

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019554.D
 Acq On : 13 Sep 2024 21:02
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 13 23:39:07 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	351331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	637504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	557661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	264328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	204201	62.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.540%	
35) Dibromofluoromethane	7.628	113	201415	55.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.440%	
50) Toluene-d8	10.109	98	745517	55.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	12.401	95	269991	52.521	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.866	85	79725	40.761	ug/l	98
3) Chloromethane	2.068	50	141865	48.805	ug/l	100
4) Vinyl Chloride	2.202	62	164887	52.459	ug/l	98
5) Bromomethane	2.598	94	118281	61.264	ug/l	98
6) Chloroethane	2.732	64	119465	58.141	ug/l	100
7) Trichlorofluoromethane	3.055	101	264477	50.478	ug/l	99
8) Diethyl Ether	3.452	74	89842	51.083	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.811	101	152587	47.077	ug/l	94
10) Methyl Iodide	4.000	142	193495	46.563	ug/l	93
11) Tert butyl alcohol	4.866	59	69638	265.060	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	153506	49.247	ug/l	85
13) Acrolein	3.647	56	27427	214.833	ug/l	99
14) Allyl chloride	4.378	41	269054	48.132	ug/l	# 93
15) Acrylonitrile	5.055	53	201691	265.964	ug/l	99
16) Acetone	3.866	43	164188	211.845	ug/l	# 86
17) Carbon Disulfide	4.098	76	416139	49.412	ug/l	99
18) Methyl Acetate	4.384	43	112784	53.623	ug/l	# 89
19) Methyl tert-butyl Ether	5.110	73	460522	52.164	ug/l	99
20) Methylene Chloride	4.610	84	181553	51.365	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	175591	51.394	ug/l	90
22) Diisopropyl ether	6.012	45	587782	51.206	ug/l	92
23) Vinyl Acetate	5.951	43	1656803	252.692	ug/l	94
24) 1,1-Dichloroethane	5.908	63	335146	52.031	ug/l	97
25) 2-Butanone	6.890	43	264711	240.144	ug/l	89
26) 2,2-Dichloropropane	6.878	77	265348	45.669	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	219989	53.007	ug/l	92
28) Bromochloromethane	7.237	49	154051	56.842	ug/l	85
29) Tetrahydrofuran	7.256	42	178560	266.422	ug/l	87
30) Chloroform	7.414	83	354818	53.961	ug/l	98
31) Cyclohexane	7.695	56	259917	44.642	ug/l	95
32) 1,1,1-Trichloroethane	7.615	97	307183	52.120	ug/l	97
36) 1,1-Dichloropropene	7.829	75	235870	47.957	ug/l	96
37) Ethyl Acetate	6.981	43	125055	49.624	ug/l	97
38) Carbon Tetrachloride	7.817	117	262435	47.317	ug/l	100
39) Methylcyclohexane	9.109	83	289784	44.274	ug/l	90
40) Benzene	8.079	78	742472	49.012	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	74577	50.768	ug/l	# 83
42) 1,2-Dichloroethane	8.152	62	210684	51.685	ug/l	96
43) Isopropyl Acetate	8.195	43	254844	48.135	ug/l	91
44) Trichloroethene	8.865	130	185058	47.500	ug/l	91
45) 1,2-Dichloropropane	9.140	63	180200	48.657	ug/l	98
46) Dibromomethane	9.231	93	102611	50.666	ug/l	95
47) Bromodichloromethane	9.420	83	275957	50.690	ug/l	99
48) Methyl methacrylate	9.219	41	117376	46.947	ug/l	84
49) 1,4-Dioxane	9.231	88	23430	982.733	ug/l	# 77
51) 4-Methyl-2-Pentanone	9.999	43	661022	248.172	ug/l	91
52) Toluene	10.170	92	483186	49.594	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	243430	46.907	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	284119	47.017	ug/l	# 89
55) 1,1,2-Trichloroethane	10.572	97	139629	49.925	ug/l	95
56) Ethyl methacrylate	10.438	69	208067	48.974	ug/l	# 80
57) 1,3-Dichloropropane	10.719	76	239513	49.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	534841	271.237	ug/l	98
59) 2-Hexanone	10.761	43	451698	231.314	ug/l	89
60) Dibromochloromethane	10.908	129	184492	49.867	ug/l	97
61) 1,2-Dibromoethane	11.011	107	129732	49.784	ug/l	99
64) Tetrachloroethene	10.645	164	175266	50.753	ug/l	95
65) Chlorobenzene	11.438	112	525500	47.905	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	181589	47.811	ug/l	99
67) Ethyl Benzene	11.517	91	945093	48.489	ug/l	99
68) m/p-Xylenes	11.627	106	706097	95.807	ug/l	94
69) o-Xylene	11.956	106	342977	47.585	ug/l	94
70) Styrene	11.968	104	589252	48.422	ug/l	96
71) Bromoform	12.133	173	102674	47.330	ug/l	# 98
73) Isopropylbenzene	12.255	105	909753	47.442	ug/l	99
74) N-amyl acetate	12.072	43	246479	47.261	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.505	83	165800	48.712	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	208766	84.264	ug/l	# 100
77) Bromobenzene	12.529	156	200410	47.122	ug/l	90
78) n-propylbenzene	12.596	91	1074652	47.281	ug/l	99
79) 2-Chlorotoluene	12.682	91	626361	47.287	ug/l	96
80) 1,3,5-Trimethylbenzene	12.736	105	736295	47.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	52891	40.983	ug/l	91
82) 4-Chlorotoluene	12.779	91	641255	47.090	ug/l	96
83) tert-Butylbenzene	12.999	119	669549	47.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	730449	47.335	ug/l	97
85) sec-Butylbenzene	13.175	105	956285	46.643	ug/l	99
86) p-Isopropyltoluene	13.291	119	786131	46.865	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	391714	47.399	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	385700	47.028	ug/l	97
89) n-Butylbenzene	13.614	91	735773	45.882	ug/l	99
90) Hexachloroethane	13.877	117	162875	46.666	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	350200	47.487	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27156	47.872	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	194477	43.359	ug/l	98
94) Hexachlorobutadiene	15.017	225	101872	42.515	ug/l	98
95) Naphthalene	15.138	128	417678	46.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	170723	44.499	ug/l	98

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ClientSampleId :
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QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

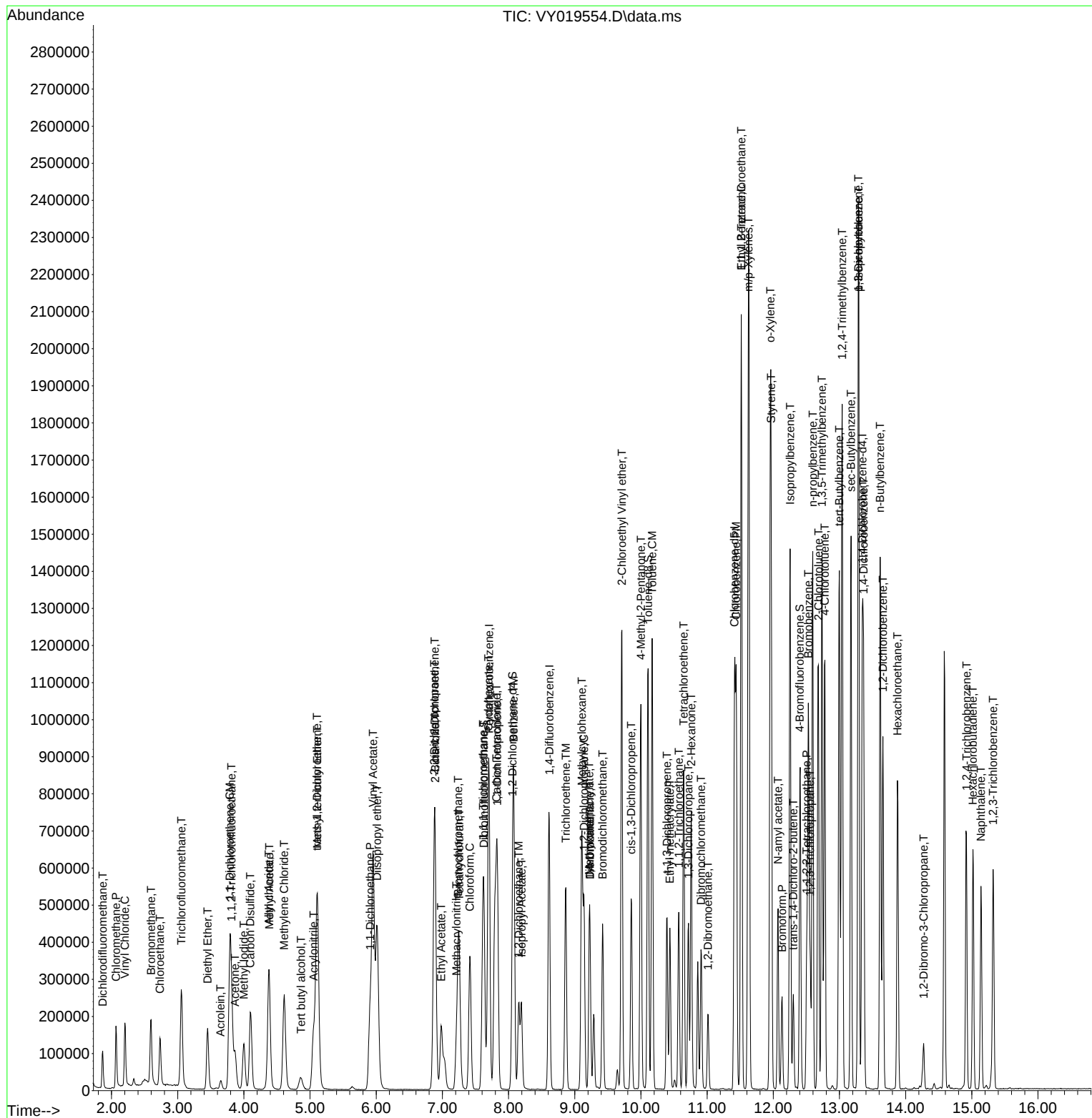
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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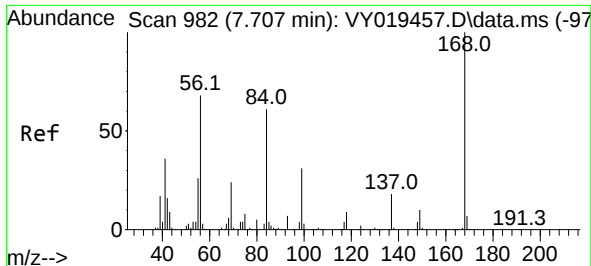
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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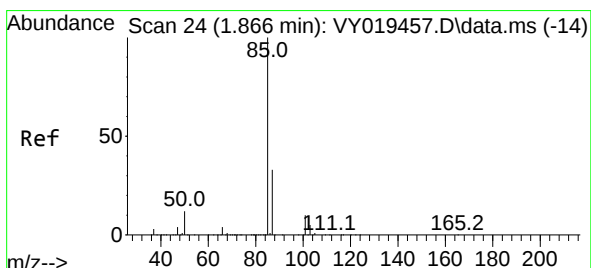
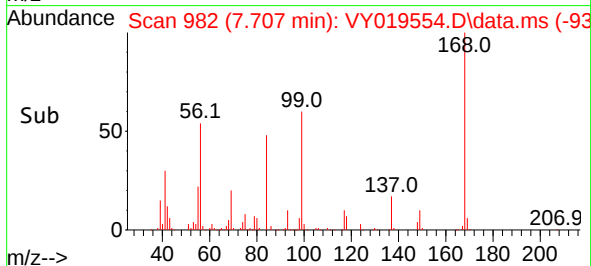
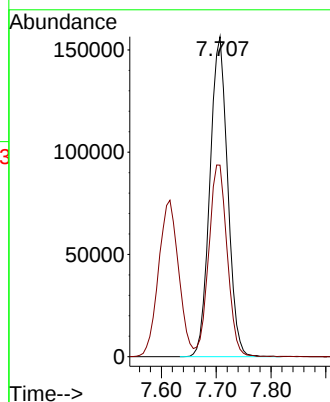
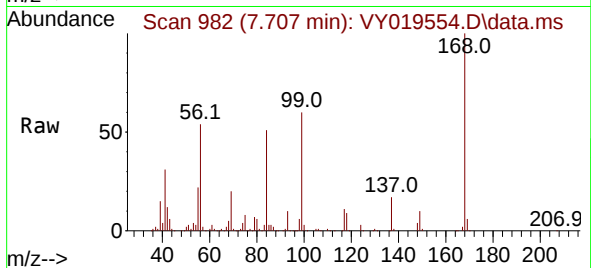




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.000 min
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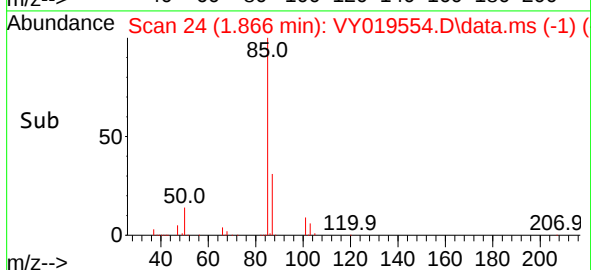
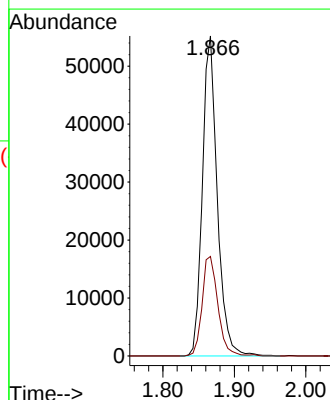
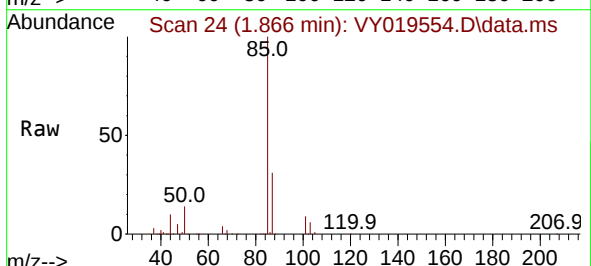
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 351331
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 40.761 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 85 Resp: 79725
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0

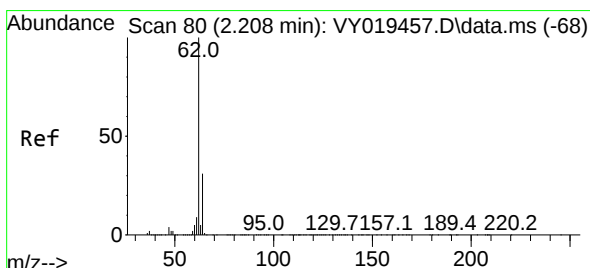
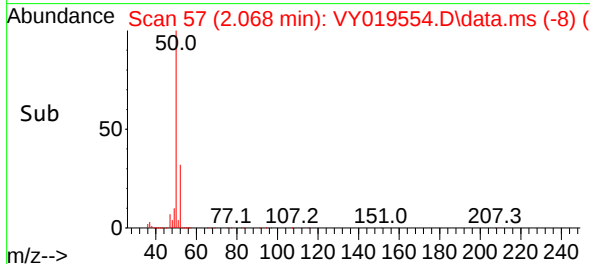
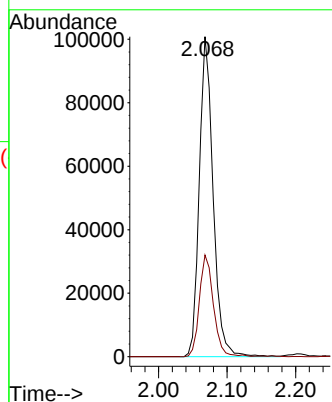
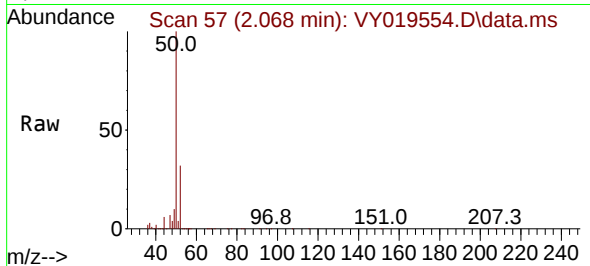




#3
Chloromethane
Concen: 48.805 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

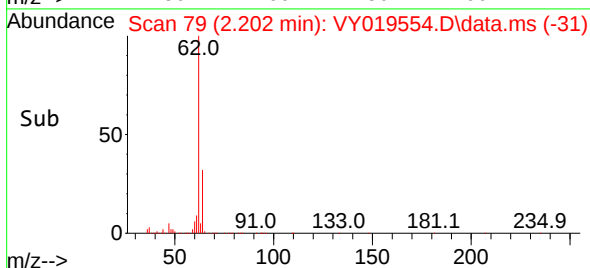
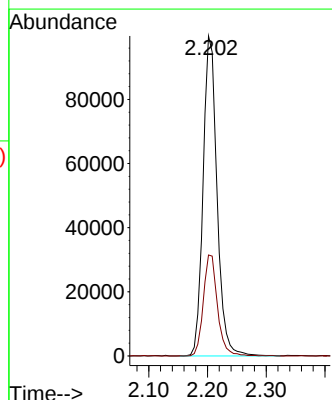
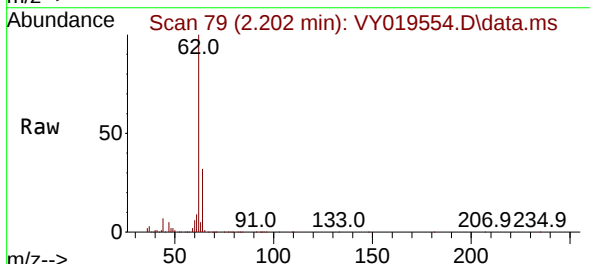
Instrument :
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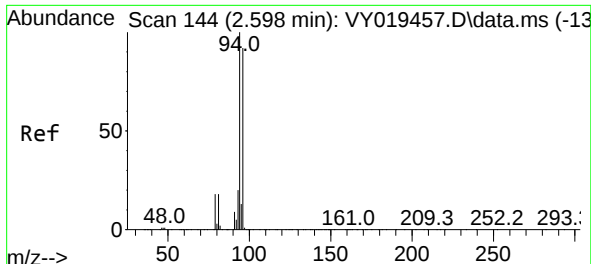
Tgt Ion: 50 Resp: 141865
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 52.459 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 62 Resp: 164887
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

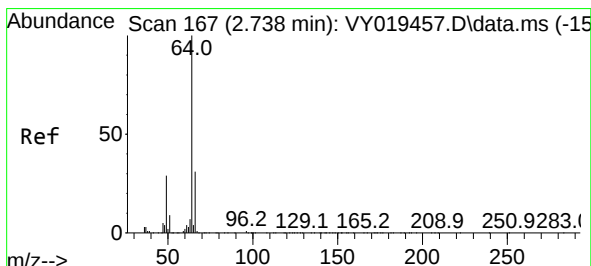
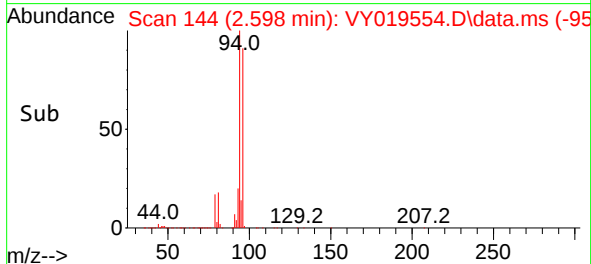
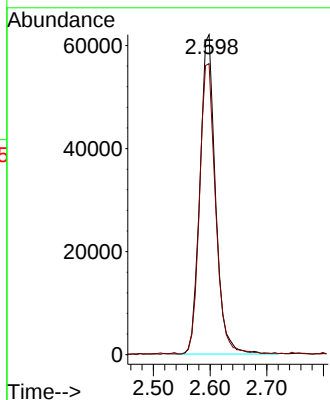
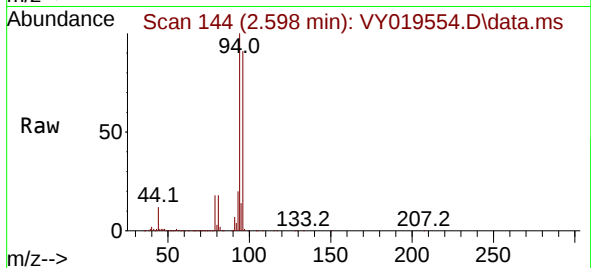




#5
Bromomethane
Concen: 61.264 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

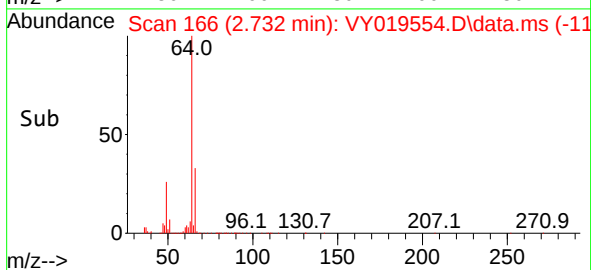
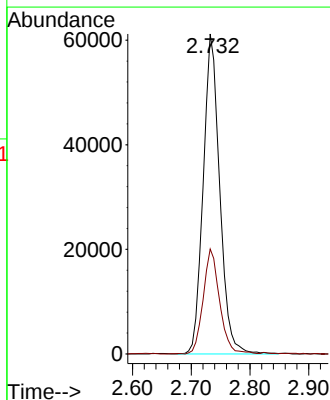
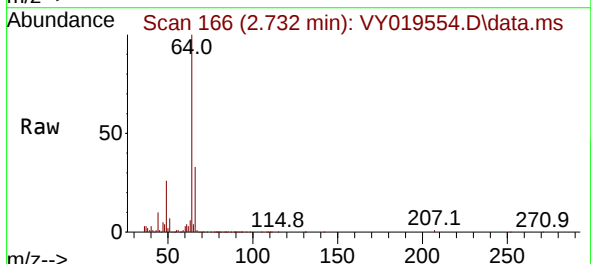
Instrument :
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Tgt Ion: 94 Resp: 118281
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 58.141 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 64 Resp: 119465
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

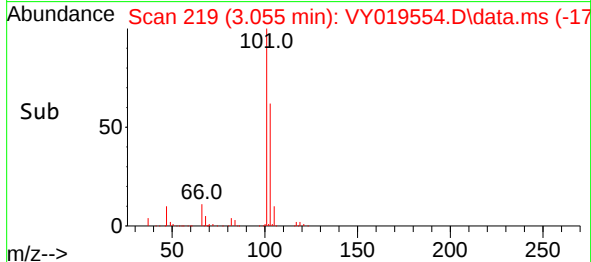
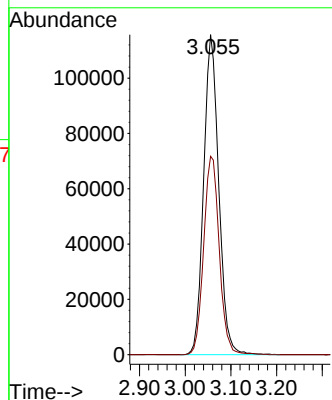
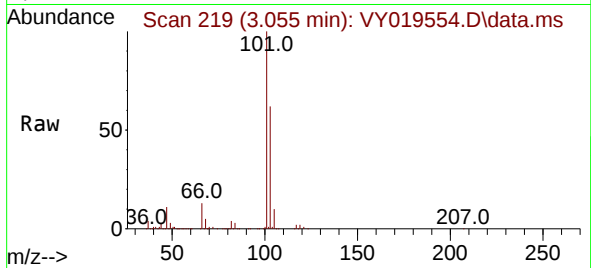




#7
Trichlorofluoromethane
Concen: 50.478 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

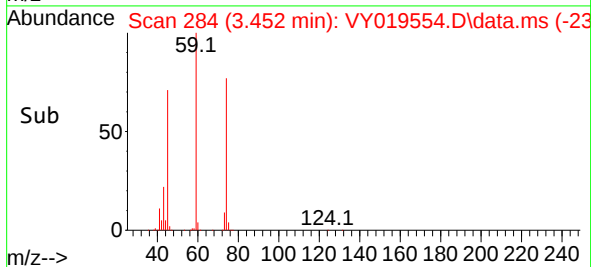
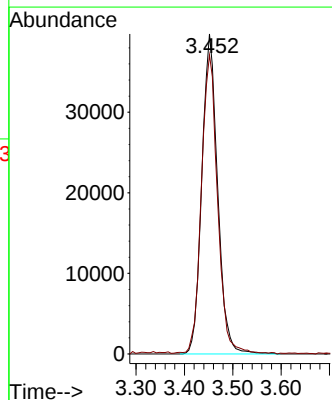
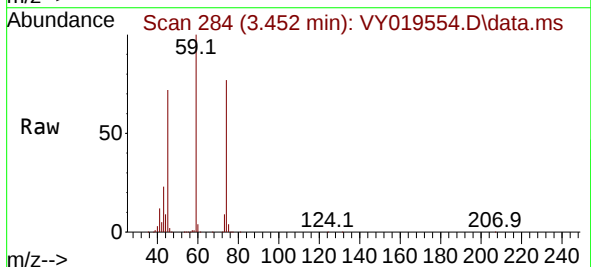
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 264477
Ion Ratio Lower Upper
101 100
103 62.0 49.3 73.9



#8
Diethyl Ether
Concen: 51.083 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 74 Resp: 89842
Ion Ratio Lower Upper
74 100
45 95.1 41.3 124.1

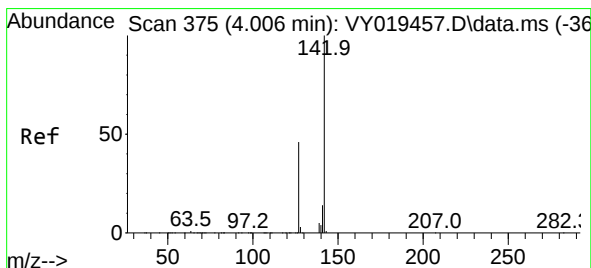
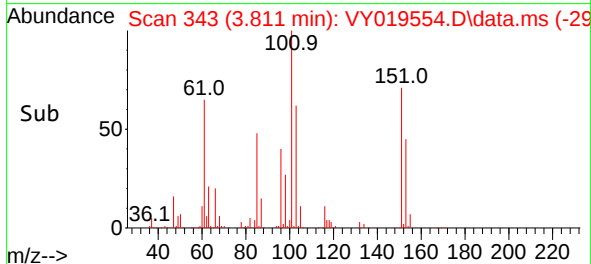
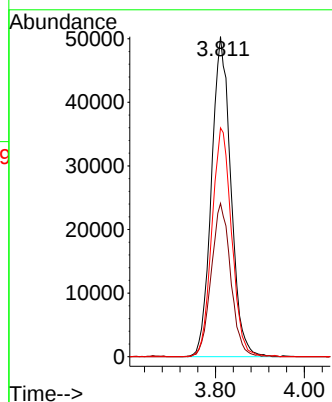
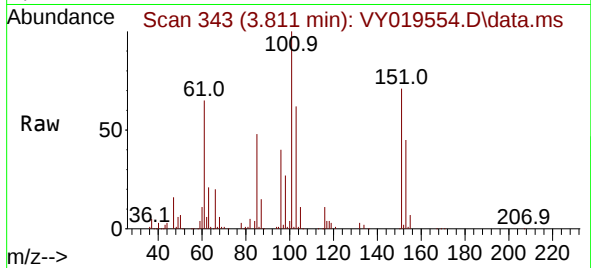




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.077 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019554.D
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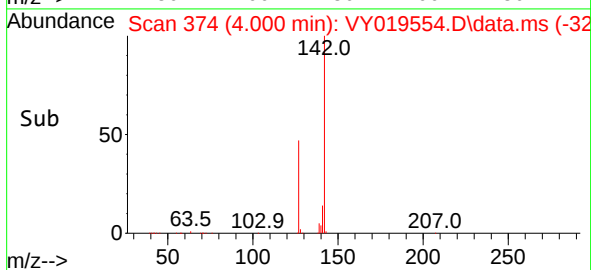
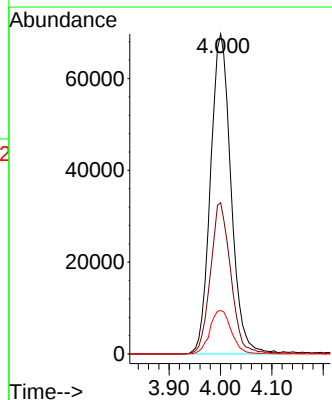
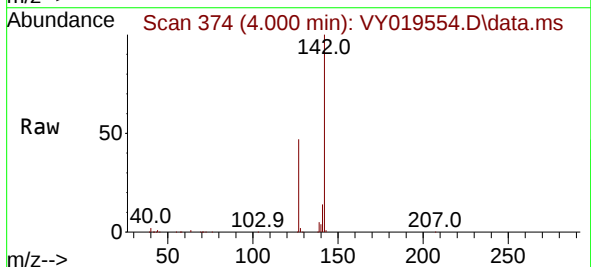
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

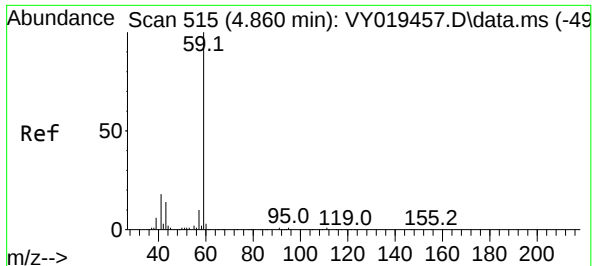
Tgt Ion:101 Resp: 152587
Ion Ratio Lower Upper
101 100
85 47.8 34.5 51.7
151 72.5 61.7 92.5



#10
Methyl Iodide
Concen: 46.563 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion:142 Resp: 193495
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.2 11.4 17.2

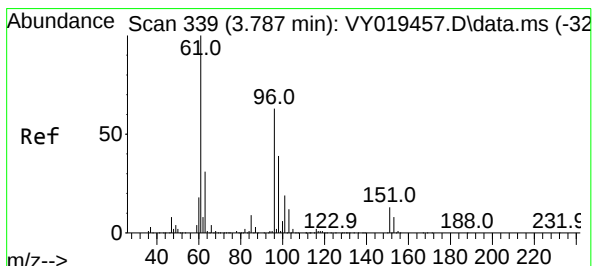
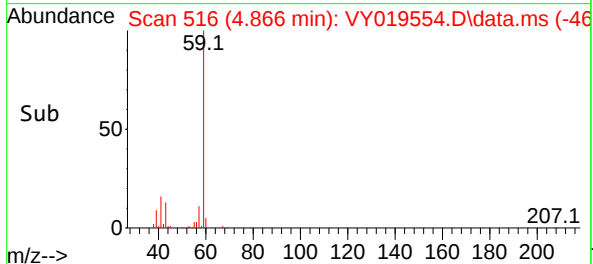
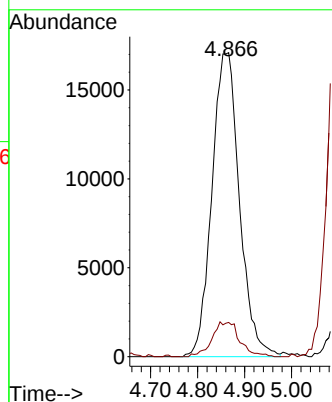
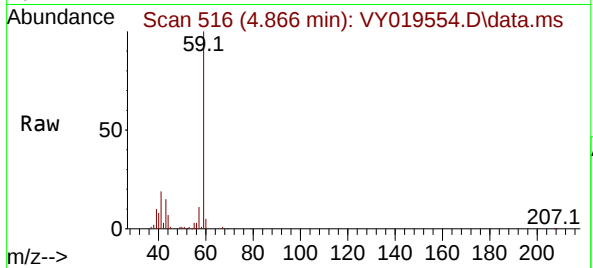




#11
Tert butyl alcohol
Concen: 265.060 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

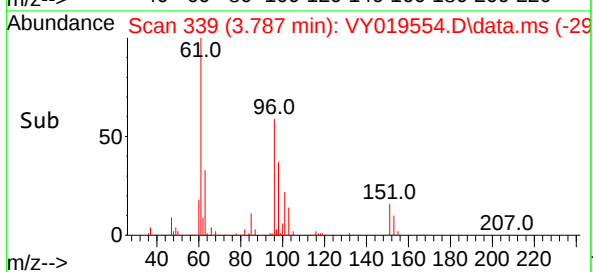
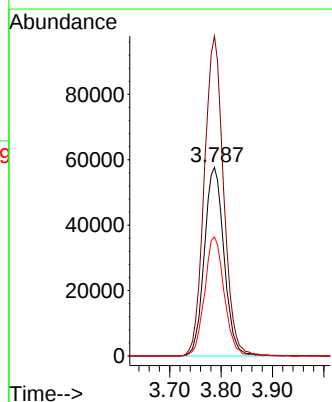
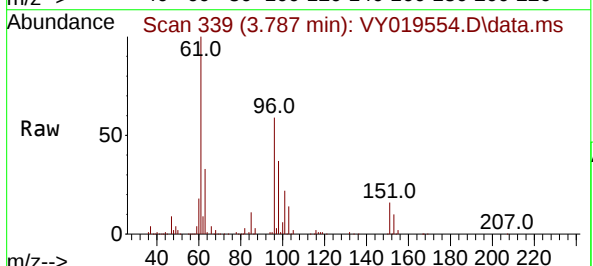
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 69638
Ion Ratio Lower Upper
59 100
57 11.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.247 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 96 Resp: 153506
Ion Ratio Lower Upper
96 100
61 169.6 114.6 171.8
98 63.1 50.8 76.2

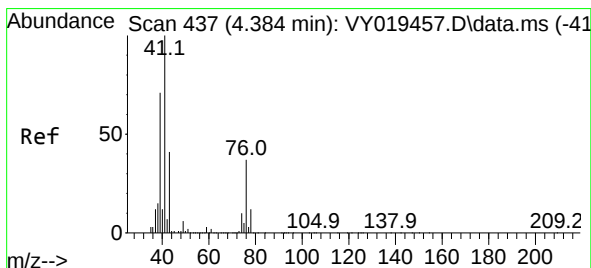
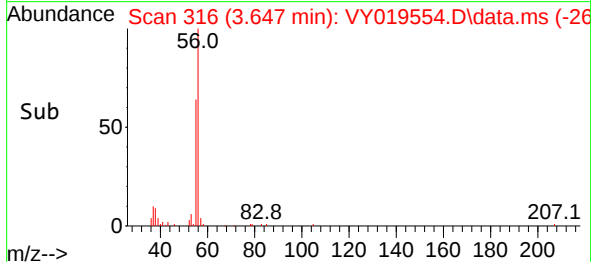
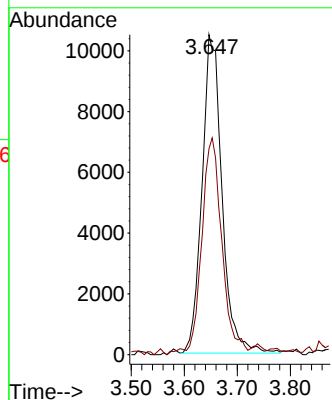
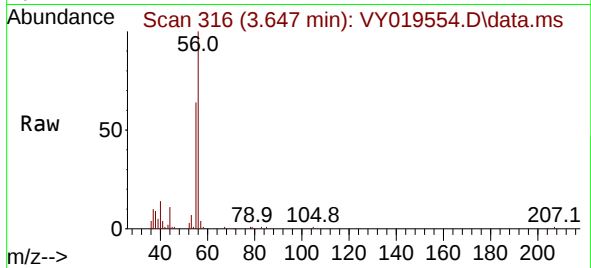




#13
Acrolein
Concen: 214.833 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

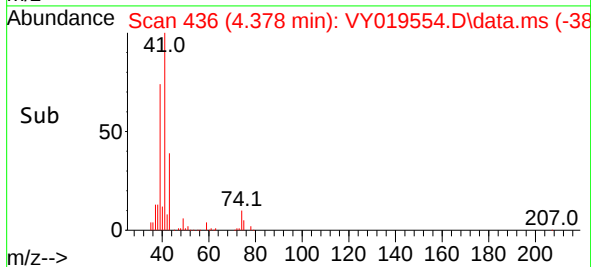
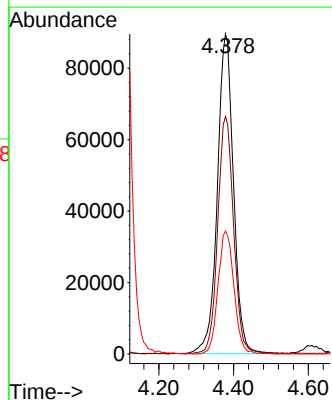
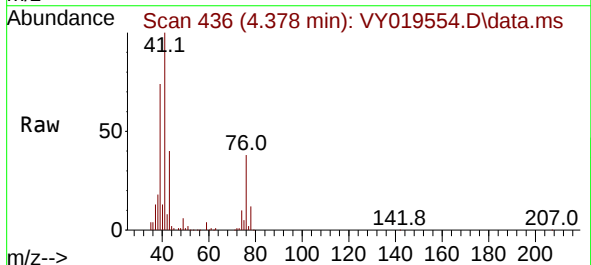
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

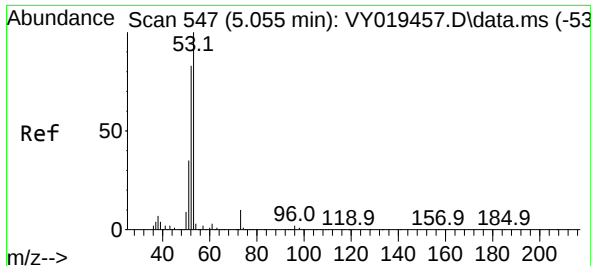
Tgt Ion: 56 Resp: 27427
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5



#14
Allyl chloride
Concen: 48.132 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 41 Resp: 269054
Ion Ratio Lower Upper
41 100
39 72.8 58.3 87.5
76 37.7 39.0 58.6#

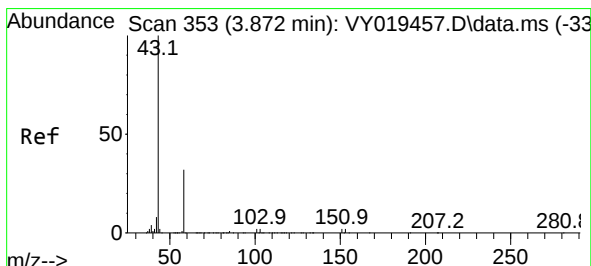
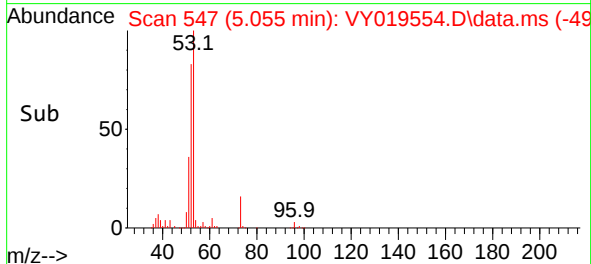
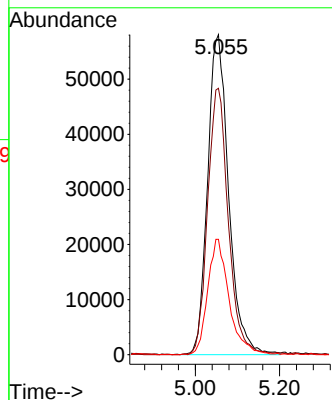
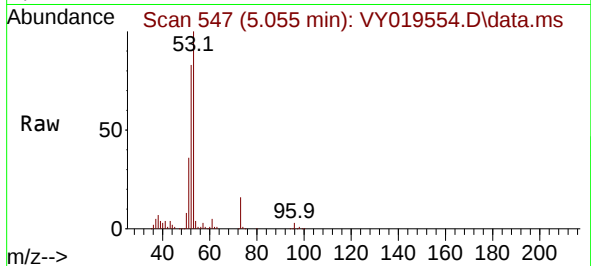




#15
Acrylonitrile
Concen: 265.964 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

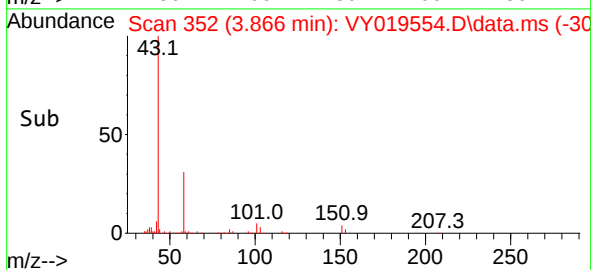
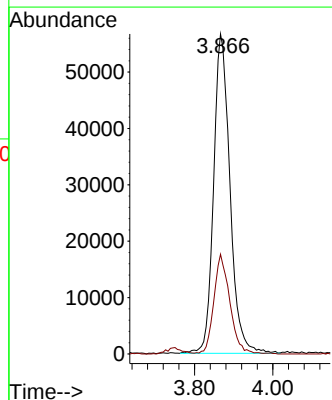
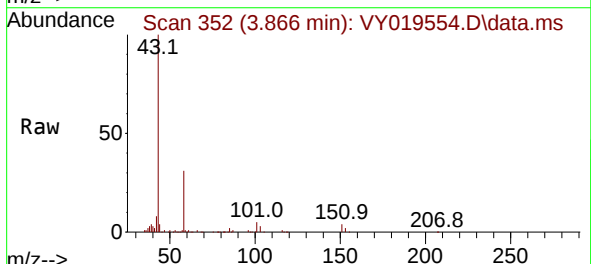
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

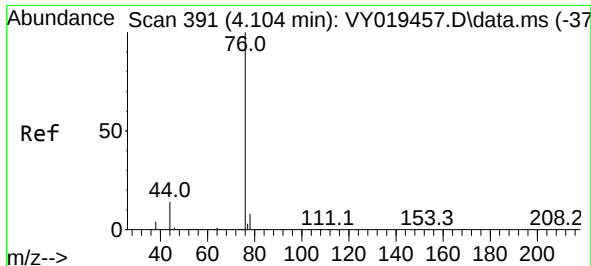
Tgt Ion: 53 Resp: 201691
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 36.6 28.4 42.6



#16
Acetone
Concen: 211.845 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 43 Resp: 164188
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#

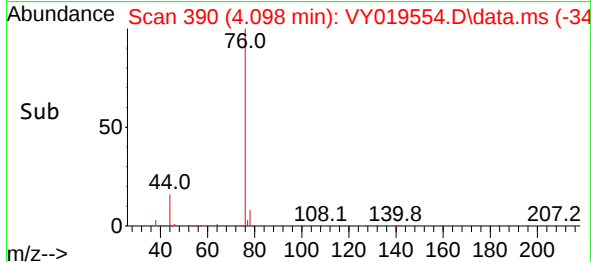
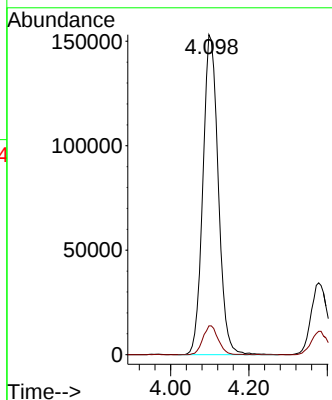
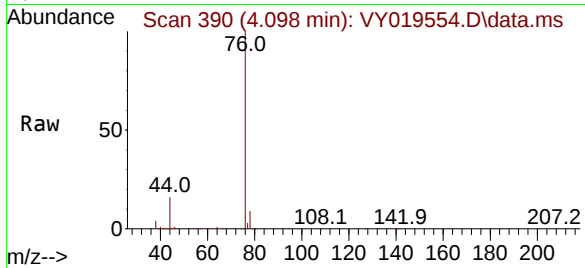




#17
Carbon Disulfide
Concen: 49.412 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

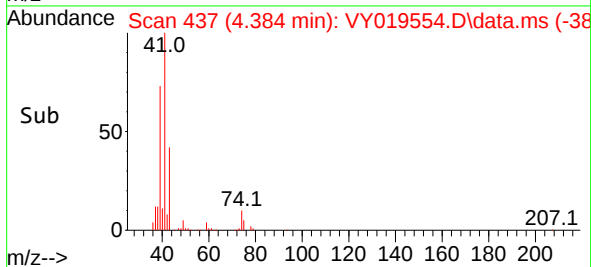
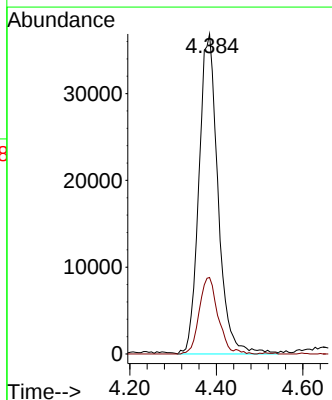
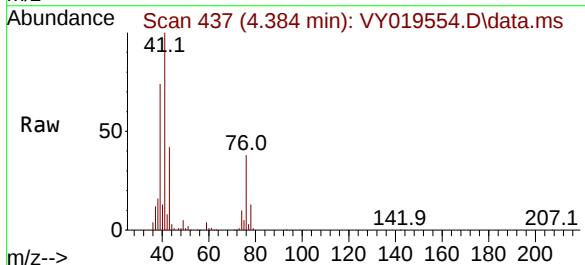
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

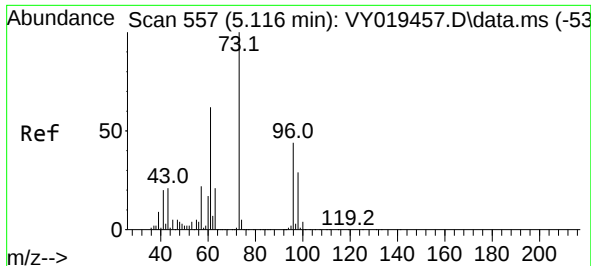
Tgt Ion: 76 Resp: 416139
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.623 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 43 Resp: 112784
Ion Ratio Lower Upper
43 100
74 23.1 23.3 34.9#

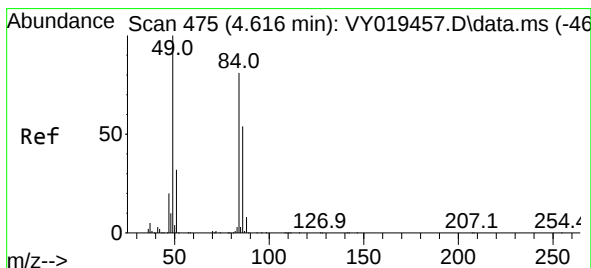
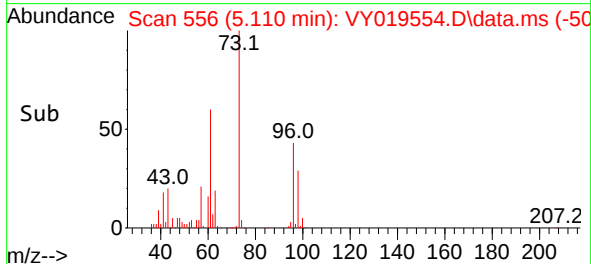
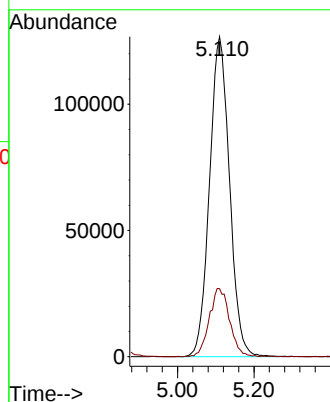
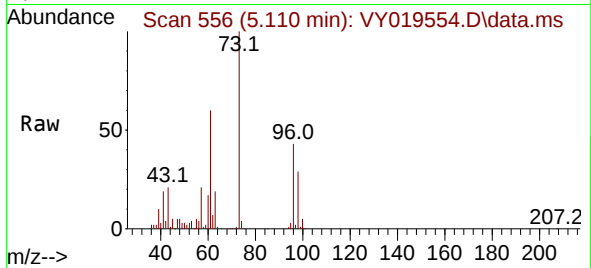




#19
Methyl tert-butyl Ether
Concen: 52.164 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

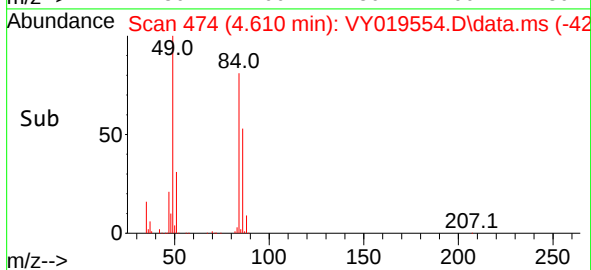
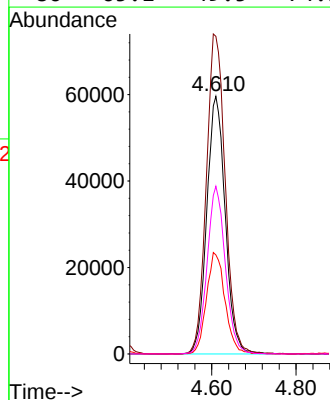
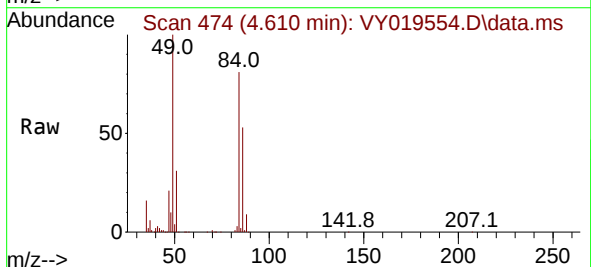
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

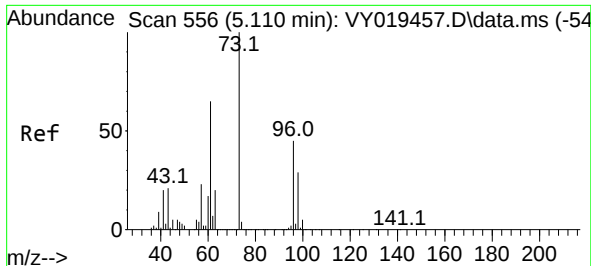
Tgt Ion: 73 Resp: 460522
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 51.365 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 84 Resp: 181553
Ion Ratio Lower Upper
84 100
49 123.3 84.4 126.6
51 38.4 26.0 39.0
86 65.1 49.5 74.3

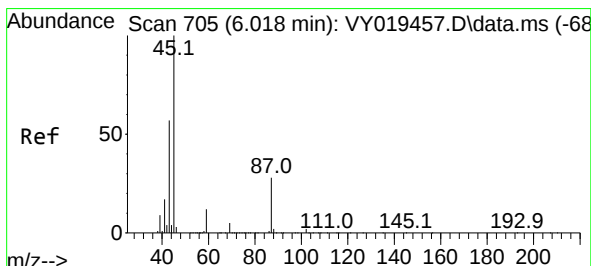
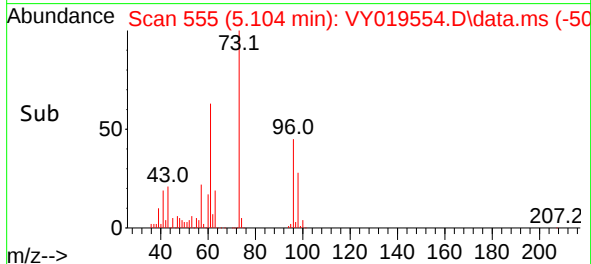
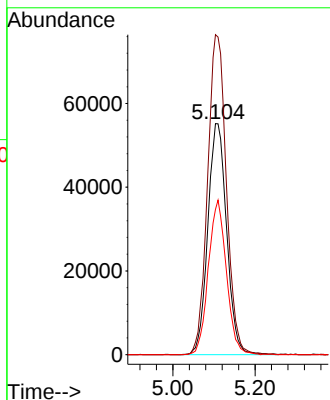
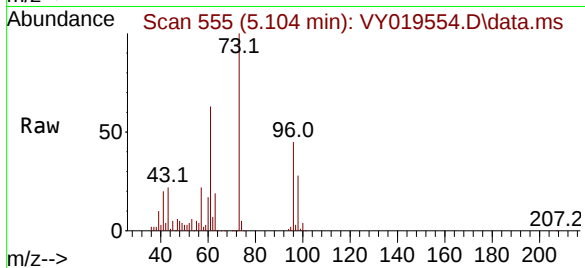




#21
trans-1,2-Dichloroethene
Concen: 51.394 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

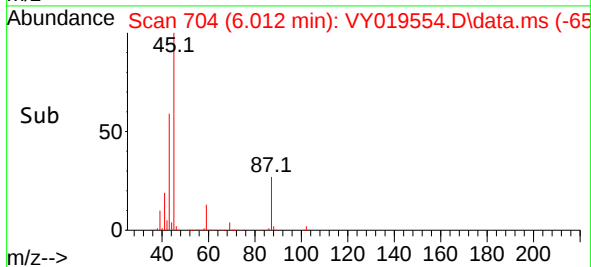
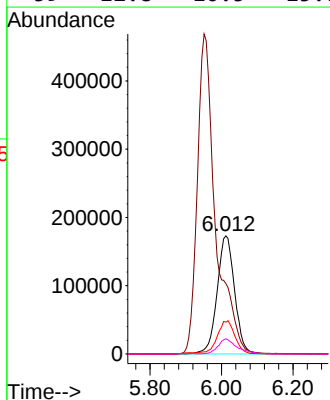
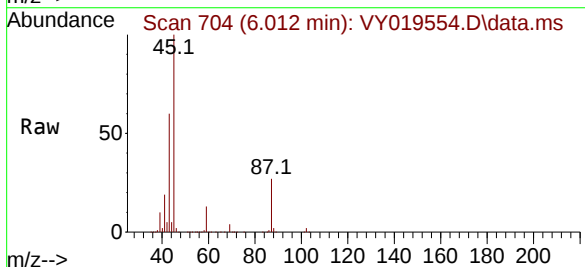
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 175591
Ion Ratio Lower Upper
96 100
61 138.5 97.5 146.3
98 62.9 50.5 75.7



#22
Diisopropyl ether
Concen: 51.206 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 45 Resp: 587782
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 26.9 25.0 37.6
59 12.8 10.5 15.7



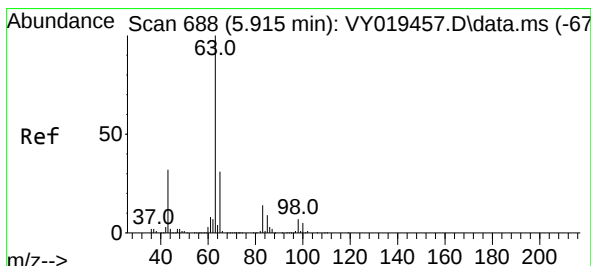
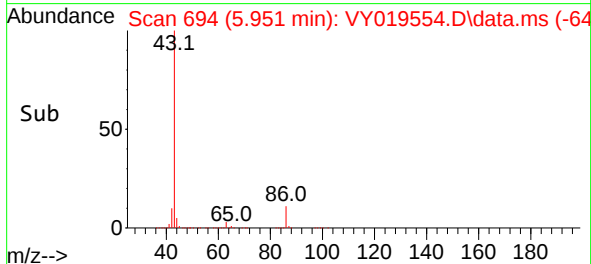
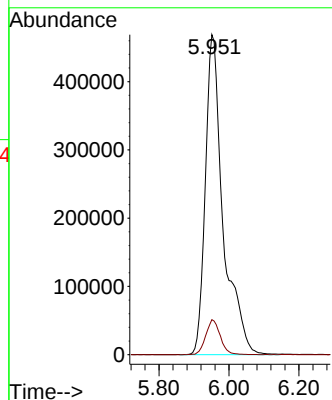
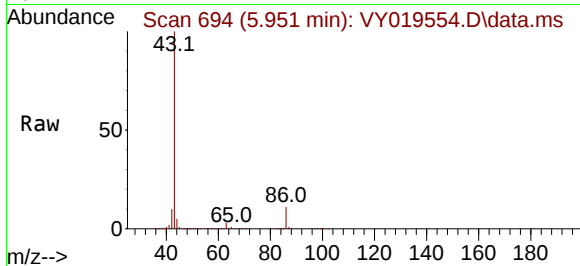


#23
 Vinyl Acetate
 Concen: 252.692 ug/l
 RT: 5.951 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY019554.D
 Acq: 13 Sep 2024 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1656803

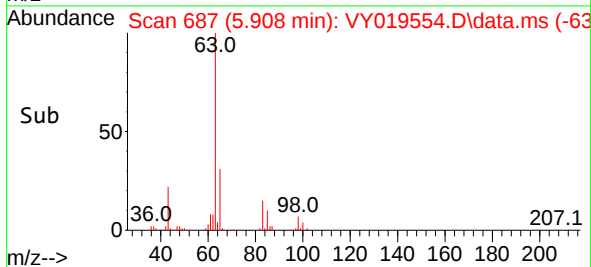
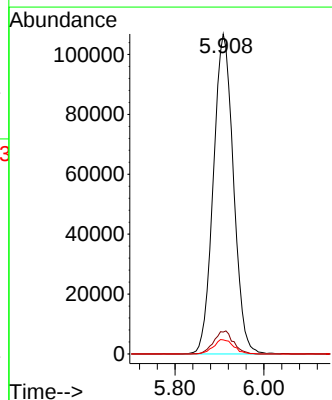
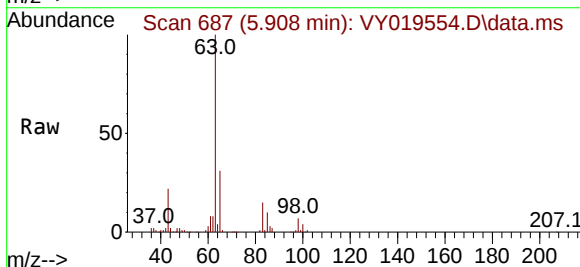
Ion	Ratio	Lower	Upper
43	100		
86	11.0	10.6	16.0

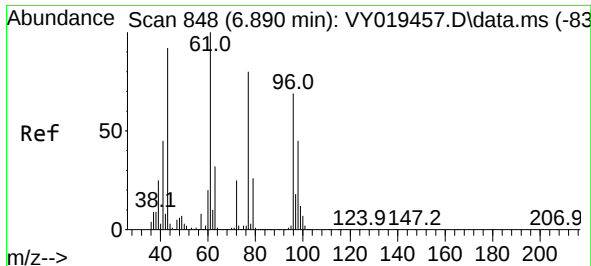


#24
 1,1-Dichloroethane
 Concen: 52.031 ug/l
 RT: 5.908 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019554.D
 Acq: 13 Sep 2024 21:02

Tgt Ion: 63 Resp: 335146

Ion	Ratio	Lower	Upper
63	100		
98	6.8	4.0	12.2
100	4.4	2.6	8.0





#25

2-Butanone

Concen: 240.144 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

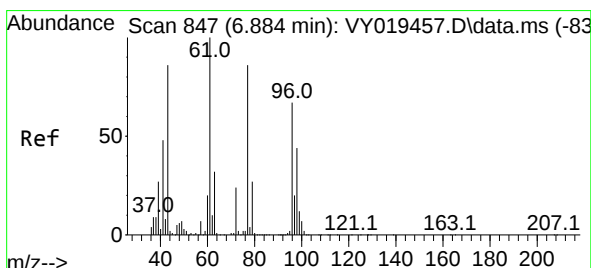
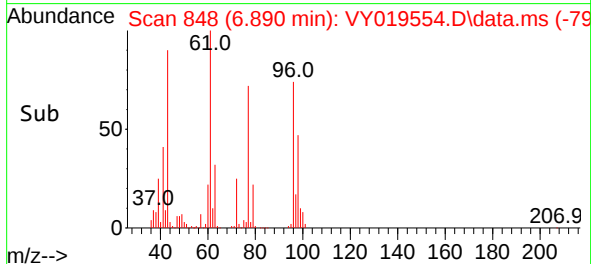
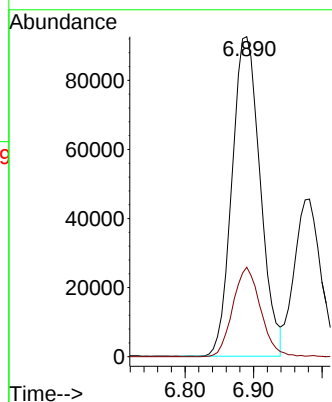
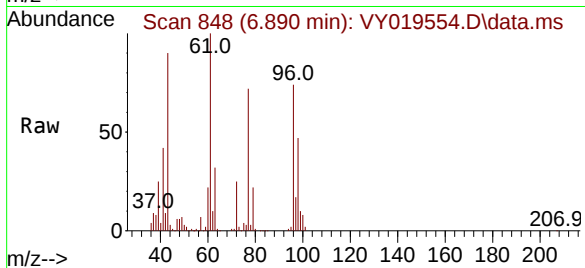
VSTDCCC050EC

Tgt Ion: 43 Resp: 264711

Ion Ratio Lower Upper

43 100

72 28.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 45.669 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019554.D

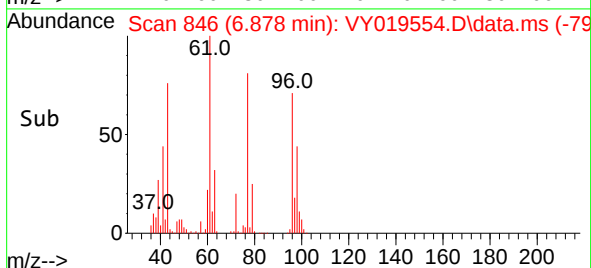
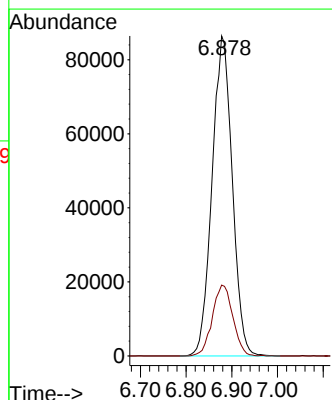
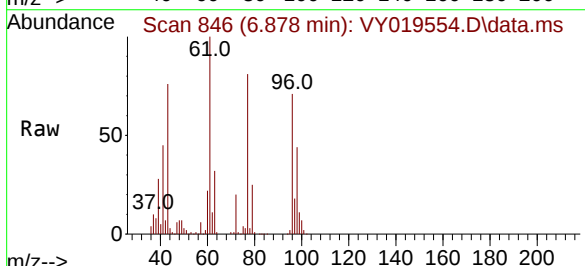
Acq: 13 Sep 2024 21:02

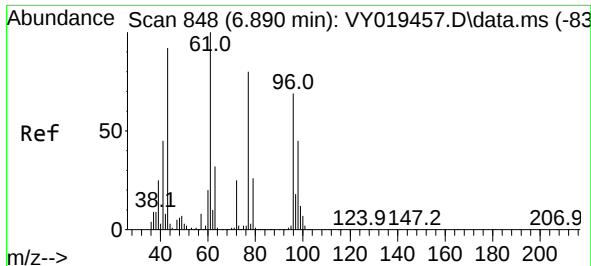
Tgt Ion: 77 Resp: 265348

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1

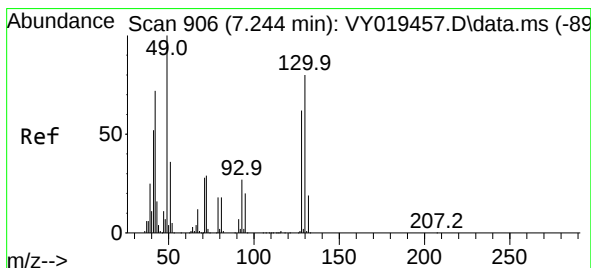
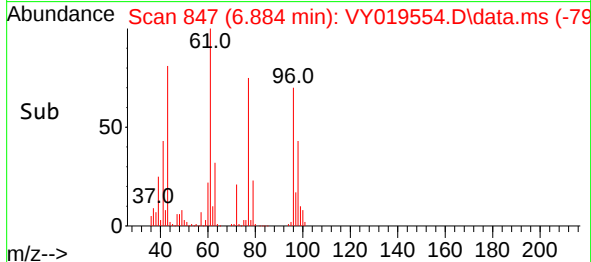
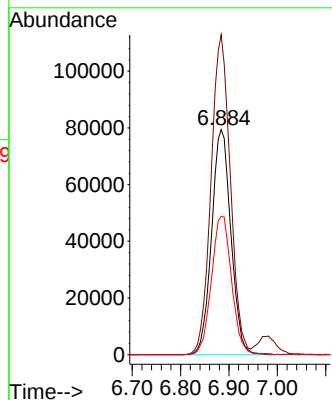
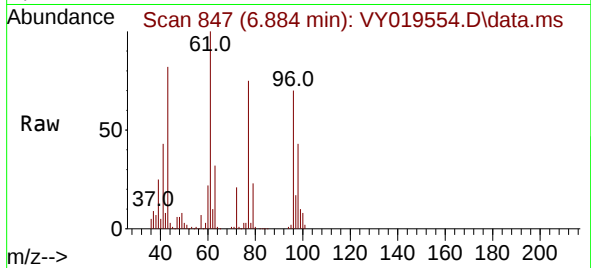




#27
 cis-1,2-Dichloroethene
 Concen: 53.007 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019554.D
 Acq: 13 Sep 2024 21:02

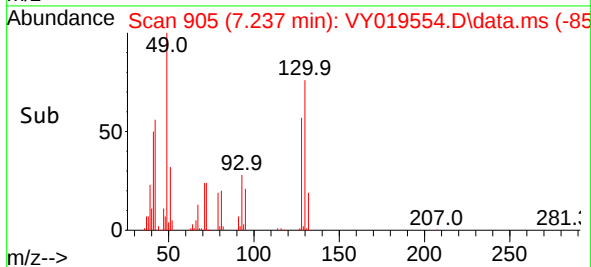
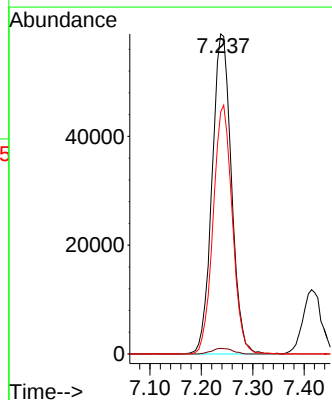
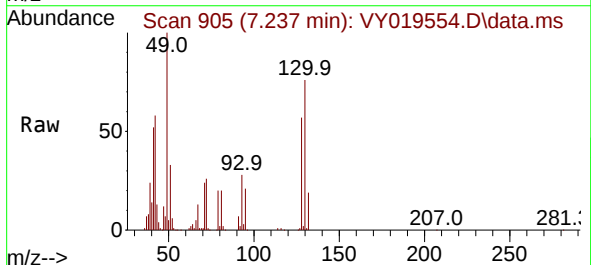
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 219989
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 256.2
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.842 ug/l
 RT: 7.237 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019554.D
 Acq: 13 Sep 2024 21:02

Tgt Ion: 49 Resp: 154051
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 76.7 72.7 109.1

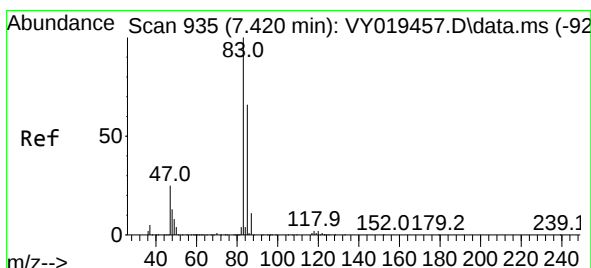
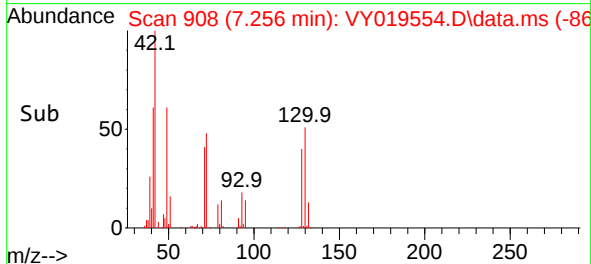
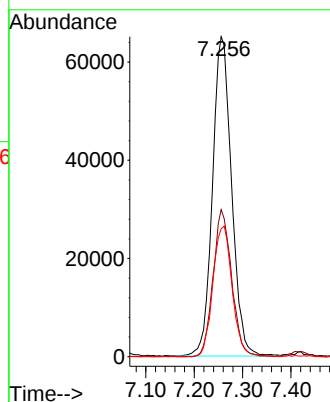
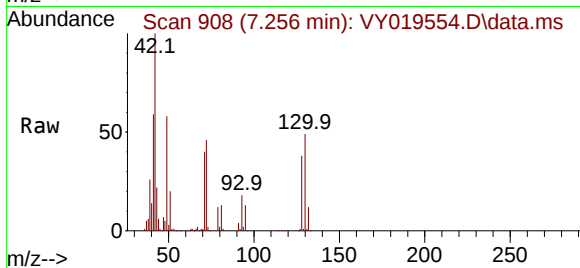




#29
Tetrahydrofuran
Concen: 266.422 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

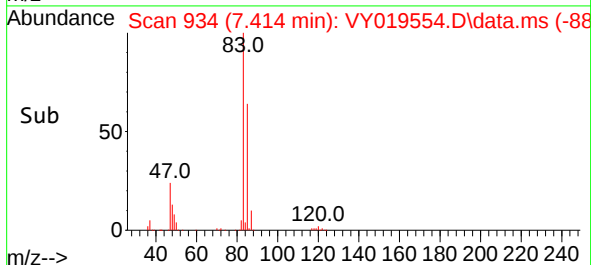
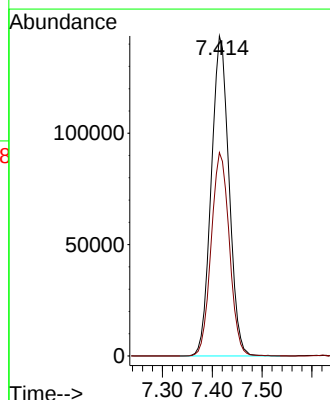
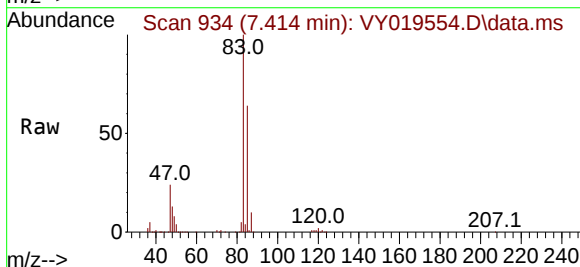
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 178560
Ion Ratio Lower Upper
42 100
72 44.6 43.0 64.4
71 41.2 40.8 61.2



#30
Chloroform
Concen: 53.961 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 83 Resp: 354818
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4

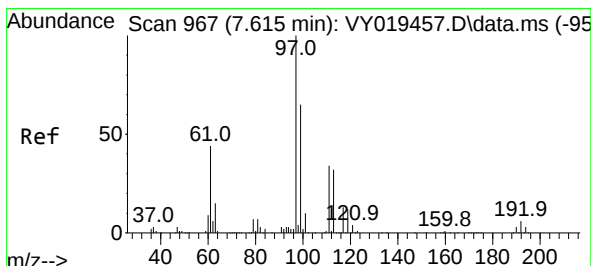
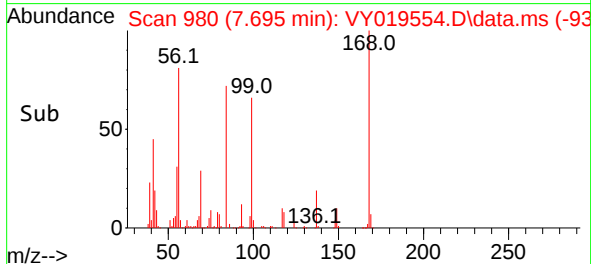
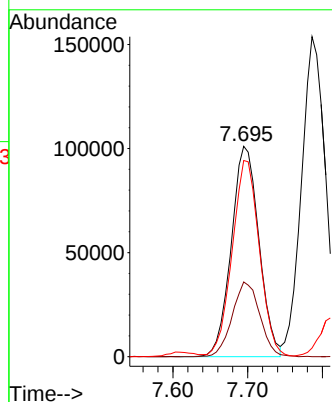
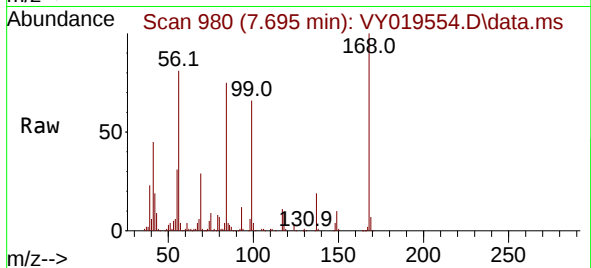




#31
Cyclohexane
Concen: 44.642 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

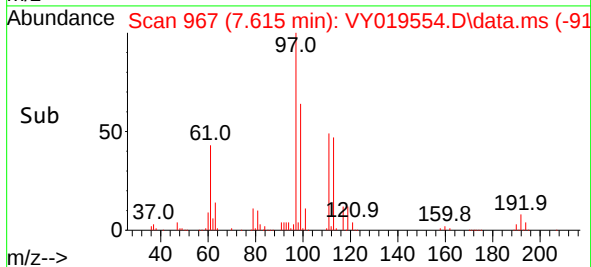
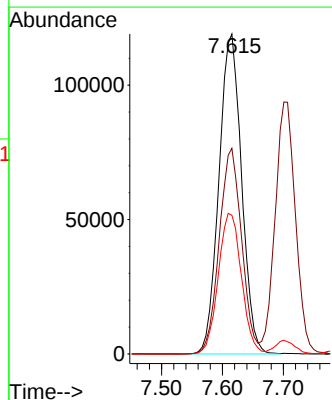
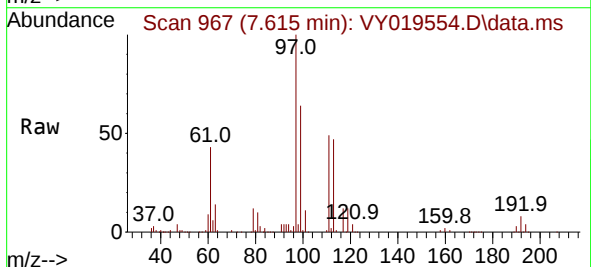
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 259917
Ion Ratio Lower Upper
56 100
69 35.5 28.7 43.1
84 91.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.120 ug/l
RT: 7.615 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 97 Resp: 307183
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 45.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 62.768 ug/l

RT: 8.060 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

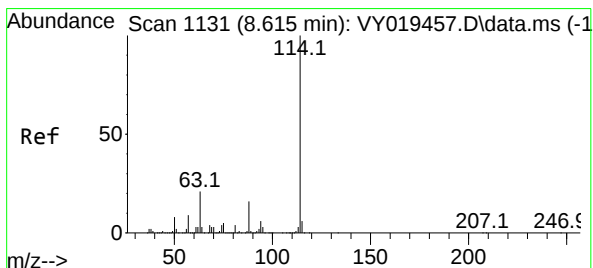
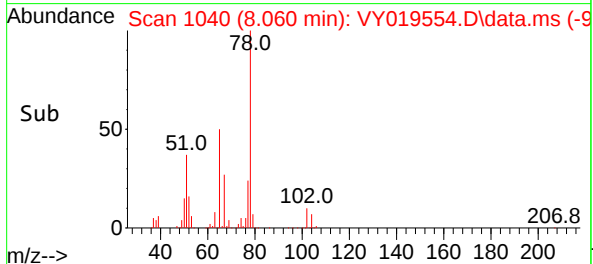
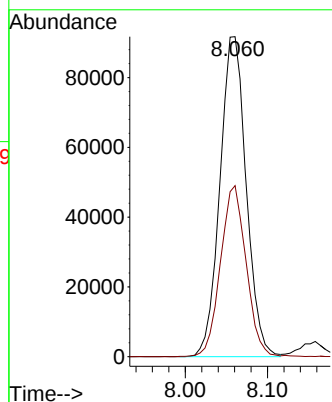
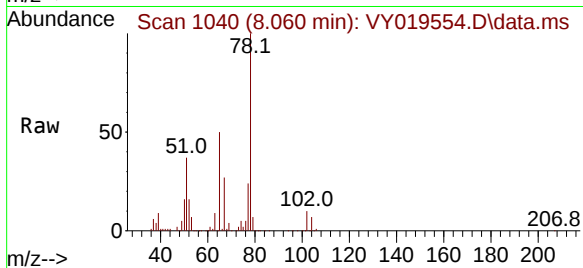
VSTDCCC050EC

Tgt Ion: 65 Resp: 204201

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019554.D

Acq: 13 Sep 2024 21:02

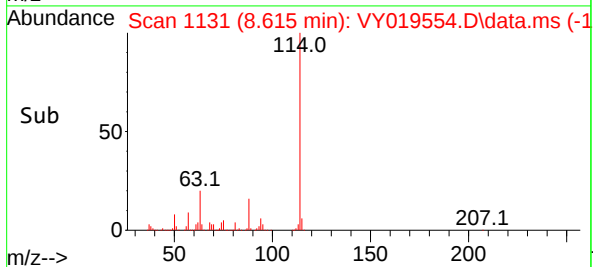
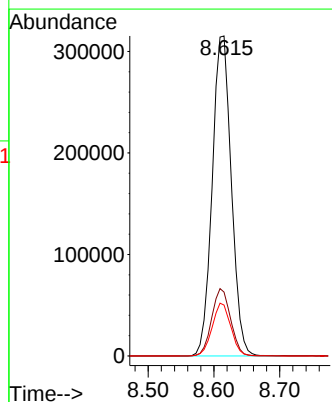
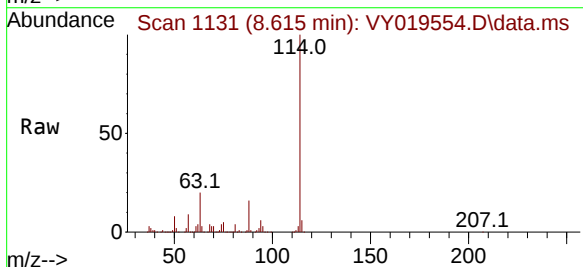
Tgt Ion: 114 Resp: 637504

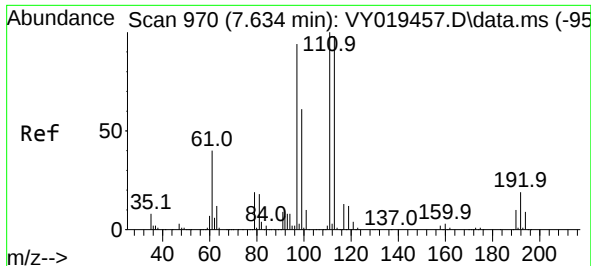
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 15.9 0.0 27.2

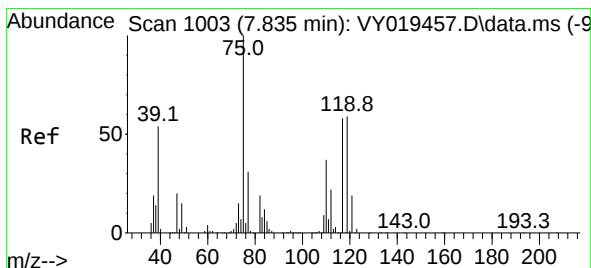
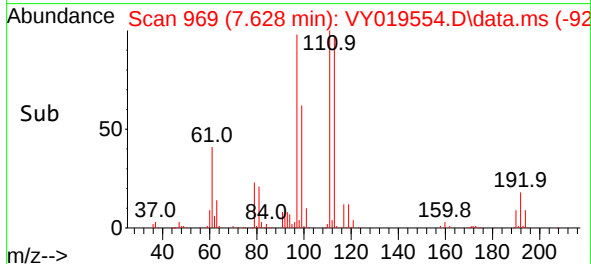
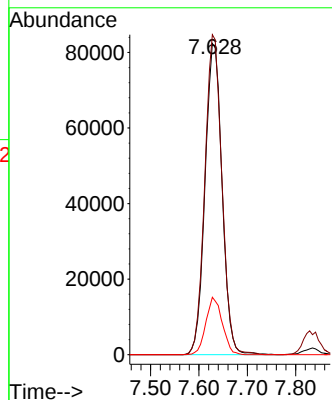
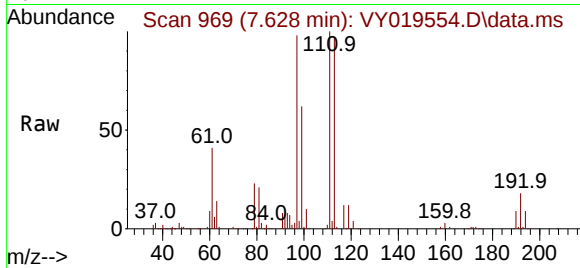




#35
Dibromofluoromethane
Concen: 55.724 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

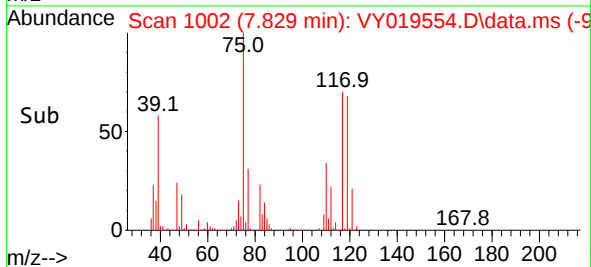
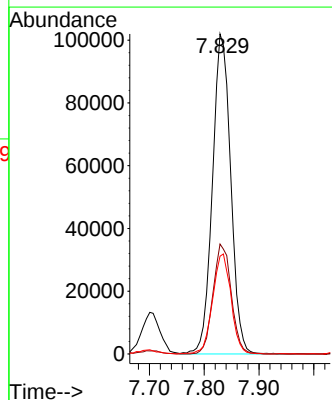
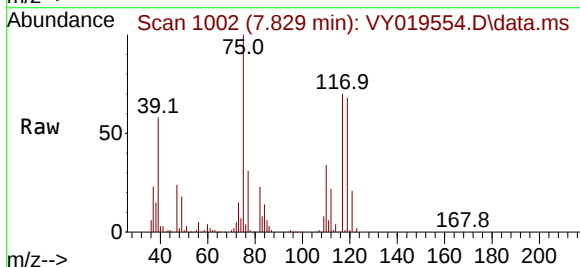
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 201415
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.957 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 75 Resp: 235870
Ion Ratio Lower Upper
75 100
110 34.3 19.0 57.0
77 31.5 25.3 37.9

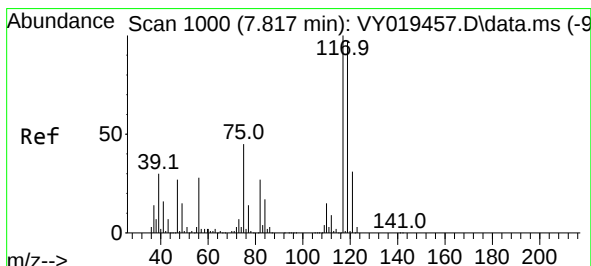
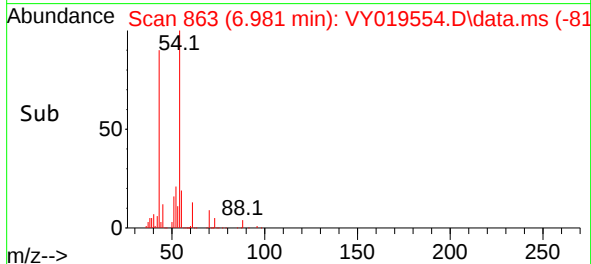
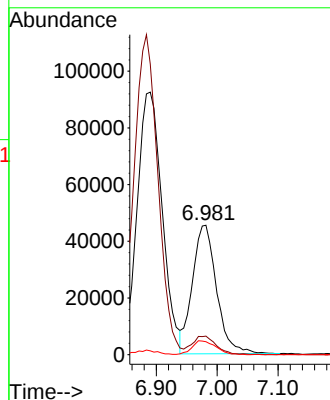
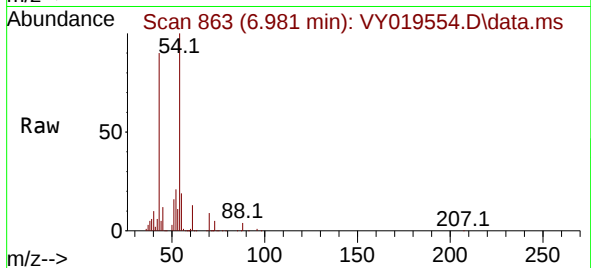




#37
Ethyl Acetate
Concen: 49.624 ug/l
RT: 6.981 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

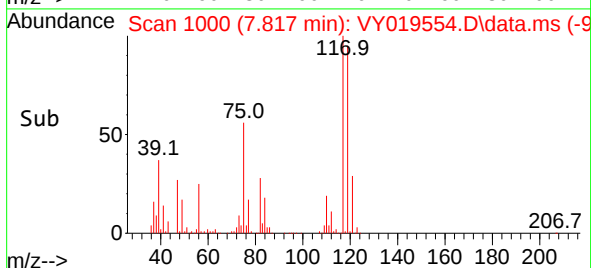
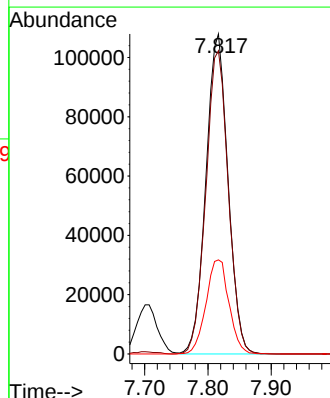
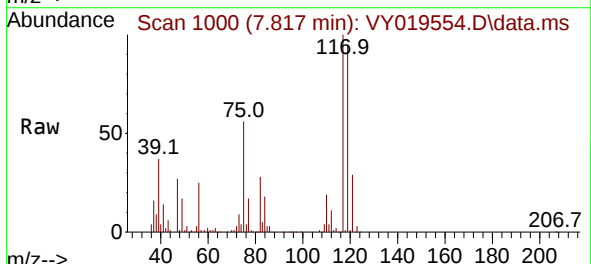
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 125055
Ion Ratio Lower Upper
43 100
61 14.1 12.6 19.0
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.317 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 117 Resp: 262435
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 44.274 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

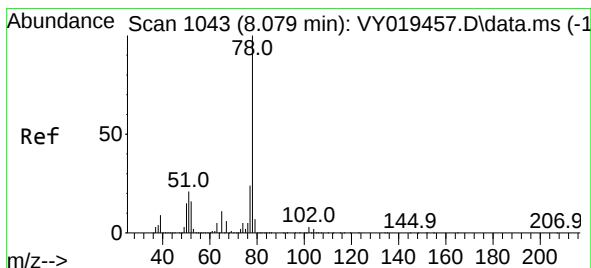
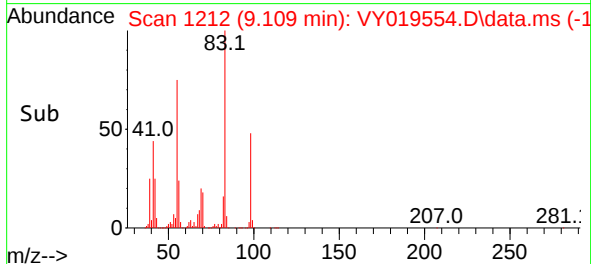
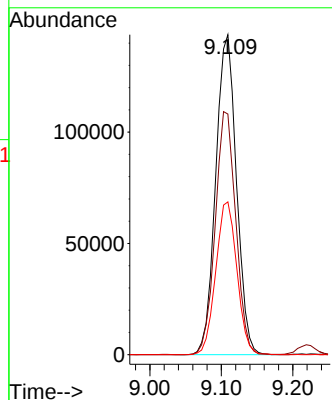
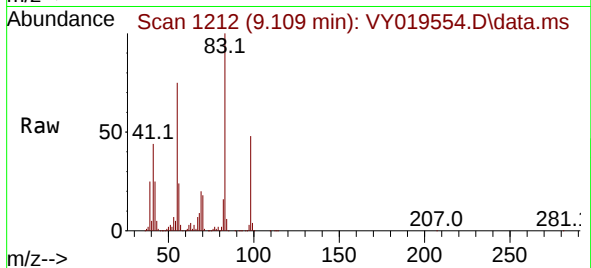
Tgt Ion: 83 Resp: 289784

Ion Ratio Lower Upper

83 100

55 75.2 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 49.012 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019554.D

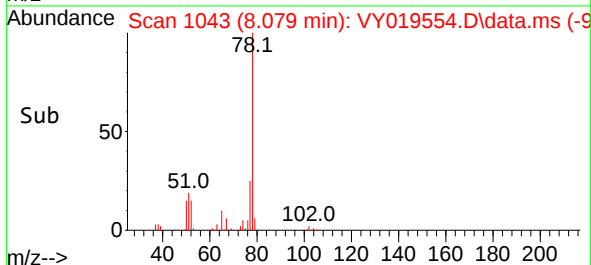
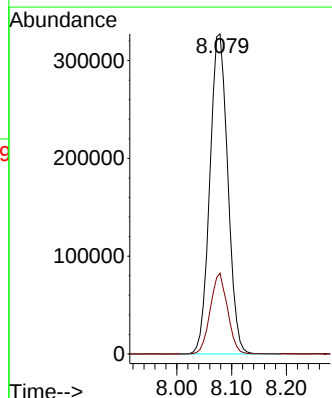
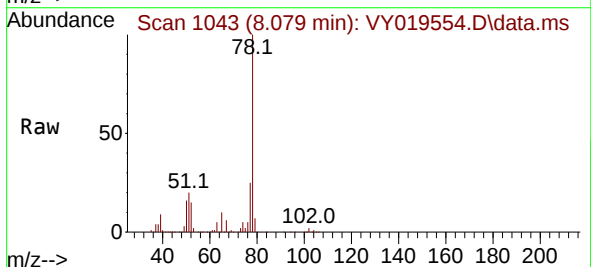
Acq: 13 Sep 2024 21:02

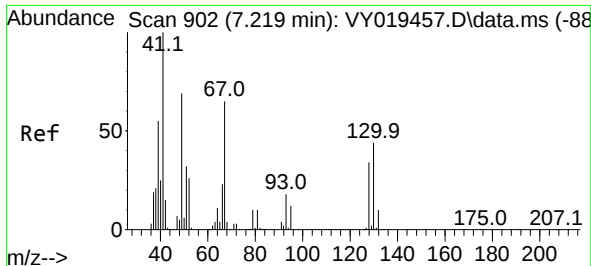
Tgt Ion: 78 Resp: 742472

Ion Ratio Lower Upper

78 100

77 25.2 19.5 29.3

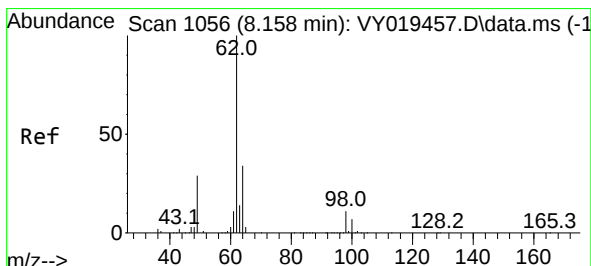
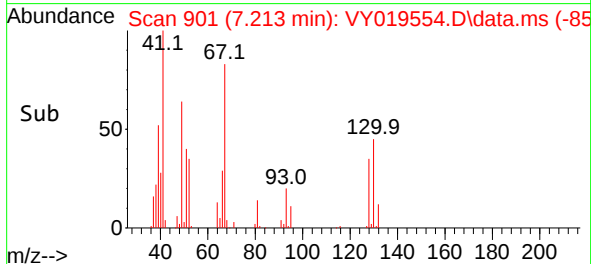
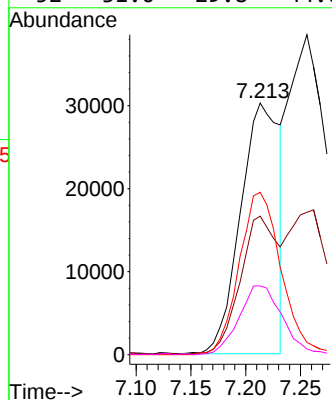
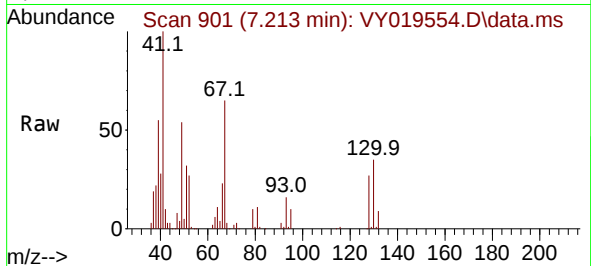




#41
Methacrylonitrile
Concen: 50.768 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

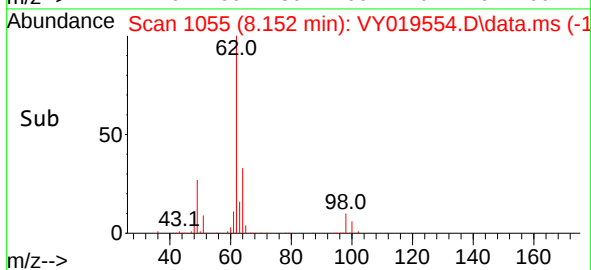
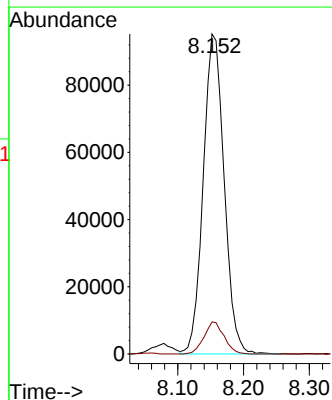
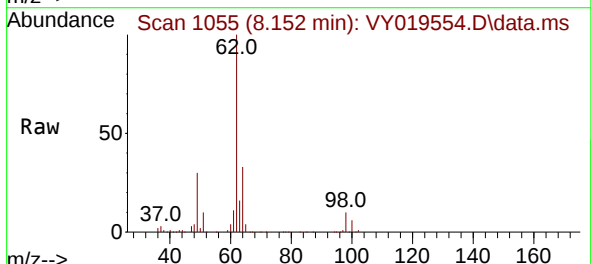
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 74577
Ion Ratio Lower Upper
41 100
39 52.7 48.0 72.0
67 70.4 75.1 112.7#
52 31.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 51.685 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 62 Resp: 210684
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0

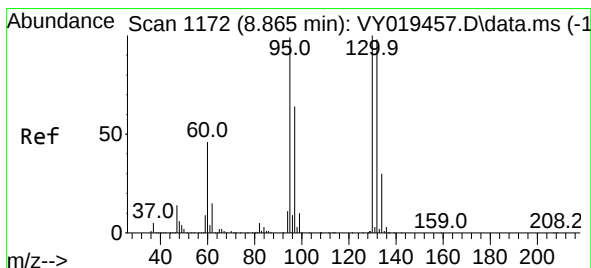
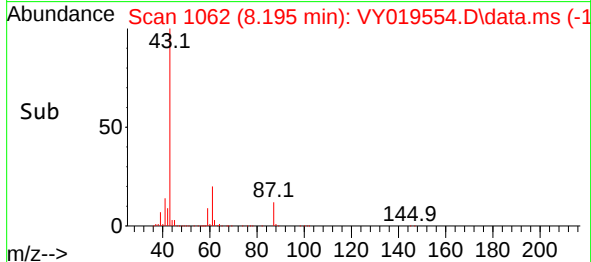
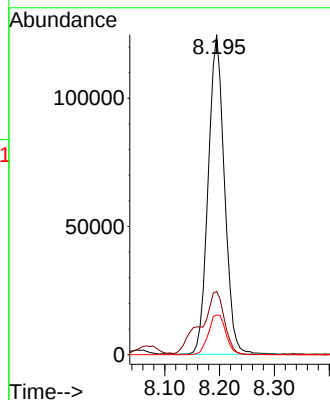
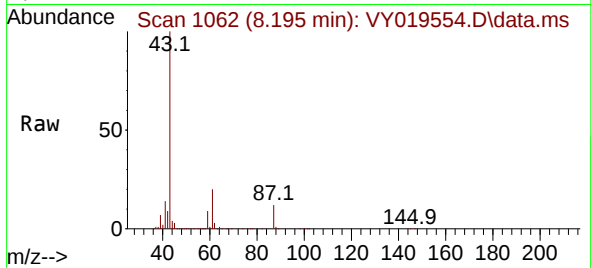




#43
Isopropyl Acetate
Concen: 48.135 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

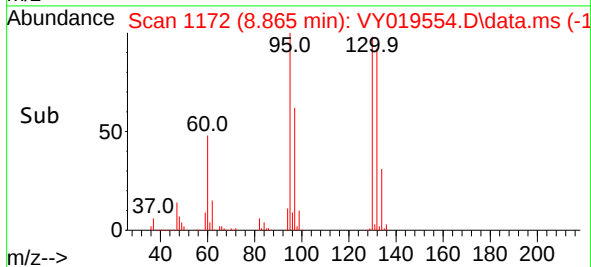
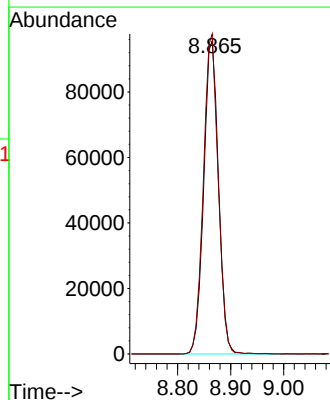
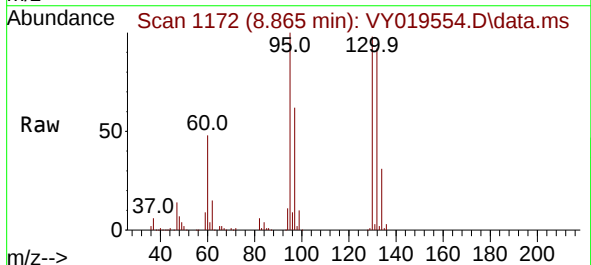
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254844
Ion Ratio Lower Upper
43 100
61 28.9 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 47.500 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion:130 Resp: 185058
Ion Ratio Lower Upper
130 100
95 102.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.657 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

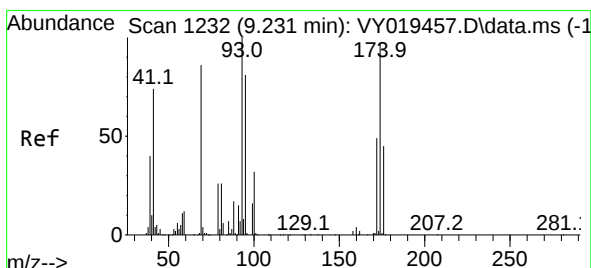
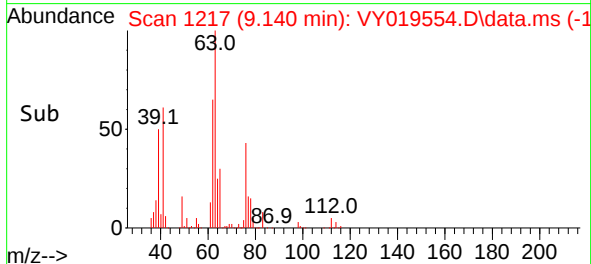
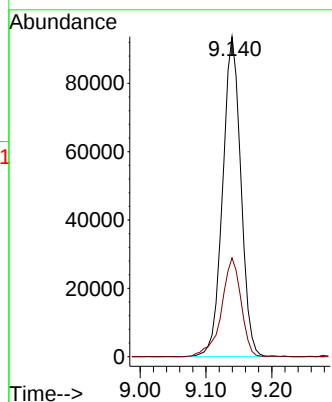
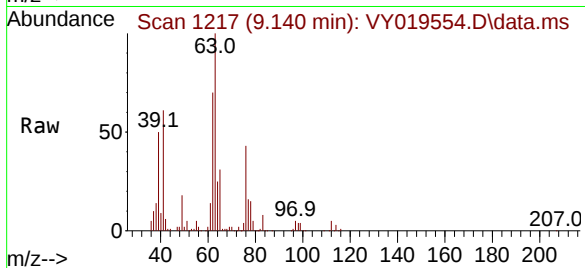
VSTDCCC050EC

Tgt Ion: 63 Resp: 180200

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 50.666 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

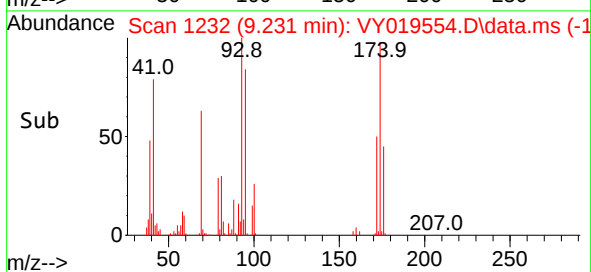
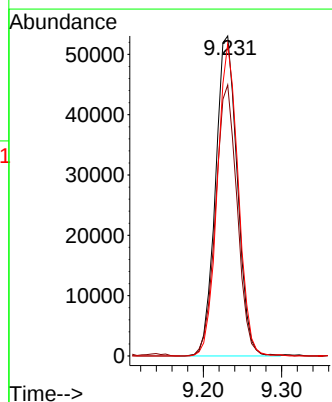
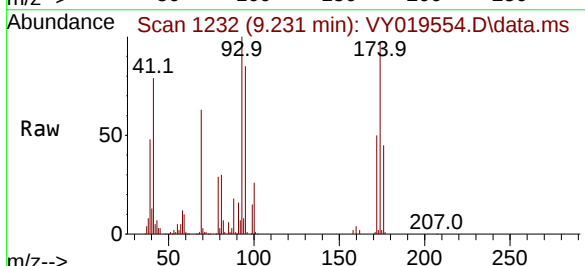
Tgt Ion: 93 Resp: 102611

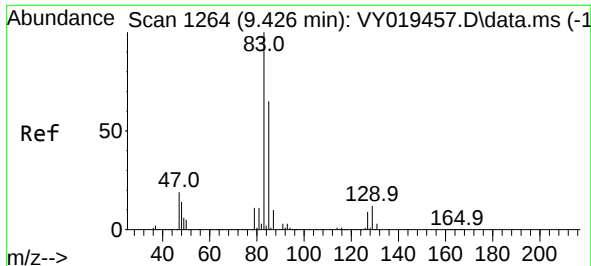
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 93.6 80.9 121.3

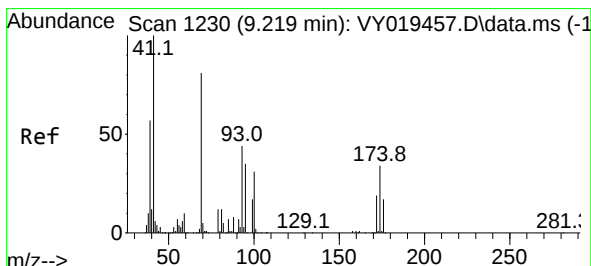
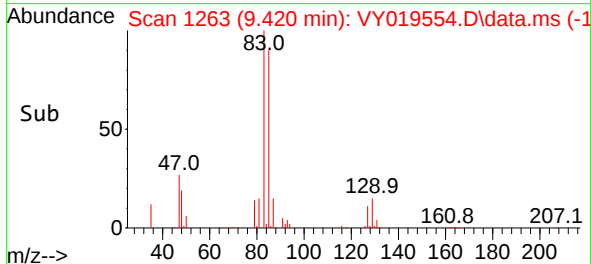
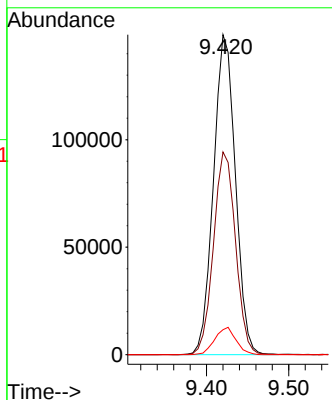
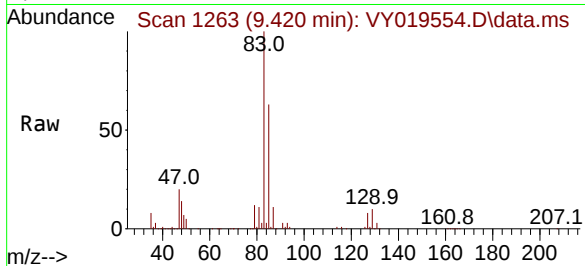




#47
Bromodichloromethane
Concen: 50.690 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

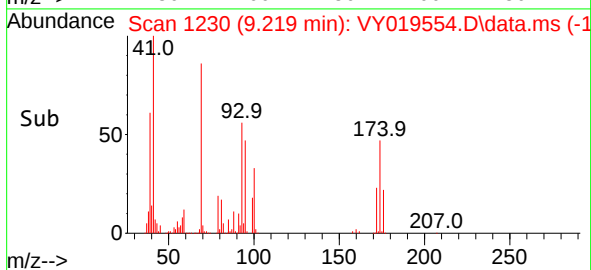
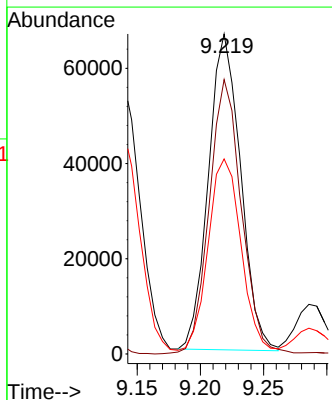
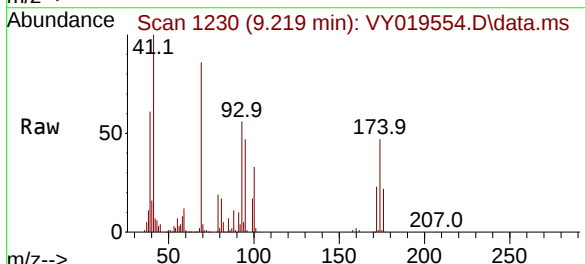
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

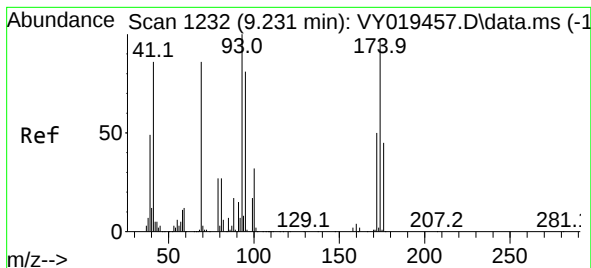
Tgt Ion: 83 Resp: 275957
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 46.947 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 41 Resp: 117376
Ion Ratio Lower Upper
41 100
69 87.0 84.1 126.1
39 63.7 43.6 65.4





#49

1,4-Dioxane

Concen: 982.733 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

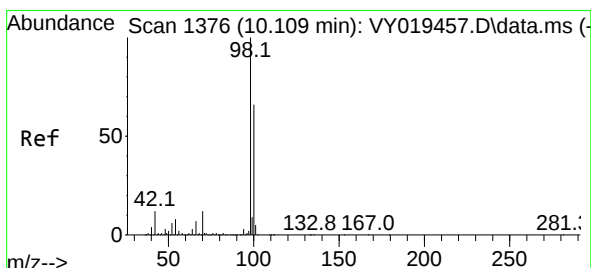
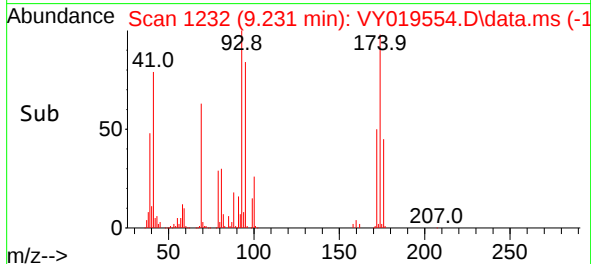
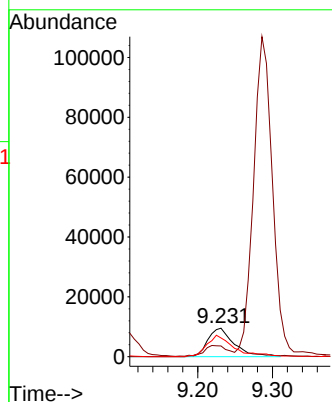
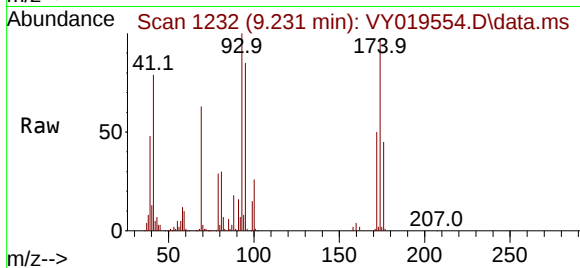
Tgt Ion: 88 Resp: 23430

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 79.1 49.3 73.9#



#50

Toluene-d8

Concen: 55.763 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019554.D

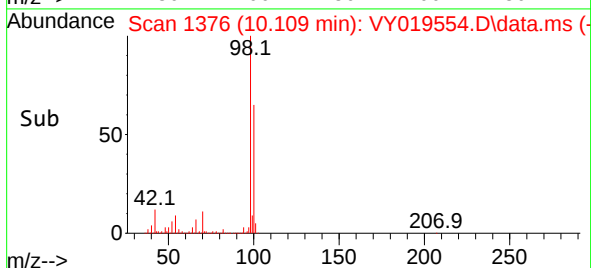
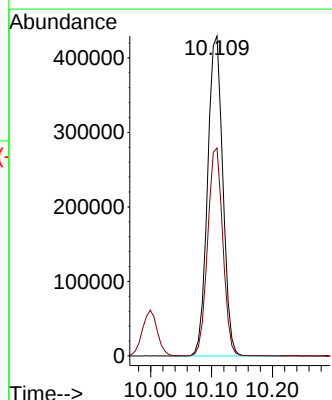
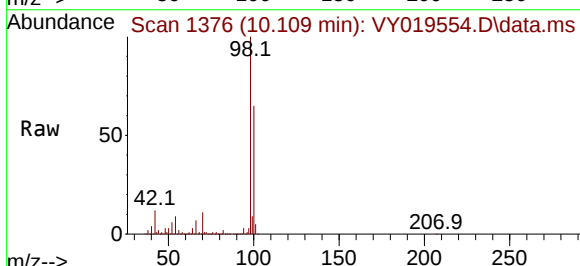
Acq: 13 Sep 2024 21:02

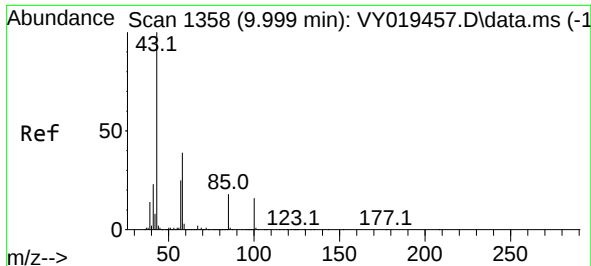
Tgt Ion: 98 Resp: 745517

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 248.172 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

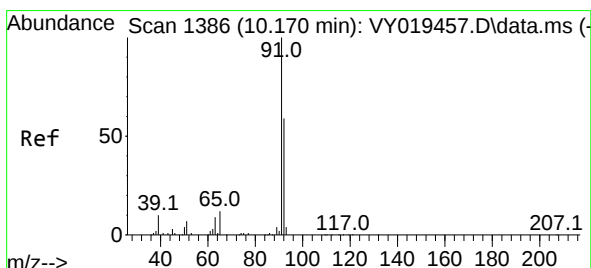
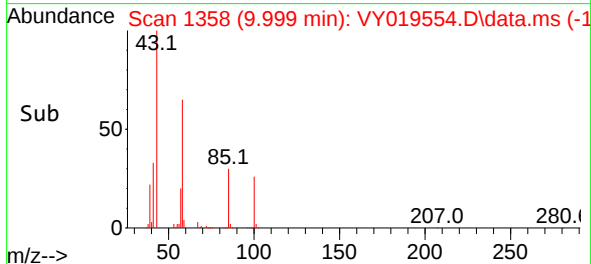
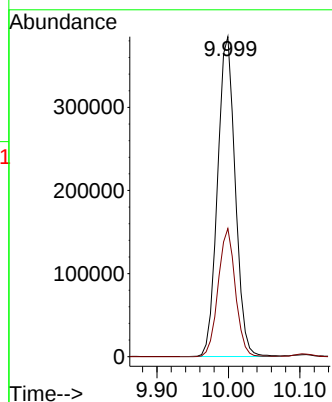
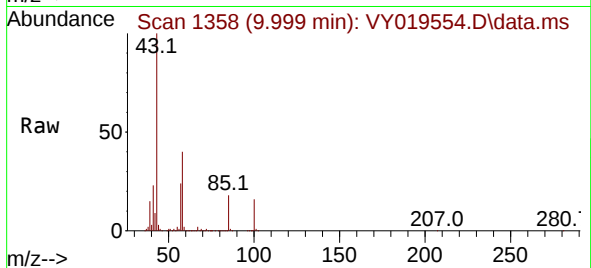
VSTDCCC050EC

Tgt Ion: 43 Resp: 661022

Ion Ratio Lower Upper

43 100

58 39.0 35.7 53.5



#52

Toluene

Concen: 49.594 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019554.D

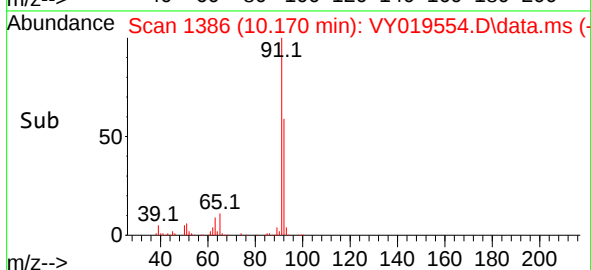
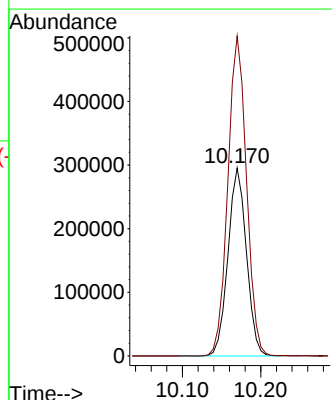
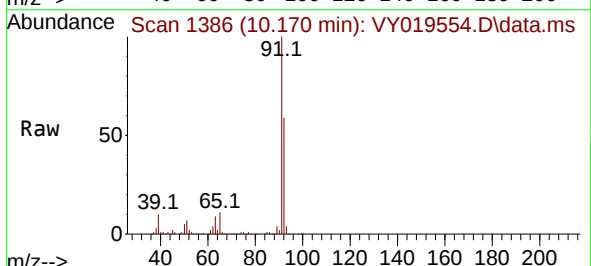
Acq: 13 Sep 2024 21:02

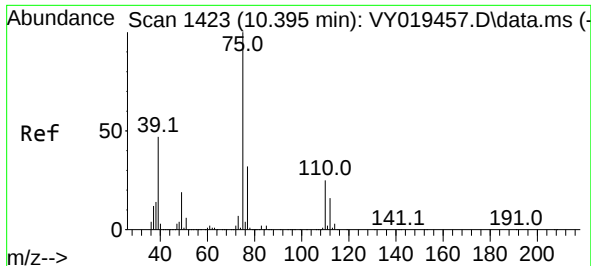
Tgt Ion: 92 Resp: 483186

Ion Ratio Lower Upper

92 100

91 172.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 46.907 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

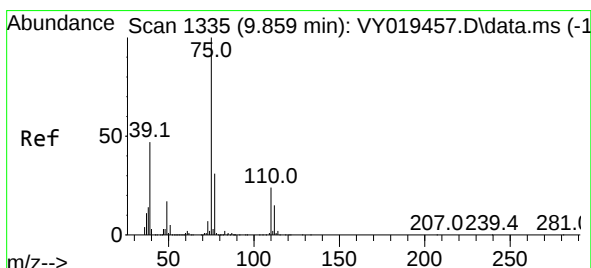
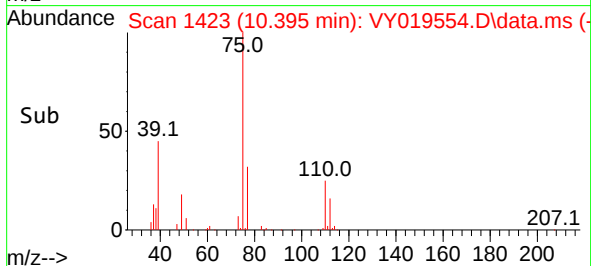
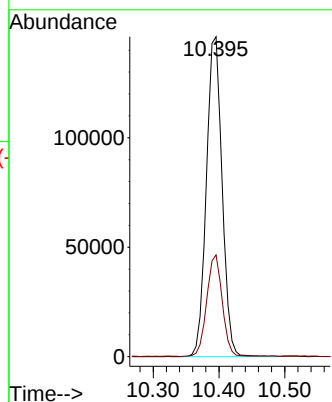
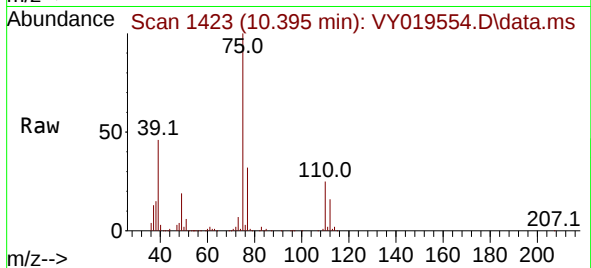
VSTDCCC050EC

Tgt Ion: 75 Resp: 243430

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 47.017 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

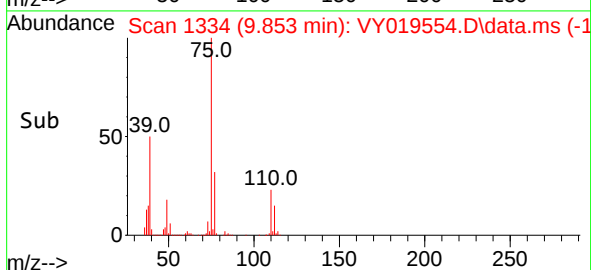
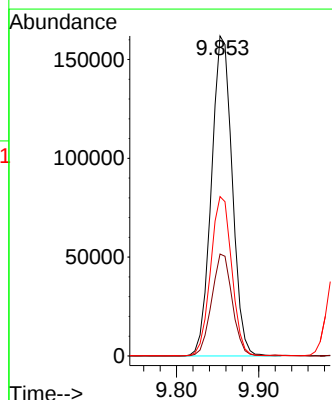
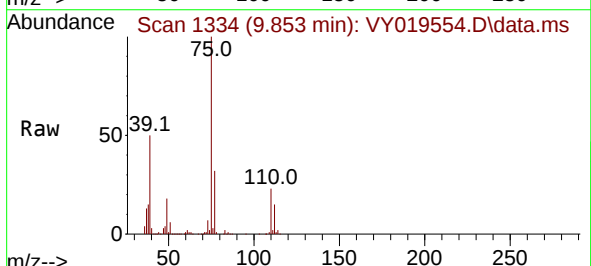
Tgt Ion: 75 Resp: 284119

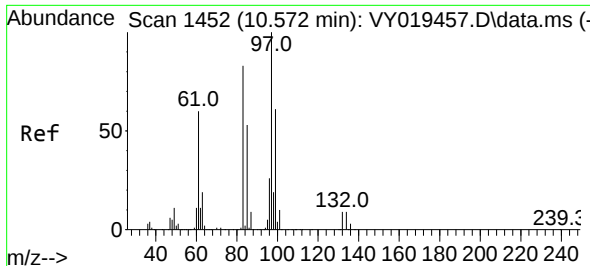
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 49.7 29.8 44.6#



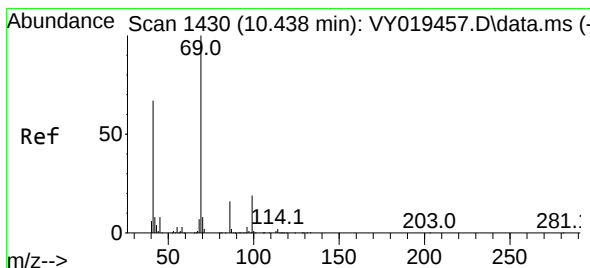
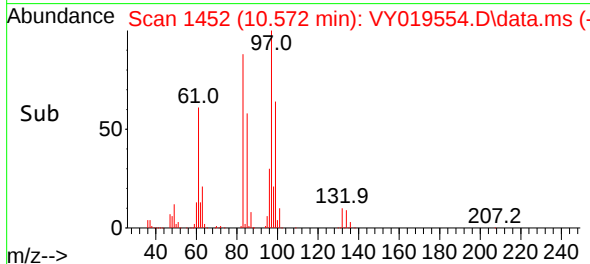
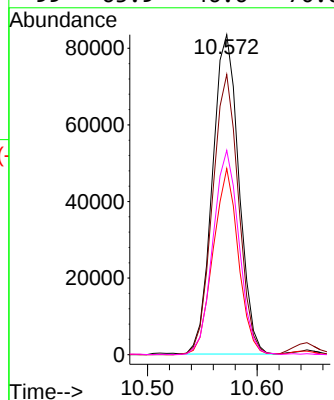
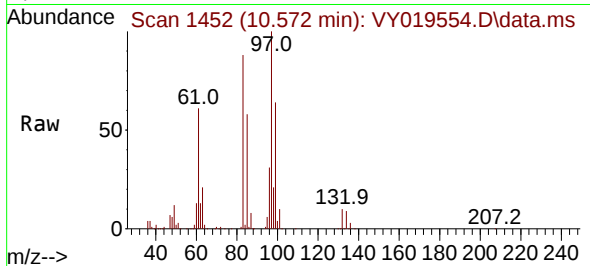


#55
1,1,2-Trichloroethane
Concen: 49.925 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 139629

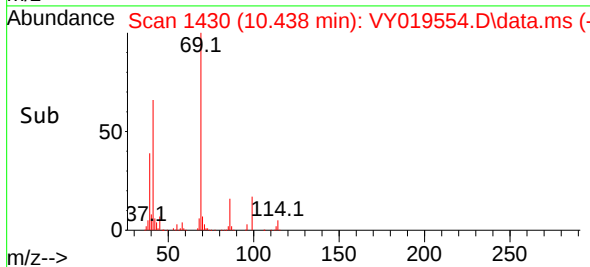
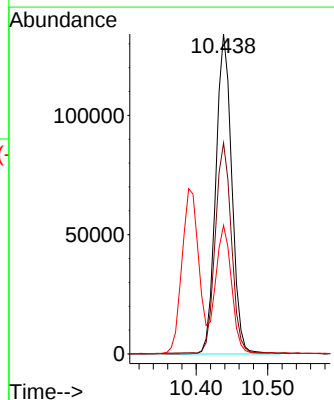
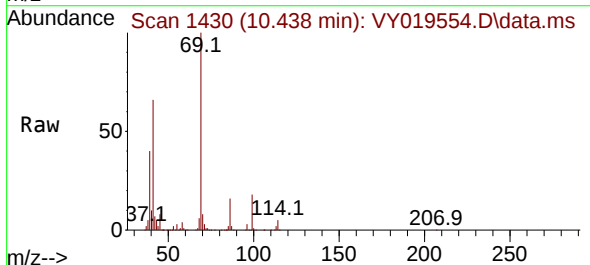
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.5	101.3
85	58.2	42.9	64.3
99	63.9	46.6	70.0

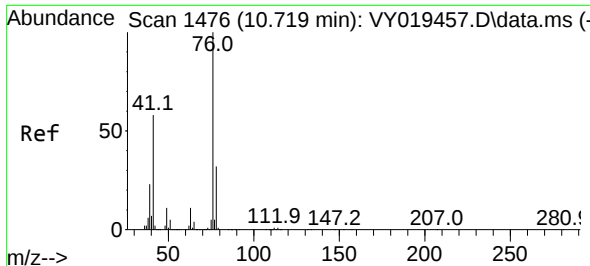


#56
Ethyl methacrylate
Concen: 48.974 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 69 Resp: 208067

Ion	Ratio	Lower	Upper
69	100		
41	66.9	42.3	63.5#
39	39.8	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 49.821 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

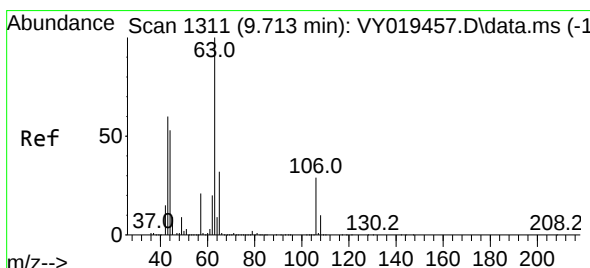
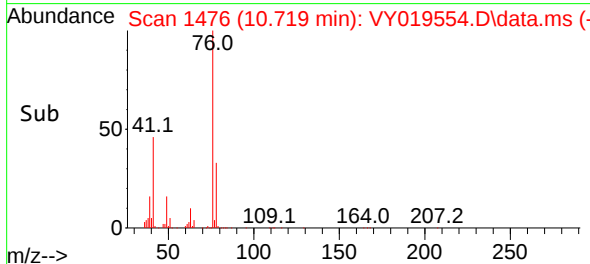
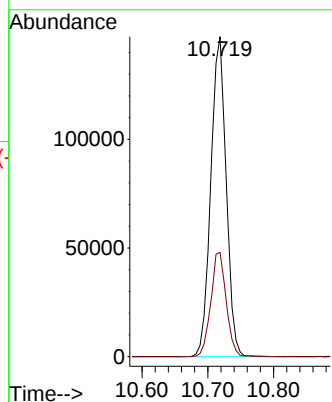
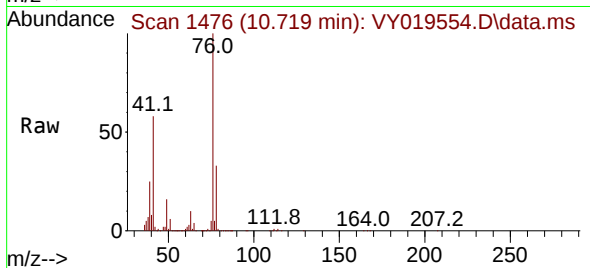
VSTDCCC050EC

Tgt Ion: 76 Resp: 239513

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 271.237 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019554.D

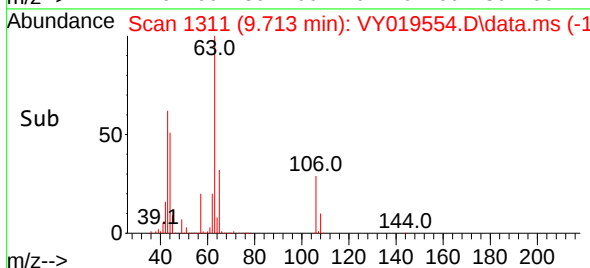
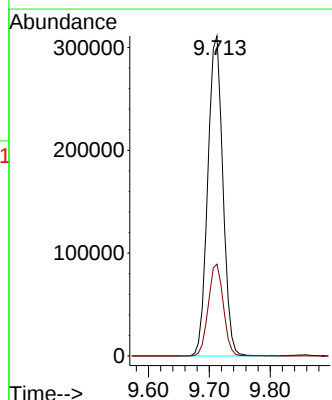
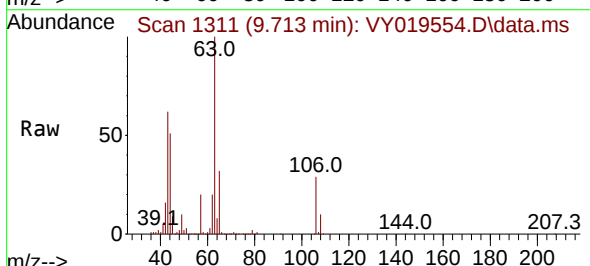
Acq: 13 Sep 2024 21:02

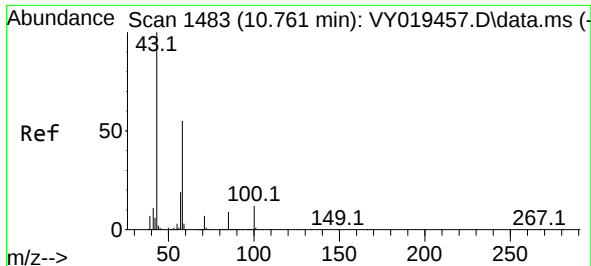
Tgt Ion: 63 Resp: 534841

Ion Ratio Lower Upper

63 100

106 28.6 23.7 35.5





#59

2-Hexanone

Concen: 231.314 ug/l

RT: 10.761 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

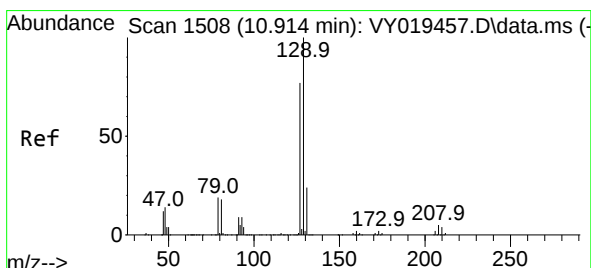
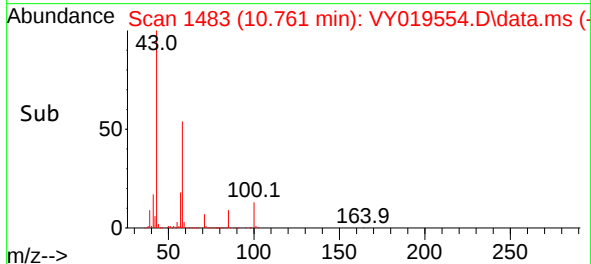
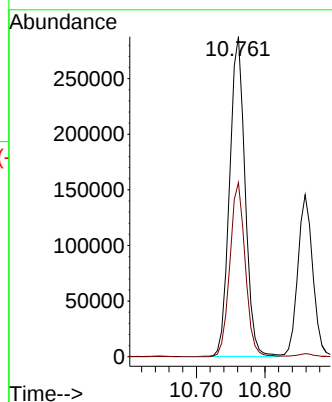
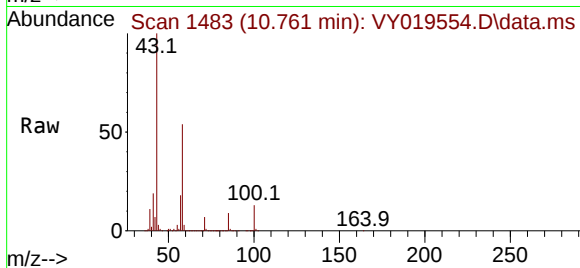
VSTDCCC050EC

Tgt Ion: 43 Resp: 451698

Ion Ratio Lower Upper

43 100

58 54.0 31.4 94.0



#60

Dibromochloromethane

Concen: 49.867 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019554.D

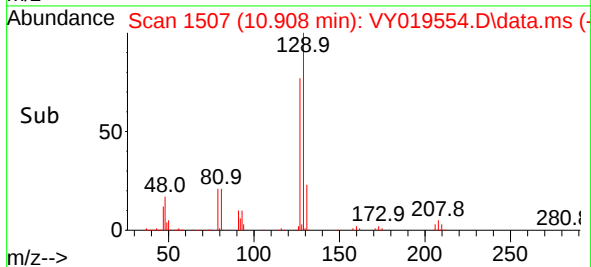
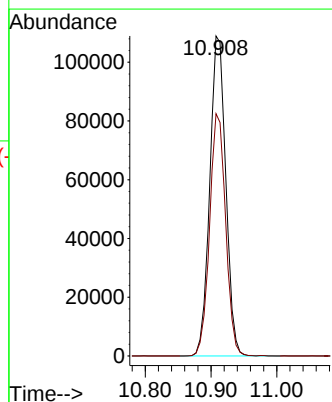
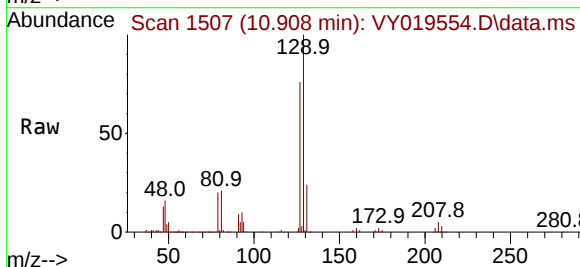
Acq: 13 Sep 2024 21:02

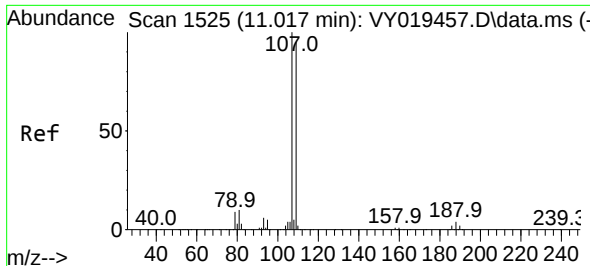
Tgt Ion:129 Resp: 184492

Ion Ratio Lower Upper

129 100

127 75.8 39.0 117.0

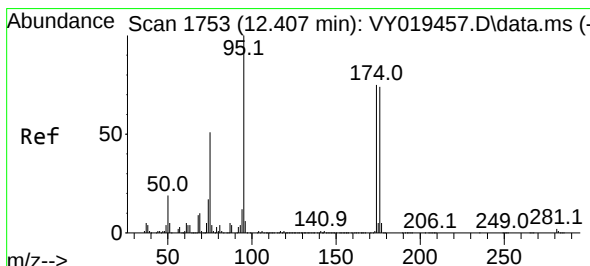
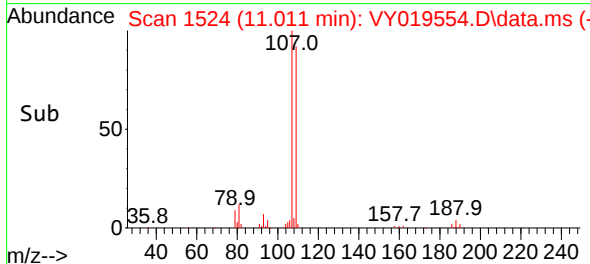
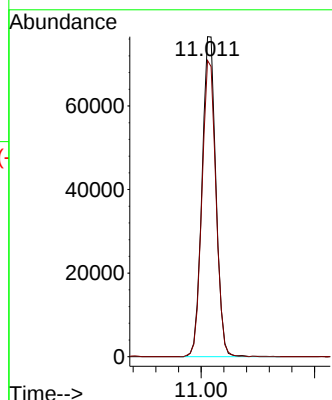
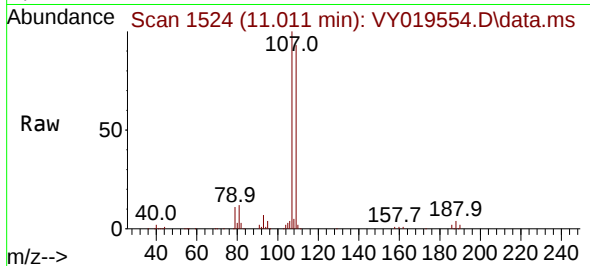




#61
1,2-Dibromoethane
Concen: 49.784 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

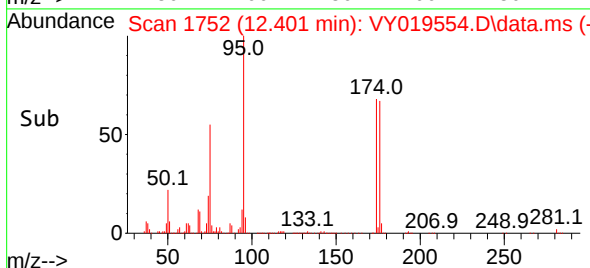
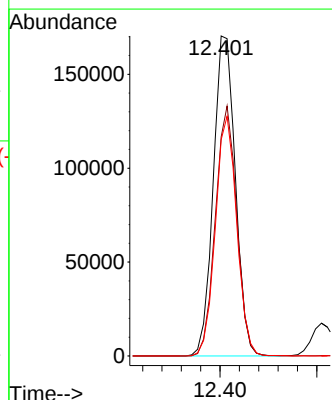
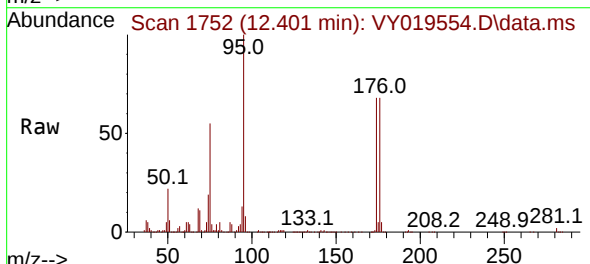
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 129732
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.521 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 95 Resp: 269991
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 72.3 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: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

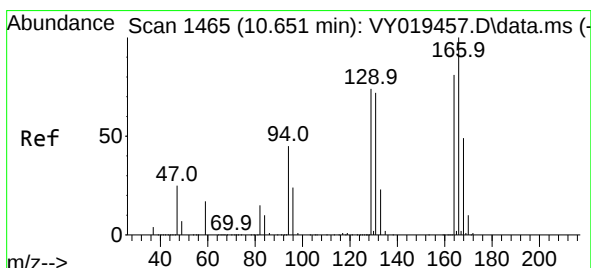
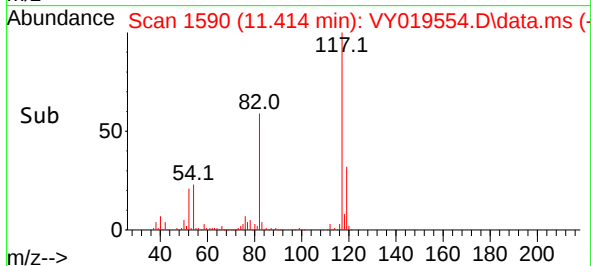
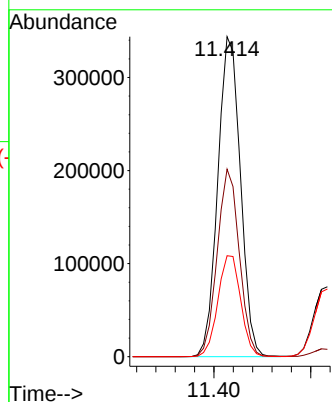
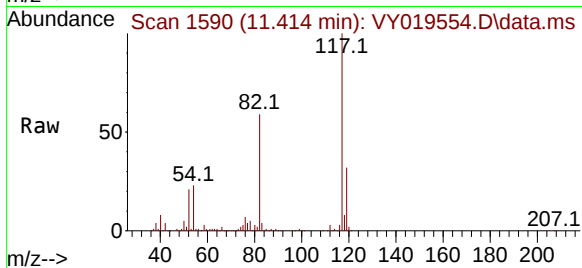
Tgt Ion:117 Resp: 557661

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 50.753 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Tgt Ion:164 Resp: 175266

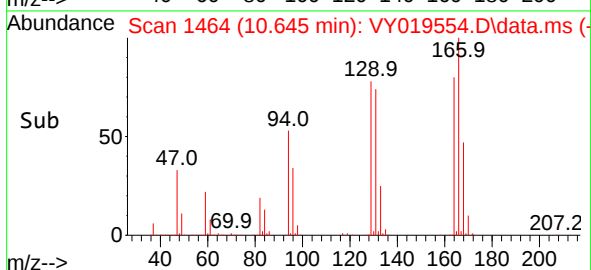
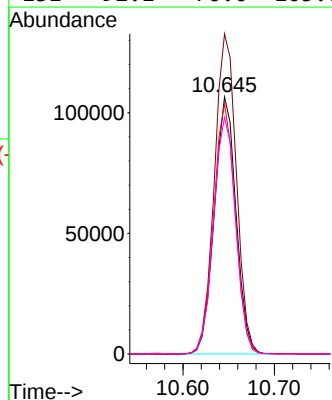
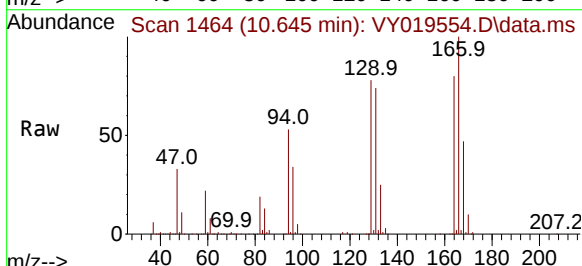
Ion Ratio Lower Upper

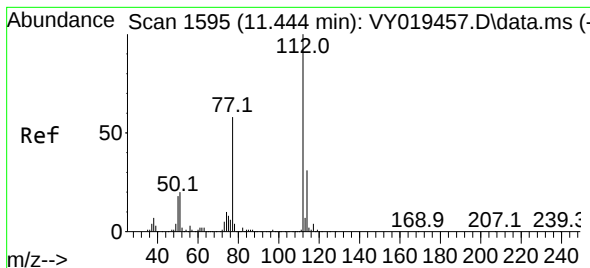
164 100

166 124.5 102.6 154.0

129 97.3 72.0 108.0

131 92.1 70.0 105.0





#65

Chlorobenzene

Concen: 47.905 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

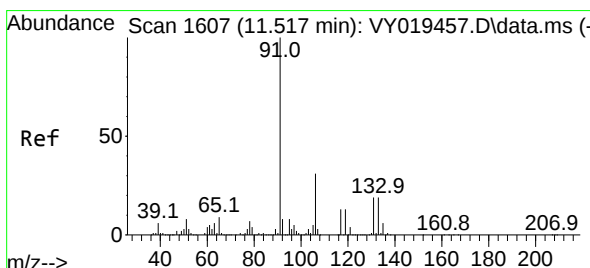
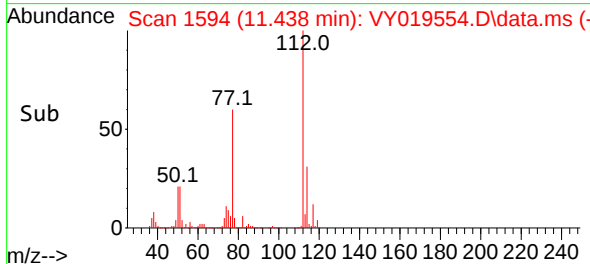
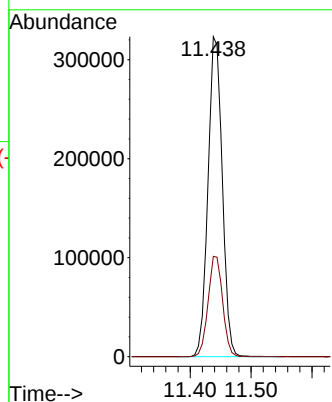
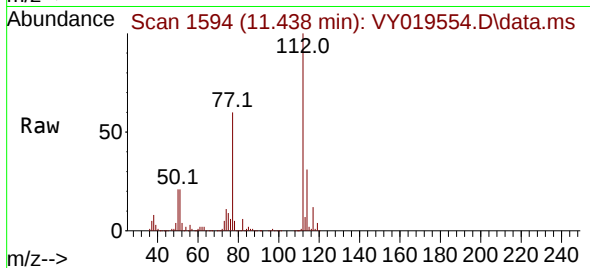
VSTDCCC050EC

Tgt Ion:112 Resp: 525500

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.811 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

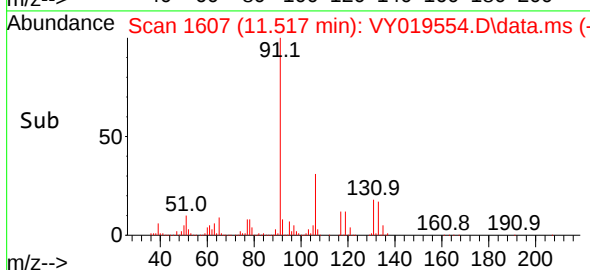
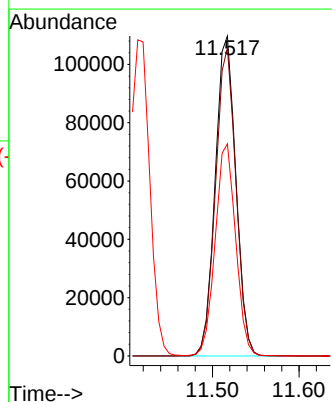
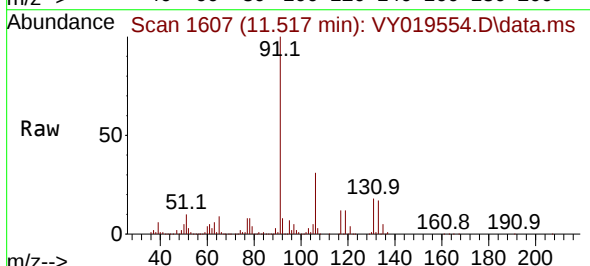
Tgt Ion:131 Resp: 181589

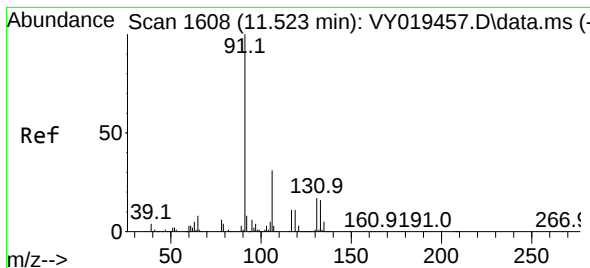
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 48.489 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

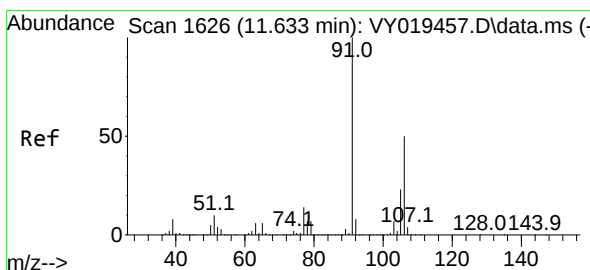
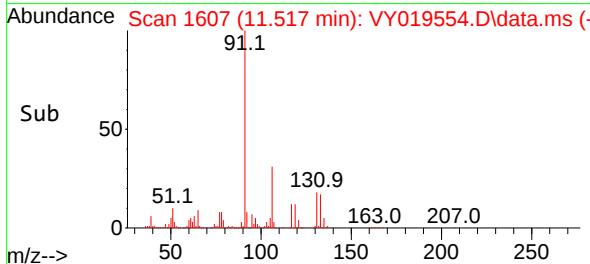
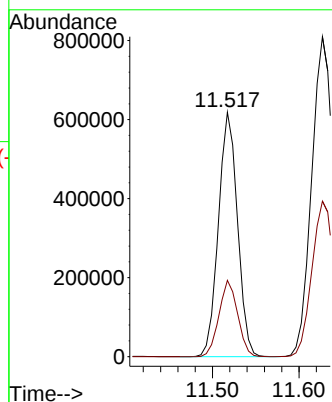
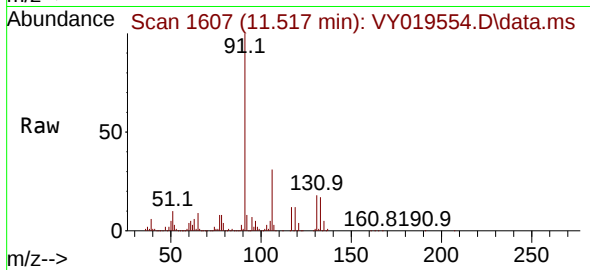
VSTDCCC050EC

Tgt Ion: 91 Resp: 945093

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 95.807 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019554.D

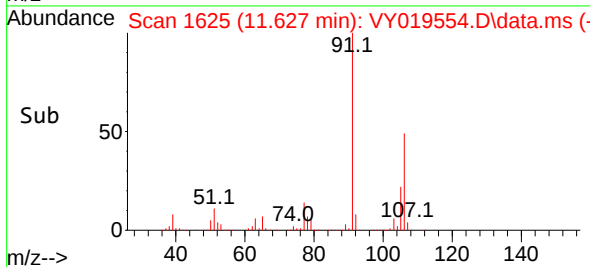
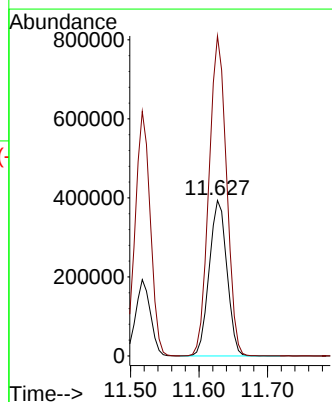
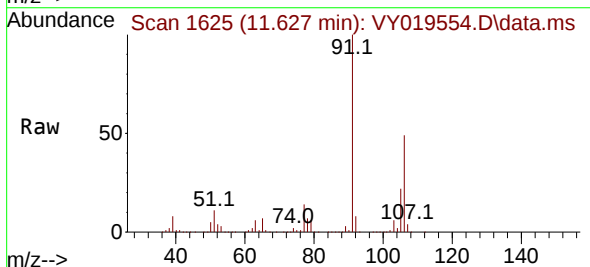
Acq: 13 Sep 2024 21:02

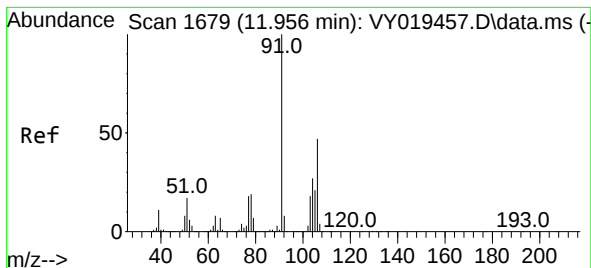
Tgt Ion:106 Resp: 706097

Ion Ratio Lower Upper

106 100

91 204.3 156.0 234.0

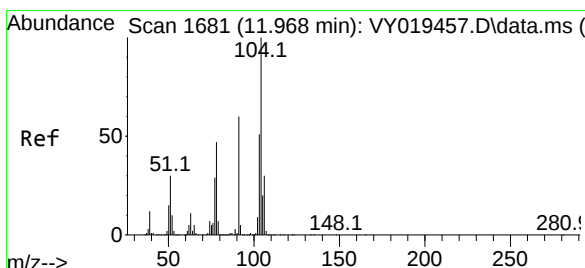
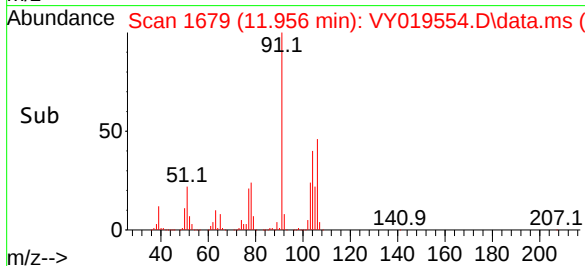
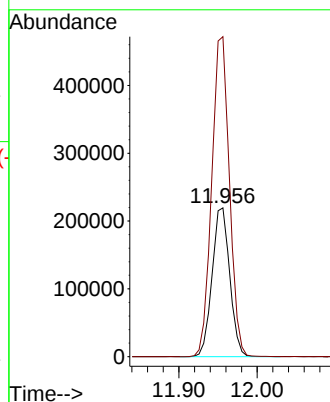
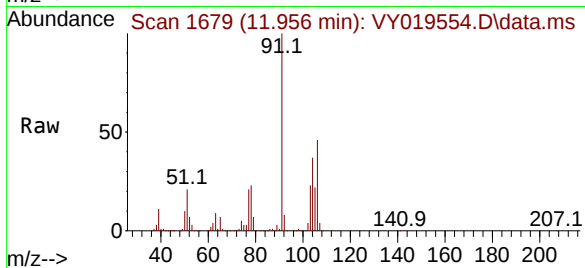




#69
o-Xylene
Concen: 47.585 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

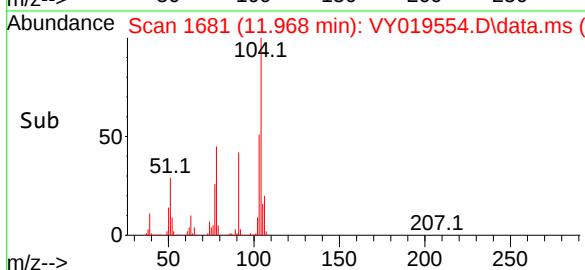
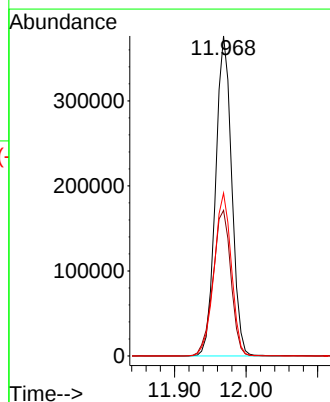
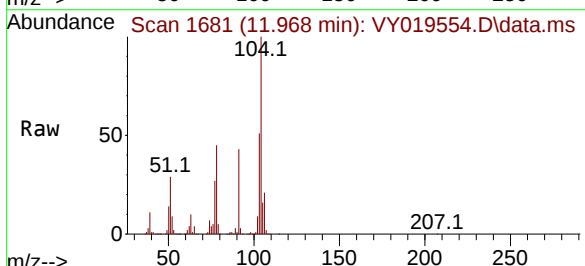
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

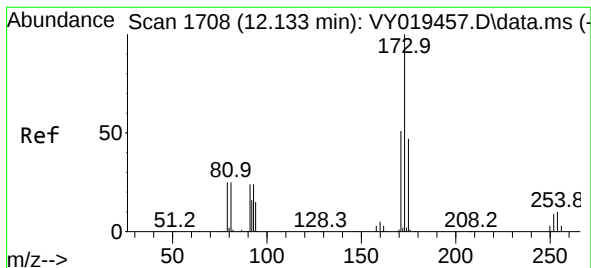
Tgt Ion:106 Resp: 342977
Ion Ratio Lower Upper
106 100
91 215.9 103.6 310.8



#70
Styrene
Concen: 48.422 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion:104 Resp: 589252
Ion Ratio Lower Upper
104 100
78 50.6 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 47.330 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

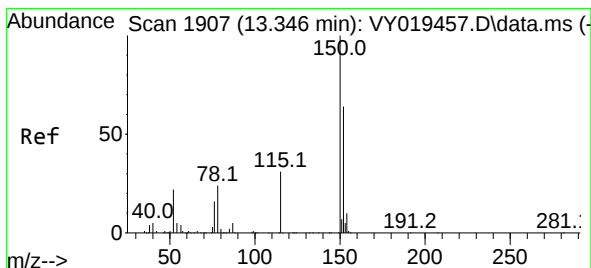
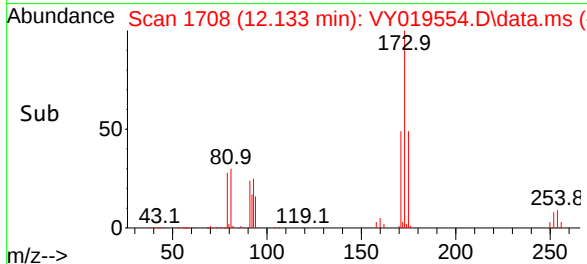
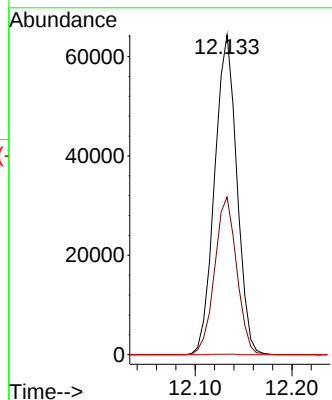
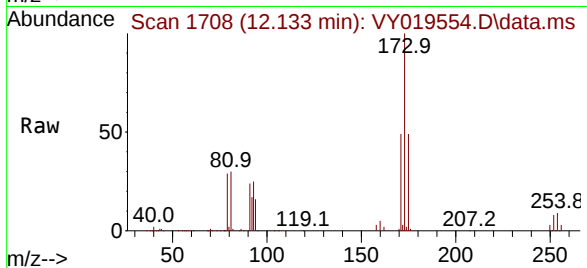
Tgt Ion:173 Resp: 102674

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.2 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: VY019554.D

Acq: 13 Sep 2024 21:02

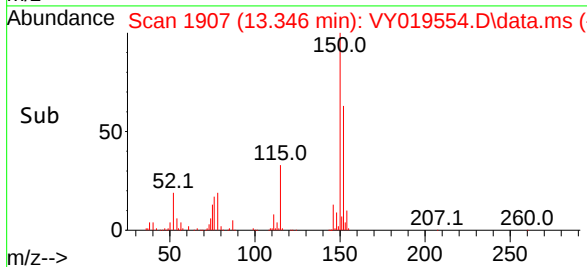
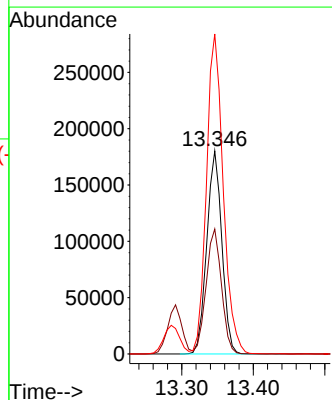
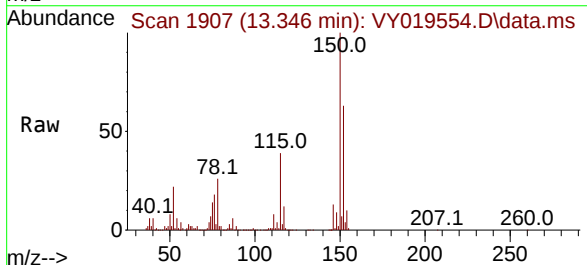
Tgt Ion:152 Resp: 264328

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 174.9 0.0 345.6





#73

Isopropylbenzene

Concen: 47.442 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

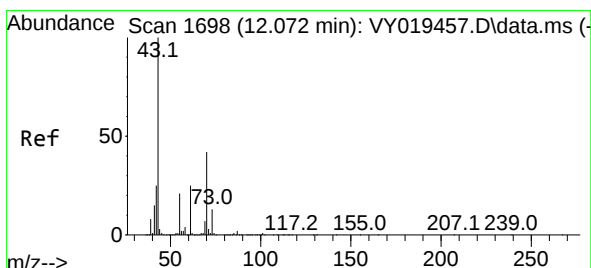
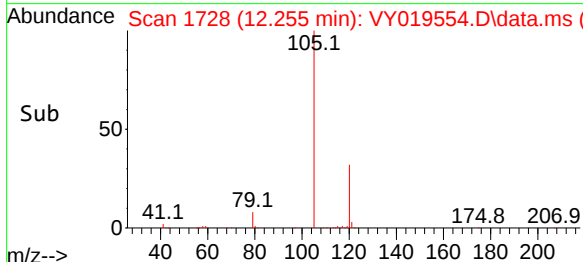
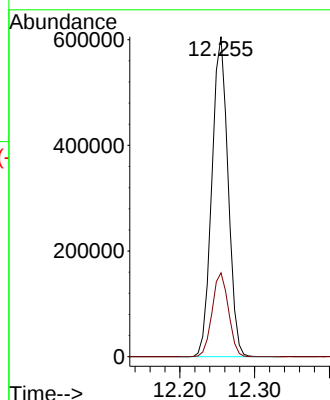
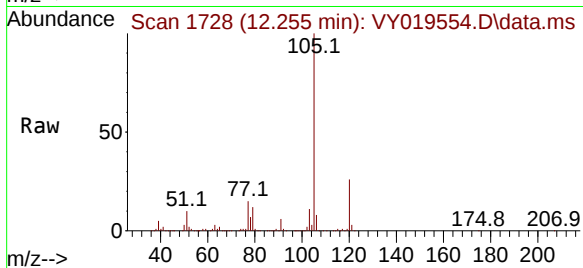
VSTDCCC050EC

Tgt Ion:105 Resp: 909753

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 47.261 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Tgt Ion: 43 Resp: 246479

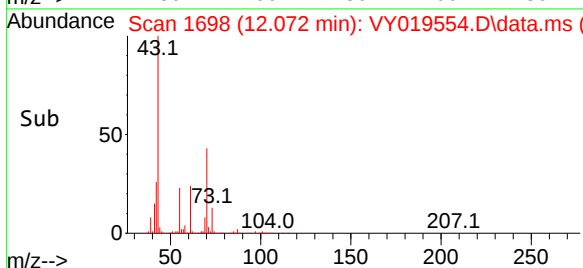
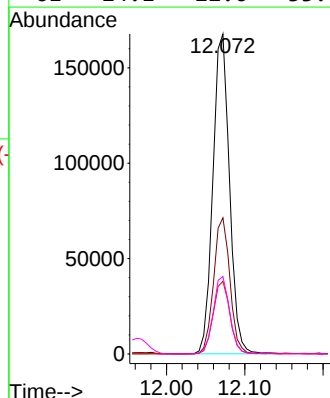
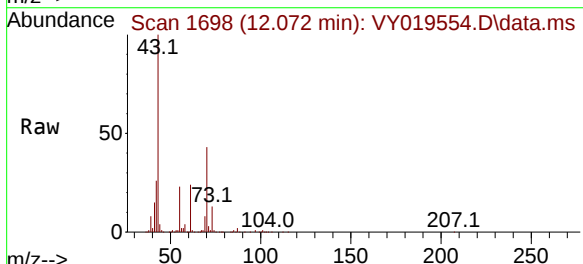
Ion Ratio Lower Upper

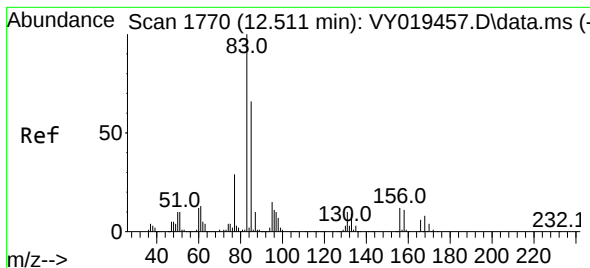
43 100

70 41.9 41.4 62.2

55 22.6 23.3 34.9#

61 24.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.712 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

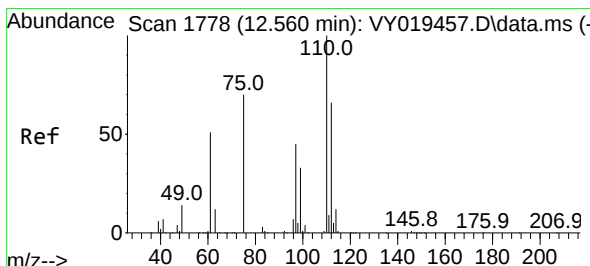
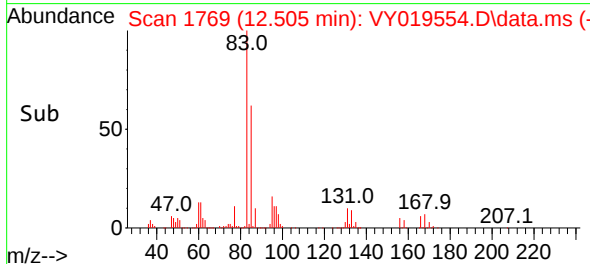
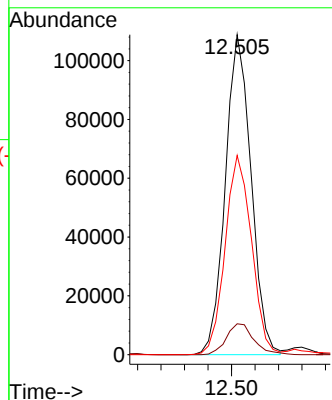
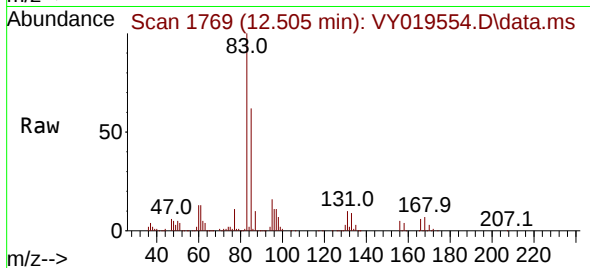
Tgt Ion: 83 Resp: 165800

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.264 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019554.D

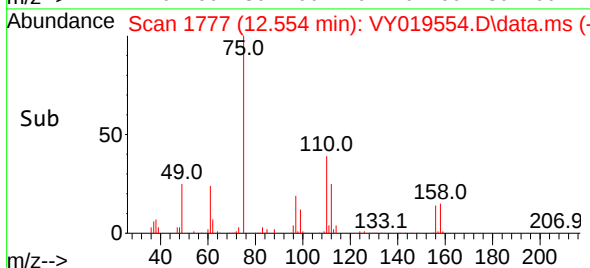
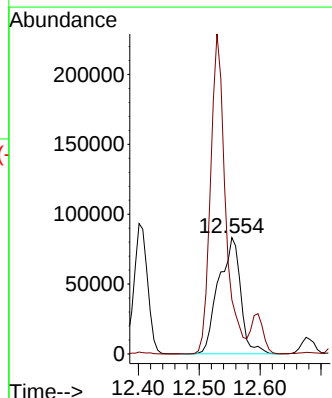
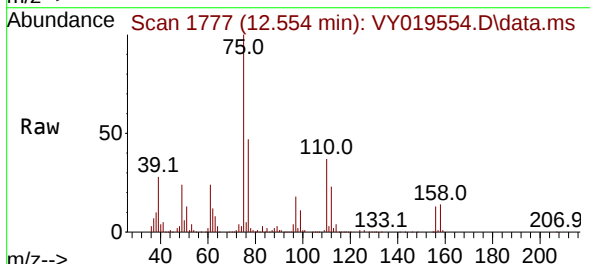
Acq: 13 Sep 2024 21:02

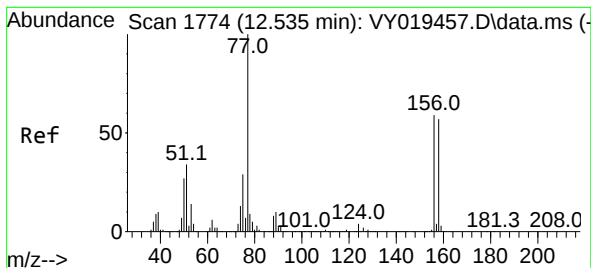
Tgt Ion: 75 Resp: 208766

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.122 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

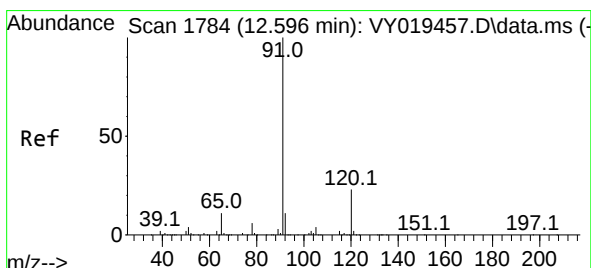
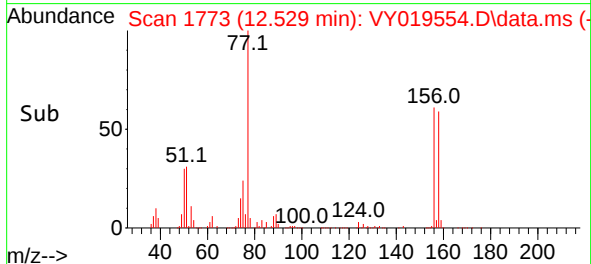
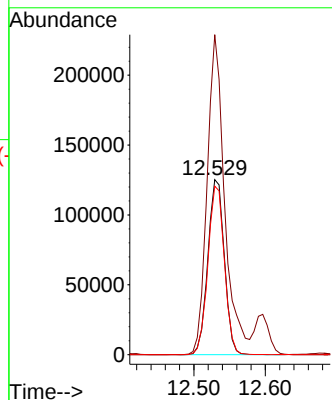
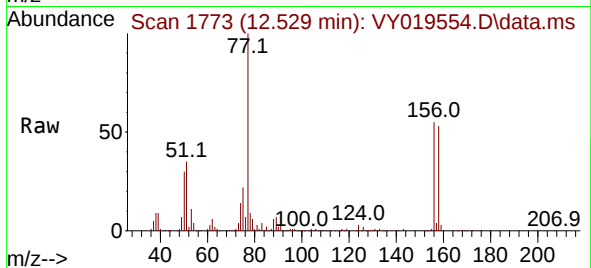
Tgt Ion:156 Resp: 200410

Ion Ratio Lower Upper

156 100

77 195.0 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 47.281 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019554.D

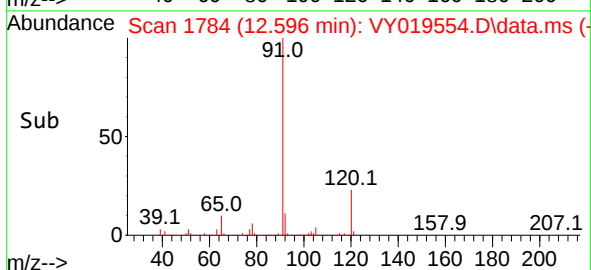
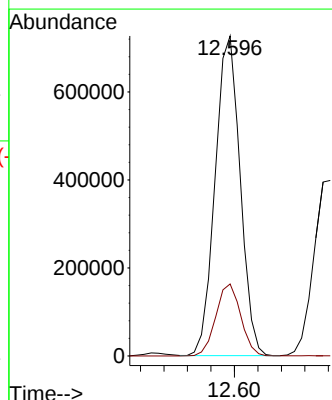
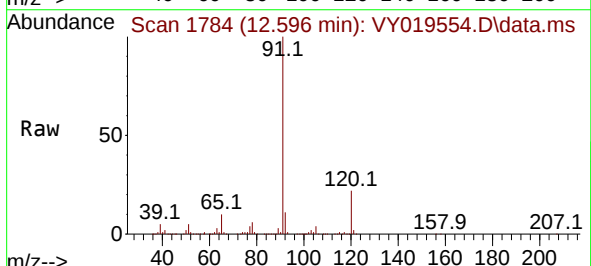
Acq: 13 Sep 2024 21:02

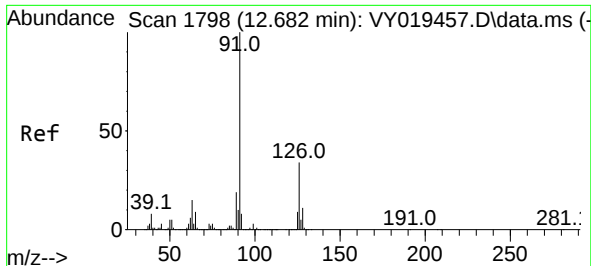
Tgt Ion: 91 Resp: 1074652

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.287 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

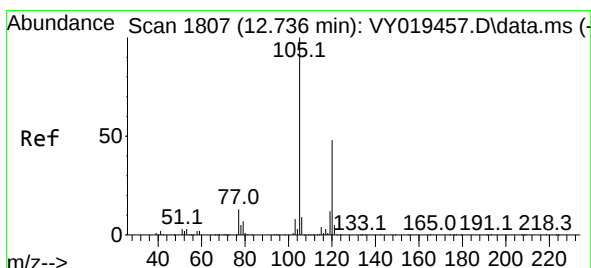
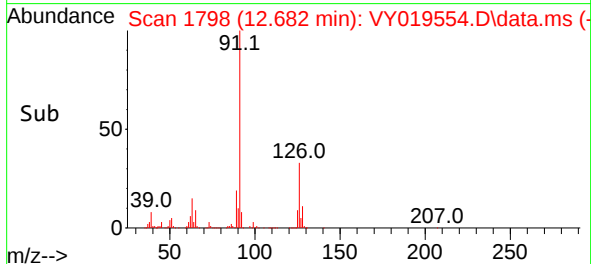
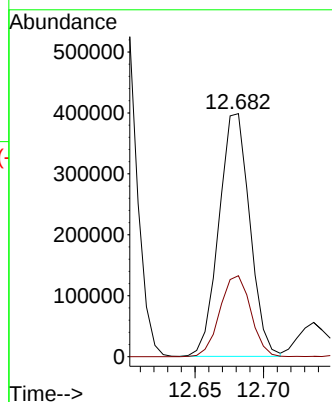
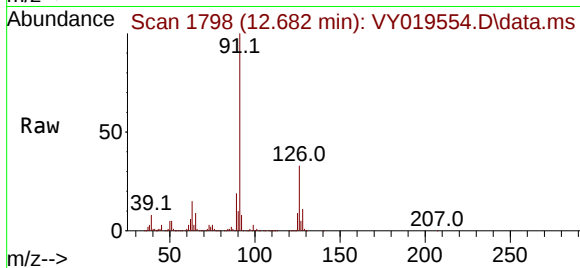
VSTDCCC050EC

Tgt Ion: 91 Resp: 626361

Ion Ratio Lower Upper

91 100

126 33.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 47.230 ug/l

RT: 12.736 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019554.D

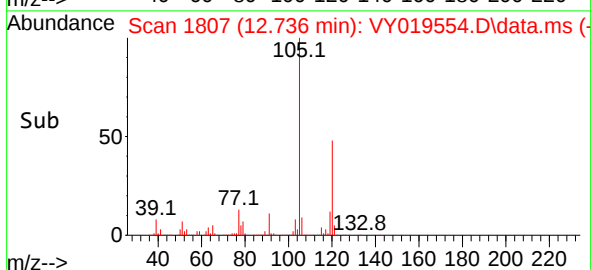
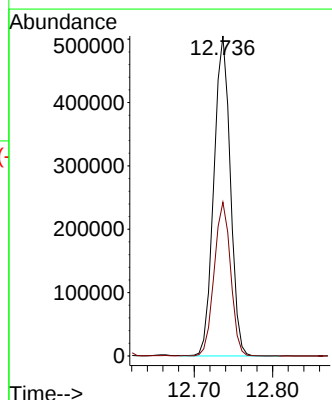
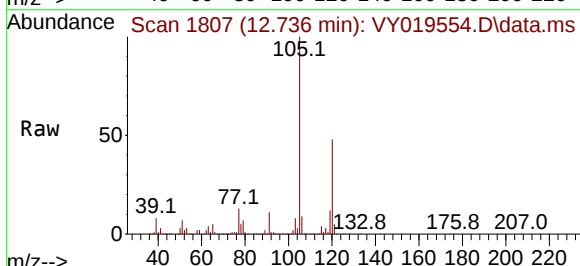
Acq: 13 Sep 2024 21:02

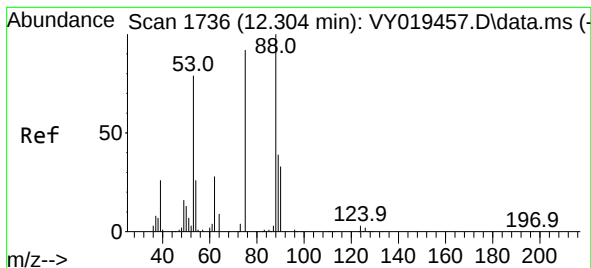
Tgt Ion: 105 Resp: 736295

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2

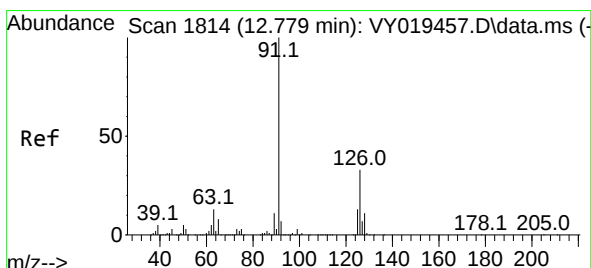
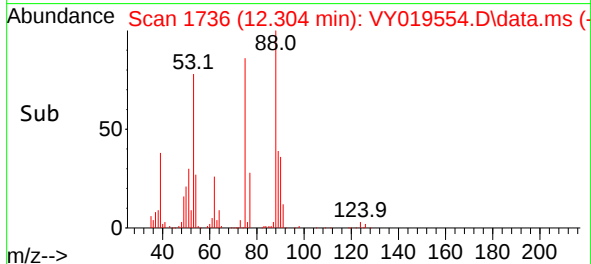
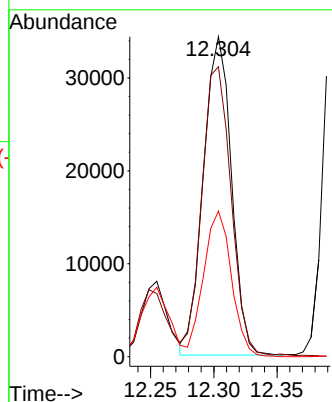
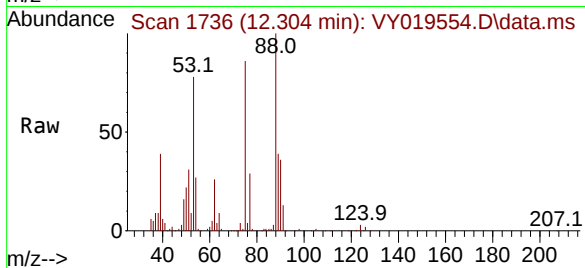




#81
trans-1,4-Dichloro-2-butene
Concen: 40.983 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

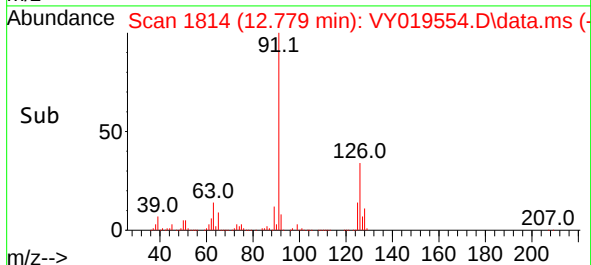
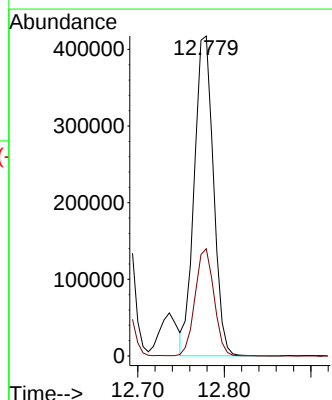
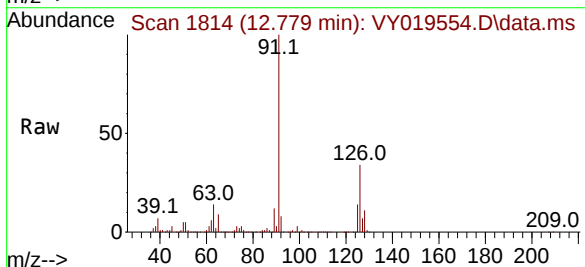
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 52891
Ion Ratio Lower Upper
75 100
53 95.4 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.090 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion: 91 Resp: 641255
Ion Ratio Lower Upper
91 100
126 33.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.442 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

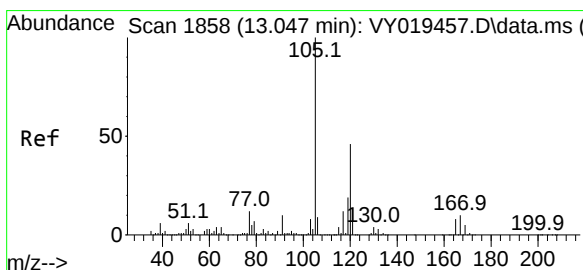
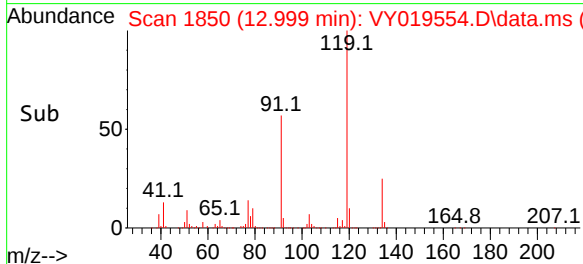
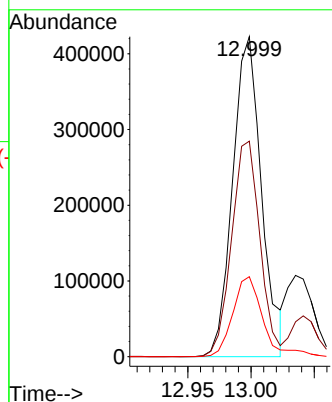
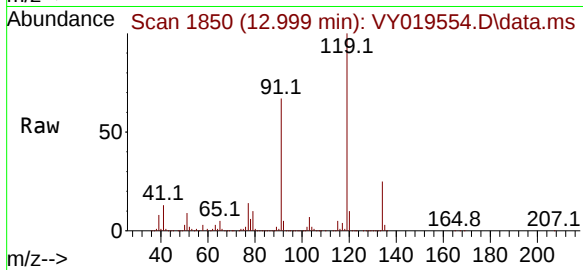
Tgt Ion:119 Resp: 669549

Ion Ratio Lower Upper

119 100

91 66.3 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.335 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019554.D

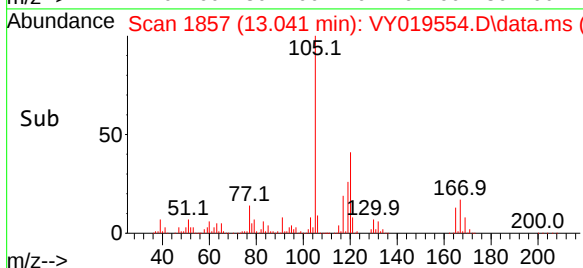
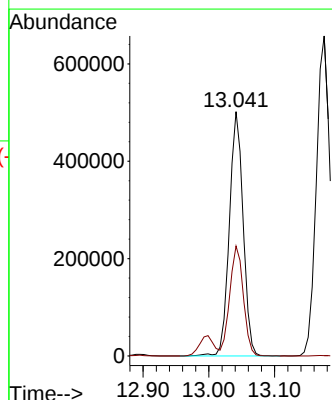
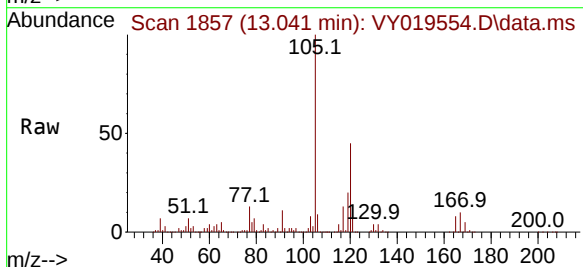
Acq: 13 Sep 2024 21:02

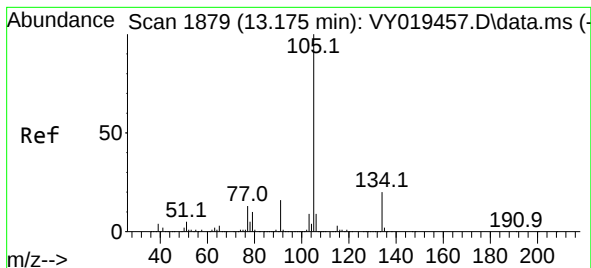
Tgt Ion:105 Resp: 730449

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.643 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

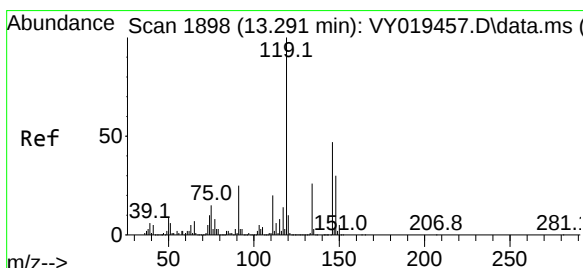
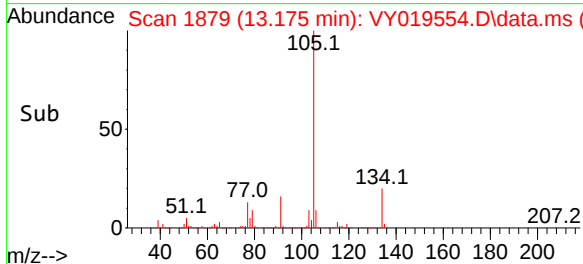
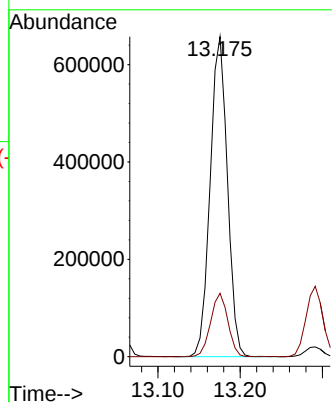
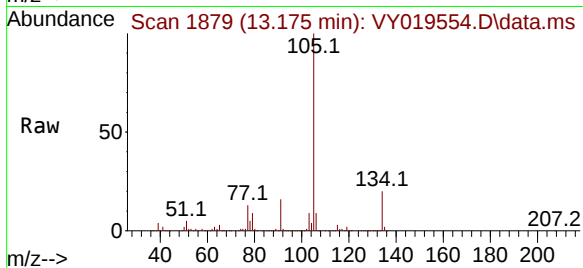
VSTDCCC050EC

Tgt Ion:105 Resp: 956285

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 46.865 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

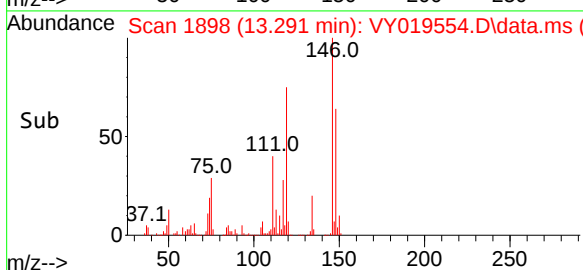
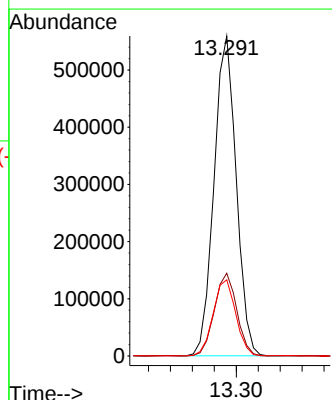
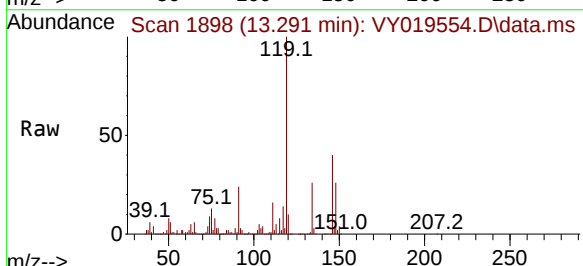
Tgt Ion:119 Resp: 786131

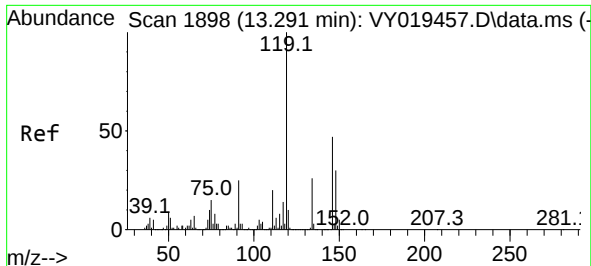
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.399 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

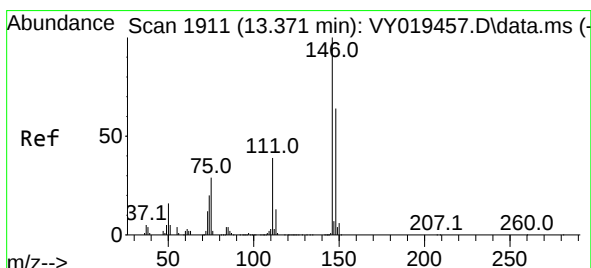
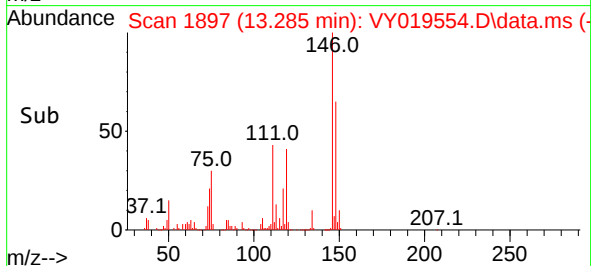
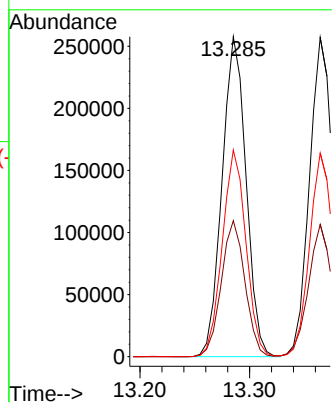
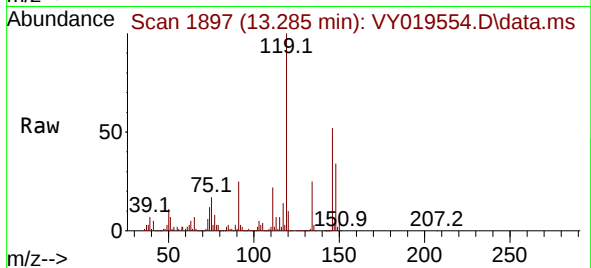
Tgt Ion:146 Resp: 391714

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.028 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

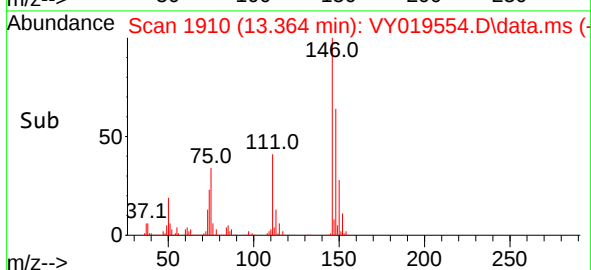
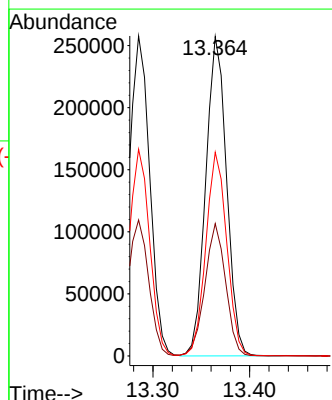
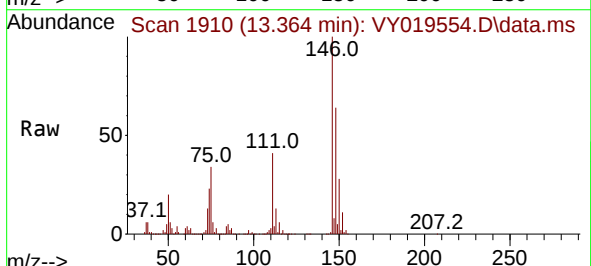
Tgt Ion:146 Resp: 385700

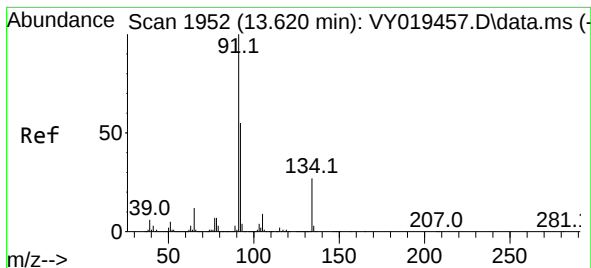
Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 45.882 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

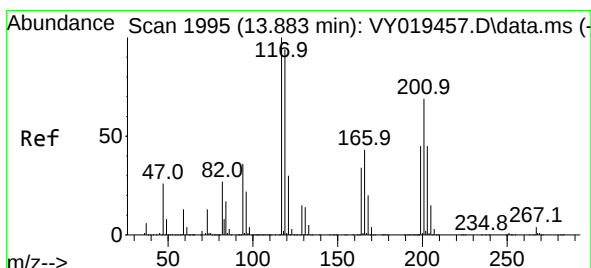
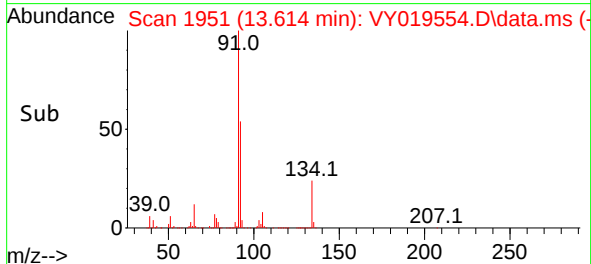
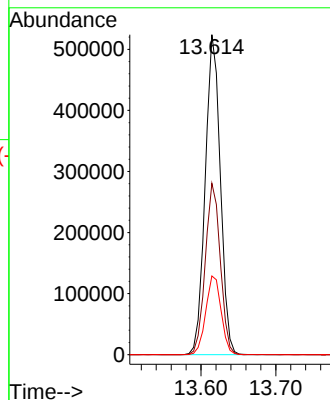
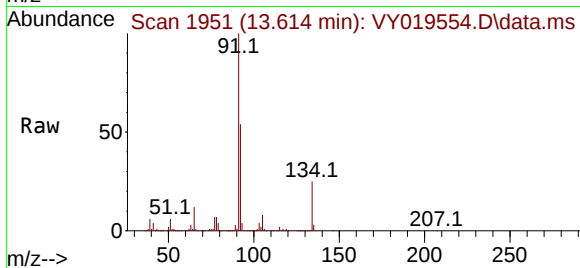
Tgt Ion: 91 Resp: 735773

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 46.666 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019554.D

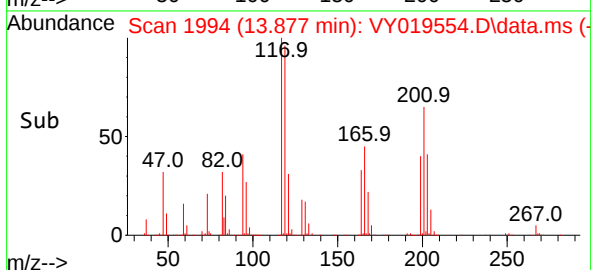
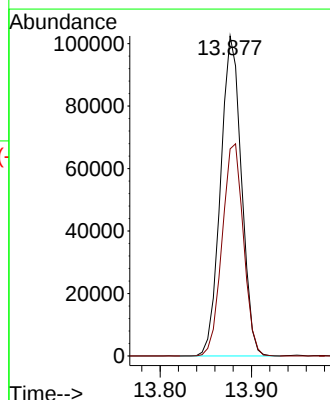
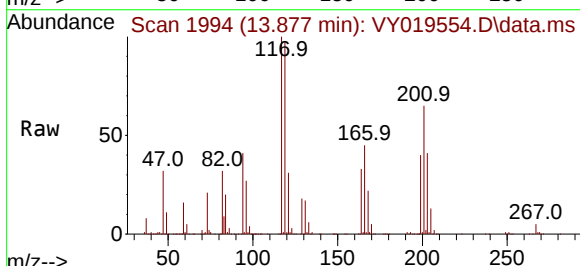
Acq: 13 Sep 2024 21:02

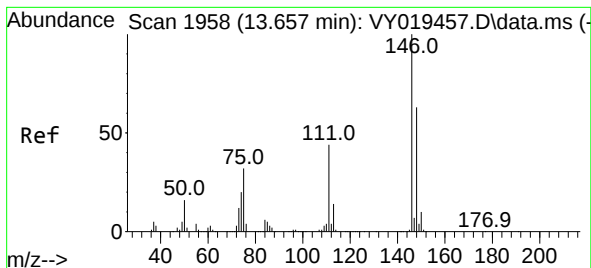
Tgt Ion: 117 Resp: 162875

Ion Ratio Lower Upper

117 100

201 67.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.487 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

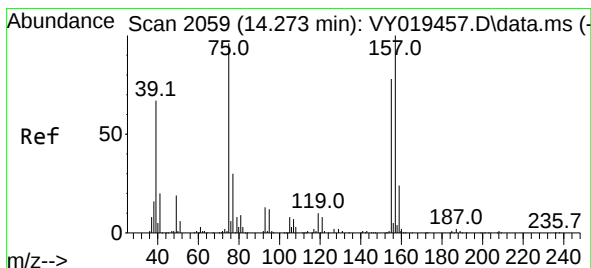
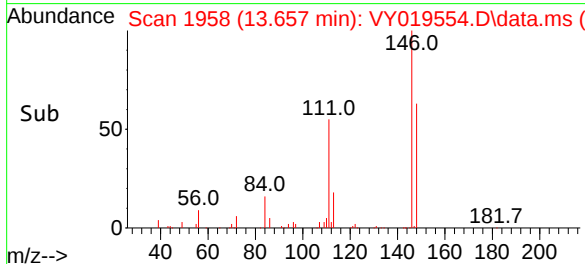
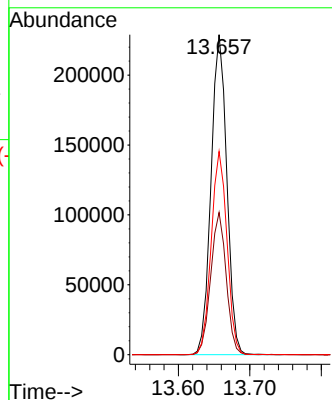
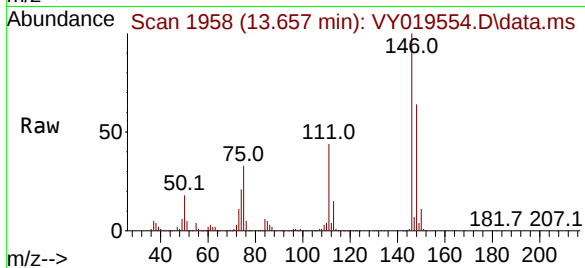
Tgt Ion:146 Resp: 350200

Ion Ratio Lower Upper

146 100

111 43.8 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.872 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

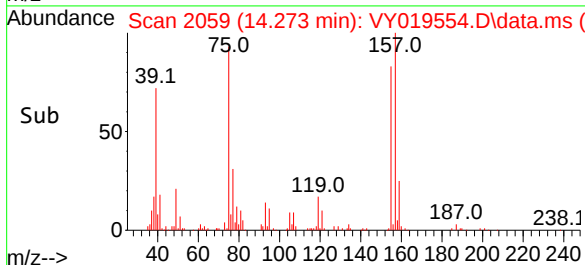
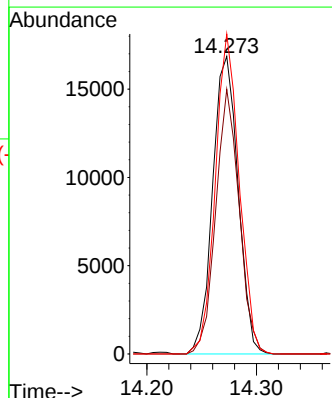
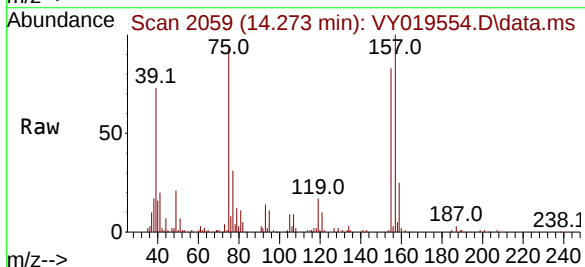
Tgt Ion: 75 Resp: 27156

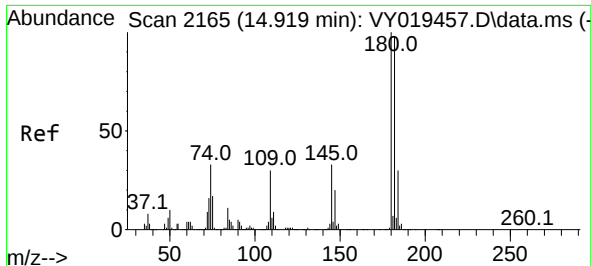
Ion Ratio Lower Upper

75 100

155 81.9 48.6 145.8

157 101.2 62.7 188.2

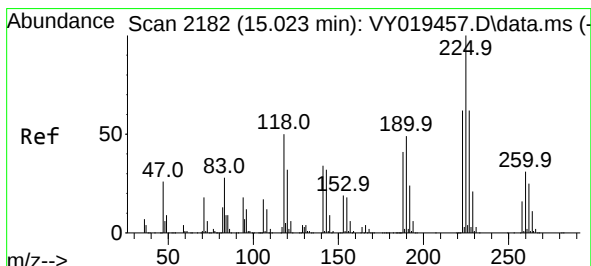
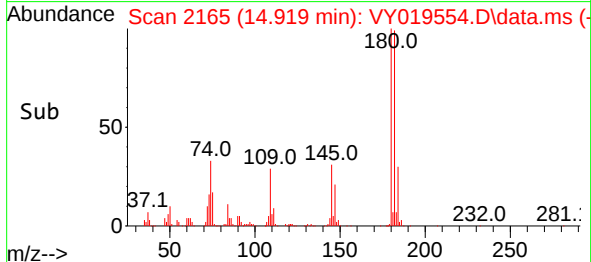
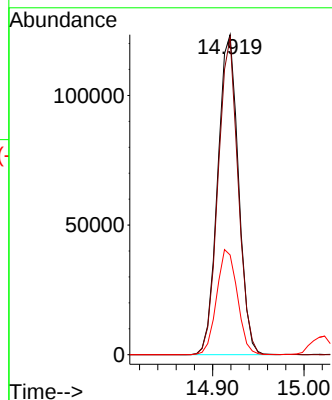
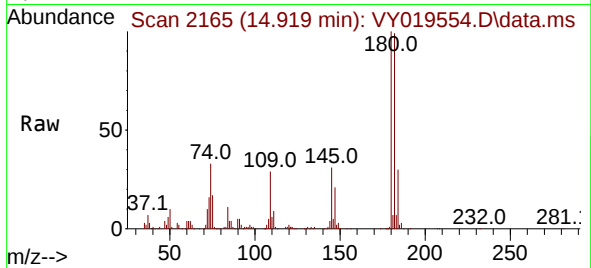




#93
1,2,4-Trichlorobenzene
Concen: 43.359 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

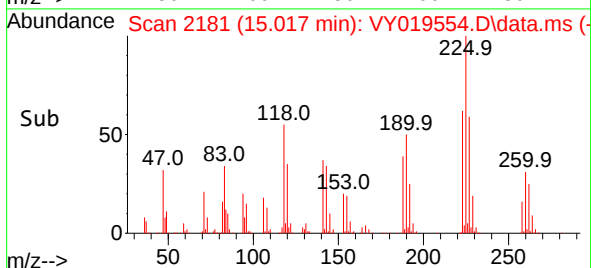
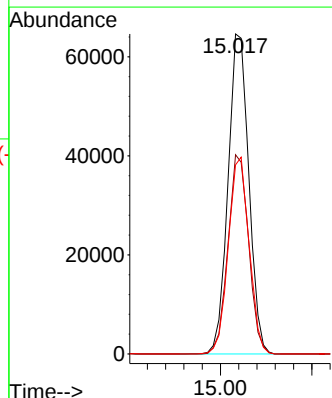
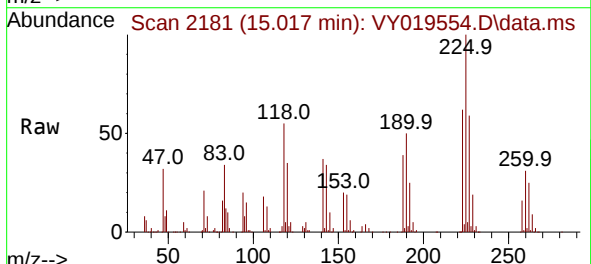
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 194477
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 32.8 14.2 42.6



#94
Hexachlorobutadiene
Concen: 42.515 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY019554.D
Acq: 13 Sep 2024 21:02

Tgt Ion:225 Resp: 101872
Ion Ratio Lower Upper
225 100
223 62.0 30.4 91.2
227 61.5 31.9 95.9





#95

Naphthalene

Concen: 46.501 ug/l

RT: 15.138 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

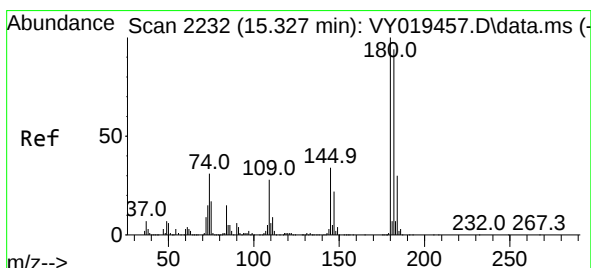
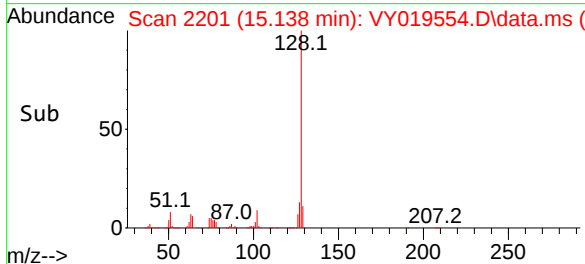
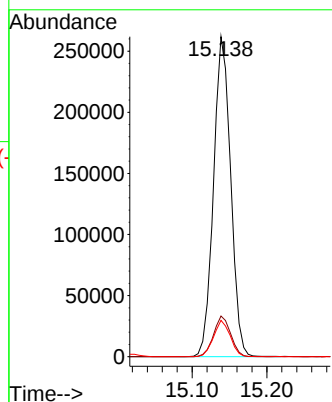
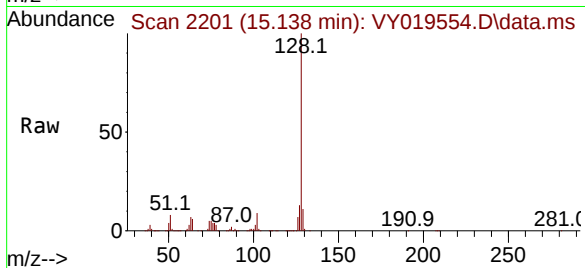
Tgt Ion:128 Resp: 417678

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.499 ug/l

RT: 15.321 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019554.D

Acq: 13 Sep 2024 21:02

Tgt Ion:180 Resp: 170723

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 34.8 15.4 46.1

