

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019779.D
 Acq On : 03 Oct 2024 11:29
 Operator : SY/MD
 Sample : VY1003SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	283285	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	496388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	150194	57.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.520%	
35) Dibromofluoromethane	7.634	113	145400	51.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.103	98	521608	50.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.401	95	192215	48.021	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35286	20.362	ug/l	97
3) Chloromethane	2.068	50	42190	18.001	ug/l	97
4) Vinyl Chloride	2.202	62	49566	19.557	ug/l	99
5) Bromomethane	2.598	94	36191	23.248	ug/l	92
6) Chloroethane	2.732	64	37206	22.457	ug/l	97
7) Trichlorofluoromethane	3.055	101	89893	21.278	ug/l	100
8) Diethyl Ether	3.458	74	29696	20.940	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	56402	21.582	ug/l	94
10) Methyl Iodide	4.007	142	51804	15.461	ug/l	93
11) Tert butyl alcohol	4.884	59	32032	151.208	ug/l	# 86
12) 1,1-Dichloroethene	3.793	96	46720	18.589	ug/l	87
13) Acrolein	3.659	56	9354	82.097	ug/l	98
14) Allyl chloride	4.384	41	85625	18.997	ug/l	# 93
15) Acrylonitrile	5.067	53	72079	117.879	ug/l	96
16) Acetone	3.885	43	87174	139.494	ug/l	# 86
17) Carbon Disulfide	4.110	76	78899	11.619	ug/l	# 93
18) Methyl Acetate	4.391	43	36240	21.369	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	162606	22.843	ug/l	100
20) Methylene Chloride	4.616	84	62142	21.804	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	49224	17.868	ug/l	# 82
22) Diisopropyl ether	6.024	45	211473	22.848	ug/l	92
23) Vinyl Acetate	5.963	43	600194	113.529	ug/l	94
24) 1,1-Dichloroethane	5.915	63	114454	22.037	ug/l	97
25) 2-Butanone	6.896	43	116112	130.638	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	105161	22.447	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	71421	21.343	ug/l	87
28) Bromochloromethane	7.250	49	40549	18.556	ug/l	# 81
29) Tetrahydrofuran	7.268	42	61983	114.697	ug/l	# 84
30) Chloroform	7.421	83	123514	23.296	ug/l	98
31) Cyclohexane	7.701	56	82202	17.510	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	104665	22.024	ug/l	96
36) 1,1-Dichloropropene	7.835	75	71076	18.559	ug/l	96
37) Ethyl Acetate	6.988	43	44851	22.857	ug/l	97
38) Carbon Tetrachloride	7.817	117	85825	19.873	ug/l	99
39) Methylcyclohexane	9.109	83	86343	16.942	ug/l	92
40) Benzene	8.079	78	235067	19.929	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	24808	21.689	ug/l	88
42) 1,2-Dichloroethane	8.158	62	72679	22.898	ug/l	95
43) Isopropyl Acetate	8.201	43	92632	22.470	ug/l #	89
44) Trichloroethene	8.865	130	57971	19.110	ug/l	90
45) 1,2-Dichloropropane	9.140	63	62122	21.543	ug/l	99
46) Dibromomethane	9.231	93	34077	21.609	ug/l	93
47) Bromodichloromethane	9.426	83	96208	22.696	ug/l	99
48) Methyl methacrylate	9.225	41	40410	20.758	ug/l	84
49) 1,4-Dioxane	9.237	88	8081	435.301	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	237007	114.277	ug/l	92
52) Toluene	10.170	92	152993	20.167	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	82800	20.491	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	97025	20.621	ug/l #	90
55) 1,1,2-Trichloroethane	10.566	97	50901	23.374	ug/l	98
56) Ethyl methacrylate	10.438	69	70470	21.302	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	84460	22.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	148472	96.701	ug/l	95
59) 2-Hexanone	10.761	43	177128	116.494	ug/l	88
60) Dibromochloromethane	10.908	129	65063	22.586	ug/l	97
61) 1,2-Dibromoethane	11.011	107	43331	21.355	ug/l	98
64) Tetrachloroethene	10.646	164	49215	19.153	ug/l	94
65) Chlorobenzene	11.438	112	172906	21.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	63814	22.580	ug/l	98
67) Ethyl Benzene	11.517	91	308951	21.302	ug/l	99
68) m/p-Xylenes	11.627	106	223130	40.688	ug/l	90
69) o-Xylene	11.950	106	112176	20.916	ug/l	92
70) Styrene	11.968	104	194132	21.439	ug/l	95
71) Bromoform	12.127	173	35072	21.728	ug/l #	98
73) Isopropylbenzene	12.249	105	309200	21.704	ug/l	98
74) N-amyl acetate	12.066	43	85445	22.053	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	60167	23.794	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	74774	40.625	ug/l #	100
77) Bromobenzene	12.529	156	67180	21.262	ug/l	88
78) n-propylbenzene	12.590	91	371218	21.984	ug/l	98
79) 2-Chlorotoluene	12.676	91	213042	21.649	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	248984	21.498	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	18404	19.195	ug/l #	86
82) 4-Chlorotoluene	12.773	91	219055	21.652	ug/l	96
83) tert-Butylbenzene	12.993	119	230306	21.966	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	249045	21.724	ug/l	97
85) sec-Butylbenzene	13.169	105	339297	22.276	ug/l	99
86) p-Isopropyltoluene	13.285	119	276623	22.197	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	135514	22.072	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	135536	22.244	ug/l	96
89) n-Butylbenzene	13.615	91	265079	22.250	ug/l	99
90) Hexachloroethane	13.877	117	54925	21.182	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	123234	22.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9621	22.829	ug/l	75
93) 1,2,4-Trichlorobenzene	14.913	180	68274	20.489	ug/l	97
94) Hexachlorobutadiene	15.017	225	37521	21.078	ug/l	95
95) Naphthalene	15.139	128	134996	20.230	ug/l	98
96) 1,2,3-Trichlorobenzene	15.322	180	59614	20.915	ug/l	97

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MSVOA_Y
ClientSampleId :

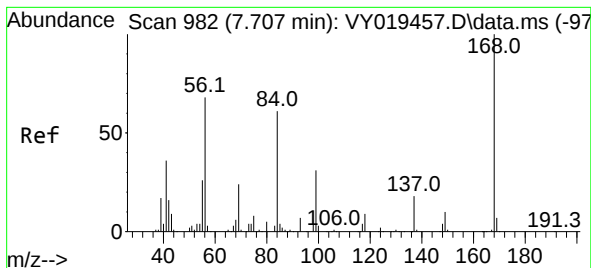
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

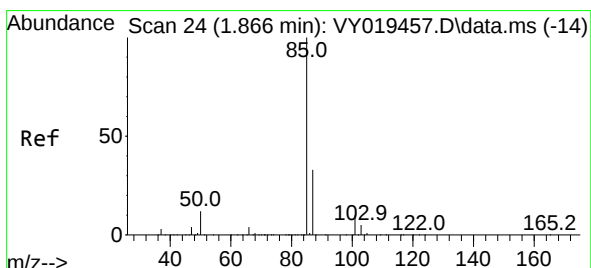
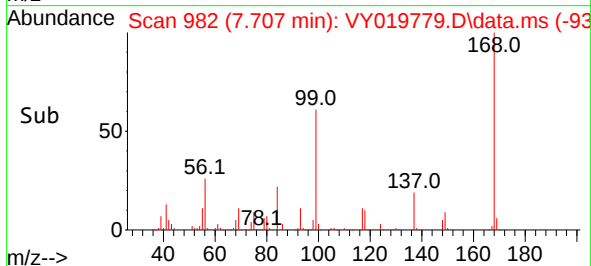
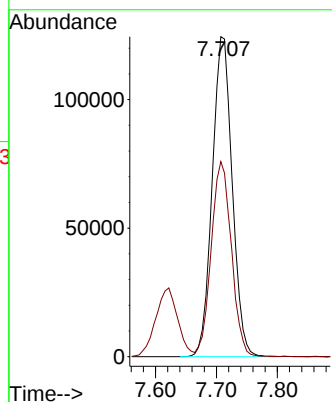
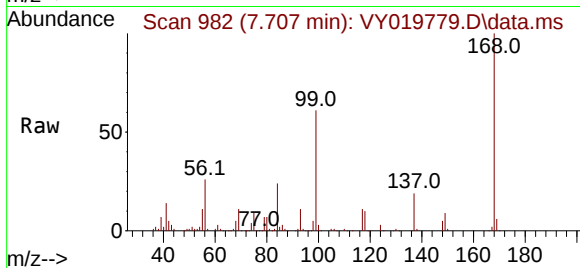
ClientSampleId :

Tgt Ion:168 Resp: 283285

Ion Ratio Lower Upper

168 100

99 60.9 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 20.362 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019779.D

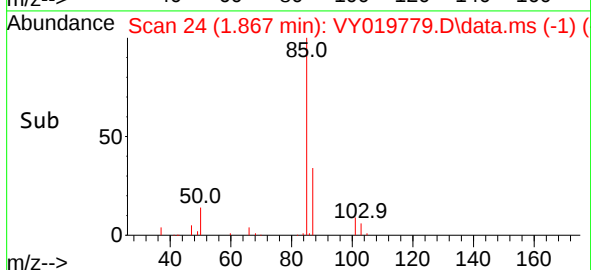
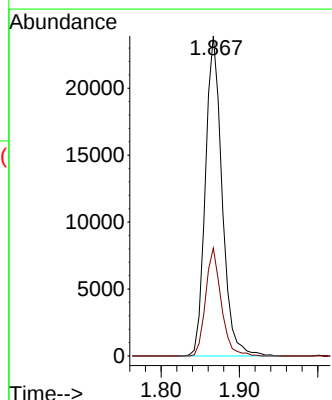
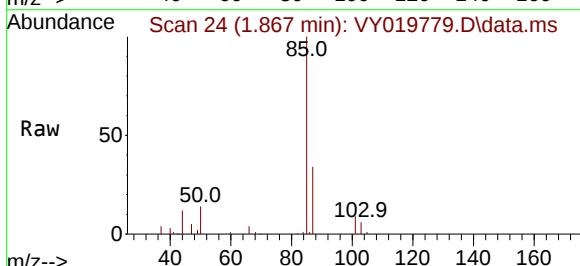
Acq: 03 Oct 2024 11:29

Tgt Ion: 85 Resp: 35286

Ion Ratio Lower Upper

85 100

87 33.8 16.0 48.0

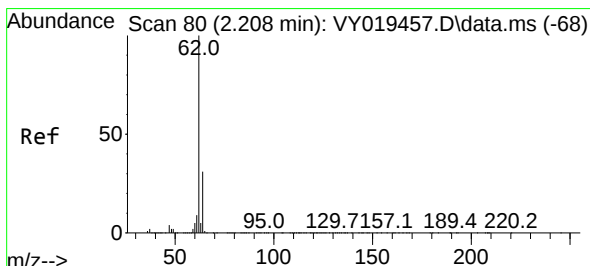
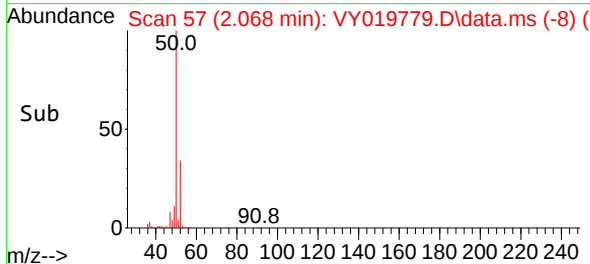
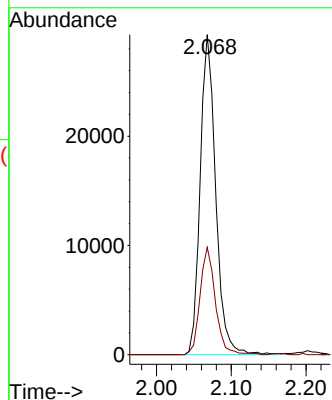
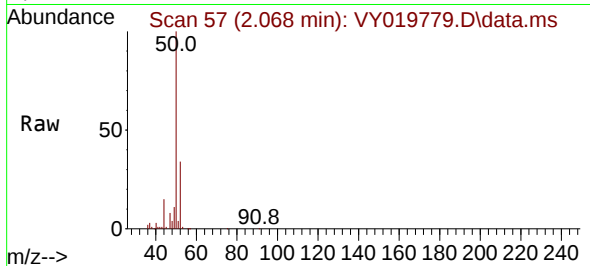




#3
Chloromethane
Concen: 18.001 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

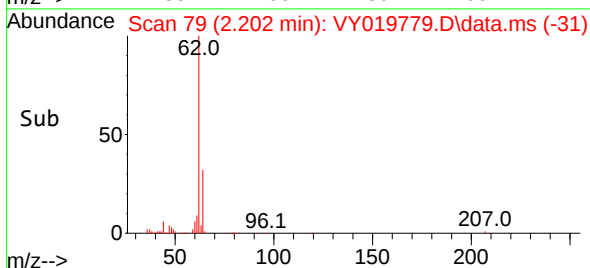
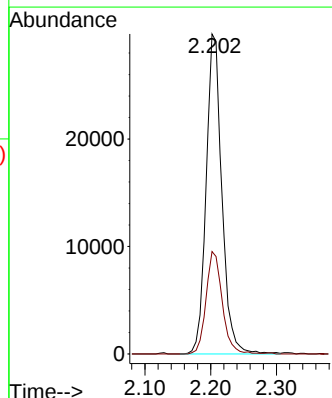
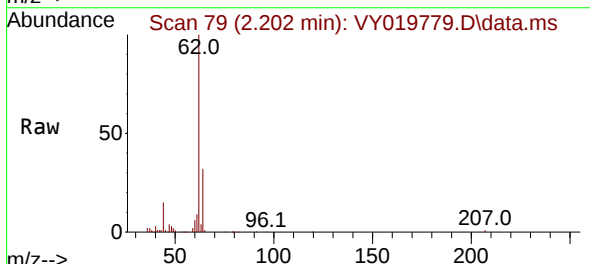
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 42190
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 19.557 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 62 Resp: 49566
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

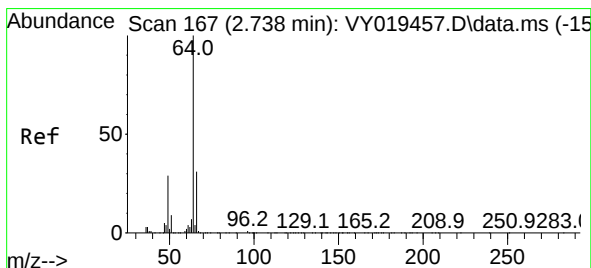
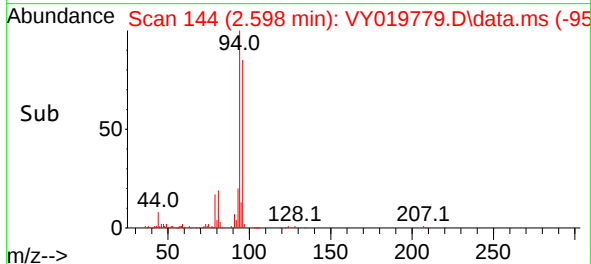
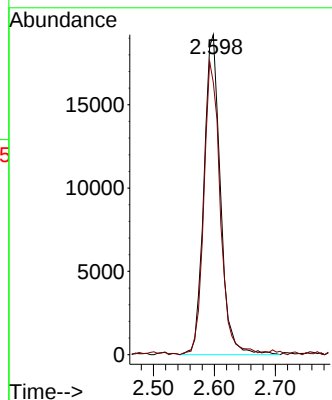
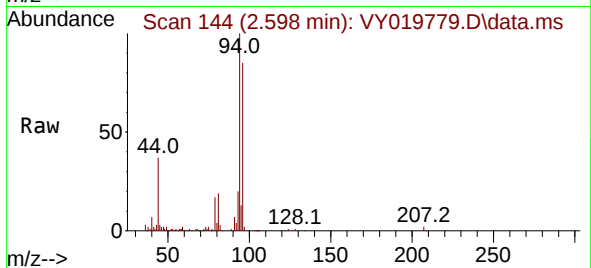




#5
Bromomethane
Concen: 23.248 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

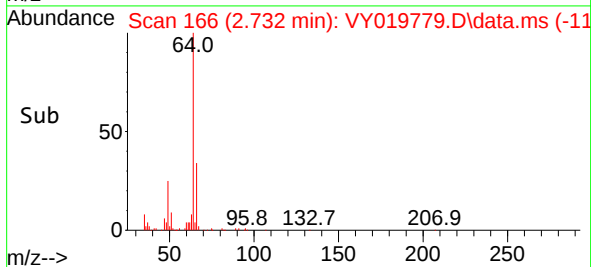
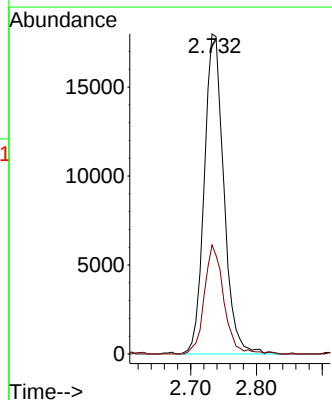
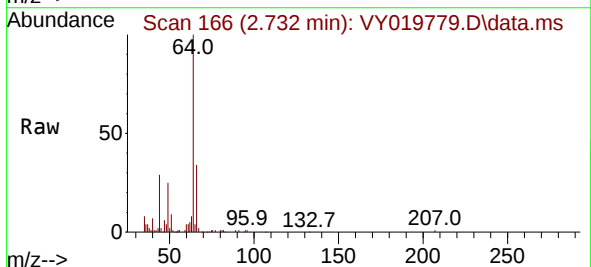
Instrument :
MSVOA_Y
ClientSampleId :

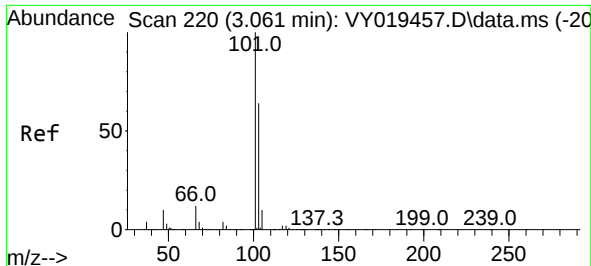
Tgt Ion: 94 Resp: 36191
Ion Ratio Lower Upper
94 100
96 85.0 74.1 111.1



#6
Chloroethane
Concen: 22.457 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 64 Resp: 37206
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1

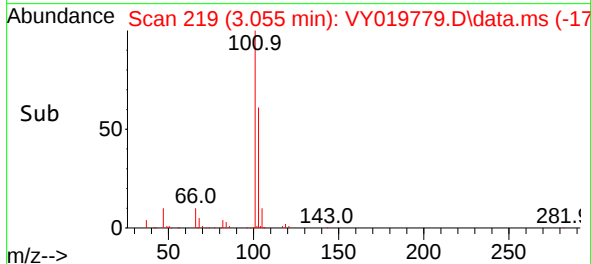
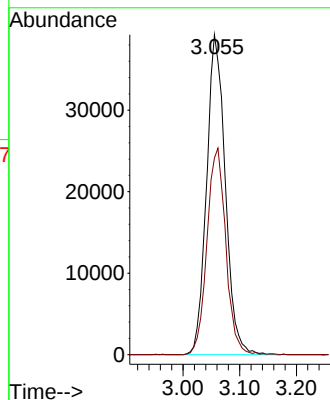
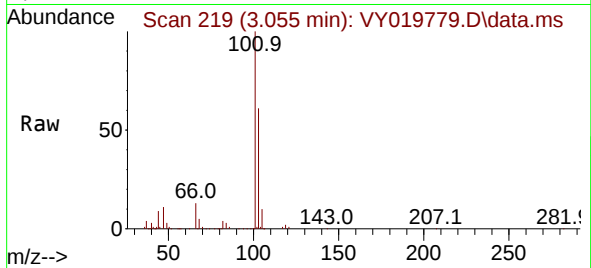




#7
Trichlorofluoromethane
Concen: 21.278 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

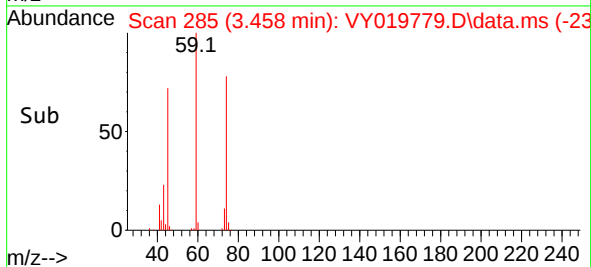
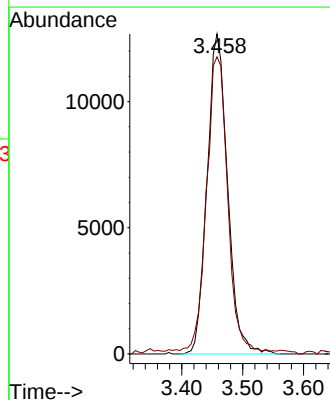
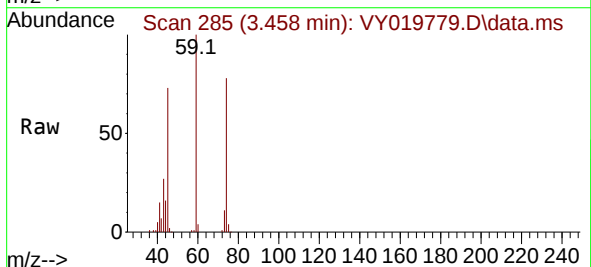
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 89893
Ion Ratio Lower Upper
101 100
103 61.5 49.3 73.9



#8
Diethyl Ether
Concen: 20.940 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 74 Resp: 29696
Ion Ratio Lower Upper
74 100
45 95.2 41.3 124.1

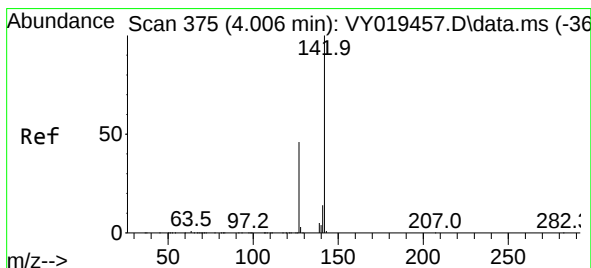
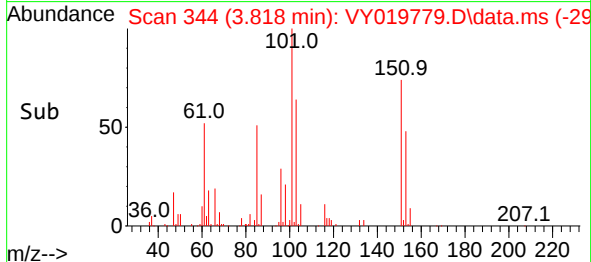
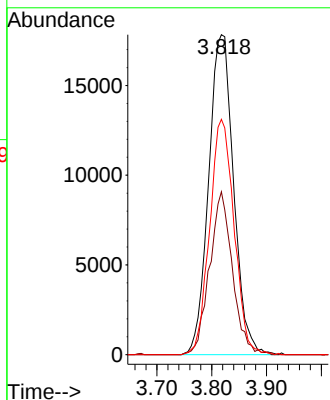
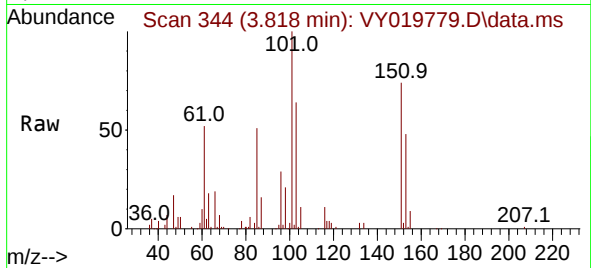




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.582 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

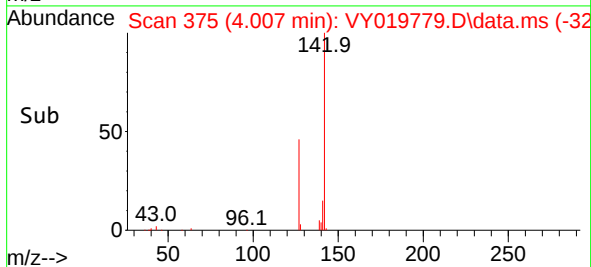
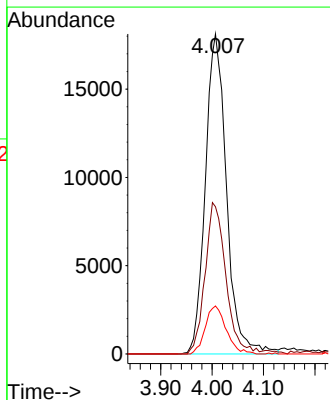
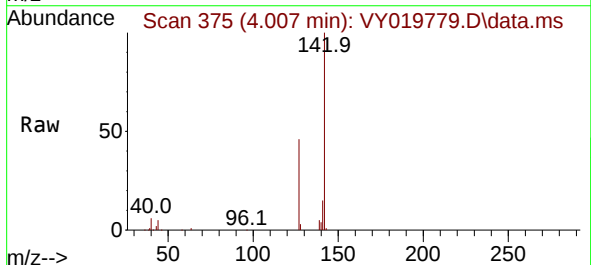
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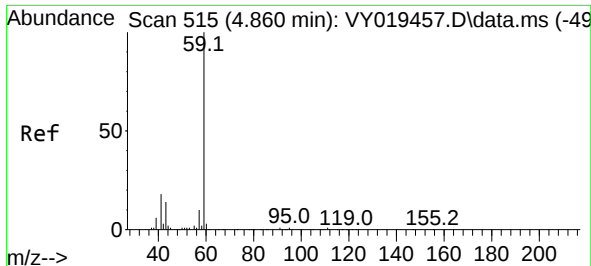
Tgt Ion:101 Resp: 56402
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 72.0 61.7 92.5



#10
Methyl Iodide
Concen: 15.461 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion:142 Resp: 51804
Ion Ratio Lower Upper
142 100
127 46.5 32.8 49.2
141 14.8 11.4 17.2

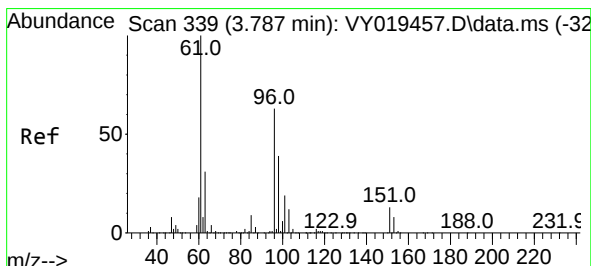
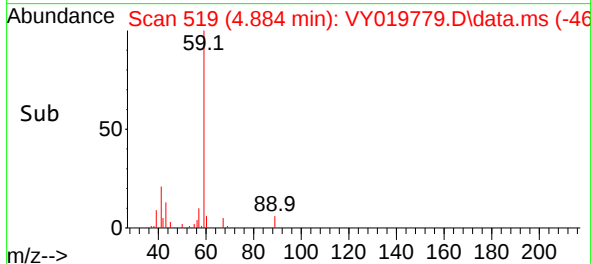
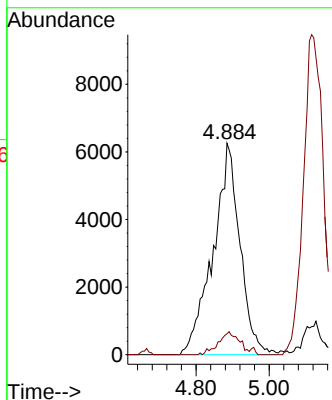
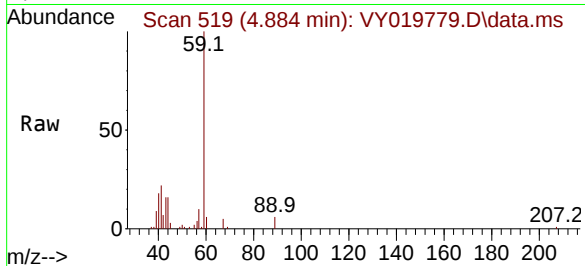




#11
Tert butyl alcohol
Concen: 151.208 ug/l
RT: 4.884 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

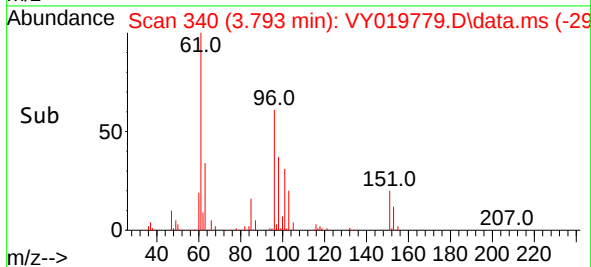
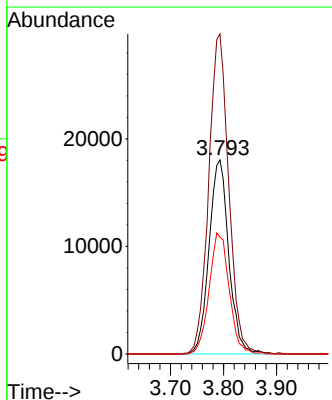
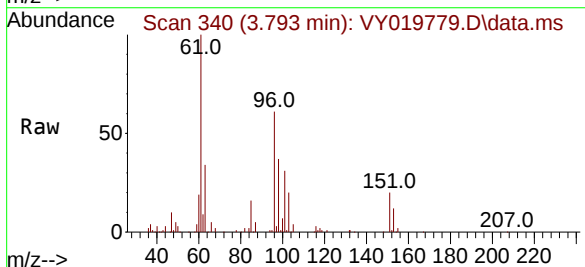
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 32032
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.589 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 96 Resp: 46720
Ion Ratio Lower Upper
96 100
61 164.8 114.6 171.8
98 60.3 50.8 76.2

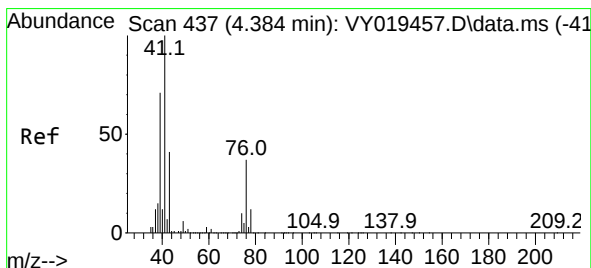
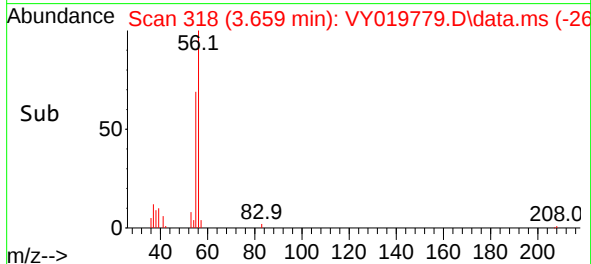
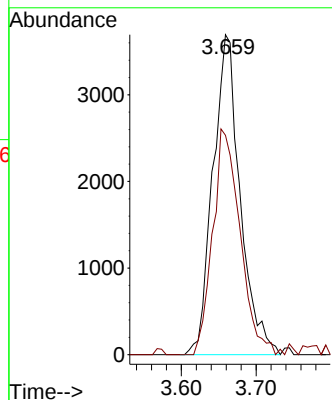
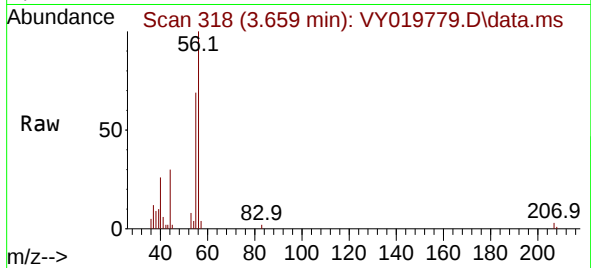




#13
Acrolein
Concen: 82.097 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

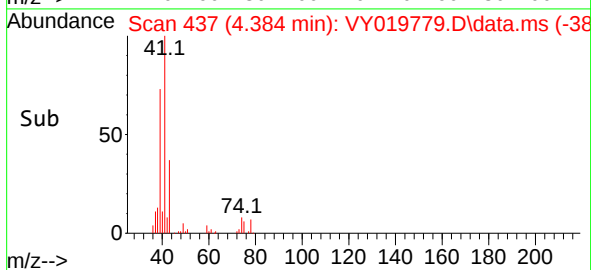
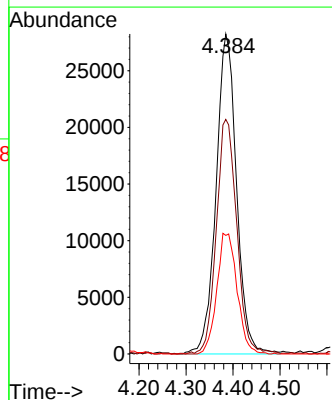
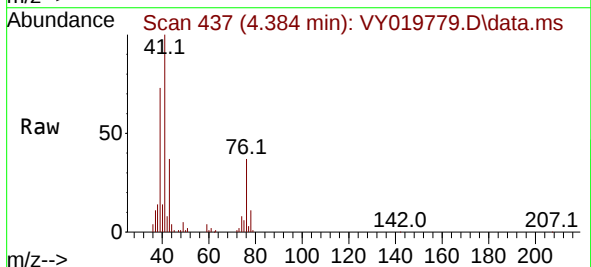
Instrument :
MSVOA_Y
ClientSampleId :

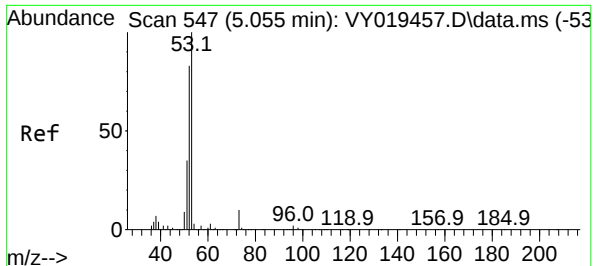
Tgt Ion: 56 Resp: 9354
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 18.997 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 41 Resp: 85625
Ion Ratio Lower Upper
41 100
39 73.2 58.3 87.5
76 37.3 39.0 58.6#

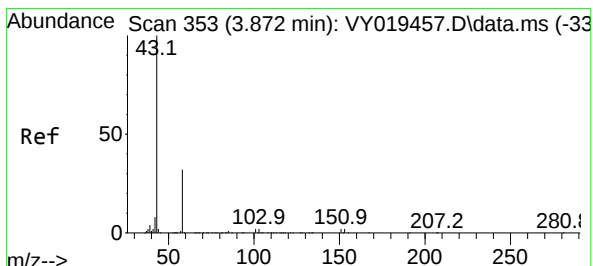
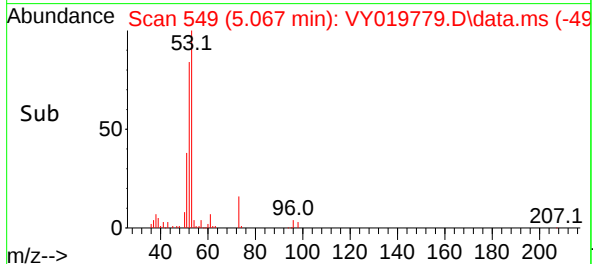
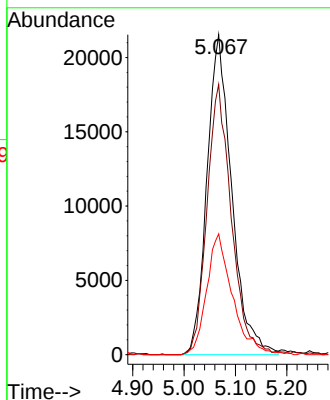
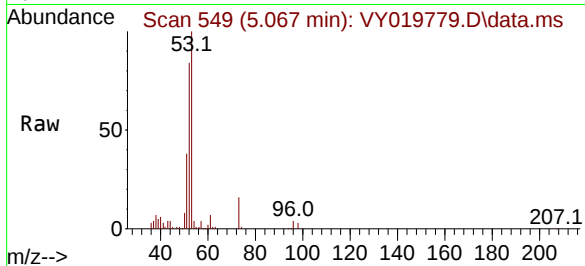




#15
Acrylonitrile
Concen: 117.879 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

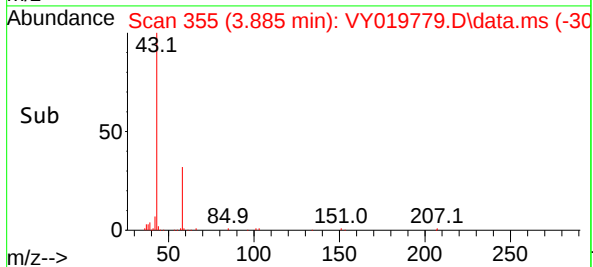
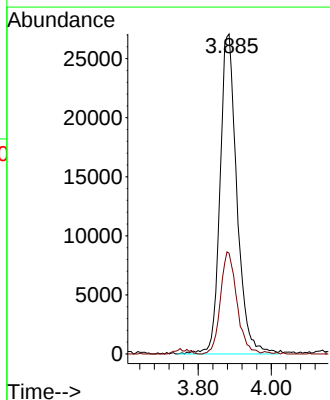
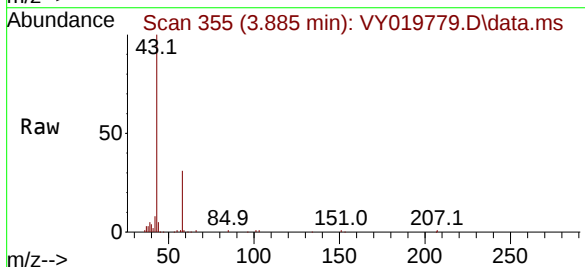
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 72079
Ion Ratio Lower Upper
53 100
52 82.8 64.7 97.1
51 39.4 28.4 42.6



#16
Acetone
Concen: 139.494 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 43 Resp: 87174
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#

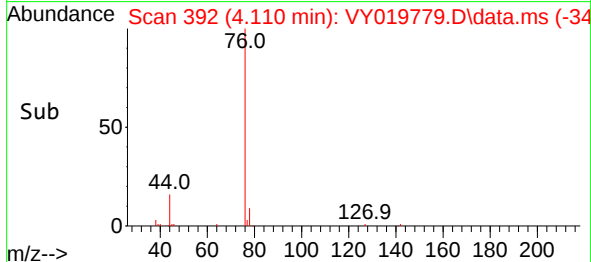
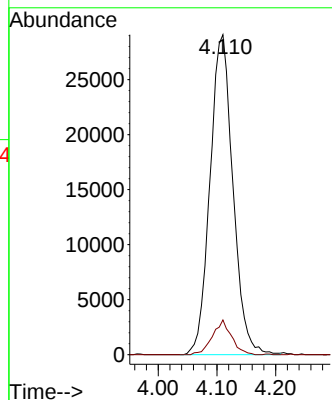
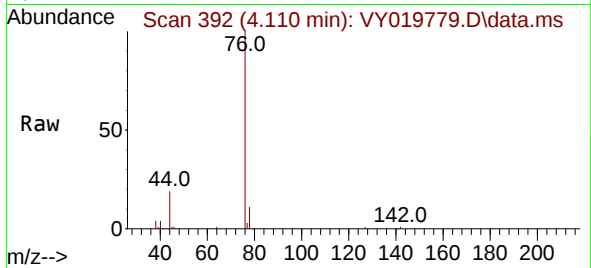




#17
Carbon Disulfide
Concen: 11.619 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

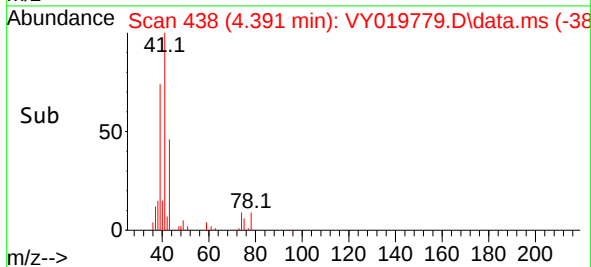
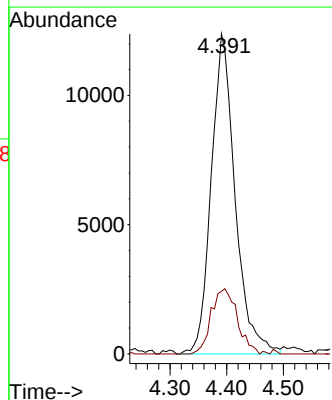
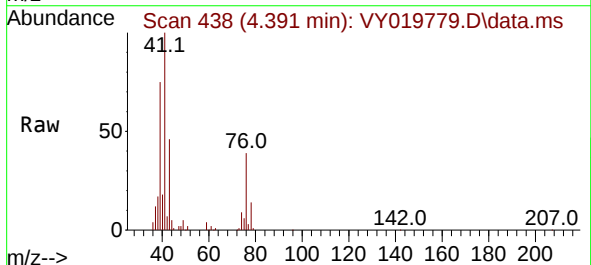
Instrument :
MSVOA_Y
ClientSampleId :

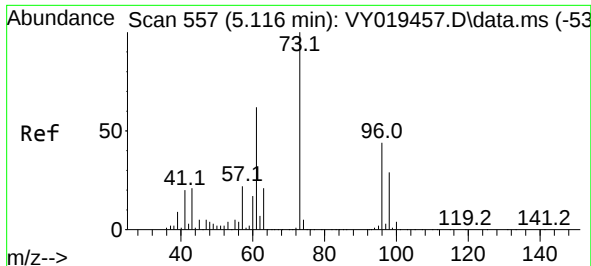
Tgt Ion: 76 Resp: 78899
Ion Ratio Lower Upper
76 100
78 10.9 6.8 10.2#



#18
Methyl Acetate
Concen: 21.369 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 43 Resp: 36240
Ion Ratio Lower Upper
43 100
74 22.4 23.3 34.9#

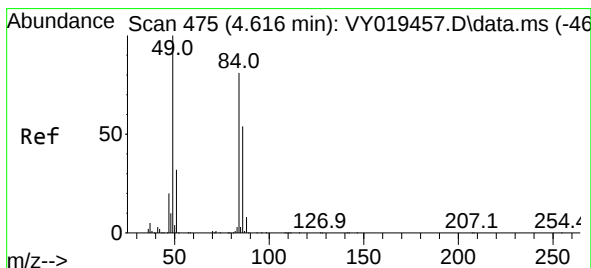
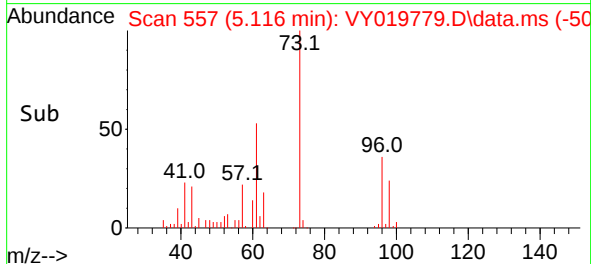
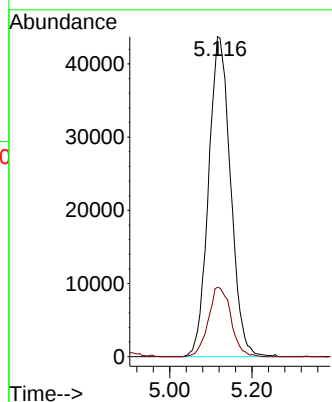
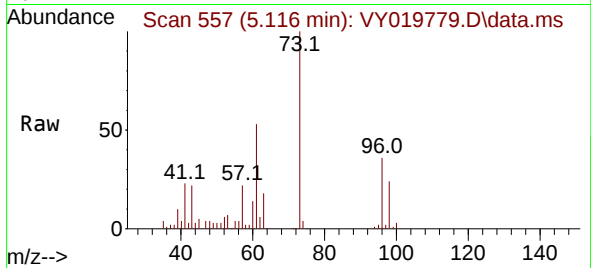




#19
Methyl tert-butyl Ether
Concen: 22.843 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

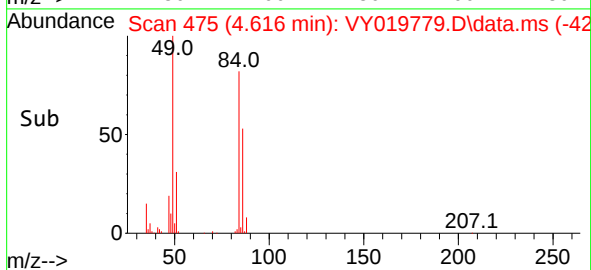
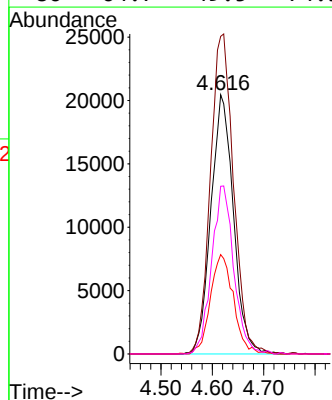
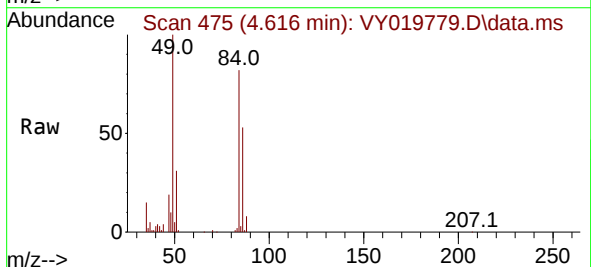
Instrument :
MSVOA_Y
ClientSampleId :

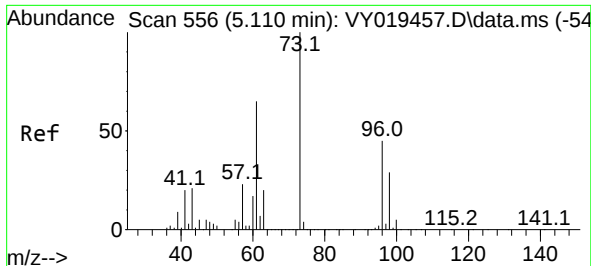
Tgt Ion: 73 Resp: 162606
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 21.804 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 84 Resp: 62142
Ion Ratio Lower Upper
84 100
49 122.5 84.4 126.6
51 38.4 26.0 39.0
86 64.7 49.5 74.3

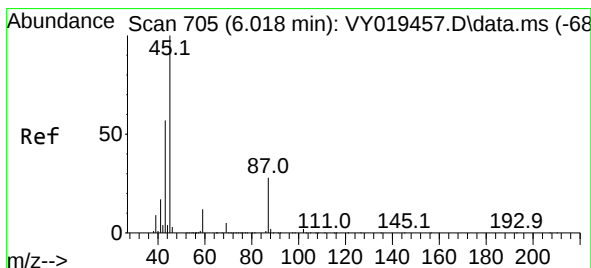
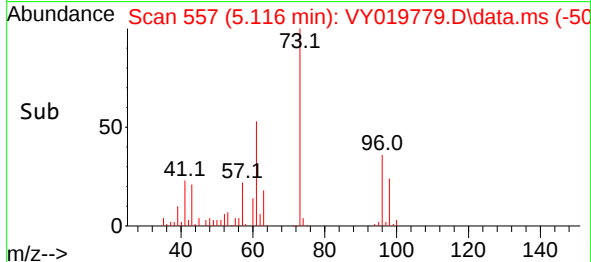
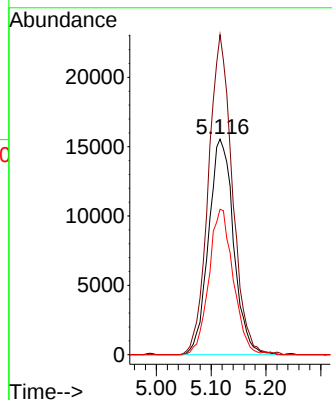
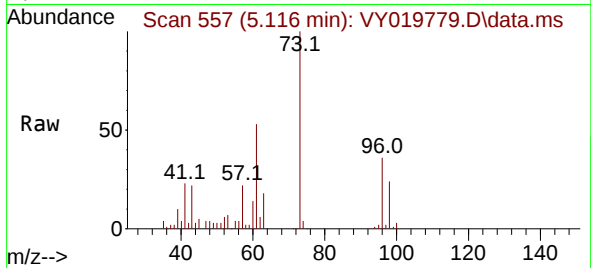




#21
trans-1,2-Dichloroethene
Concen: 17.868 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

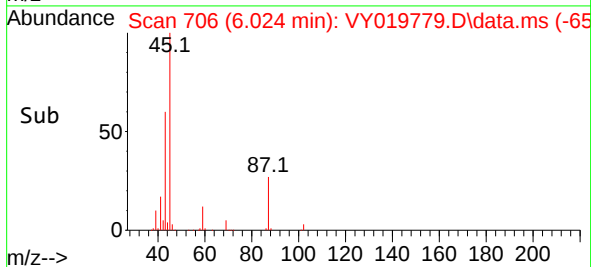
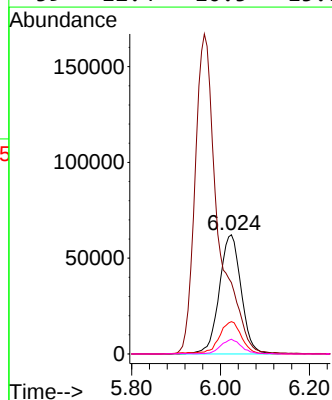
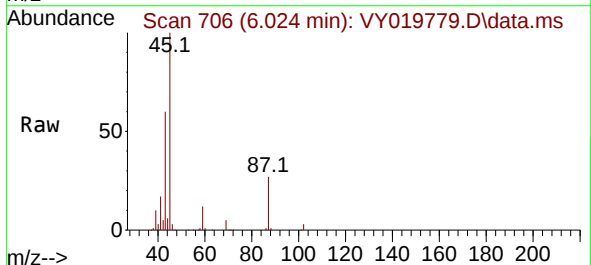
Instrument :
MSVOA_Y
ClientSampleId :

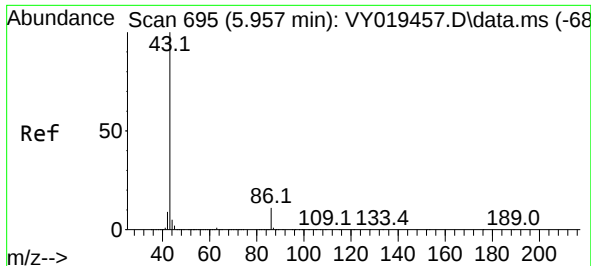
Tgt Ion: 96 Resp: 49224
Ion Ratio Lower Upper
96 100
61 148.4 97.5 146.3#
98 67.5 50.5 75.7



#22
Diisopropyl ether
Concen: 22.848 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 45 Resp: 211473
Ion Ratio Lower Upper
45 100
43 59.2 42.2 63.2
87 27.0 25.0 37.6
59 12.4 10.5 15.7

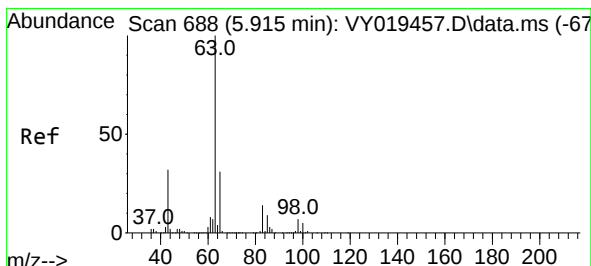
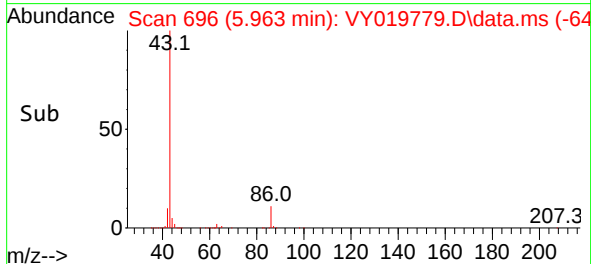
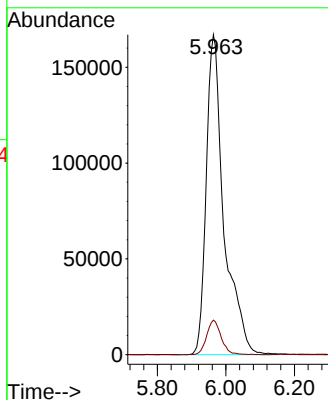
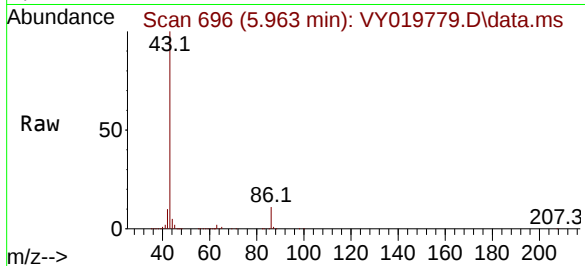




#23
 Vinyl Acetate
 Concen: 113.529 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

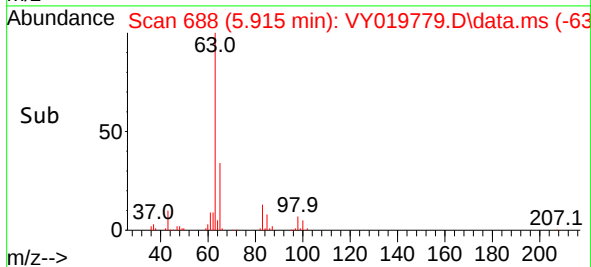
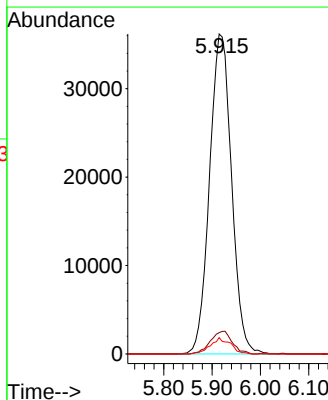
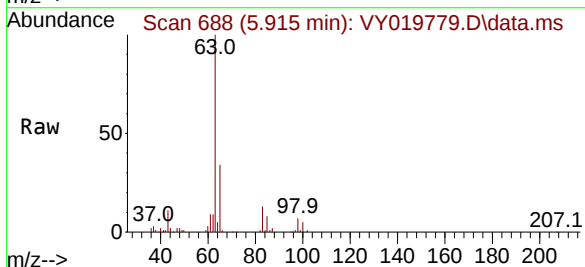
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 600194
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.037 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

Tgt Ion: 63 Resp: 114454
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 5.1 2.6 8.0

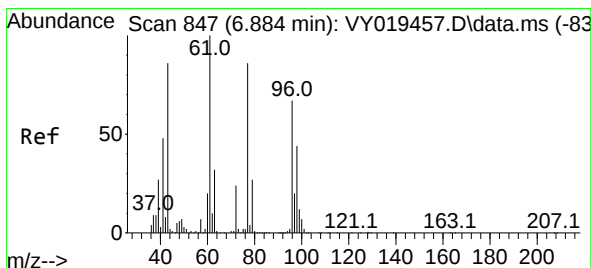
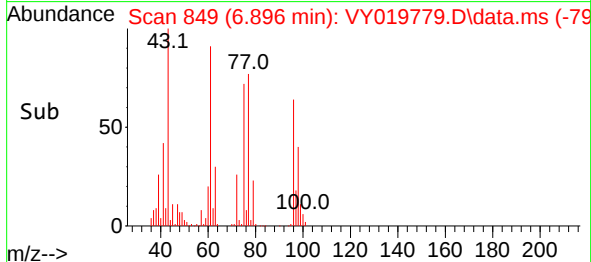
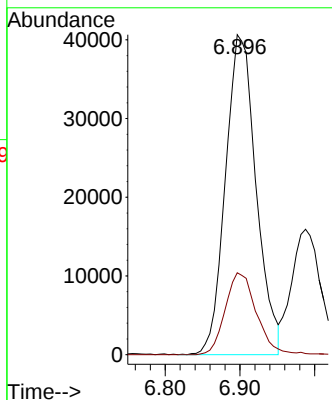
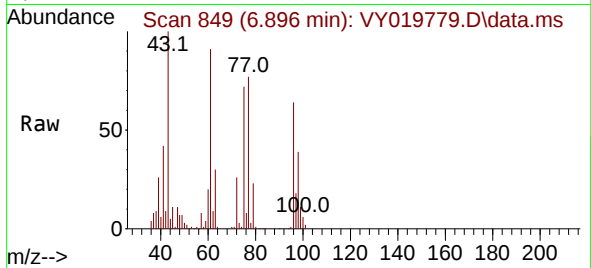




#25
2-Butanone
Concen: 130.638 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

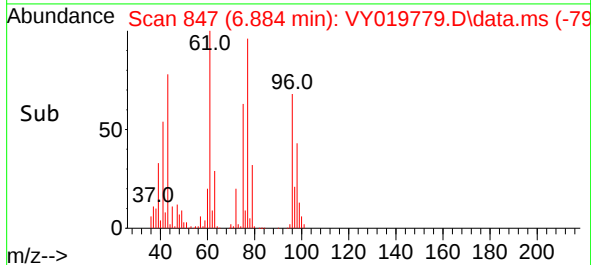
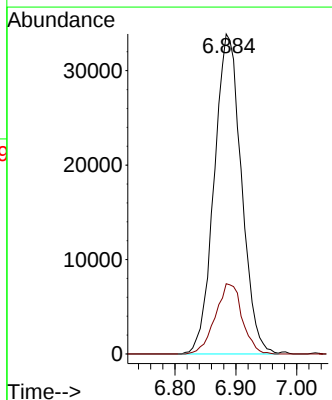
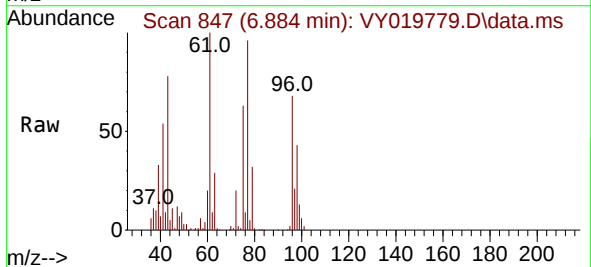
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 116112
Ion Ratio Lower Upper
43 100
72 25.6 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 22.447 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 77 Resp: 105161
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1

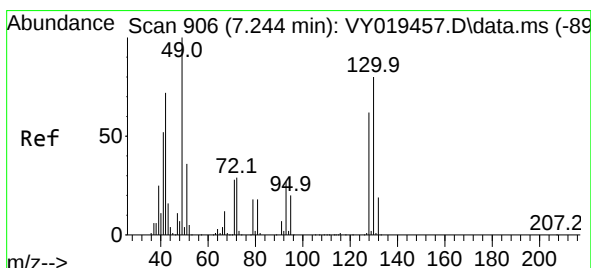
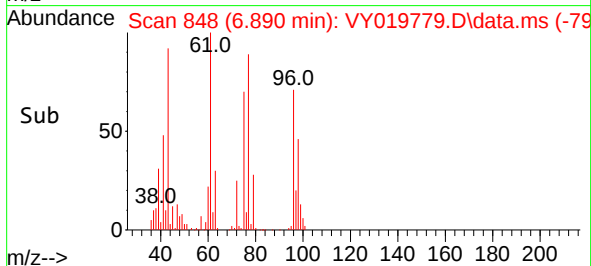
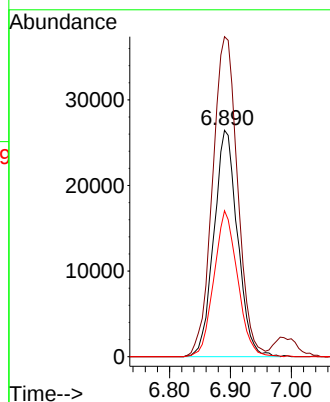
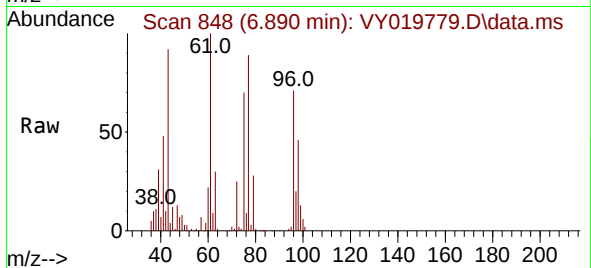




#27
 cis-1,2-Dichloroethene
 Concen: 21.343 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

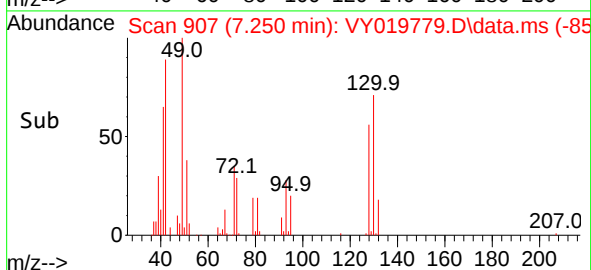
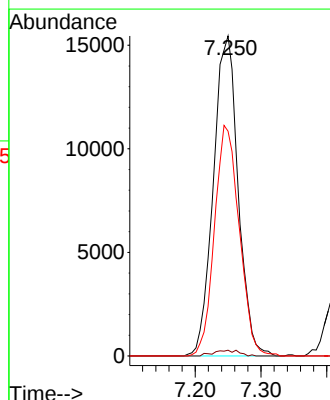
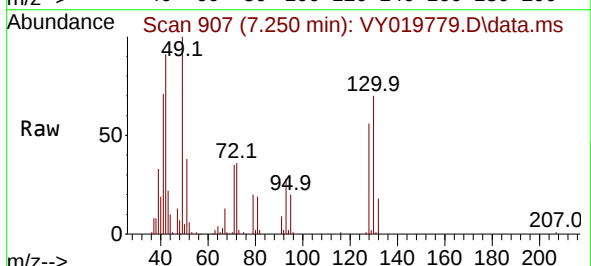
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 71421
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 256.2
 98 64.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 18.556 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

Tgt Ion: 49 Resp: 40549
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 72.0 72.7 109.1#

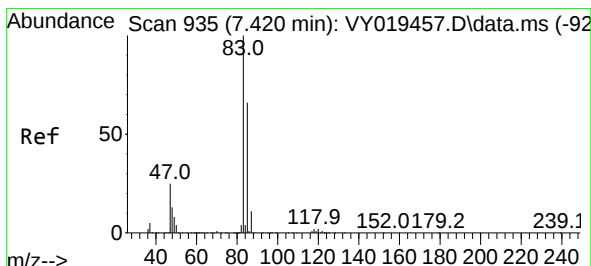
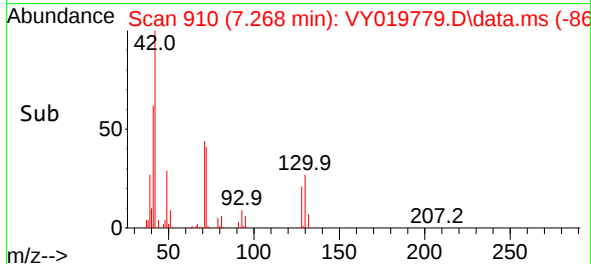
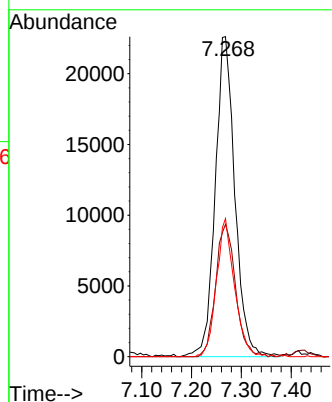
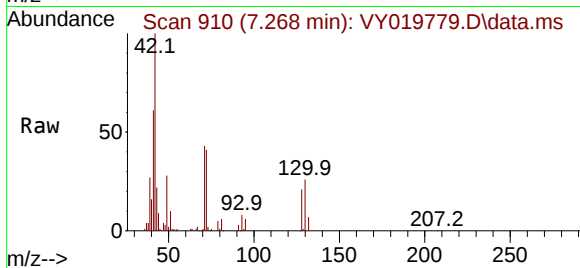




#29
Tetrahydrofuran
Concen: 114.697 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

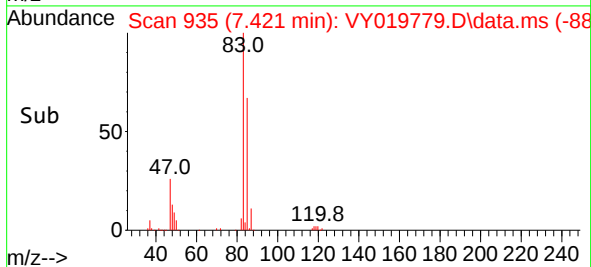
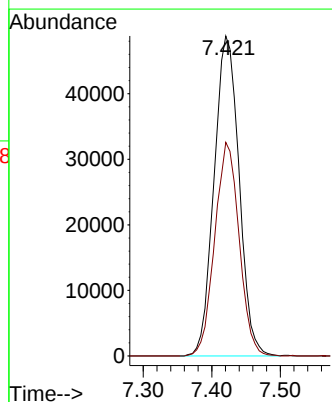
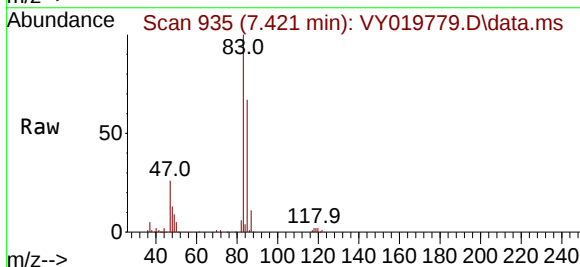
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 61983
Ion Ratio Lower Upper
42 100
72 41.8 43.0 64.4#
71 39.7 40.8 61.2#



#30
Chloroform
Concen: 23.296 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

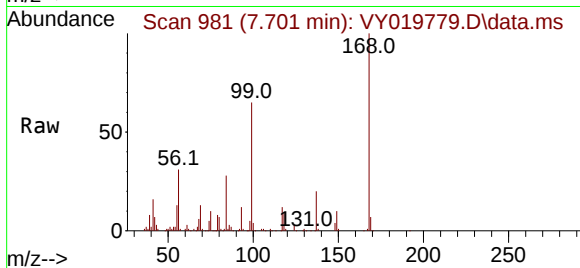
Tgt Ion: 83 Resp: 123514
Ion Ratio Lower Upper
83 100
85 66.7 52.2 78.4



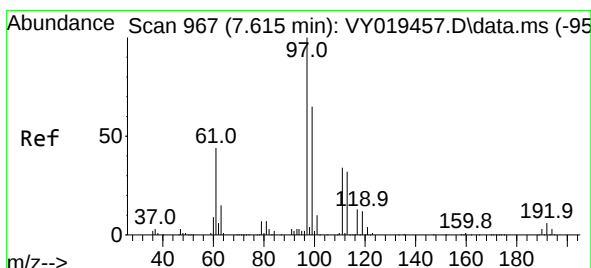
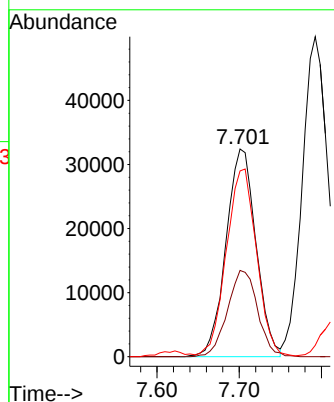
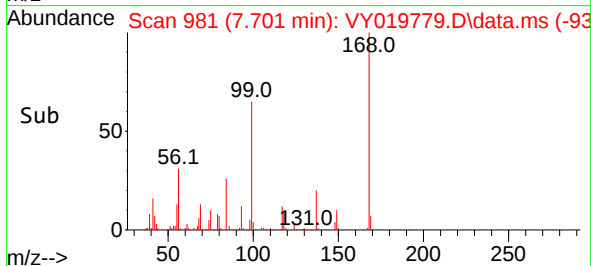


#31
Cyclohexane
Concen: 17.510 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Instrument :
MSVOA_Y
ClientSampleId :

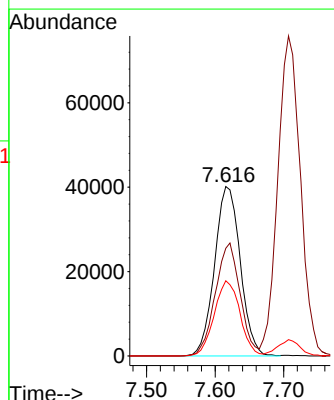
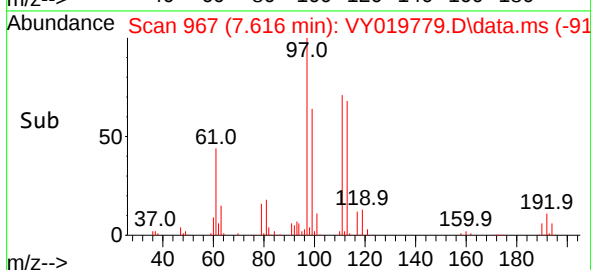
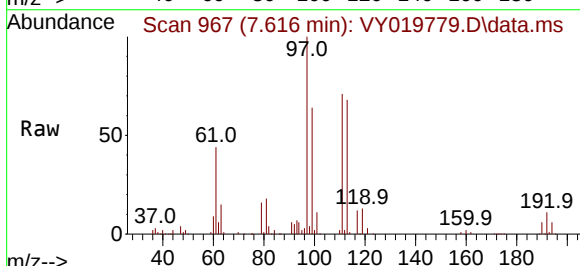


Tgt Ion:	56	Resp:	82202
Ion Ratio	Lower	Upper	
56	100		
69	41.5	28.7	43.1
84	87.5	77.7	116.5



#32
1,1,1-Trichloroethane
Concen: 22.024 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion:	97	Resp:	104665
Ion Ratio	Lower	Upper	
97	100		
99	64.6	50.3	75.5
61	44.5	32.6	48.8





#33

1,2-Dichloroethane-d4

Concen: 57.257 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

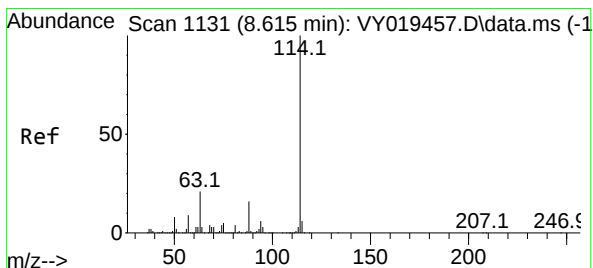
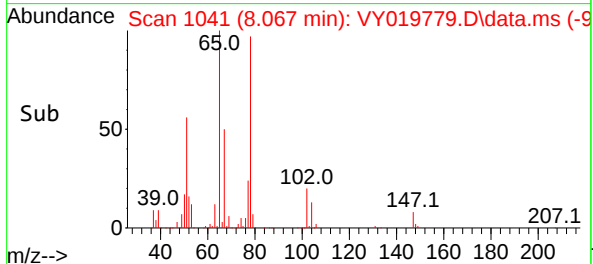
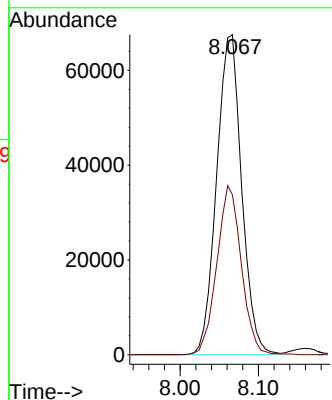
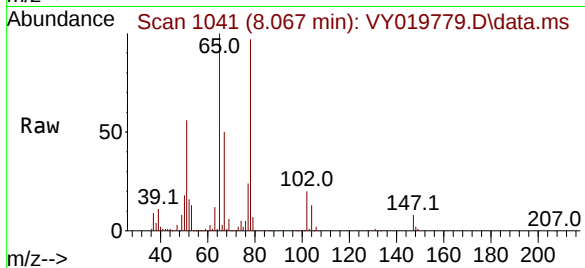
ClientSampleId :

Tgt Ion: 65 Resp: 150194

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

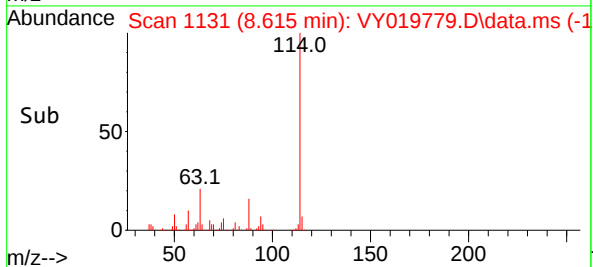
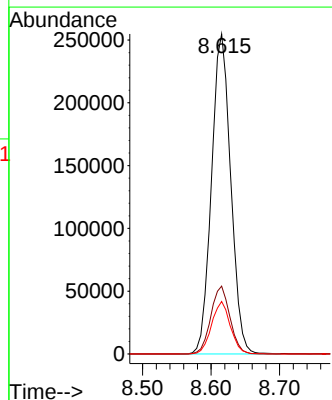
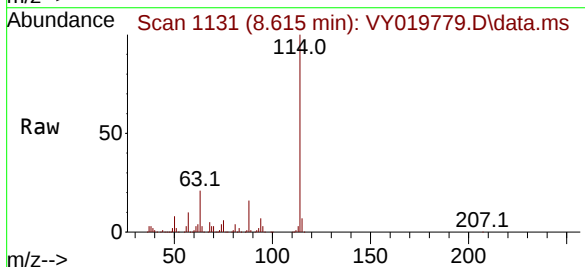
Tgt Ion: 114 Resp: 496388

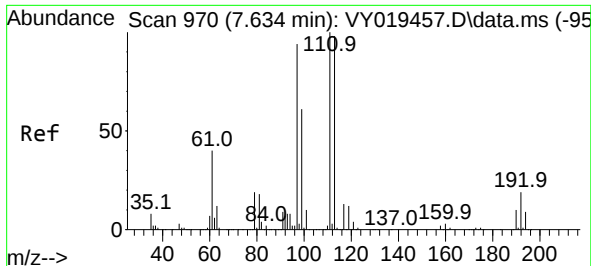
Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

88 16.4 0.0 27.2

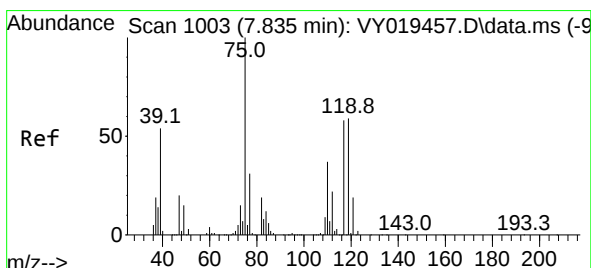
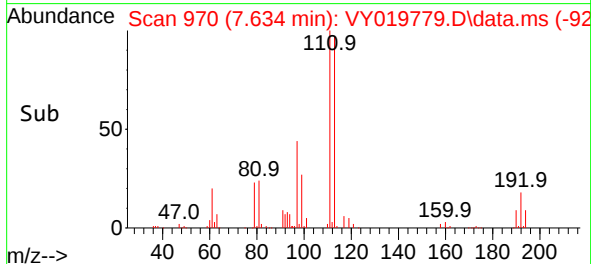
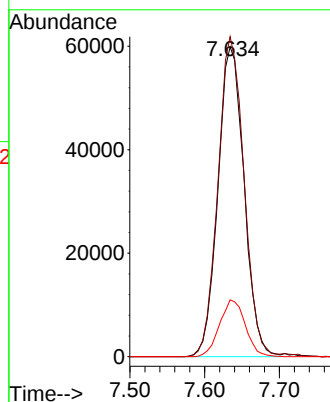
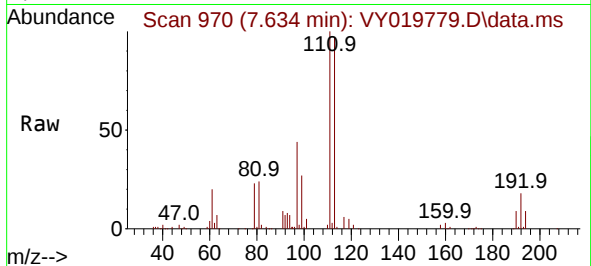




#35
 Dibromofluoromethane
 Concen: 51.662 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

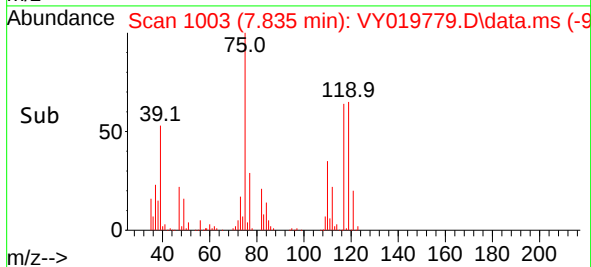
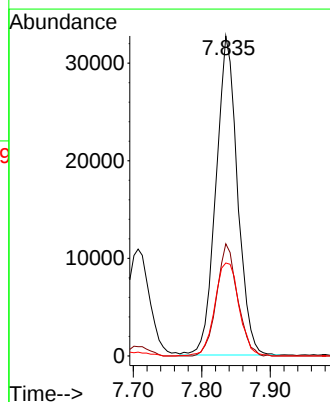
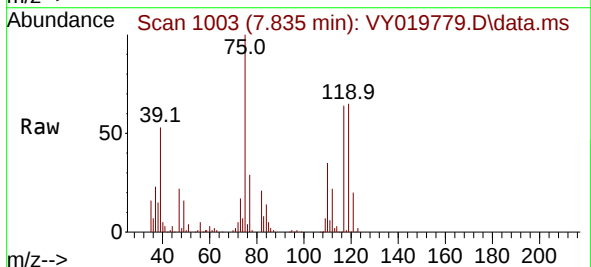
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:113 Resp: 145400
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.1 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 18.559 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019779.D
 Acq: 03 Oct 2024 11:29

Tgt Ion: 75 Resp: 71076
 Ion Ratio Lower Upper
 75 100
 110 34.3 19.0 57.0
 77 32.9 25.3 37.9





#37

Ethyl Acetate

Concen: 22.857 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

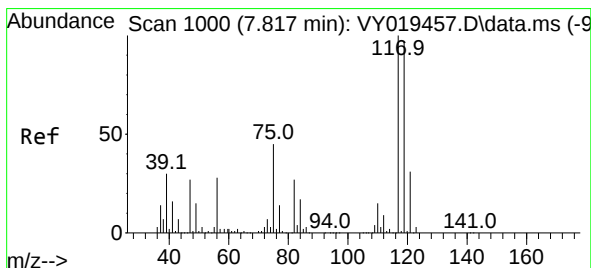
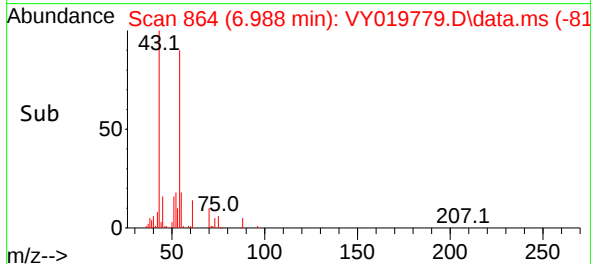
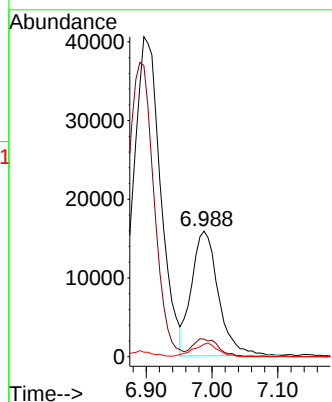
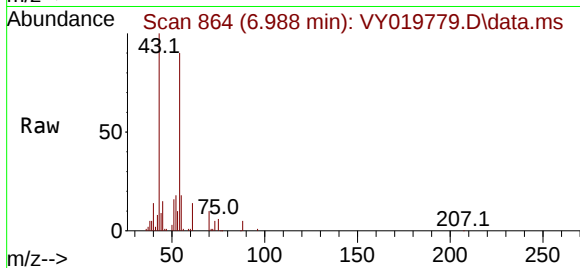
Tgt Ion: 43 Resp: 44851

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 9.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.873 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

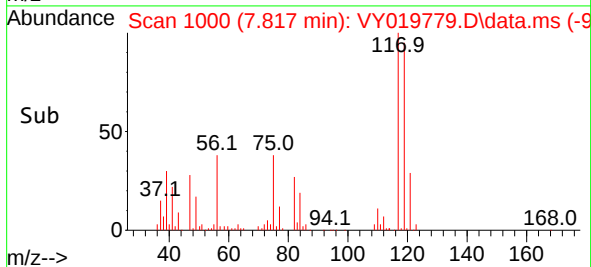
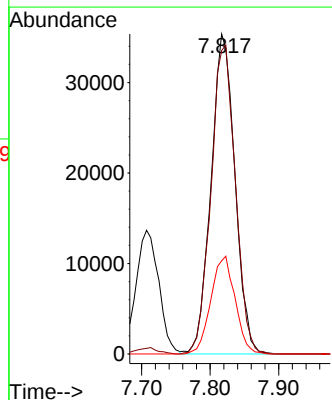
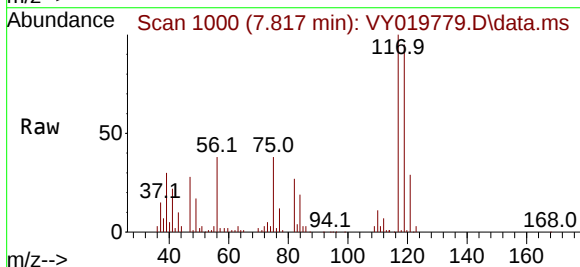
Tgt Ion: 117 Resp: 85825

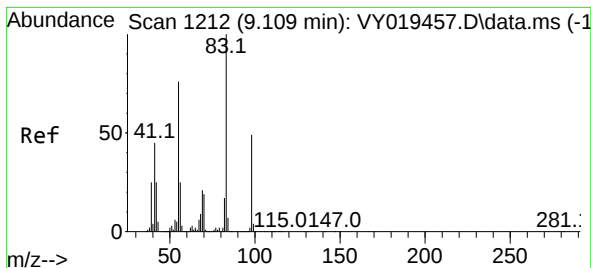
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 29.1 24.0 36.0





#39

Methylcyclohexane

Concen: 16.942 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

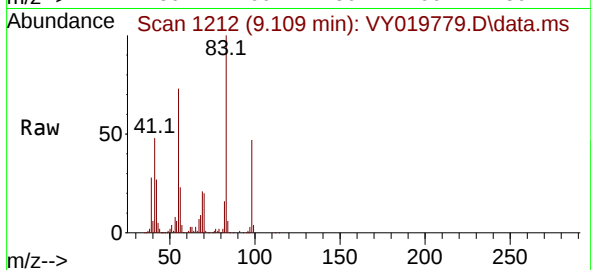
Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :



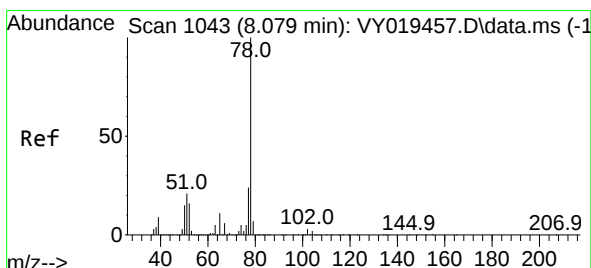
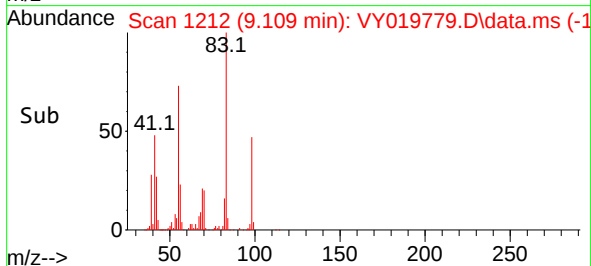
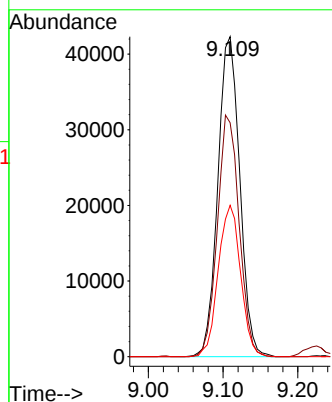
Tgt Ion: 83 Resp: 86343

Ion Ratio Lower Upper

83 100

55 73.1 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 19.929 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019779.D

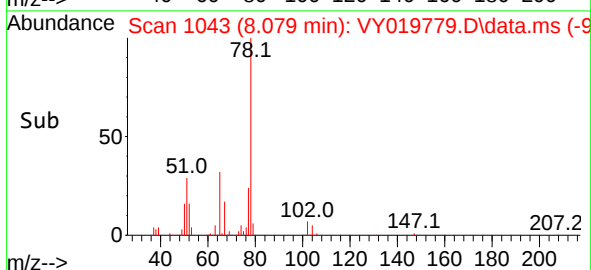
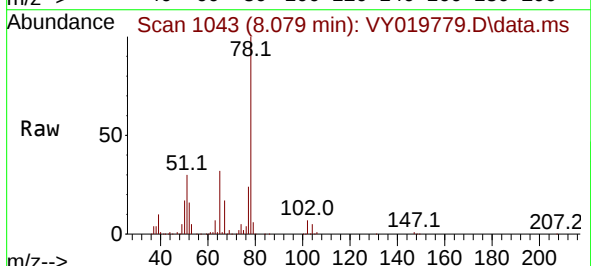
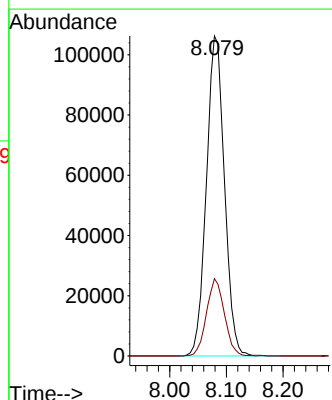
Acq: 03 Oct 2024 11:29

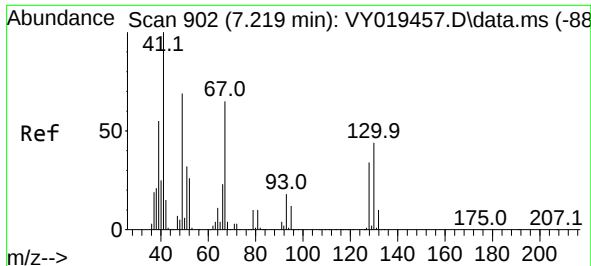
Tgt Ion: 78 Resp: 235067

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

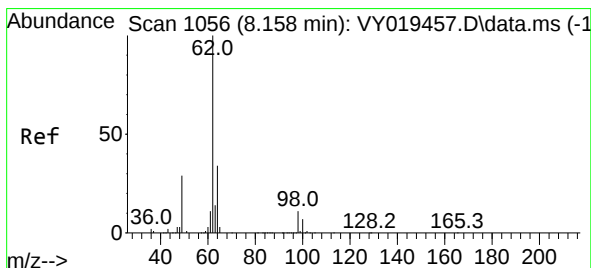
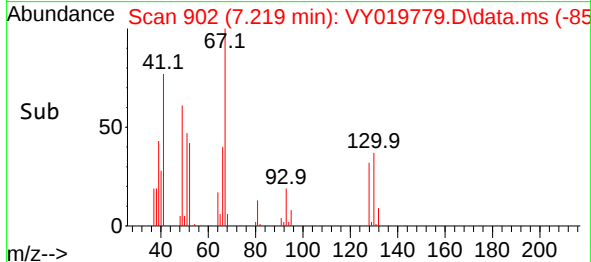
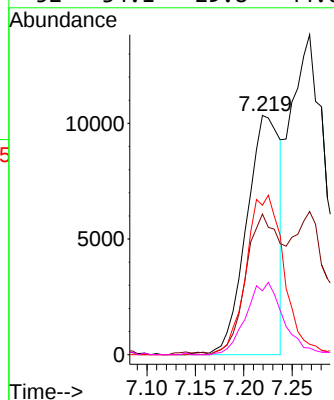
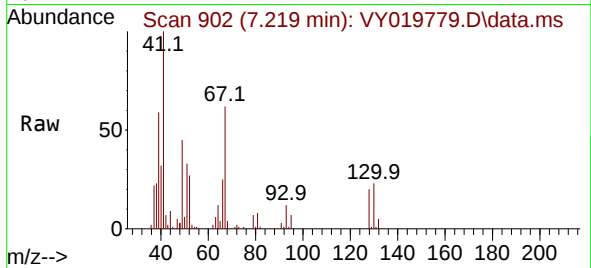




#41
Methacrylonitrile
Concen: 21.689 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

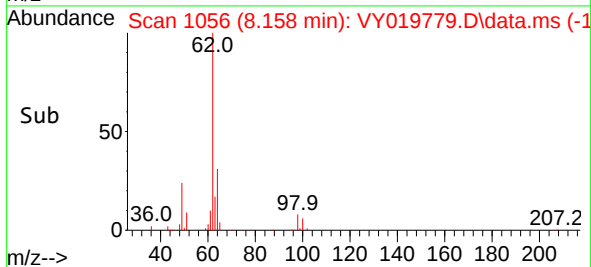
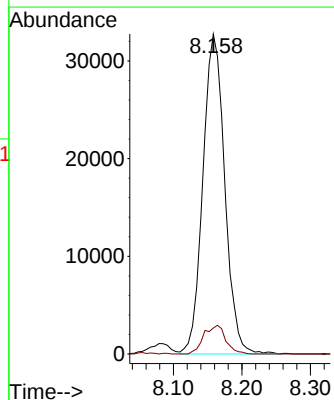
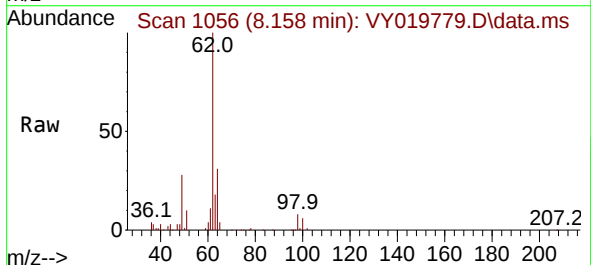
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	41	Resp:	24808
Ion	Ratio	Lower	Upper
41	100		
39	64.2	48.0	72.0
67	75.5	75.1	112.7
52	34.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.898 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion:	62	Resp:	72679
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	22.0

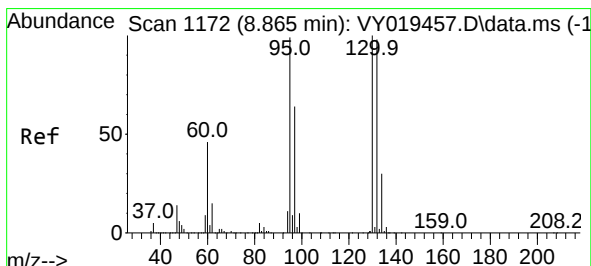
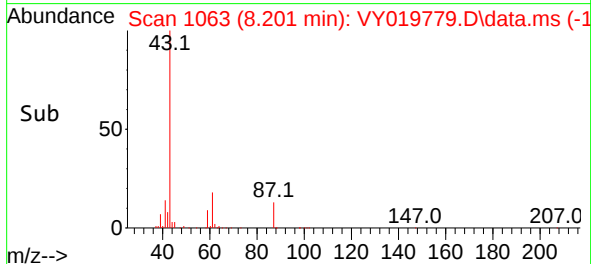
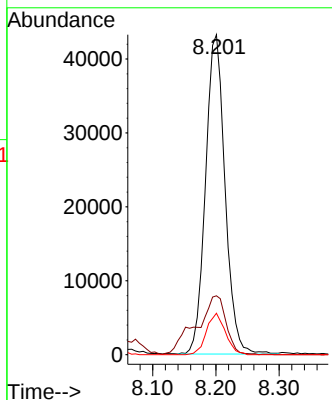
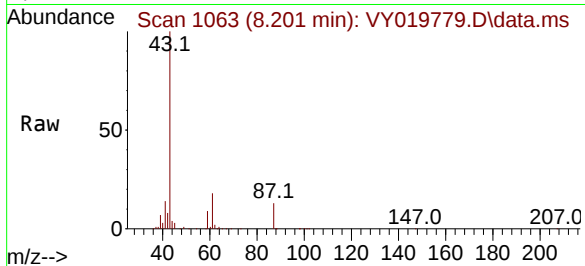




#43
Isopropyl Acetate
Concen: 22.470 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

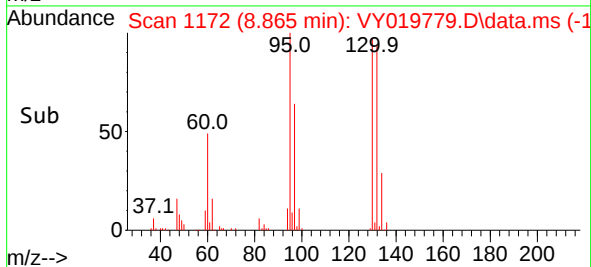
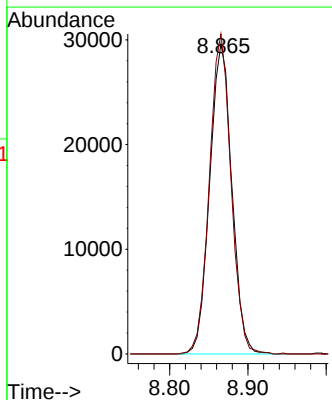
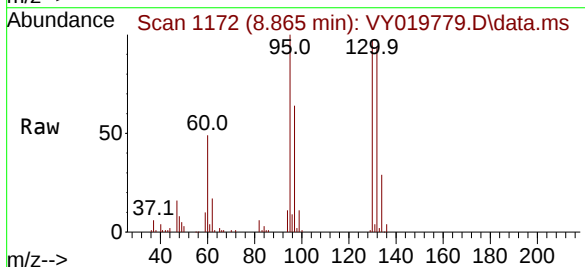
Instrument :
MSVOA_Y
ClientSampleId :

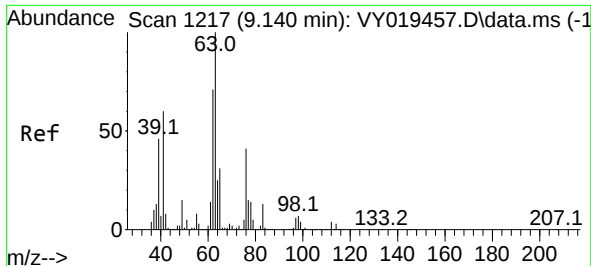
Tgt Ion: 43 Resp: 92632
Ion Ratio Lower Upper
43 100
61 28.2 27.9 41.9
87 12.6 13.1 19.7#



#44
Trichloroethene
Concen: 19.110 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion:130 Resp: 57971
Ion Ratio Lower Upper
130 100
95 103.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.543 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

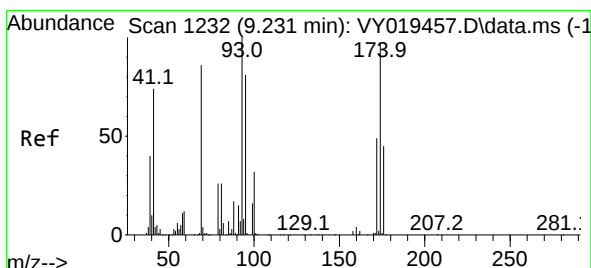
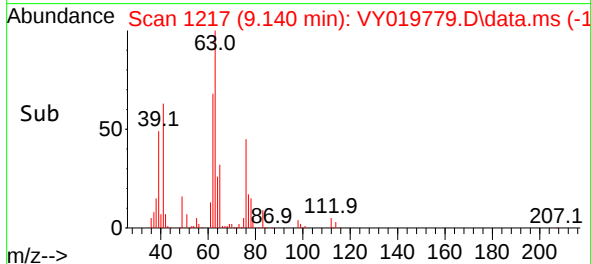
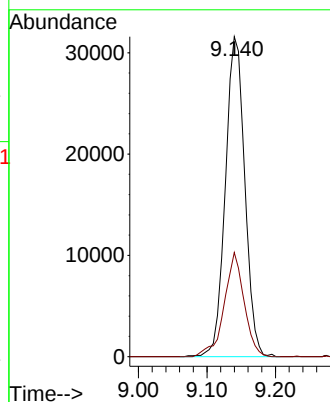
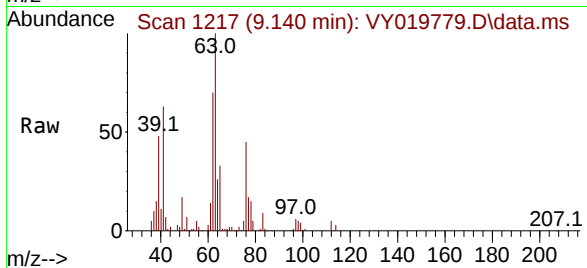
ClientSampleId :

Tgt Ion: 63 Resp: 62122

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 21.609 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

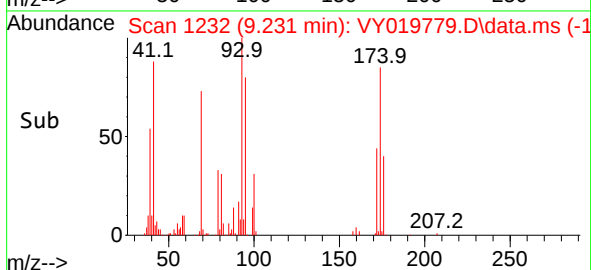
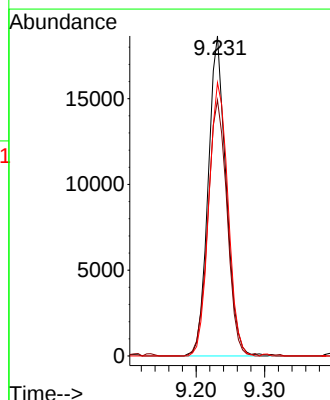
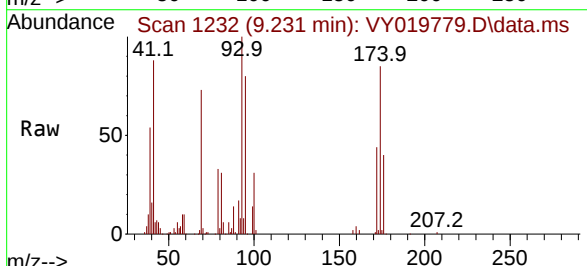
Tgt Ion: 93 Resp: 34077

Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 90.7 80.9 121.3

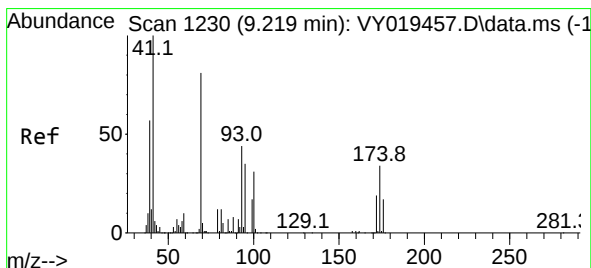
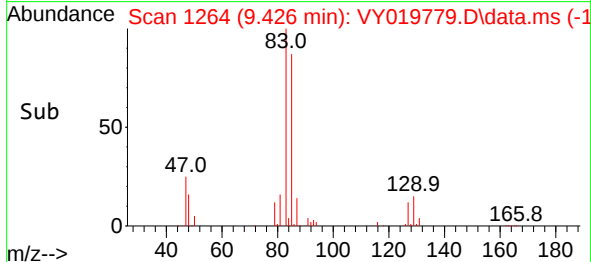
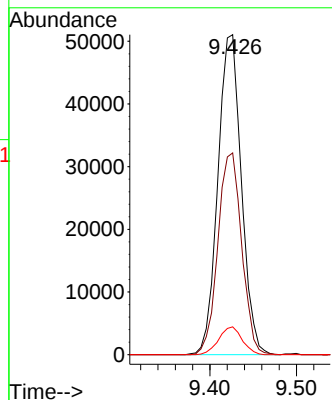
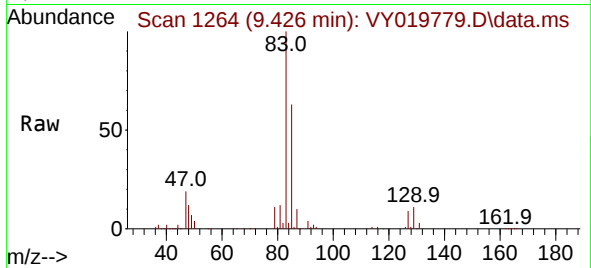




#47
Bromodichloromethane
Concen: 22.696 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

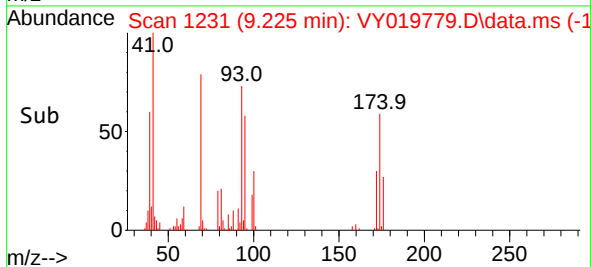
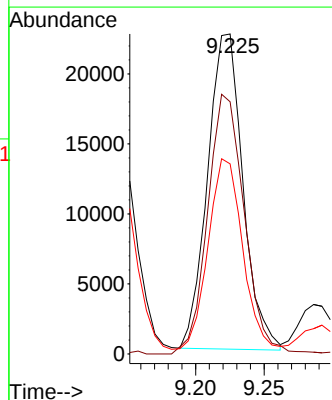
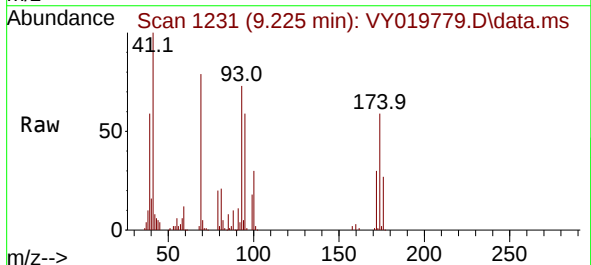
Instrument :
MSVOA_Y
ClientSampleId :

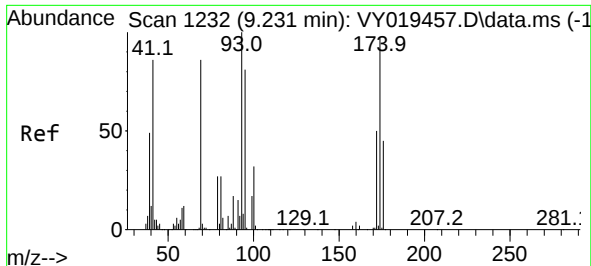
Tgt Ion: 83 Resp: 96208
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 20.758 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 41 Resp: 40410
Ion Ratio Lower Upper
41 100
69 85.6 84.1 126.1
39 62.3 43.6 65.4





#49

1,4-Dioxane

Concen: 435.301 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

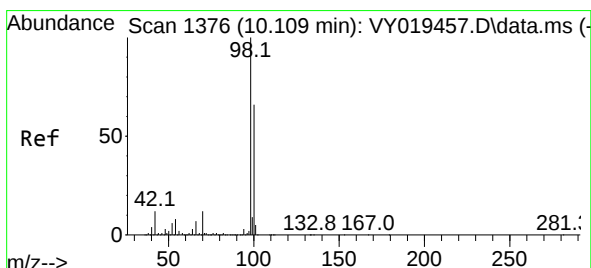
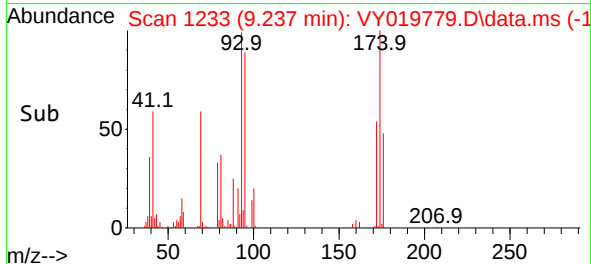
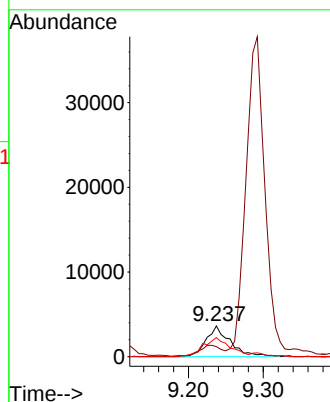
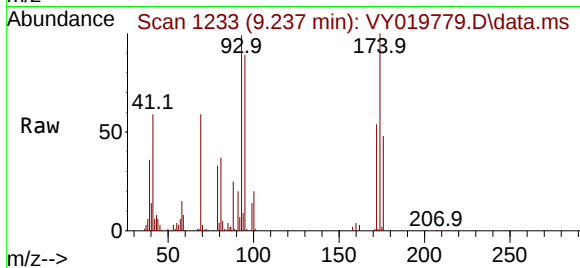
Tgt Ion: 88 Resp: 8081

Ion Ratio Lower Upper

88 100

43 33.1 0.0 0.0#

58 68.9 49.3 73.9



#50

Toluene-d8

Concen: 50.107 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019779.D

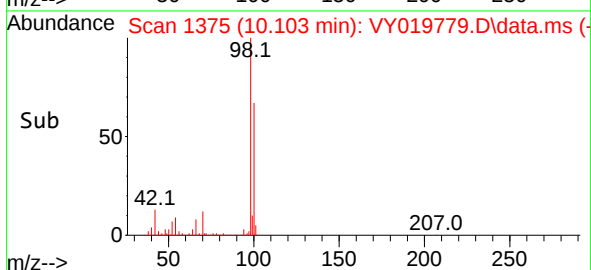
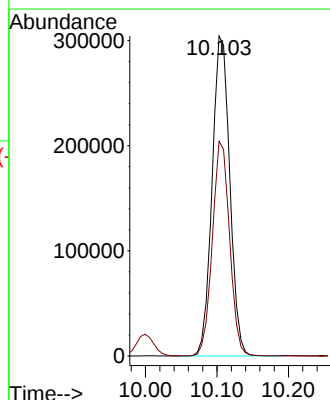
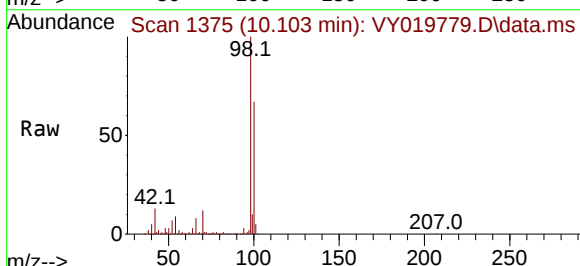
Acq: 03 Oct 2024 11:29

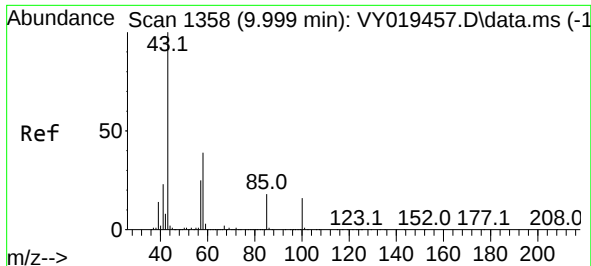
Tgt Ion: 98 Resp: 521608

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

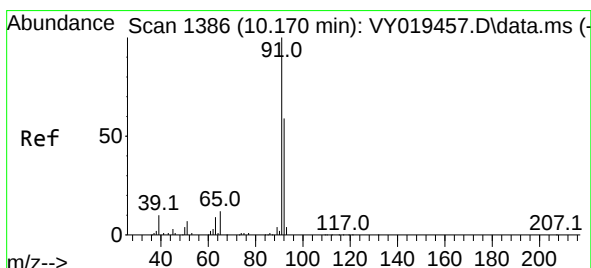
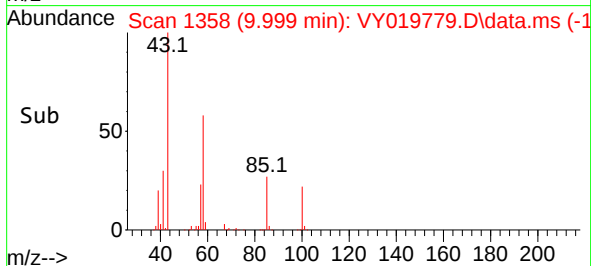
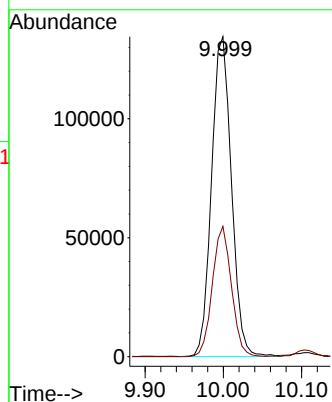
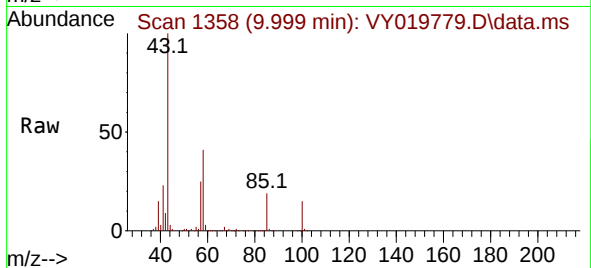




#51
4-Methyl-2-Pentanone
Concen: 114.277 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

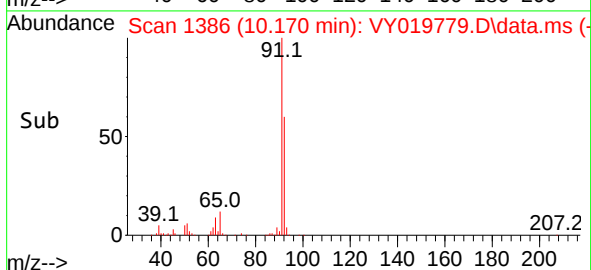
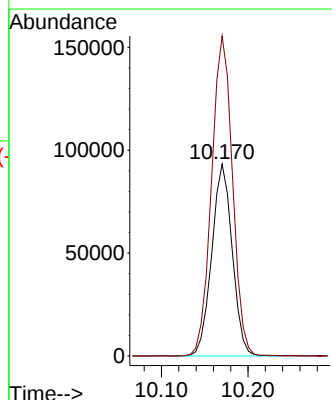
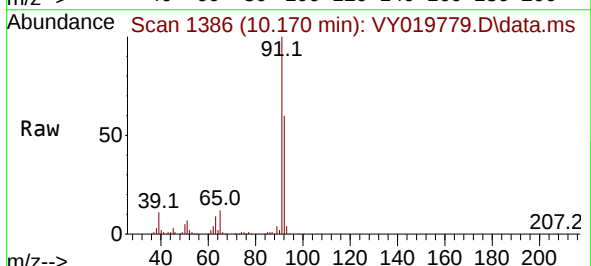
Instrument :
MSVOA_Y
ClientSampleId :

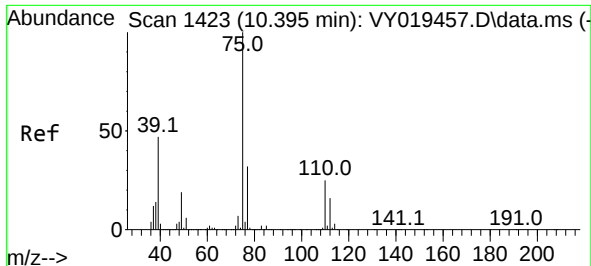
Tgt Ion: 43 Resp: 237007
Ion Ratio Lower Upper
43 100
58 39.1 35.7 53.5



#52
Toluene
Concen: 20.167 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 92 Resp: 152993
Ion Ratio Lower Upper
92 100
91 171.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.491 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

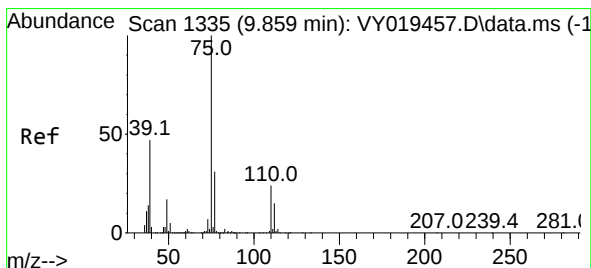
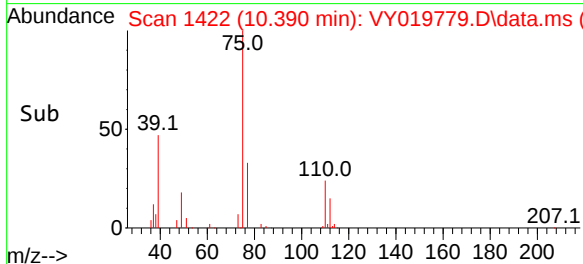
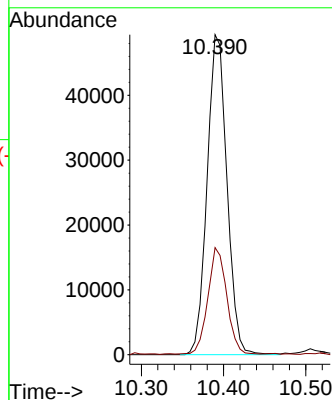
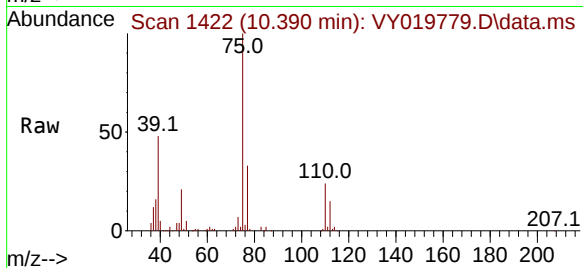
ClientSampleId :

Tgt Ion: 75 Resp: 82800

Ion Ratio Lower Upper

75 100

77 33.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.621 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

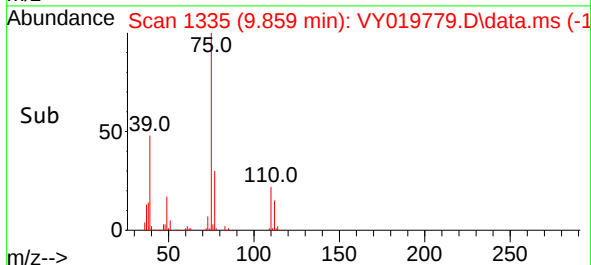
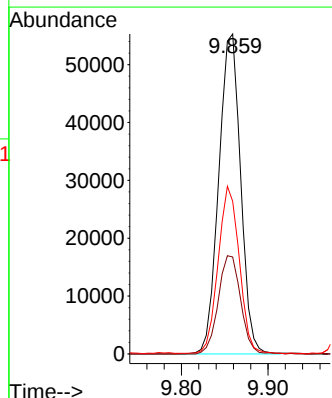
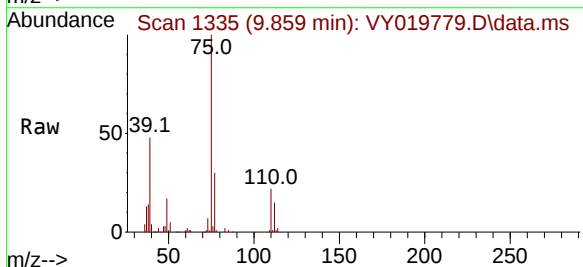
Tgt Ion: 75 Resp: 97025

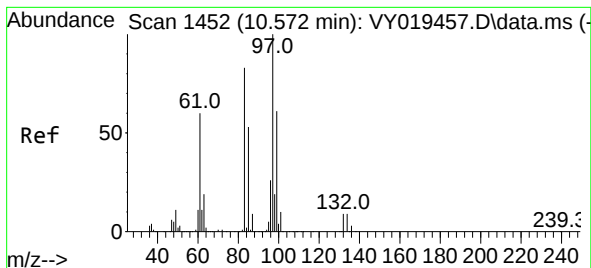
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

39 47.5 29.8 44.6#

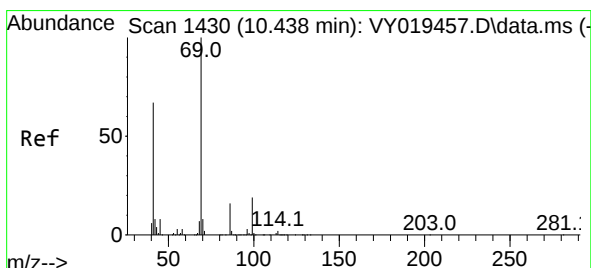
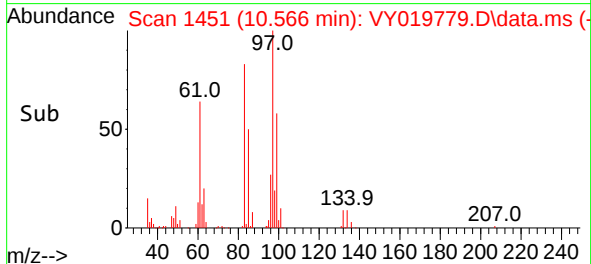
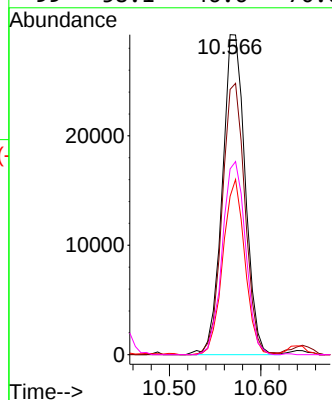
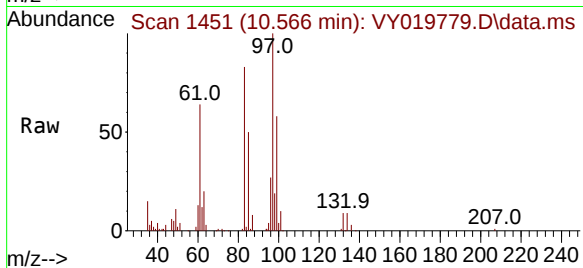




#55
1,1,2-Trichloroethane
Concen: 23.374 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

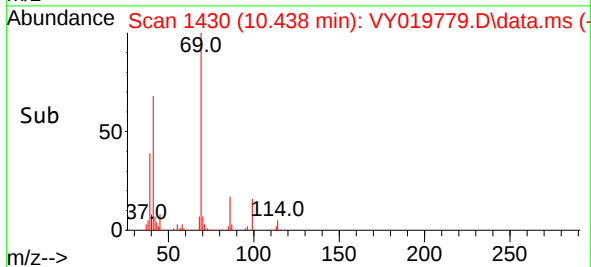
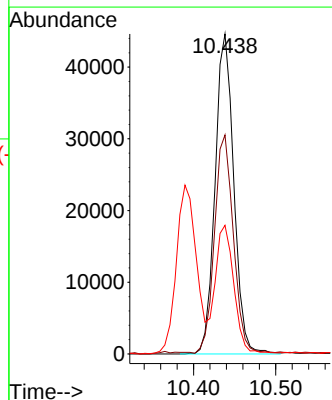
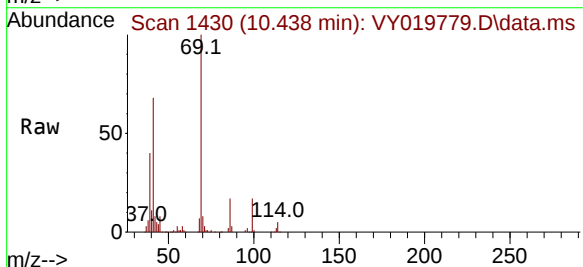
Instrument :
MSVOA_Y
ClientSampleId :

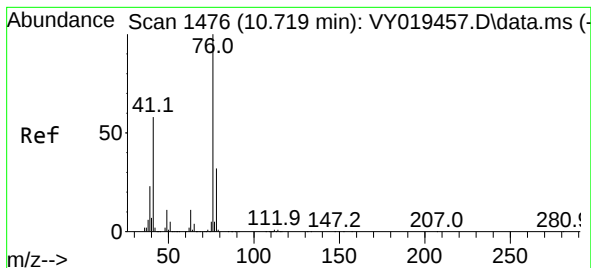
Tgt Ion: 97	Resp: 50901
Ion Ratio	Lower Upper
97 100	
83 82.9	67.5 101.3
85 49.5	42.9 64.3
99 58.1	46.6 70.0



#56
Ethyl methacrylate
Concen: 21.302 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 69	Resp: 70470
Ion Ratio	Lower Upper
69 100	
41 68.7	42.3 63.5#
39 40.0	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.563 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

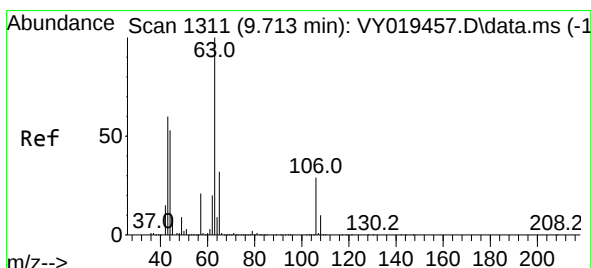
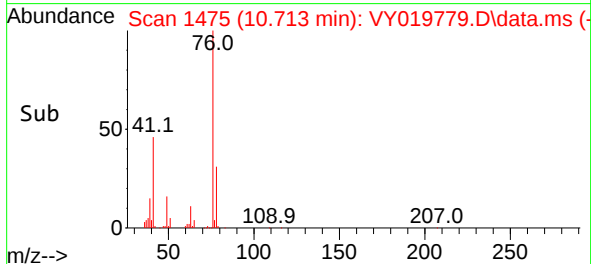
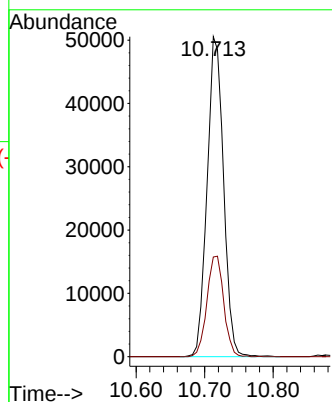
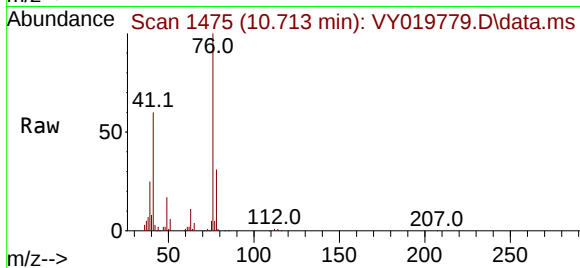
ClientSampleId :

Tgt Ion: 76 Resp: 84460

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.701 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019779.D

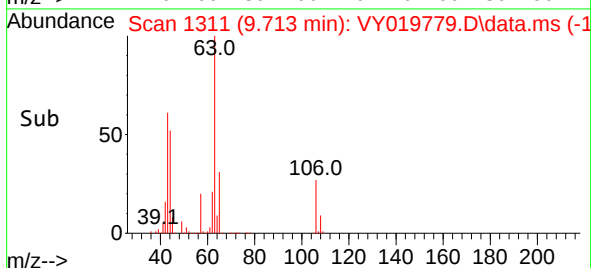
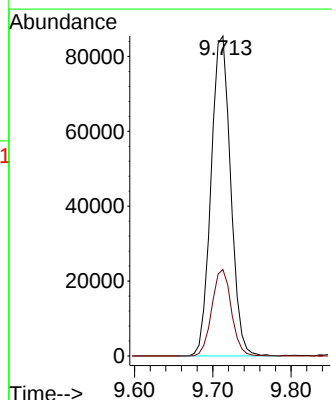
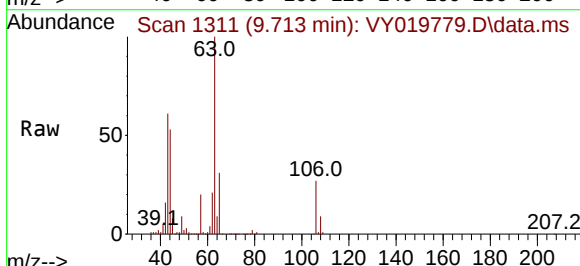
Acq: 03 Oct 2024 11:29

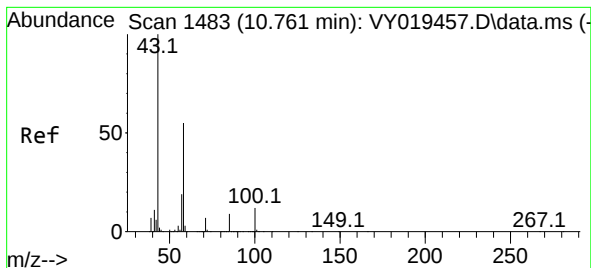
Tgt Ion: 63 Resp: 148472

Ion Ratio Lower Upper

63 100

106 26.9 23.7 35.5

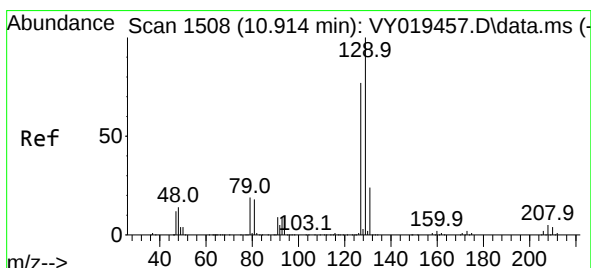
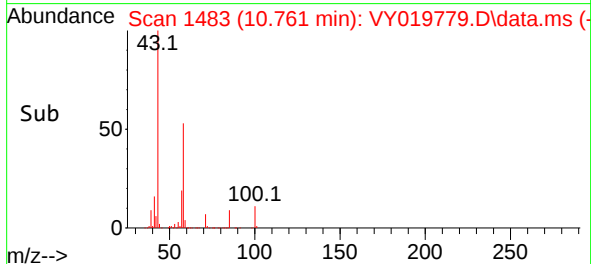
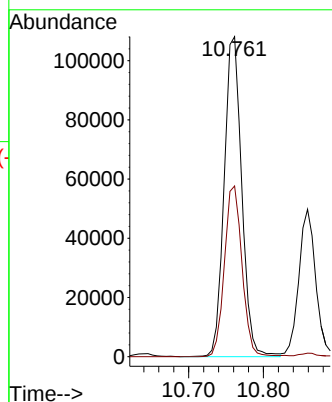
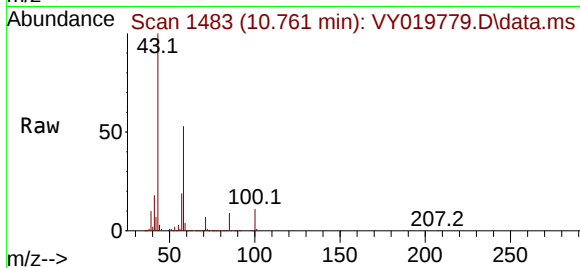




#59
2-Hexanone
Concen: 116.494 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

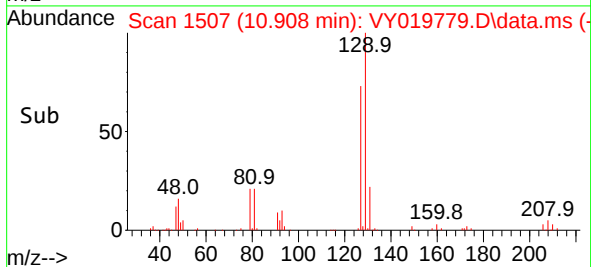
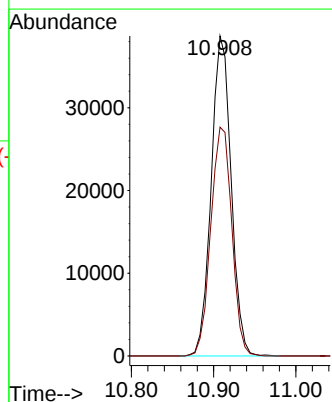
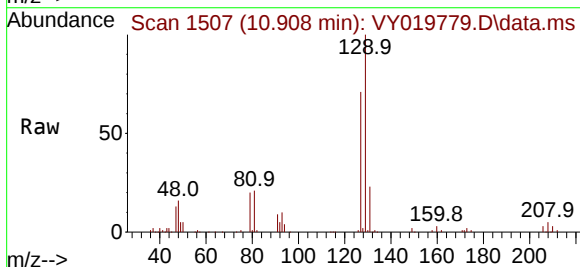
Instrument :
MSVOA_Y
ClientSampleId :

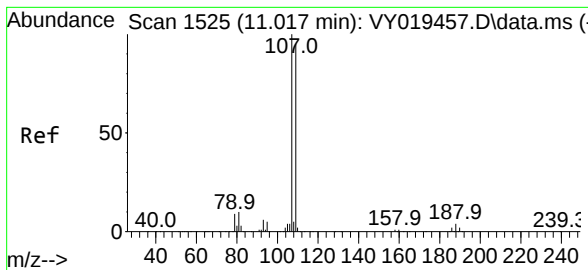
Tgt Ion: 43 Resp: 177128
Ion Ratio Lower Upper
43 100
58 53.3 31.4 94.0



#60
Dibromochloromethane
Concen: 22.586 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 129 Resp: 65063
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0

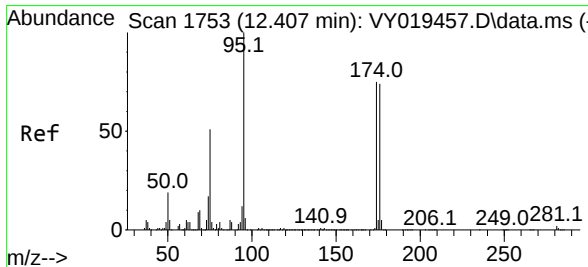
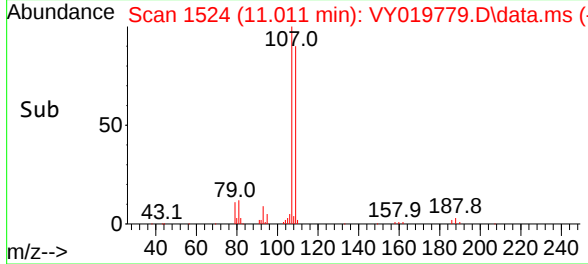
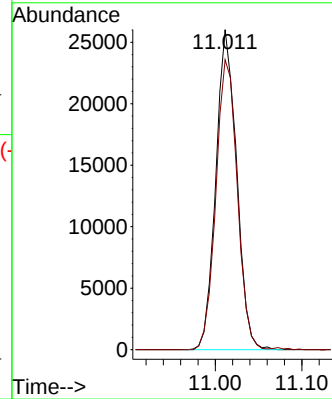
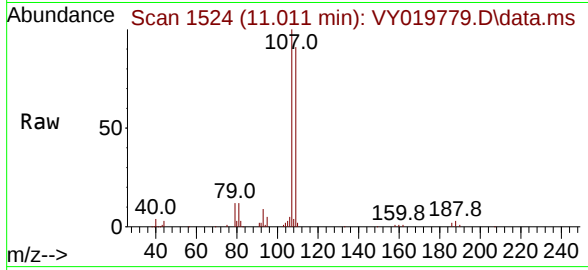




#61
1,2-Dibromoethane
Concen: 21.355 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

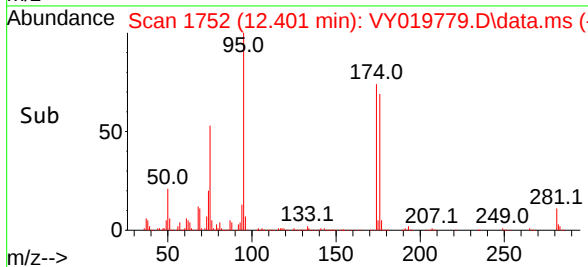
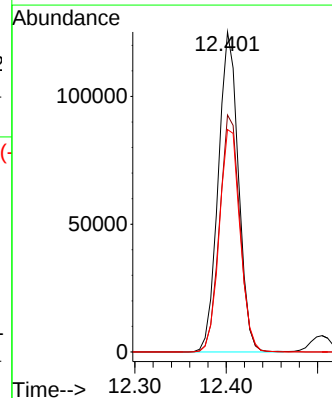
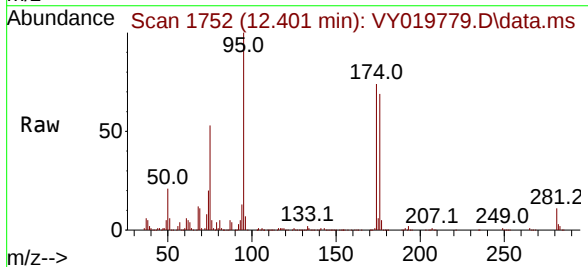
Instrument :
MSVOA_Y
ClientSampleId :

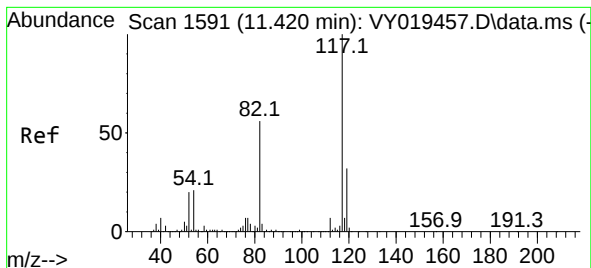
Tgt Ion:107 Resp: 43331
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.021 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 95 Resp: 192215
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 71.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

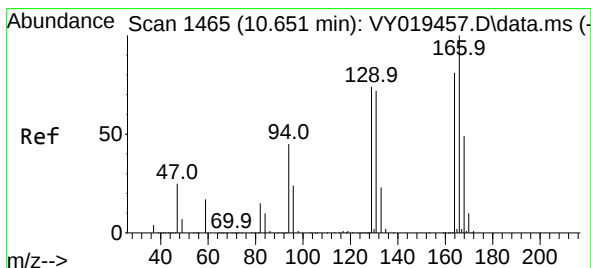
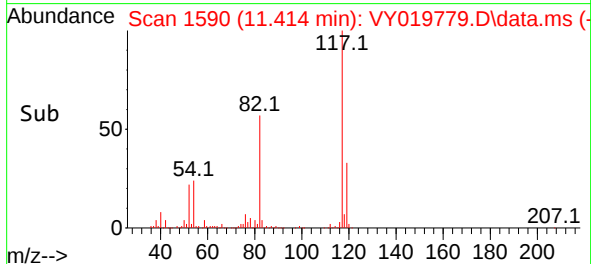
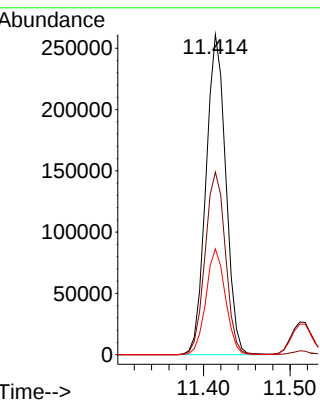
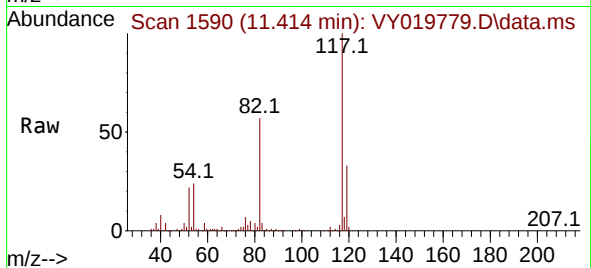
Tgt Ion:117 Resp: 414953

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 33.1 25.9 38.9



#64

Tetrachloroethene

Concen: 19.153 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Tgt Ion:164 Resp: 49215

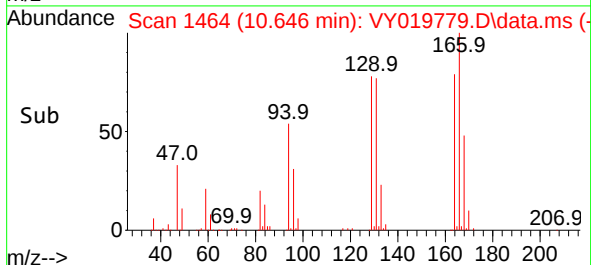
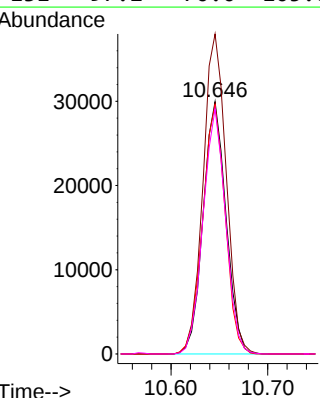
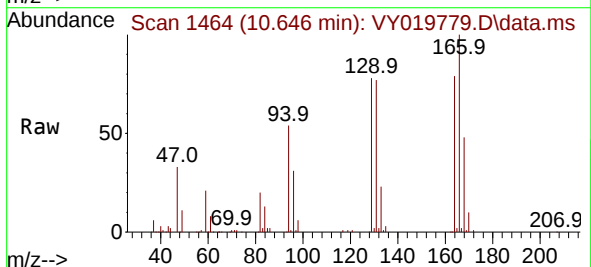
Ion Ratio Lower Upper

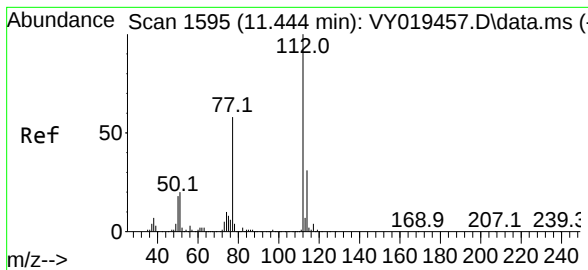
164 100

166 126.8 102.6 154.0

129 98.9 72.0 108.0

131 97.2 70.0 105.0

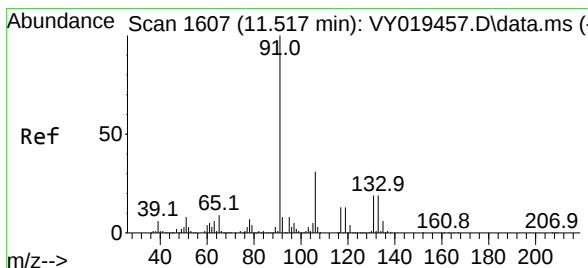
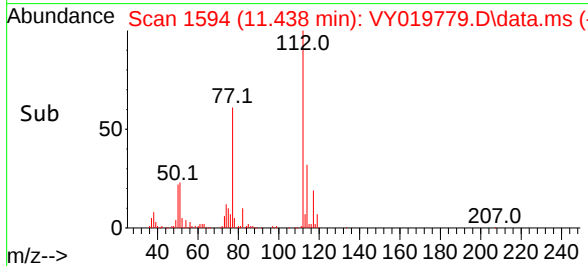
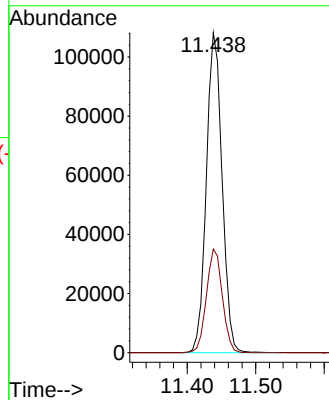
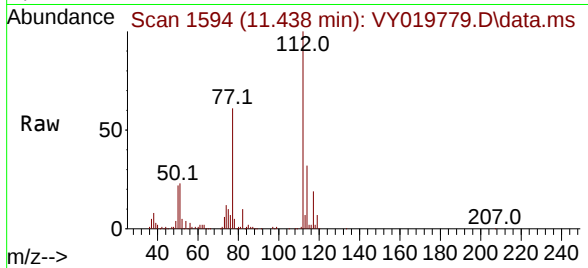




#65
Chlorobenzene
Concen: 21.183 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

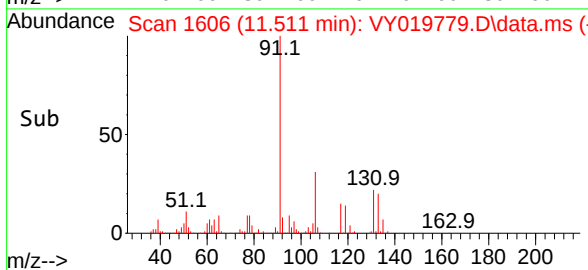
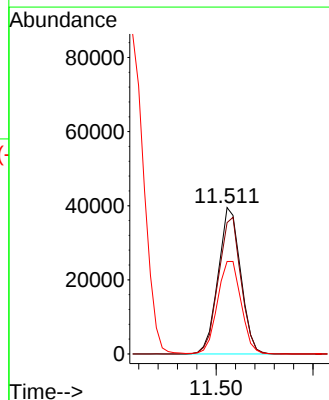
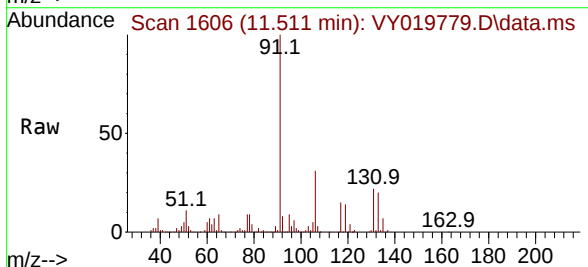
Instrument :
MSVOA_Y
ClientSampleId :

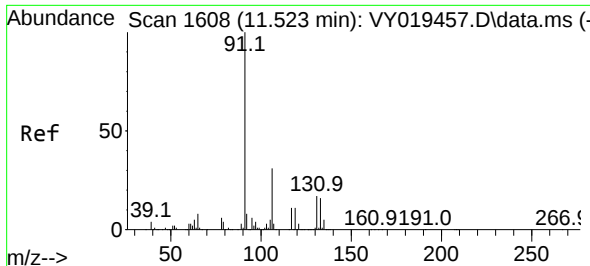
Tgt Ion:112 Resp: 172906
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.580 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion:131 Resp: 63814
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.302 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

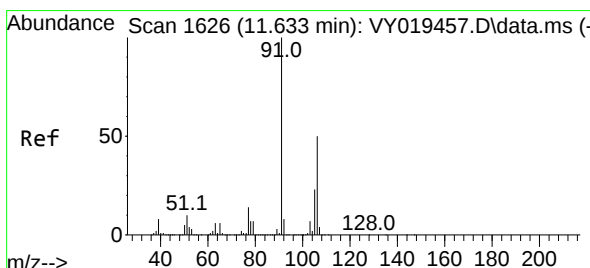
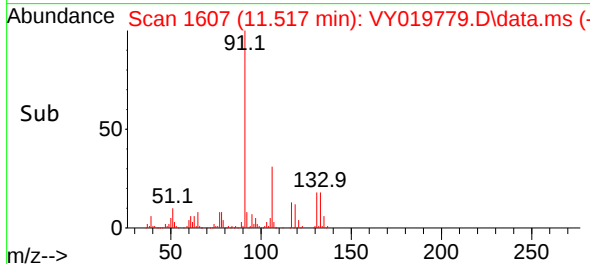
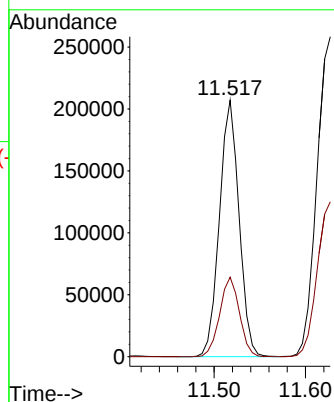
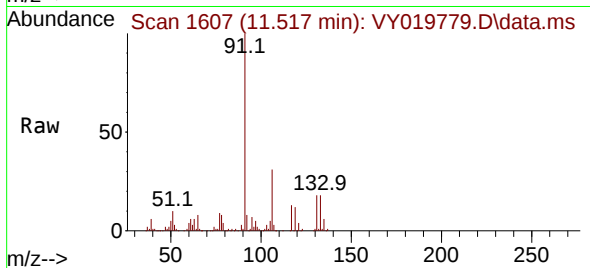
ClientSampleId :

Tgt Ion: 91 Resp: 308951

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 40.688 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019779.D

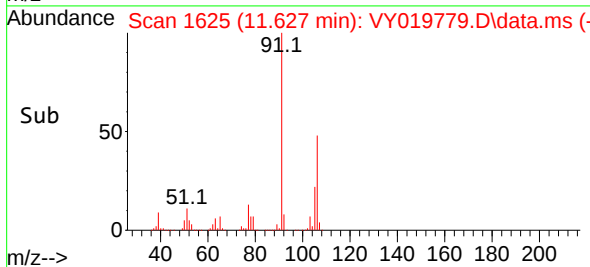
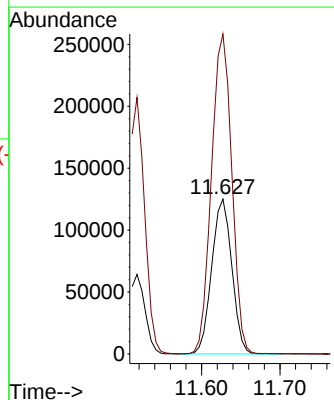
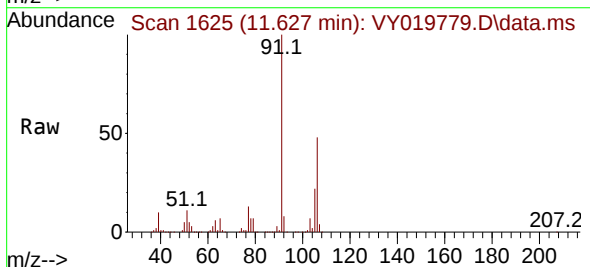
Acq: 03 Oct 2024 11:29

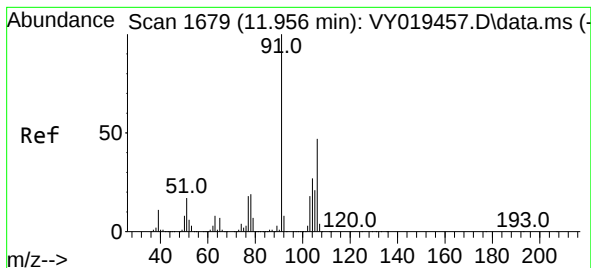
Tgt Ion:106 Resp: 223130

Ion Ratio Lower Upper

106 100

91 209.2 156.0 234.0





#69

o-Xylene

Concen: 20.916 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

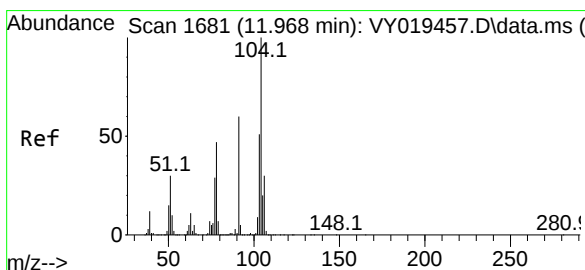
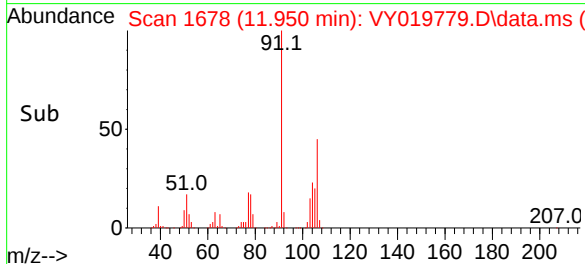
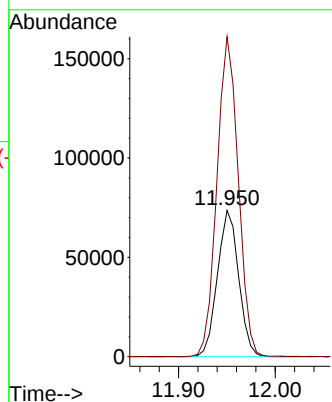
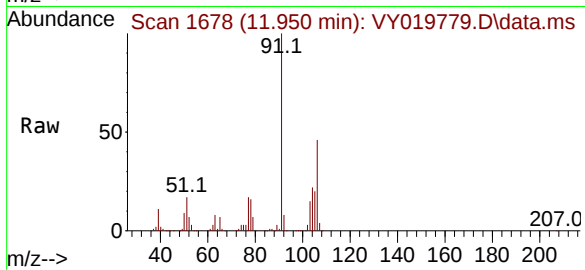
ClientSampleId :

Tgt Ion:106 Resp: 112176

Ion Ratio Lower Upper

106 100

91 220.2 103.6 310.8



#70

Styrene

Concen: 21.439 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

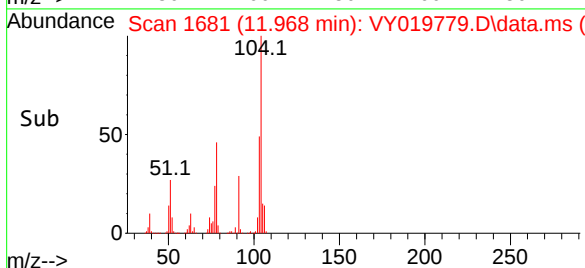
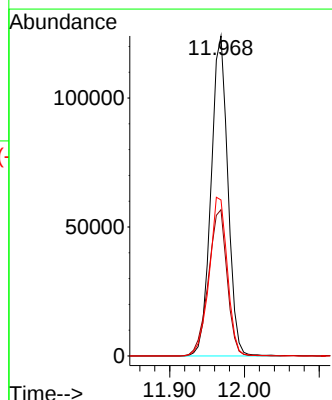
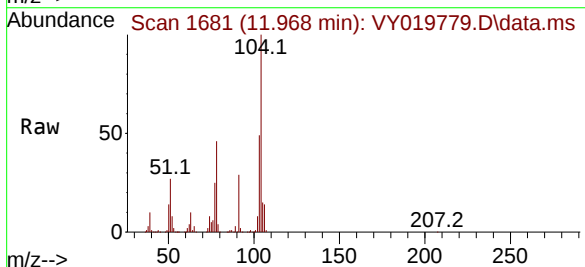
Tgt Ion:104 Resp: 194132

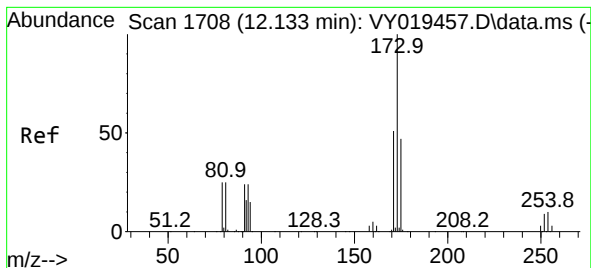
Ion Ratio Lower Upper

104 100

78 50.8 37.0 55.4

103 53.4 44.2 66.2





#71

Bromoform

Concen: 21.728 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

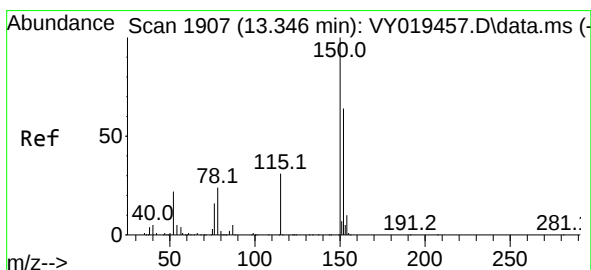
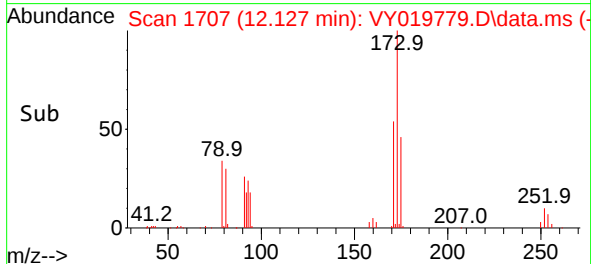
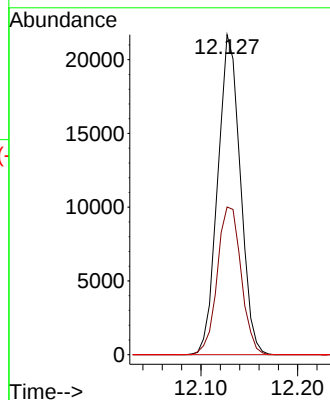
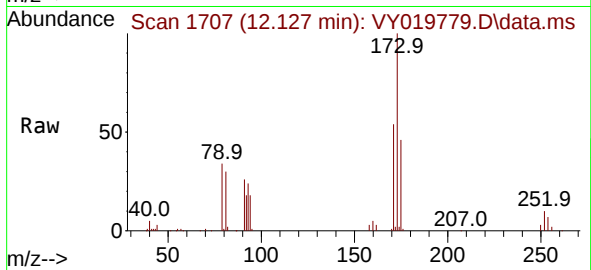
Tgt Ion:173 Resp: 35072

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

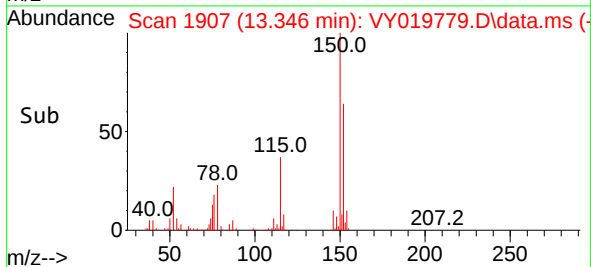
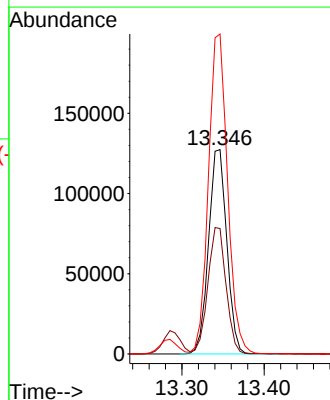
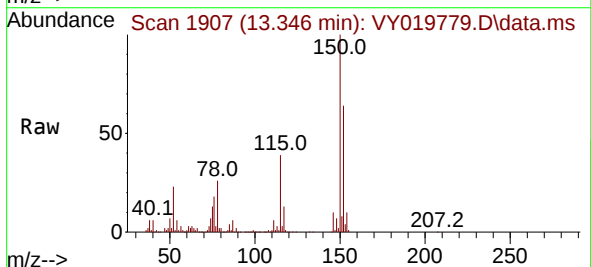
Tgt Ion:152 Resp: 196374

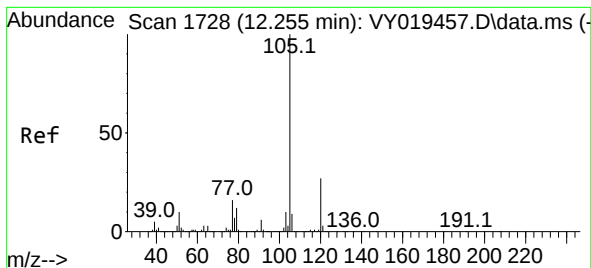
Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 164.0 0.0 345.6





#73

Isopropylbenzene

Concen: 21.704 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

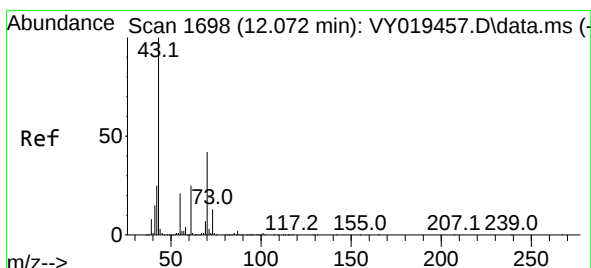
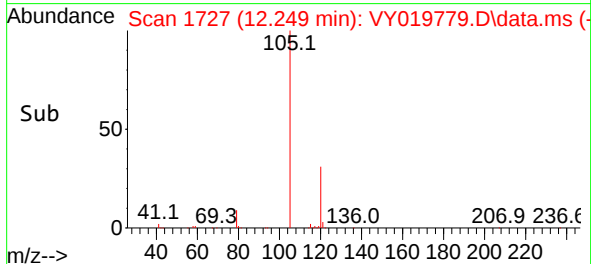
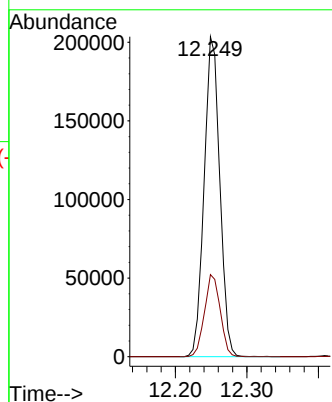
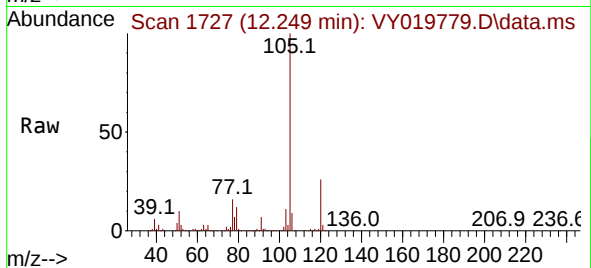
ClientSampleId :

Tgt Ion:105 Resp: 309200

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 22.053 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Tgt Ion: 43 Resp: 85445

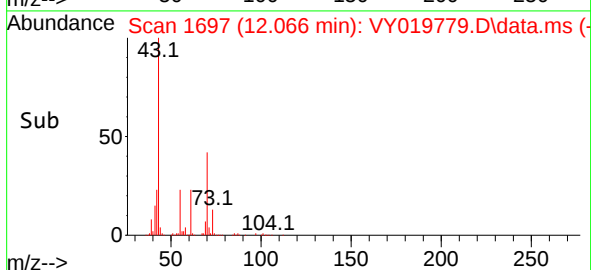
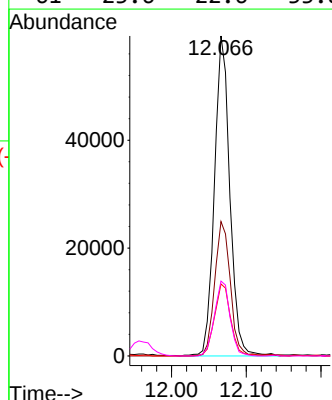
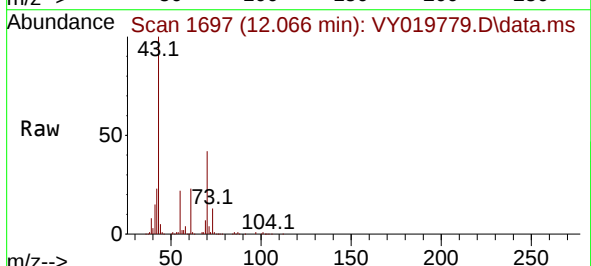
Ion Ratio Lower Upper

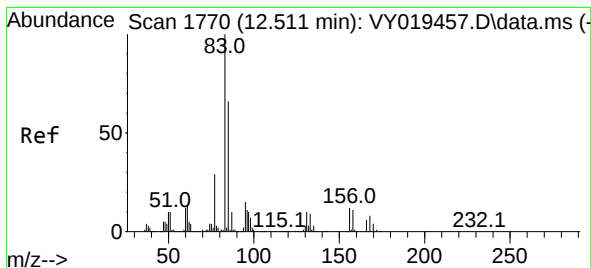
43 100

70 42.4 41.4 62.2

55 23.5 23.3 34.9

61 23.6 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 23.794 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

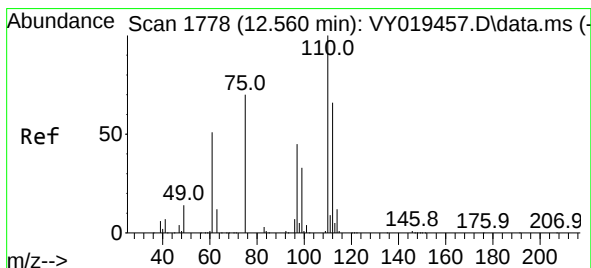
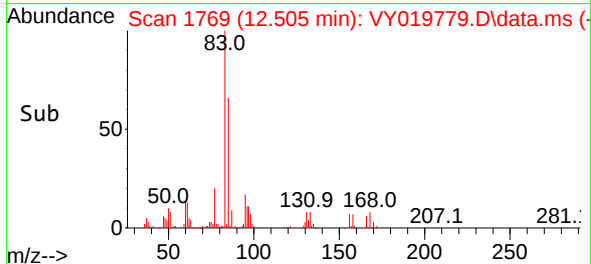
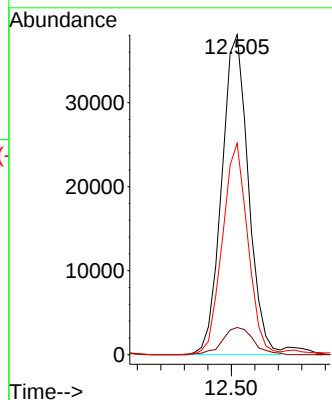
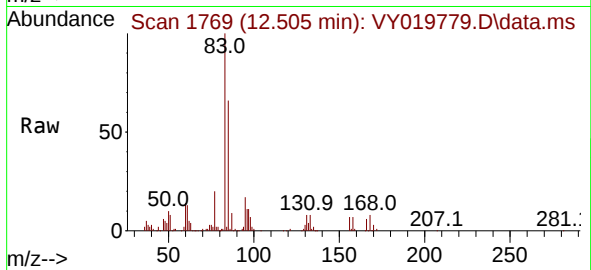
Tgt Ion: 83 Resp: 60167

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.625 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019779.D

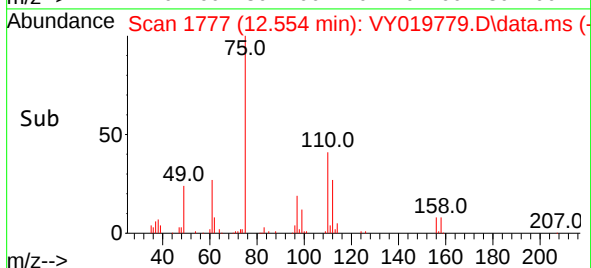
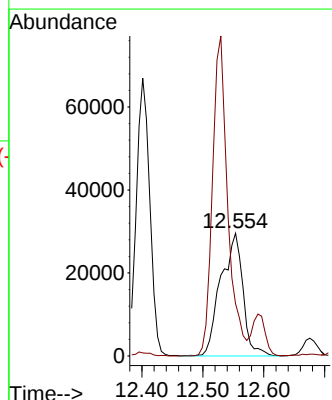
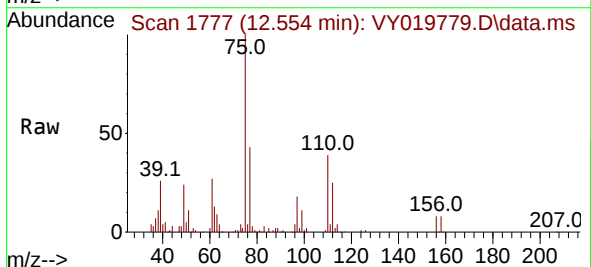
Acq: 03 Oct 2024 11:29

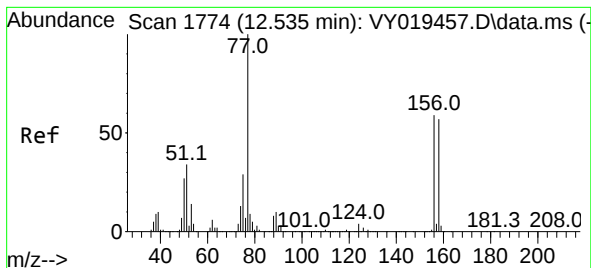
Tgt Ion: 75 Resp: 74774

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.262 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

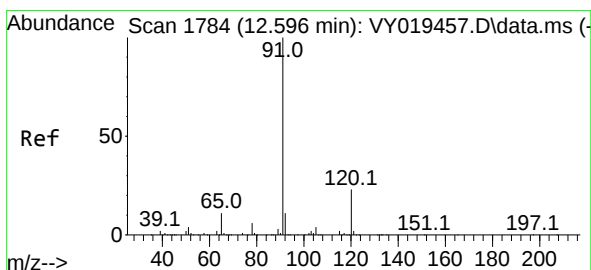
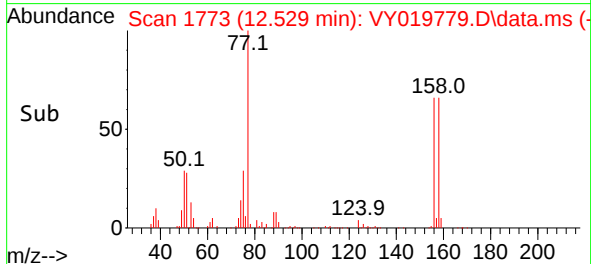
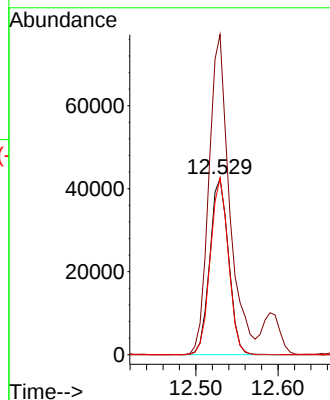
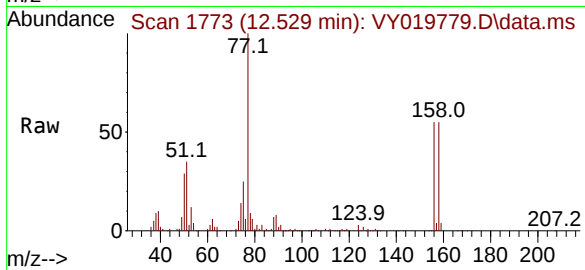
Tgt Ion:156 Resp: 67180

Ion Ratio Lower Upper

156 100

77 200.2 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 21.984 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019779.D

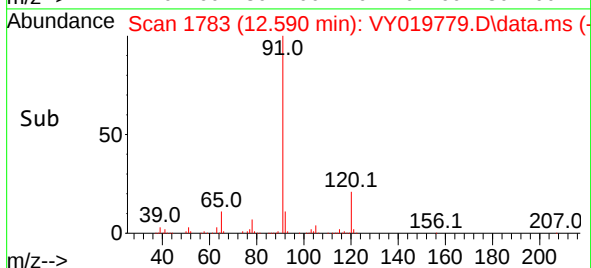
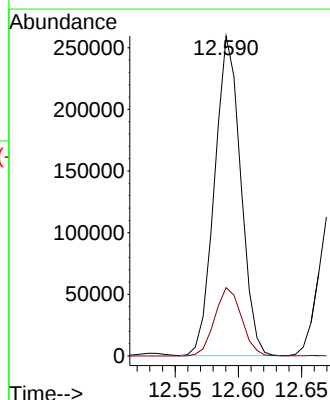
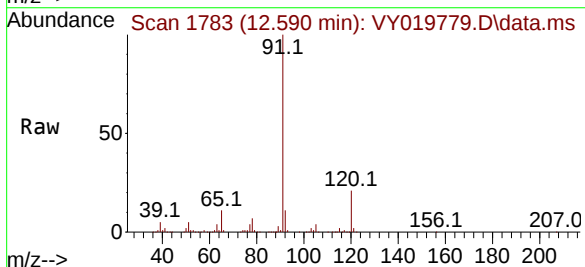
Acq: 03 Oct 2024 11:29

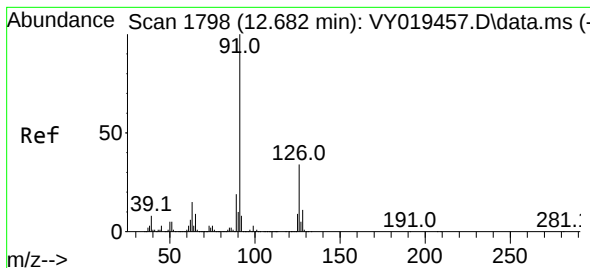
Tgt Ion: 91 Resp: 371218

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.649 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

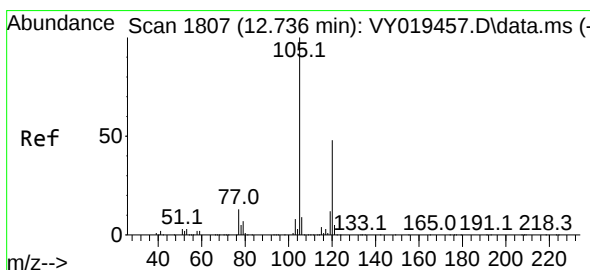
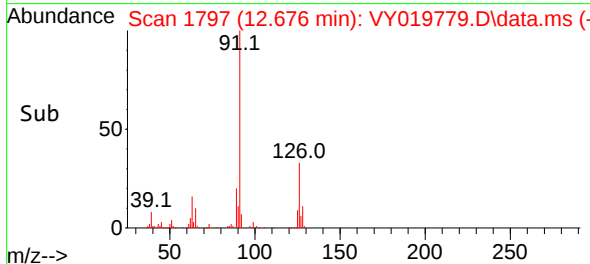
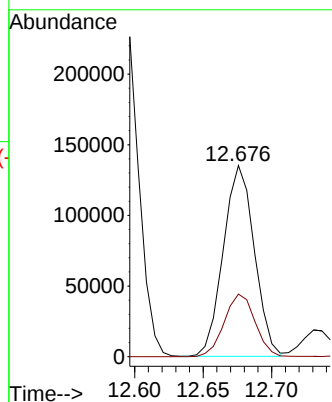
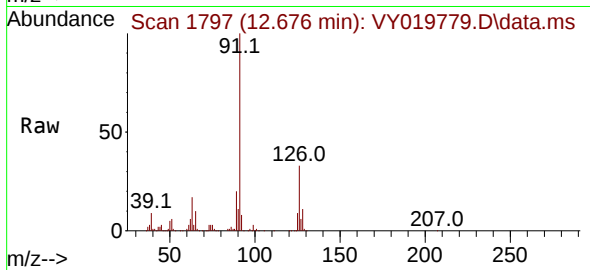
ClientSampleId :

Tgt Ion: 91 Resp: 213042

Ion Ratio Lower Upper

91 100

126 32.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.498 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019779.D

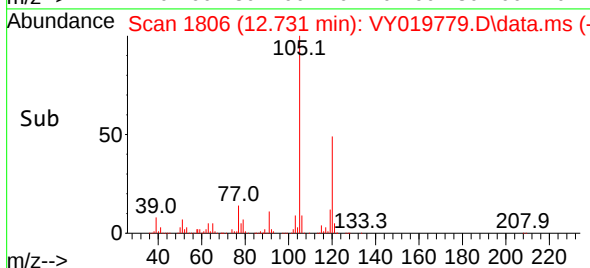
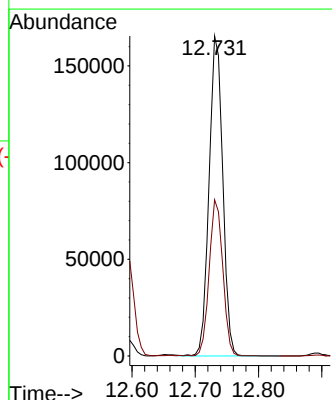
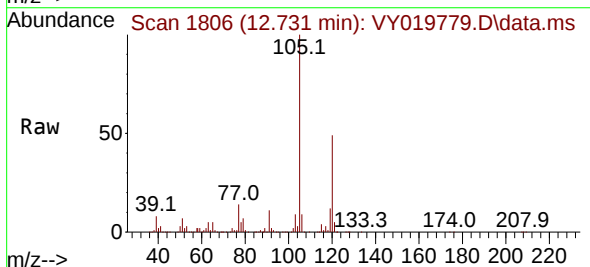
Acq: 03 Oct 2024 11:29

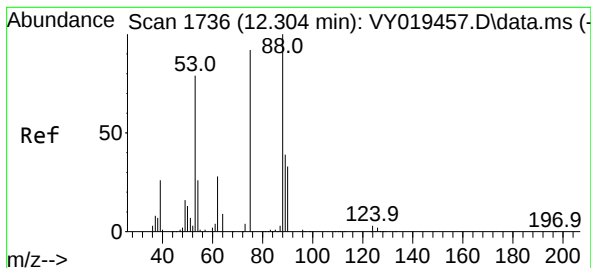
Tgt Ion:105 Resp: 248984

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2

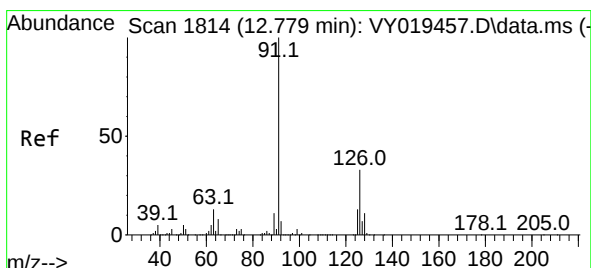
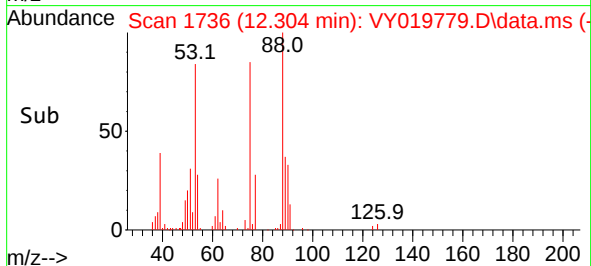
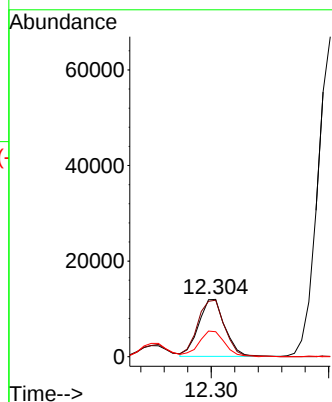
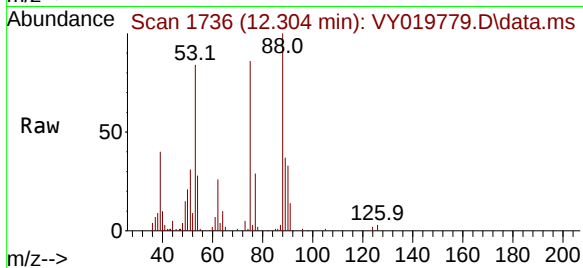




#81
trans-1,4-Dichloro-2-butene
Concen: 19.195 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

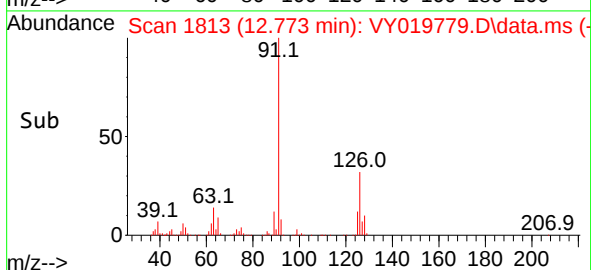
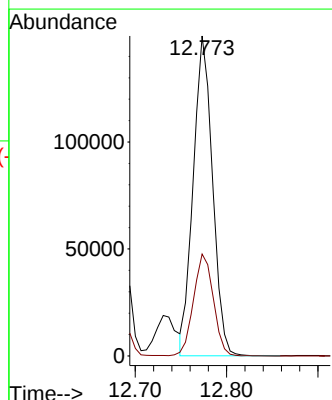
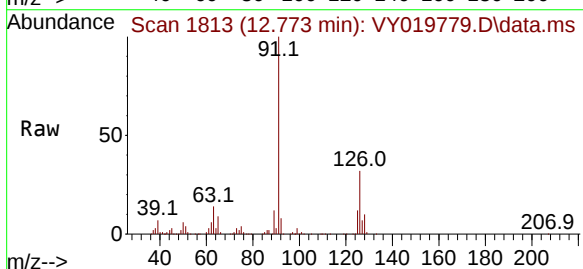
Instrument :
MSVOA_Y
ClientSampleId :

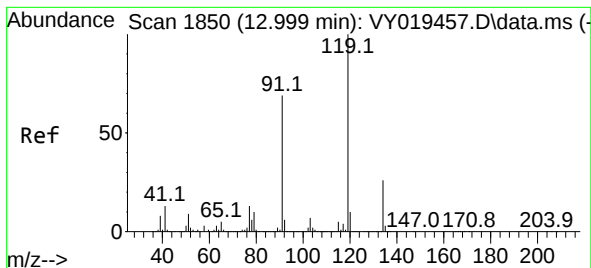
Tgt Ion: 75 Resp: 18404
Ion Ratio Lower Upper
75 100
53 102.8 66.8 100.2#
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.652 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 91 Resp: 219055
Ion Ratio Lower Upper
91 100
126 33.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.966 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

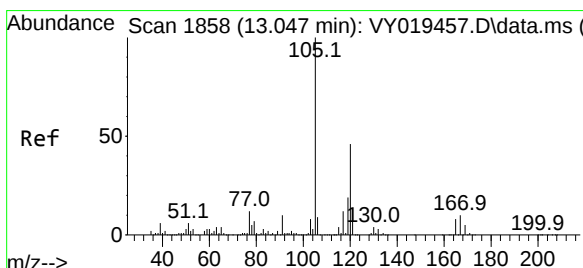
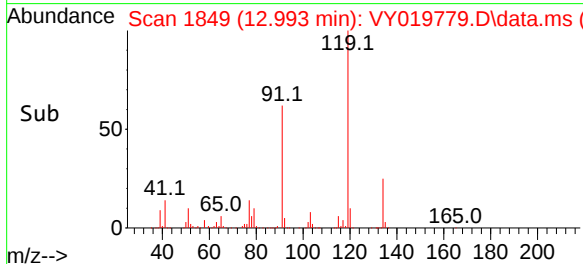
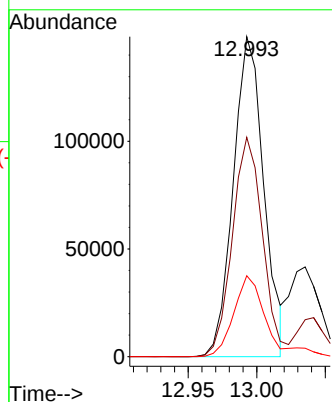
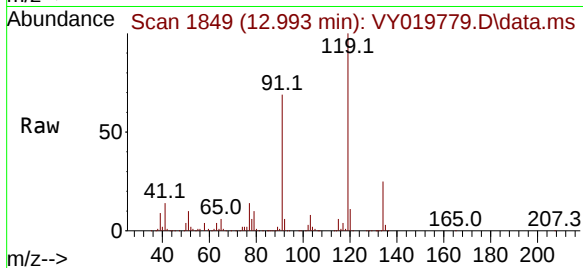
Tgt Ion:119 Resp: 230306

Ion Ratio Lower Upper

119 100

91 68.2 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.724 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019779.D

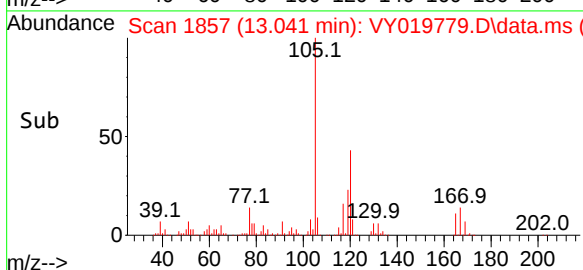
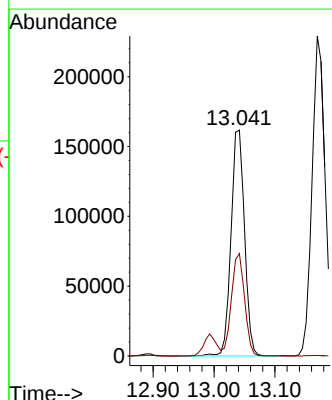
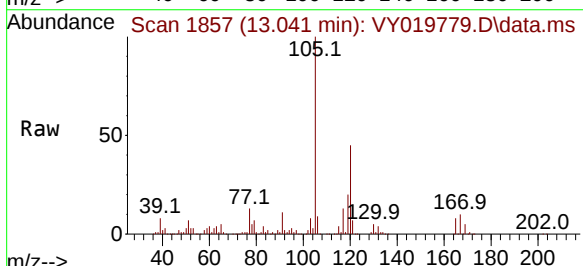
Acq: 03 Oct 2024 11:29

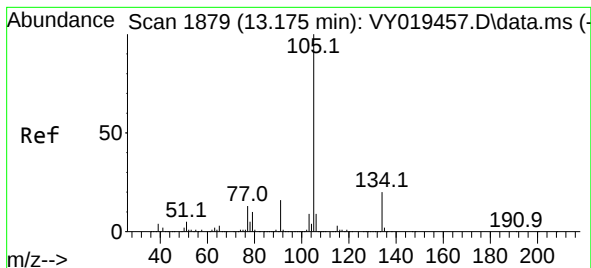
Tgt Ion:105 Resp: 249045

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.276 ug/l

RT: 13.169 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

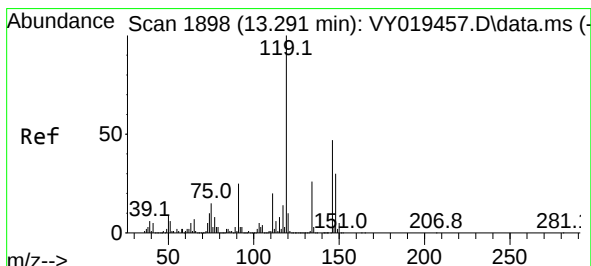
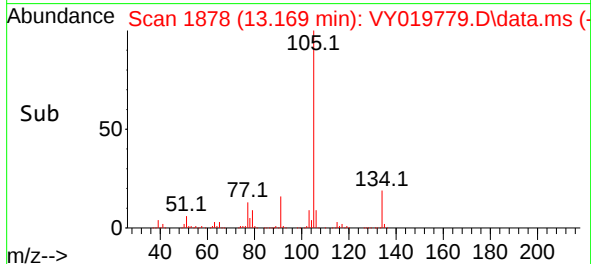
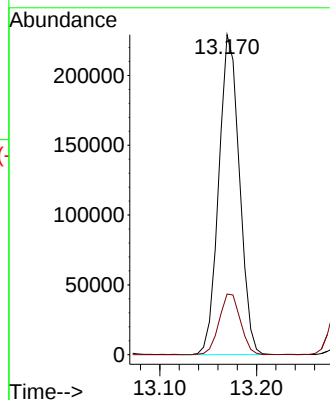
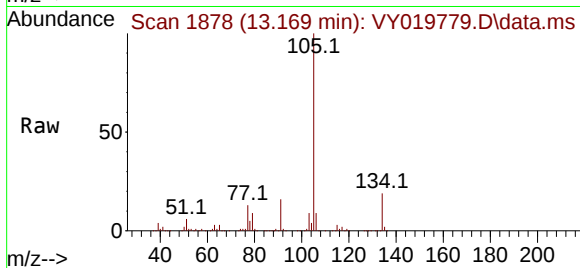
ClientSampleId :

Tgt Ion:105 Resp: 339297

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.197 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

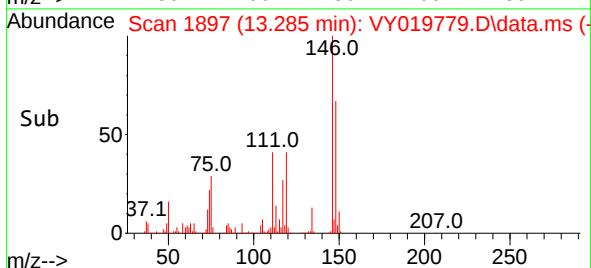
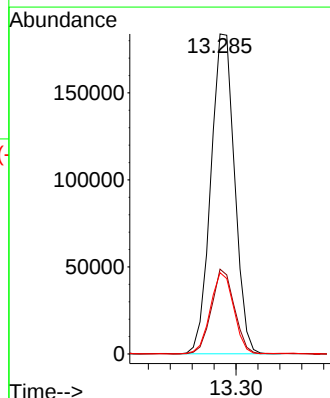
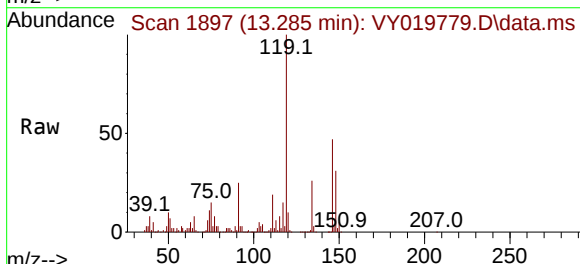
Tgt Ion:119 Resp: 276623

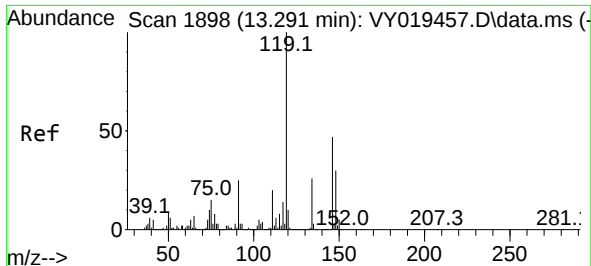
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.072 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

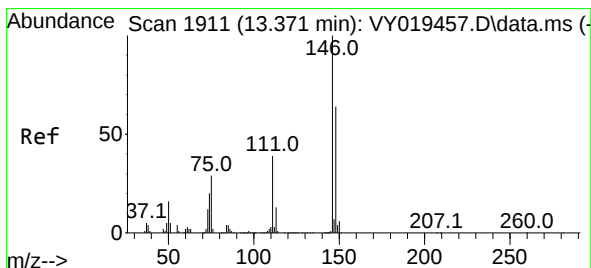
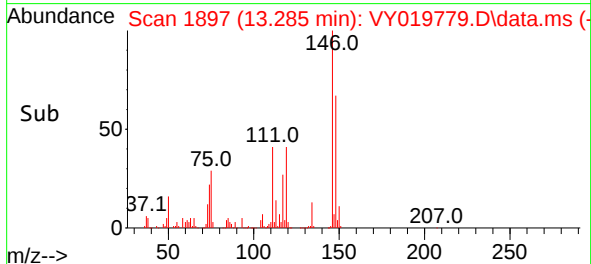
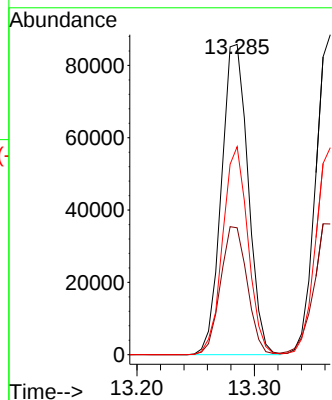
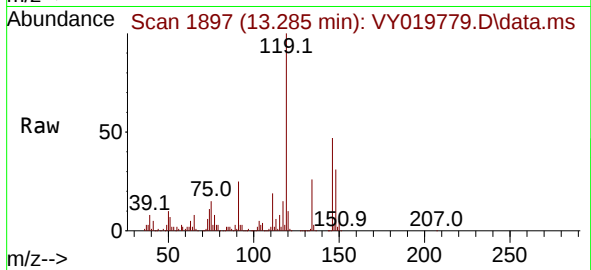
Tgt Ion:146 Resp: 135514

Ion Ratio Lower Upper

146 100

111 41.3 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.244 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

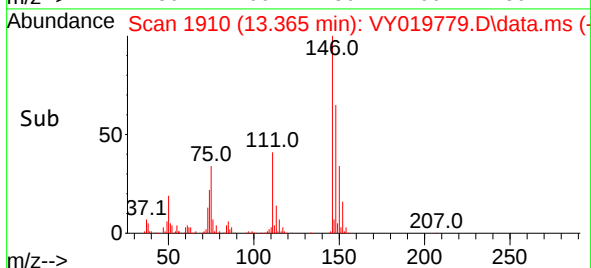
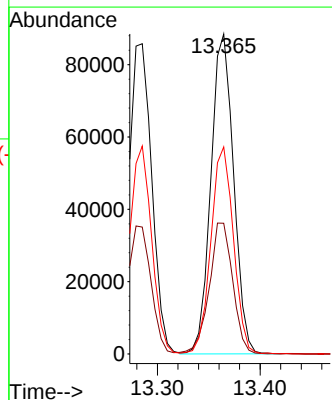
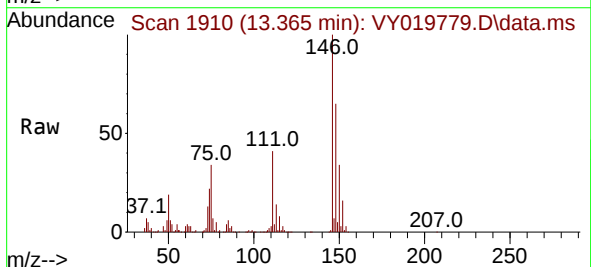
Tgt Ion:146 Resp: 135536

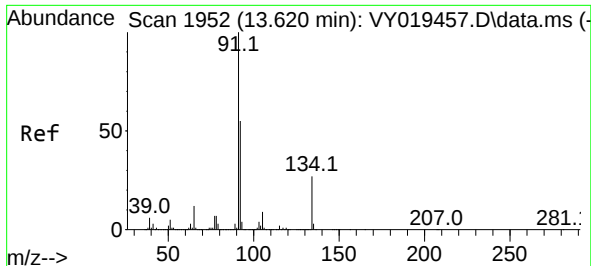
Ion Ratio Lower Upper

146 100

111 42.3 18.4 55.4

148 64.5 32.4 97.2

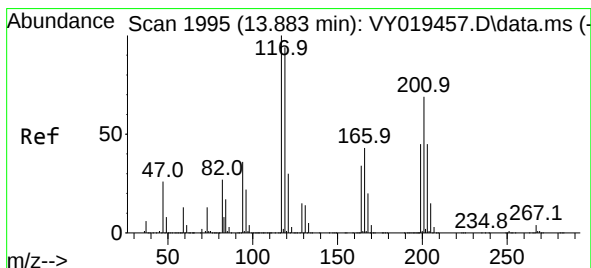
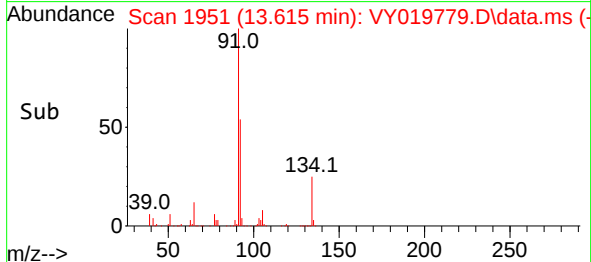
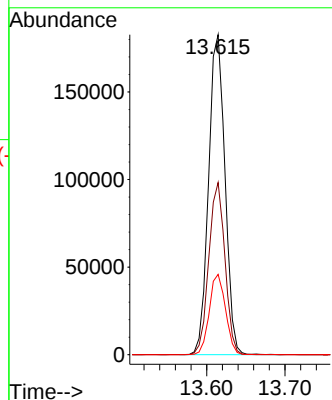
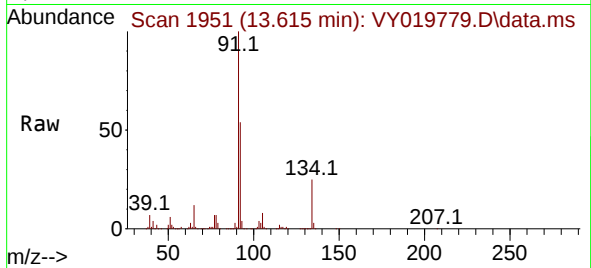




#89
n-Butylbenzene
Concen: 22.250 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

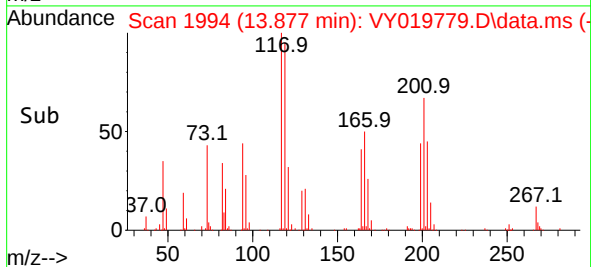
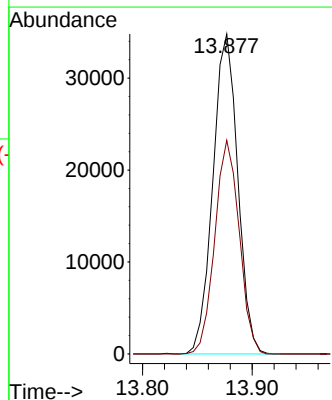
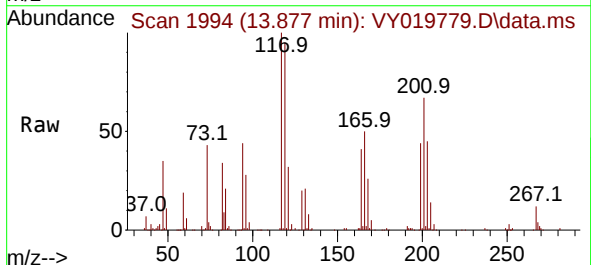
Instrument :
MSVOA_Y
ClientSampleId :

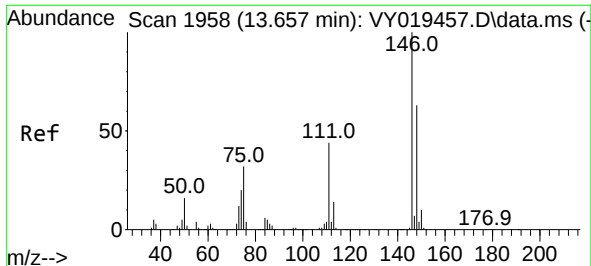
Tgt Ion: 91 Resp: 265079
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.7
134 24.9 12.9 38.7



#90
Hexachloroethane
Concen: 21.182 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019779.D
Acq: 03 Oct 2024 11:29

Tgt Ion: 117 Resp: 54925
Ion Ratio Lower Upper
117 100
201 65.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.493 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

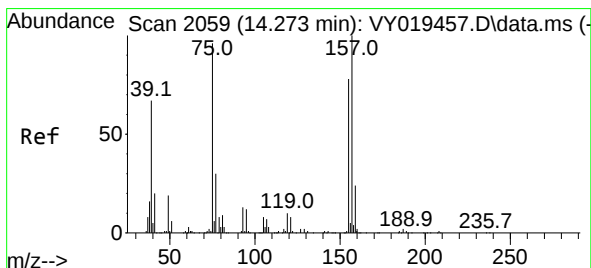
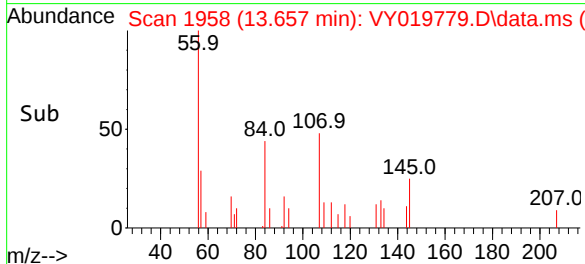
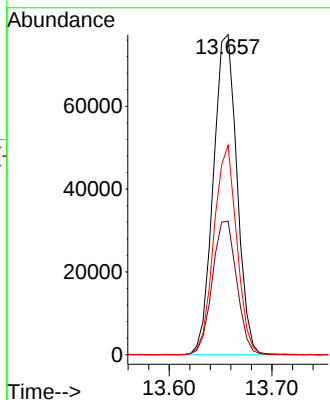
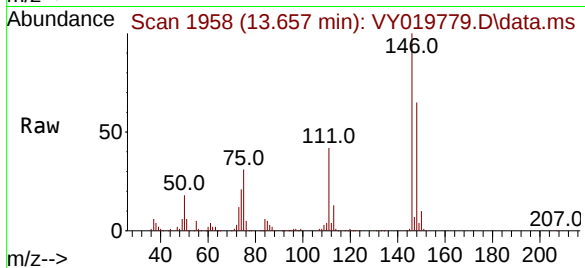
Tgt Ion:146 Resp: 123234

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.829 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

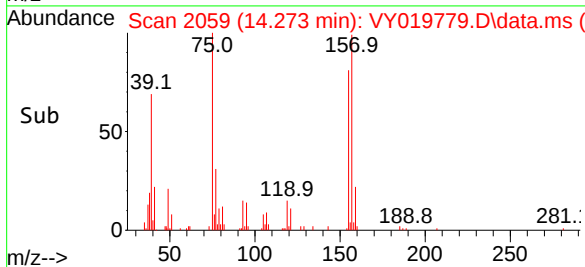
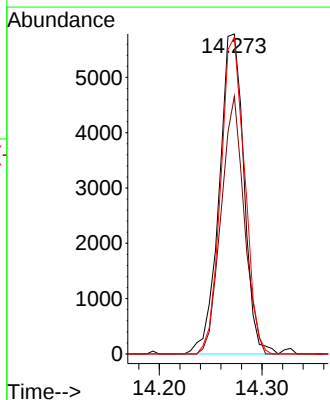
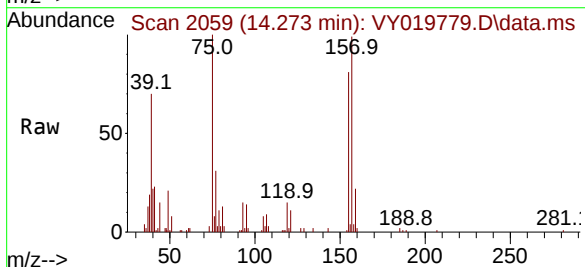
Tgt Ion: 75 Resp: 9621

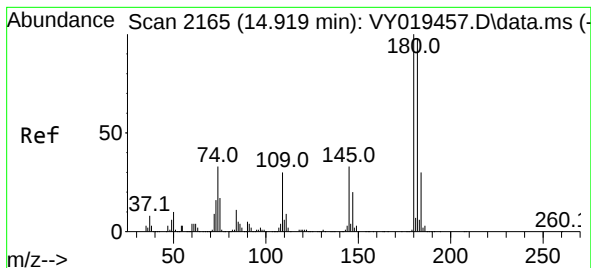
Ion Ratio Lower Upper

75 100

155 75.0 48.6 145.8

157 95.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.489 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

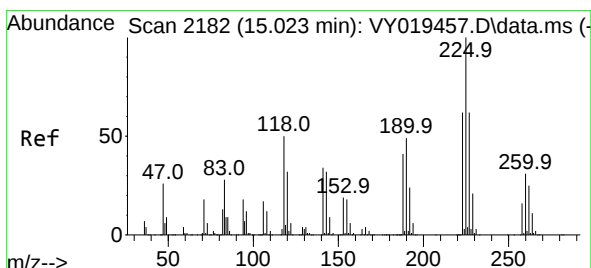
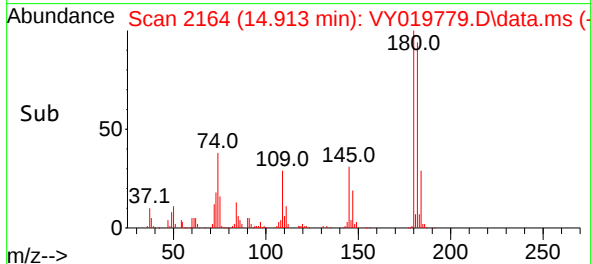
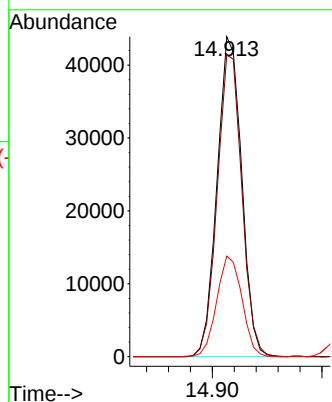
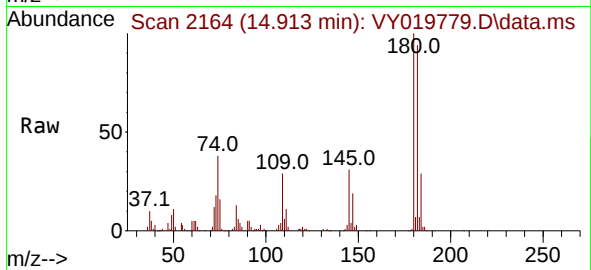
Tgt Ion:180 Resp: 68274

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.078 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

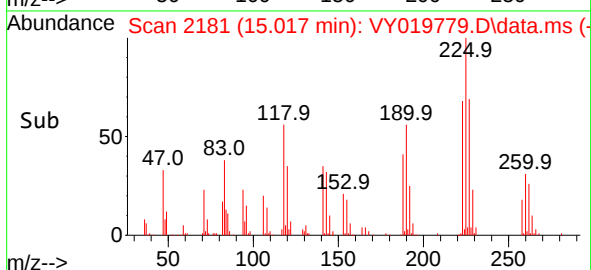
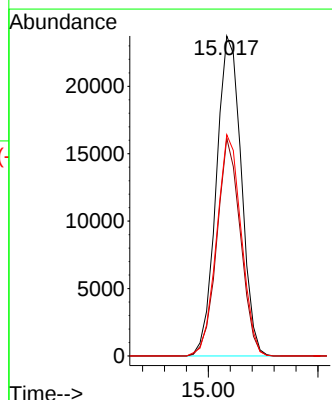
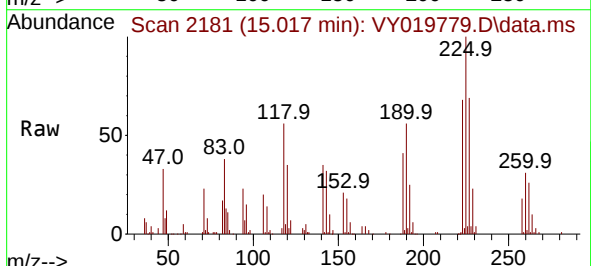
Tgt Ion:225 Resp: 37521

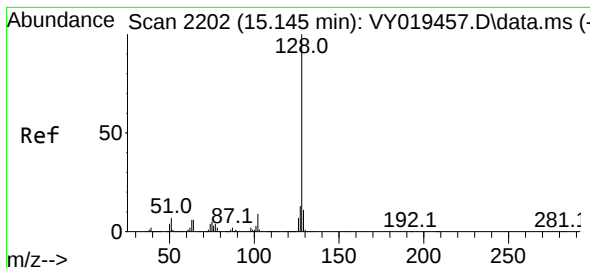
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 68.2 31.9 95.9





#95

Naphthalene

Concen: 20.230 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Instrument :

MSVOA_Y

ClientSampleId :

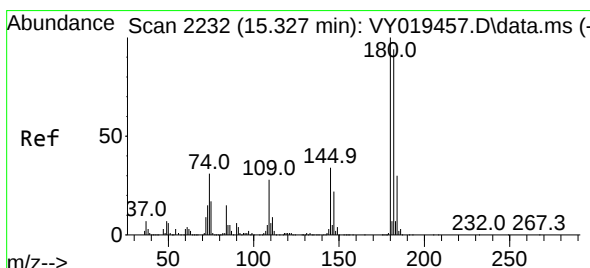
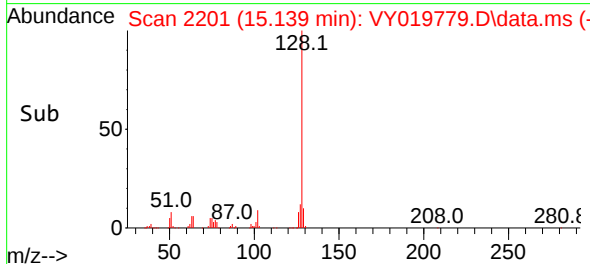
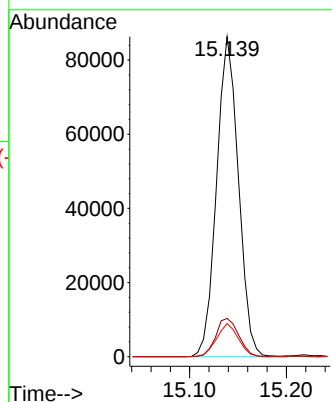
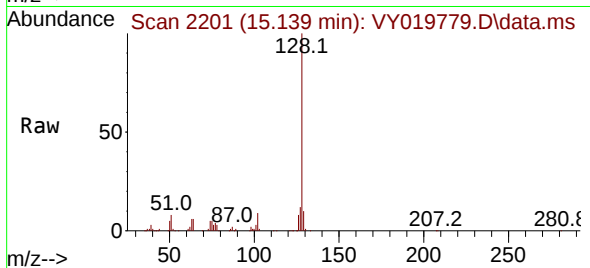
Tgt Ion:128 Resp: 134996

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.915 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019779.D

Acq: 03 Oct 2024 11:29

Tgt Ion:180 Resp: 59614

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.9

145 33.7 15.4 46.1

