

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019532.D
 Acq On : 13 Sep 2024 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 23:28:30 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	462464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	778339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	664736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	310597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	229374	53.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.120%	
35) Dibromofluoromethane	7.634	113	235006	53.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.109	98	870778	53.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.408	95	307751	49.034	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	121319	47.818	ug/l	100
3) Chloromethane	2.074	50	188461	49.255	ug/l	97
4) Vinyl Chloride	2.208	62	223661	54.058	ug/l	100
5) Bromomethane	2.598	94	157733	62.066	ug/l	96
6) Chloroethane	2.739	64	157073	58.074	ug/l	100
7) Trichlorofluoromethane	3.056	101	378763	54.918	ug/l	99
8) Diethyl Ether	3.452	74	120250	51.942	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.812	101	225504	52.855	ug/l	96
10) Methyl Iodide	4.001	142	272229	49.768	ug/l	93
11) Tert butyl alcohol	4.860	59	84135	243.284	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	214113	52.184	ug/l	88
13) Acrolein	3.653	56	35815	213.000	ug/l	96
14) Allyl chloride	4.379	41	372360	50.606	ug/l	# 93
15) Acrylonitrile	5.055	53	250450	250.897	ug/l	98
16) Acetone	3.867	43	269841	264.498	ug/l	# 87
17) Carbon Disulfide	4.104	76	586237	52.882	ug/l	97
18) Methyl Acetate	4.385	43	122186	44.133	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	600656	51.688	ug/l	99
20) Methylene Chloride	4.616	84	246640	53.011	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	241754	53.755	ug/l	94
22) Diisopropyl ether	6.013	45	786477	52.051	ug/l	93
23) Vinyl Acetate	5.952	43	2269078	262.911	ug/l	94
24) 1,1-Dichloroethane	5.909	63	452895	53.415	ug/l	98
25) 2-Butanone	6.890	43	358705	247.216	ug/l	# 87
26) 2,2-Dichloropropane	6.878	77	421289	55.084	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	298596	54.658	ug/l	90
28) Bromochloromethane	7.238	49	192990	54.097	ug/l	87
29) Tetrahydrofuran	7.262	42	212190	240.519	ug/l	87
30) Chloroform	7.415	83	474329	54.801	ug/l	98
31) Cyclohexane	7.701	56	373621	48.751	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	430570	55.499	ug/l	97
36) 1,1-Dichloropropene	7.835	75	329363	54.849	ug/l	97
37) Ethyl Acetate	6.976	43	155487	50.536	ug/l	96
38) Carbon Tetrachloride	7.817	117	371176	54.814	ug/l	98
39) Methylcyclohexane	9.110	83	423174	52.955	ug/l	91
40) Benzene	8.079	78	1004229	54.296	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	88645	49.426	ug/l #	86
42) 1,2-Dichloroethane	8.152	62	271790	54.611	ug/l	98
43) Isopropyl Acetate	8.195	43	324575	50.213	ug/l	91
44) Trichloroethene	8.866	130	259023	54.455	ug/l	97
45) 1,2-Dichloropropane	9.140	63	240593	53.209	ug/l	99
46) Dibromomethane	9.231	93	133697	54.070	ug/l	96
47) Bromodichloromethane	9.420	83	364959	54.908	ug/l	99
48) Methyl methacrylate	9.219	41	147568	48.343	ug/l	86
49) 1,4-Dioxane	9.231	88	28851	991.147	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	804762	247.468	ug/l	92
52) Toluene	10.170	92	654762	55.044	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	335030	52.877	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	399956	54.211	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	181793	53.239	ug/l	95
56) Ethyl methacrylate	10.439	69	267866	51.641	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	308709	52.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	566261	235.209	ug/l	98
59) 2-Hexanone	10.762	43	586092	245.830	ug/l	90
60) Dibromochloromethane	10.908	129	248175	54.942	ug/l	99
61) 1,2-Dibromoethane	11.018	107	163814	51.488	ug/l	99
64) Tetrachloroethene	10.646	164	222100	53.955	ug/l	95
65) Chlorobenzene	11.444	112	714168	54.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	243548	53.796	ug/l	99
67) Ethyl Benzene	11.518	91	1272315	54.762	ug/l	98
68) m/p-Xylenes	11.627	106	959718	109.244	ug/l	94
69) o-Xylene	11.957	106	463773	53.980	ug/l	95
70) Styrene	11.969	104	787378	54.280	ug/l	97
71) Bromoform	12.133	173	134917	52.176	ug/l #	97
73) Isopropylbenzene	12.255	105	1236700	54.884	ug/l	99
74) N-amyl acetate	12.072	43	304358	49.665	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	207115	51.786	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	269438	92.552	ug/l #	100
77) Bromobenzene	12.530	156	266719	53.371	ug/l	92
78) n-propylbenzene	12.597	91	1469738	55.031	ug/l	100
79) 2-Chlorotoluene	12.682	91	832034	53.457	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	991276	54.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	74700	49.259	ug/l	93
82) 4-Chlorotoluene	12.780	91	866953	54.180	ug/l	96
83) tert-Butylbenzene	12.999	119	910804	54.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	981273	54.116	ug/l	98
85) sec-Butylbenzene	13.176	105	1325364	55.015	ug/l	99
86) p-Isopropyltoluene	13.292	119	1077787	54.681	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	525048	54.069	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	513081	53.240	ug/l	97
89) n-Butylbenzene	13.621	91	1027790	54.545	ug/l	99
90) Hexachloroethane	13.877	117	220212	53.695	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	458964	52.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31237	46.863	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	253759	48.148	ug/l	97
94) Hexachlorobutadiene	15.023	225	140453	49.885	ug/l	99
95) Naphthalene	15.145	128	481886	45.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	211643	46.947	ug/l	98

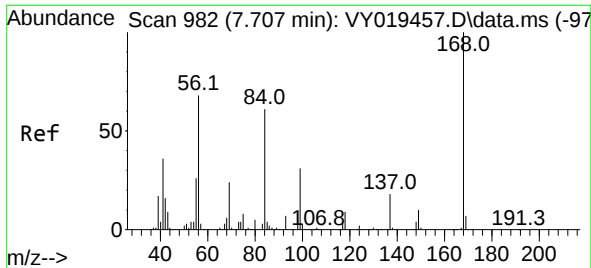
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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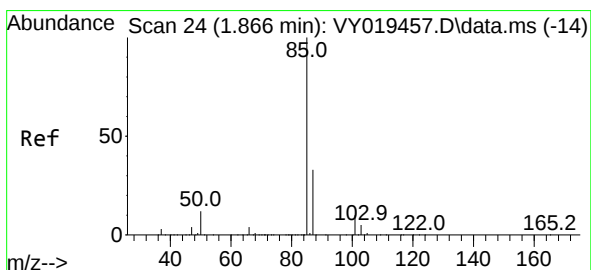
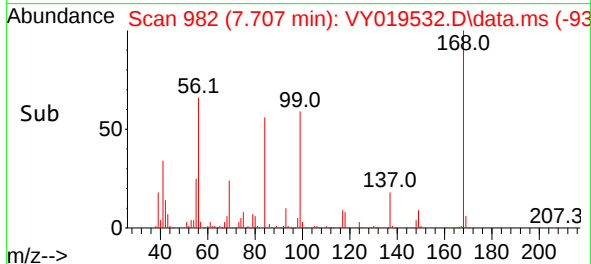
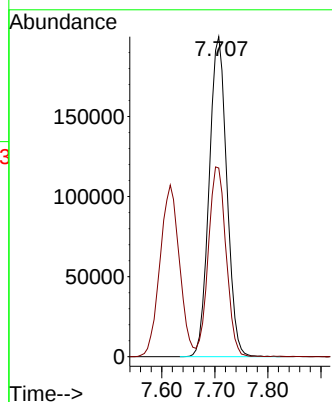
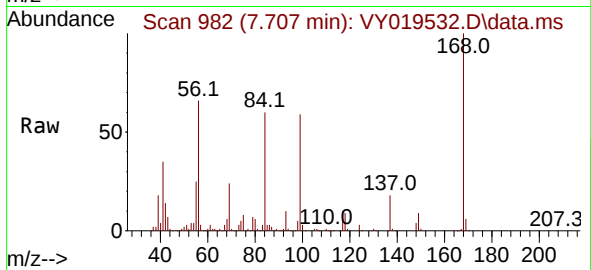
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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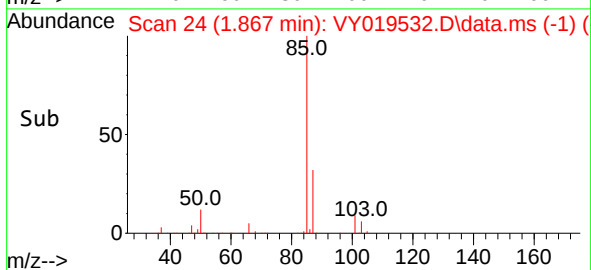
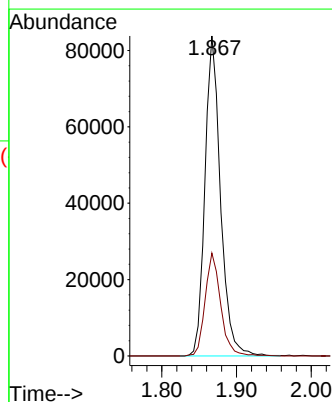
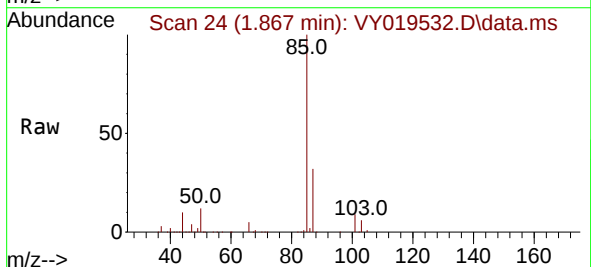
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

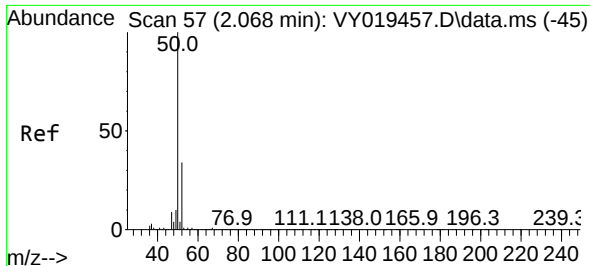
Tgt Ion:168 Resp: 462464
Ion Ratio Lower Upper
168 100
99 58.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 47.818 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 85 Resp: 121319
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

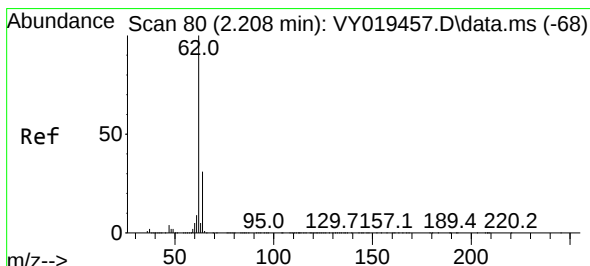
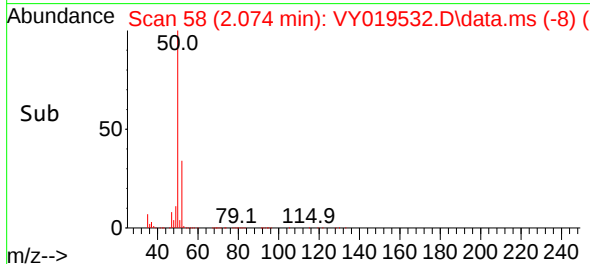
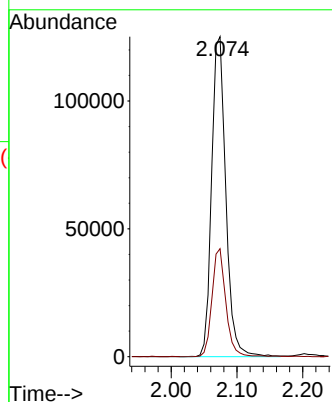
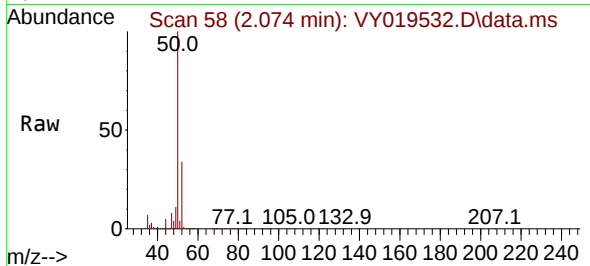




#3
Chloromethane
Concen: 49.255 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

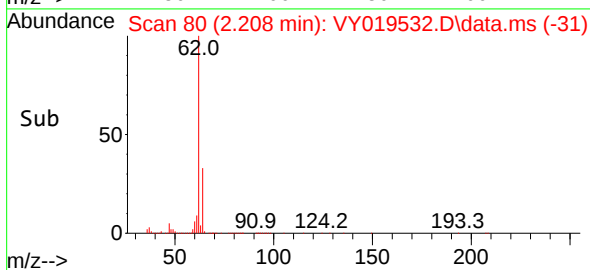
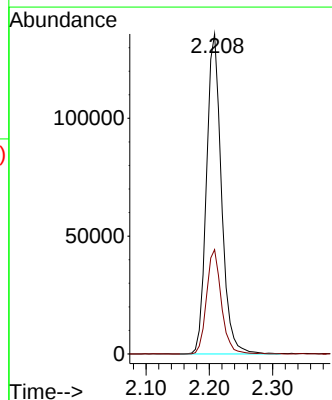
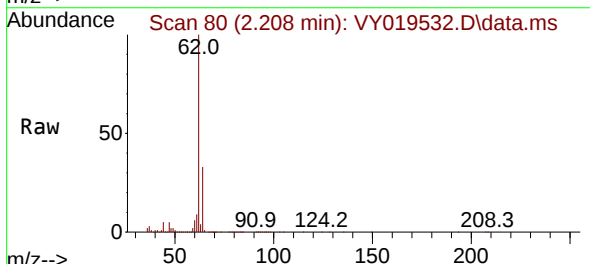
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 188461
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 54.058 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 62 Resp: 223661
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

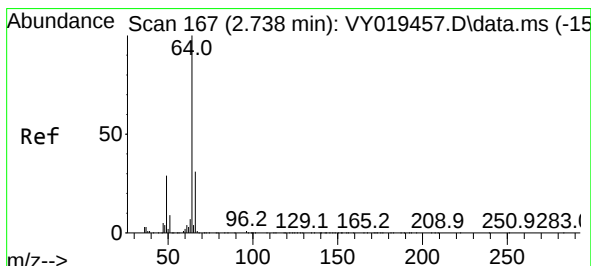
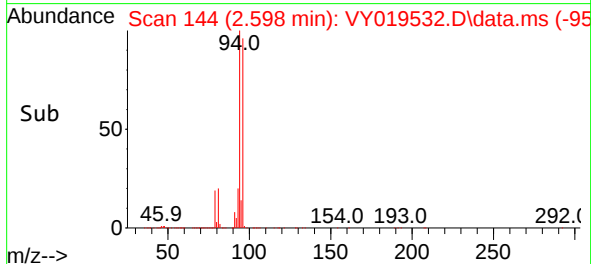
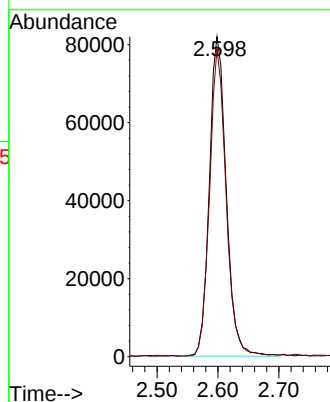
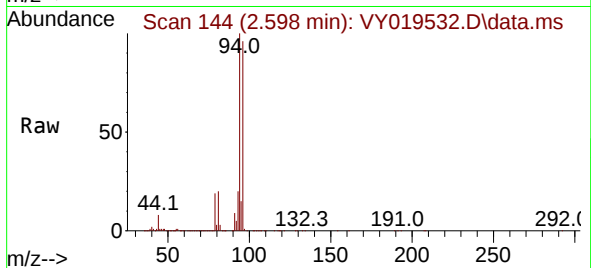




#5
Bromomethane
Concen: 62.066 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

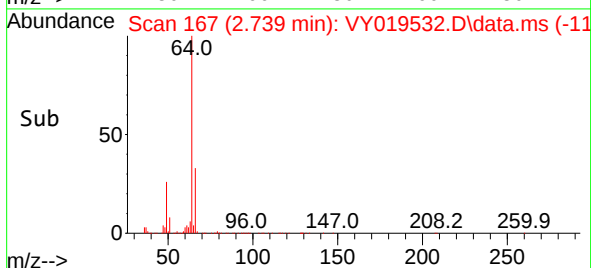
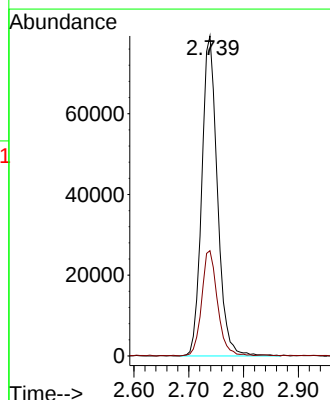
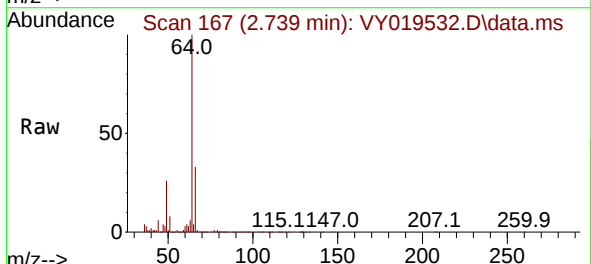
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 157733
Ion Ratio Lower Upper
94 100
96 96.3 74.1 111.1



#6
Chloroethane
Concen: 58.074 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 64 Resp: 157073
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1

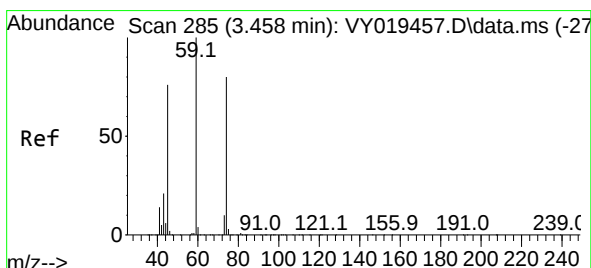
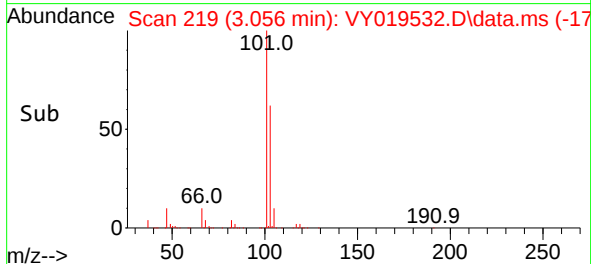
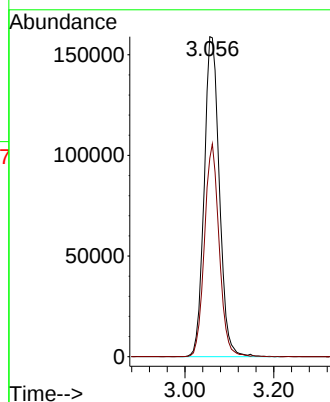
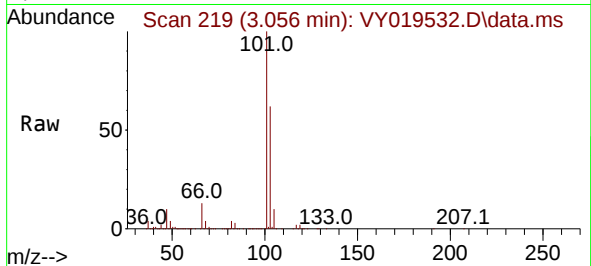




#7
 Trichlorofluoromethane
 Concen: 54.918 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019532.D
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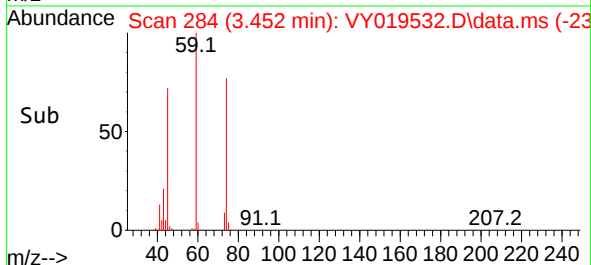
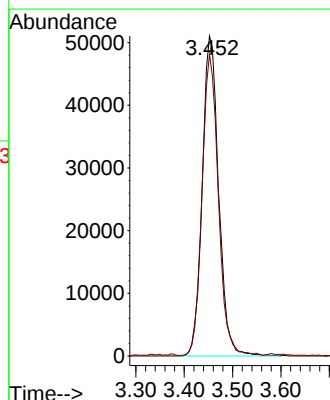
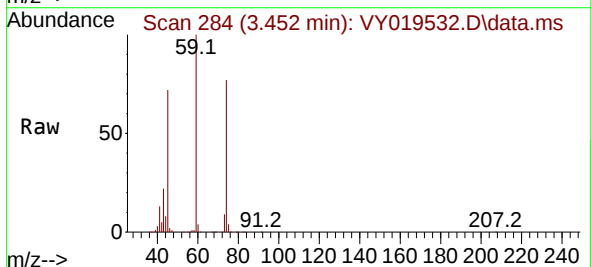
Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 378763
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.942 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019532.D
 Acq: 13 Sep 2024 10:30

Tgt Ion: 74 Resp: 120250
 Ion Ratio Lower Upper
 74 100
 45 93.3 41.3 124.1

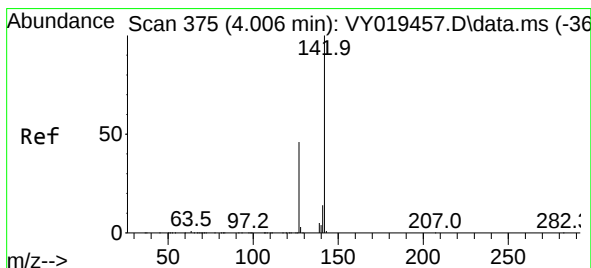
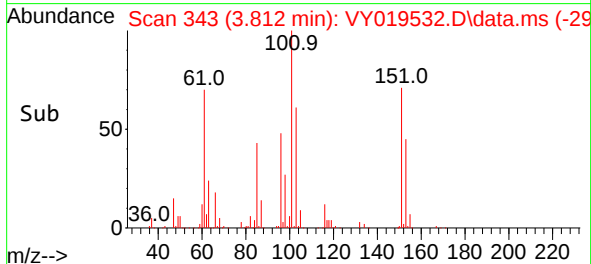
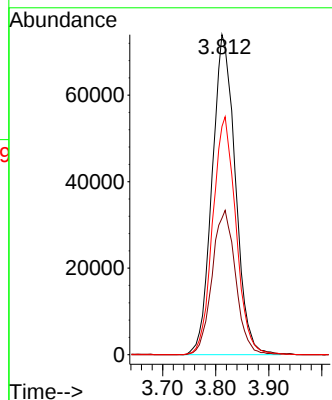
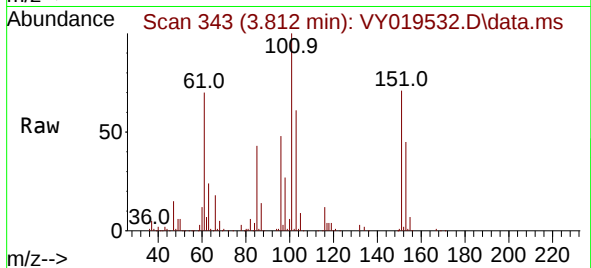




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.855 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
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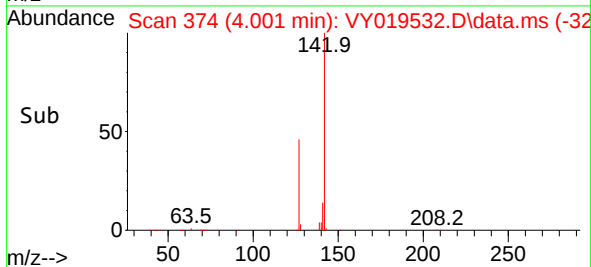
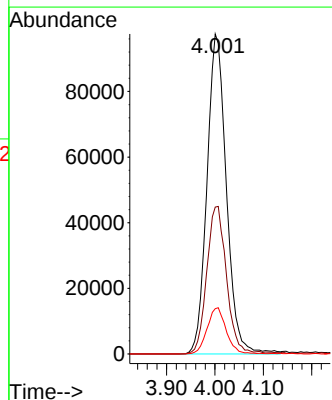
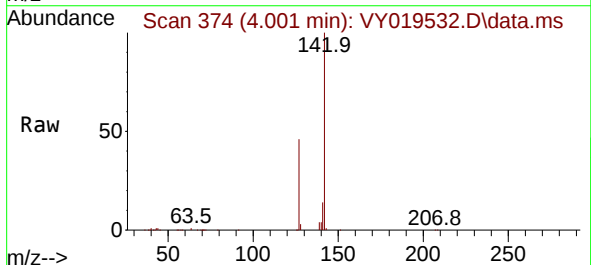
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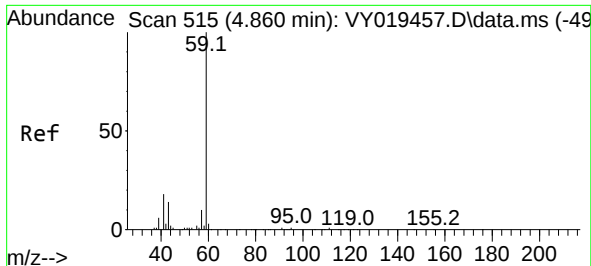
Tgt Ion:101 Resp: 225504
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 74.2 61.7 92.5



#10
Methyl Iodide
Concen: 49.768 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:142 Resp: 272229
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 14.2 11.4 17.2

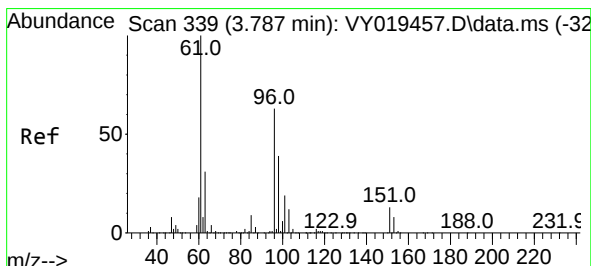
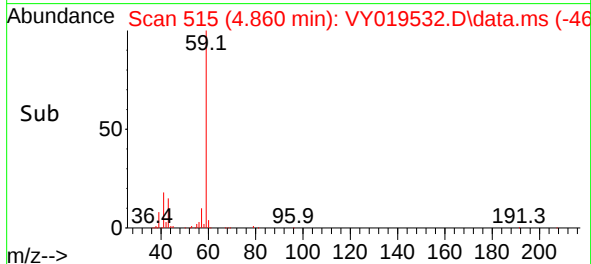
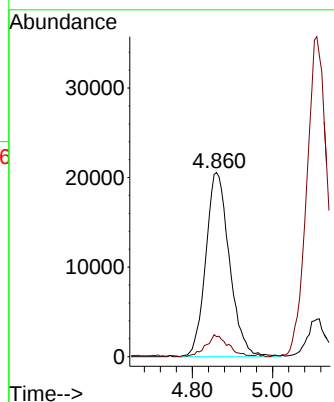
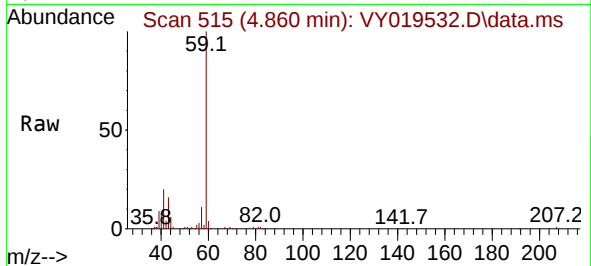




#11
Tert butyl alcohol
Concen: 243.284 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

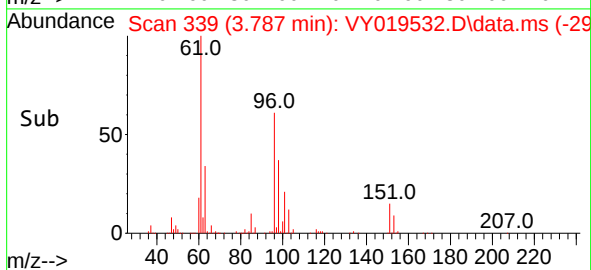
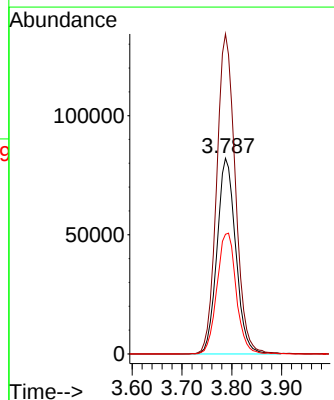
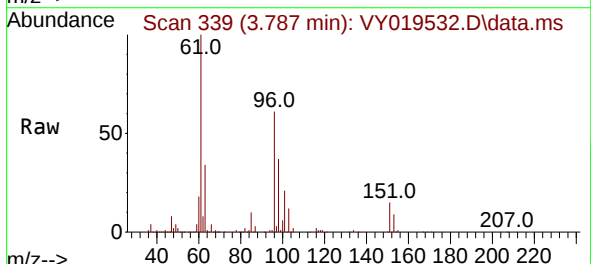
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

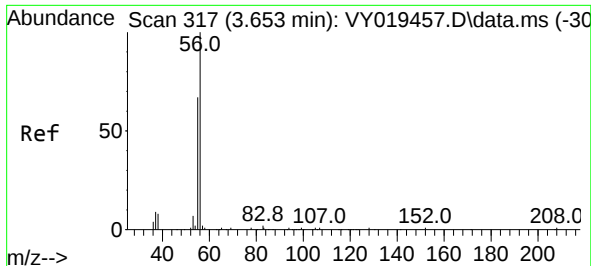
Tgt Ion: 59 Resp: 84135
Ion Ratio Lower Upper
59 100
57 11.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 52.184 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 96 Resp: 214113
Ion Ratio Lower Upper
96 100
61 163.5 114.6 171.8
98 61.2 50.8 76.2





#13

Acrolein

Concen: 213.000 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

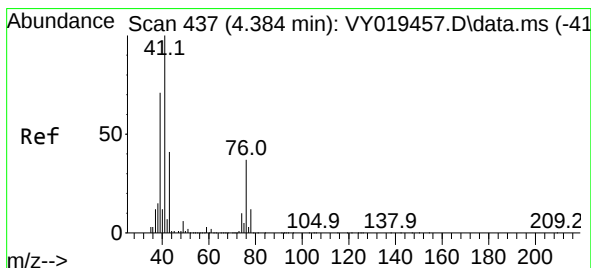
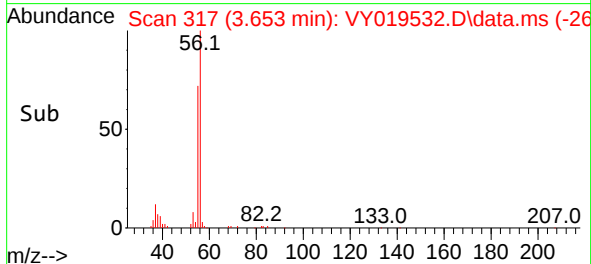
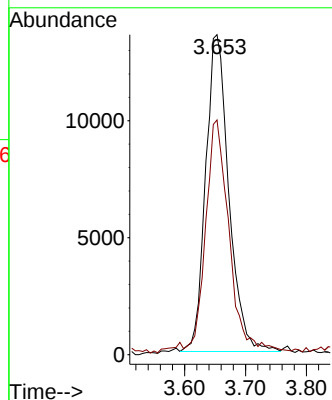
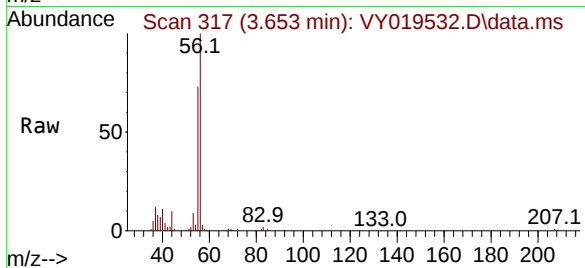
VSTDCCC050

Tgt Ion: 56 Resp: 35815

Ion Ratio Lower Upper

56 100

55 73.3 55.7 83.5



#14

Allyl chloride

Concen: 50.606 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

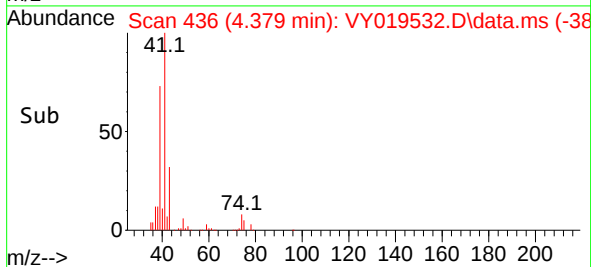
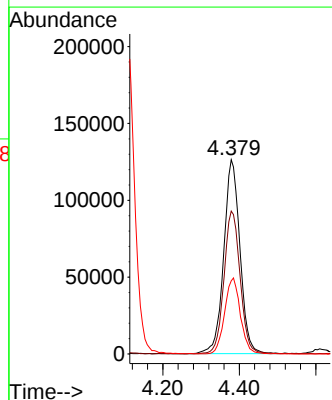
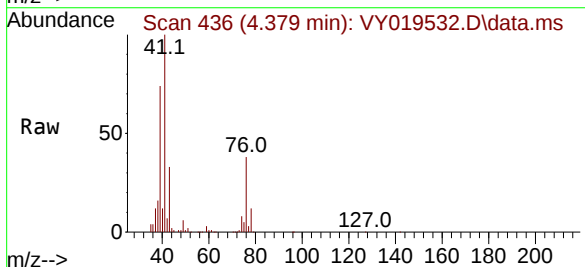
Tgt Ion: 41 Resp: 372360

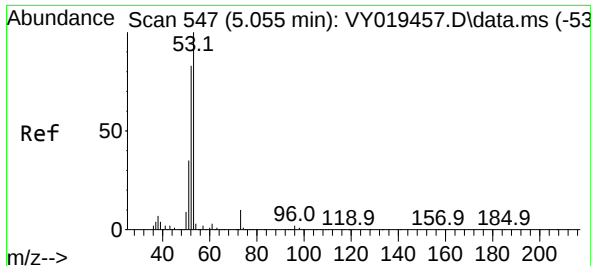
Ion Ratio Lower Upper

41 100

39 73.2 58.3 87.5

76 37.7 39.0 58.6#

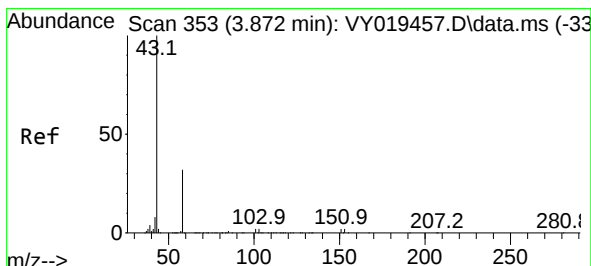
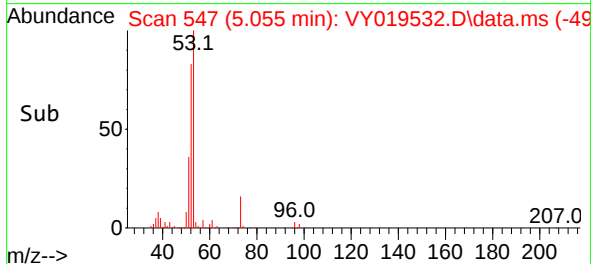
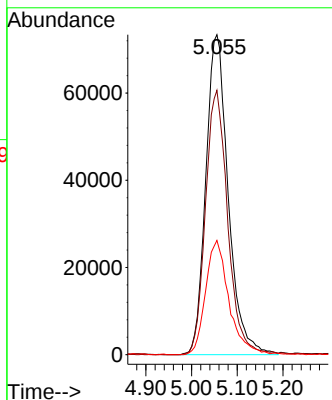
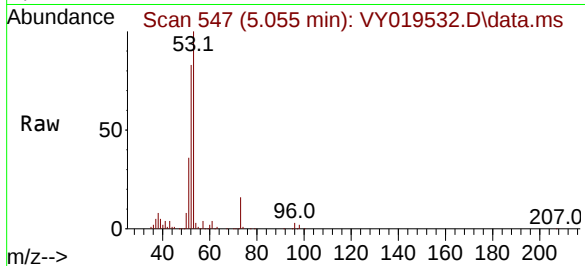




#15
Acrylonitrile
Concen: 250.897 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

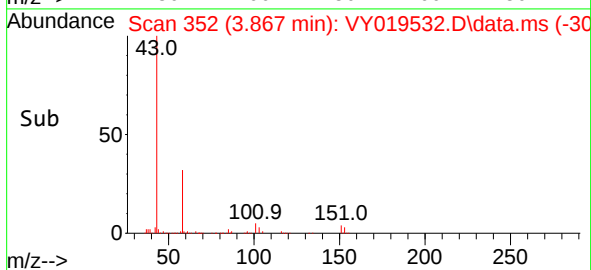
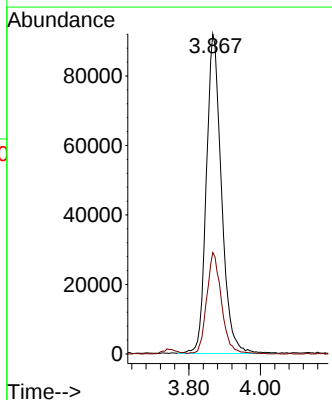
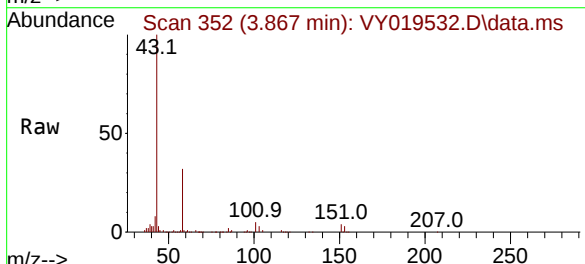
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 250450
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 264.498 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 43 Resp: 269841
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#

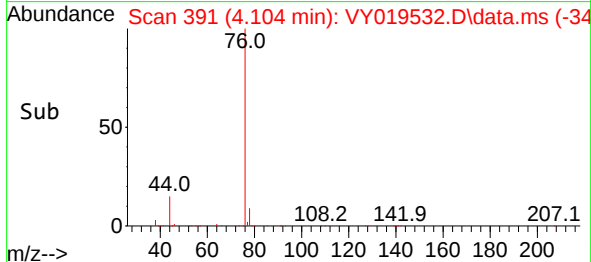
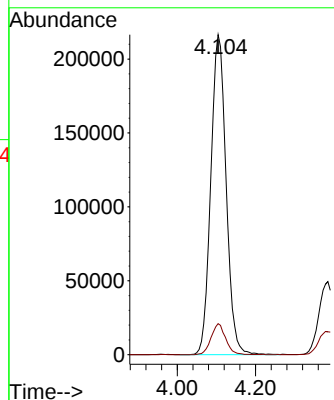
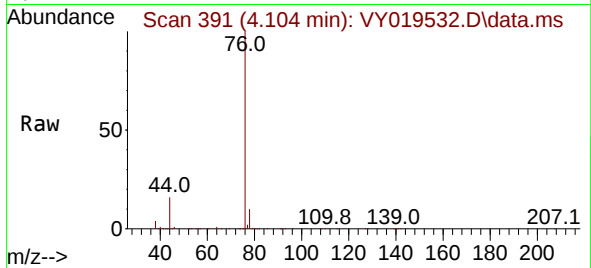




#17
Carbon Disulfide
Concen: 52.882 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

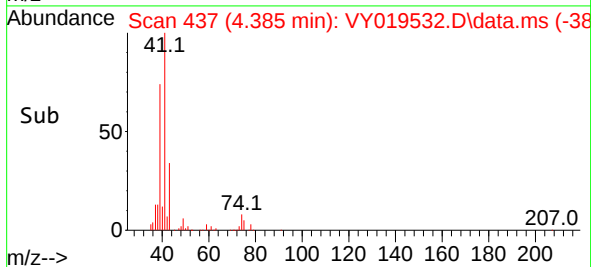
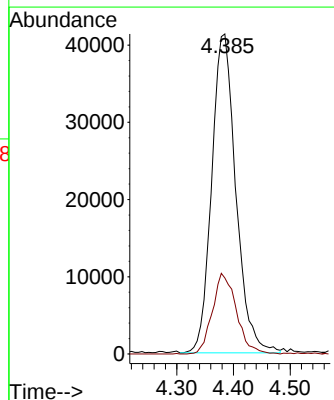
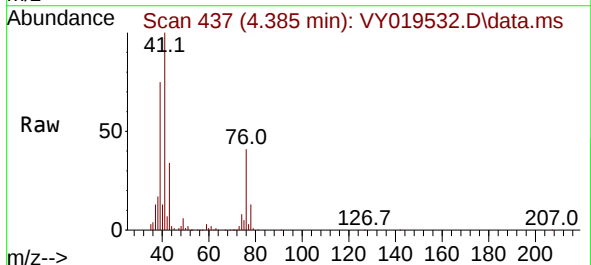
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 586237
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 44.133 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 43 Resp: 122186
Ion Ratio Lower Upper
43 100
74 25.1 23.3 34.9

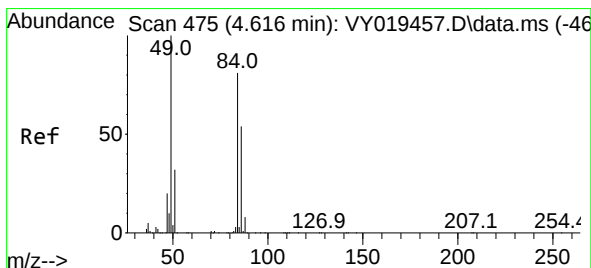
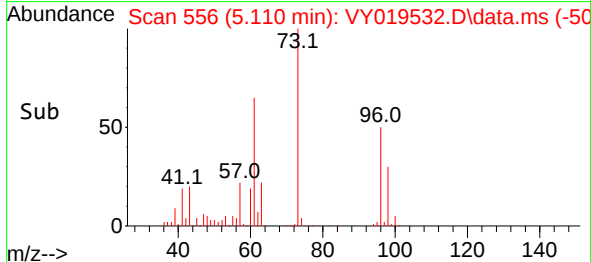
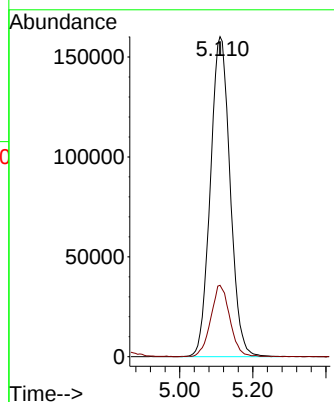
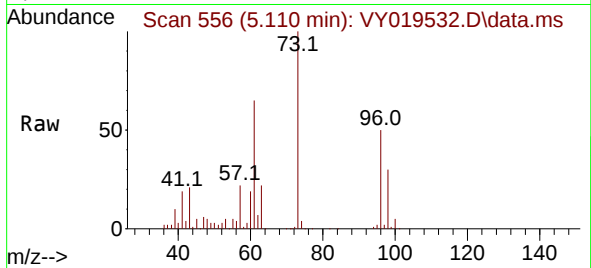




#19
Methyl tert-butyl Ether
Concen: 51.688 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

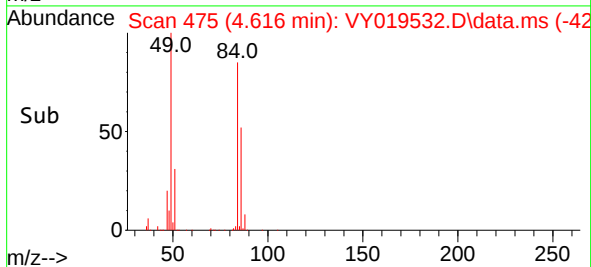
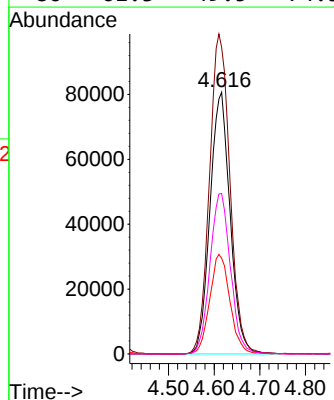
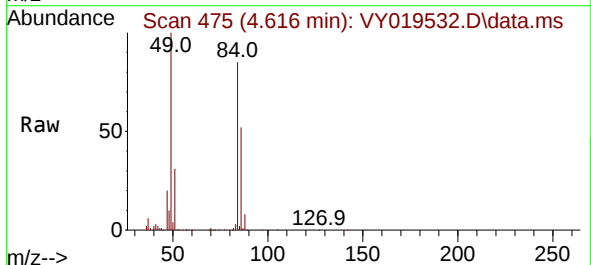
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

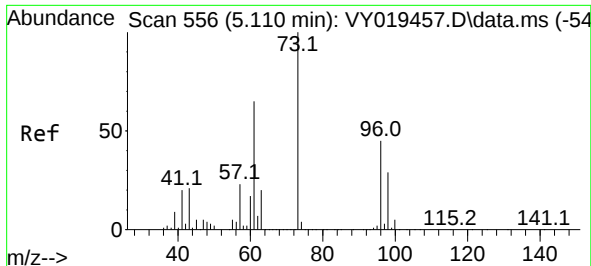
Tgt Ion: 73 Resp: 600656
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 53.011 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 84 Resp: 246640
Ion Ratio Lower Upper
84 100
49 117.1 84.4 126.6
51 36.5 26.0 39.0
86 61.3 49.5 74.3

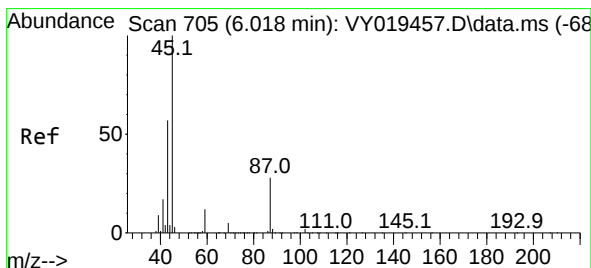
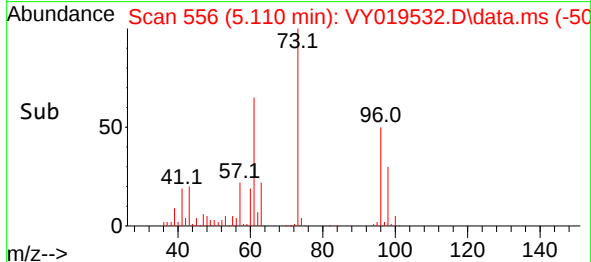
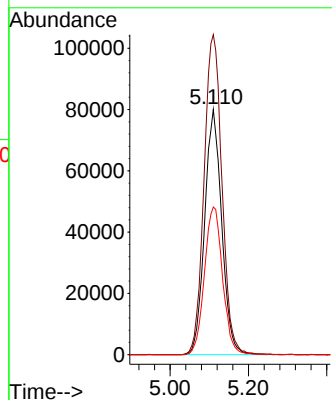
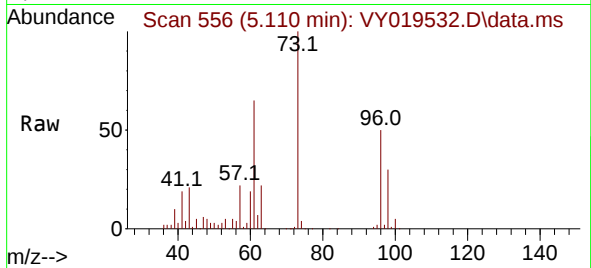




#21
trans-1,2-Dichloroethene
Concen: 53.755 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

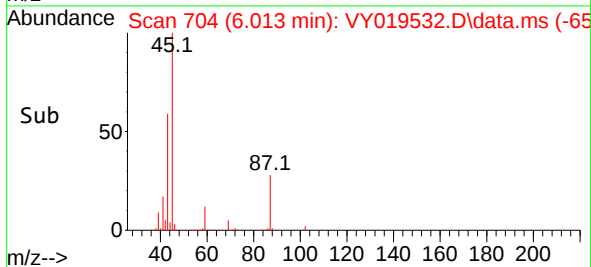
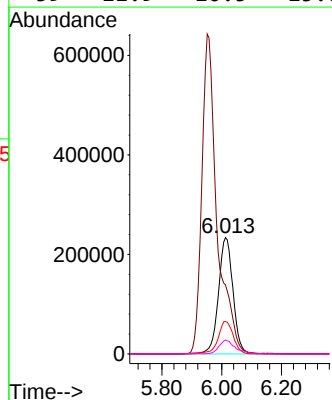
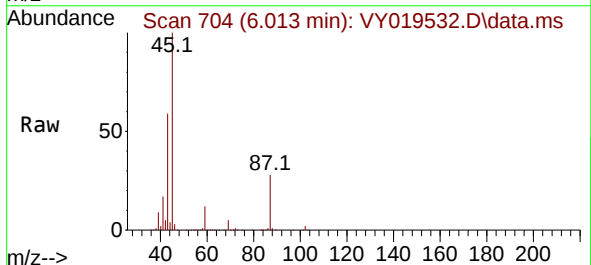
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 241754
Ion Ratio Lower Upper
96 100
61 130.4 97.5 146.3
98 60.2 50.5 75.7



#22
Diisopropyl ether
Concen: 52.051 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 45 Resp: 786477
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 28.0 25.0 37.6
59 11.9 10.5 15.7

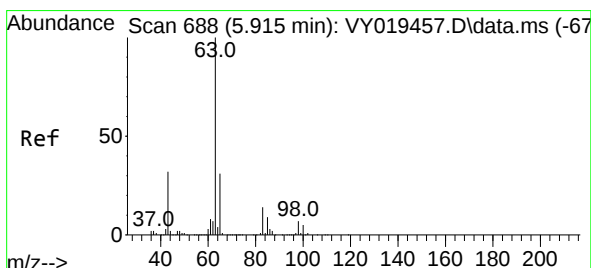
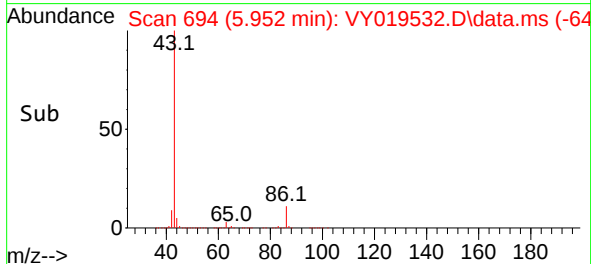
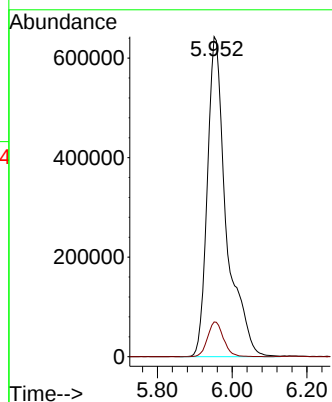
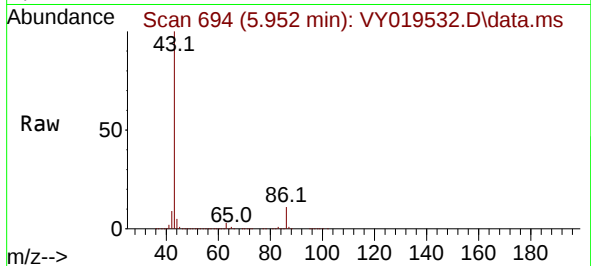




#23
 Vinyl Acetate
 Concen: 262.911 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019532.D
 Acq: 13 Sep 2024 10:30

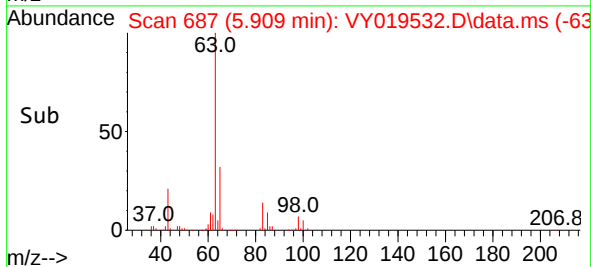
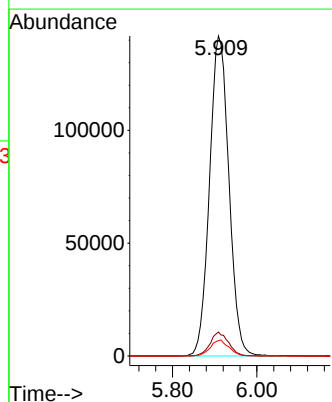
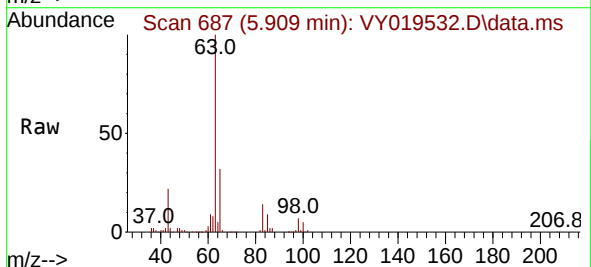
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2269078
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.415 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019532.D
 Acq: 13 Sep 2024 10:30

Tgt Ion: 63 Resp: 452895
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.8 2.6 8.0

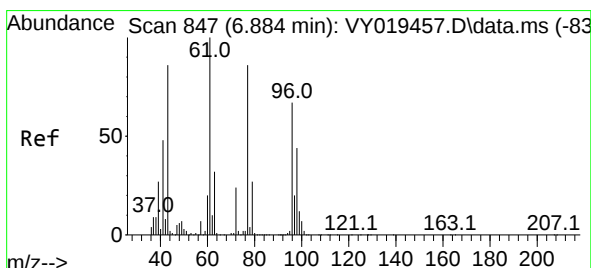
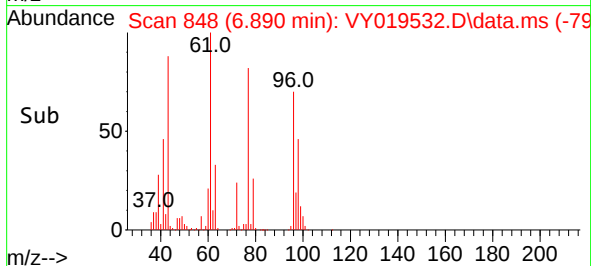
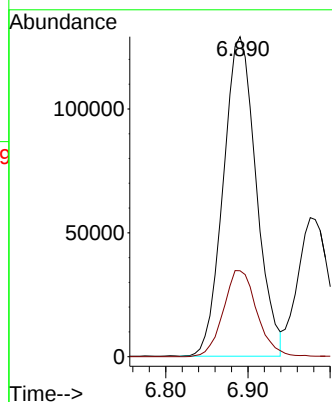
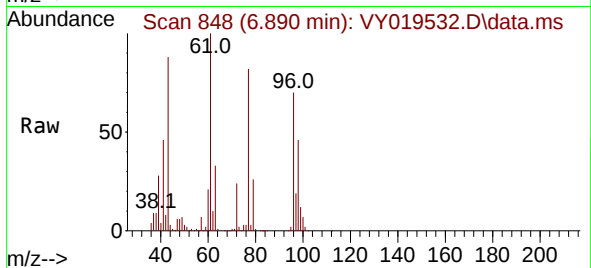




#25
2-Butanone
Concen: 247.216 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

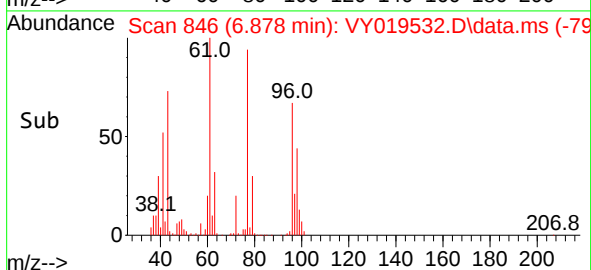
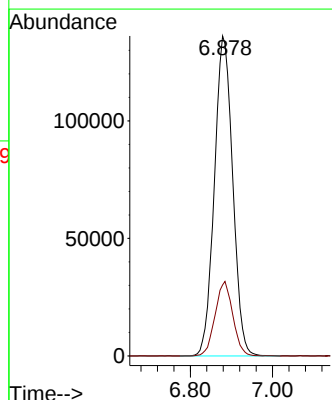
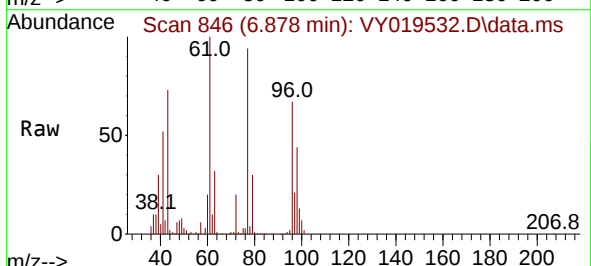
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

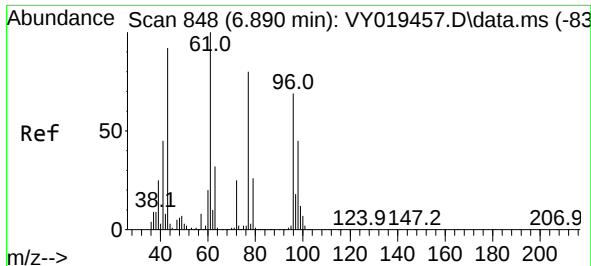
Tgt Ion: 43 Resp: 358705
Ion Ratio Lower Upper
43 100
72 26.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 55.084 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 77 Resp: 421289
Ion Ratio Lower Upper
77 100
97 22.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.658 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

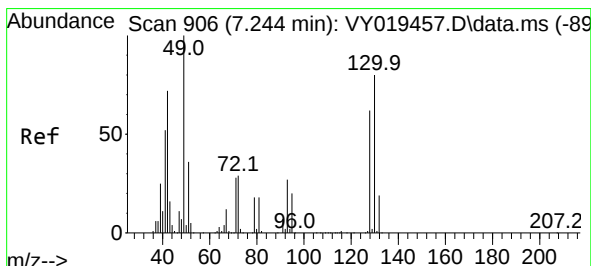
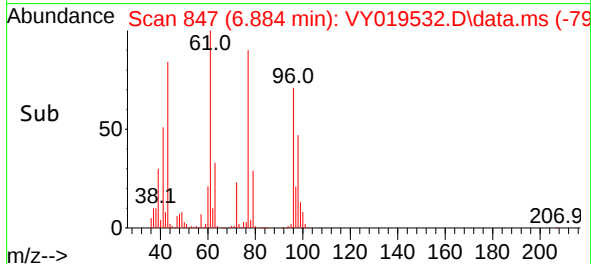
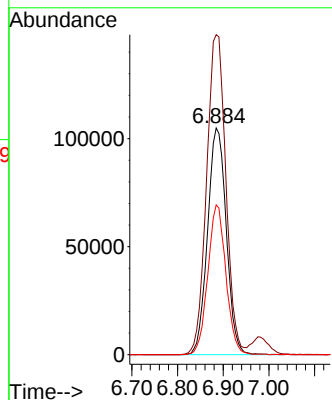
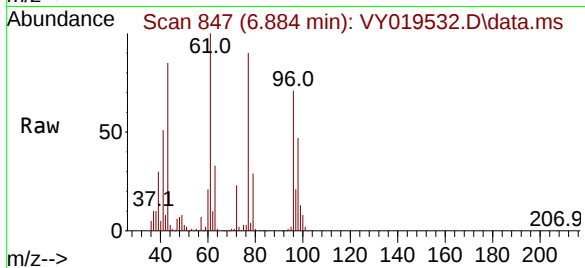
Tgt Ion: 96 Resp: 298596

Ion Ratio Lower Upper

96 100

61 145.5 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 54.097 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

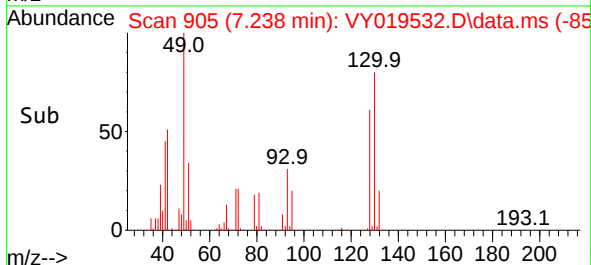
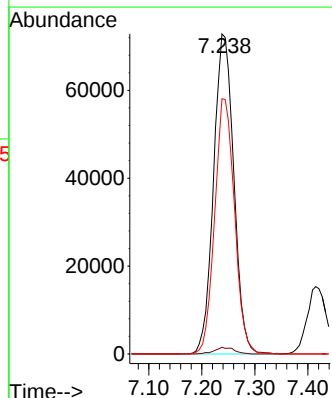
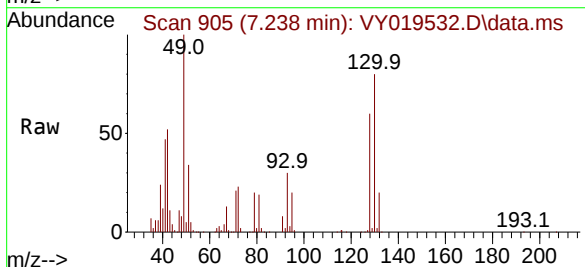
Tgt Ion: 49 Resp: 192990

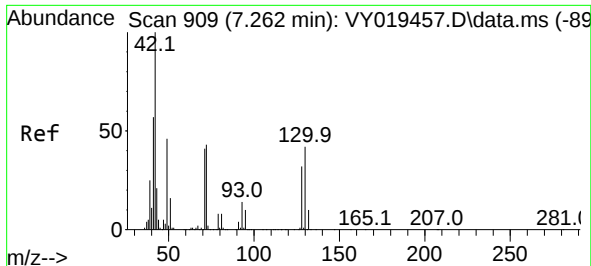
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 78.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 240.519 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

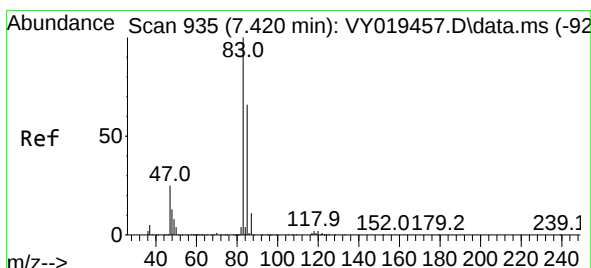
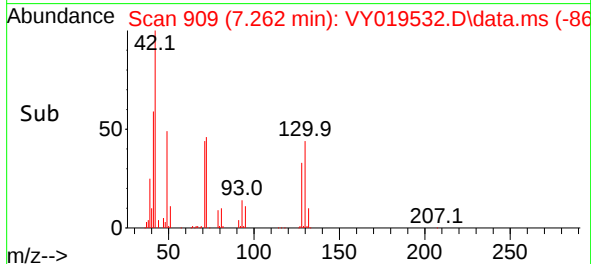
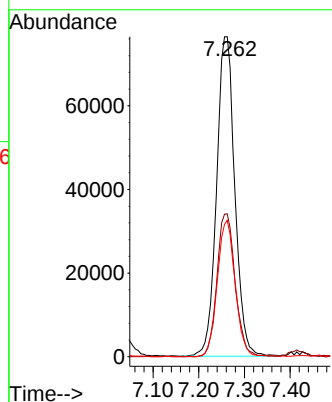
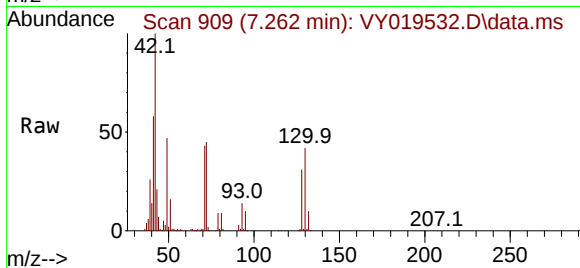
Tgt Ion: 42 Resp: 212190

Ion Ratio Lower Upper

42 100

72 44.7 43.0 64.4

71 41.8 40.8 61.2



#30

Chloroform

Concen: 54.801 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019532.D

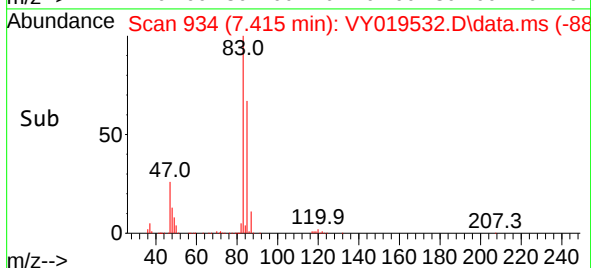
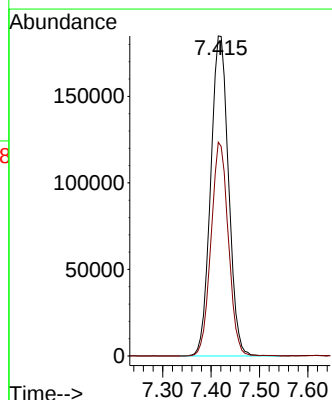
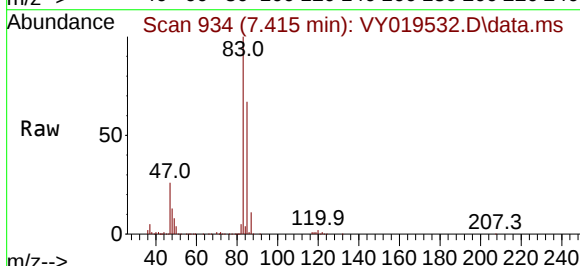
Acq: 13 Sep 2024 10:30

Tgt Ion: 83 Resp: 474329

Ion Ratio Lower Upper

83 100

85 66.8 52.2 78.4

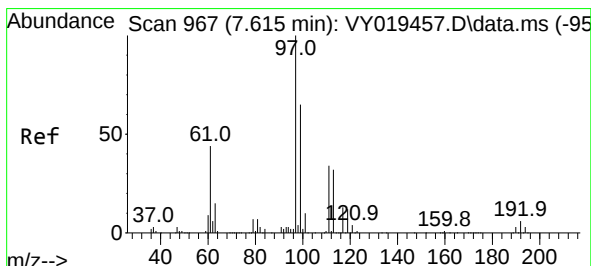
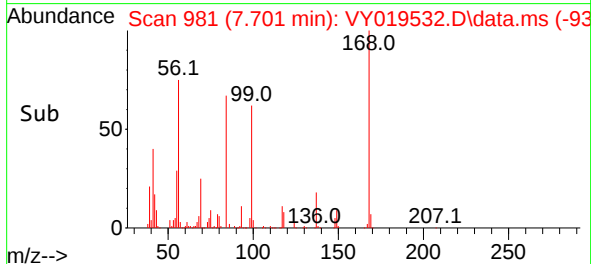
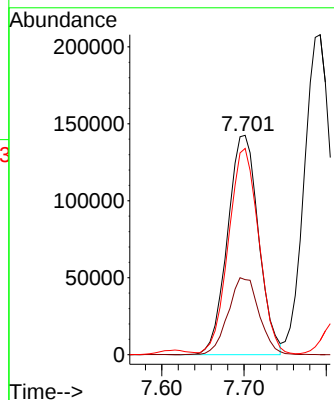
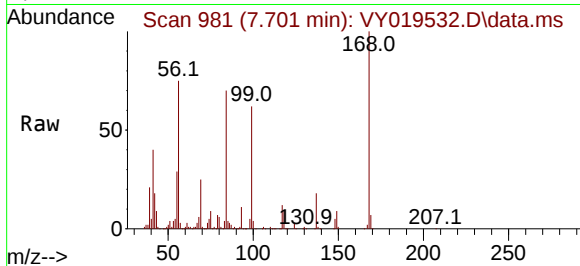




#31
Cyclohexane
Concen: 48.751 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

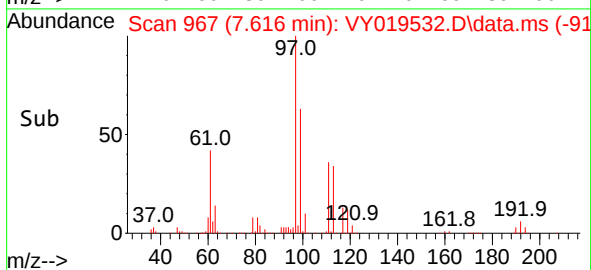
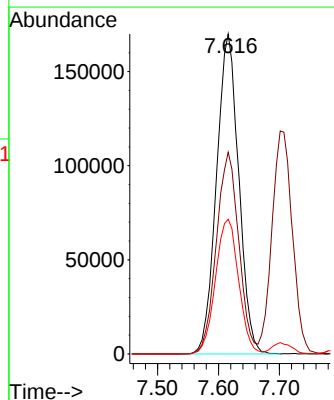
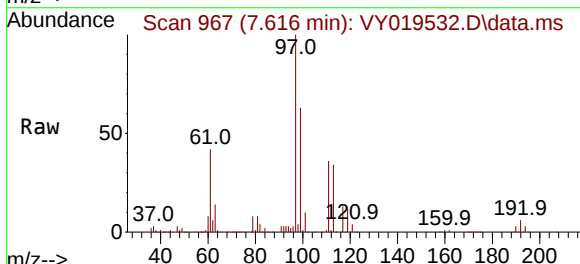
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 373621
Ion Ratio Lower Upper
56 100
69 34.2 28.7 43.1
84 92.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.499 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 97 Resp: 430570
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 43.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.563 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

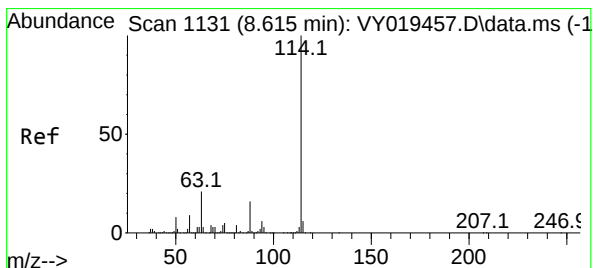
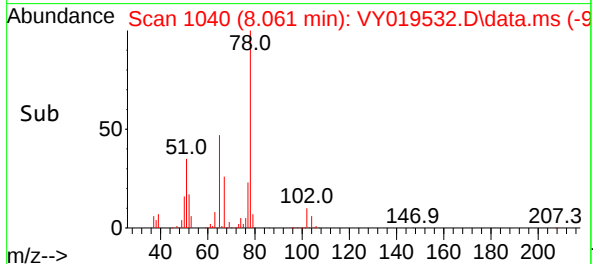
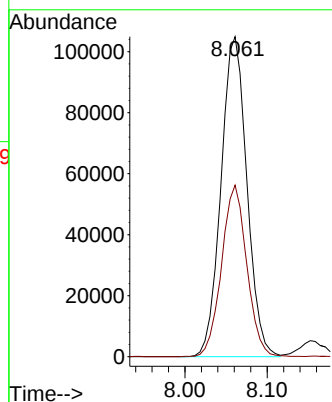
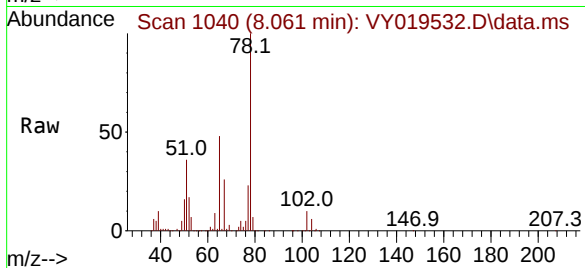
VSTDCCC050

Tgt Ion: 65 Resp: 229374

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

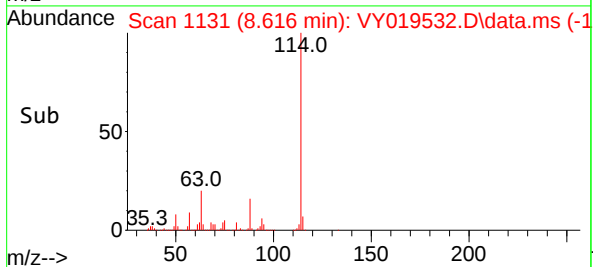
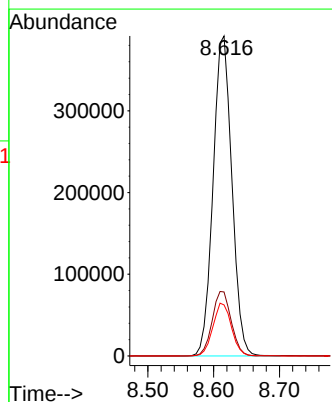
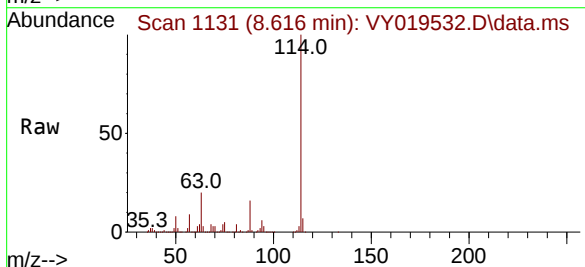
Tgt Ion: 114 Resp: 778339

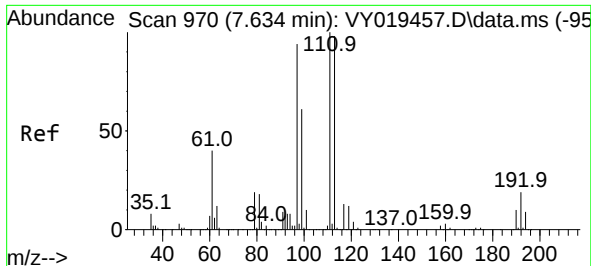
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 16.0 0.0 27.2

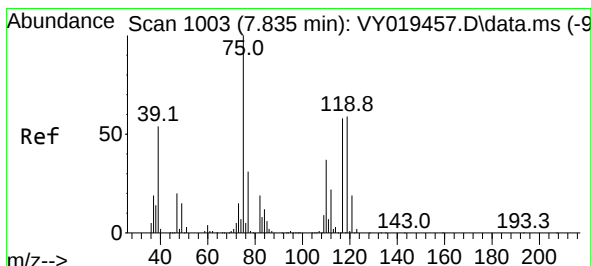
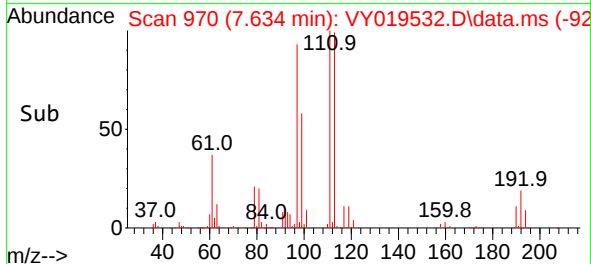
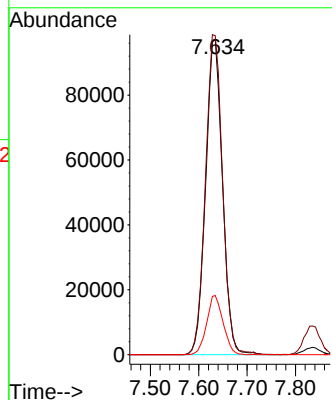
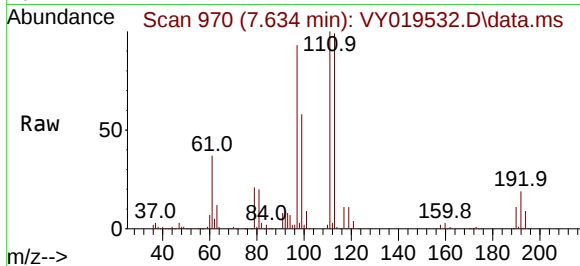




#35
Dibromofluoromethane
Concen: 53.253 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

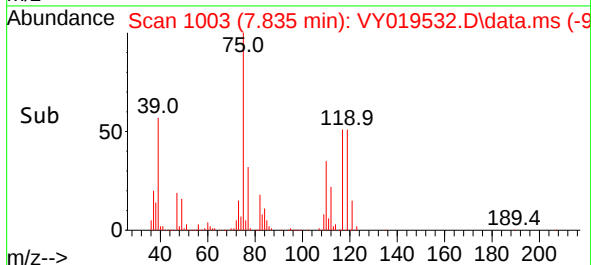
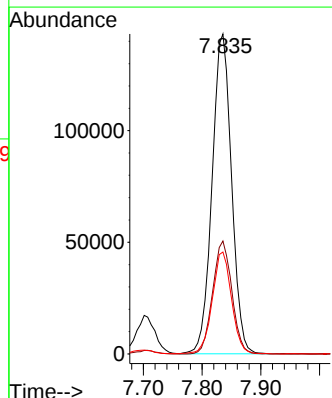
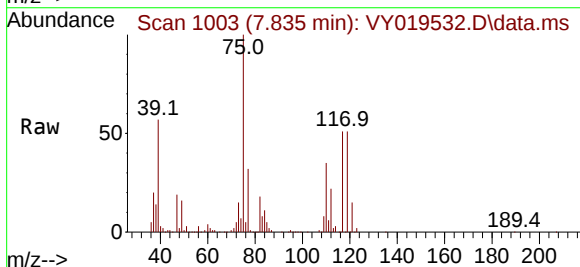
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 235006
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.849 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 75 Resp: 329363
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 50.536 ug/l

RT: 6.976 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

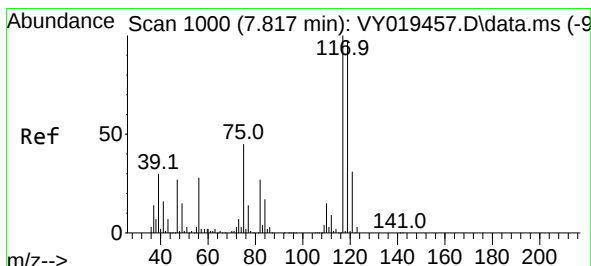
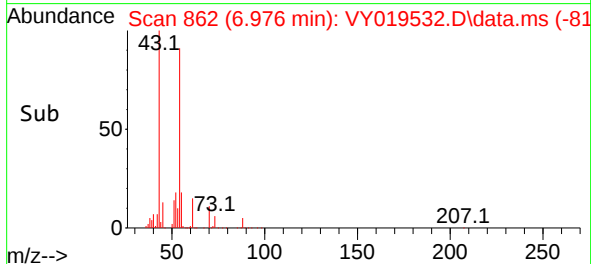
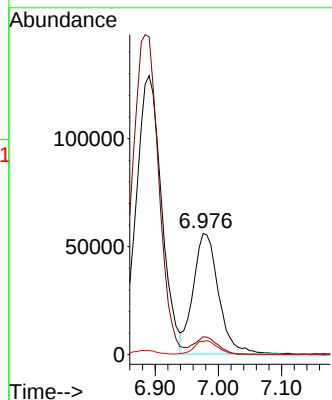
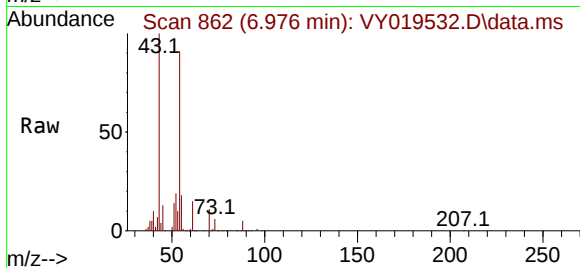
Tgt Ion: 43 Resp: 155487

Ion Ratio Lower Upper

43 100

61 13.4 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.814 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

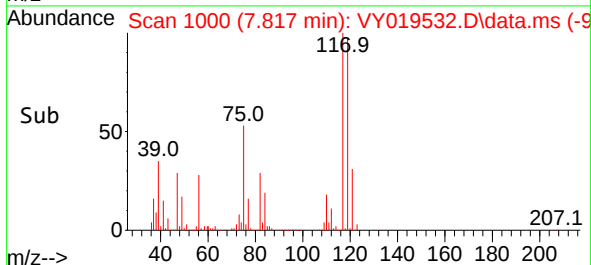
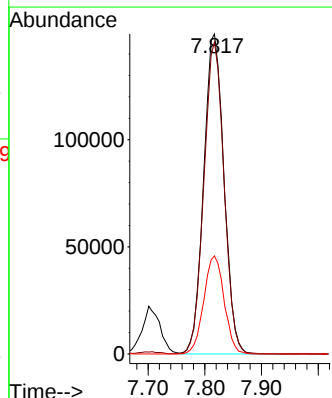
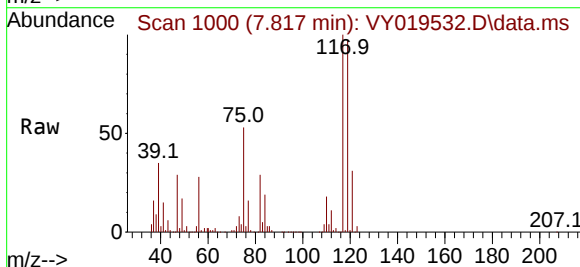
Tgt Ion: 117 Resp: 371176

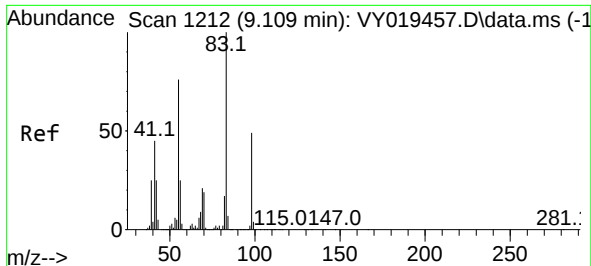
Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 52.955 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

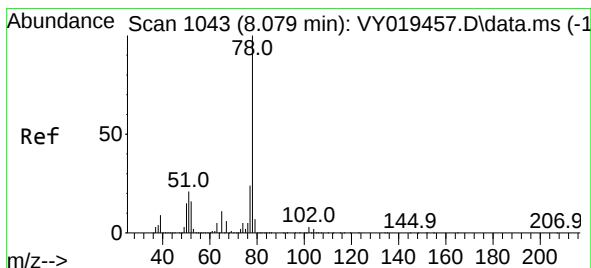
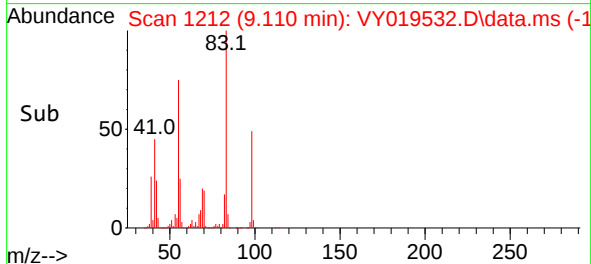
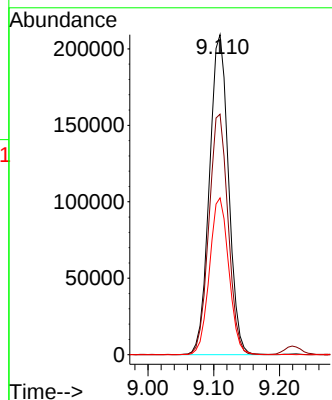
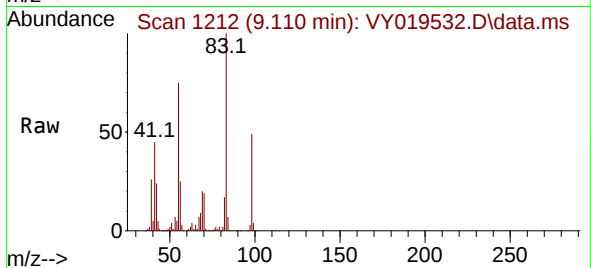
Tgt Ion: 83 Resp: 423174

Ion Ratio Lower Upper

83 100

55 75.1 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 54.296 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019532.D

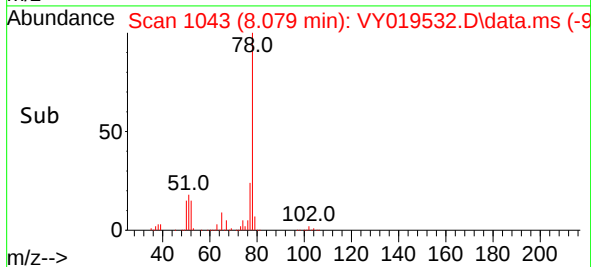
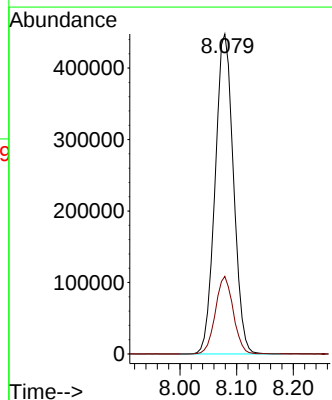
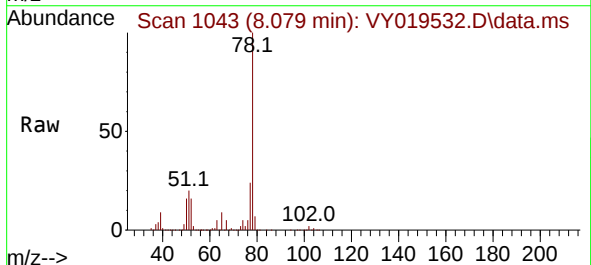
Acq: 13 Sep 2024 10:30

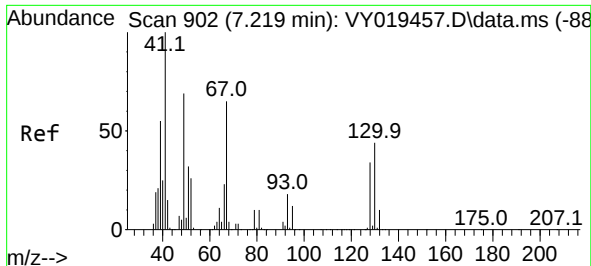
Tgt Ion: 78 Resp: 1004229

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

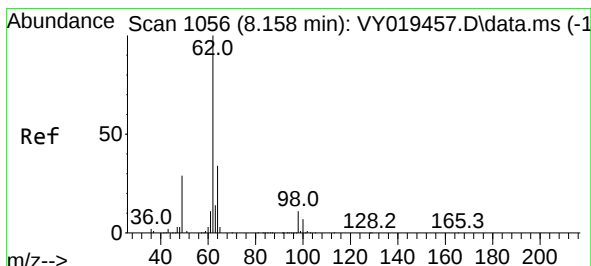
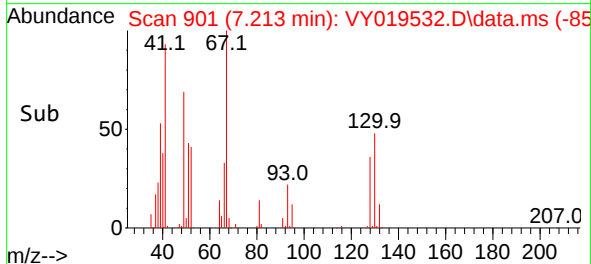
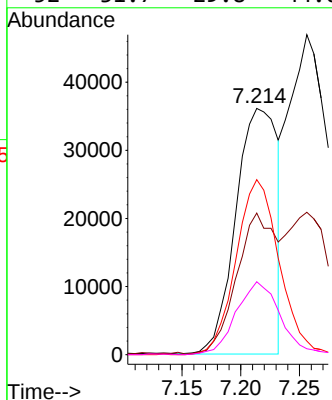
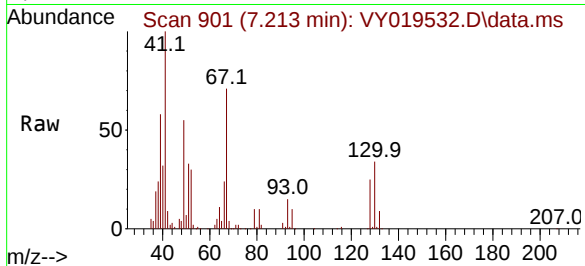




#41
Methacrylonitrile
Concen: 49.426 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

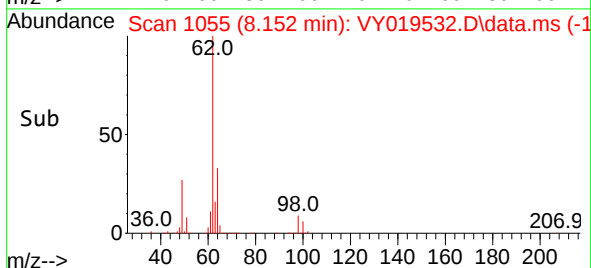
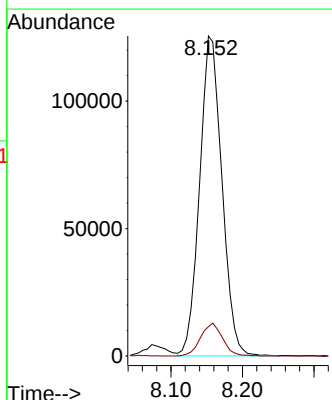
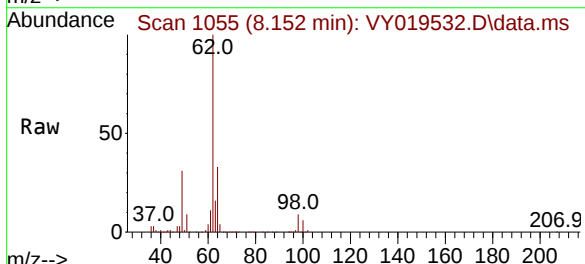
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 88645
Ion Ratio Lower Upper
41 100
39 53.9 48.0 72.0
67 74.6 75.1 112.7#
52 31.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 54.611 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 62 Resp: 271790
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0

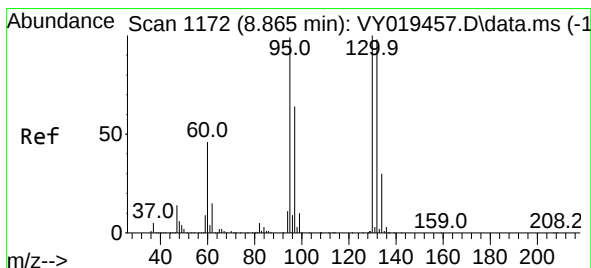
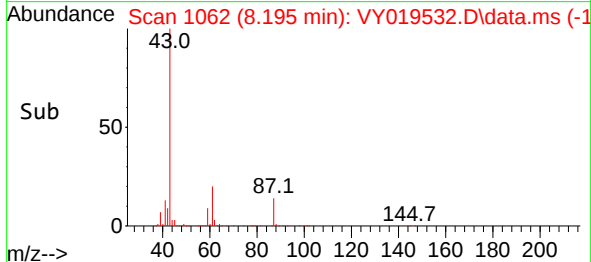
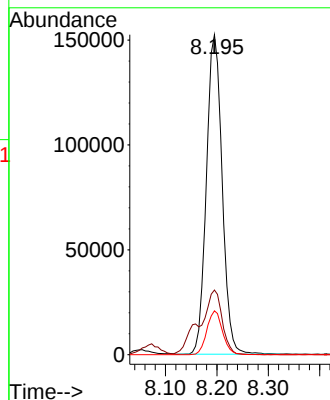
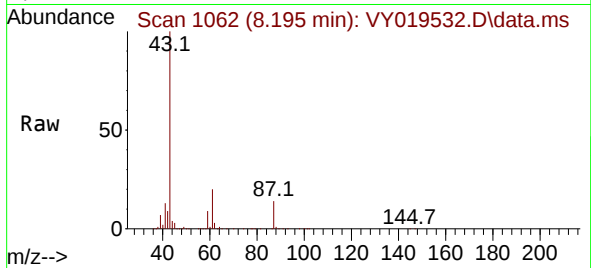




#43
Isopropyl Acetate
Concen: 50.213 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

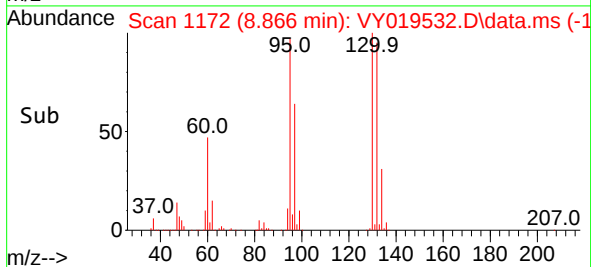
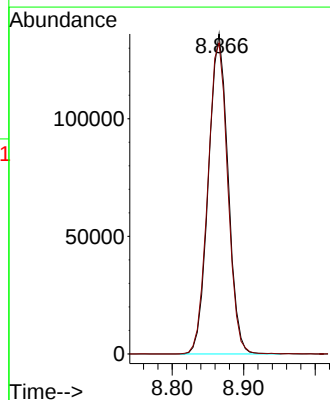
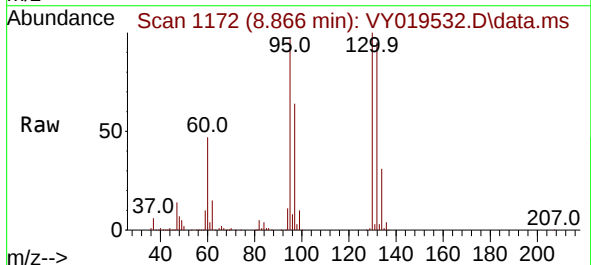
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

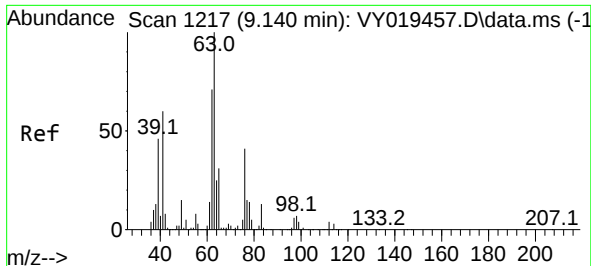
Tgt Ion: 43 Resp: 324575
Ion Ratio Lower Upper
43 100
61 28.9 27.9 41.9
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 54.455 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:130 Resp: 259023
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.209 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

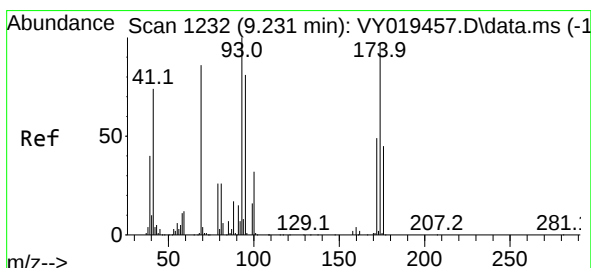
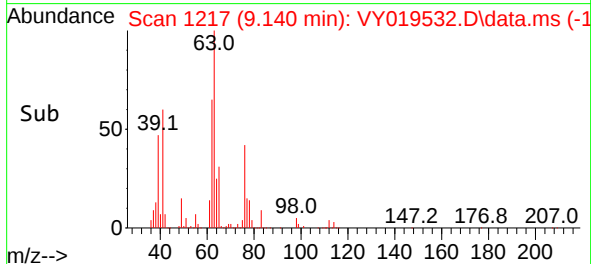
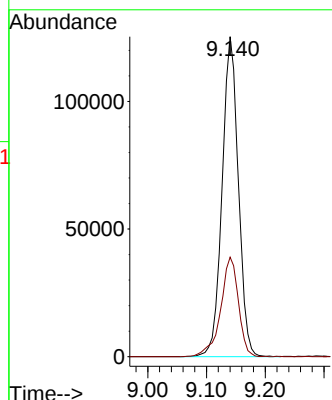
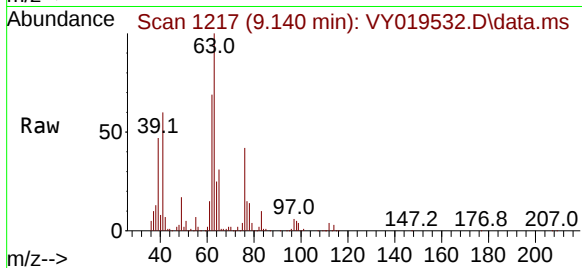
VSTDCCC050

Tgt Ion: 63 Resp: 240593

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 54.070 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

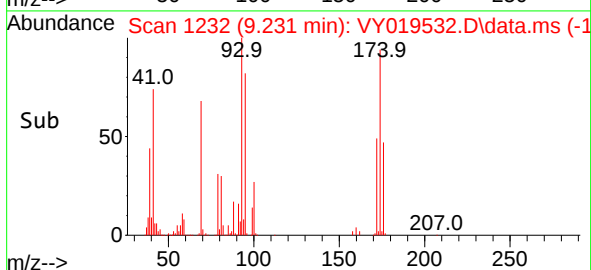
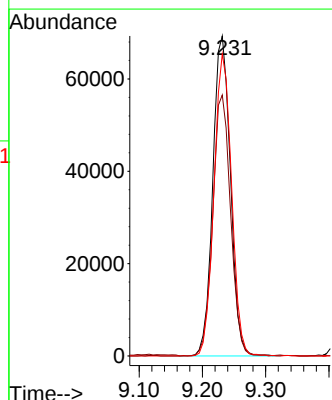
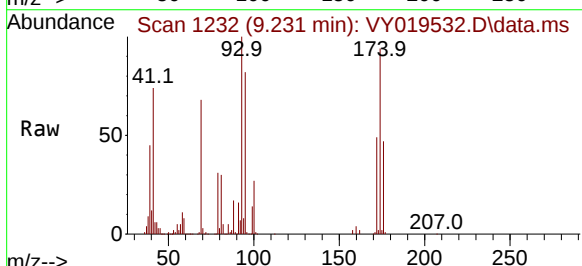
Tgt Ion: 93 Resp: 133697

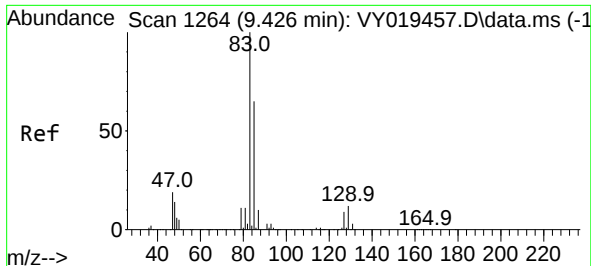
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 94.3 80.9 121.3

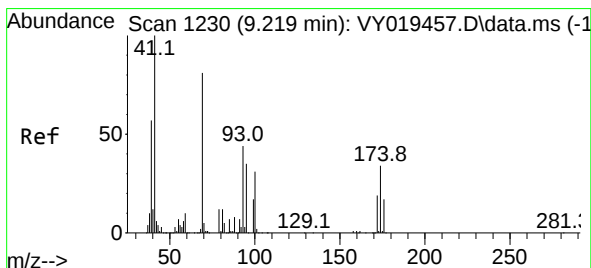
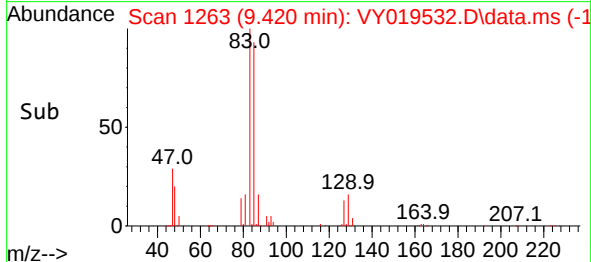
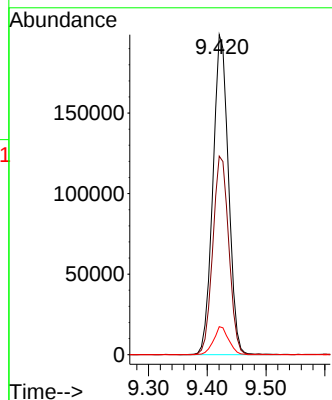
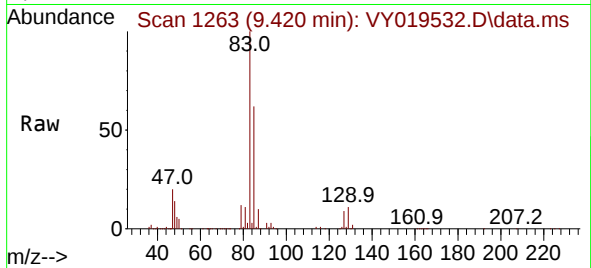




#47
Bromodichloromethane
Concen: 54.908 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

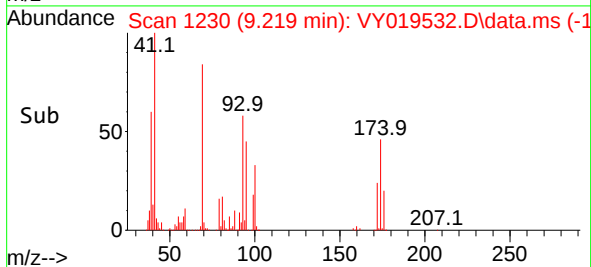
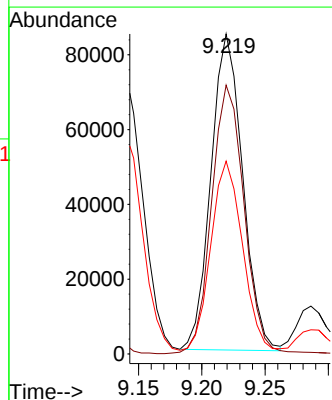
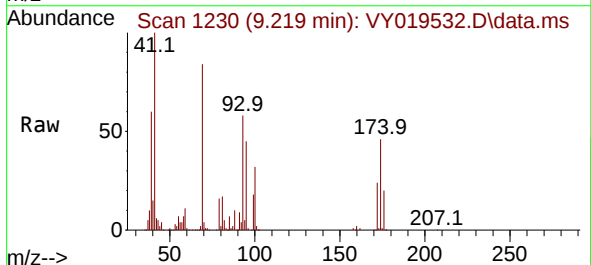
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 364959
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 48.343 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 41 Resp: 147568
Ion Ratio Lower Upper
41 100
69 87.2 84.1 126.1
39 59.7 43.6 65.4





#49

1,4-Dioxane

Concen: 991.147 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

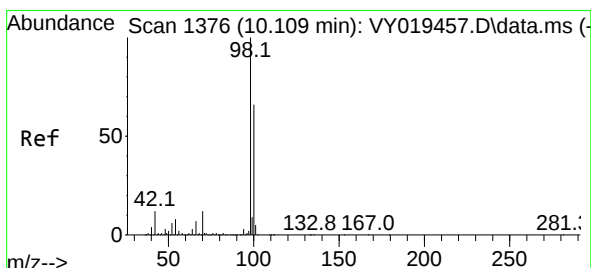
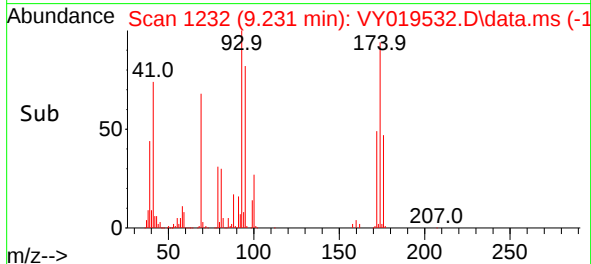
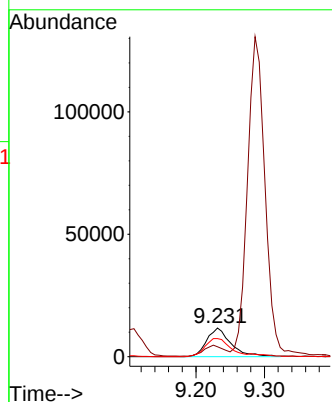
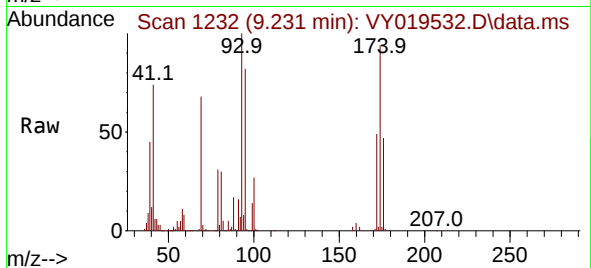
Tgt Ion: 88 Resp: 28851

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 71.5 49.3 73.9



#50

Toluene-d8

Concen: 53.347 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019532.D

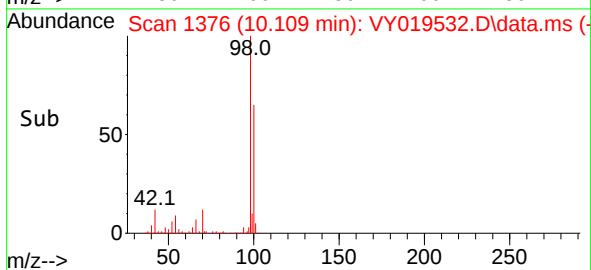
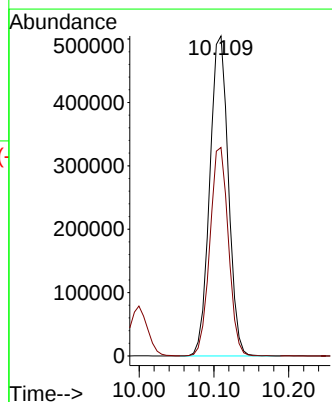
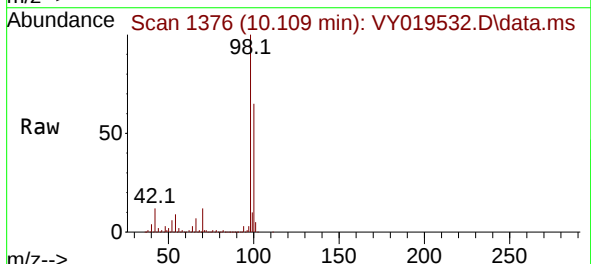
Acq: 13 Sep 2024 10:30

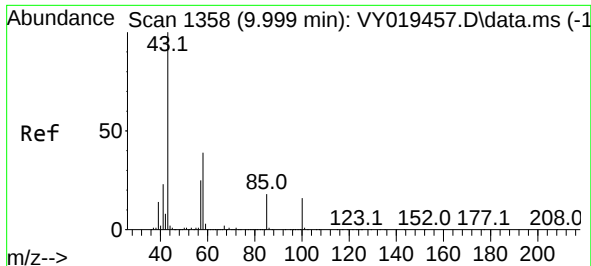
Tgt Ion: 98 Resp: 870778

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 247.468 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

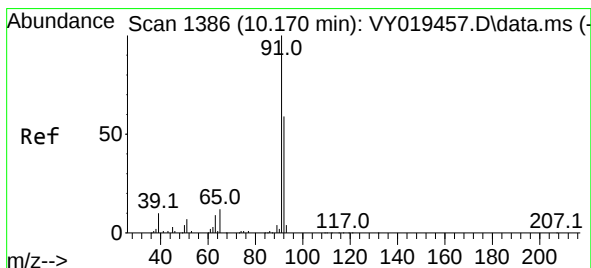
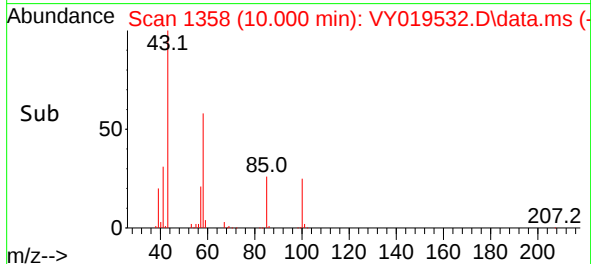
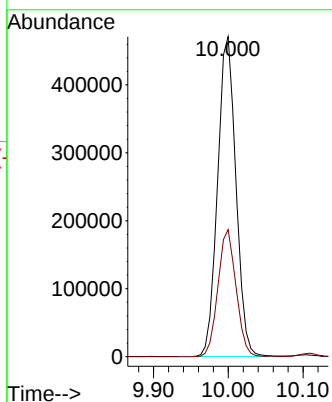
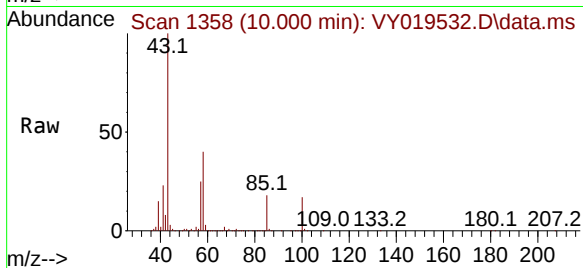
VSTDCCC050

Tgt Ion: 43 Resp: 804762

Ion Ratio Lower Upper

43 100

58 39.3 35.7 53.5



#52

Toluene

Concen: 55.044 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019532.D

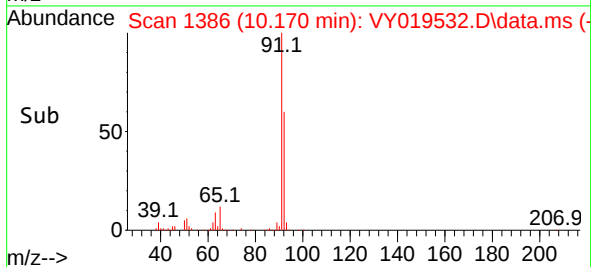
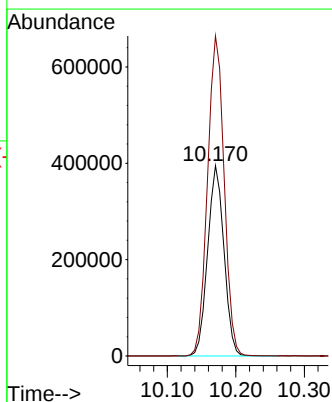
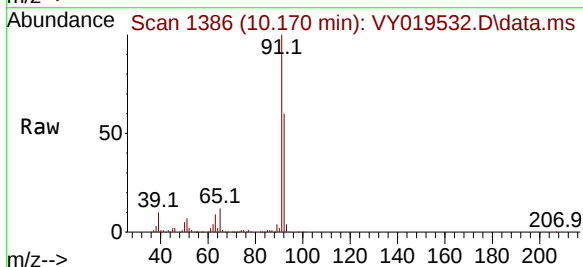
Acq: 13 Sep 2024 10:30

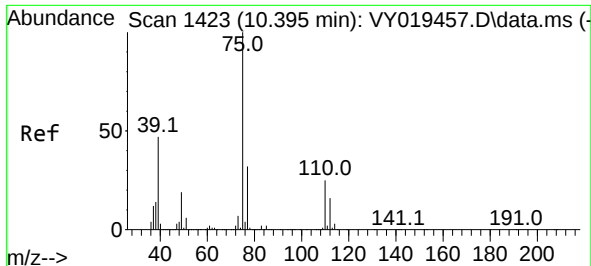
Tgt Ion: 92 Resp: 654762

Ion Ratio Lower Upper

92 100

91 171.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 52.877 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

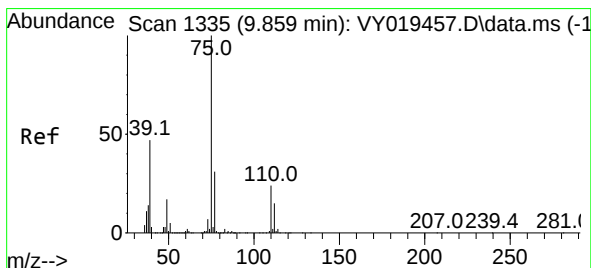
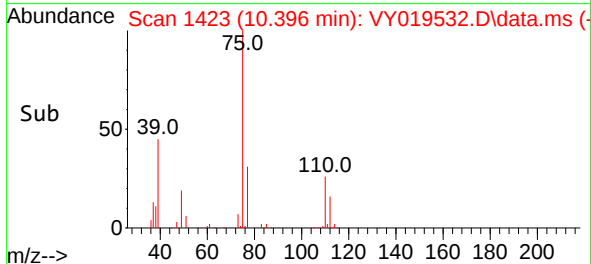
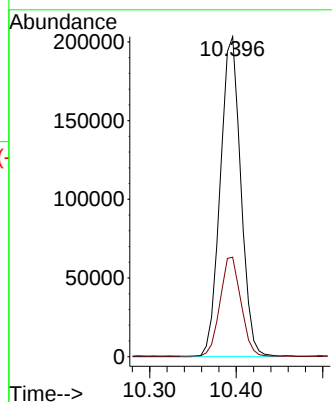
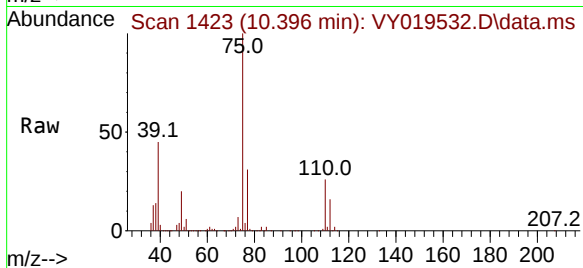
VSTDCCC050

Tgt Ion: 75 Resp: 335030

Ion Ratio Lower Upper

75 100

77 30.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 54.211 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

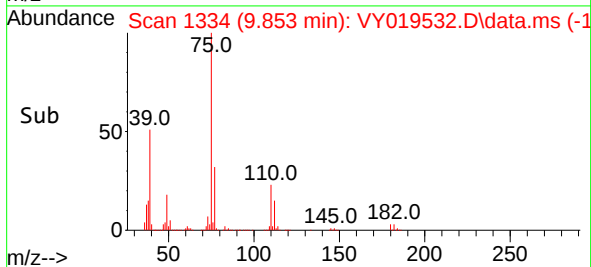
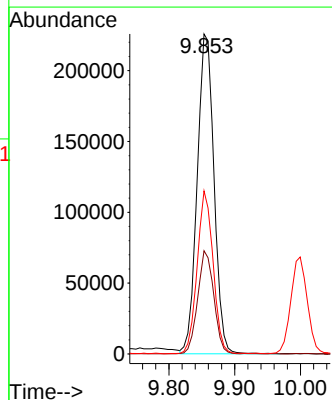
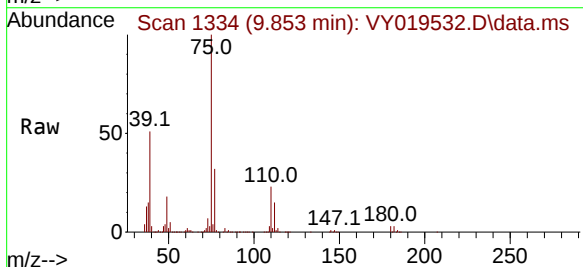
Tgt Ion: 75 Resp: 399956

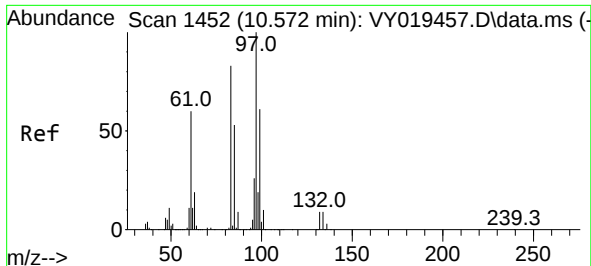
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 50.8 29.8 44.6#

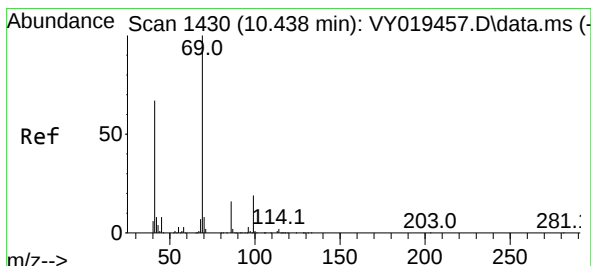
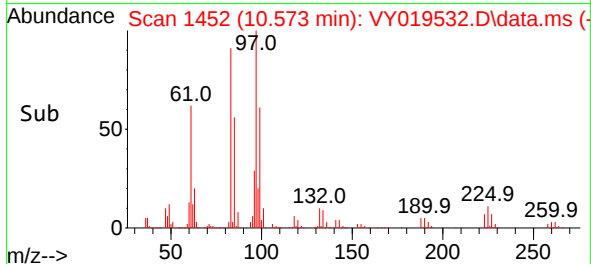
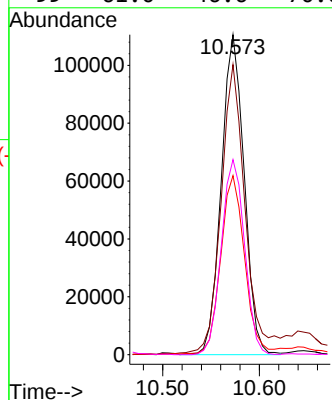
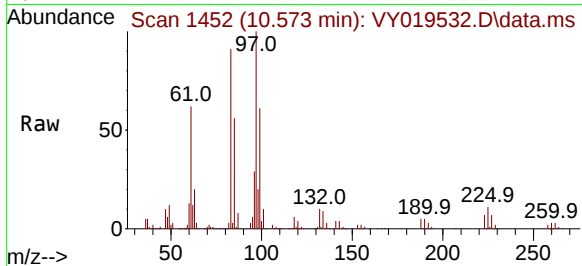




#55
1,1,2-Trichloroethane
Concen: 53.239 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

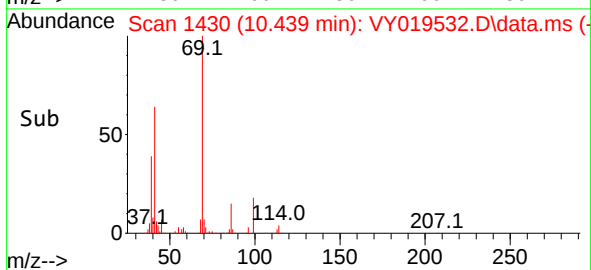
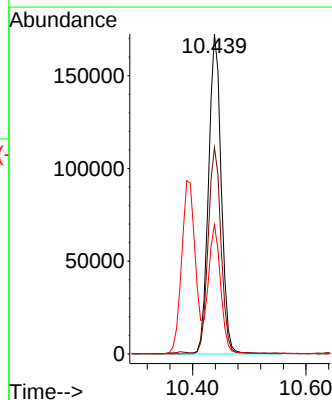
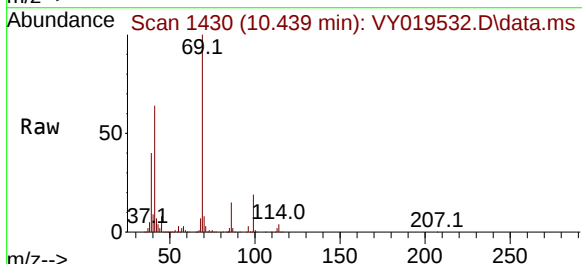
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

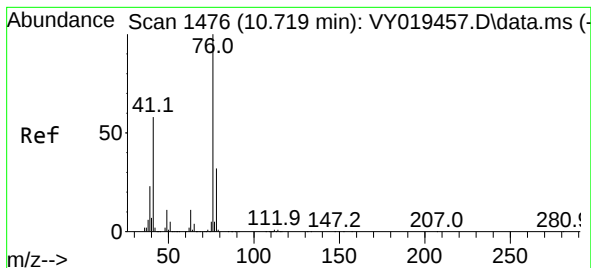
Tgt Ion:	97	Resp:	181793
Ion	Ratio	Lower	Upper
97	100		
83	90.1	67.5	101.3
85	55.7	42.9	64.3
99	61.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 51.641 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:	69	Resp:	267866
Ion	Ratio	Lower	Upper
69	100		
41	64.8	42.3	63.5#
39	39.7	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 52.595 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

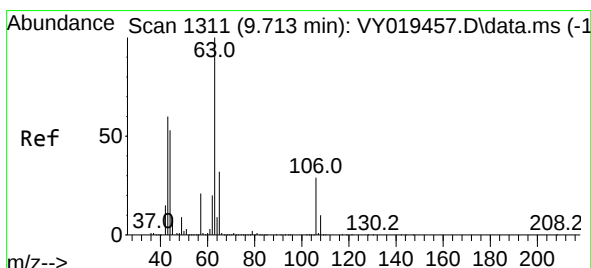
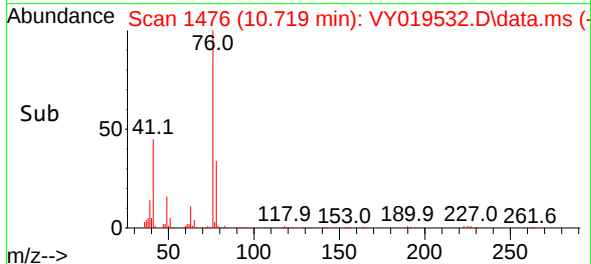
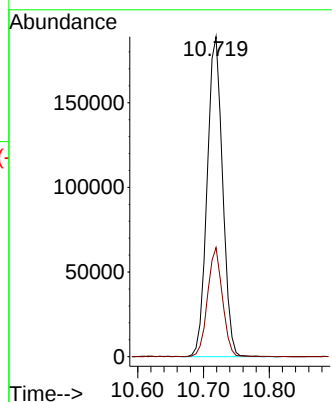
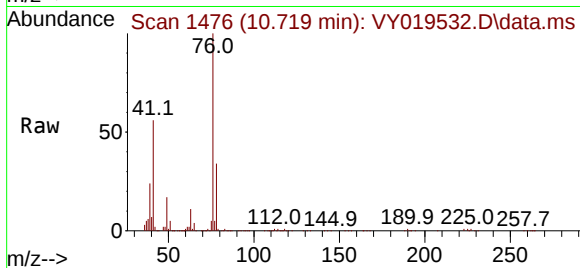
VSTDCCC050

Tgt Ion: 76 Resp: 308709

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 235.209 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019532.D

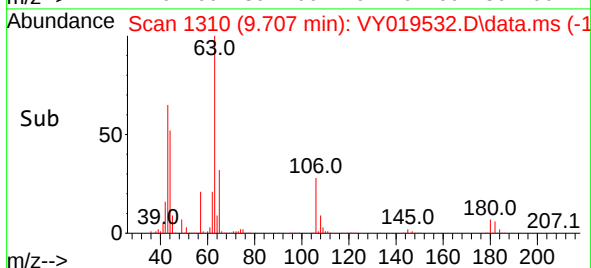
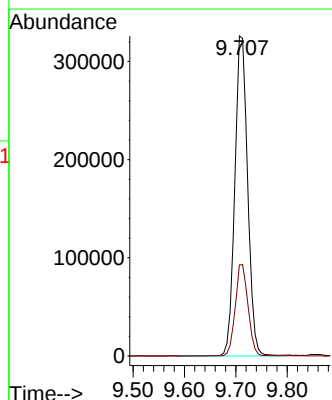
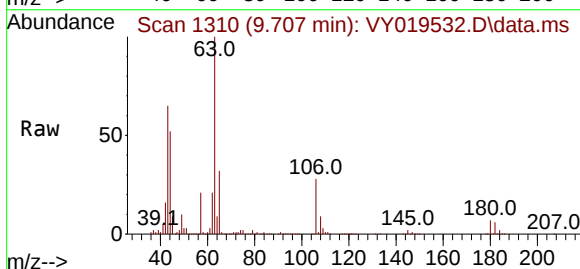
Acq: 13 Sep 2024 10:30

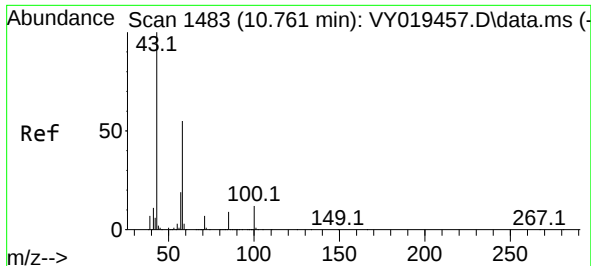
Tgt Ion: 63 Resp: 566261

Ion Ratio Lower Upper

63 100

106 28.5 23.7 35.5

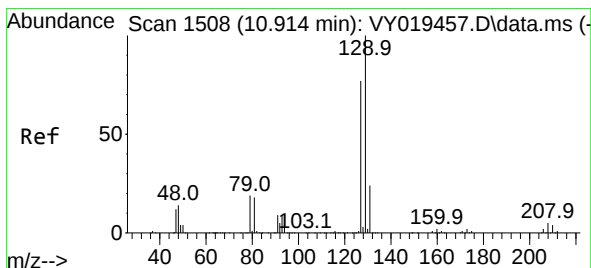
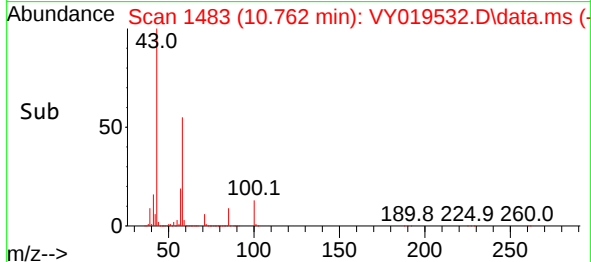
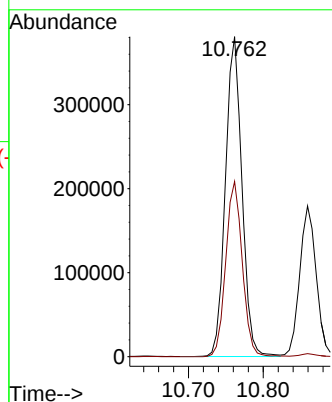
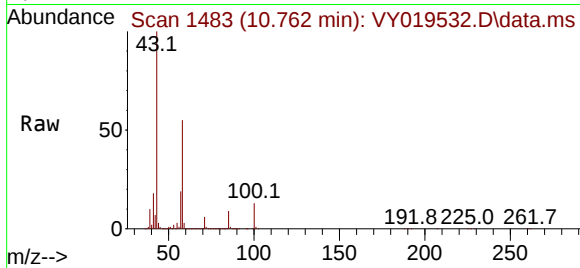




#59
2-Hexanone
Concen: 245.830 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

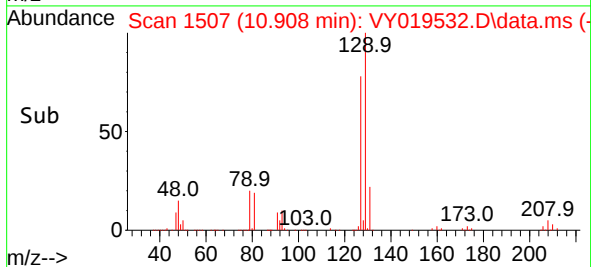
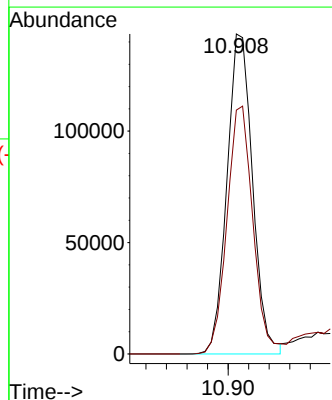
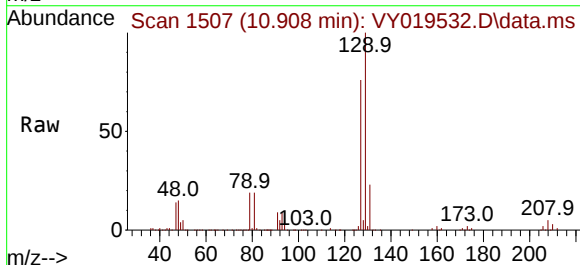
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 586092
Ion Ratio Lower Upper
43 100
58 54.9 31.4 94.0



#60
Dibromochloromethane
Concen: 54.942 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 129 Resp: 248175
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0

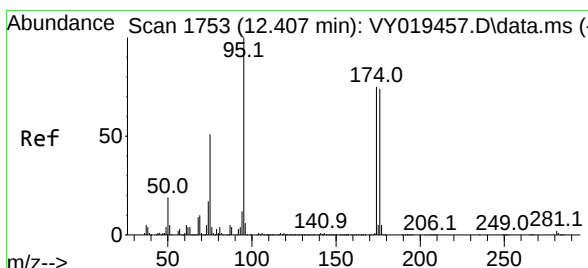
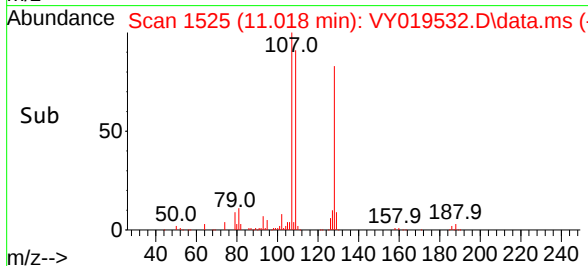
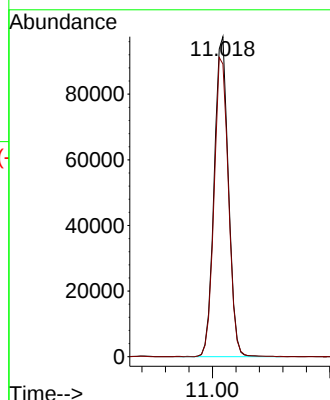
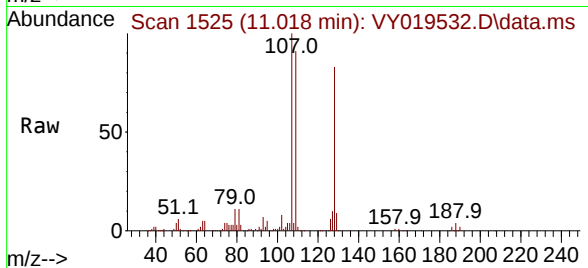




#61
1,2-Dibromoethane
Concen: 51.488 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

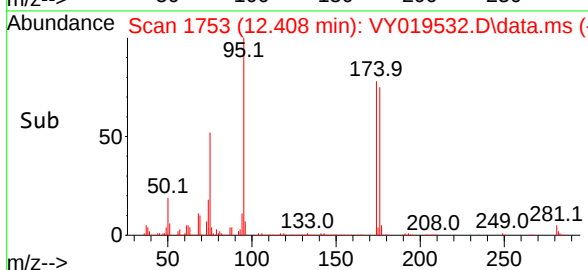
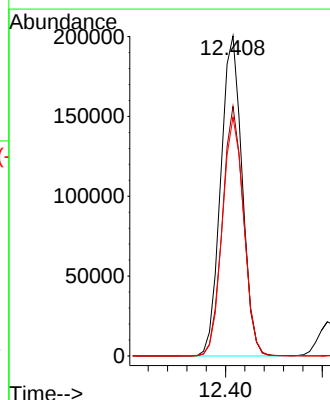
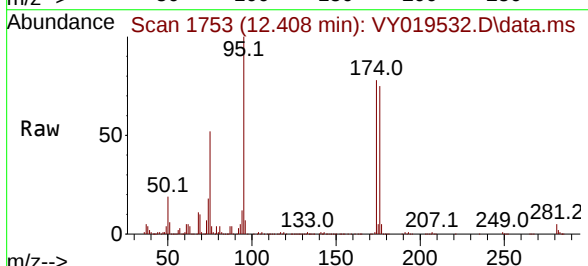
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

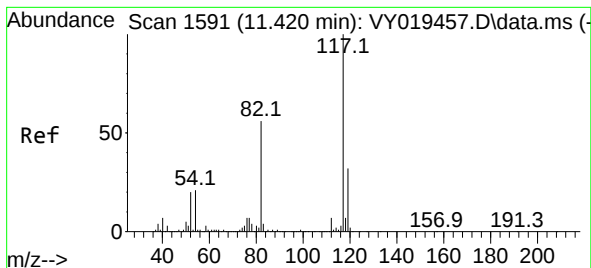
Tgt Ion:107 Resp: 163814
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 95 Resp: 307751
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 74.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

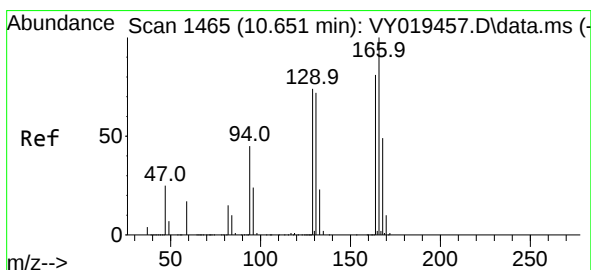
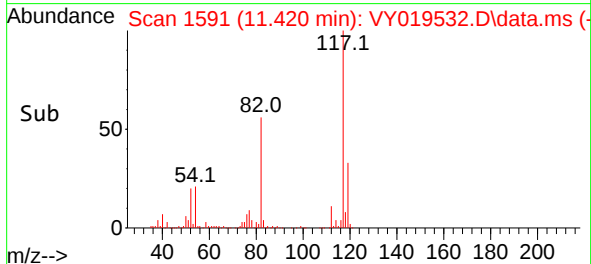
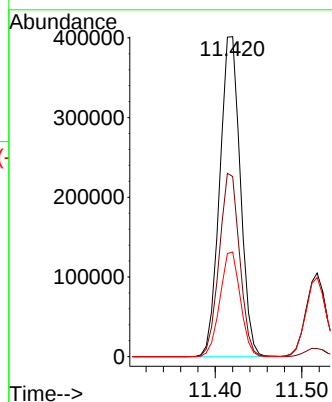
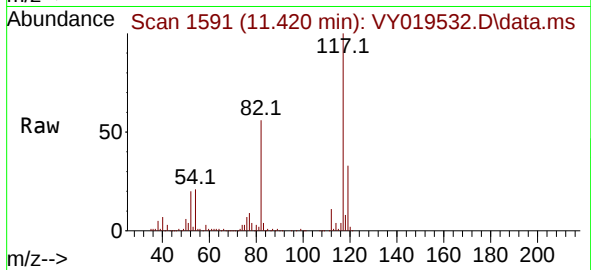
Tgt Ion:117 Resp: 664736

Ion Ratio Lower Upper

117 100

82 56.3 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 53.955 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Tgt Ion:164 Resp: 222100

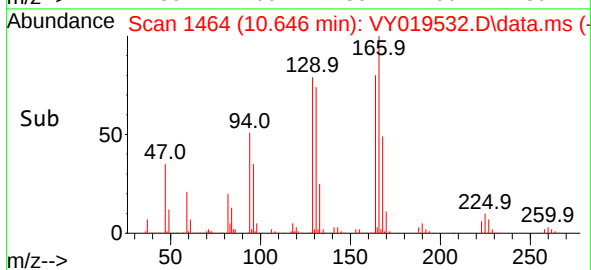
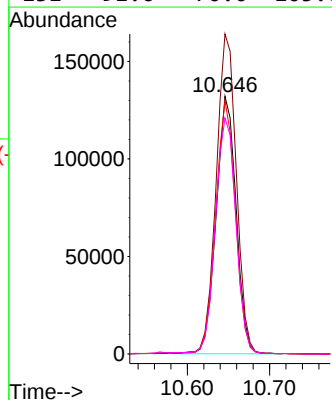
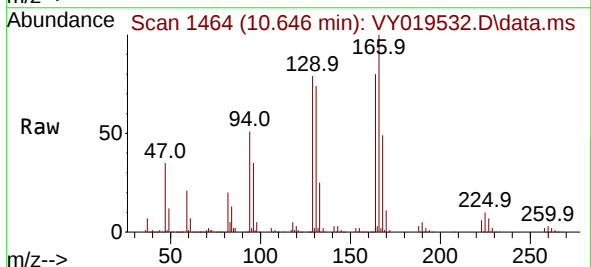
Ion Ratio Lower Upper

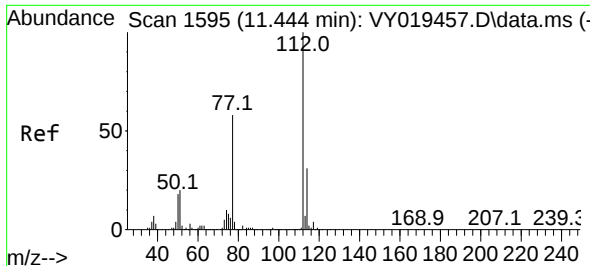
164 100

166 124.2 102.6 154.0

129 98.2 72.0 108.0

131 91.6 70.0 105.0

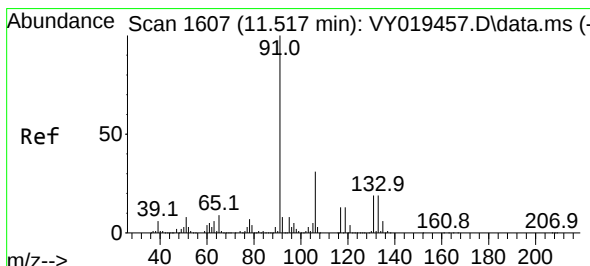
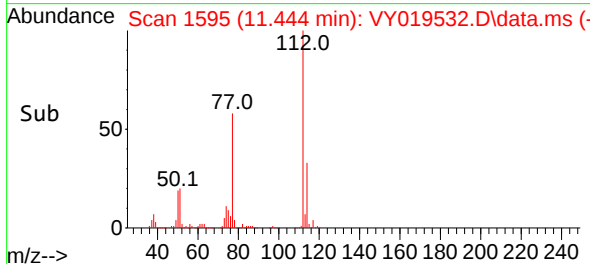
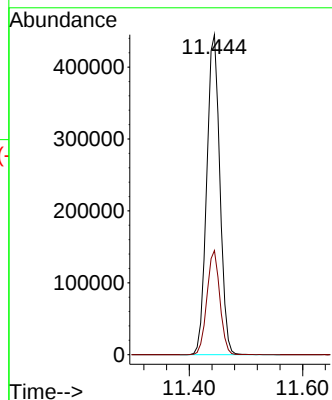
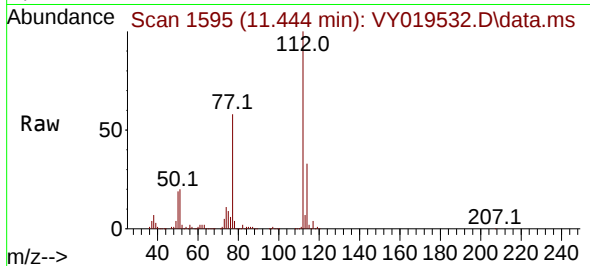




#65
Chlorobenzene
Concen: 54.618 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

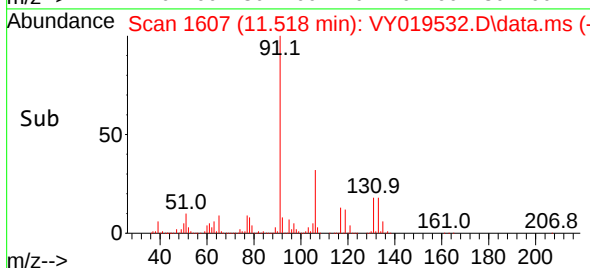
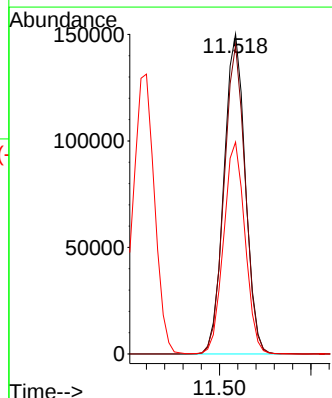
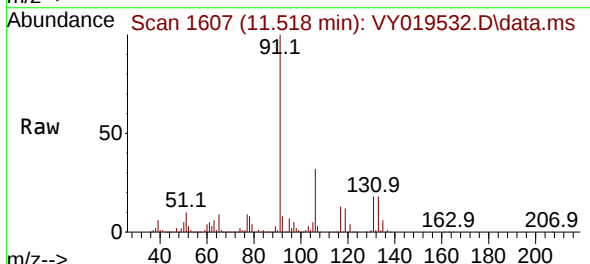
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

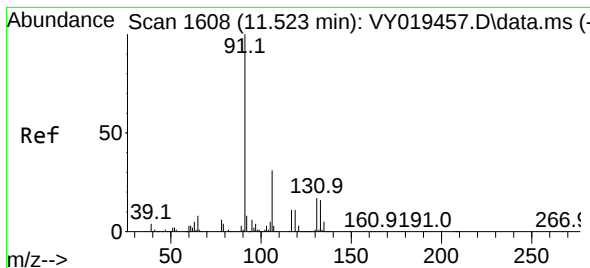
Tgt Ion:112 Resp: 714168
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.796 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:131 Resp: 243548
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 54.762 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

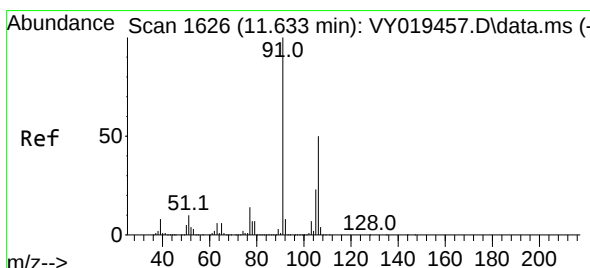
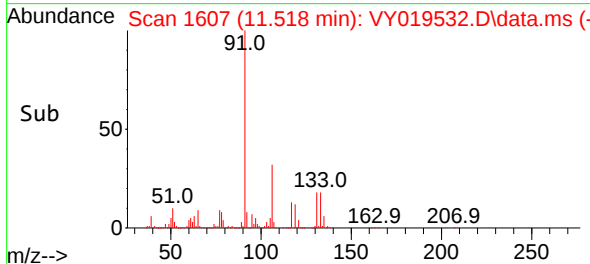
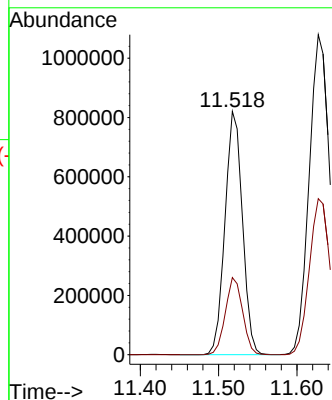
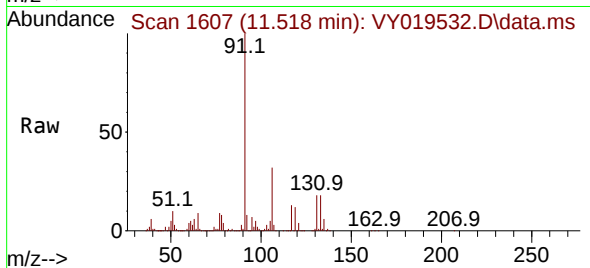
VSTDCCC050

Tgt Ion: 91 Resp: 1272315

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 109.244 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019532.D

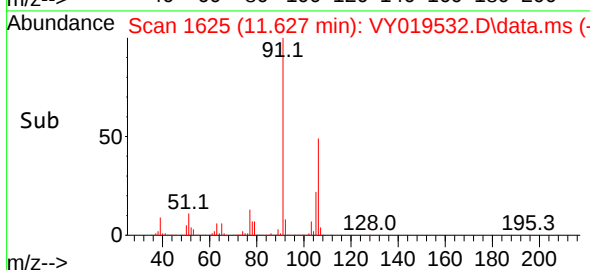
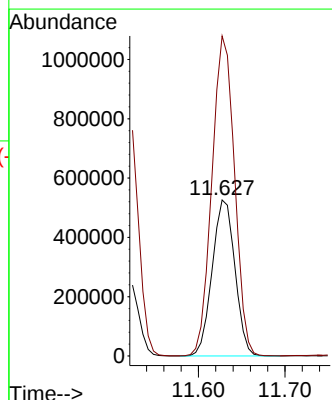
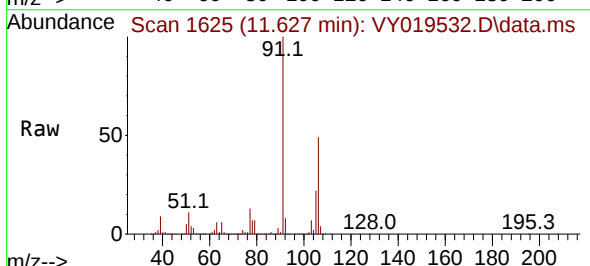
Acq: 13 Sep 2024 10:30

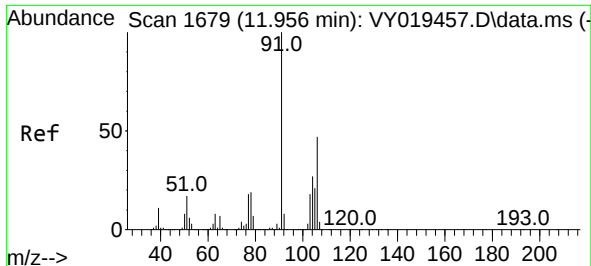
Tgt Ion:106 Resp: 959718

Ion Ratio Lower Upper

106 100

91 203.9 156.0 234.0

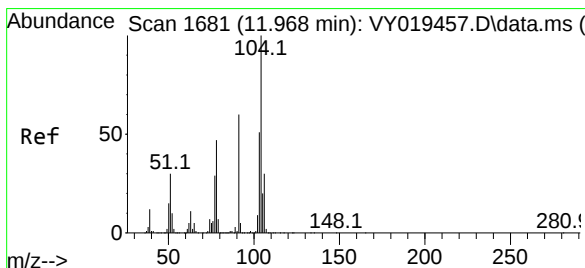
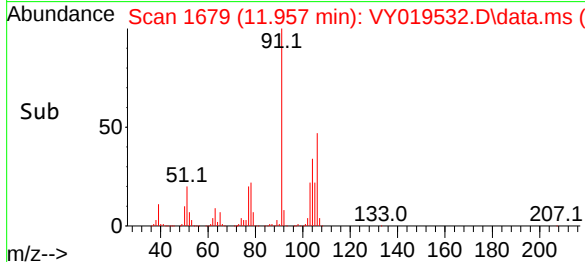
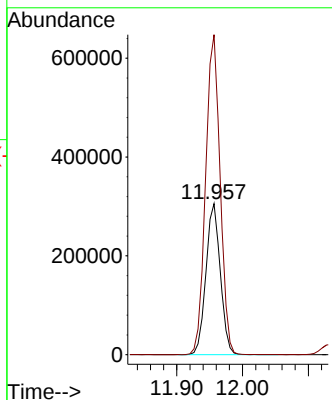
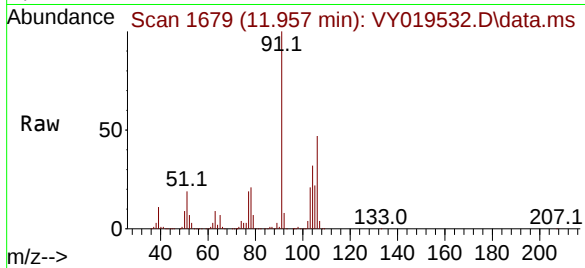




#69
o-Xylene
Concen: 53.980 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

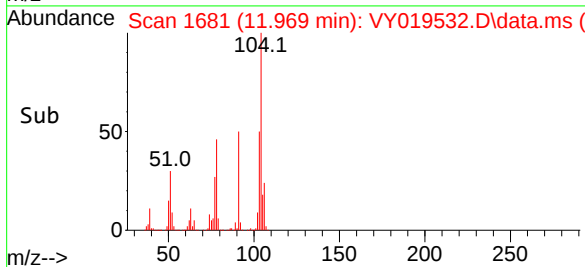
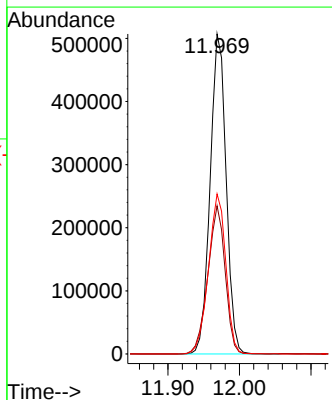
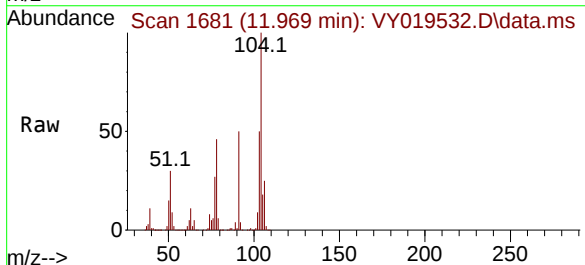
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

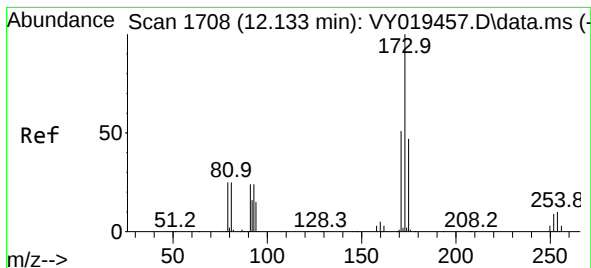
Tgt Ion:106 Resp: 463773
Ion Ratio Lower Upper
106 100
91 214.5 103.6 310.8



#70
Styrene
Concen: 54.280 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:104 Resp: 787378
Ion Ratio Lower Upper
104 100
78 50.0 37.0 55.4
103 54.2 44.2 66.2





#71

Bromoform

Concen: 52.176 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

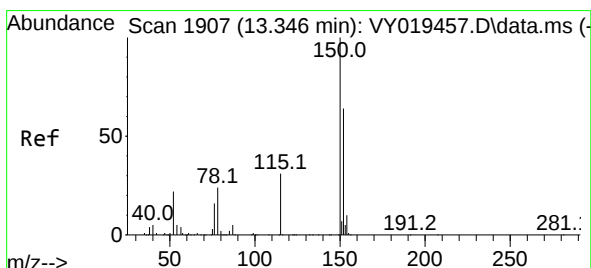
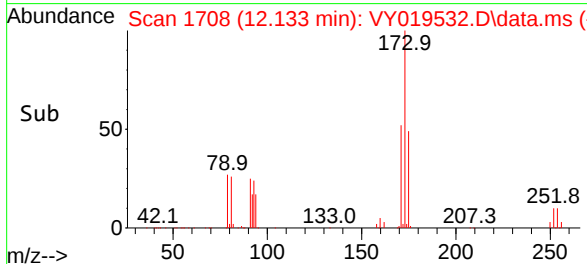
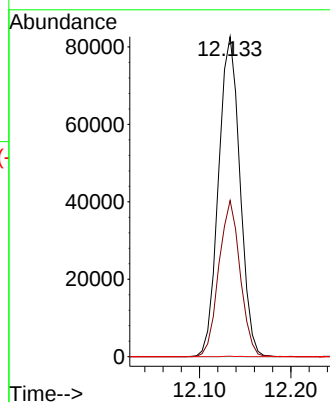
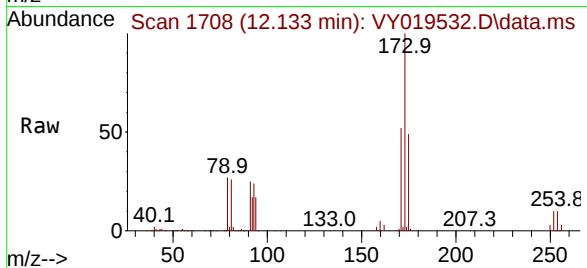
Tgt Ion:173 Resp: 134917

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

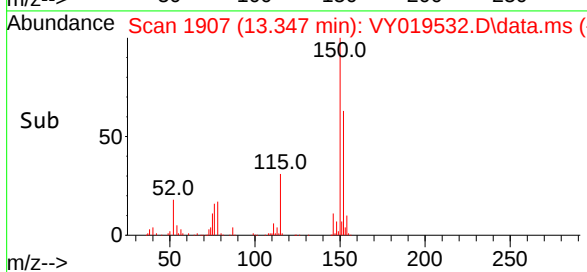
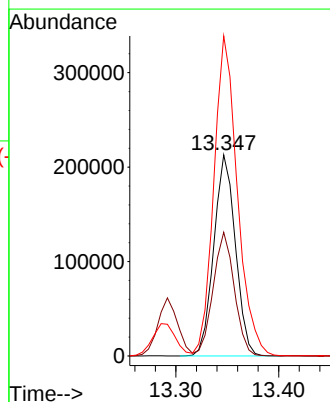
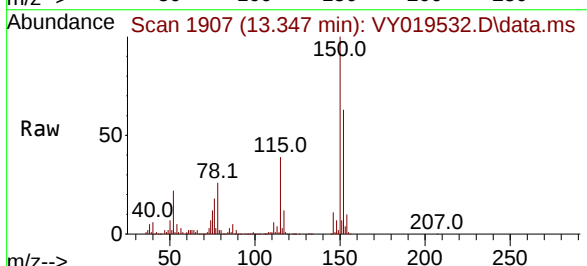
Tgt Ion:152 Resp: 310597

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 173.4 0.0 345.6





#73

Isopropylbenzene

Concen: 54.884 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

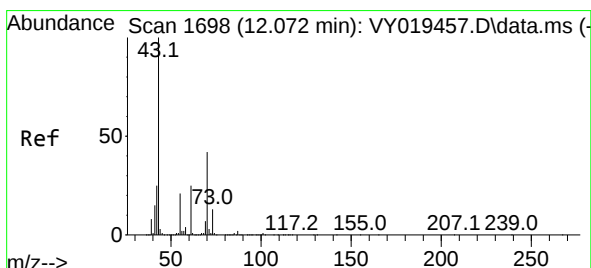
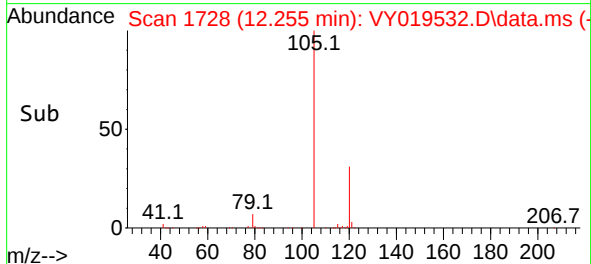
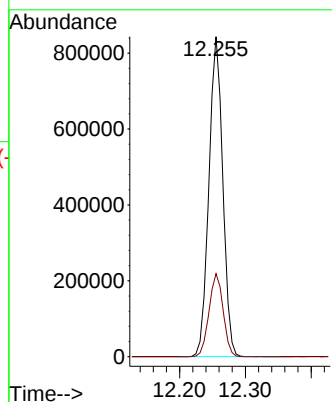
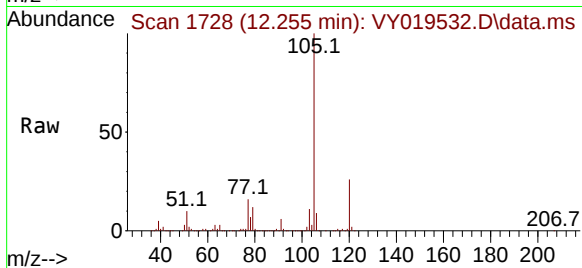
VSTDCCC050

Tgt Ion:105 Resp: 1236700

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 49.665 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Tgt Ion: 43 Resp: 304358

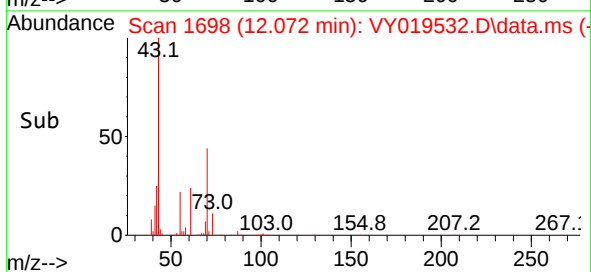
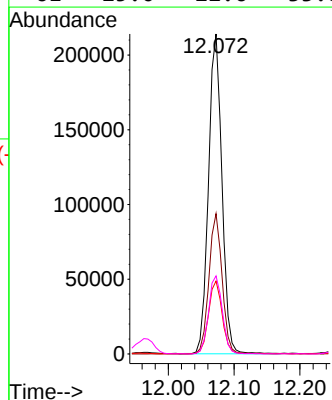
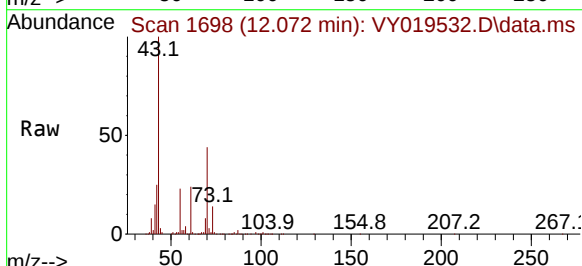
Ion Ratio Lower Upper

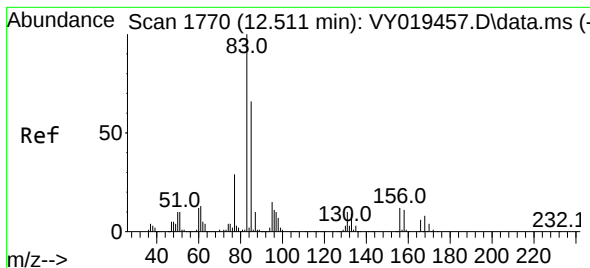
43 100

70 43.0 41.4 62.2

55 23.1 23.3 34.9#

61 25.0 22.6 33.8

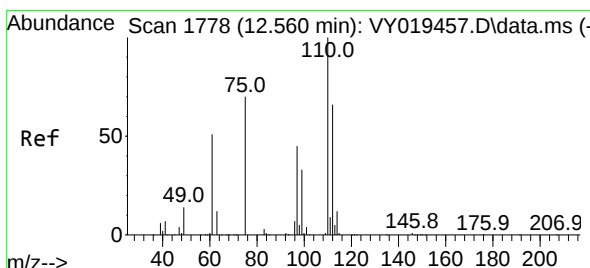
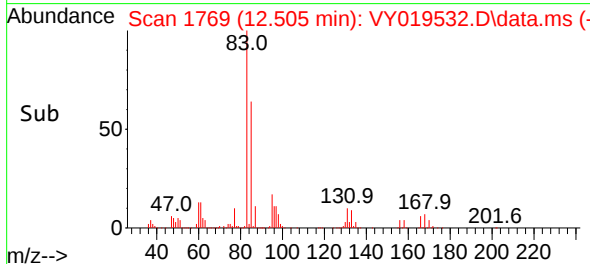
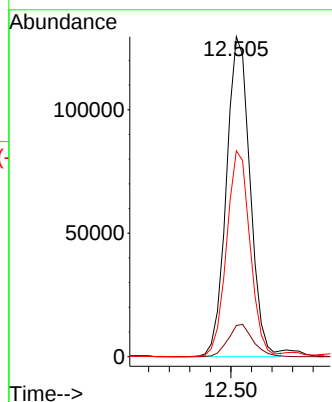
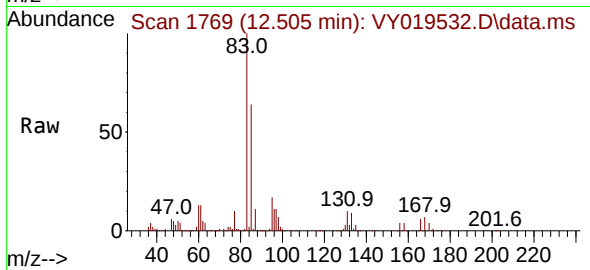




#75
1,1,2,2-Tetrachloroethane
Concen: 51.786 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

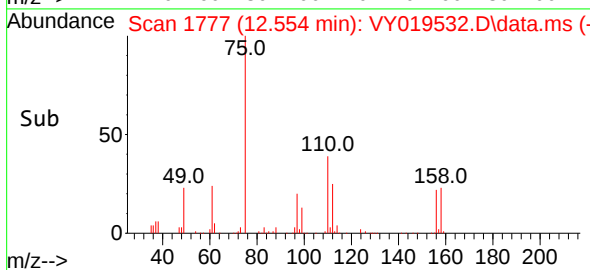
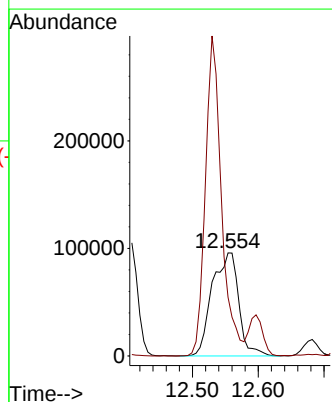
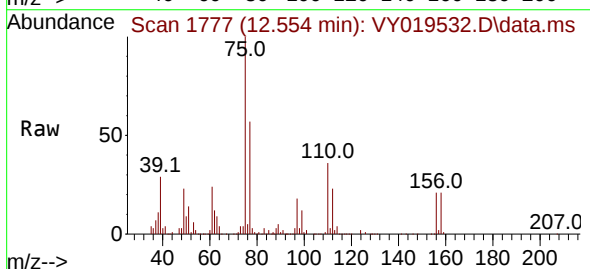
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

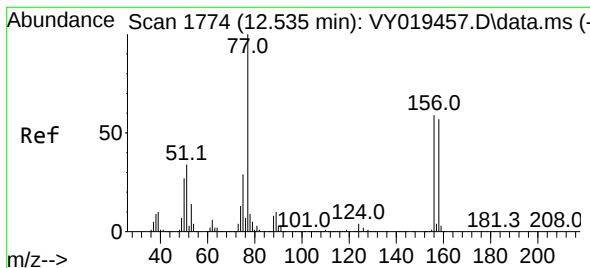
Tgt Ion: 83 Resp: 207115
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 92.552 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 75 Resp: 269438
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.371 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

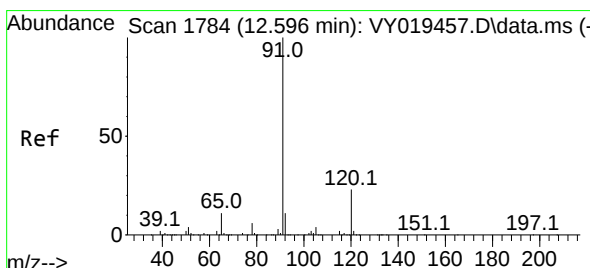
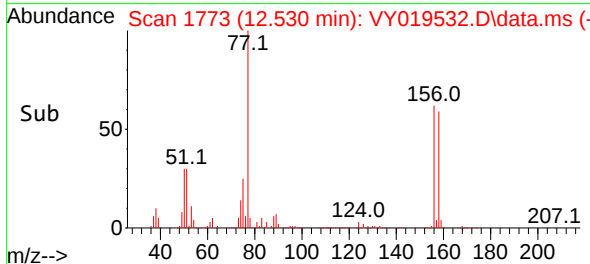
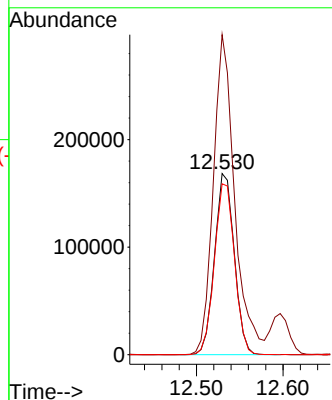
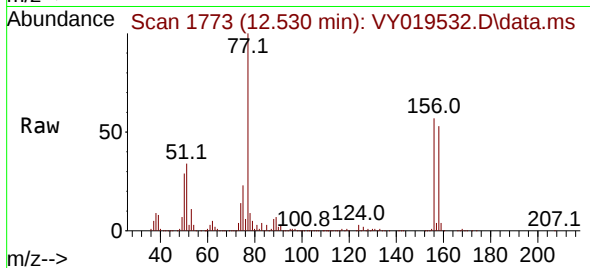
Tgt Ion:156 Resp: 266719

Ion Ratio Lower Upper

156 100

77 191.3 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 55.031 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019532.D

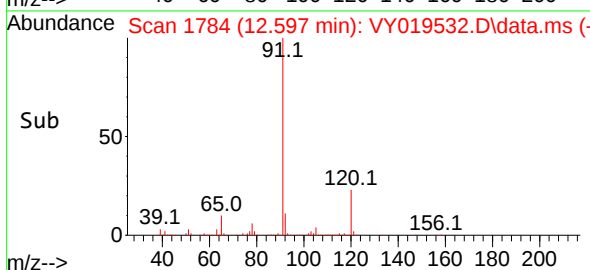
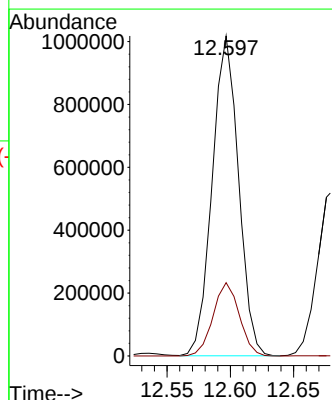
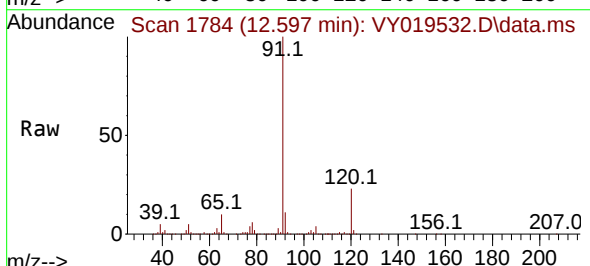
Acq: 13 Sep 2024 10:30

Tgt Ion: 91 Resp: 1469738

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

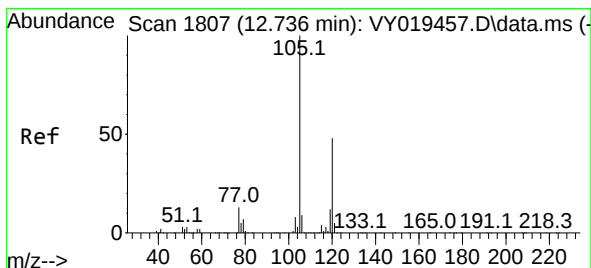
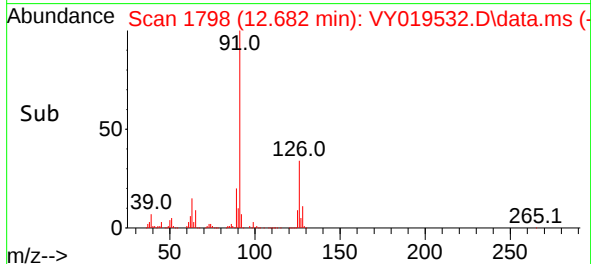
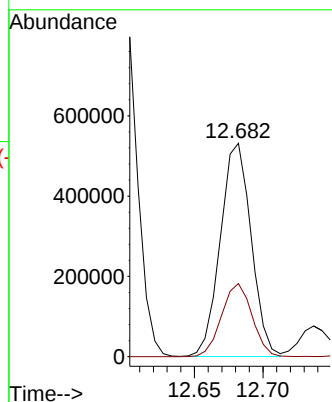
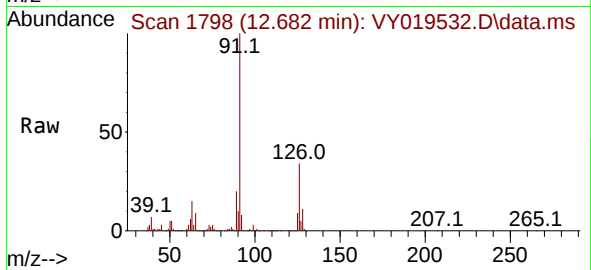




#79
2-Chlorotoluene
Concen: 53.457 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

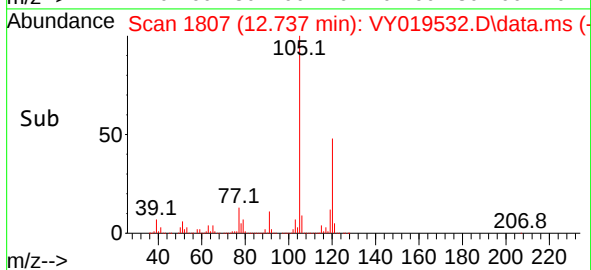
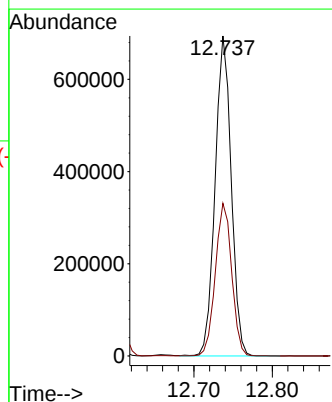
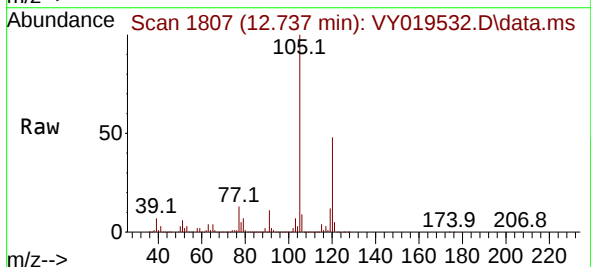
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

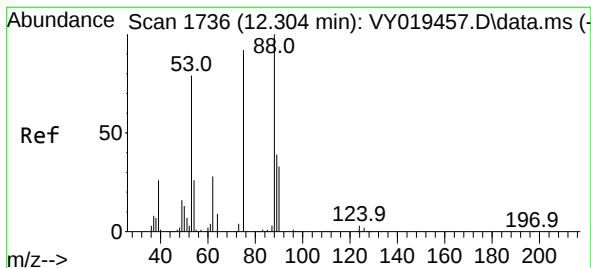
Tgt Ion: 91 Resp: 832034
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 54.114 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 105 Resp: 991276
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2

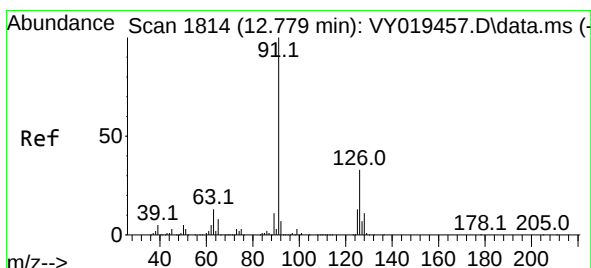
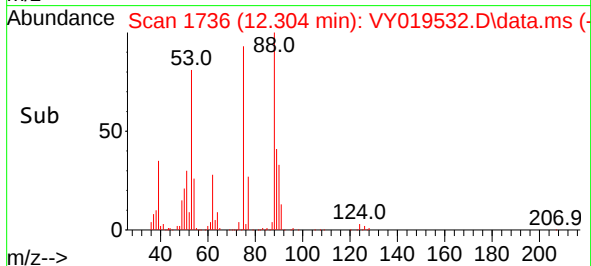
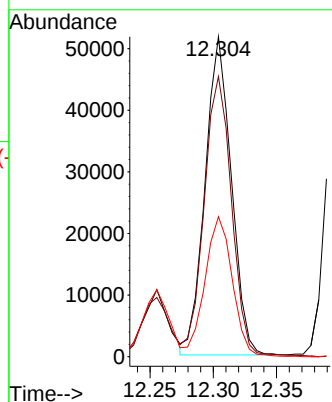
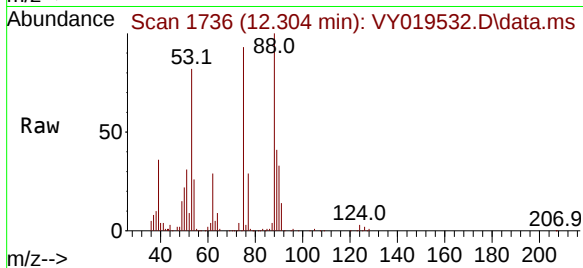




#81
trans-1,4-Dichloro-2-butene
Concen: 49.259 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

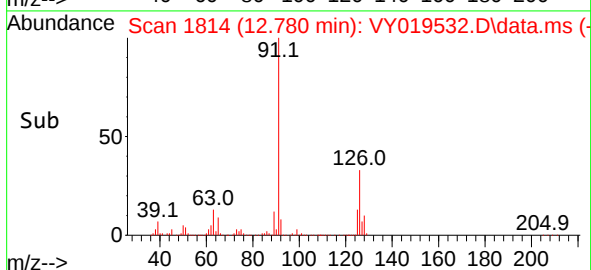
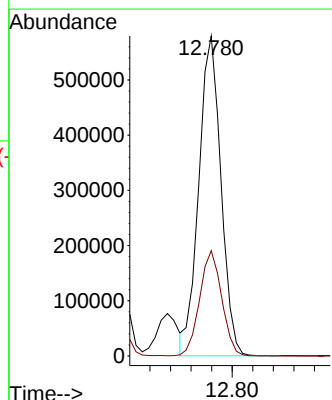
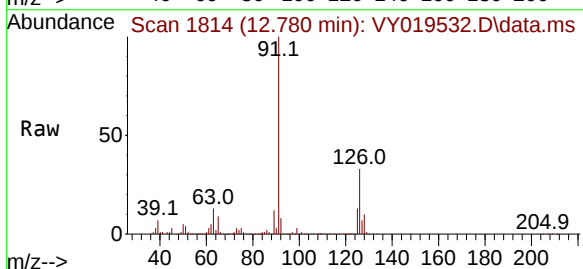
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 74700
Ion Ratio Lower Upper
75 100
53 92.2 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 54.180 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 91 Resp: 866953
Ion Ratio Lower Upper
91 100
126 32.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.923 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

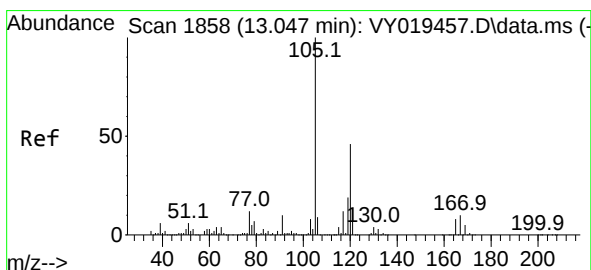
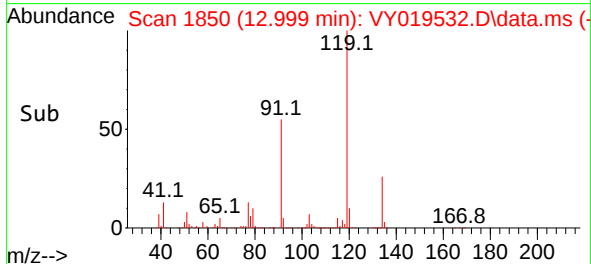
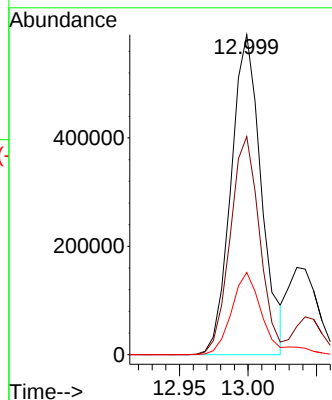
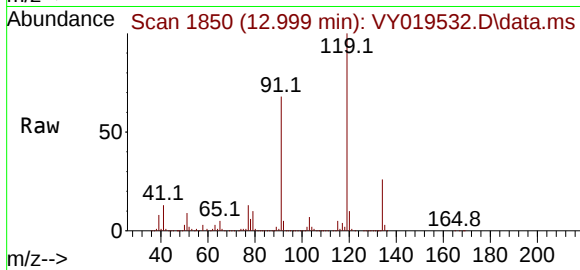
Tgt Ion:119 Resp: 910804

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.116 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019532.D

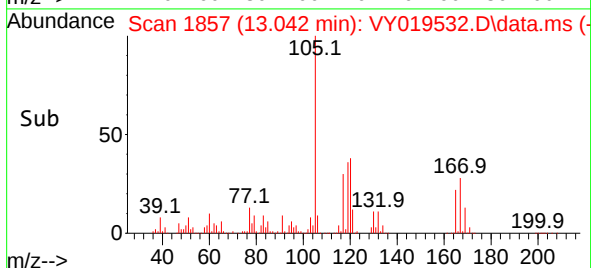
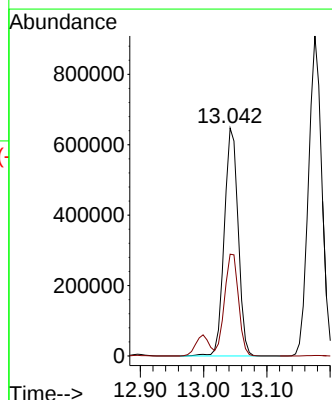
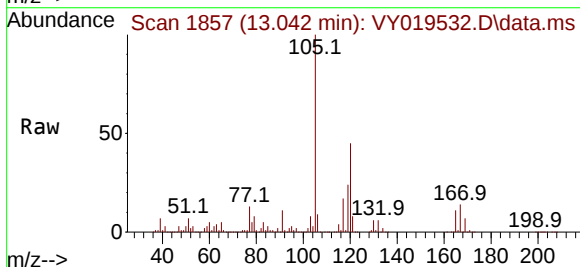
Acq: 13 Sep 2024 10:30

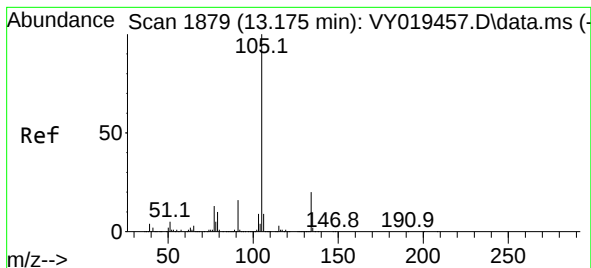
Tgt Ion:105 Resp: 981273

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.015 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

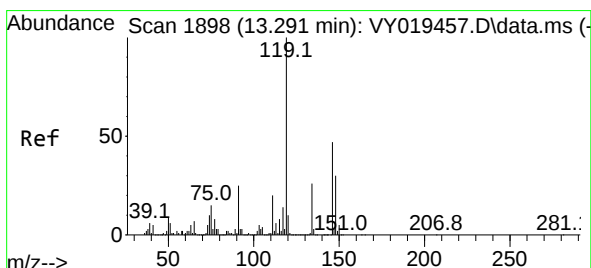
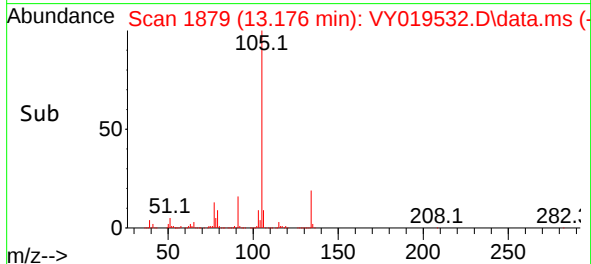
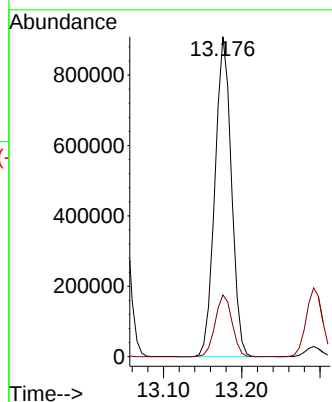
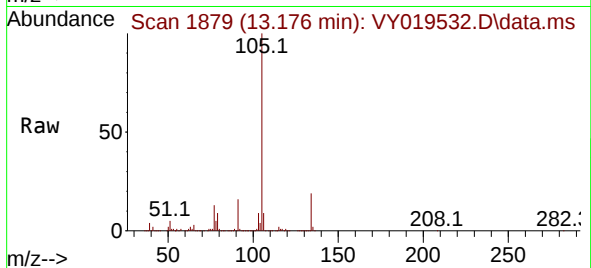
VSTDCCC050

Tgt Ion:105 Resp: 1325364

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.681 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

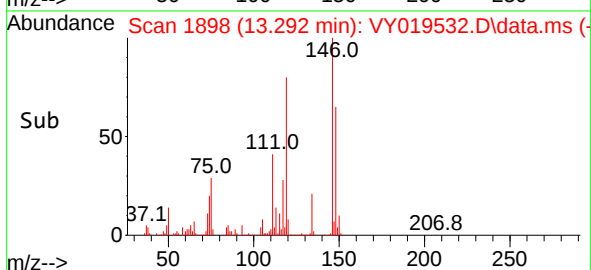
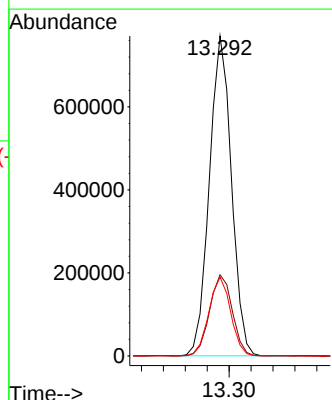
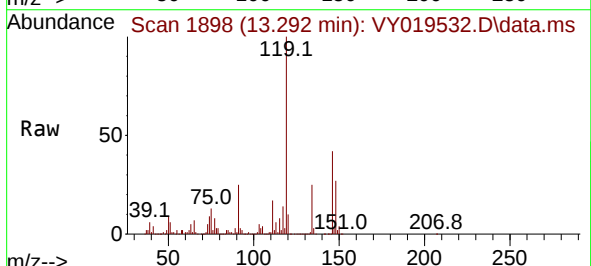
Tgt Ion:119 Resp: 1077787

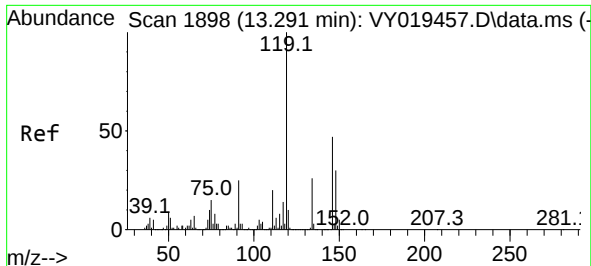
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.069 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

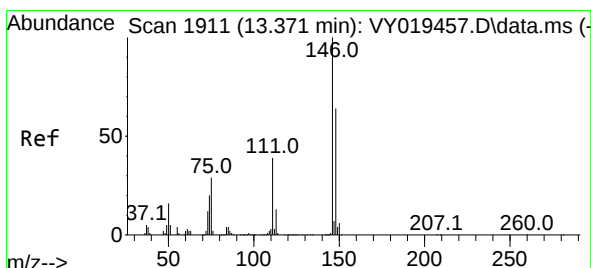
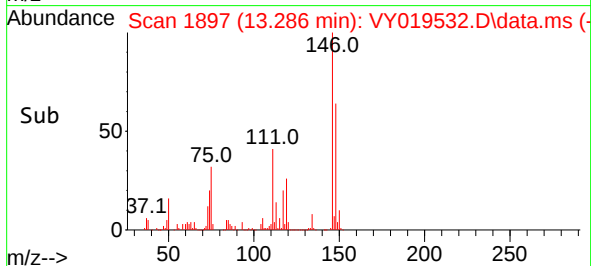
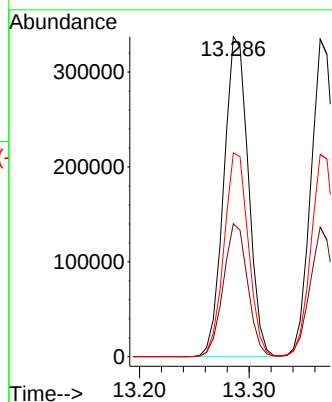
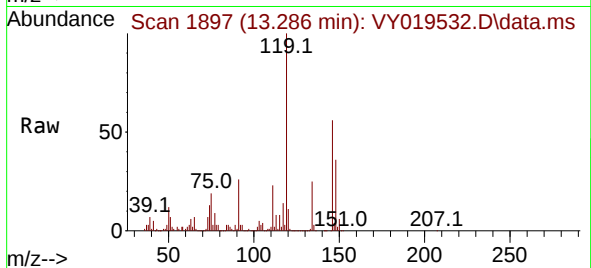
Tgt Ion:146 Resp: 525048

Ion Ratio Lower Upper

146 100

111 41.2 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.240 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

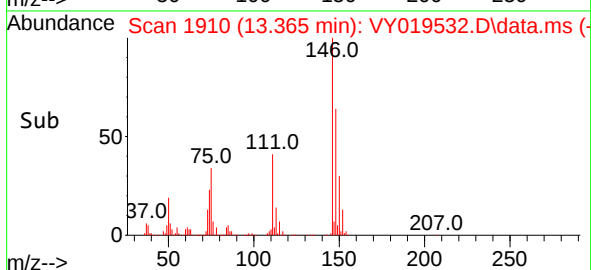
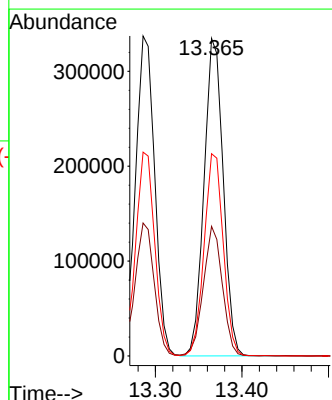
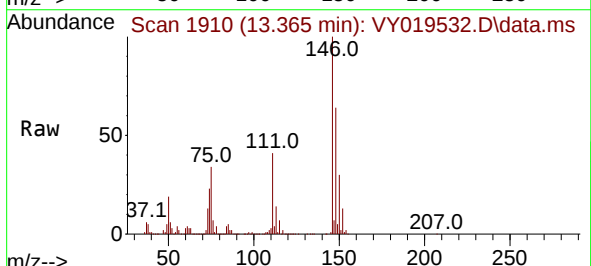
Tgt Ion:146 Resp: 513081

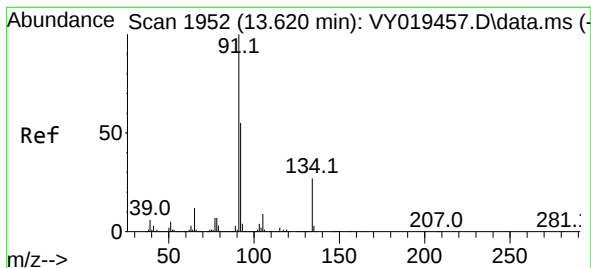
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 54.545 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

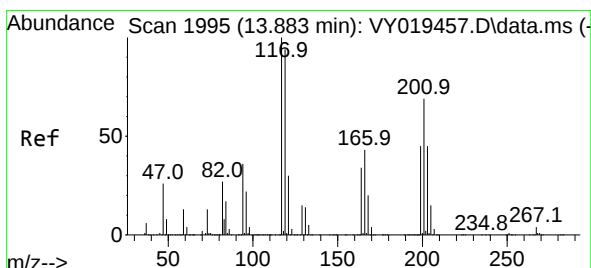
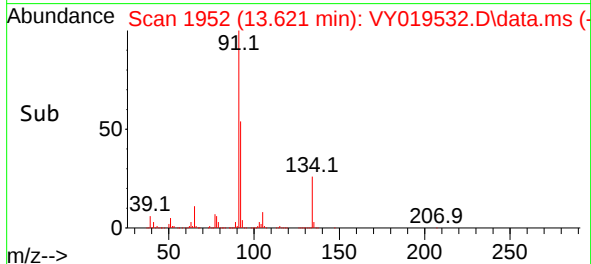
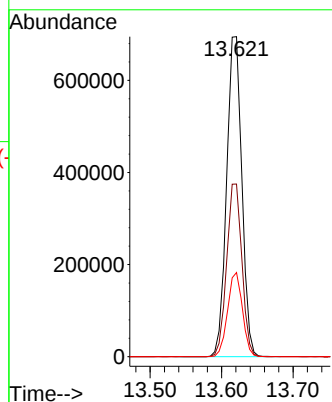
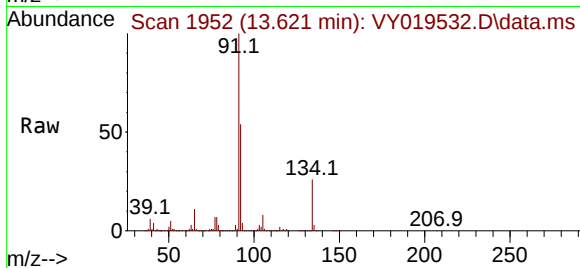
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1027790

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.7
134	25.6	12.9	38.7



#90

Hexachloroethane

Concen: 53.695 ug/l

RT: 13.877 min Scan# 1994

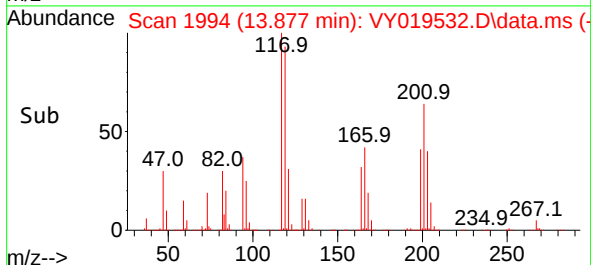
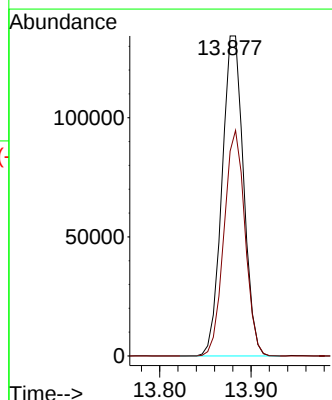
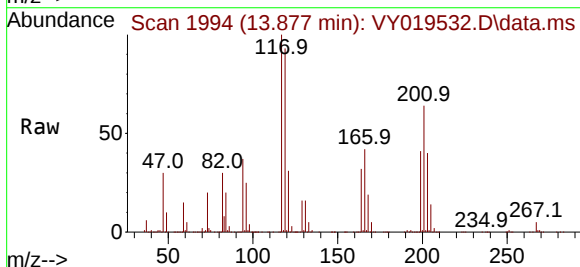
Delta R.T. -0.006 min

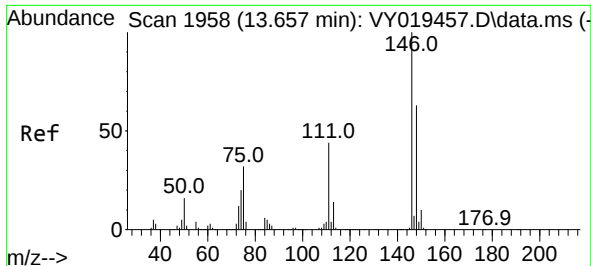
Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Tgt Ion: 117 Resp: 220212

Ion	Ratio	Lower	Upper
117	100		
201	68.6	37.4	112.2

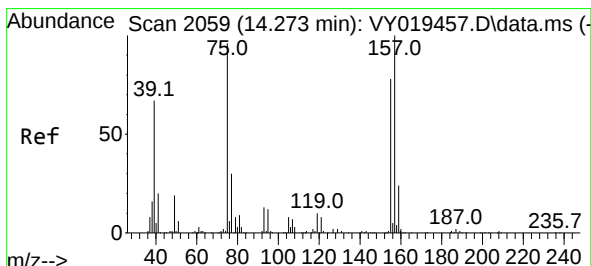
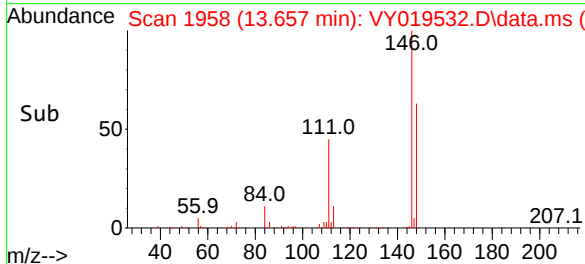
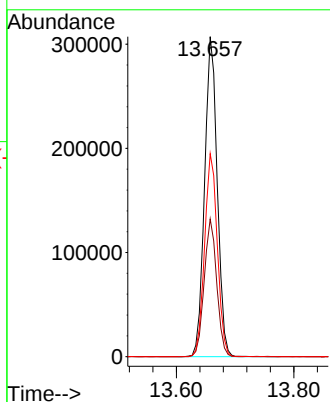
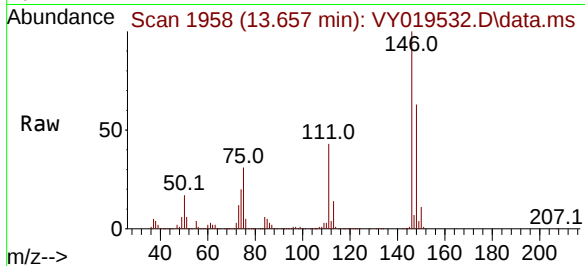




#91
1,2-Dichlorobenzene
Concen: 52.965 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

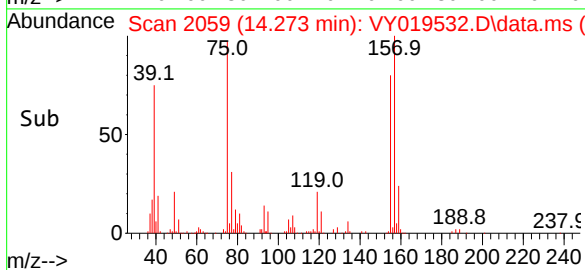
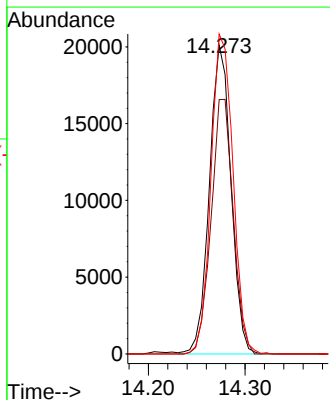
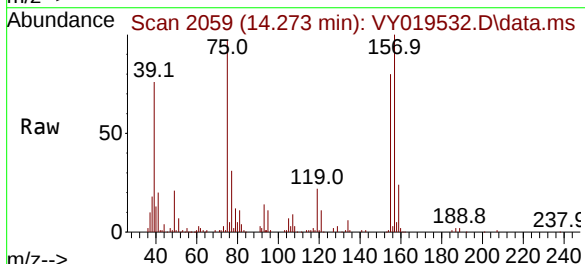
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

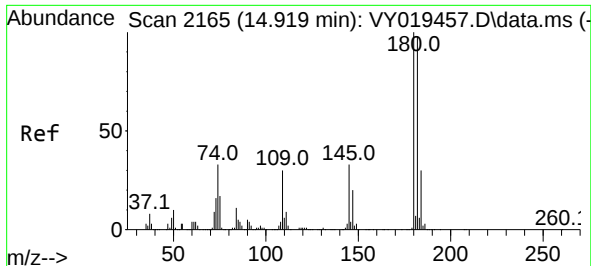
Tgt Ion:146 Resp: 458964
Ion Ratio Lower Upper
146 100
111 42.5 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.863 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion: 75 Resp: 31237
Ion Ratio Lower Upper
75 100
155 84.2 48.6 145.8
157 105.3 62.7 188.2

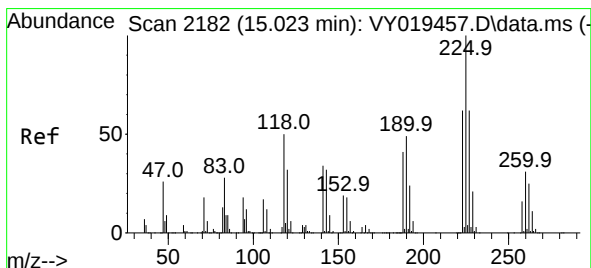
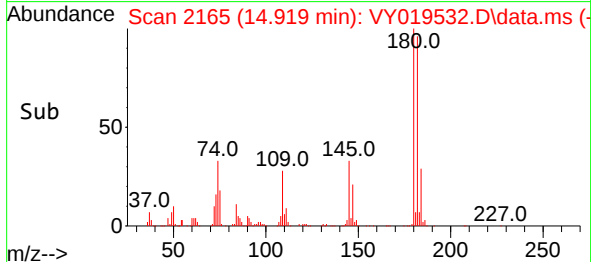
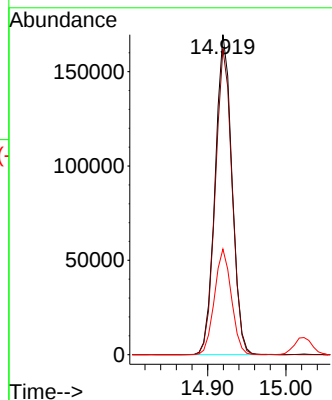
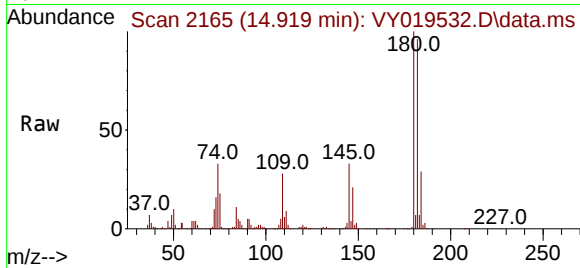




#93
1,2,4-Trichlorobenzene
Concen: 48.148 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

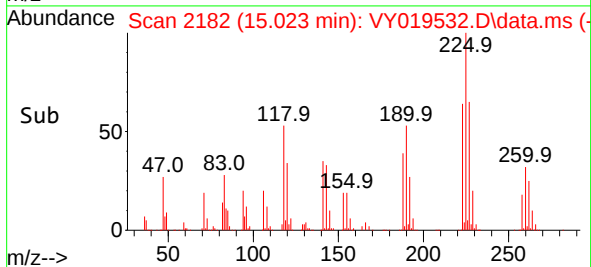
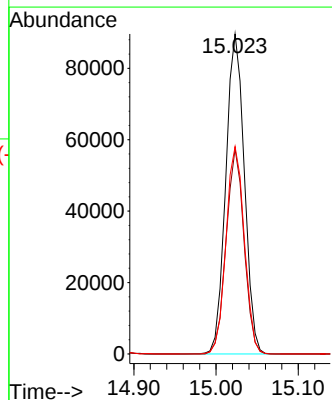
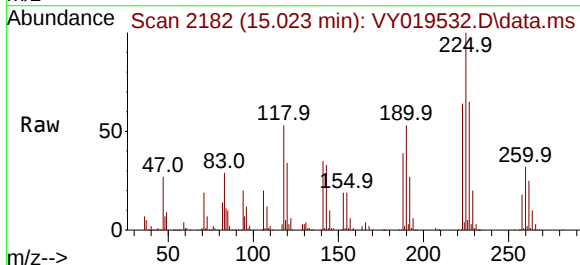
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

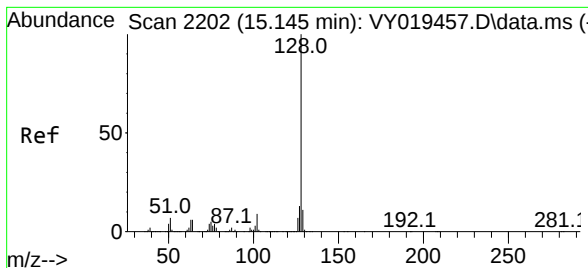
Tgt Ion:180 Resp: 253759
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 33.0 14.2 42.6



#94
Hexachlorobutadiene
Concen: 49.885 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY019532.D
Acq: 13 Sep 2024 10:30

Tgt Ion:225 Resp: 140453
Ion Ratio Lower Upper
225 100
223 61.7 30.4 91.2
227 63.9 31.9 95.9





#95

Naphthalene

Concen: 45.657 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

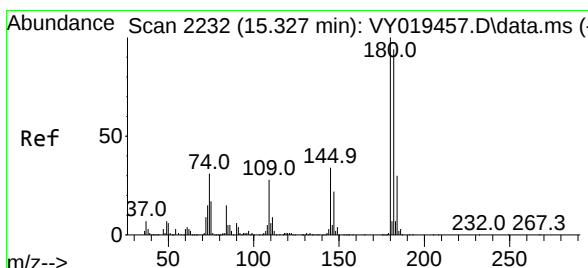
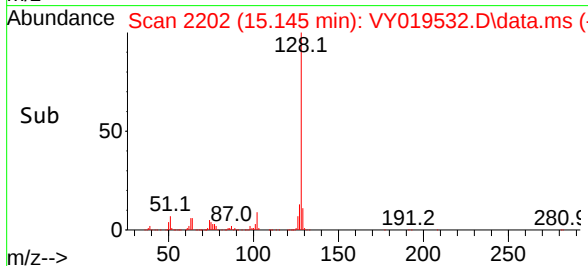
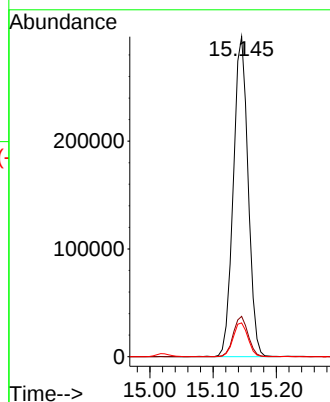
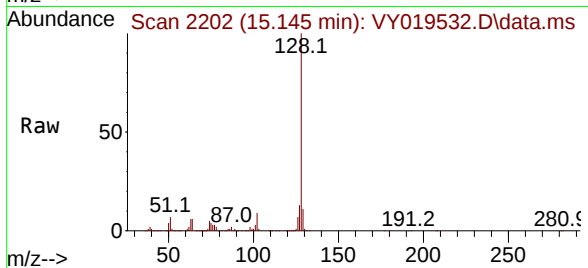
Tgt Ion:128 Resp: 481886

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.947 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019532.D

Acq: 13 Sep 2024 10:30

Tgt Ion:180 Resp: 211643

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 33.9 15.4 46.1

