	99
70) Styrene	12.044	104	70069	19.929	ug/l	96
71) Bromoform	12.209	173	12252	20.010	ug/l #	99
73) Isopropylbenzene	12.331	105	110832	19.352	ug/l	97
74) N-amyl acetate	12.142	43	20596	17.585	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	17586	19.478	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22207	36.233	ug/l #	100
77) Bromobenzene	12.611	156	26483	19.370	ug/l	92
78) n-propylbenzene	12.672	91	129811	19.087	ug/l	97
79) 2-Chlorotoluene	12.758	91	71412	18.674	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	89790	19.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5252	19.178	ug/l	88
82) 4-Chlorotoluene	12.849	91	75723	19.230	ug/l	98
83) tert-Butylbenzene	13.075	119	80034	18.500	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	88734	19.056	ug/l	100
85) sec-Butylbenzene	13.251	105	114331	18.618	ug/l	96
86) p-Isopropyltoluene	13.367	119	98758	18.629	ug/l	94
87) 1,3-Dichlorobenzene	13.361	146	52153	19.422	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	51343	19.291	ug/l	97
89) n-Butylbenzene	13.696	91	90946	18.923	ug/l	98
90) Hexachloroethane	13.959	117	17865	18.120	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	44295	19.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2799	19.133	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	26691	18.850	ug/l	96
94) Hexachlorobutadiene	15.111	225	14781	18.110	ug/l	96
95) Naphthalene	15.239	128	43111	17.748	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	22244	18.360	ug/l	97

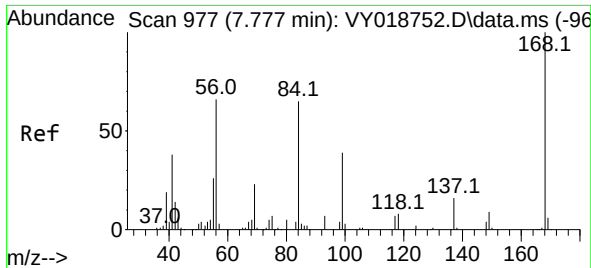
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Response via : Initial Calibration

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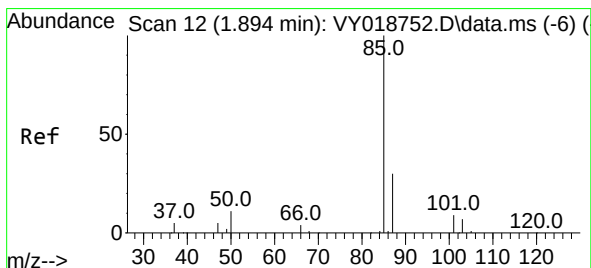
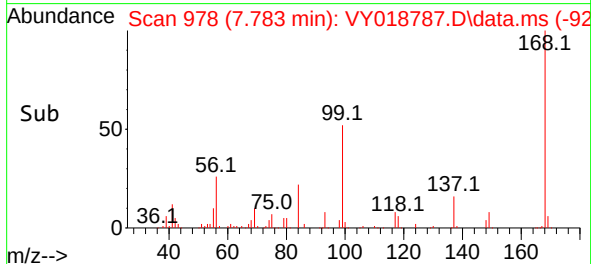
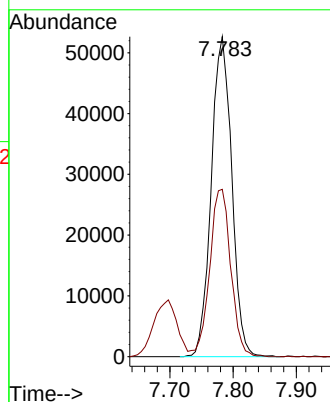
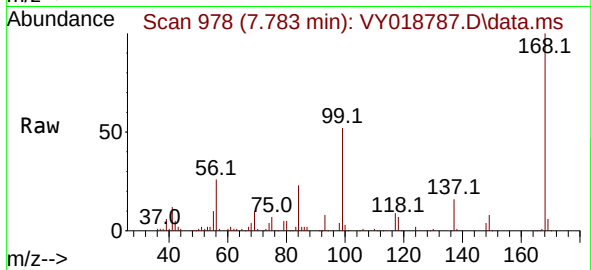
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

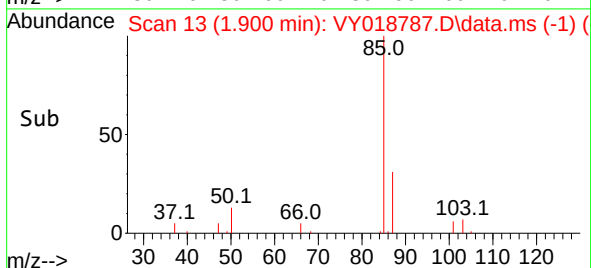
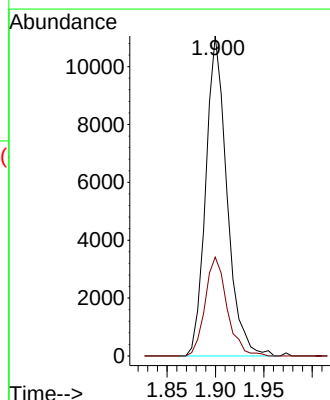
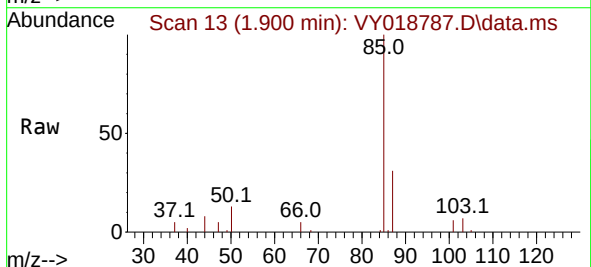
Instrument :
MSVOA_Y
ClientSampleId :

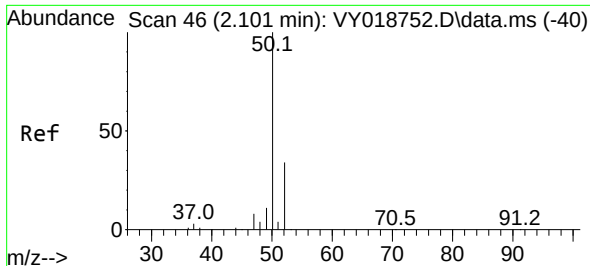
Tgt Ion:168 Resp: 118364
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 17.033 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 85 Resp: 16893
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

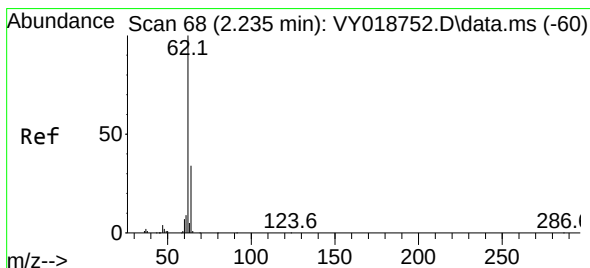
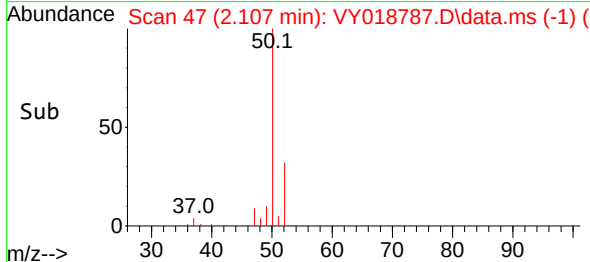
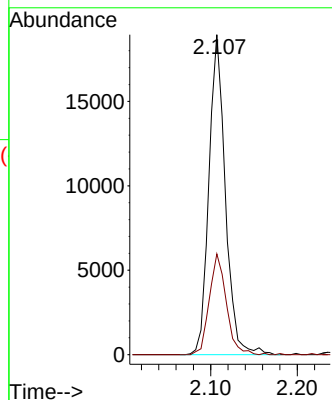
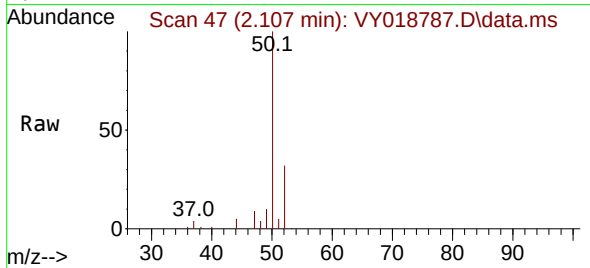




#3
Chloromethane
Concen: 16.567 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

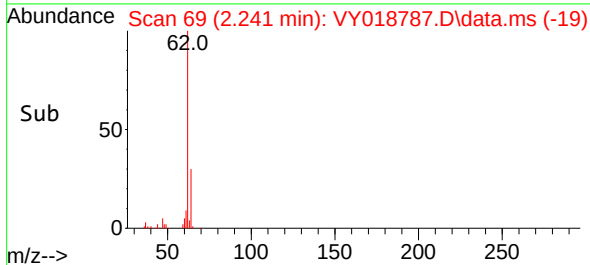
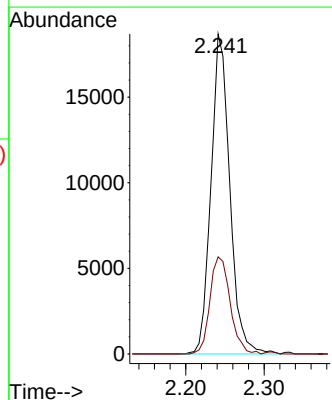
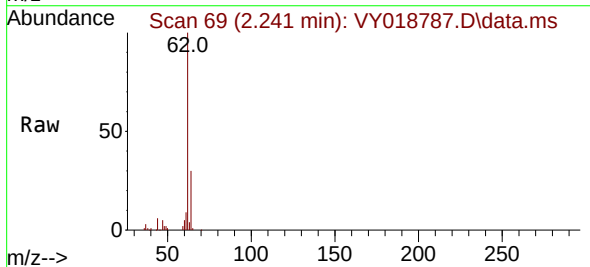
Instrument :
MSVOA_Y
ClientSampleId :

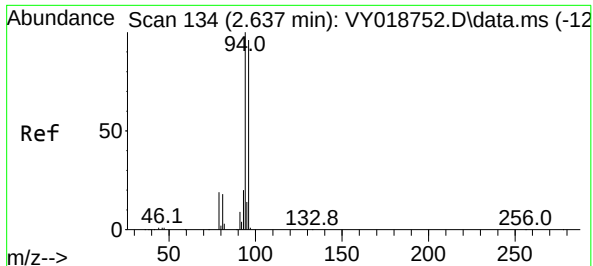
Tgt Ion: 50 Resp: 24970
Ion Ratio Lower Upper
50 100
52 31.5 25.6 38.4



#4
Vinyl Chloride
Concen: 17.663 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 62 Resp: 31142
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1

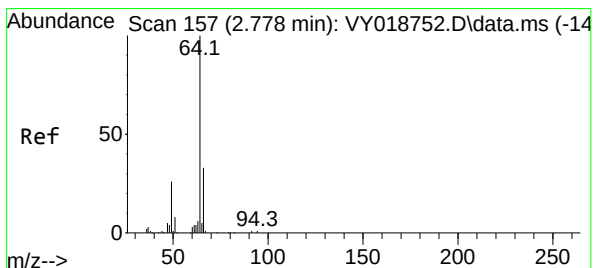
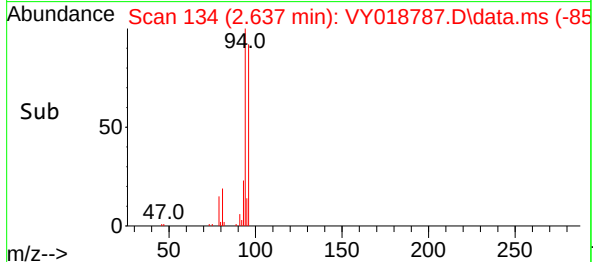
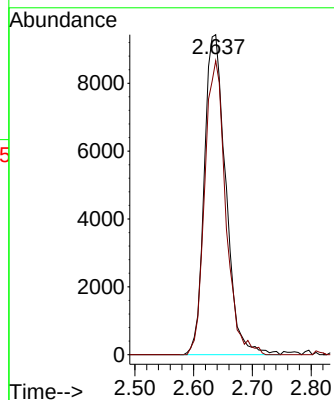
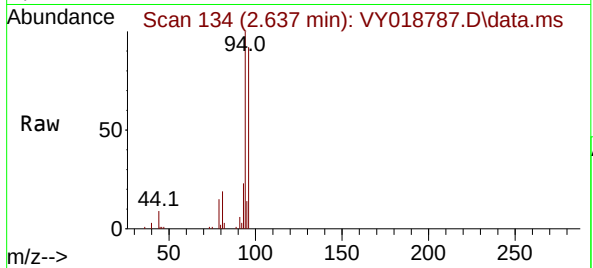




#5
Bromomethane
Concen: 19.743 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

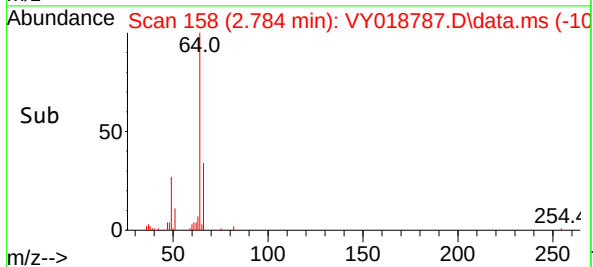
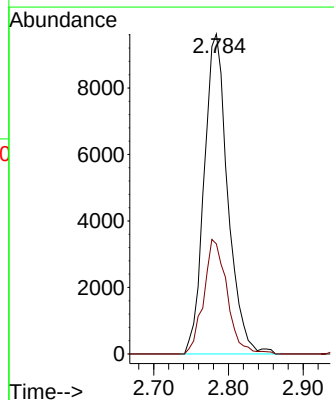
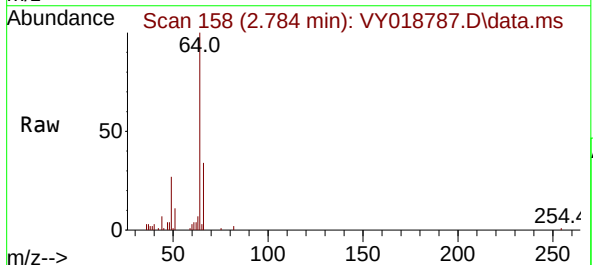
Instrument :
MSVOA_Y
ClientSampleId :

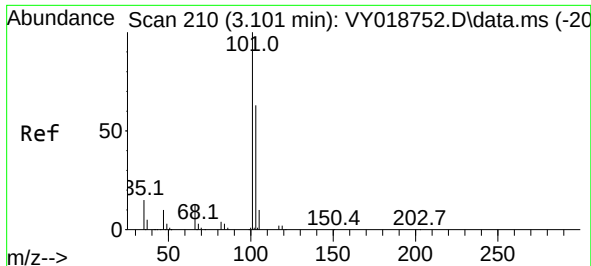
Tgt Ion: 94 Resp: 23944
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1



#6
Chloroethane
Concen: 18.470 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 64 Resp: 21156
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1

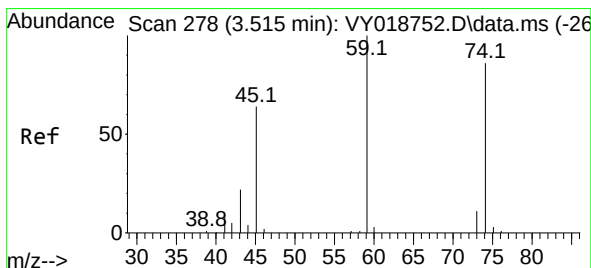
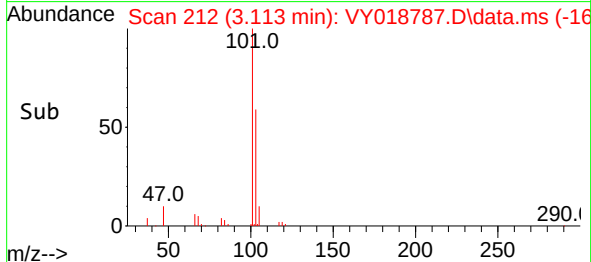
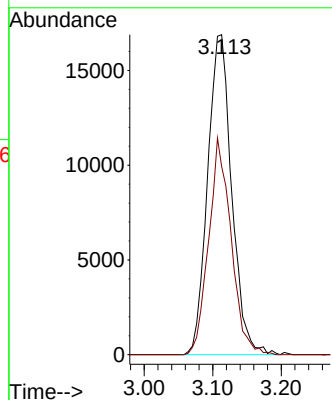
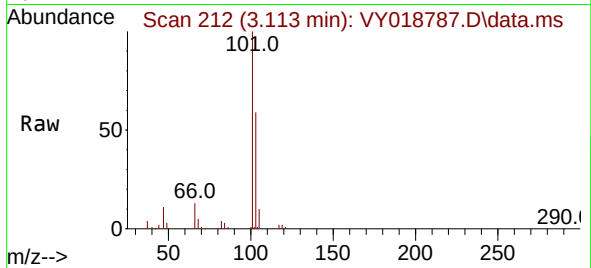




#7
 Trichlorofluoromethane
 Concen: 17.940 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

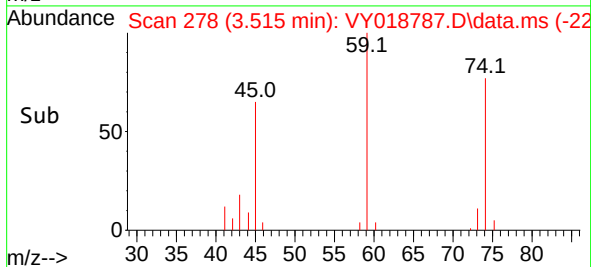
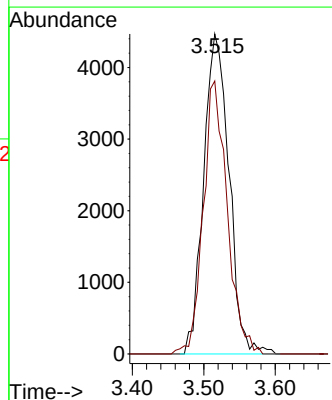
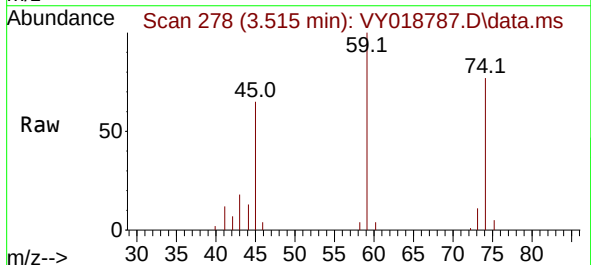
Instrument :
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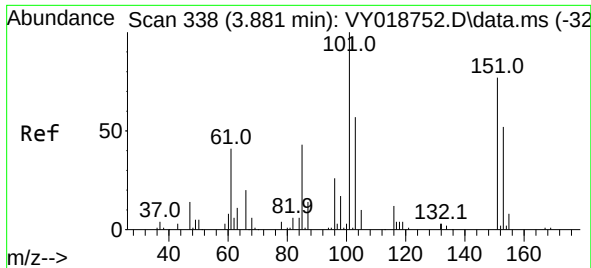
Tgt Ion:101 Resp: 41332
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.582 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

Tgt Ion: 74 Resp: 10996
 Ion Ratio Lower Upper
 74 100
 45 80.7 41.3 124.1

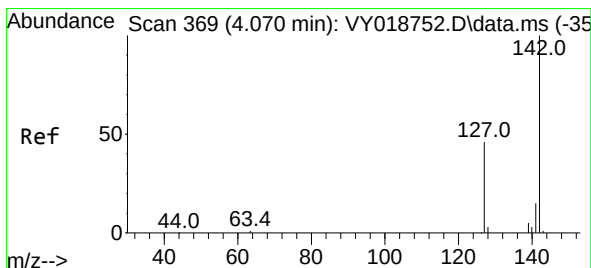
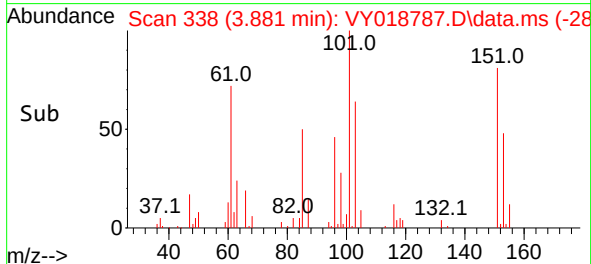
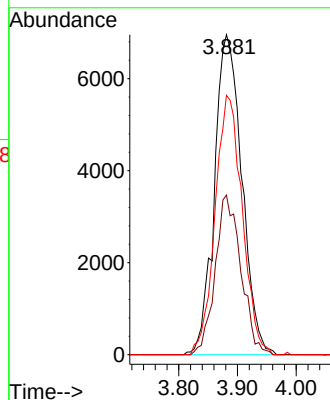
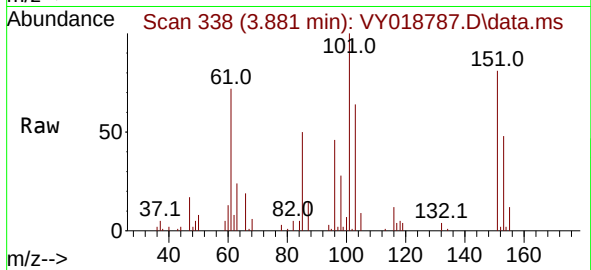




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.071 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

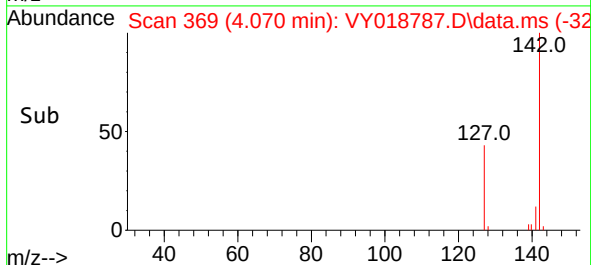
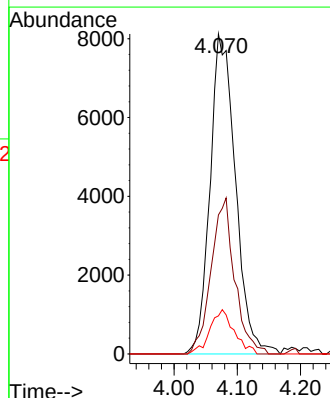
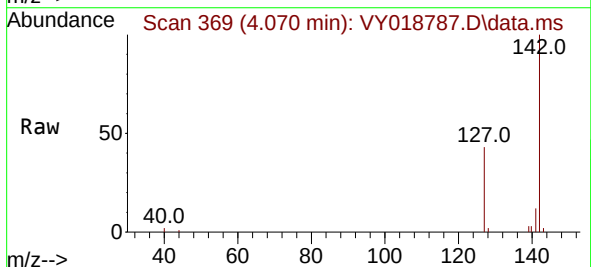
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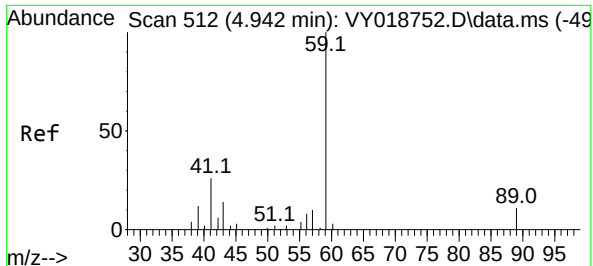
Tgt Ion:101 Resp: 22543
Ion Ratio Lower Upper
101 100
85 46.8 34.5 51.7
151 80.2 61.7 92.5



#10
Methyl Iodide
Concen: 17.776 ug/l
RT: 4.070 min Scan# 369
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:142 Resp: 22627
Ion Ratio Lower Upper
142 100
127 45.2 32.8 49.2
141 13.2 11.4 17.2

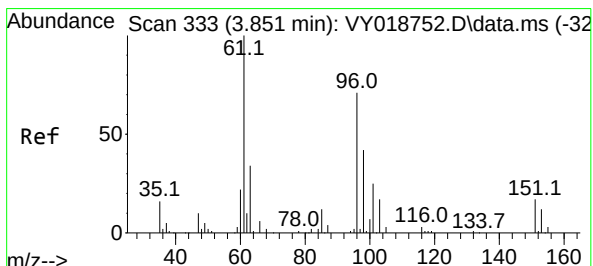
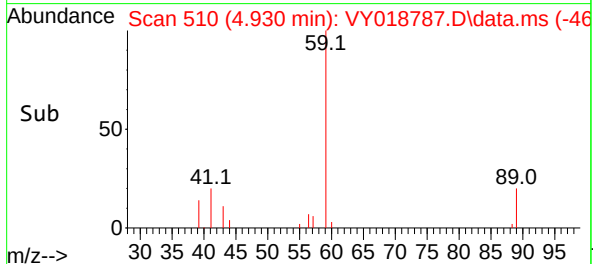
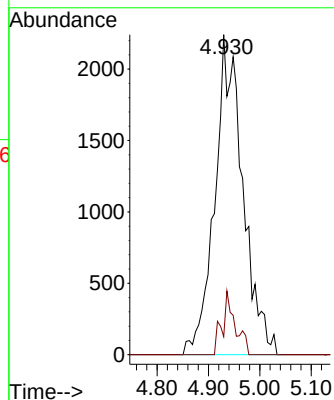
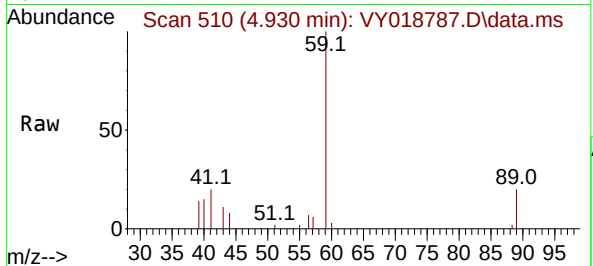




#11
Tert butyl alcohol
Concen: 71.677 ug/l
RT: 4.930 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

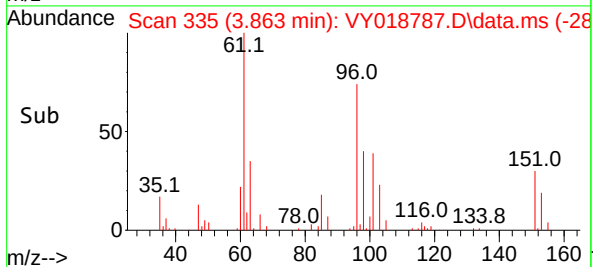
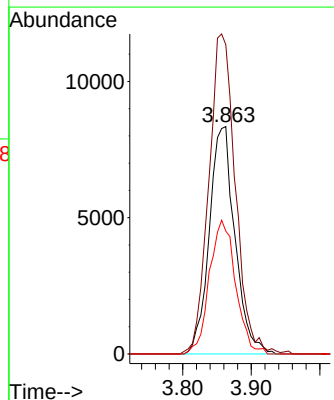
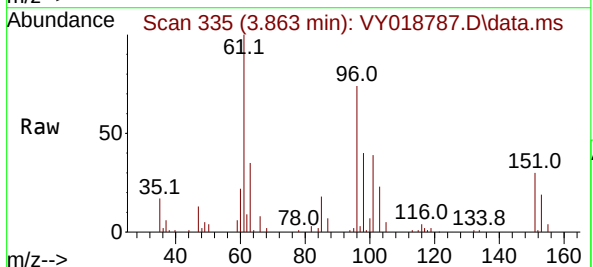
Instrument :
MSVOA_Y
ClientSampleId :

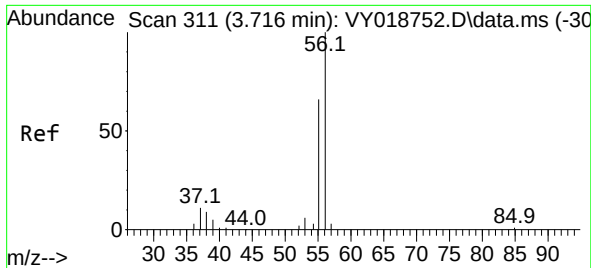
Tgt Ion: 59 Resp: 8457
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.997 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.012 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 96 Resp: 21724
Ion Ratio Lower Upper
96 100
61 136.0 114.6 171.8
98 54.1 50.8 76.2

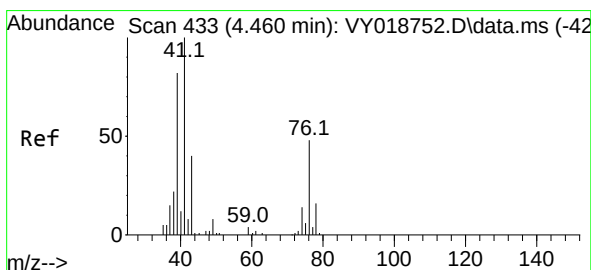
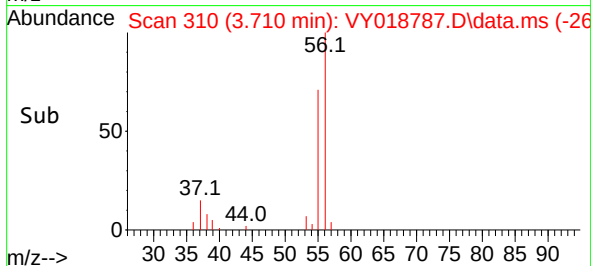
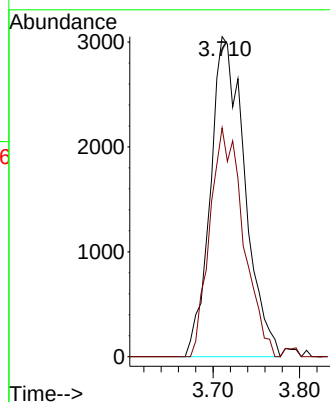
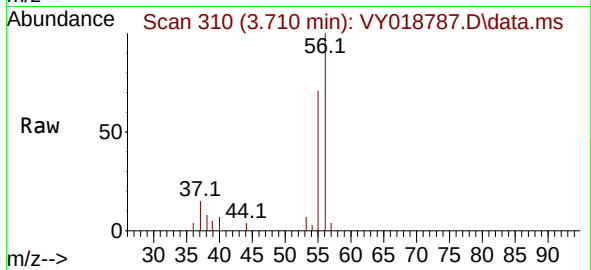




#13
Acrolein
Concen: 88.607 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

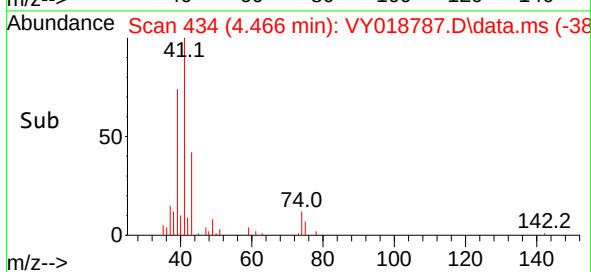
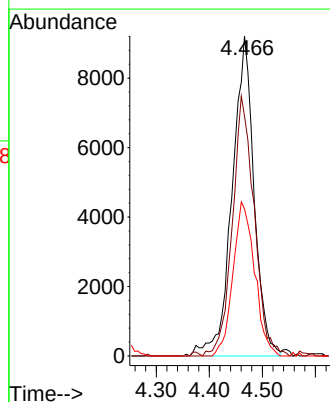
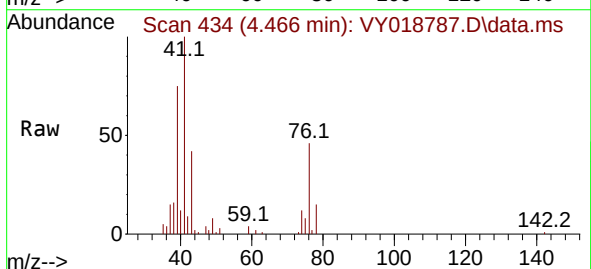
Instrument :
MSVOA_Y
ClientSampleId :

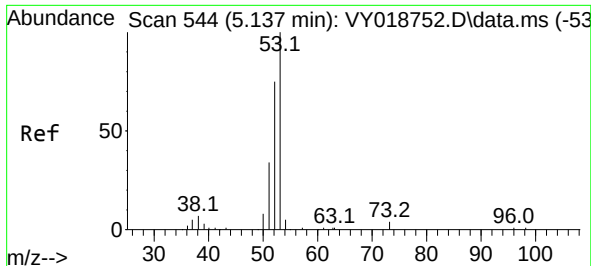
Tgt Ion: 56 Resp: 8376
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 18.699 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 41 Resp: 26491
Ion Ratio Lower Upper
41 100
39 80.8 58.3 87.5
76 47.5 39.0 58.6

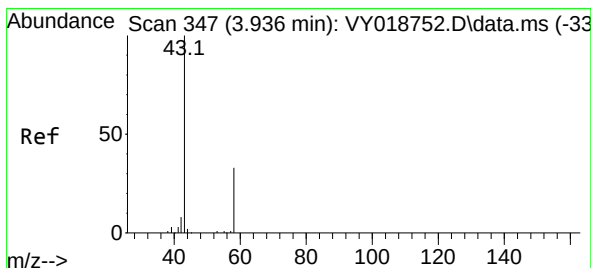
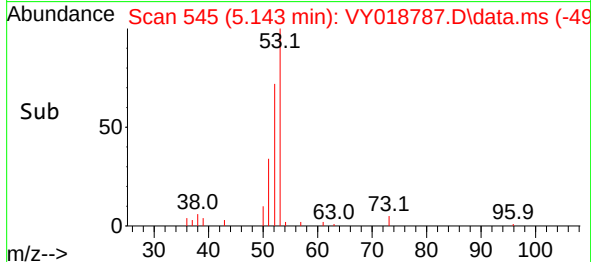
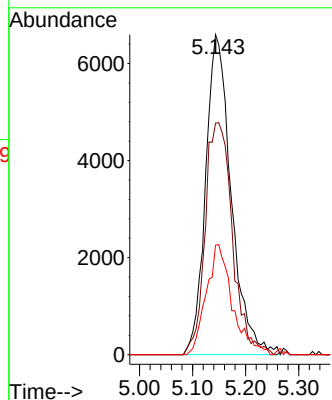
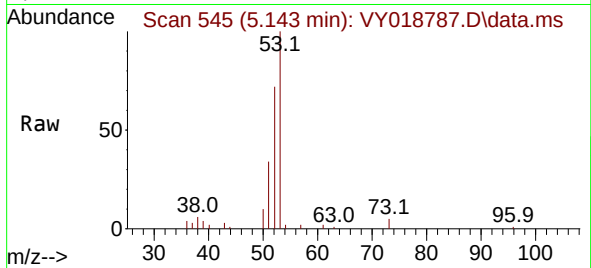




#15
Acrylonitrile
Concen: 99.953 ug/l
RT: 5.143 min Scan# 544
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

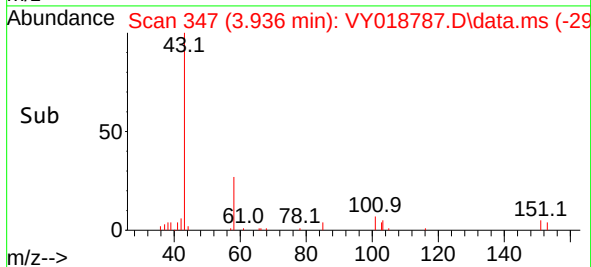
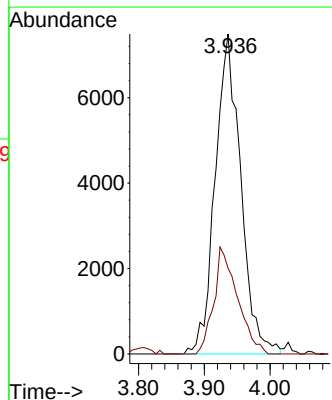
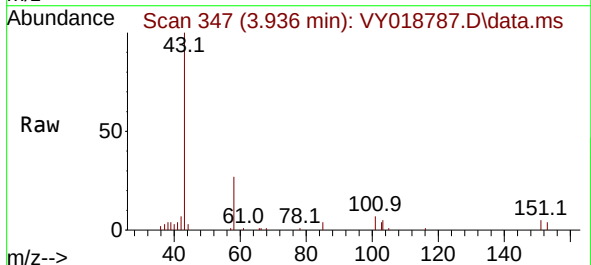
Instrument :
MSVOA_Y
ClientSampleId :

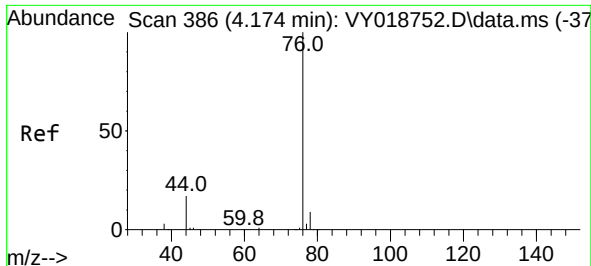
Tgt Ion: 53 Resp: 22142
Ion Ratio Lower Upper
53 100
52 77.0 64.7 97.1
51 35.1 28.4 42.6



#16
Acetone
Concen: 94.406 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 43 Resp: 20272
Ion Ratio Lower Upper
43 100
58 26.8 31.7 47.5#





#17

Carbon Disulfide

Concen: 17.404 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

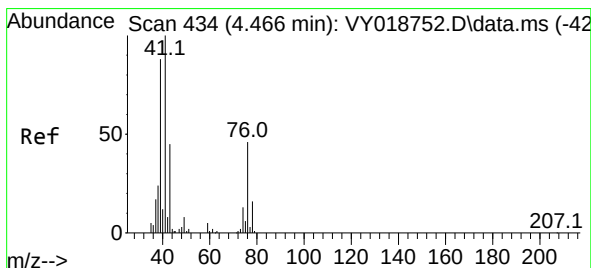
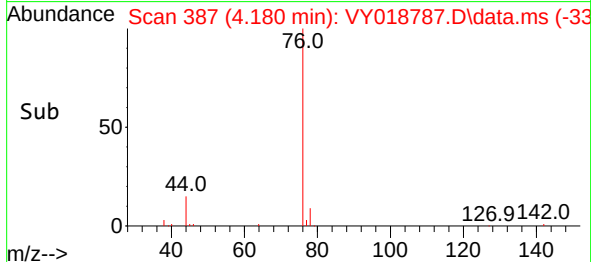
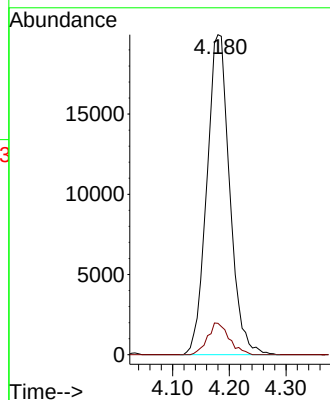
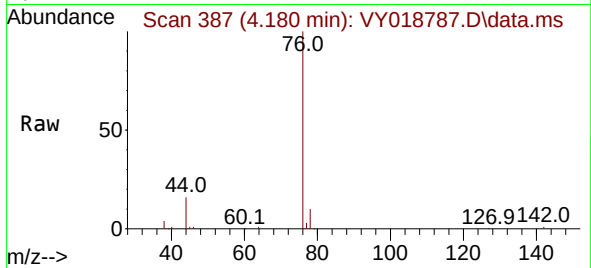
ClientSampleId :

Tgt Ion: 76 Resp: 55727

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 17.975 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018787.D

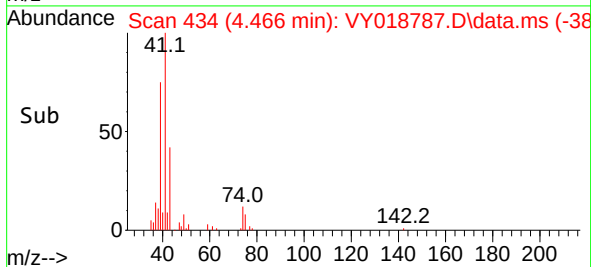
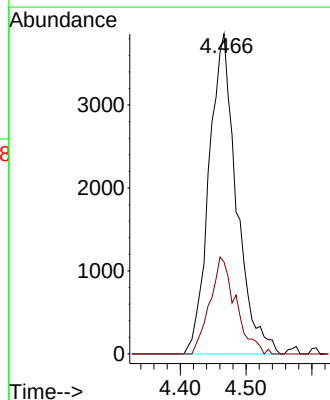
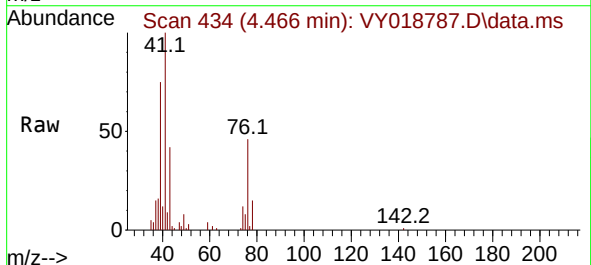
Acq: 12 Jul 2024 10:40

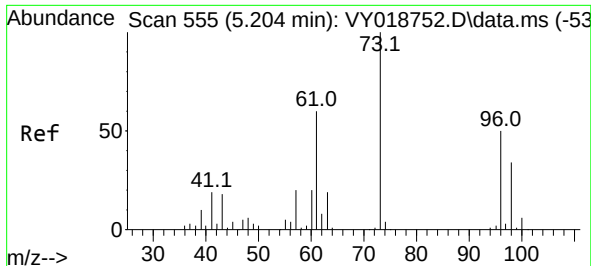
Tgt Ion: 43 Resp: 11215

Ion Ratio Lower Upper

43 100

74 28.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.344 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

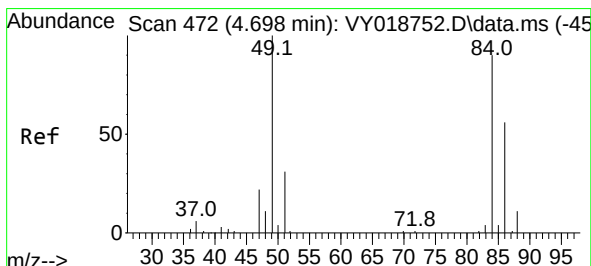
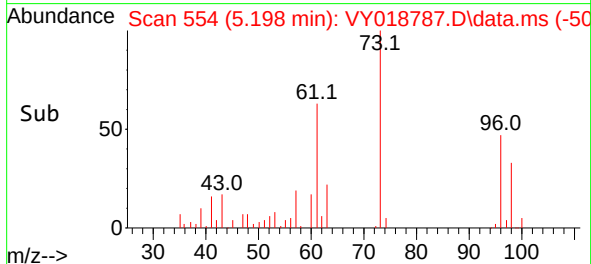
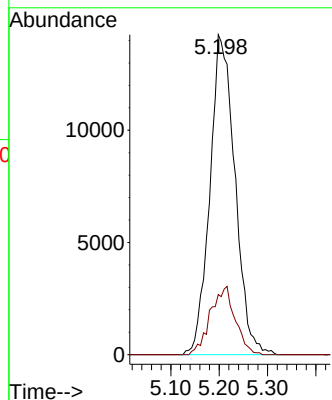
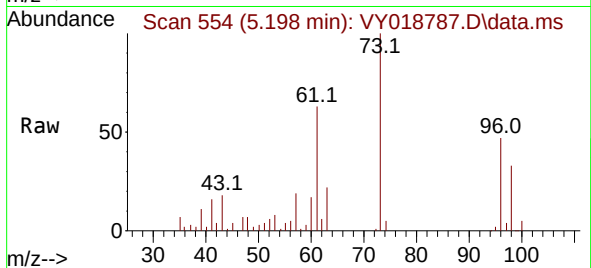
ClientSampleId :

Tgt Ion: 73 Resp: 51315

Ion Ratio Lower Upper

73 100

57 18.8 17.3 25.9



#20

Methylene Chloride

Concen: 23.449 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Tgt Ion: 84 Resp: 31721

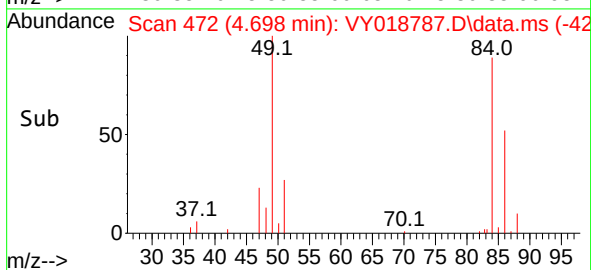
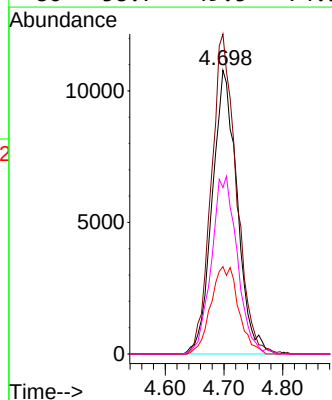
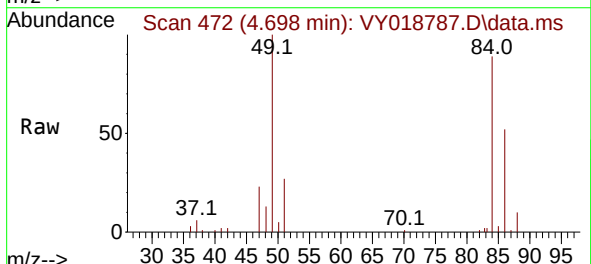
Ion Ratio Lower Upper

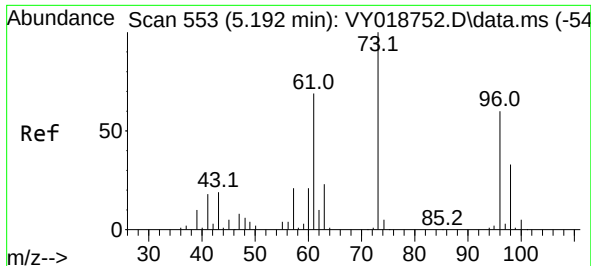
84 100

49 112.8 84.4 126.6

51 30.8 26.0 39.0

86 58.7 49.5 74.3

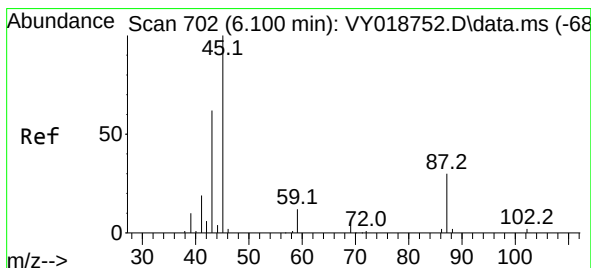
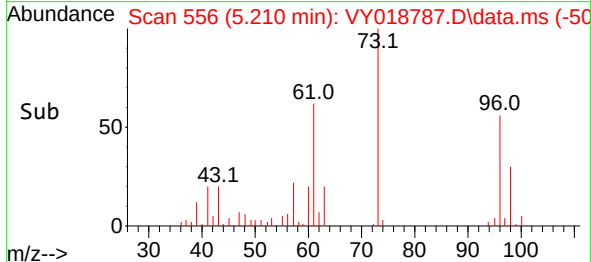
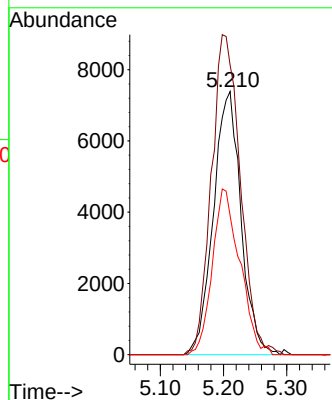
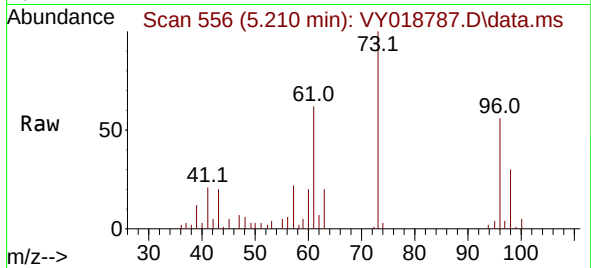




#21
trans-1,2-Dichloroethene
Concen: 18.543 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

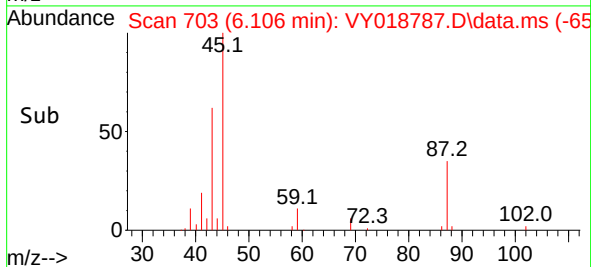
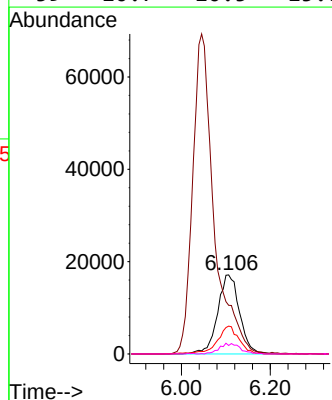
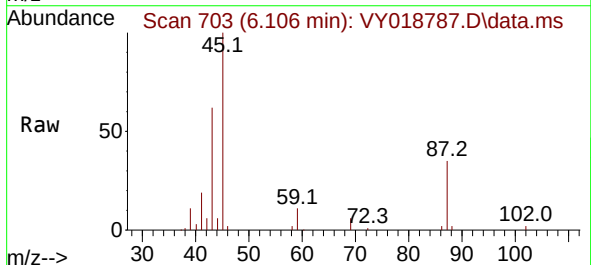
Instrument :
MSVOA_Y
ClientSampleId :

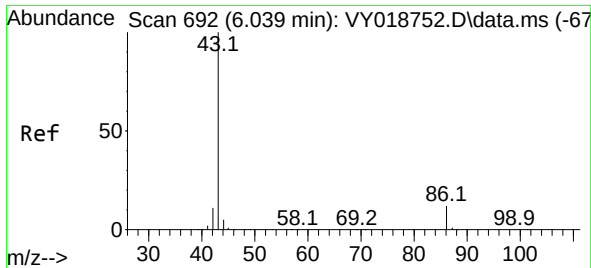
Tgt Ion: 96 Resp: 22380
Ion Ratio Lower Upper
96 100
61 110.0 97.5 146.3
98 52.8 50.5 75.7



#22
Diisopropyl ether
Concen: 18.951 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 45 Resp: 58401
Ion Ratio Lower Upper
45 100
43 61.1 42.2 63.2
87 35.2 25.0 37.6
59 10.7 10.5 15.7

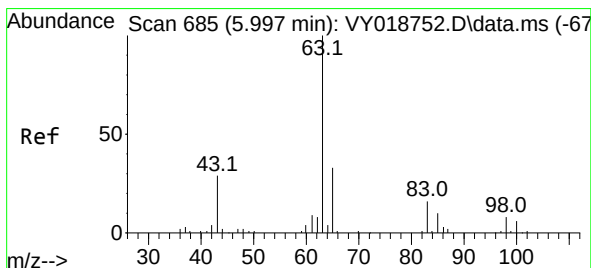
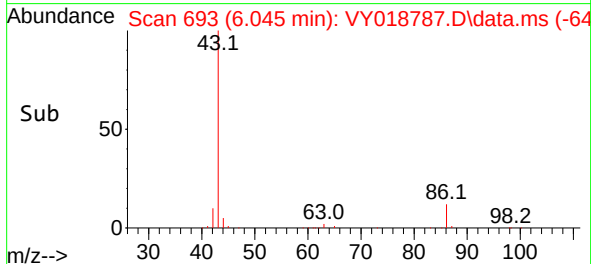
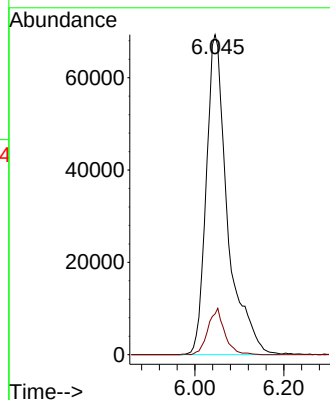
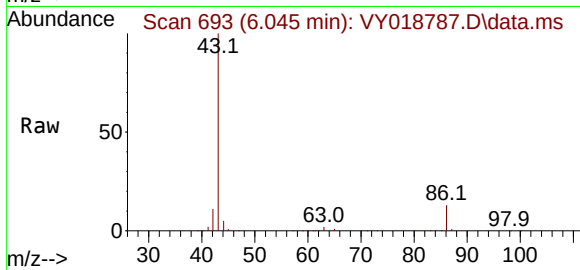




#23
 Vinyl Acetate
 Concen: 95.138 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

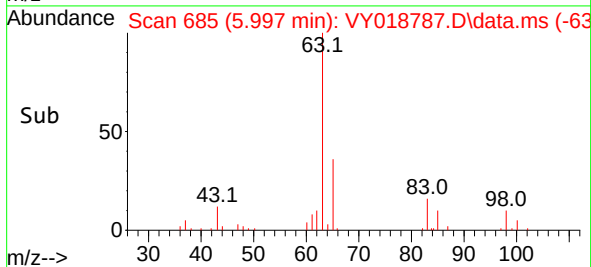
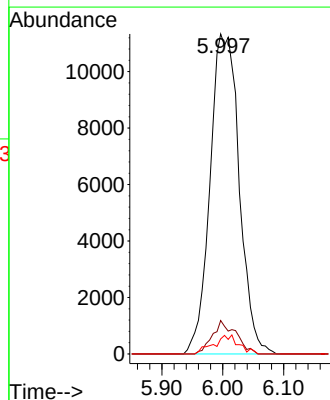
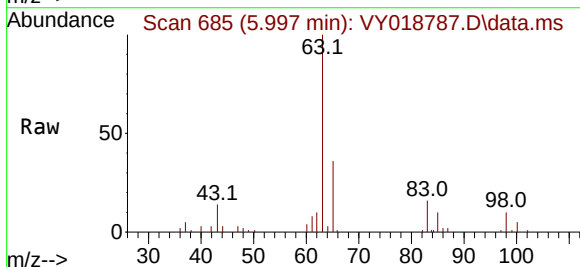
Instrument :
 MSVOA_Y
 ClientSampleId :

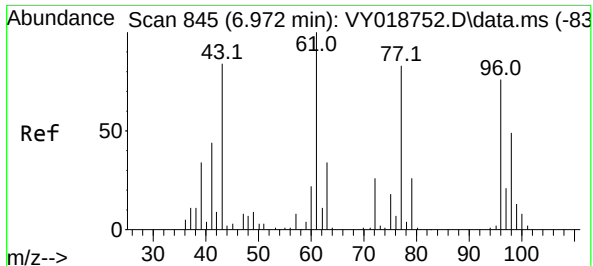
Tgt Ion: 43 Resp: 230980
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.140 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

Tgt Ion: 63 Resp: 37660
 Ion Ratio Lower Upper
 63 100
 98 10.4 4.0 12.2
 100 4.7 2.6 8.0

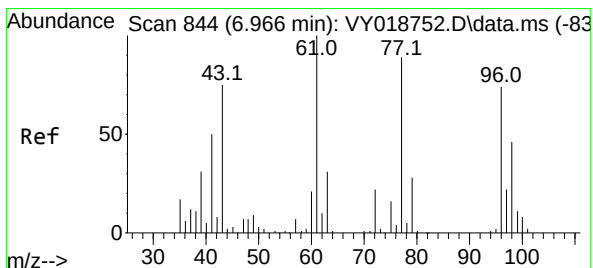
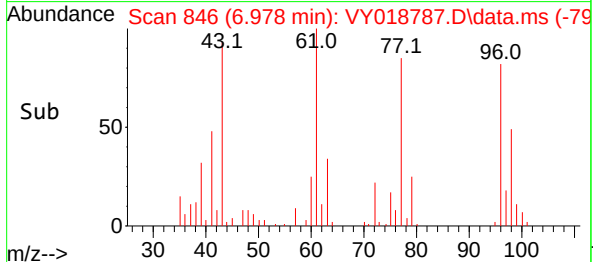
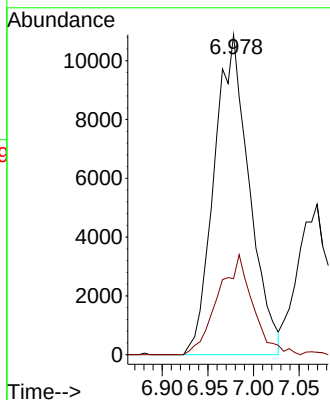
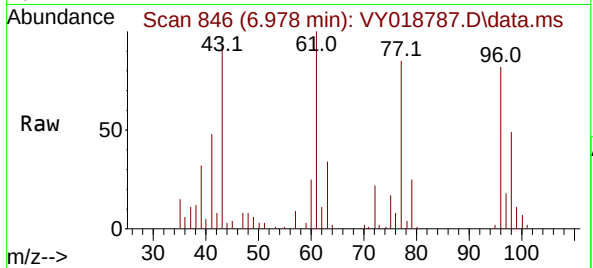




#25
2-Butanone
Concen: 96.593 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

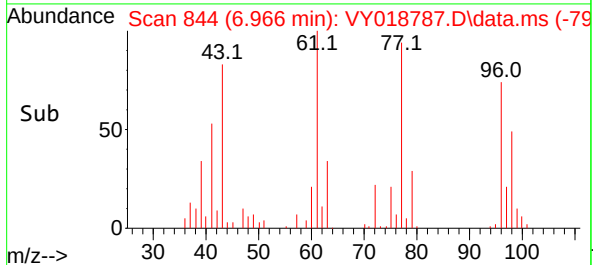
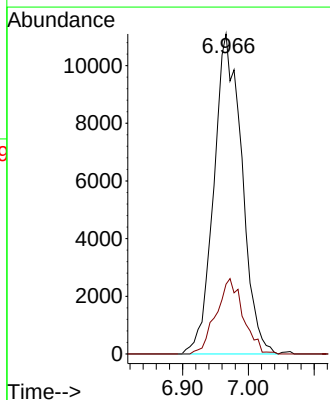
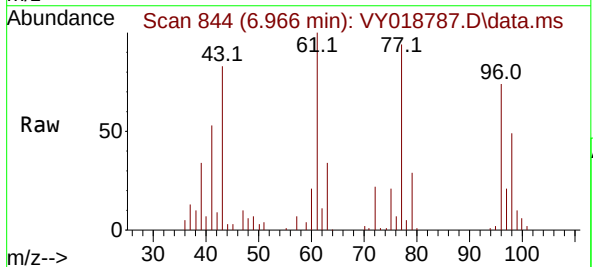
Instrument :
MSVOA_Y
ClientSampleId :

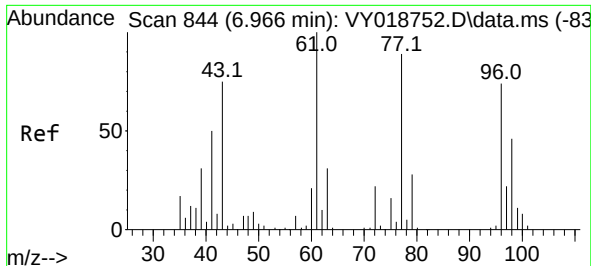
Tgt Ion: 43 Resp: 29074
Ion Ratio Lower Upper
43 100
72 23.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 18.014 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 77 Resp: 32886
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.1

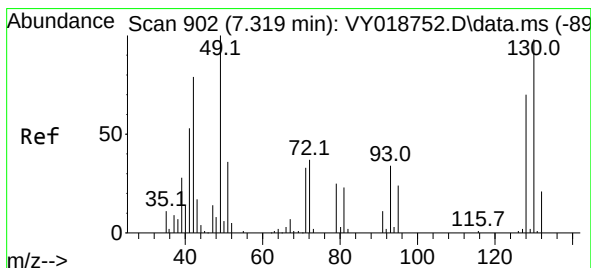
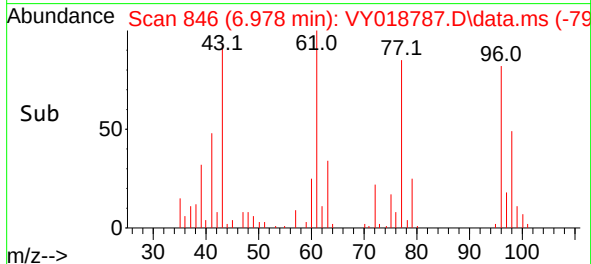
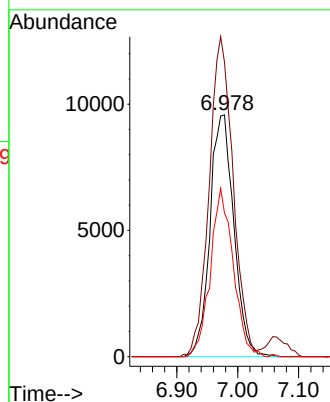
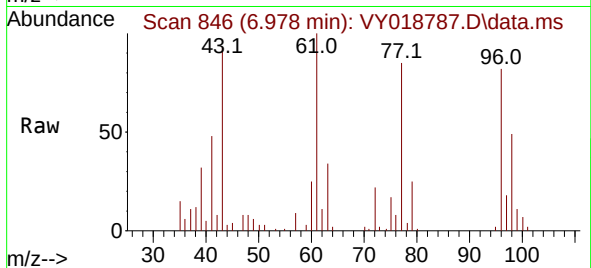




#27
 cis-1,2-Dichloroethene
 Concen: 18.544 ug/l
 RT: 6.978 min Scan# 844
 Delta R.T. 0.012 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

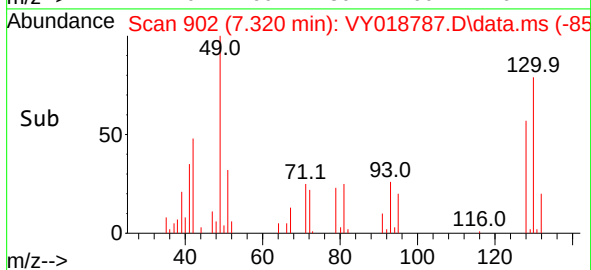
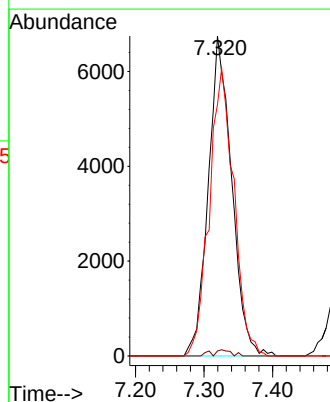
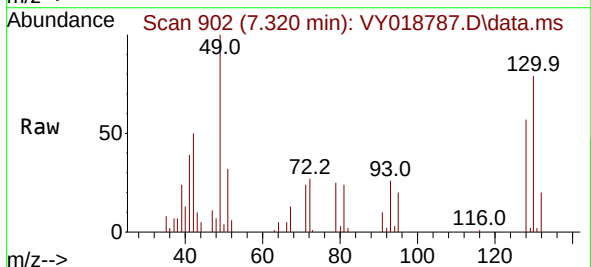
Instrument :
 MSVOA_Y
 ClientSampleId :

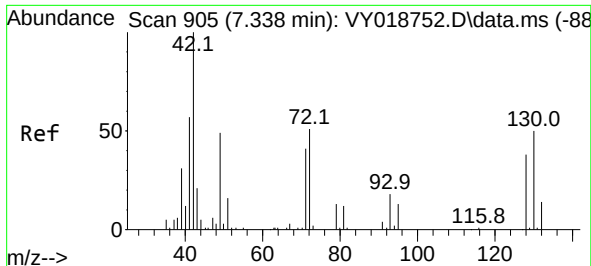
Tgt Ion: 96 Resp: 26057
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 256.2
 98 66.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.258 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VY018787.D
 Acq: 12 Jul 2024 10:40

Tgt Ion: 49 Resp: 16009
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 94.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.527 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

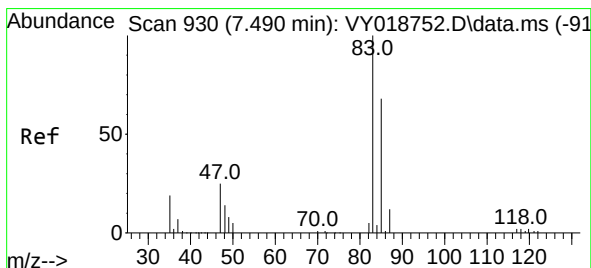
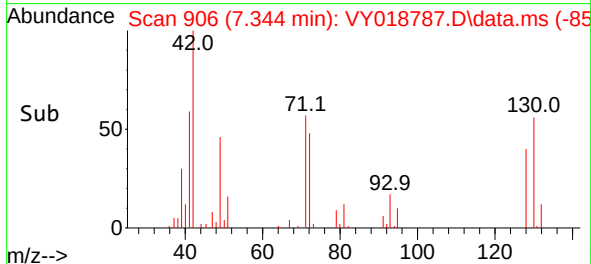
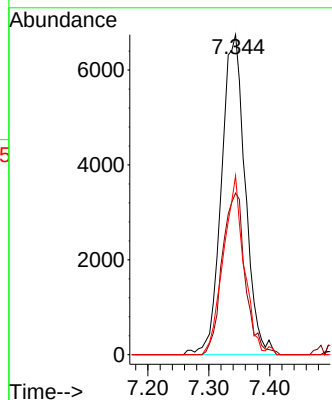
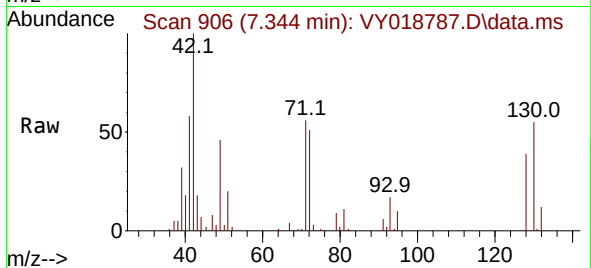
Tgt Ion: 42 Resp: 18181

Ion Ratio Lower Upper

42 100

72 49.1 43.0 64.4

71 48.7 40.8 61.2



#30

Chloroform

Concen: 19.522 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018787.D

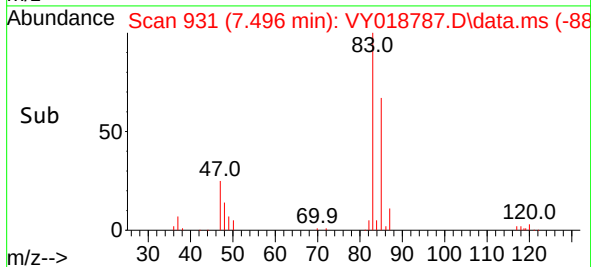
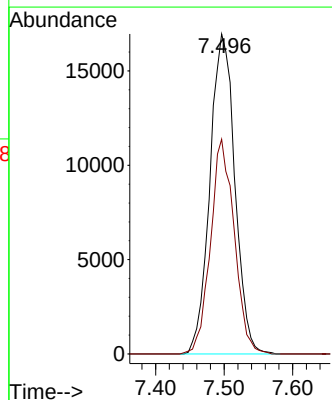
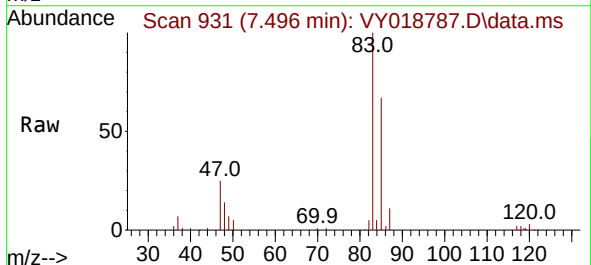
Acq: 12 Jul 2024 10:40

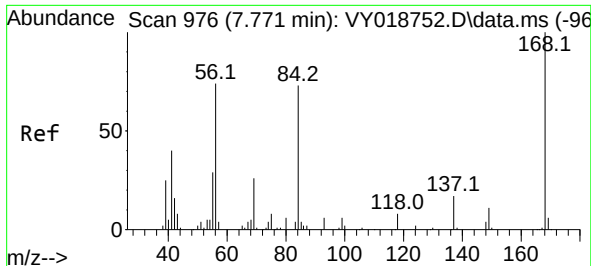
Tgt Ion: 83 Resp: 42809

Ion Ratio Lower Upper

83 100

85 67.1 52.2 78.4

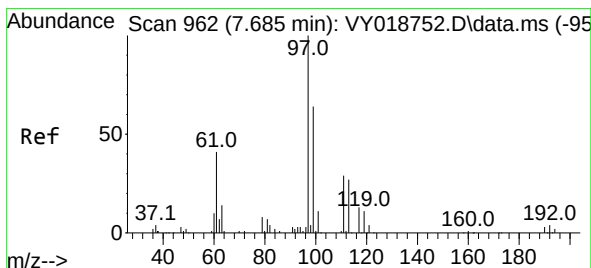
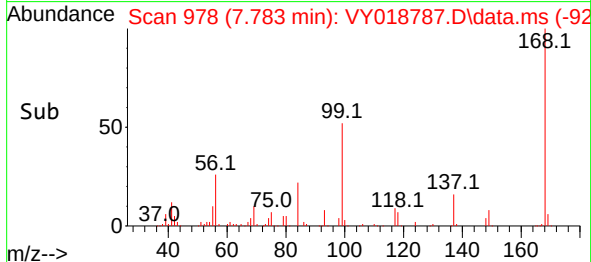
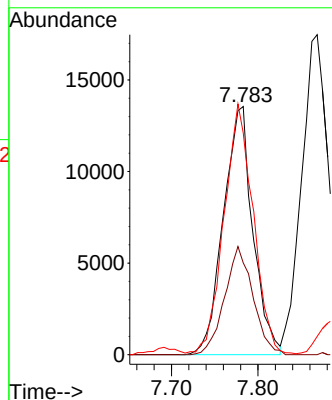
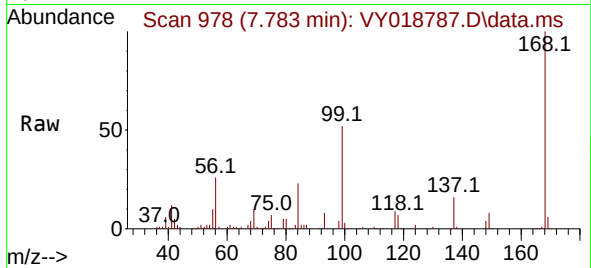




#31
Cyclohexane
Concen: 17.921 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

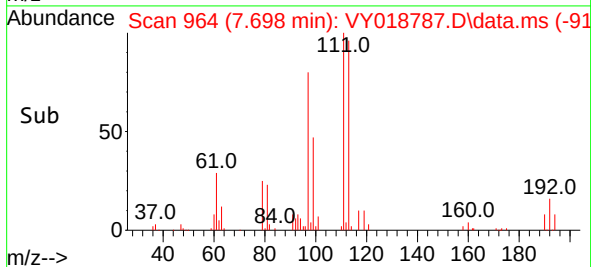
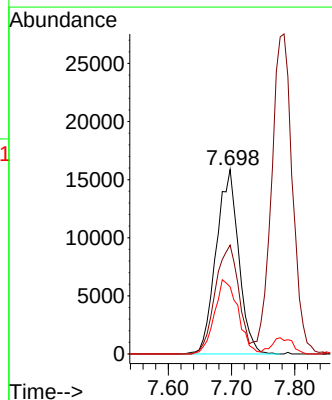
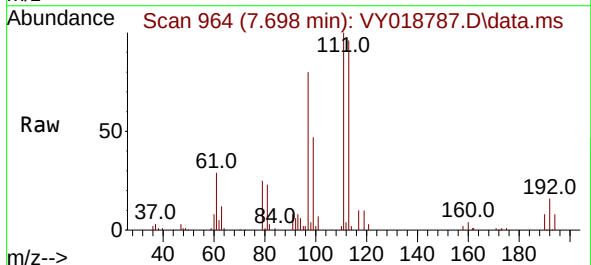
Instrument :
MSVOA_Y
ClientSampleId :

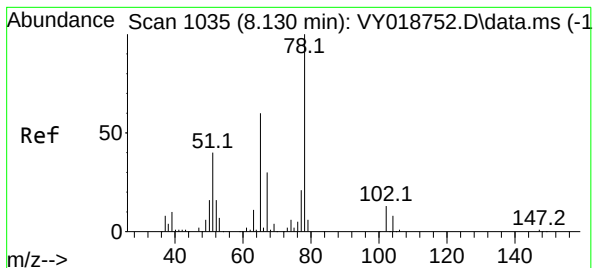
Tgt Ion: 56 Resp: 32068
Ion Ratio Lower Upper
56 100
69 37.0 28.7 43.1
84 88.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.216 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.013 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 97 Resp: 39183
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

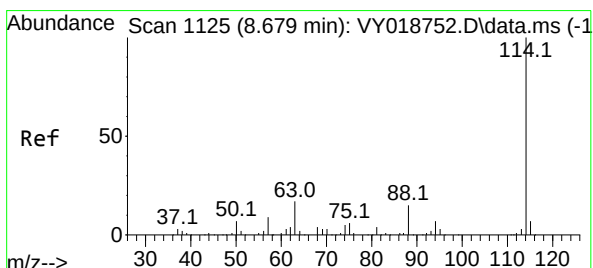
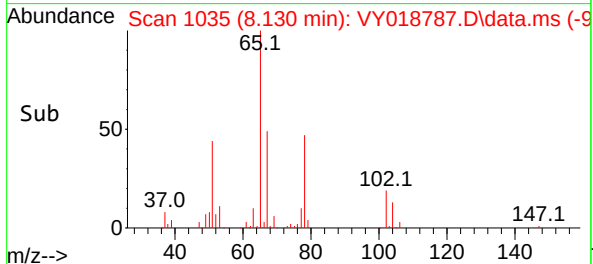
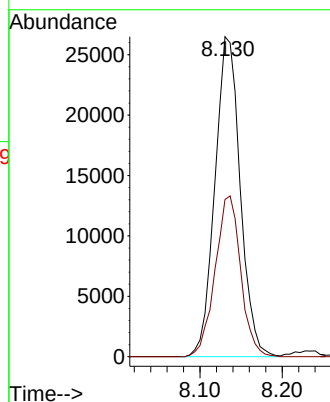
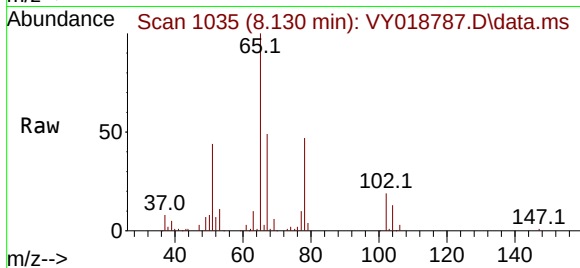
ClientSampleId :

Tgt Ion: 65 Resp: 56664

Ion Ratio Lower Upper

65 100

67 50.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

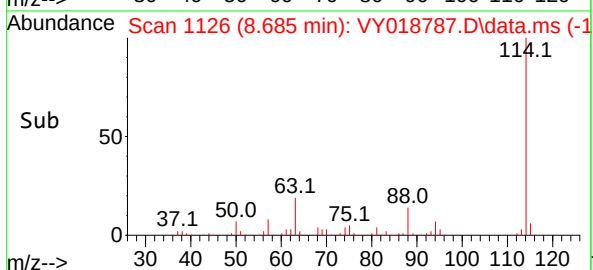
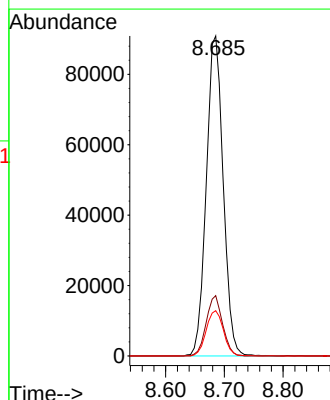
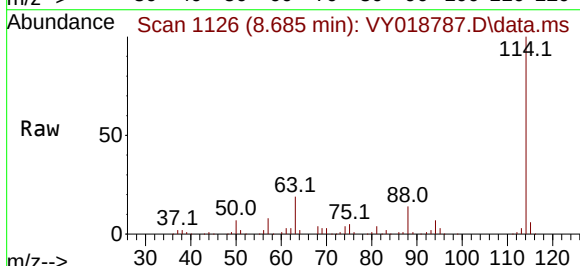
Tgt Ion: 114 Resp: 181755

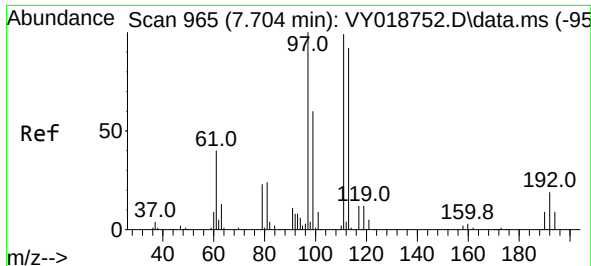
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.1 0.0 27.2

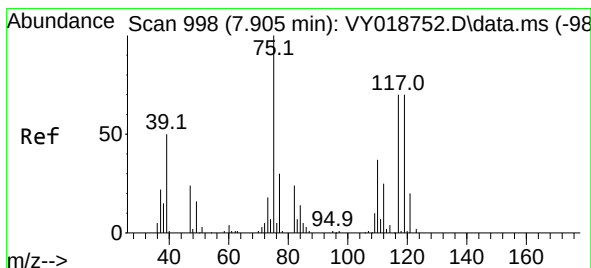
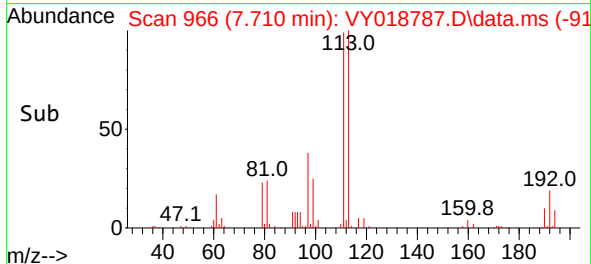
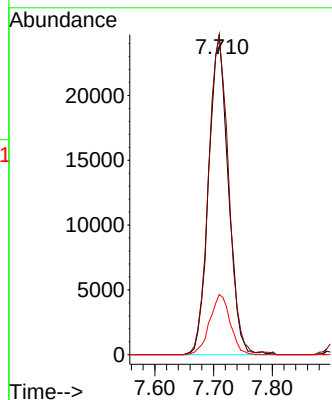
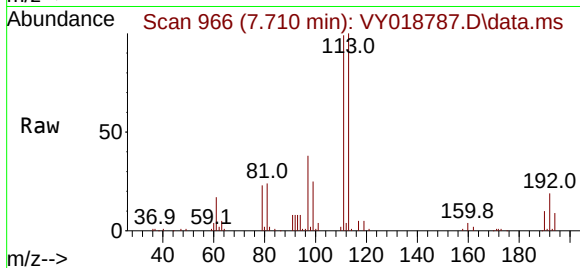




#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

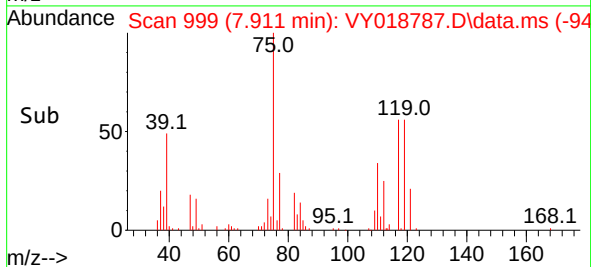
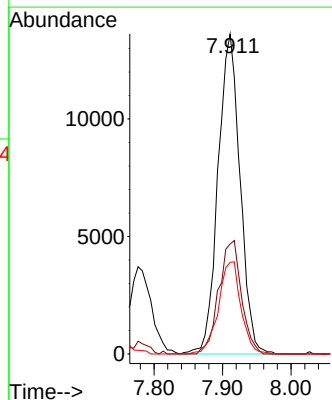
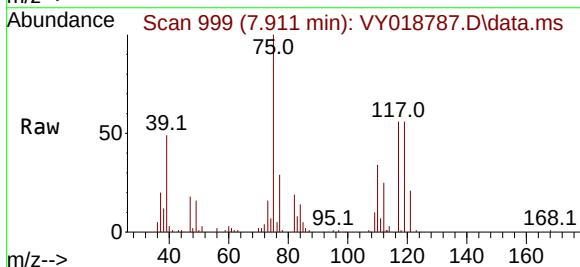
Instrument :
MSVOA_Y
ClientSampleId :

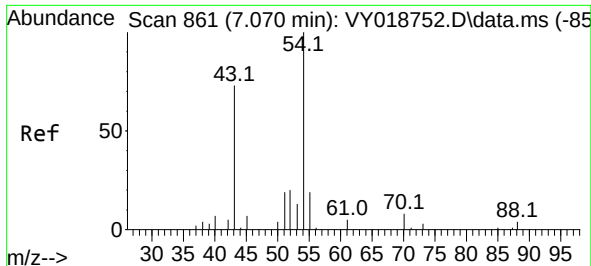
Tgt Ion:113 Resp: 57173
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.350 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 75 Resp: 30398
Ion Ratio Lower Upper
75 100
110 36.3 19.0 57.0
77 29.5 25.3 37.9

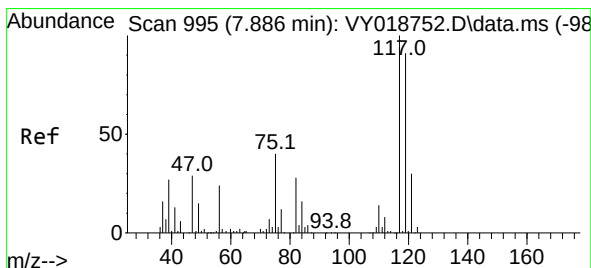
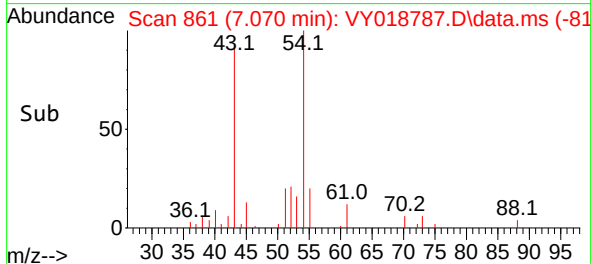
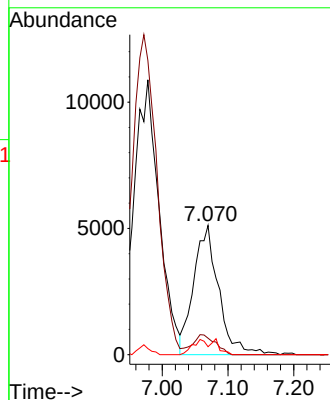
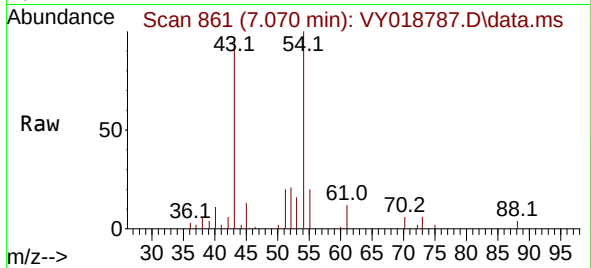




#37
Ethyl Acetate
Concen: 20.691 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

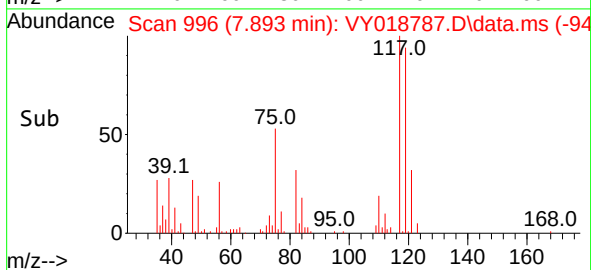
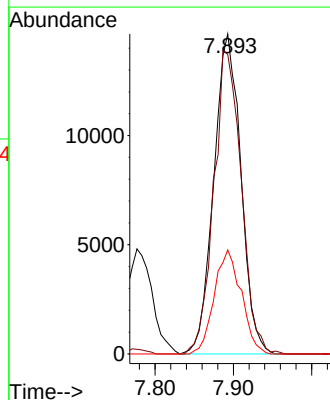
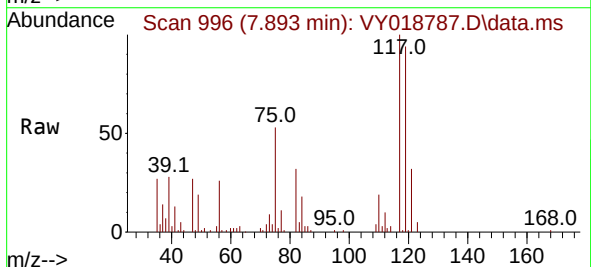
Instrument :
MSVOA_Y
ClientSampleId :

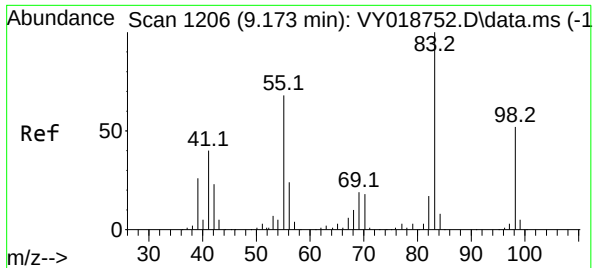
Tgt Ion: 43 Resp: 13511
Ion Ratio Lower Upper
43 100
61 13.7 12.6 19.0
70 6.7 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 18.627 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 117 Resp: 35244
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.6
121 32.5 24.0 36.0

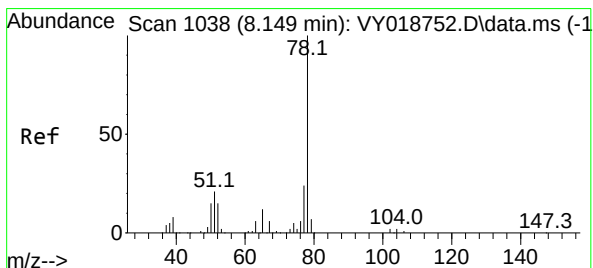
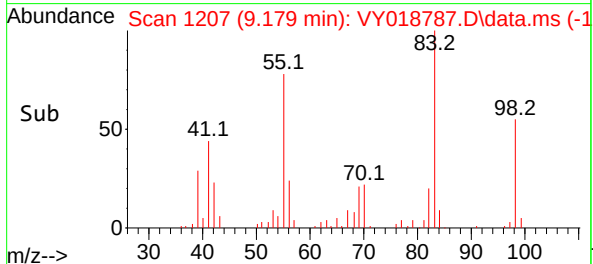
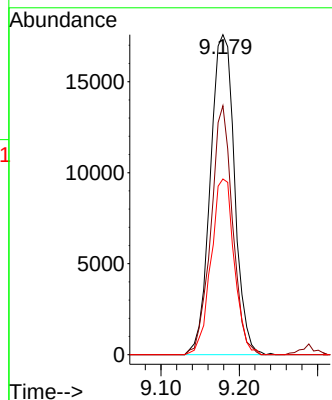
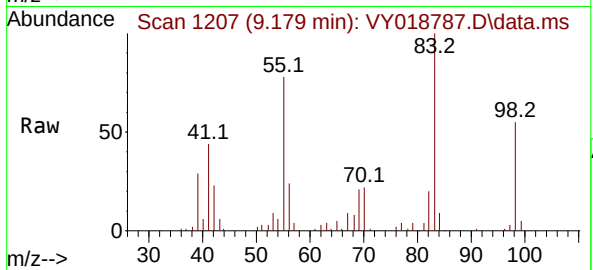




#39
Methylcyclohexane
Concen: 18.732 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

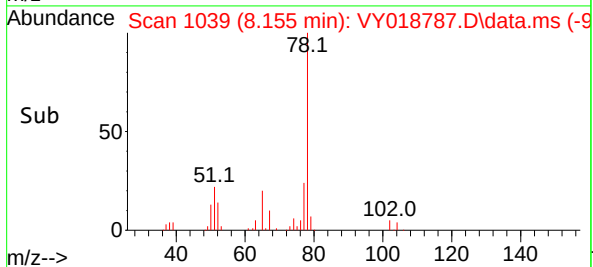
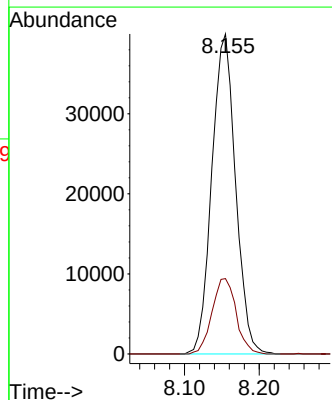
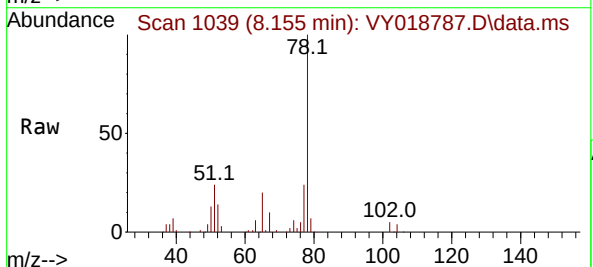
Instrument :
MSVOA_Y
ClientSampleId :

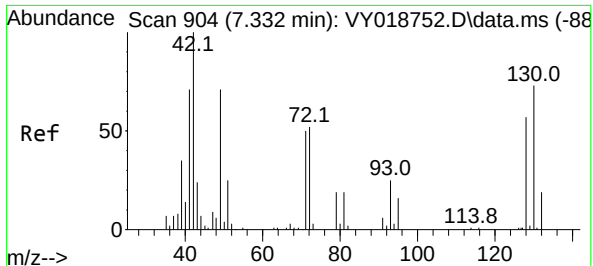
Tgt Ion: 83 Resp: 37712
Ion Ratio Lower Upper
83 100
55 77.8 51.5 77.3#
98 54.9 40.5 60.7



#40
Benzene
Concen: 19.339 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 78 Resp: 88134
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

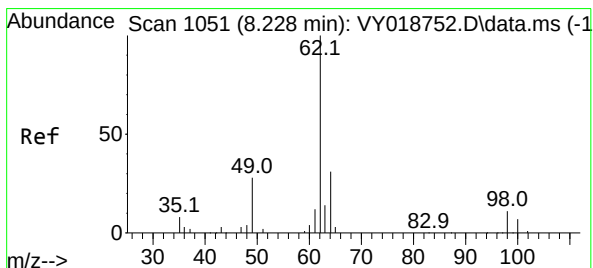
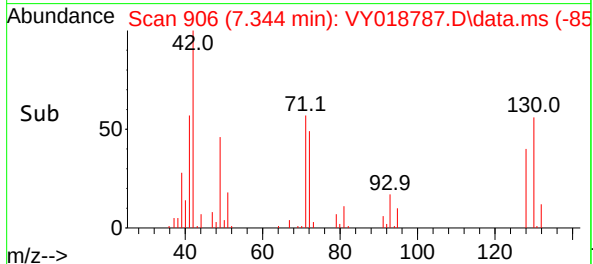
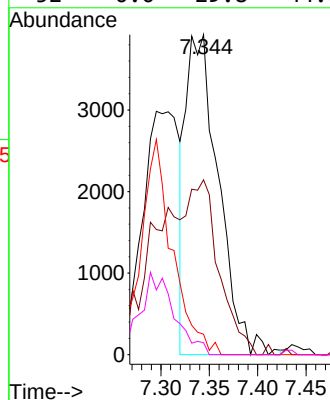
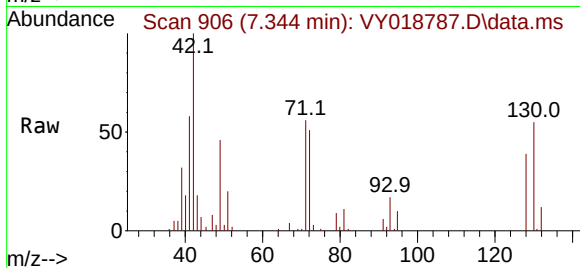




#41
Methacrylonitrile
Concen: 24.661 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

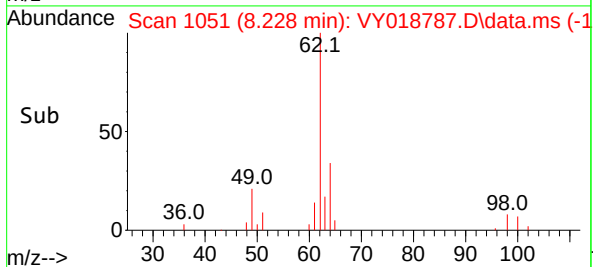
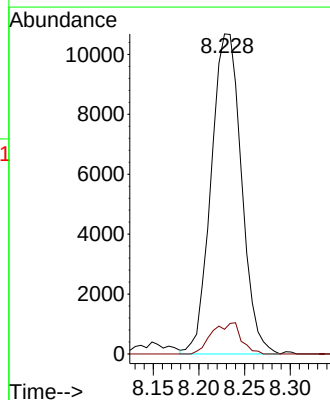
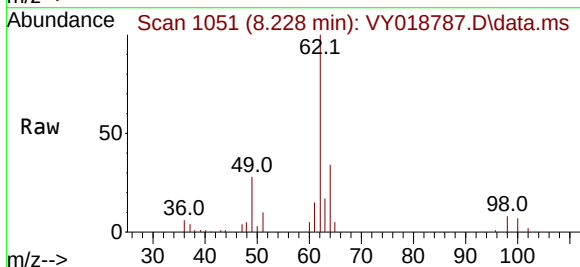
Instrument :
MSVOA_Y
ClientSampleId :

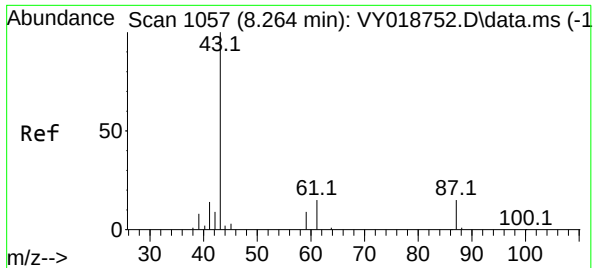
Tgt Ion: 41 Resp: 9181
Ion Ratio Lower Upper
41 100
39 47.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.331 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 62 Resp: 24666
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

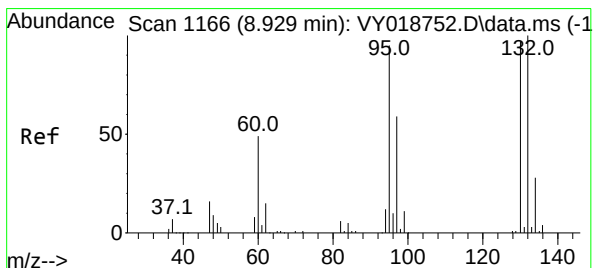
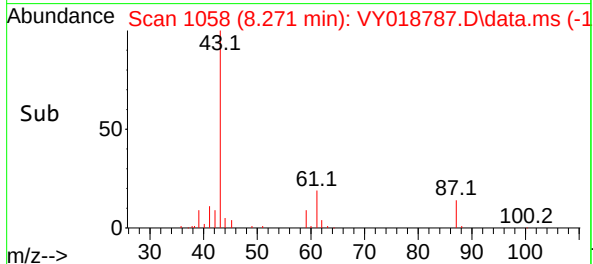
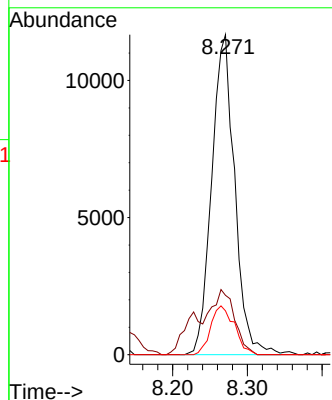
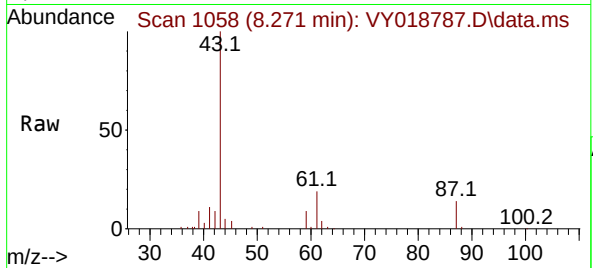




#43
Isopropyl Acetate
Concen: 19.202 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

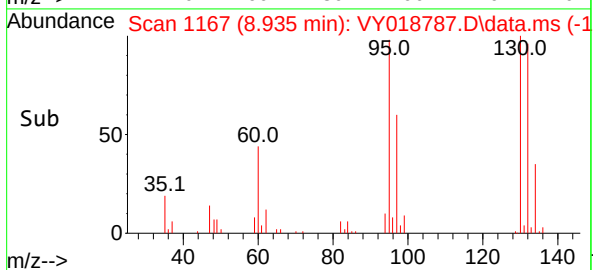
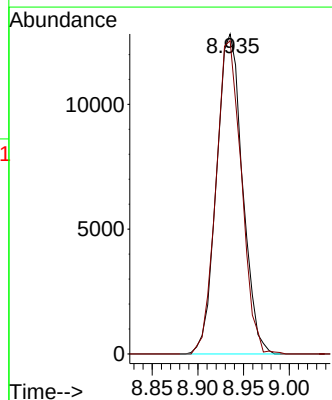
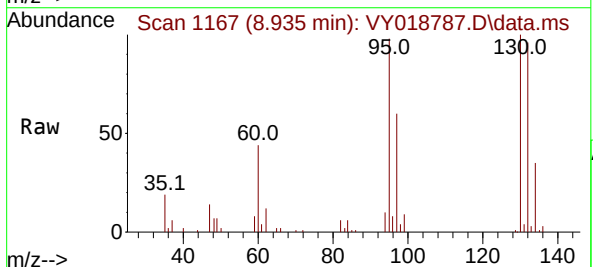
Instrument :
MSVOA_Y
ClientSampleId :

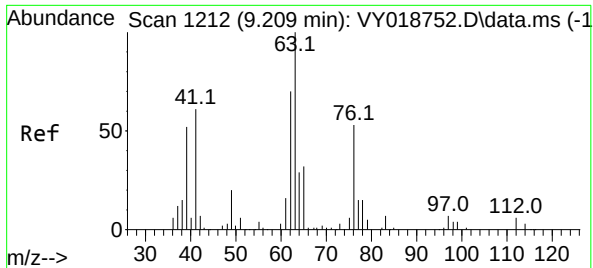
Tgt Ion: 43 Resp: 24950
Ion Ratio Lower Upper
43 100
61 21.3 27.9 41.9#
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 19.453 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:130 Resp: 25341
Ion Ratio Lower Upper
130 100
95 97.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.394 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

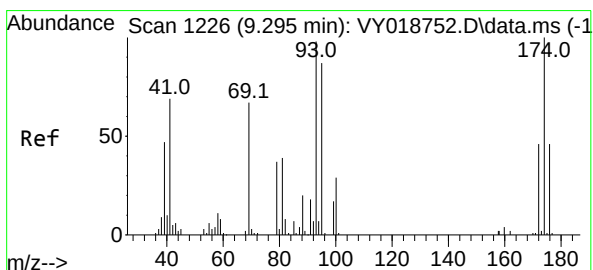
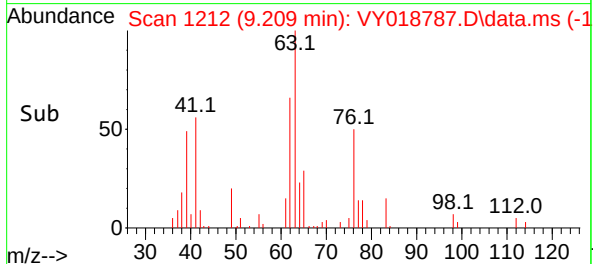
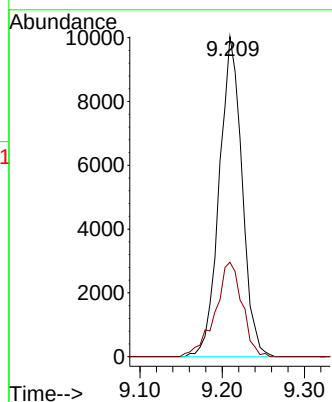
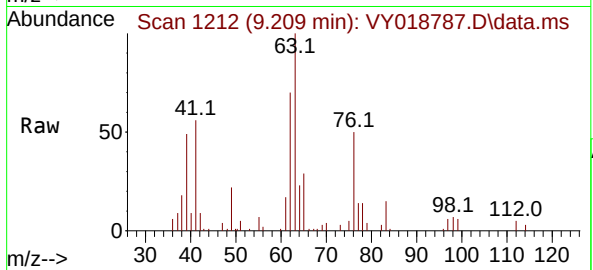
ClientSampleId :

Tgt Ion: 63 Resp: 19247

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 19.762 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

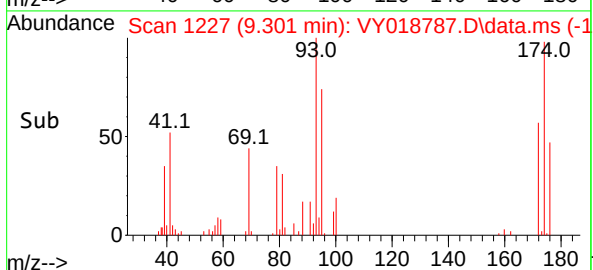
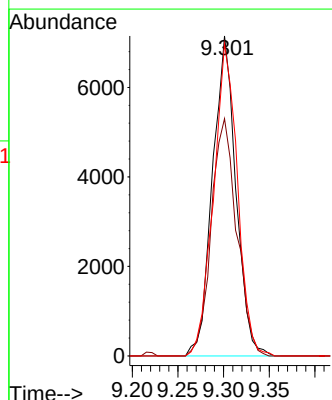
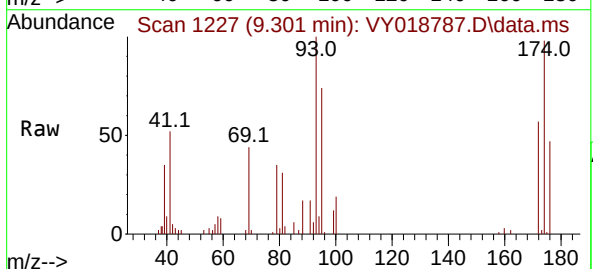
Tgt Ion: 93 Resp: 12712

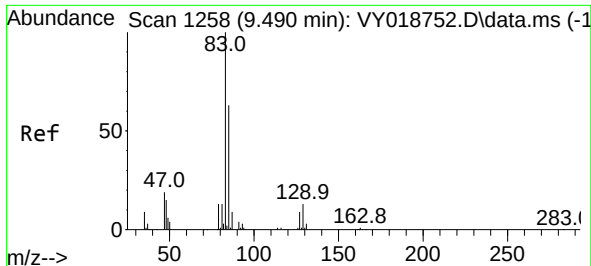
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 100.0 80.9 121.3

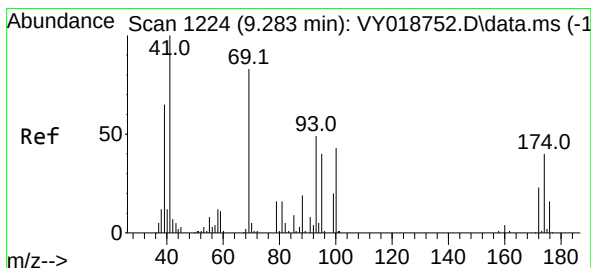
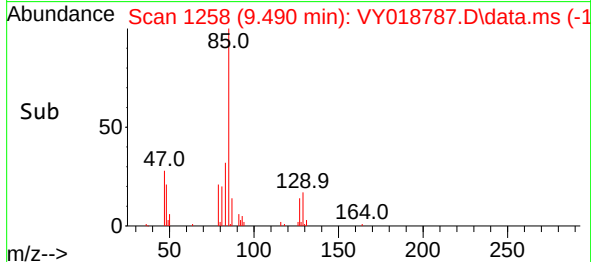
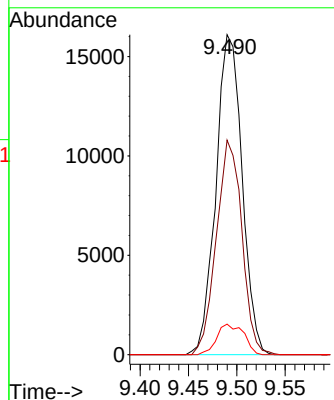
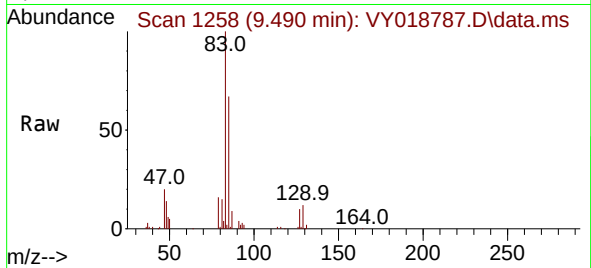




#47
Bromodichloromethane
Concen: 18.870 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

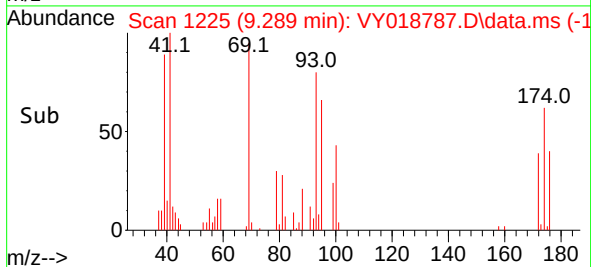
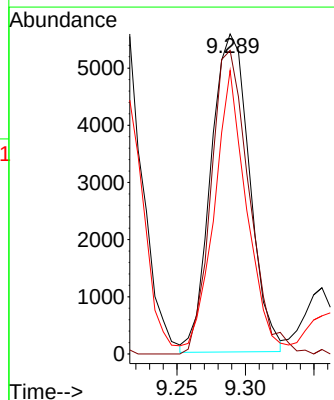
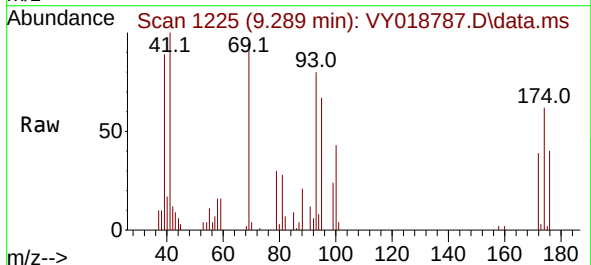
Instrument :
MSVOA_Y
ClientSampleId :

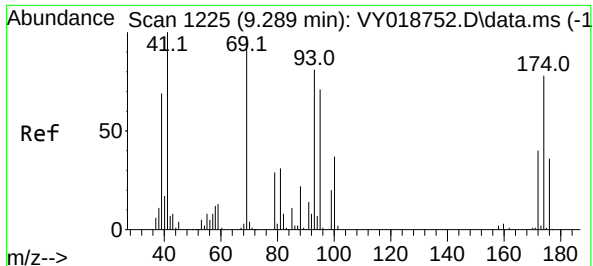
Tgt Ion: 83 Resp: 30324
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 9.6 7.4 11.0



#48
Methyl methacrylate
Concen: 18.497 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 41 Resp: 10924
Ion Ratio Lower Upper
41 100
69 93.9 84.1 126.1
39 71.1 43.6 65.4#





#49

1,4-Dioxane

Concen: 403.158 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

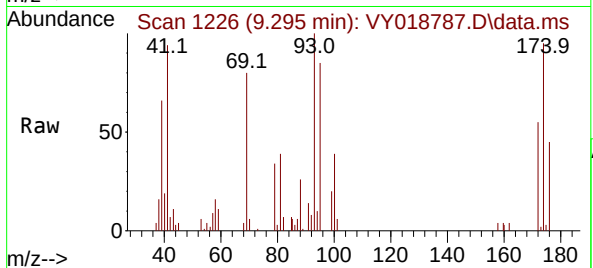
Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :



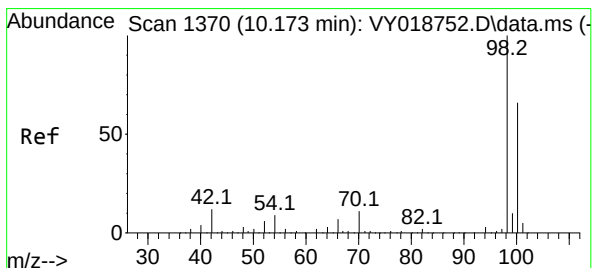
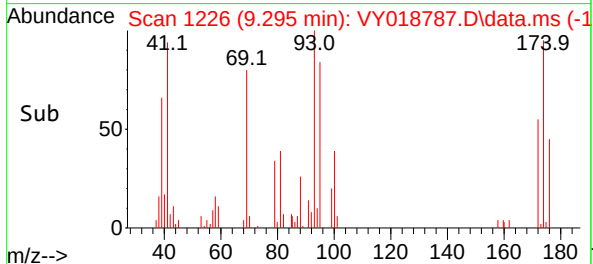
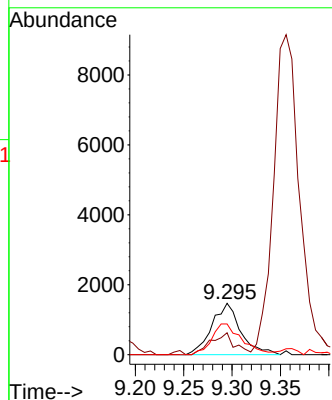
Tgt Ion: 88 Resp: 3040

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 61.5 49.3 73.9



#50

Toluene-d8

Concen: 48.949 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018787.D

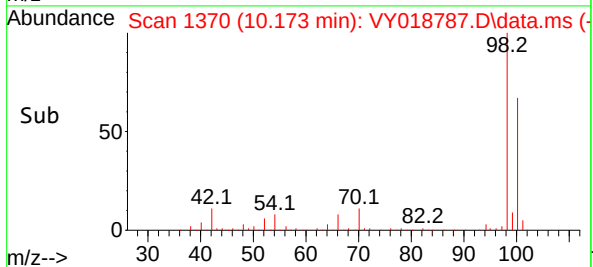
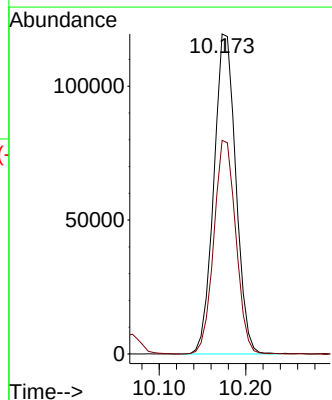
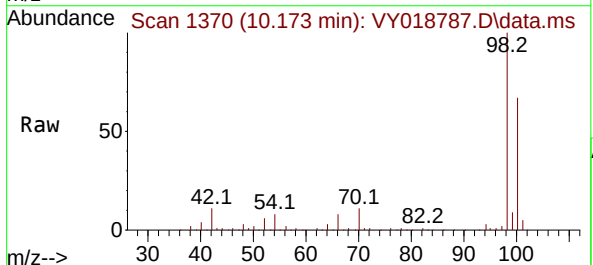
Acq: 12 Jul 2024 10:40

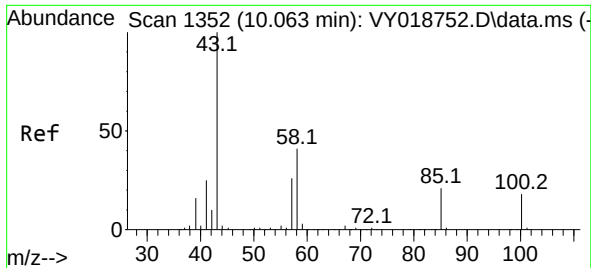
Tgt Ion: 98 Resp: 211110

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0

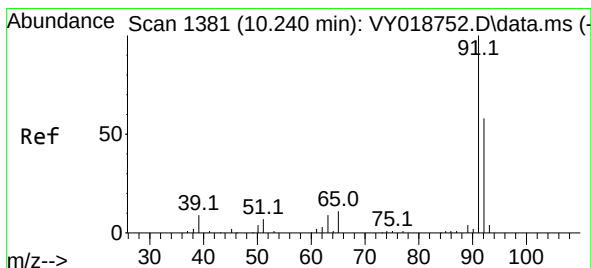
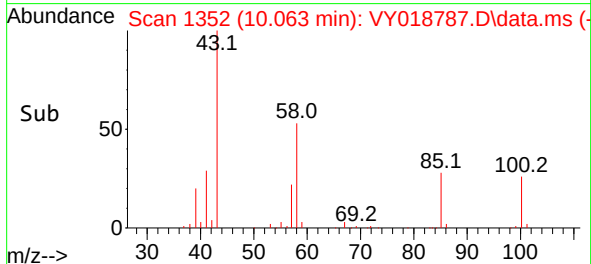
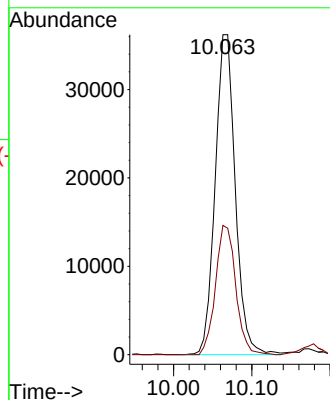
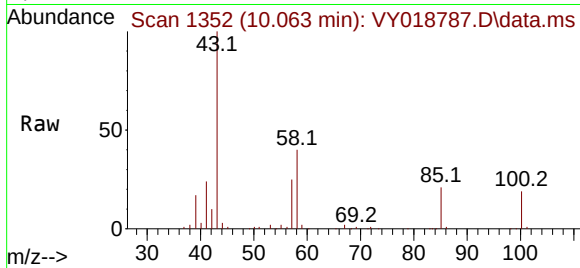




#51
4-Methyl-2-Pentanone
Concen: 97.586 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

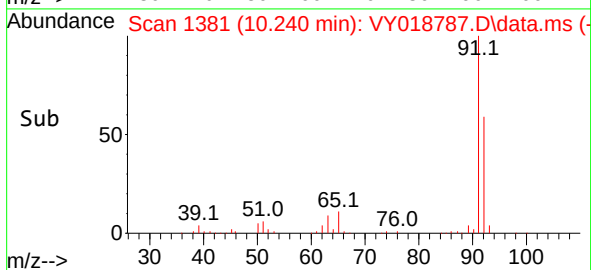
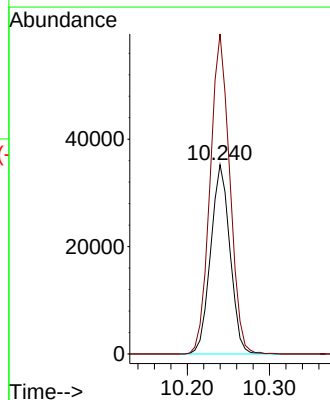
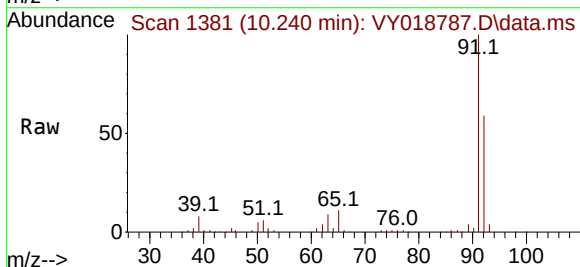
Instrument :
MSVOA_Y
ClientSampleId :

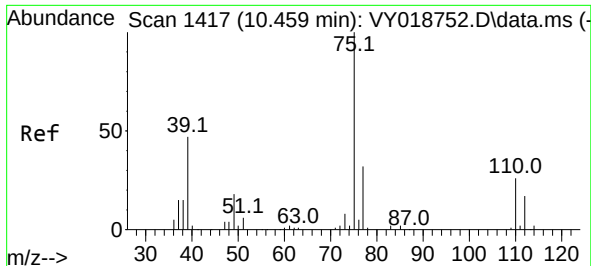
Tgt Ion: 43 Resp: 64738
Ion Ratio Lower Upper
43 100
58 40.6 35.7 53.5



#52
Toluene
Concen: 18.984 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 92 Resp: 57504
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

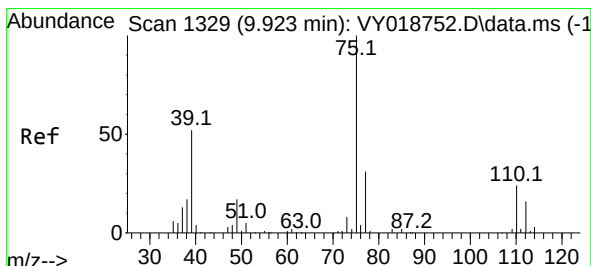
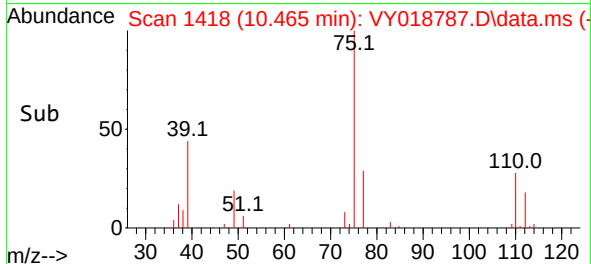
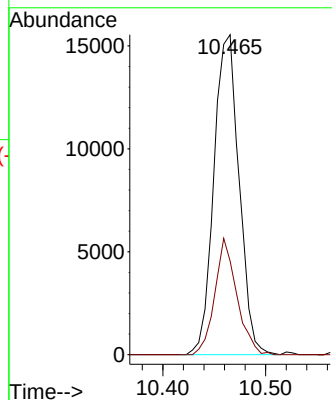
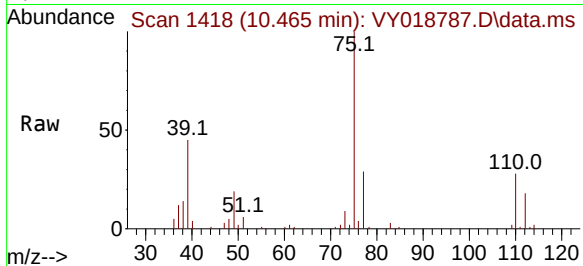




#53
t-1,3-Dichloropropene
Concen: 19.066 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

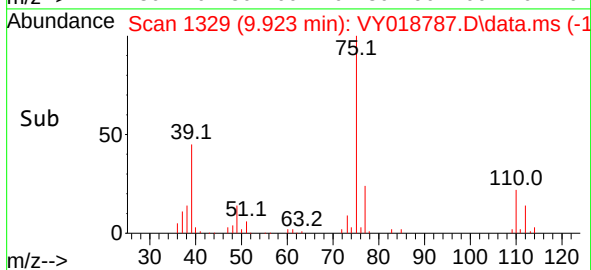
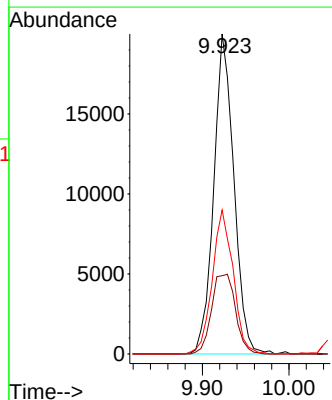
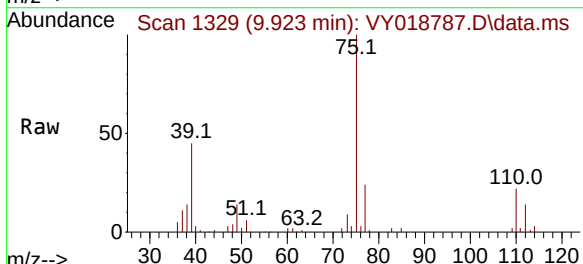
Instrument :
MSVOA_Y
ClientSampleId :

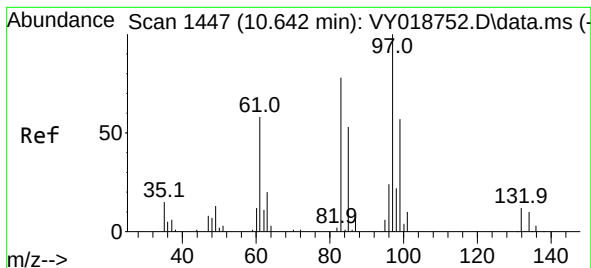
Tgt Ion: 75 Resp: 26453
Ion Ratio Lower Upper
75 100
77 29.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.876 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 75 Resp: 32352
Ion Ratio Lower Upper
75 100
77 24.5 25.4 38.0#
39 45.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.085 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 16361

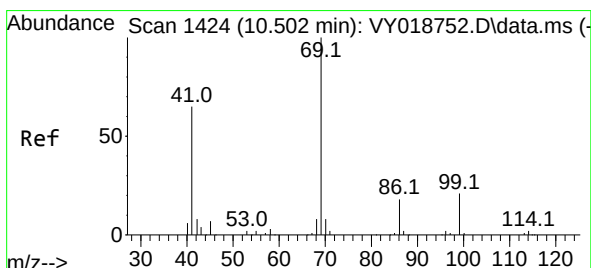
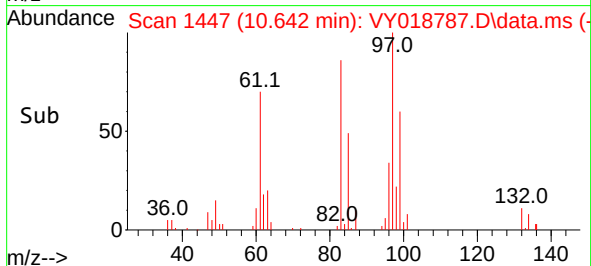
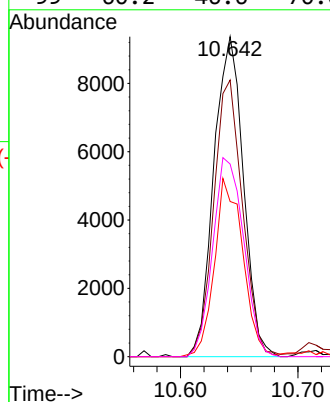
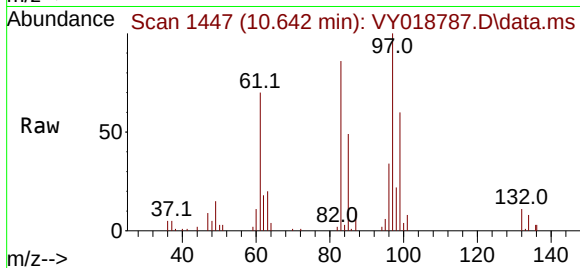
Ion Ratio Lower Upper

97 100

83 86.4 67.5 101.3

85 48.5 42.9 64.3

99 60.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.990 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

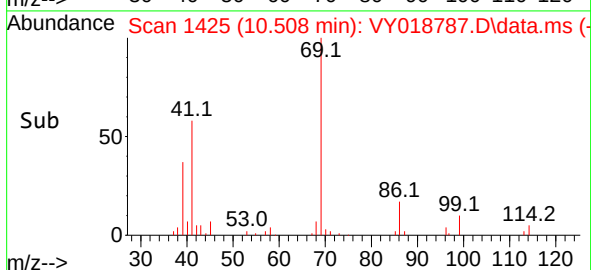
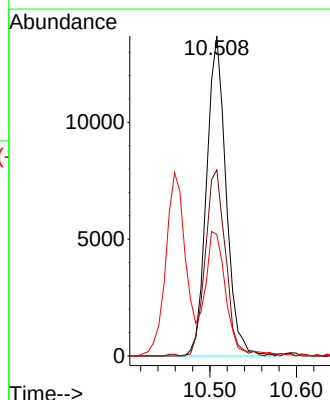
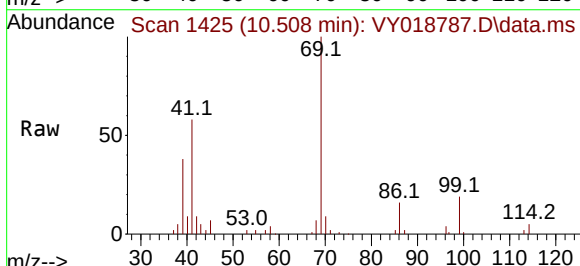
Tgt Ion: 69 Resp: 21438

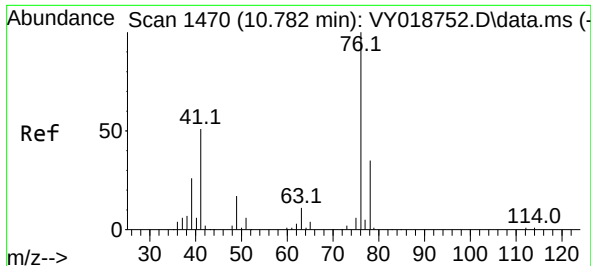
Ion Ratio Lower Upper

69 100

41 60.3 42.3 63.5

39 41.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.952 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

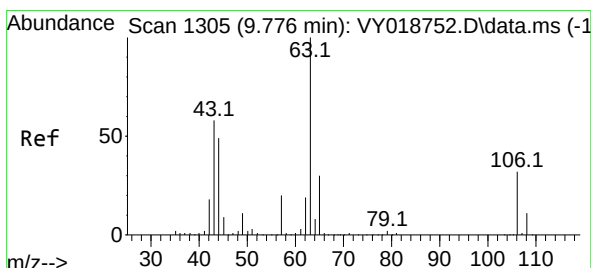
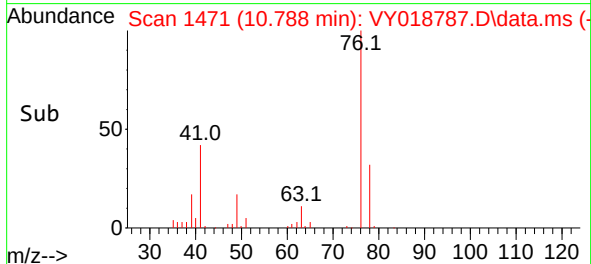
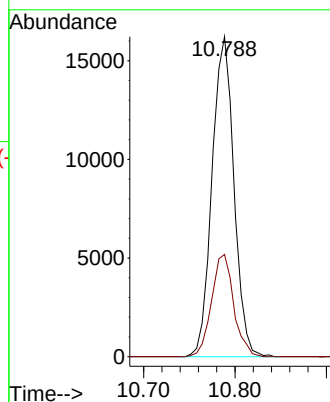
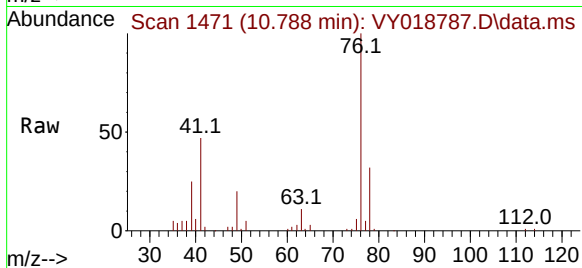
ClientSampleId :

Tgt Ion: 76 Resp: 26941

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.357 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018787.D

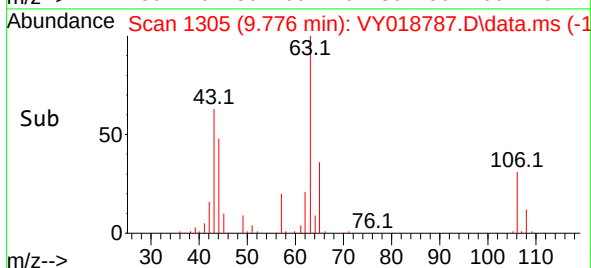
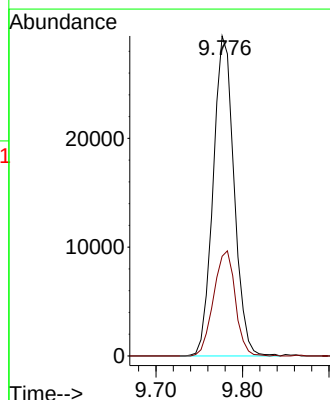
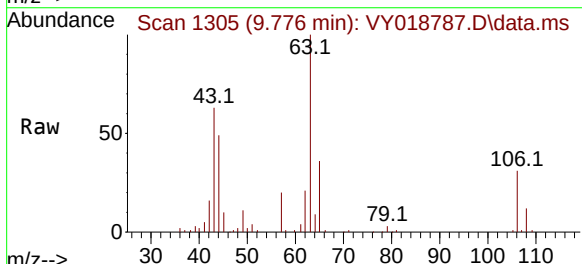
Acq: 12 Jul 2024 10:40

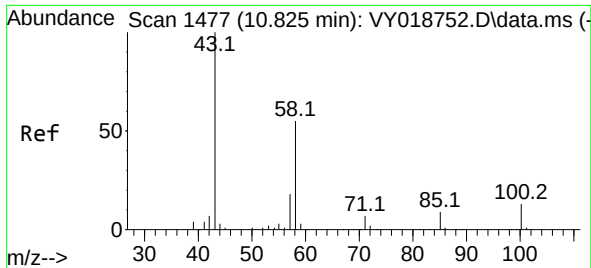
Tgt Ion: 63 Resp: 49369

Ion Ratio Lower Upper

63 100

106 34.1 23.7 35.5

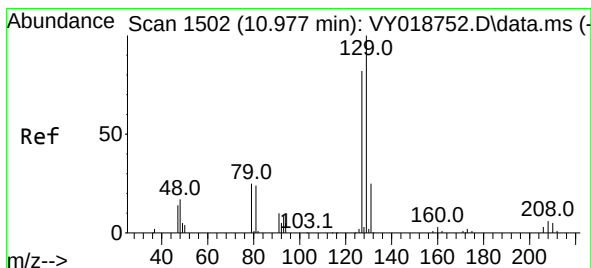
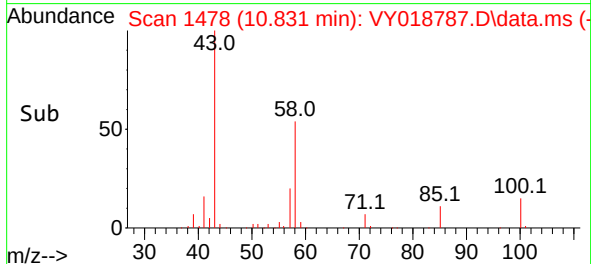
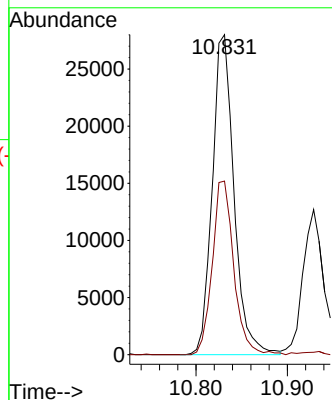
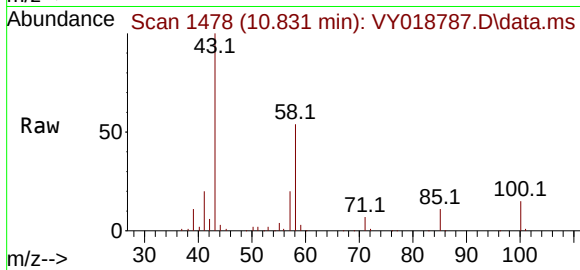




#59
2-Hexanone
Concen: 99.630 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

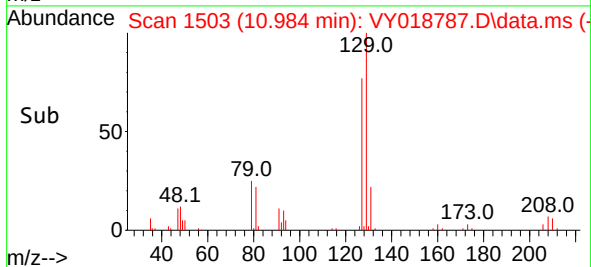
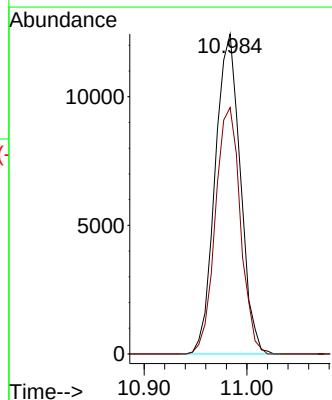
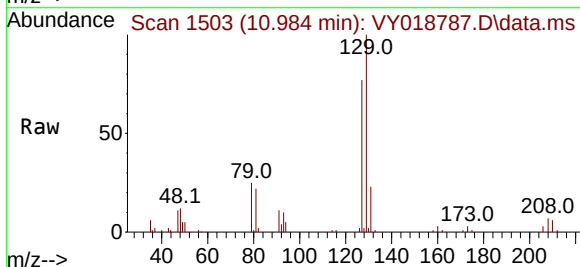
Instrument :
MSVOA_Y
ClientSampleId :

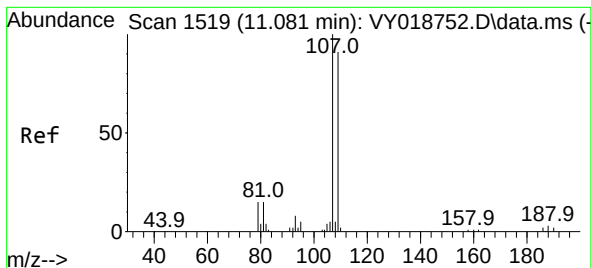
Tgt Ion: 43 Resp: 46239
Ion Ratio Lower Upper
43 100
58 53.8 31.4 94.0



#60
Dibromochloromethane
Concen: 18.918 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:129 Resp: 21173
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

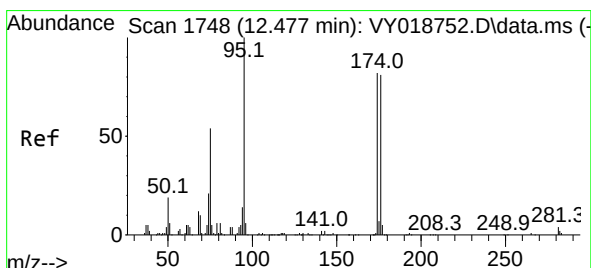
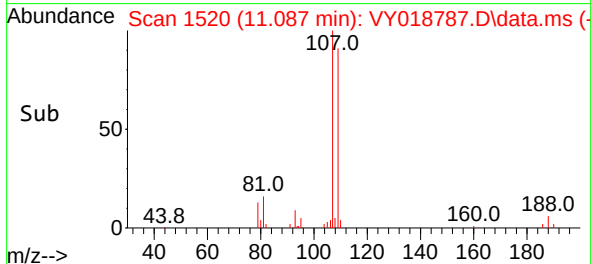
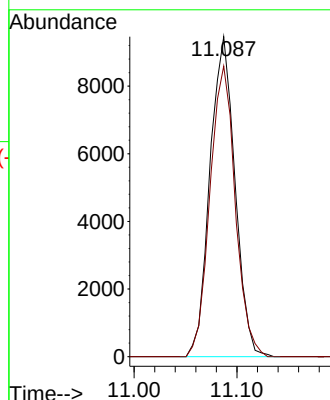
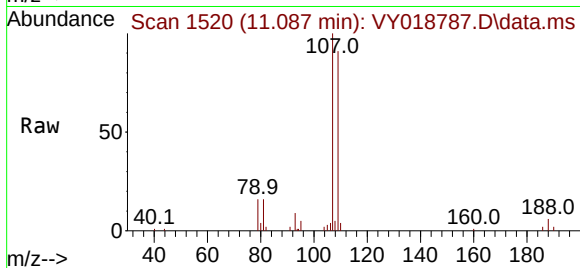




#61
1,2-Dibromoethane
Concen: 20.202 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

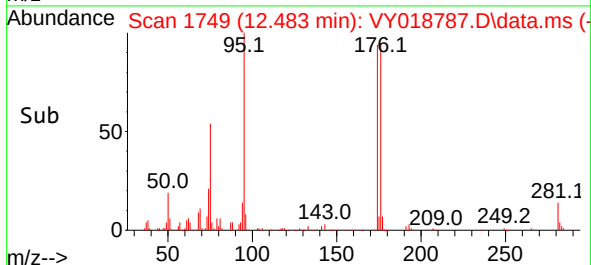
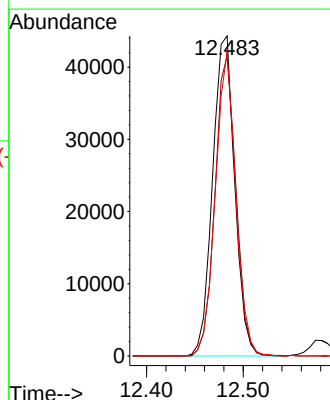
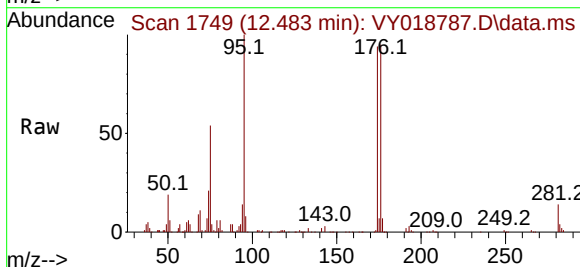
Instrument :
MSVOA_Y
ClientSampleId :

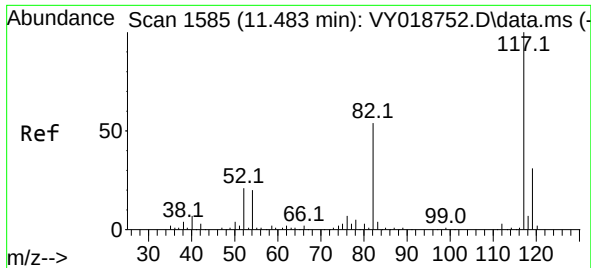
Tgt Ion:107 Resp: 15998
Ion Ratio Lower Upper
107 100
109 91.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 95 Resp: 70408
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 87.8 0.0 171.4

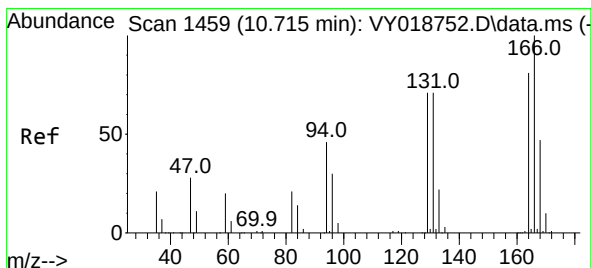
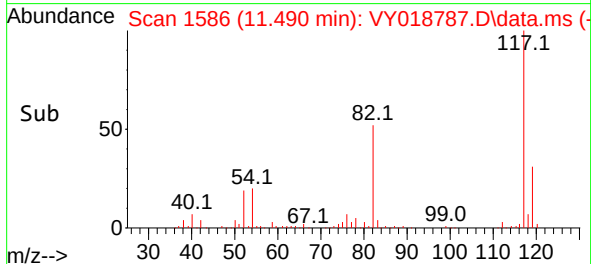
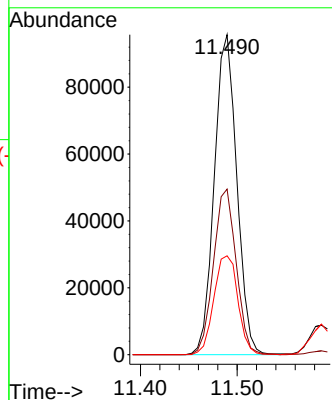
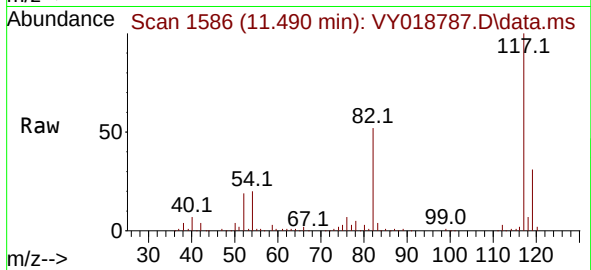




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

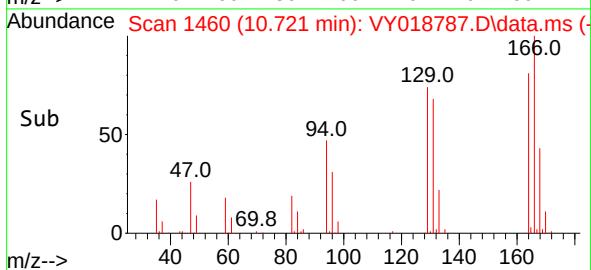
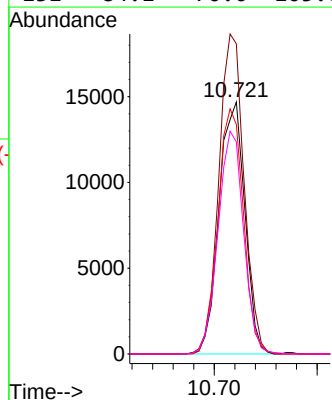
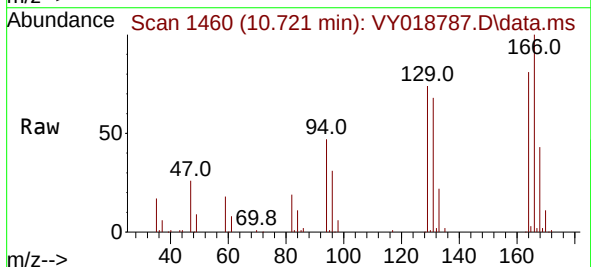
Instrument :
MSVOA_Y
ClientSampleId :

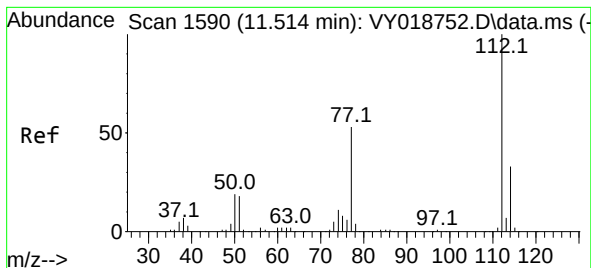
Tgt Ion:117 Resp: 154557
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 30.9 25.9 38.9



#64
Tetrachloroethene
Concen: 20.481 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:164 Resp: 25622
Ion Ratio Lower Upper
164 100
166 123.1 102.6 154.0
129 91.1 72.0 108.0
131 84.1 70.0 105.0





#65

Chlorobenzene

Concen: 20.258 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

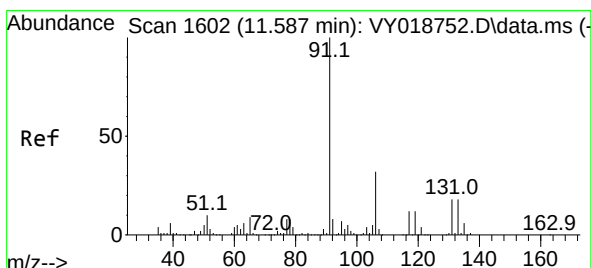
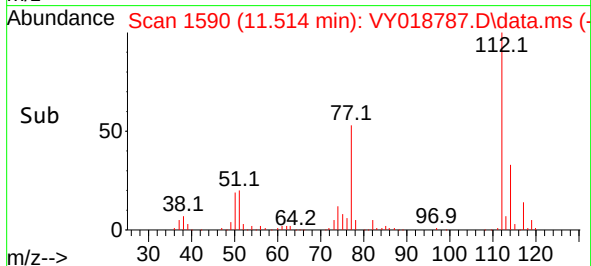
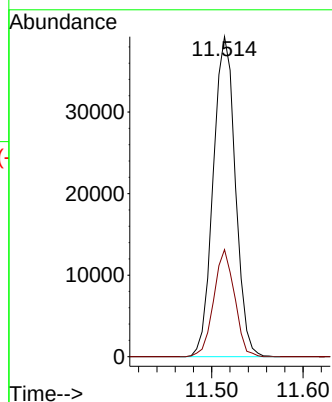
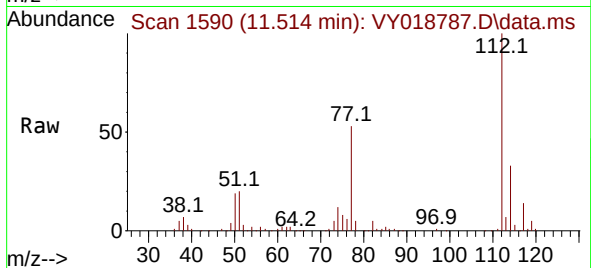
ClientSampleId :

Tgt Ion:112 Resp: 66049

Ion Ratio Lower Upper

112 100

114 33.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.944 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

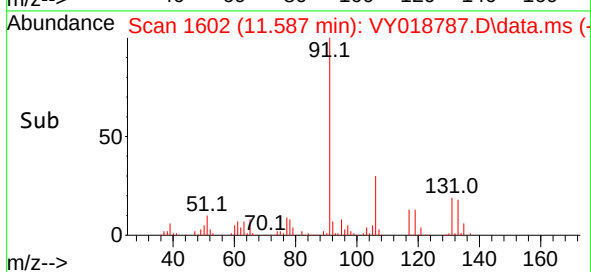
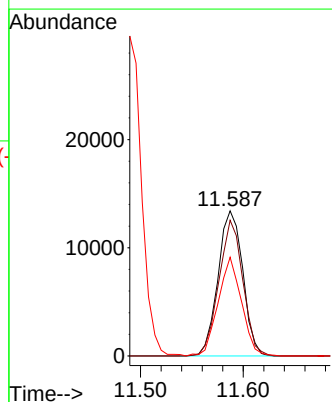
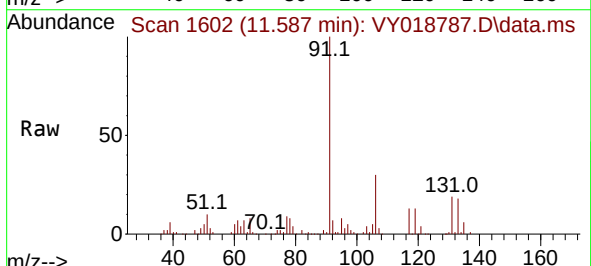
Tgt Ion:131 Resp: 22404

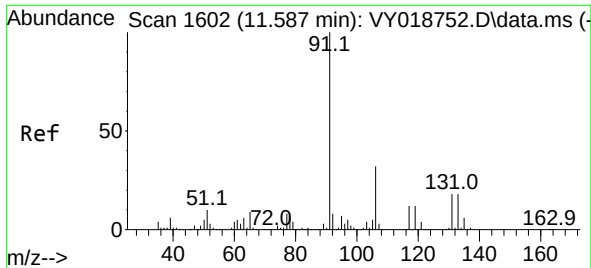
Ion Ratio Lower Upper

131 100

133 90.8 47.8 143.3

119 64.1 34.1 102.2

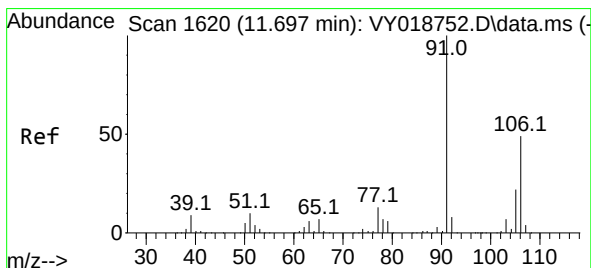
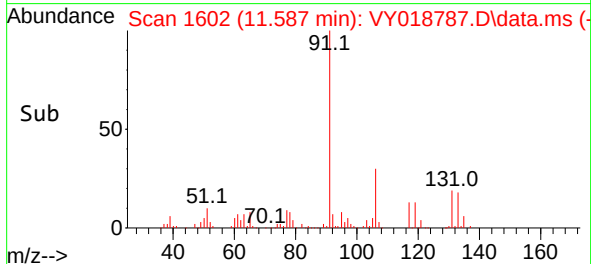
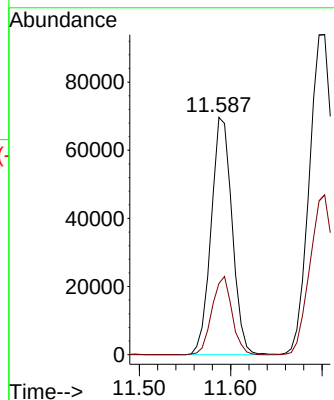
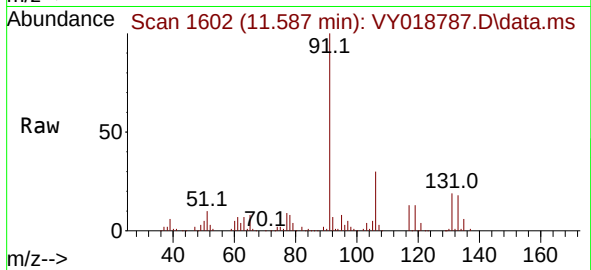




#67
Ethyl Benzene
Concen: 19.426 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

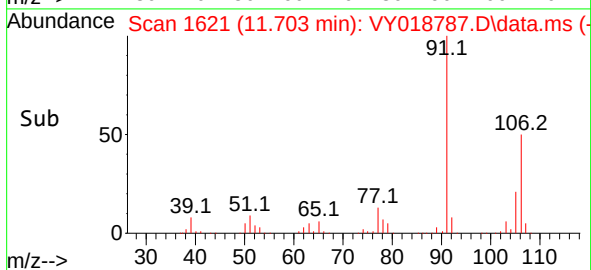
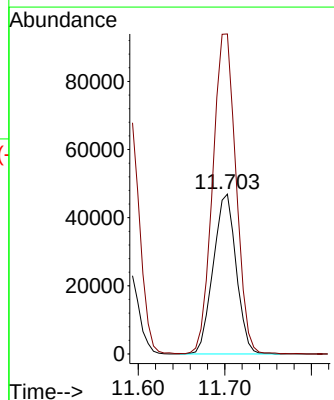
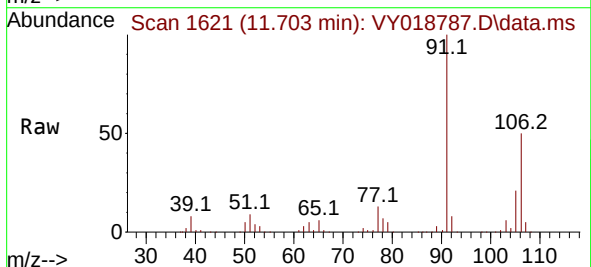
Instrument :
MSVOA_Y
ClientSampleId :

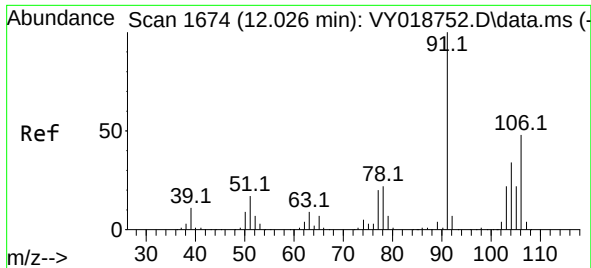
Tgt Ion: 91 Resp: 110952
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 38.493 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:106 Resp: 86276
Ion Ratio Lower Upper
106 100
91 203.3 156.0 234.0

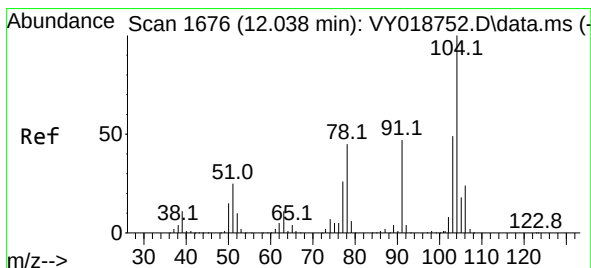
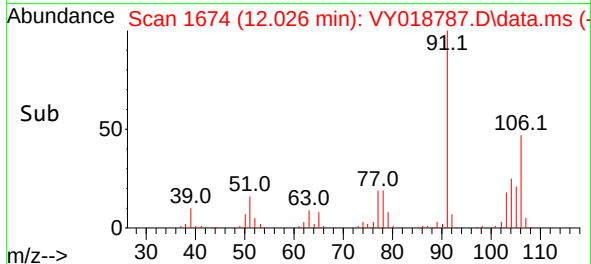
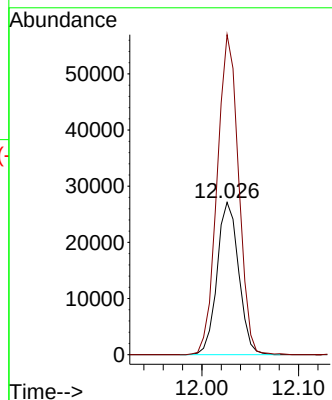
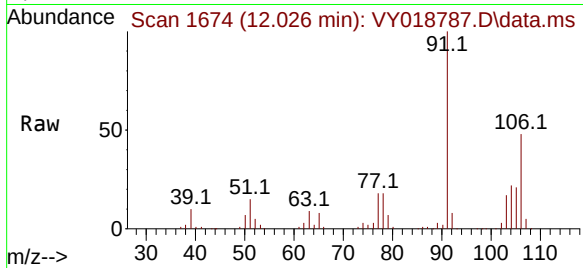




#69
o-Xylene
Concen: 19.955 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

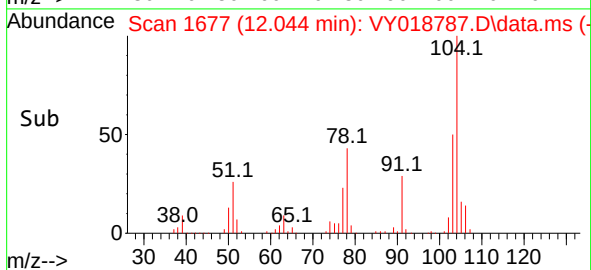
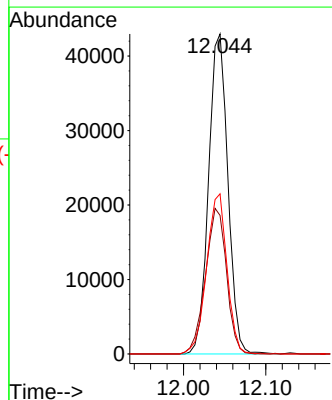
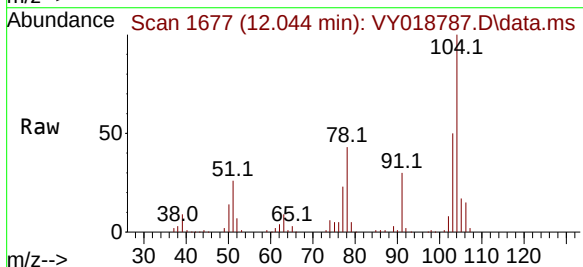
Instrument :
MSVOA_Y
ClientSampleId :

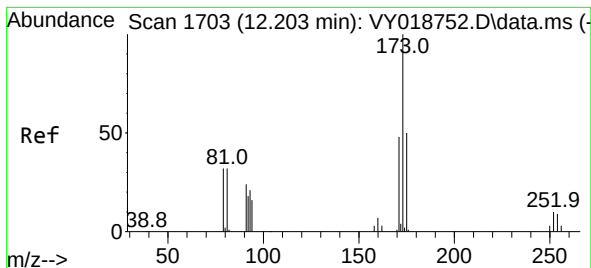
Tgt Ion:106 Resp: 42050
Ion Ratio Lower Upper
106 100
91 208.8 103.6 310.8



#70
Styrene
Concen: 19.929 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:104 Resp: 70069
Ion Ratio Lower Upper
104 100
78 49.8 37.0 55.4
103 52.8 44.2 66.2





#71

Bromoform

Concen: 20.010 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

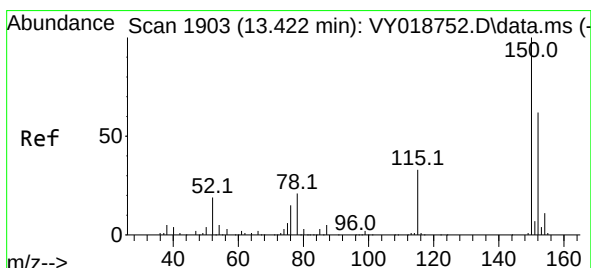
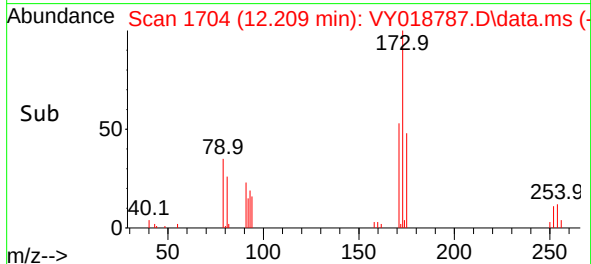
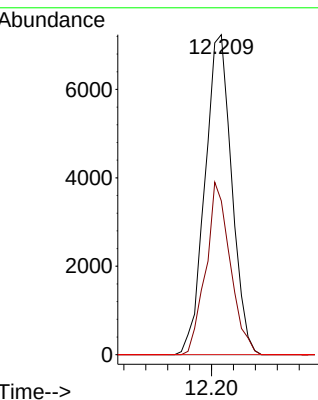
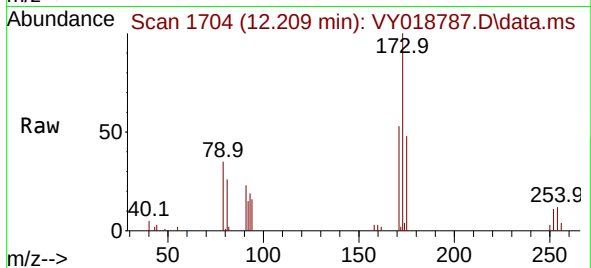
Tgt Ion:173 Resp: 12252

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

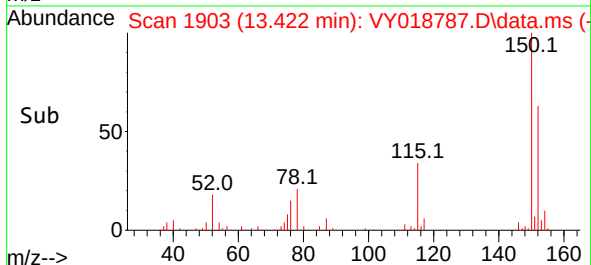
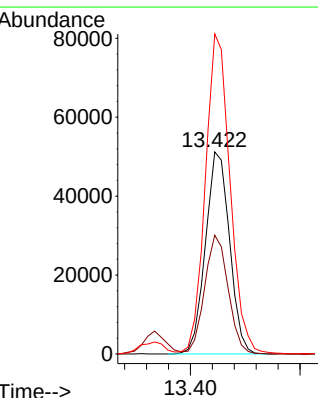
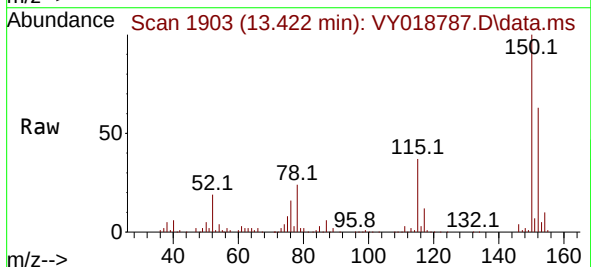
Tgt Ion:152 Resp: 78253

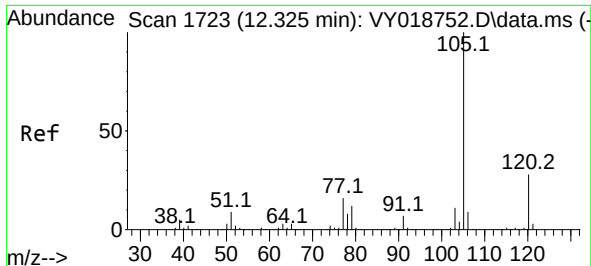
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 162.5 0.0 345.6

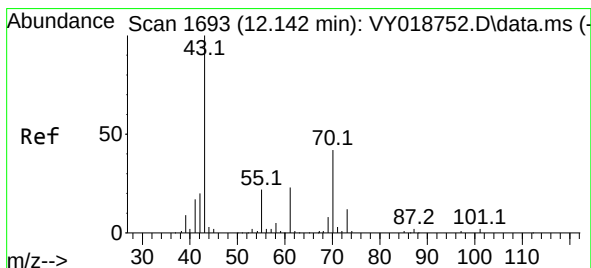
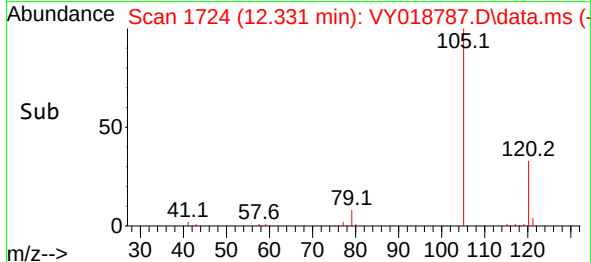
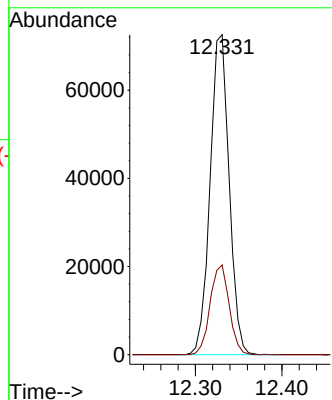
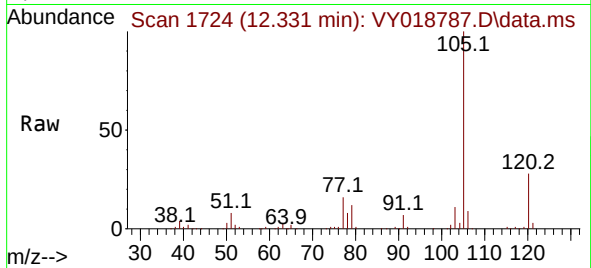




#73
Isopropylbenzene
Concen: 19.352 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

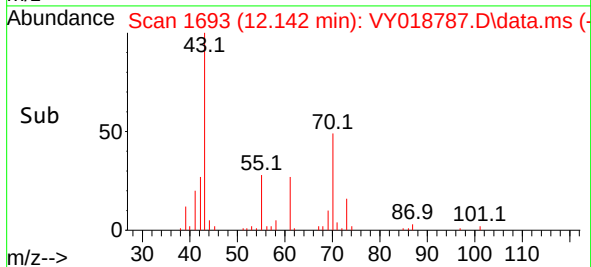
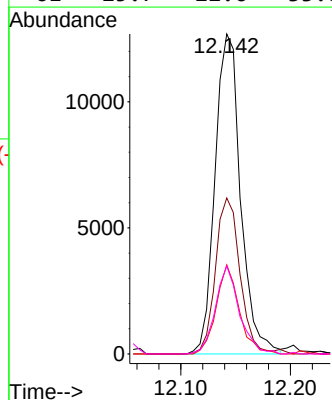
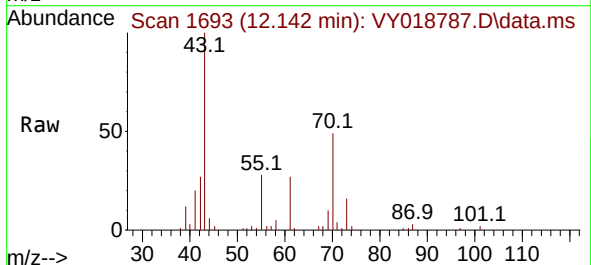
Instrument :
MSVOA_Y
ClientSampleId :

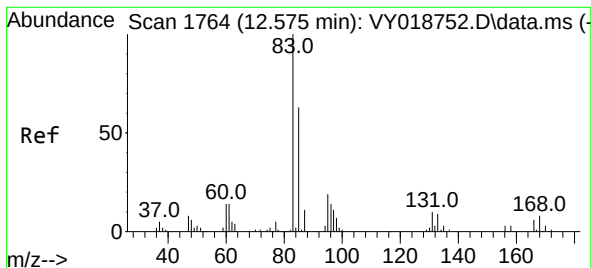
Tgt Ion:105 Resp: 110832
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 17.585 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 43 Resp: 20596
Ion Ratio Lower Upper
43 100
70 47.0 41.4 62.2
55 25.0 23.3 34.9
61 25.7 22.6 33.8

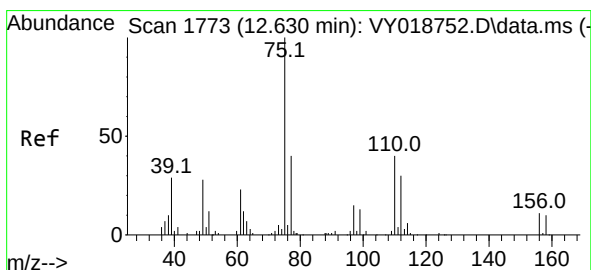
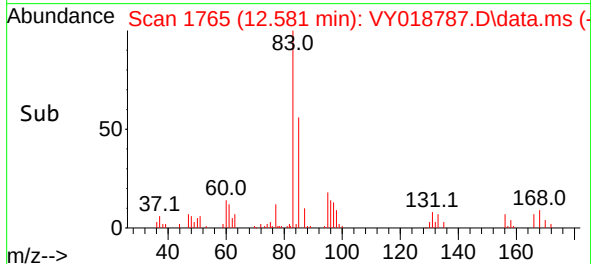
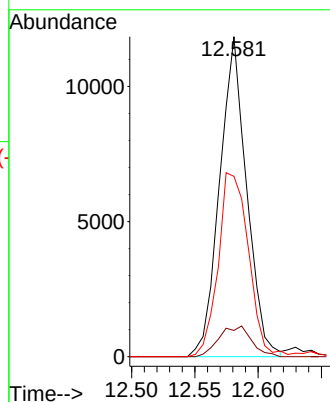
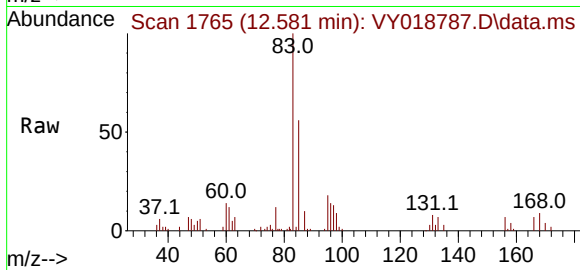




#75
1,1,2,2-Tetrachloroethane
Concen: 19.478 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

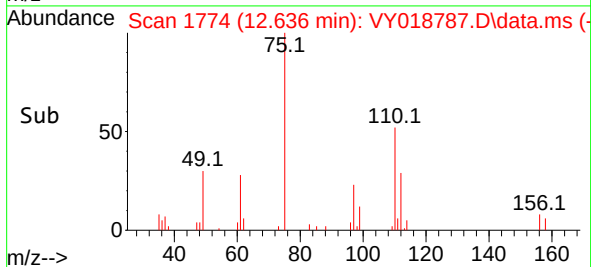
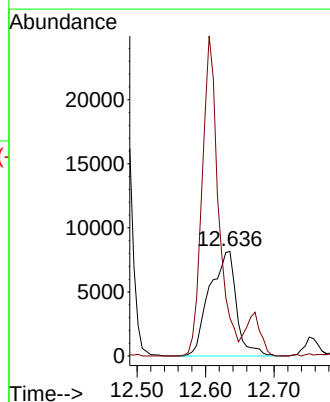
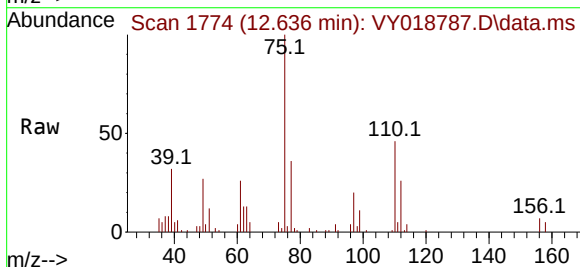
Instrument :
MSVOA_Y
ClientSampleId :

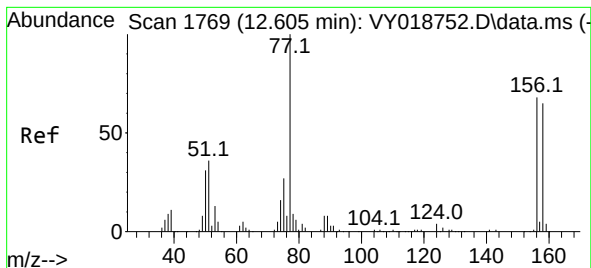
Tgt Ion: 83 Resp: 17586
Ion Ratio Lower Upper
83 100
131 11.5 5.0 14.9
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 36.233 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 75 Resp: 22207
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.370 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

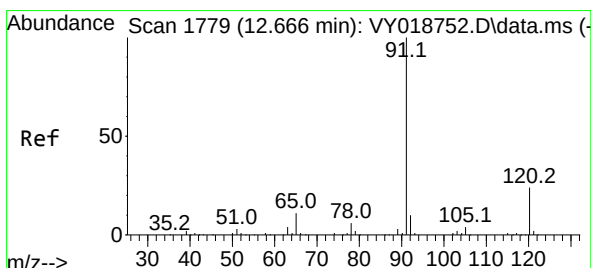
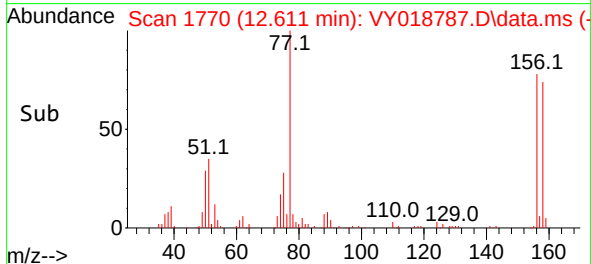
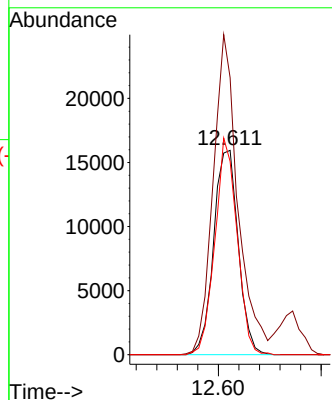
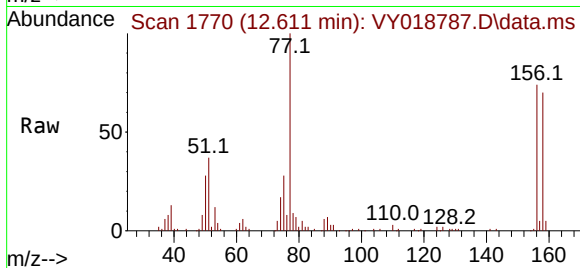
Tgt Ion:156 Resp: 26483

Ion Ratio Lower Upper

156 100

77 157.8 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.087 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018787.D

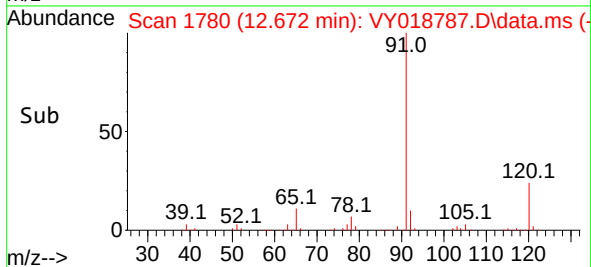
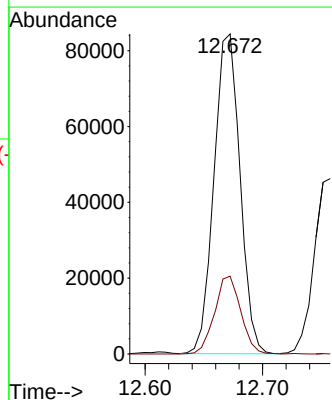
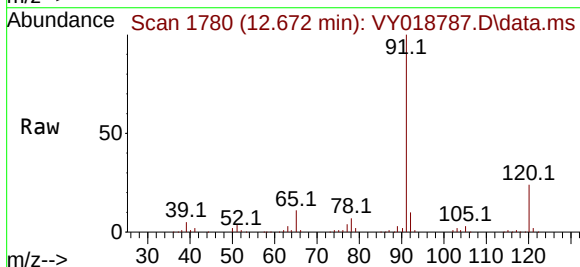
Acq: 12 Jul 2024 10:40

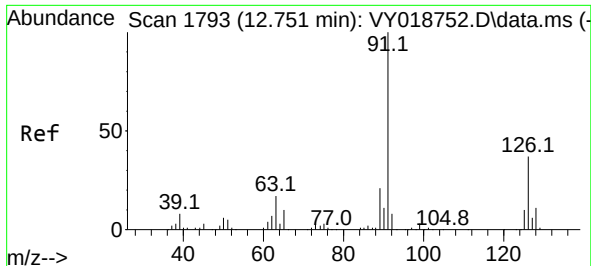
Tgt Ion: 91 Resp: 129811

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.674 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

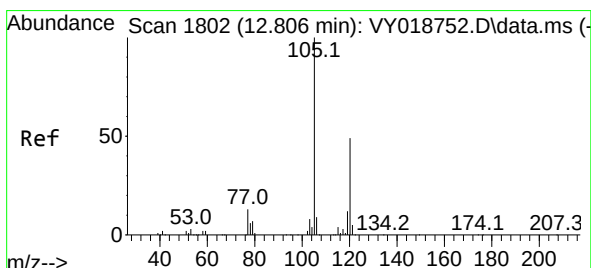
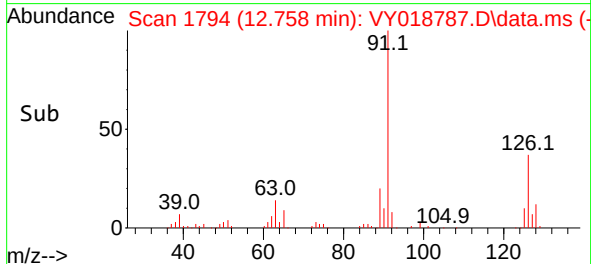
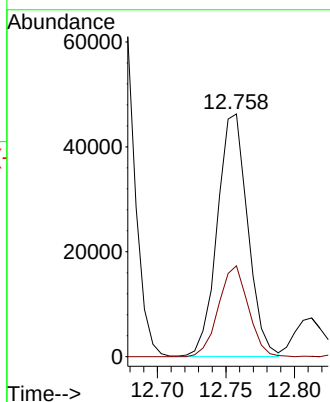
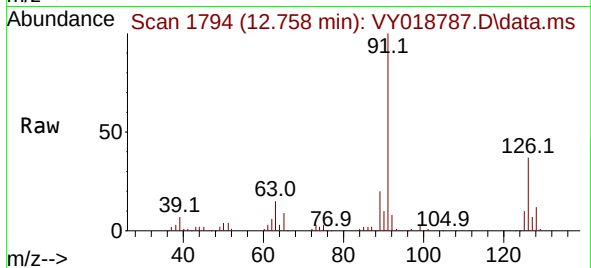
ClientSampleId :

Tgt Ion: 91 Resp: 71412

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.161 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018787.D

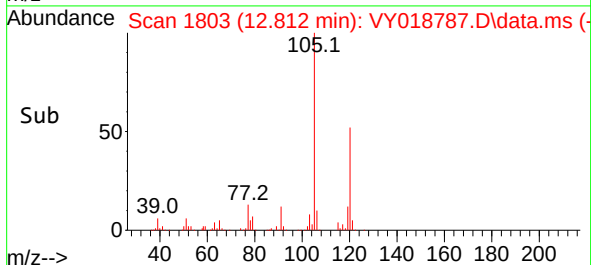
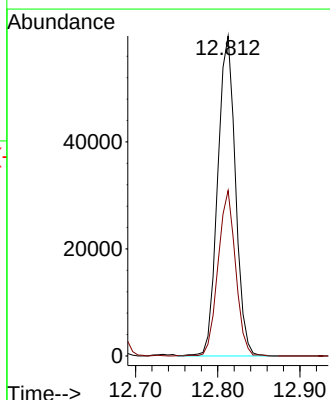
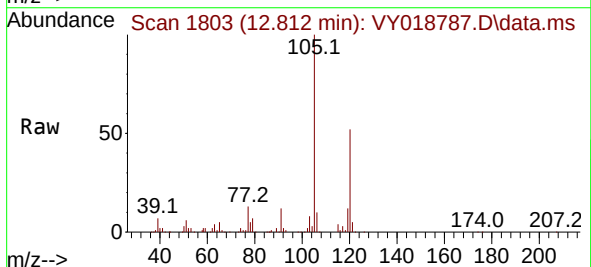
Acq: 12 Jul 2024 10:40

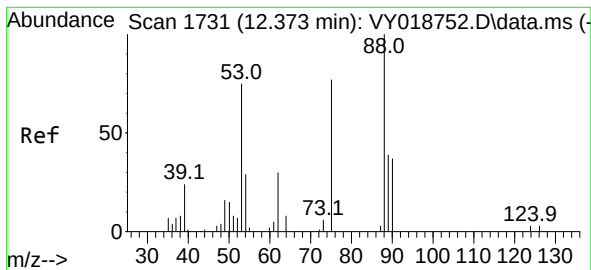
Tgt Ion: 105 Resp: 89790

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

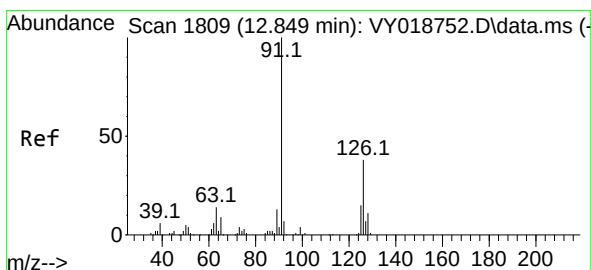
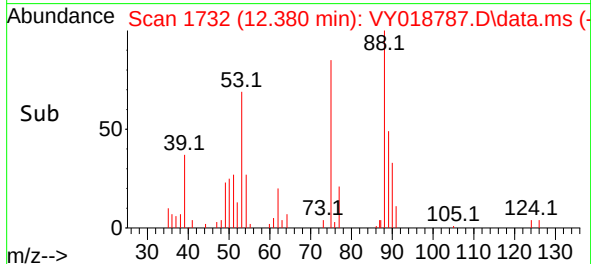
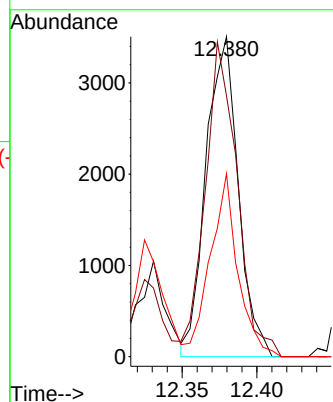
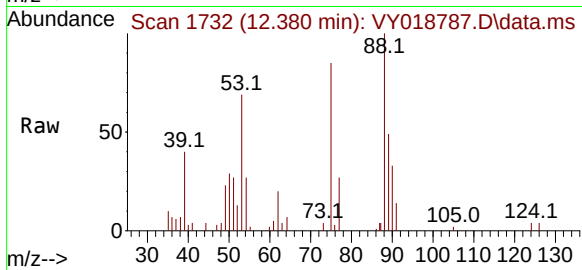




#81
trans-1,4-Dichloro-2-butene
Concen: 19.178 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

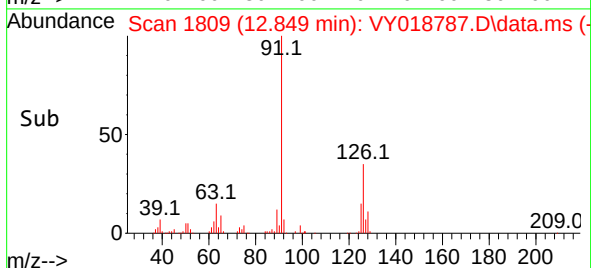
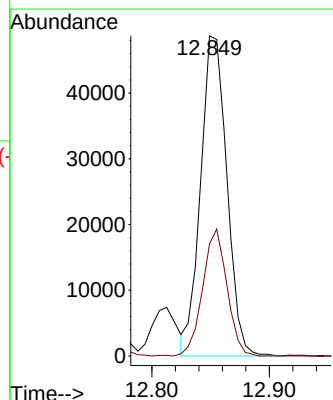
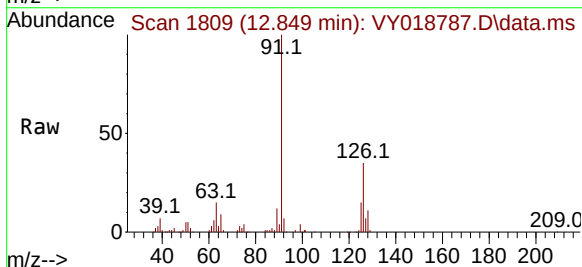
Instrument :
MSVOA_Y
ClientSampleId :

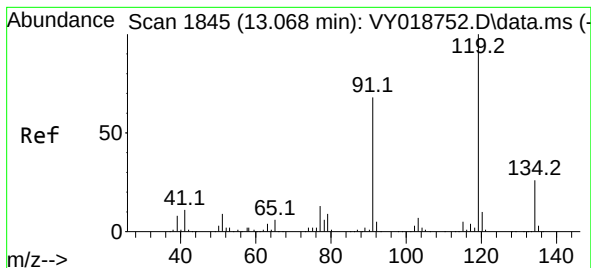
Tgt Ion: 75 Resp: 5252
Ion Ratio Lower Upper
75 100
53 97.0 66.8 100.2
89 49.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.230 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 91 Resp: 75723
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.500 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

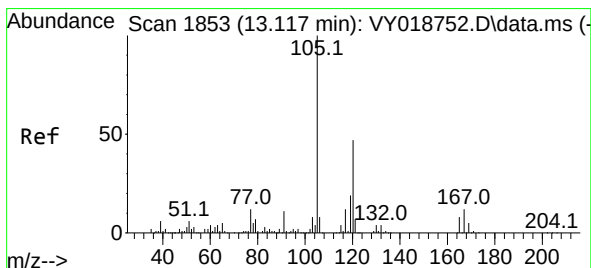
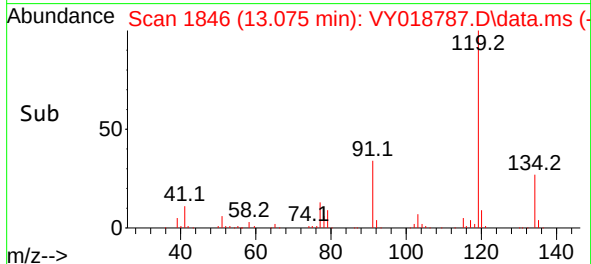
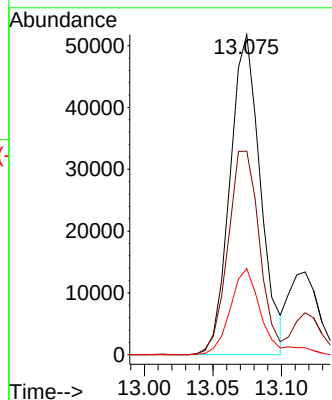
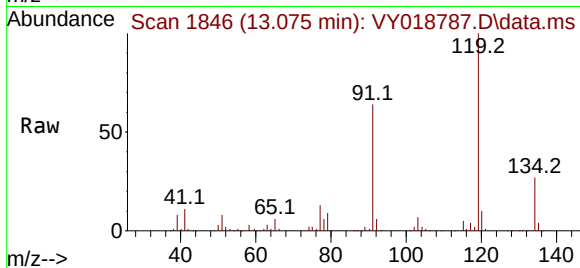
Tgt Ion:119 Resp: 80034

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.056 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018787.D

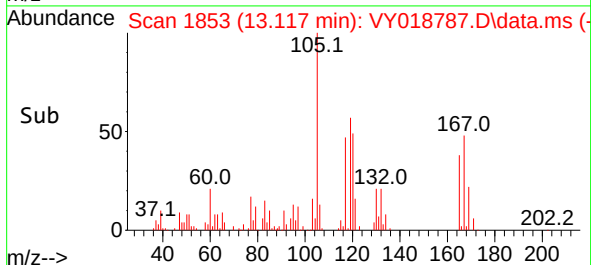
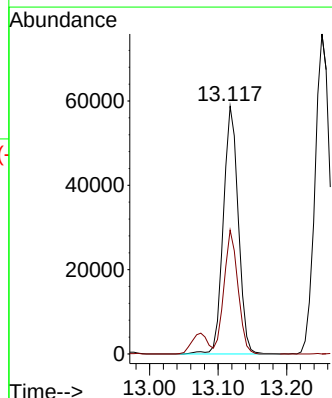
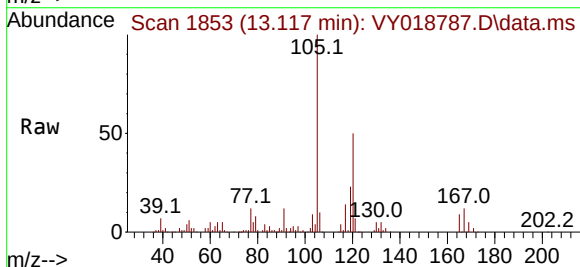
Acq: 12 Jul 2024 10:40

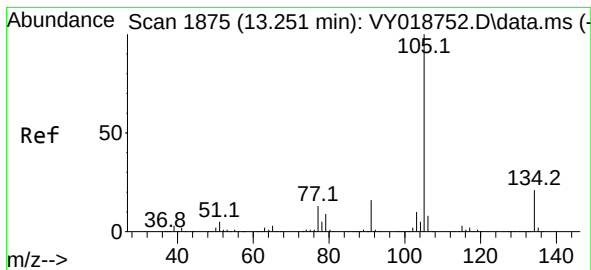
Tgt Ion:105 Resp: 88734

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6

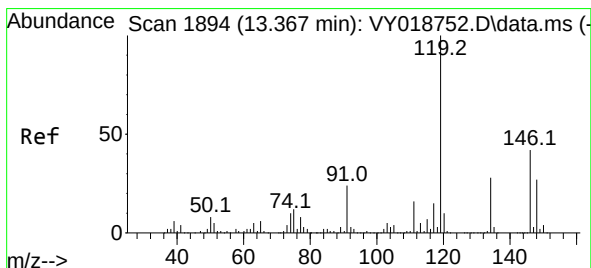
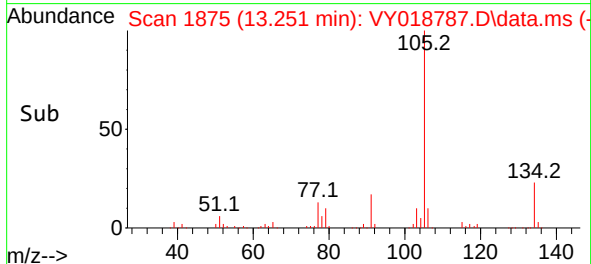
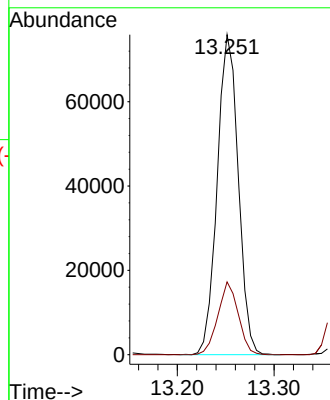
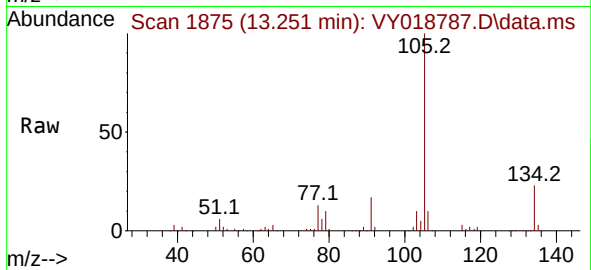




#85
sec-Butylbenzene
Concen: 18.618 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

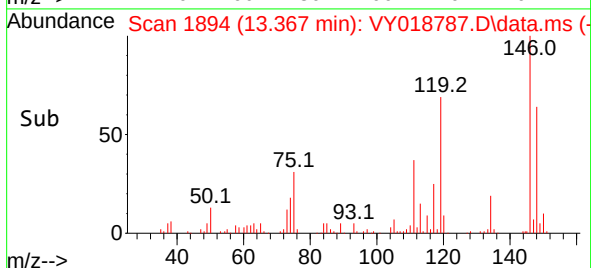
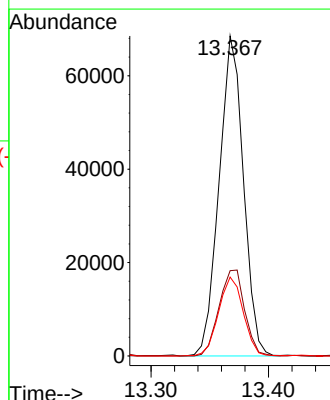
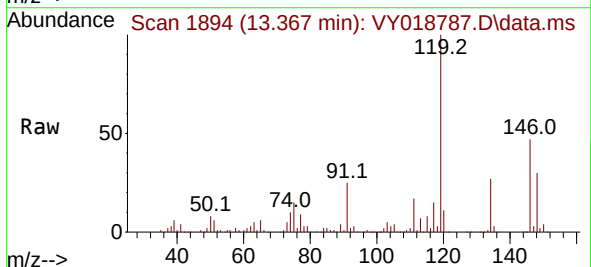
Instrument :
MSVOA_Y
ClientSampleId :

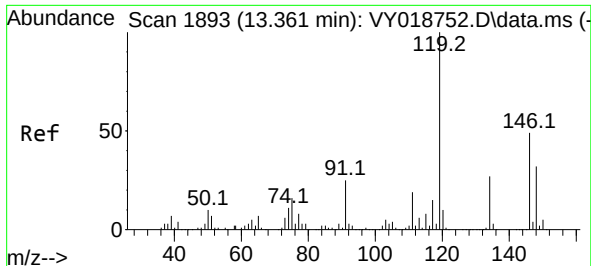
Tgt Ion:105 Resp: 114331
Ion Ratio Lower Upper
105 100
134 22.0 10.1 30.1



#86
p-Isopropyltoluene
Concen: 18.629 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion:119 Resp: 98758
Ion Ratio Lower Upper
119 100
134 28.3 13.1 39.3
91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.422 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

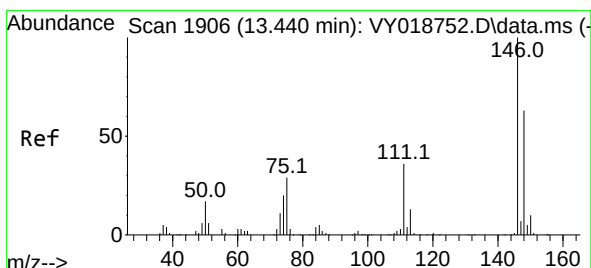
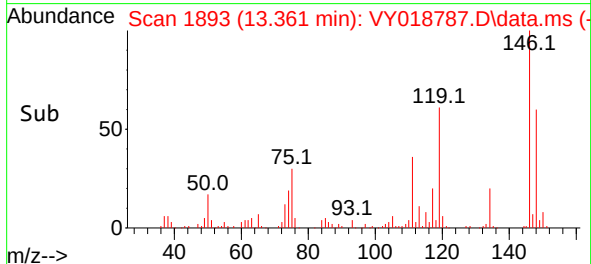
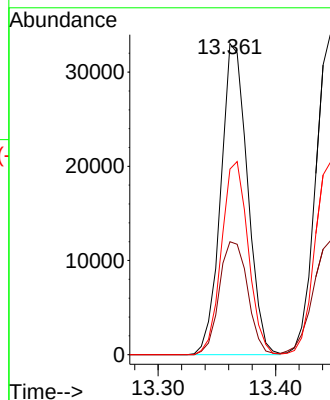
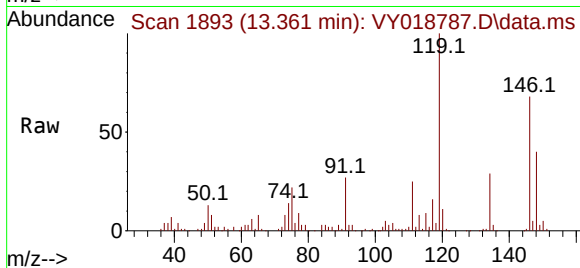
Tgt Ion:146 Resp: 52153

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 62.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.291 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

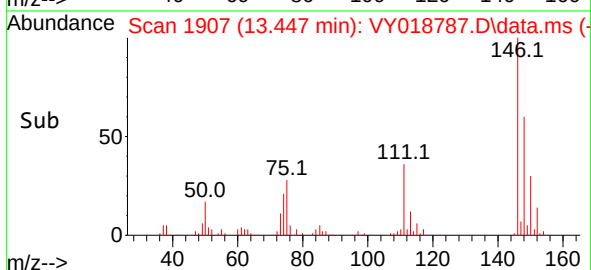
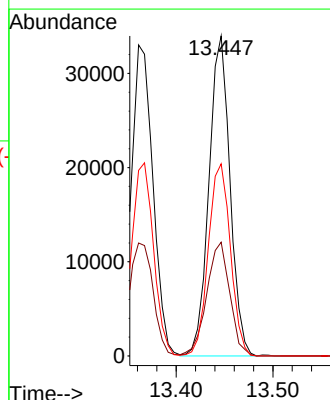
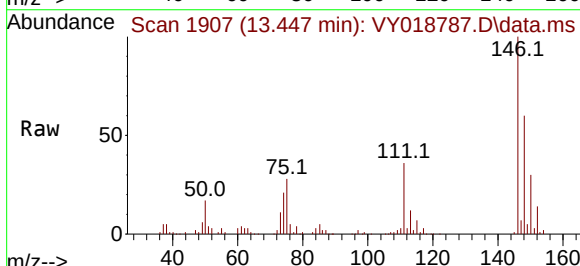
Tgt Ion:146 Resp: 51343

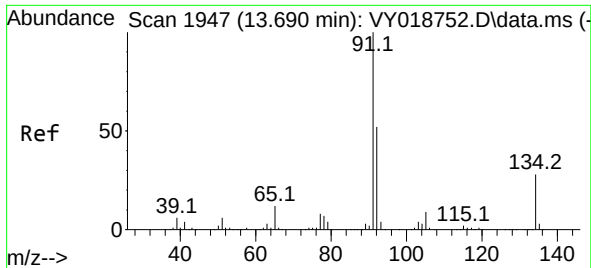
Ion Ratio Lower Upper

146 100

111 39.0 18.4 55.4

148 63.0 32.4 97.2

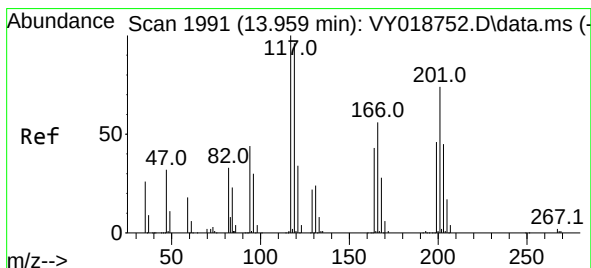
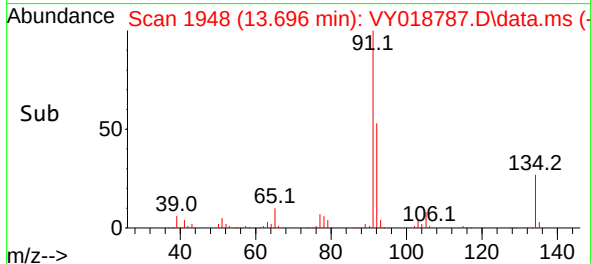
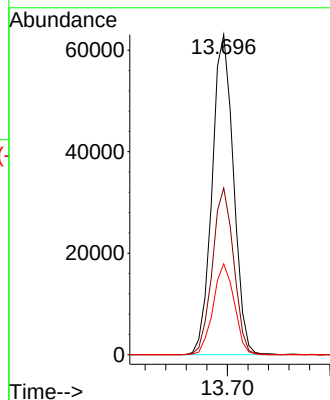
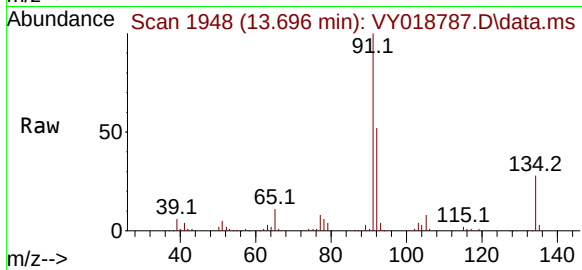




#89
n-Butylbenzene
Concen: 18.923 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

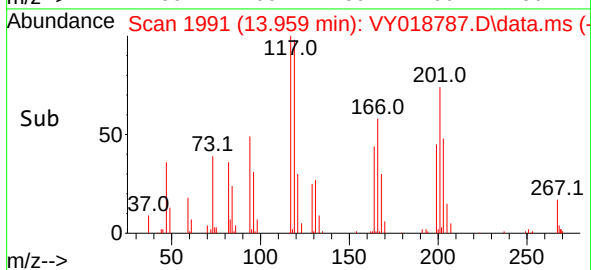
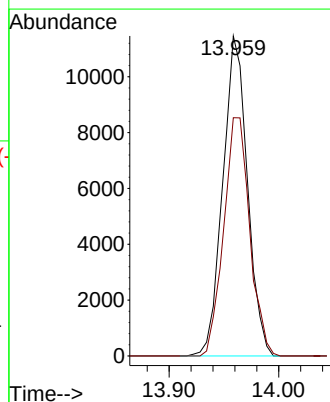
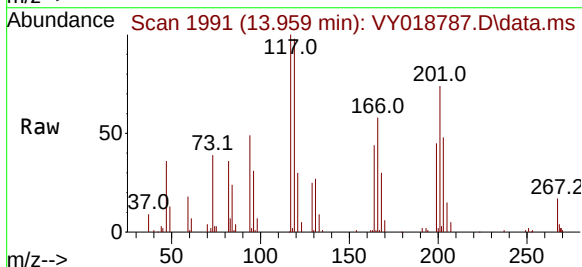
Instrument :
MSVOA_Y
ClientSampleId :

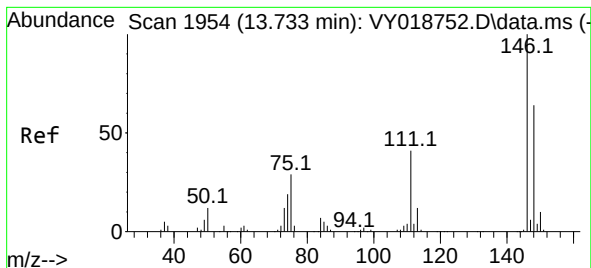
Tgt Ion: 91 Resp: 90946
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 28.0 12.9 38.7



#90
Hexachloroethane
Concen: 18.120 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 117 Resp: 17865
Ion Ratio Lower Upper
117 100
201 78.9 37.4 112.2

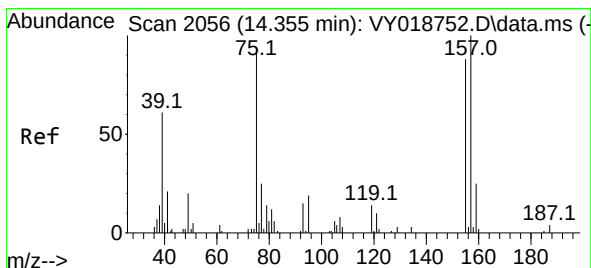
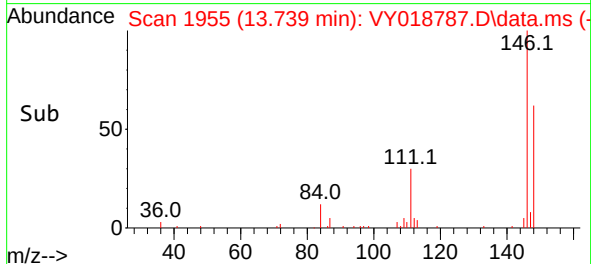
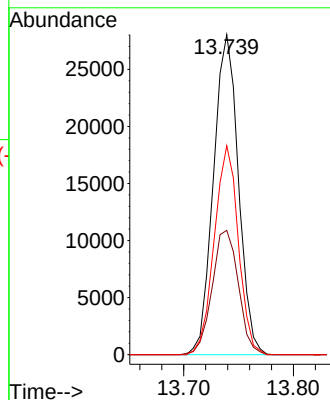
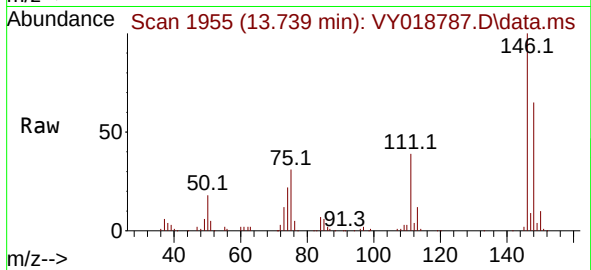




#91
1,2-Dichlorobenzene
Concen: 19.096 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

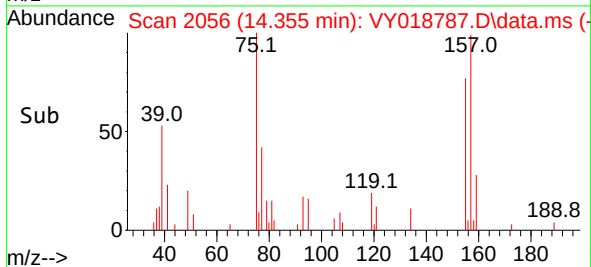
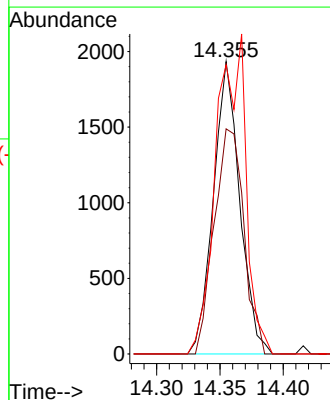
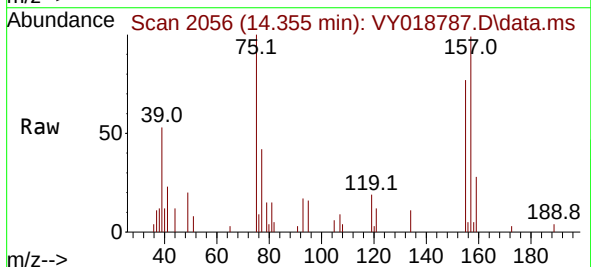
Instrument :
MSVOA_Y
ClientSampleId :

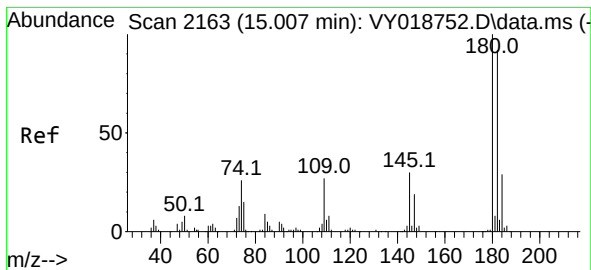
Tgt Ion:146 Resp: 44295
Ion Ratio Lower Upper
146 100
111 40.9 19.9 59.7
148 63.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.133 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018787.D
Acq: 12 Jul 2024 10:40

Tgt Ion: 75 Resp: 2799
Ion Ratio Lower Upper
75 100
155 86.7 48.6 145.8
157 122.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.850 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

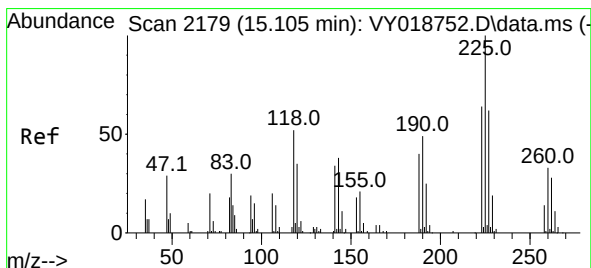
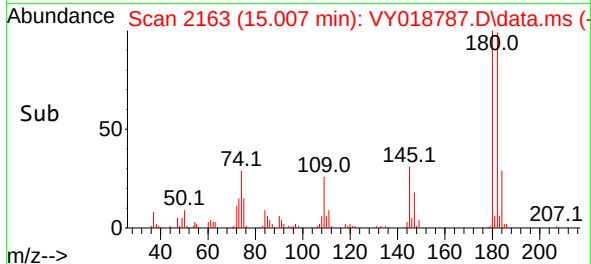
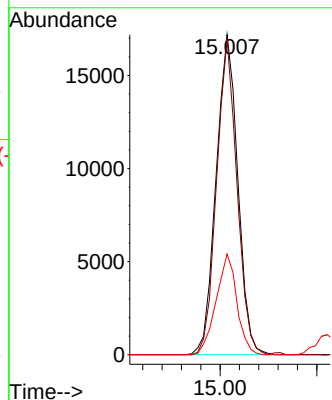
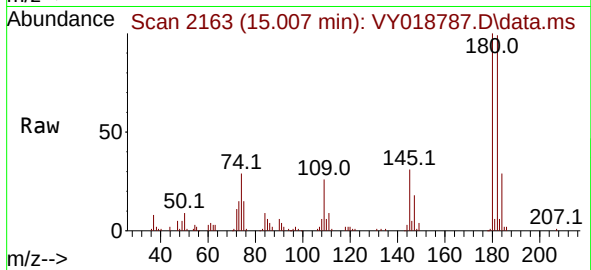
Tgt Ion:180 Resp: 26691

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.8

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.110 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

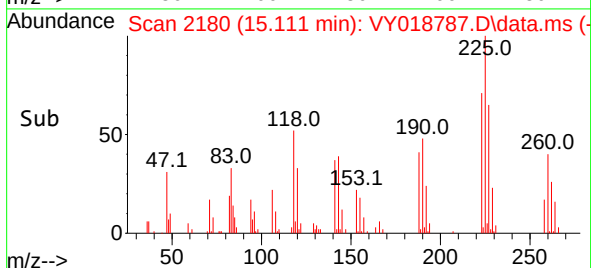
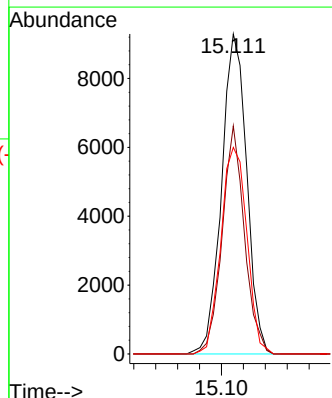
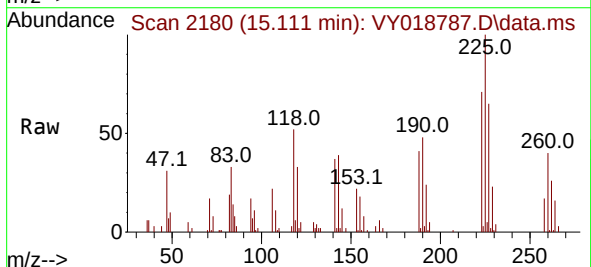
Tgt Ion:225 Resp: 14781

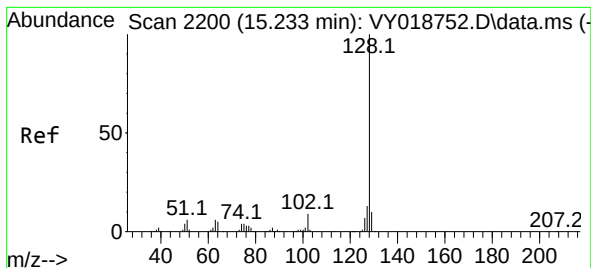
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 66.8 31.9 95.9





#95

Naphthalene

Concen: 17.748 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018787.D

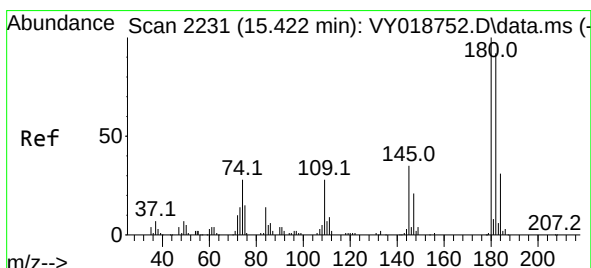
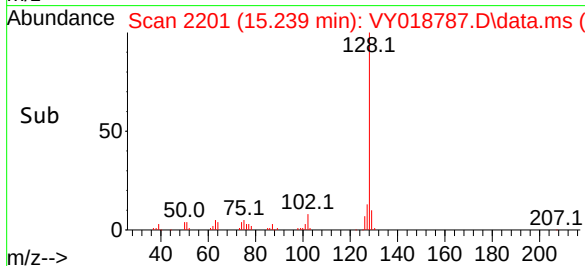
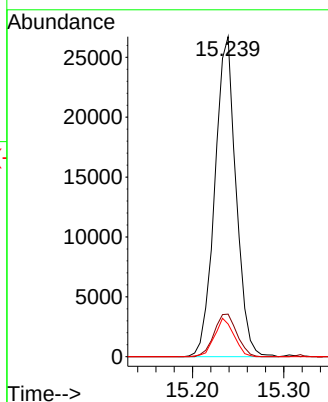
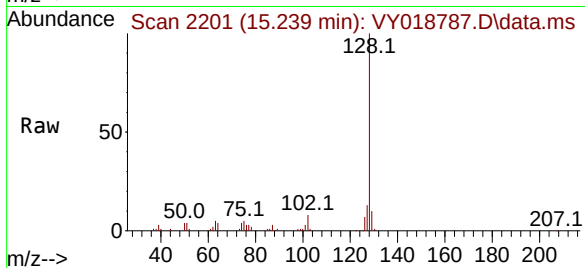
Acq: 12 Jul 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	43111
Ion Ratio	Lower	Upper
128	100	
127	14.3	10.6 16.0
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.360 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018787.D

Acq: 12 Jul 2024 10:40

Tgt Ion:180	Resp:	22244
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.6 142.9
145	31.5	15.4 46.1

