

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021375.D
 Acq On : 28 Feb 2025 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 22:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	170466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	255493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	113605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96586	49.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.900%
35) Dibromofluoromethane	7.634	113	89708	53.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.120%
50) Toluene-d8	10.109	98	339126	52.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.408	95	112745	51.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.500%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	75054	46.438	ug/l 96
3) Chloromethane	2.074	50	96481	46.223	ug/l 98
4) Vinyl Chloride	2.208	62	105085	51.293	ug/l 97
5) Bromomethane	2.598	94	70059	51.460	ug/l 98
6) Chloroethane	2.739	64	68130	53.626	ug/l 98
7) Trichlorofluoromethane	3.062	101	159574	51.575	ug/l 98
8) Diethyl Ether	3.458	74	45896	49.423	ug/l 96
9) 1,1,2-Trichlorotrifluo...	3.818	101	87137	48.644	ug/l 99
10) Methyl Iodide	4.007	142	102242	54.252	ug/l 100
11) Tert butyl alcohol	4.860	59	28013	188.331	ug/l 99
12) 1,1-Dichloroethene	3.793	96	82975	48.376	ug/l 96
13) Acrolein	3.647	56	5316	46.638	ug/l 96
14) Allyl chloride	4.391	41	138693	45.608	ug/l 95
15) Acrylonitrile	5.061	53	96955	236.139	ug/l 99
16) Acetone	3.867	43	112372	302.934	ug/l 100
17) Carbon Disulfide	4.110	76	270242	47.448	ug/l 99
18) Methyl Acetate	4.385	43	42108	46.449	ug/l 94
19) Methyl tert-butyl Ether	5.116	73	222369	49.070	ug/l 98
20) Methylene Chloride	4.622	84	93282	46.504	ug/l 96
21) trans-1,2-Dichloroethene	5.116	96	93555	49.547	ug/l 93
22) Diisopropyl ether	6.019	45	301755	47.952	ug/l 99
23) Vinyl Acetate	5.964	43	896702	238.456	ug/l 100
24) 1,1-Dichloroethane	5.915	63	171936	48.476	ug/l 99
25) 2-Butanone	6.896	43	141900	253.463	ug/l 94
26) 2,2-Dichloropropane	6.890	77	157120	48.821	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	108215	50.189	ug/l 98
28) Bromochloromethane	7.244	49	78777	50.196	ug/l 97
29) Tetrahydrofuran	7.262	42	83194	227.342	ug/l 97
30) Chloroform	7.421	83	177778	49.466	ug/l 100
31) Cyclohexane	7.707	56	147922	43.387	ug/l 98
32) 1,1,1-Trichloroethane	7.616	97	162031	49.532	ug/l 99
36) 1,1-Dichloropropene	7.835	75	127843	50.810	ug/l 99
37) Ethyl Acetate	6.982	43	59548	47.578	ug/l 100
38) Carbon Tetrachloride	7.817	117	147719	52.223	ug/l 99
39) Methylcyclohexane	9.109	83	155039	48.718	ug/l 99
40) Benzene	8.079	78	379868	51.073	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34886	49.854	ug/l	97
42) 1,2-Dichloroethane	8.158	62	111336	52.760	ug/l	100
43) Isopropyl Acetate	8.201	43	117081	48.330	ug/l #	86
44) Trichloroethene	8.866	130	95880	51.489	ug/l	99
45) 1,2-Dichloropropane	9.146	63	90953	50.814	ug/l	99
46) Dibromomethane	9.231	93	50657	51.775	ug/l	98
47) Bromodichloromethane	9.426	83	137097	52.552	ug/l	97
48) Methyl methacrylate	9.225	41	55255	48.776	ug/l	94
49) 1,4-Dioxane	9.231	88	10744	987.591	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	309430	249.526	ug/l	100
52) Toluene	10.170	92	243944	52.795	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	124583	52.124	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	144293	51.138	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	64837	50.869	ug/l	97
56) Ethyl methacrylate	10.445	69	91017	51.680	ug/l	99
57) 1,3-Dichloropropane	10.719	76	115030	51.430	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	218026	257.917	ug/l	98
59) 2-Hexanone	10.762	43	214799	263.746	ug/l	99
60) Dibromochloromethane	10.914	129	92375	53.214	ug/l	100
61) 1,2-Dibromoethane	11.018	107	61490	50.958	ug/l	98
64) Tetrachloroethene	10.646	164	89648	52.180	ug/l	95
65) Chlorobenzene	11.444	112	262227	51.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	93678	52.434	ug/l	99
67) Ethyl Benzene	11.524	91	463868	51.326	ug/l	100
68) m/p-Xylenes	11.633	106	352476	103.688	ug/l	100
69) o-Xylene	11.957	106	164095	51.528	ug/l	99
70) Styrene	11.975	104	280622	52.962	ug/l	99
71) Bromoform	12.133	173	52761	51.622	ug/l #	98
73) Isopropylbenzene	12.255	105	438599	51.354	ug/l	99
74) N-amyl acetate	12.072	43	105812	48.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	74349	49.325	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	98690	86.789	ug/l #	100
77) Bromobenzene	12.536	156	103195	51.947	ug/l	95
78) n-propylbenzene	12.597	91	526975	50.847	ug/l	99
79) 2-Chlorotoluene	12.682	91	298498	50.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	357472	51.032	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	24043	46.995	ug/l	93
82) 4-Chlorotoluene	12.780	91	306178	49.658	ug/l	99
83) tert-Butylbenzene	12.999	119	314049	49.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	354550	50.892	ug/l	99
85) sec-Butylbenzene	13.176	105	460459	49.819	ug/l	100
86) p-Isopropyltoluene	13.292	119	389522	50.472	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	201633	51.311	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	194197	50.025	ug/l	100
89) n-Butylbenzene	13.621	91	364238	50.152	ug/l	99
90) Hexachloroethane	13.883	117	78439	48.657	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	173292	50.334	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11525	48.334	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	101991	48.537	ug/l	99
94) Hexachlorobutadiene	15.029	225	65020	49.149	ug/l	99
95) Naphthalene	15.151	128	168433	48.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	83821	47.212	ug/l	99

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QLast Update : Wed Feb 26 02:09:13 2025
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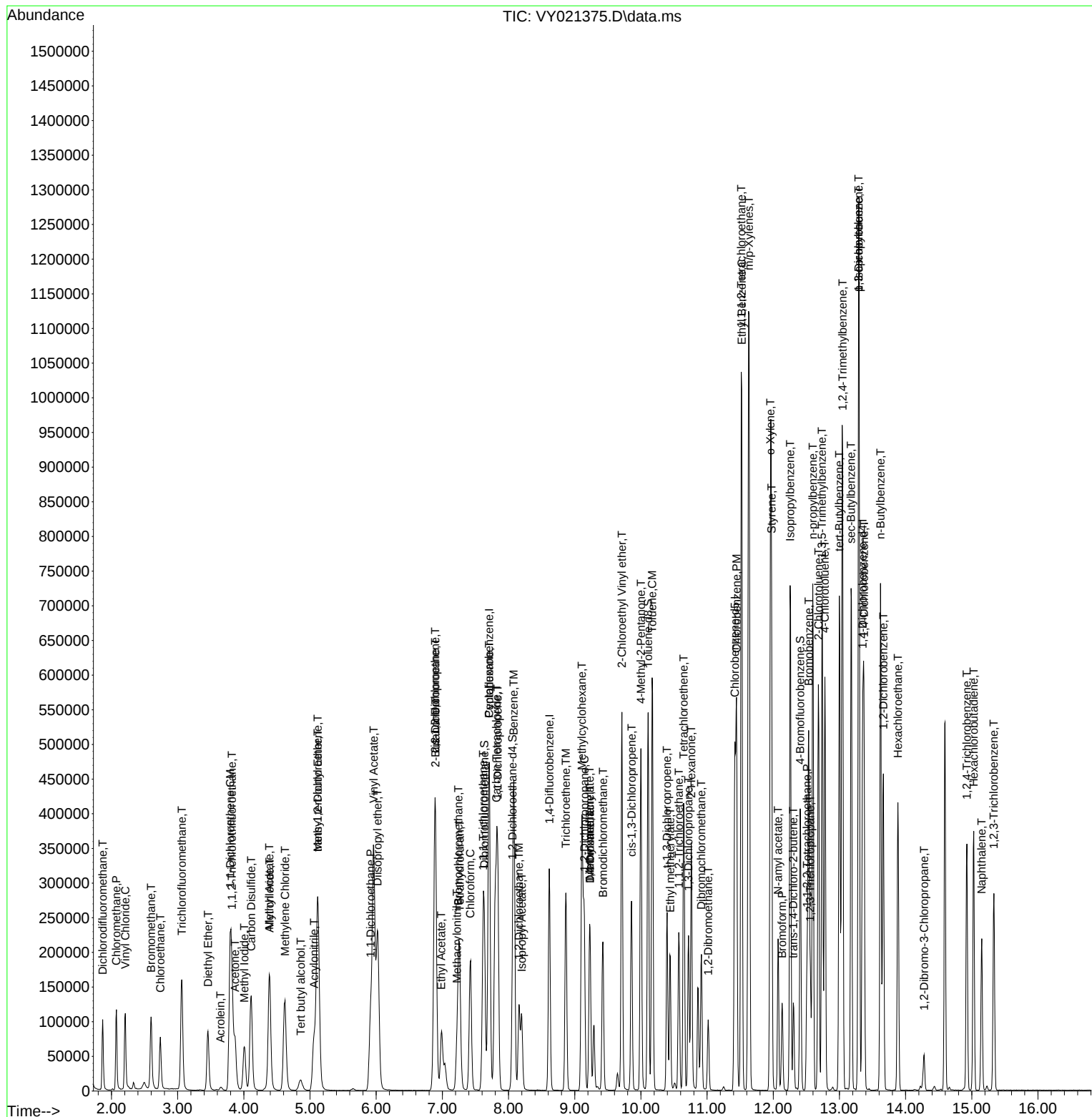
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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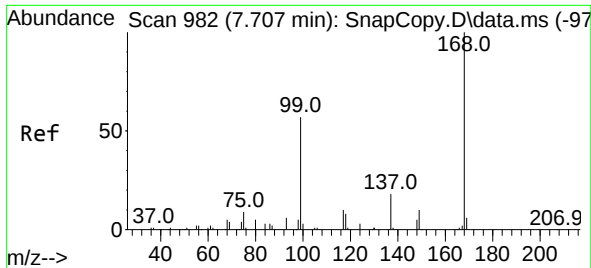
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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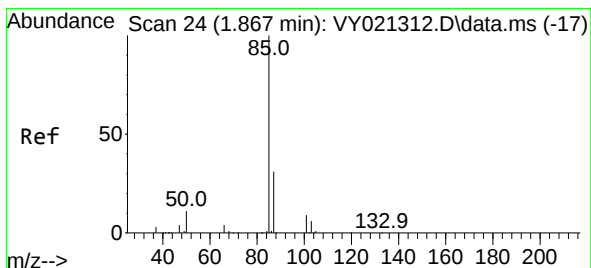
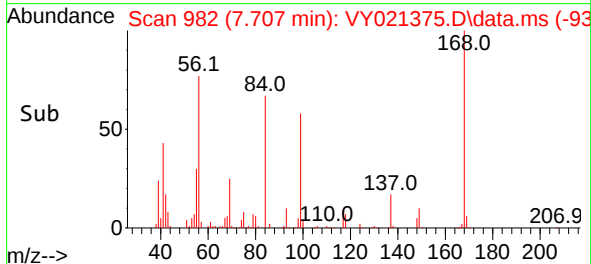
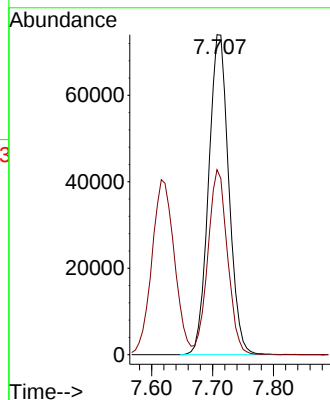
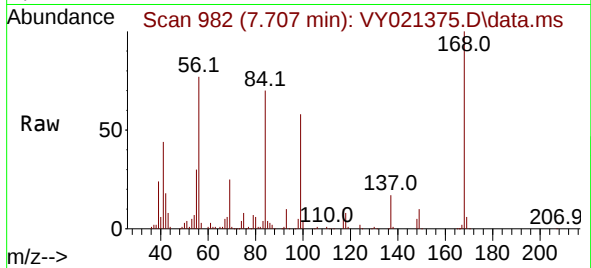




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021375.D
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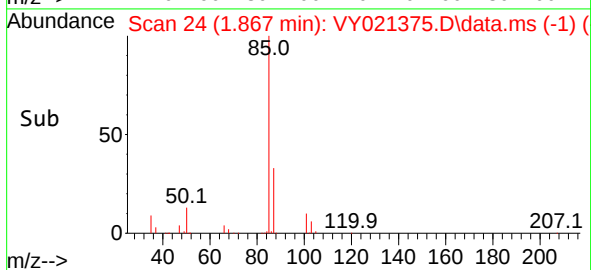
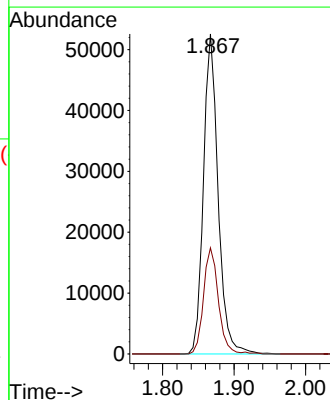
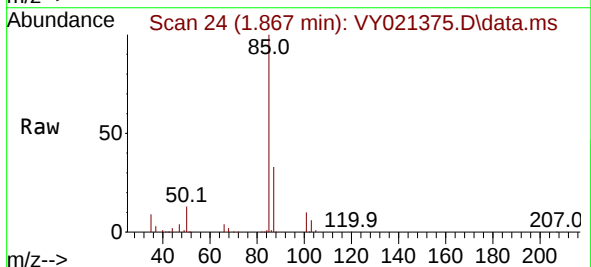
Instrument :
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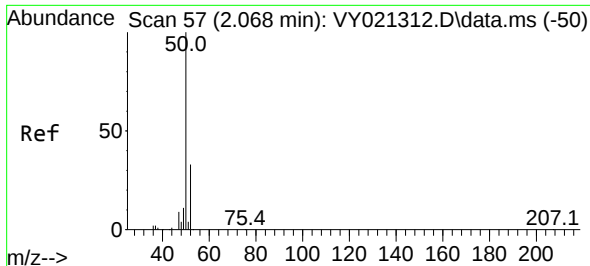
Tgt Ion:168 Resp: 170466
Ion Ratio Lower Upper
168 100
99 57.8 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 46.438 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 85 Resp: 75054
Ion Ratio Lower Upper
85 100
87 33.2 15.4 46.4

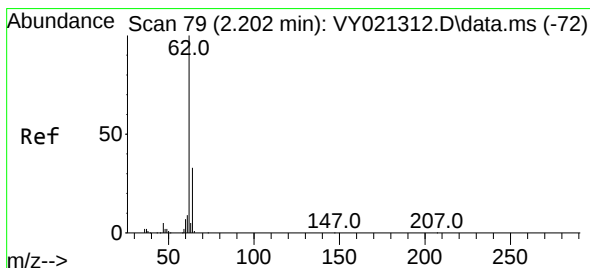
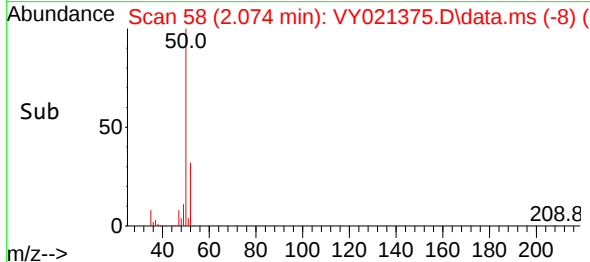
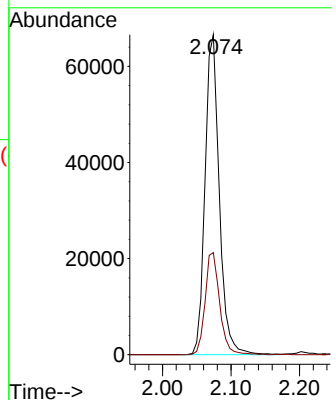
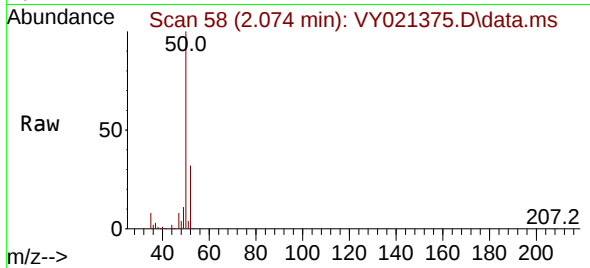




#3
Chloromethane
Concen: 46.223 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

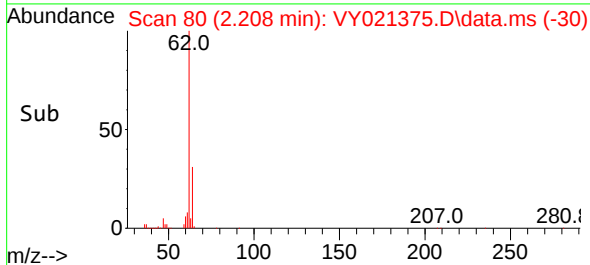
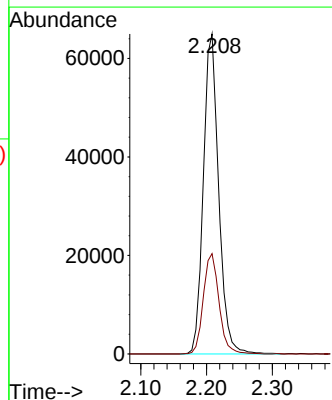
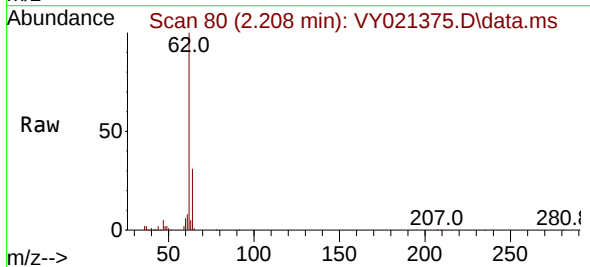
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 96481
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 51.293 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 62 Resp: 105085
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5

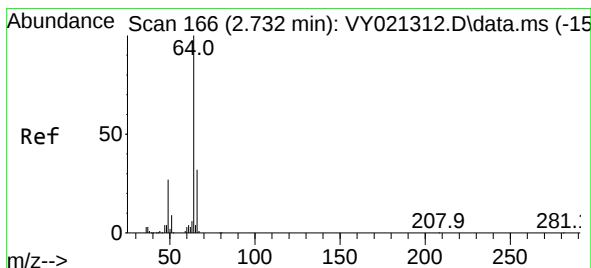
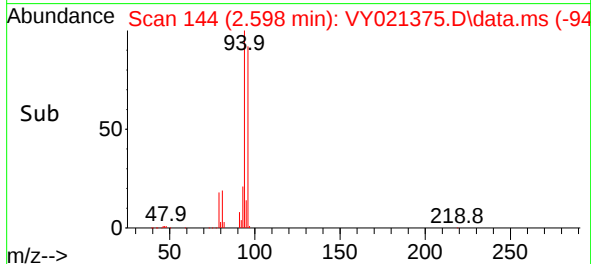
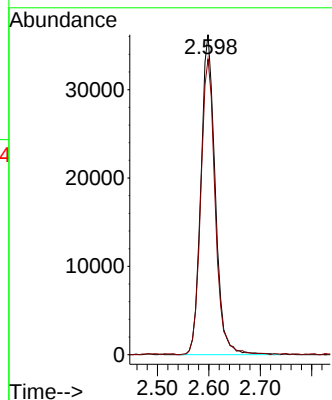
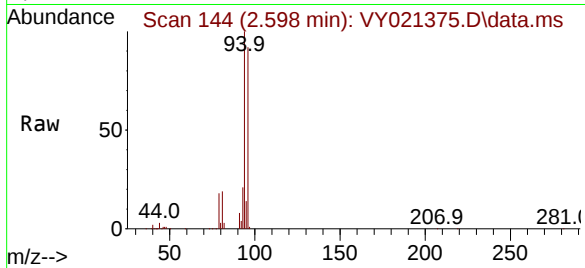




#5
Bromomethane
Concen: 51.460 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

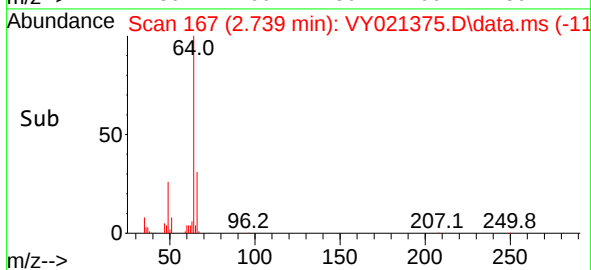
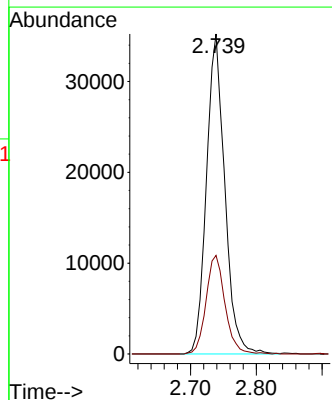
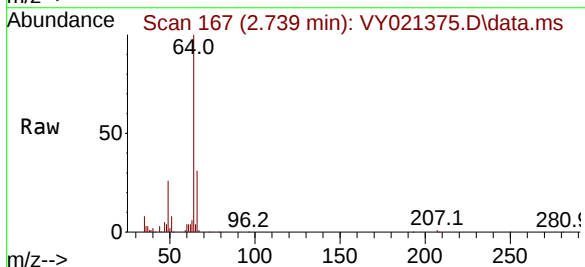
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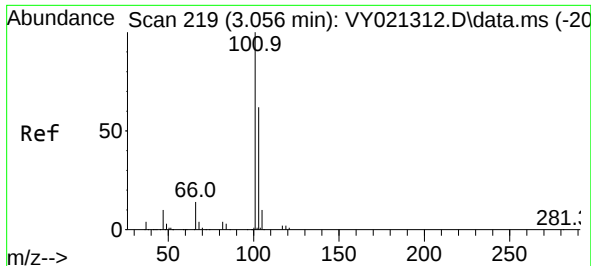
Tgt Ion: 94 Resp: 70059
Ion Ratio Lower Upper
94 100
96 92.4 75.2 112.8



#6
Chloroethane
Concen: 53.626 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 64 Resp: 68130
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

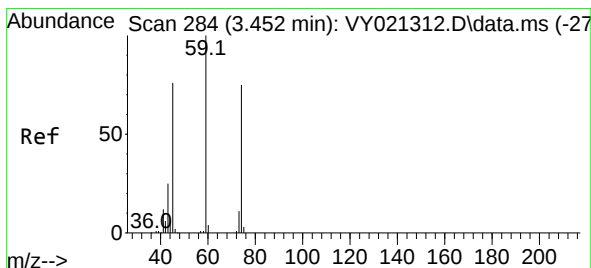
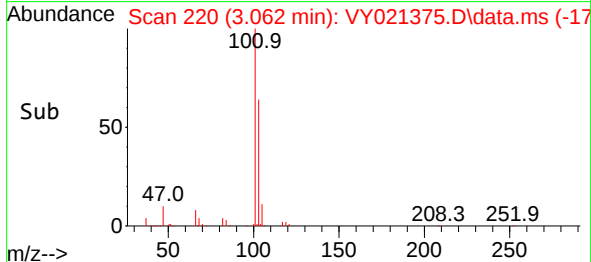
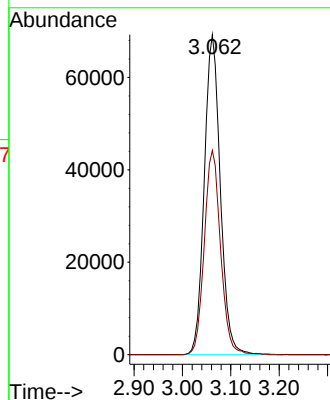
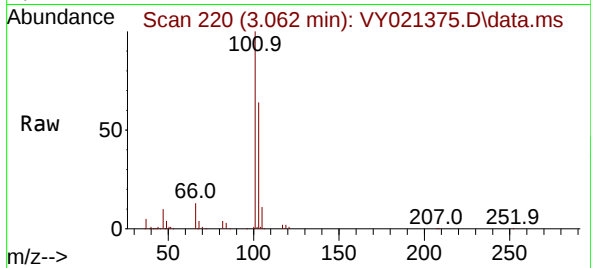




#7
Trichlorofluoromethane
Concen: 51.575 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

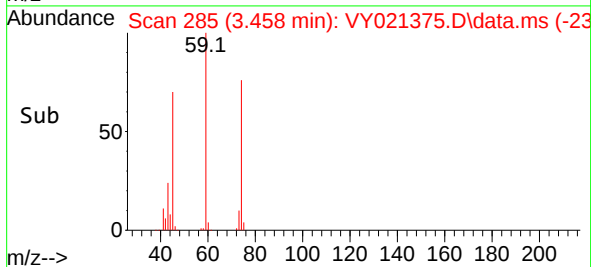
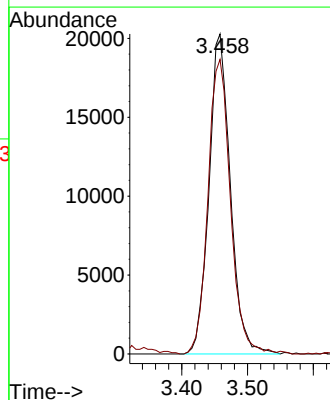
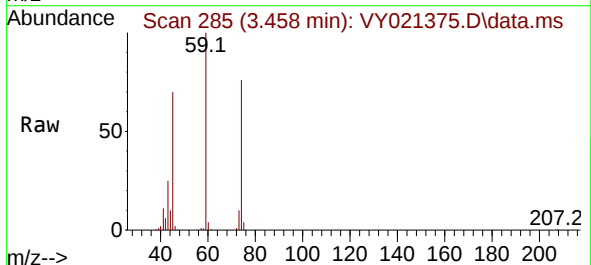
Instrument :
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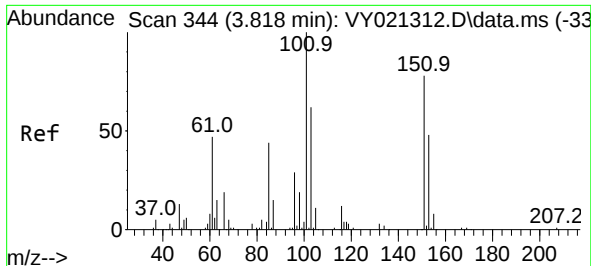
Tgt Ion:101 Resp: 159574
Ion Ratio Lower Upper
101 100
103 63.8 49.7 74.5



#8
Diethyl Ether
Concen: 49.423 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 74 Resp: 45896
Ion Ratio Lower Upper
74 100
45 96.6 50.3 150.9

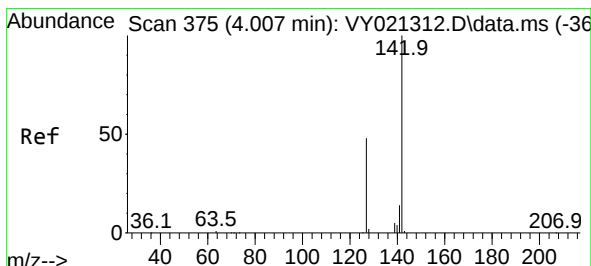
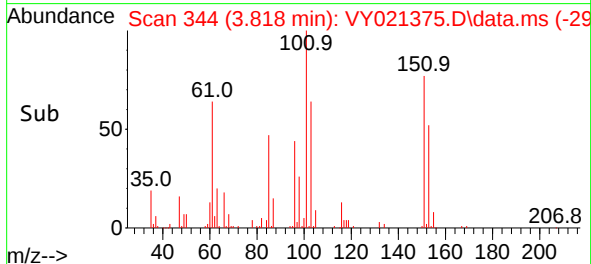
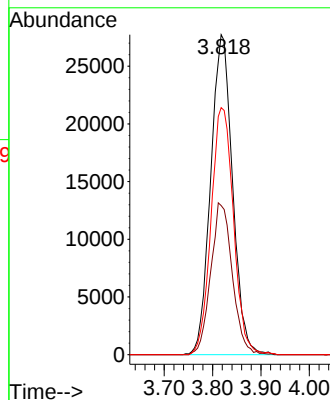
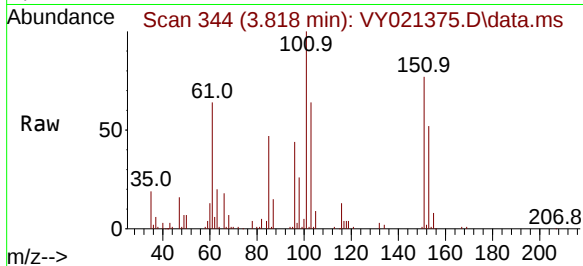




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.644 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

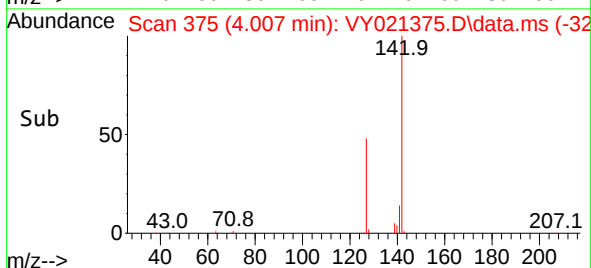
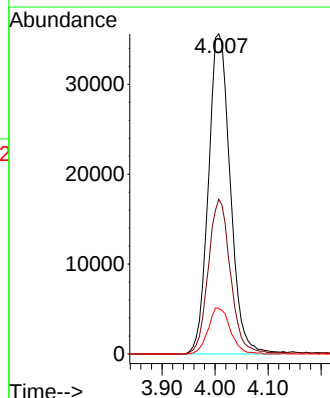
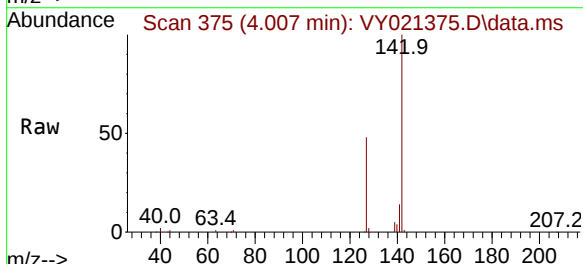
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

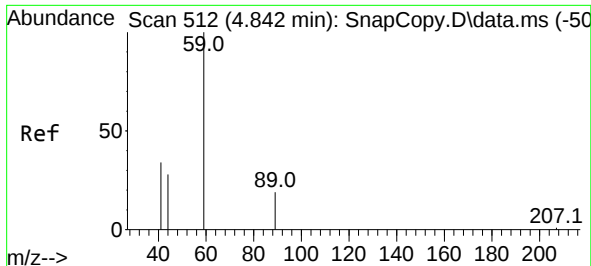
Tgt Ion:101 Resp: 87137
Ion Ratio Lower Upper
101 100
85 46.8 36.7 55.1
151 79.2 62.6 94.0



#10
Methyl Iodide
Concen: 54.252 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:142 Resp: 102242
Ion Ratio Lower Upper
142 100
127 48.9 39.2 58.8
141 14.6 11.4 17.2

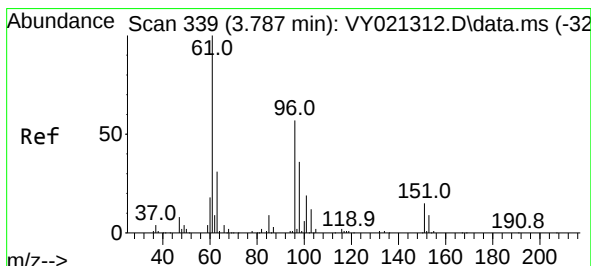
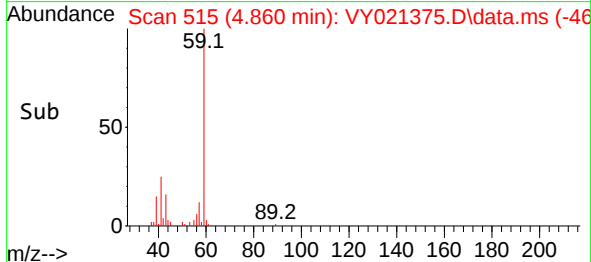
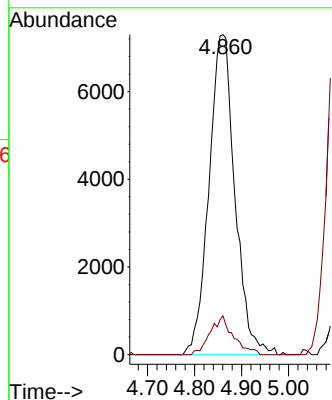
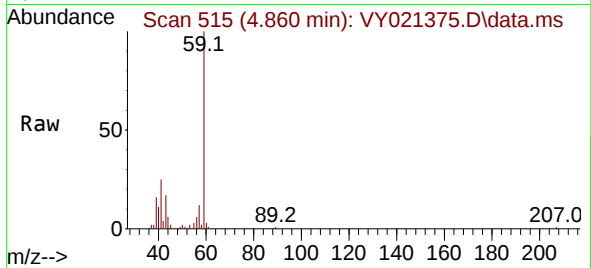




#11
Tert butyl alcohol
Concen: 188.331 ug/l
RT: 4.860 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

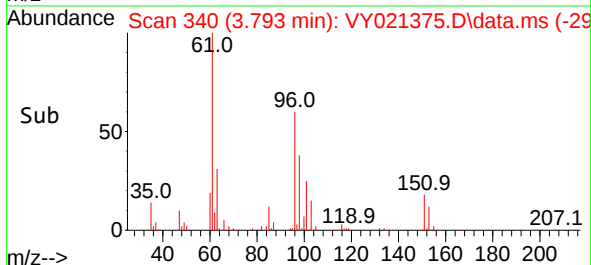
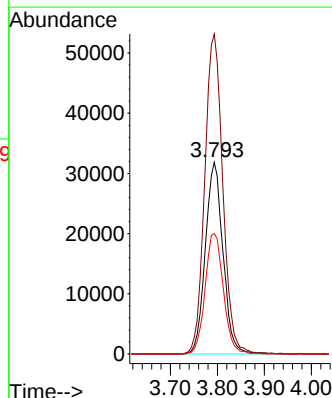
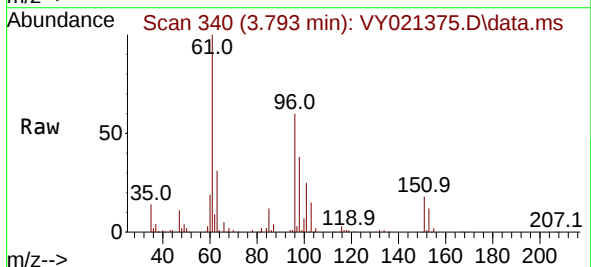
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

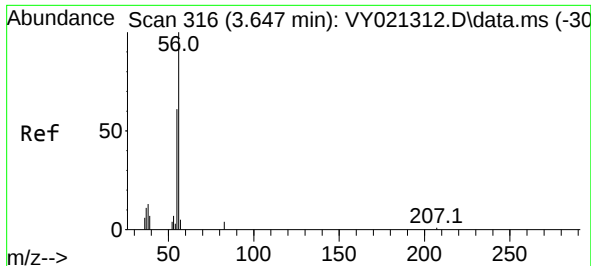
Tgt Ion: 59 Resp: 28013
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.376 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 96 Resp: 82975
Ion Ratio Lower Upper
96 100
61 167.0 139.7 209.5
98 62.8 49.7 74.5

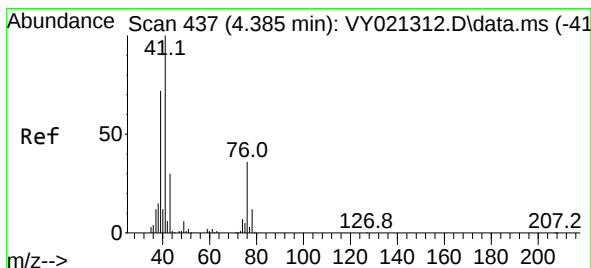
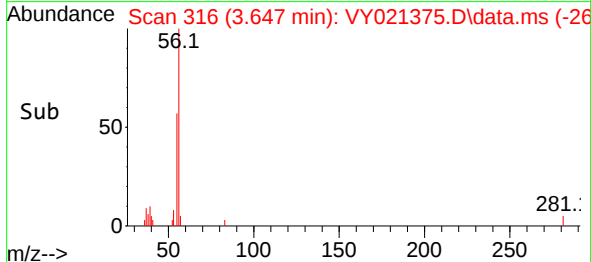
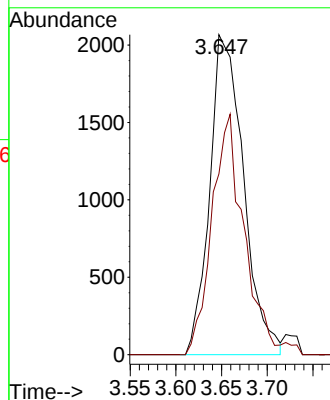
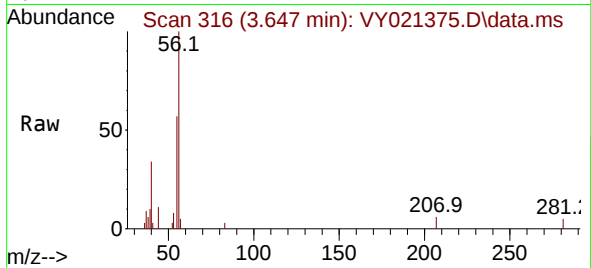




#13
Acrolein
Concen: 46.638 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

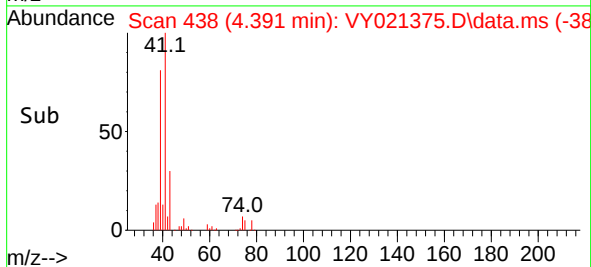
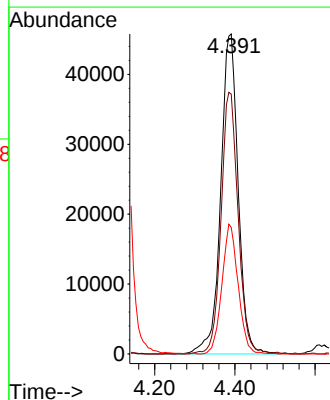
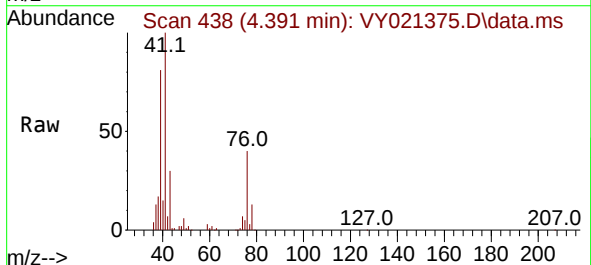
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

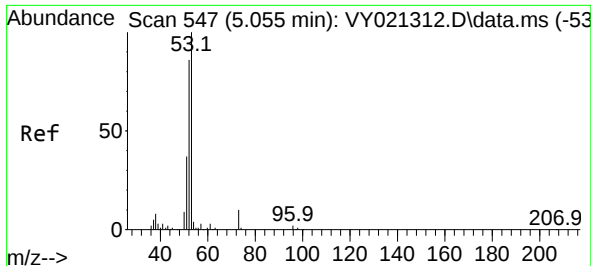
Tgt Ion: 56 Resp: 5316
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.6



#14
Allyl chloride
Concen: 45.608 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 41 Resp: 138693
Ion Ratio Lower Upper
41 100
39 79.7 60.0 90.0
76 37.7 29.0 43.6

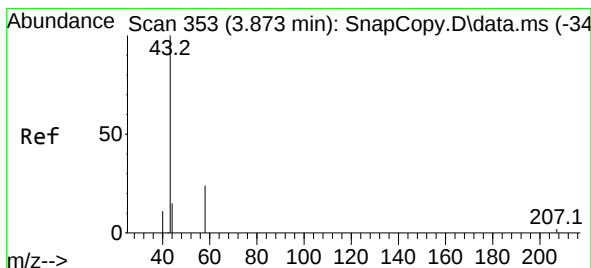
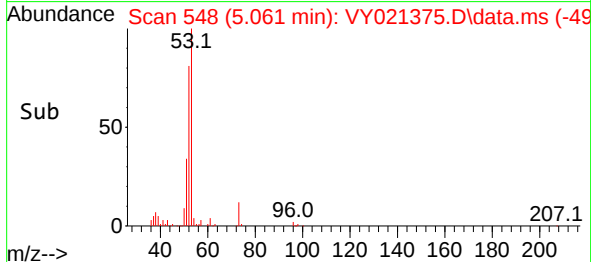
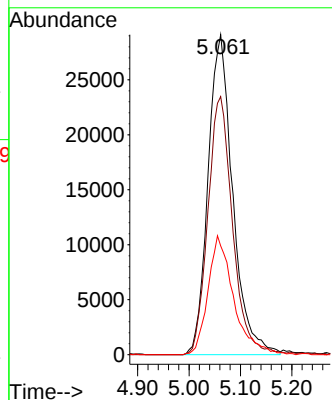
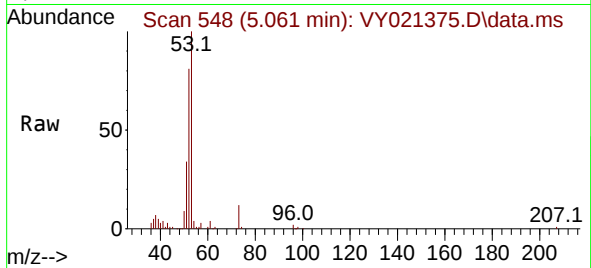




#15
Acrylonitrile
Concen: 236.139 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

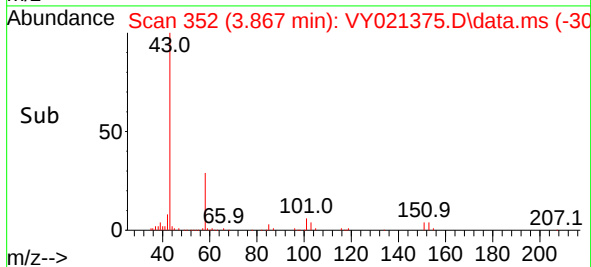
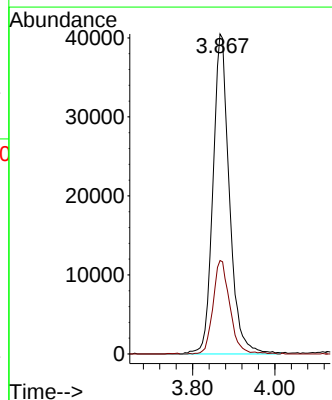
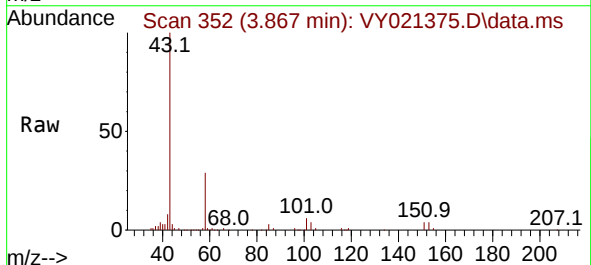
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 96955
Ion Ratio Lower Upper
53 100
52 80.7 65.5 98.3
51 38.7 30.6 46.0



#16
Acetone
Concen: 302.934 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 43 Resp: 112372
Ion Ratio Lower Upper
43 100
58 29.2 23.5 35.3

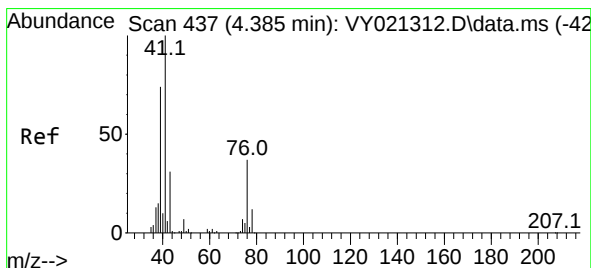
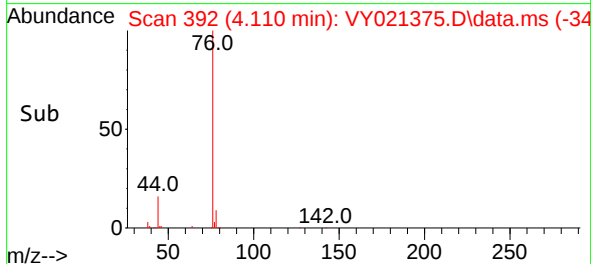
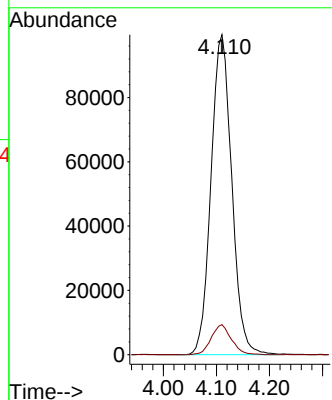
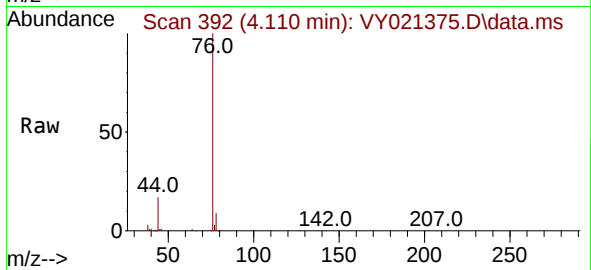




#17
Carbon Disulfide
Concen: 47.448 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

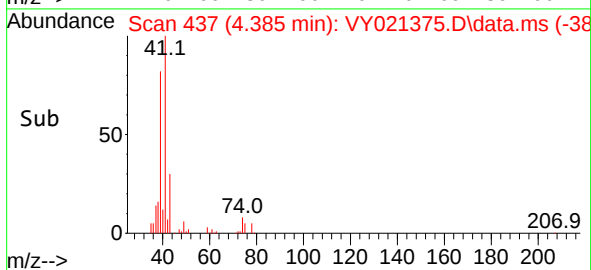
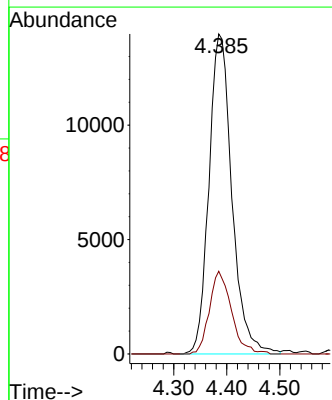
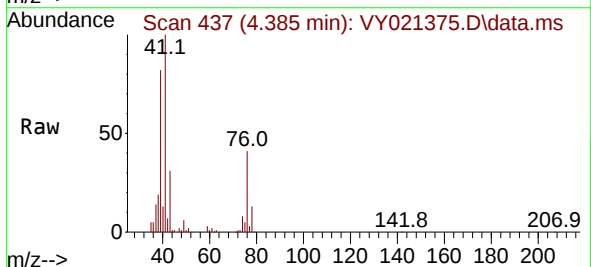
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

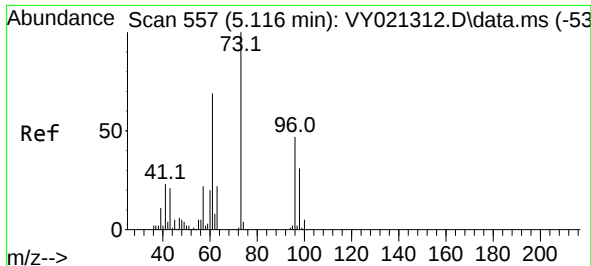
Tgt Ion: 76 Resp: 270242
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 46.449 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 43 Resp: 42108
Ion Ratio Lower Upper
43 100
74 24.8 17.7 26.5

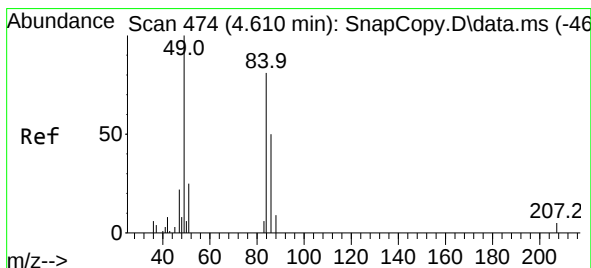
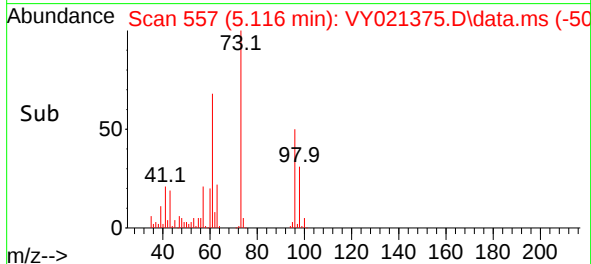
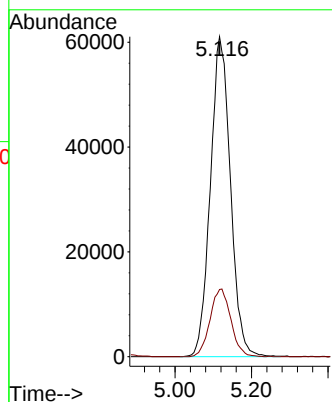
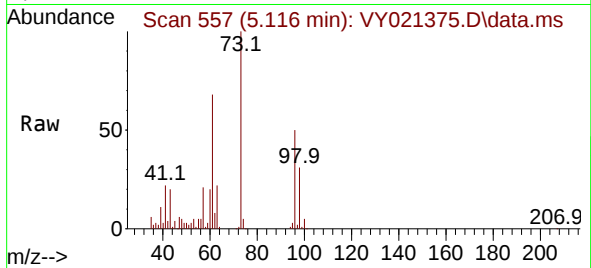




#19
Methyl tert-butyl Ether
Concen: 49.070 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

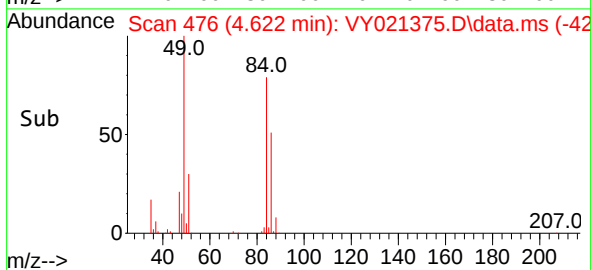
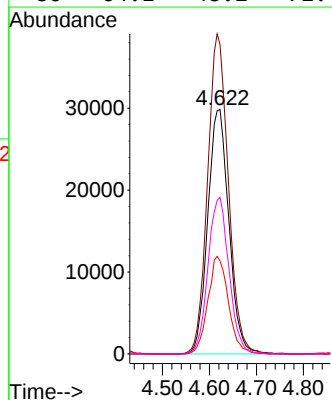
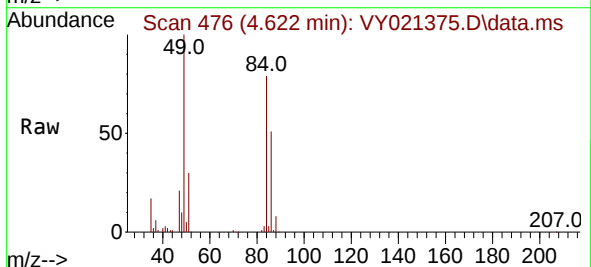
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

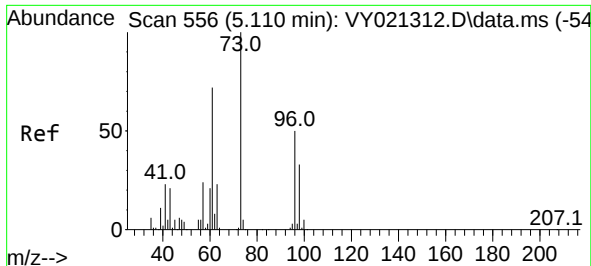
Tgt Ion: 73 Resp: 222369
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 46.504 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 84 Resp: 93282
Ion Ratio Lower Upper
84 100
49 126.5 105.1 157.7
51 38.0 31.0 46.4
86 64.1 48.2 72.4

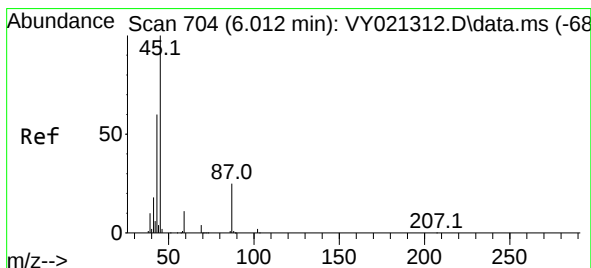
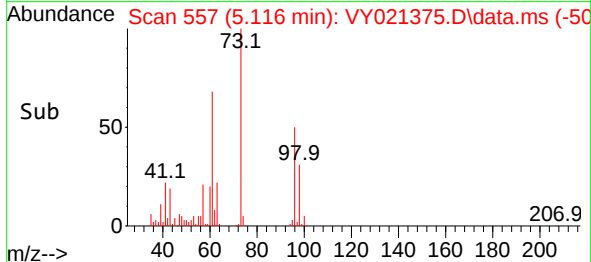
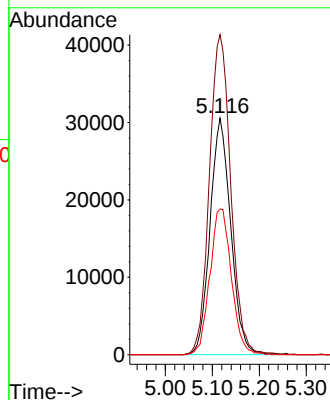
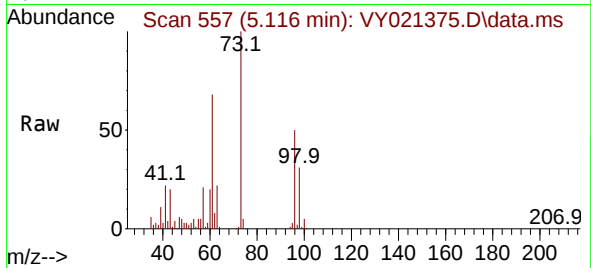




#21
trans-1,2-Dichloroethene
Concen: 49.547 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

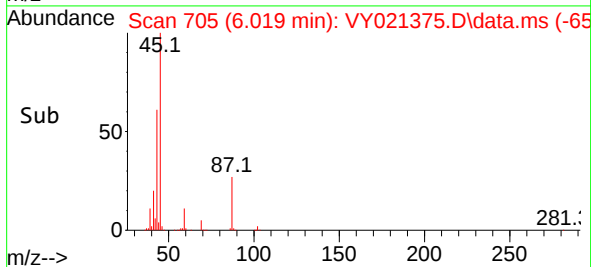
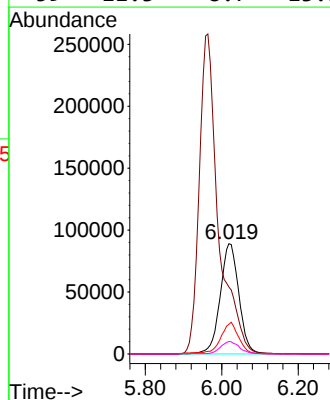
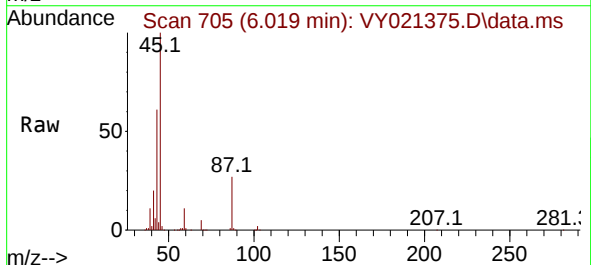
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

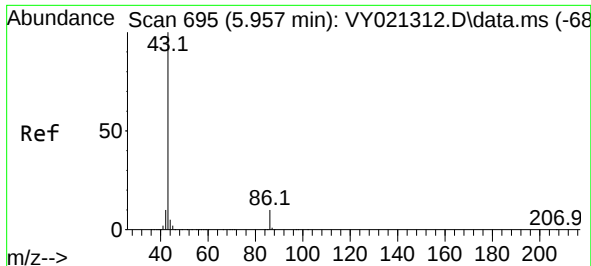
Tgt Ion: 96 Resp: 93555
Ion Ratio Lower Upper
96 100
61 135.3 116.3 174.5
98 61.6 52.6 78.8



#22
Diisopropyl ether
Concen: 47.952 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 45 Resp: 301755
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.4
87 26.9 20.3 30.5
59 11.3 8.7 13.1

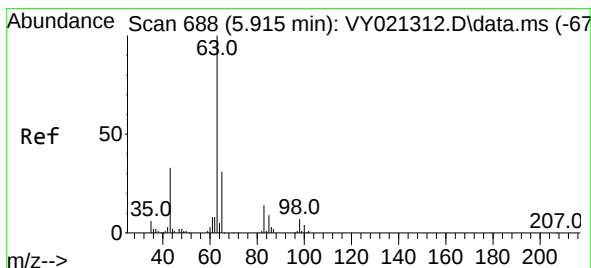
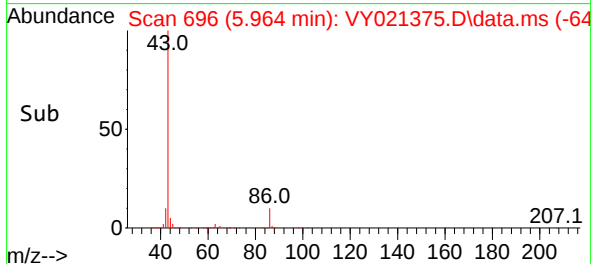
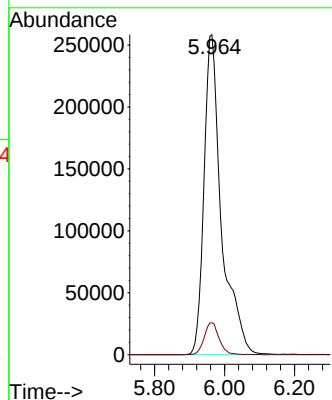
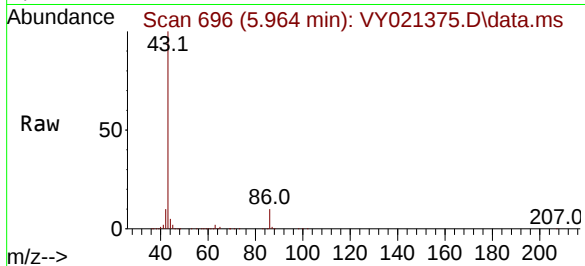




#23
 Vinyl Acetate
 Concen: 238.456 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

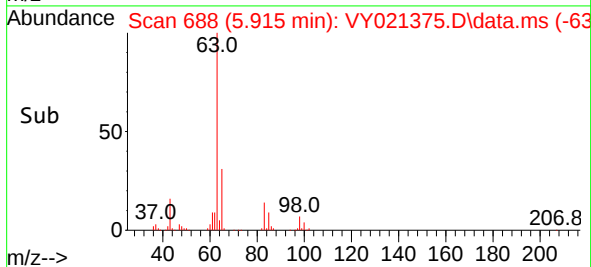
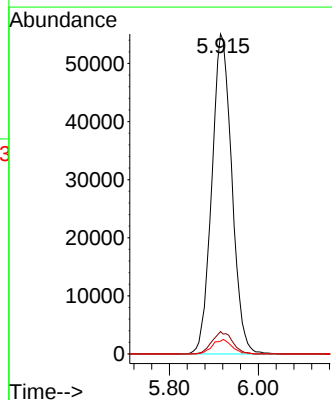
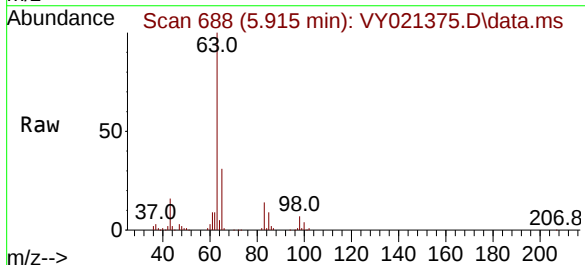
Instrument :
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 ClientSampleId :
 VSTDCCC050

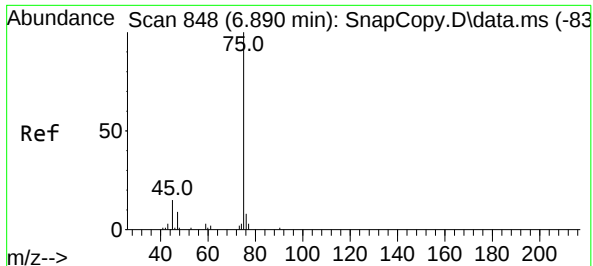
Tgt Ion: 43 Resp: 896702
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.476 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

Tgt Ion: 63 Resp: 171936
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 253.463 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

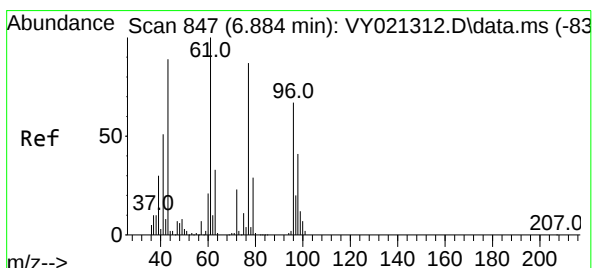
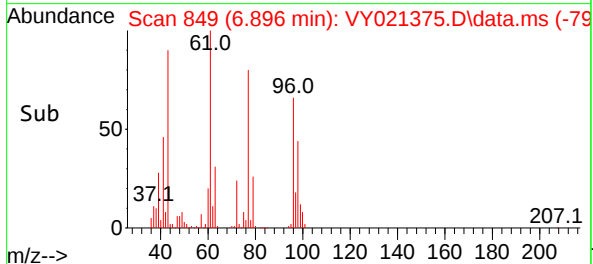
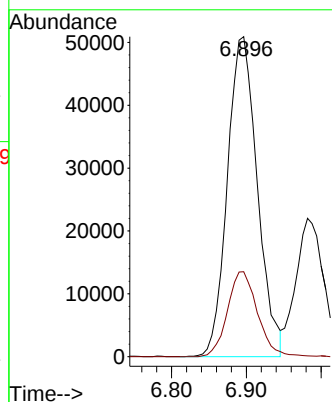
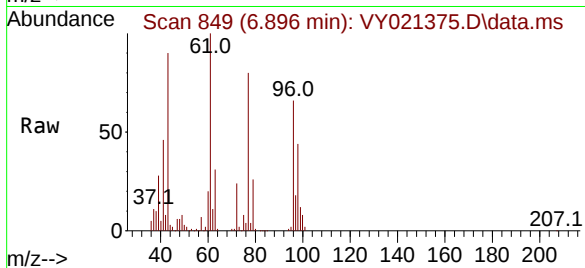
VSTDCCC050

Tgt Ion: 43 Resp: 141900

Ion Ratio Lower Upper

43 100

72 26.6 19.0 28.6



#26

2,2-Dichloropropane

Concen: 48.821 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021375.D

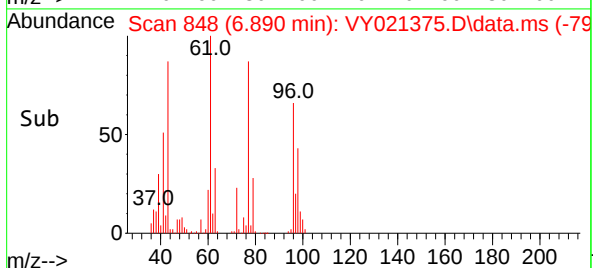
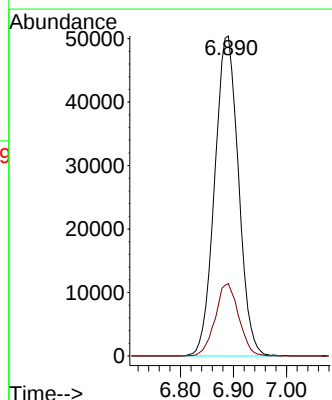
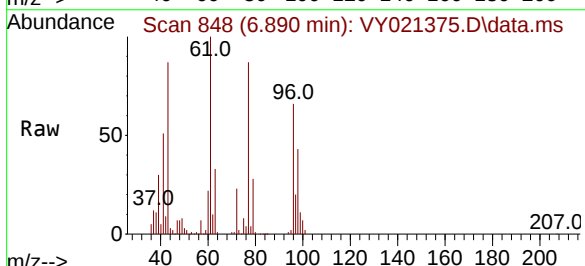
Acq: 28 Feb 2025 09:44

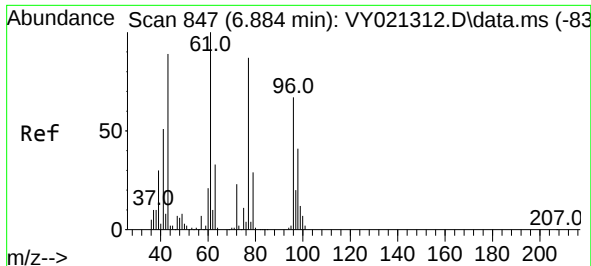
Tgt Ion: 77 Resp: 157120

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.7

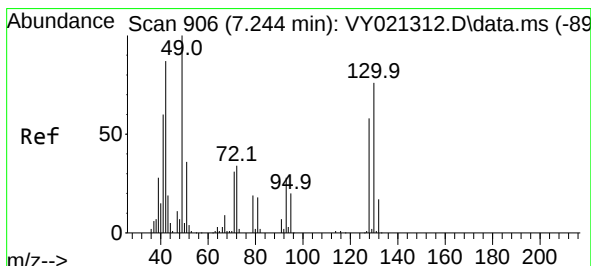
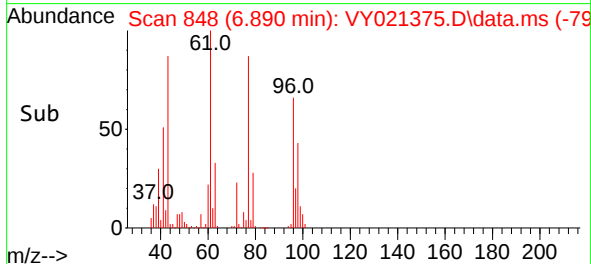
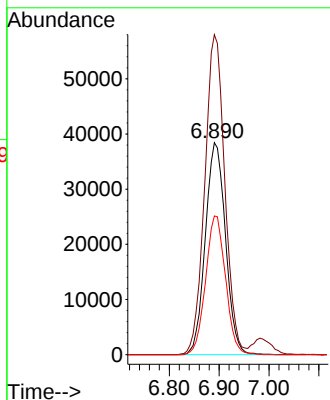
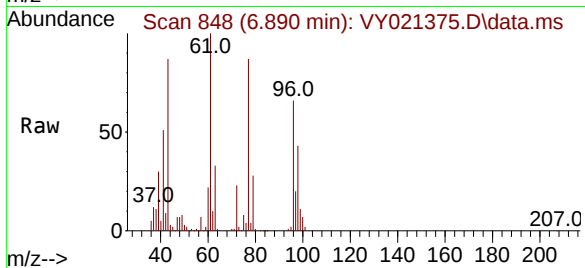




#27
 cis-1,2-Dichloroethene
 Concen: 50.189 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

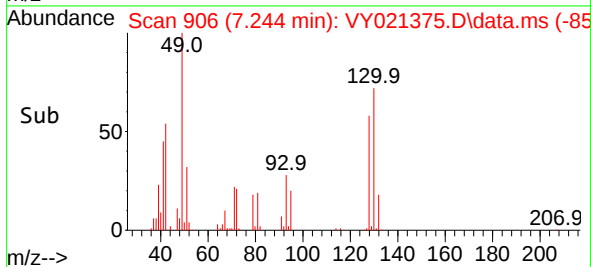
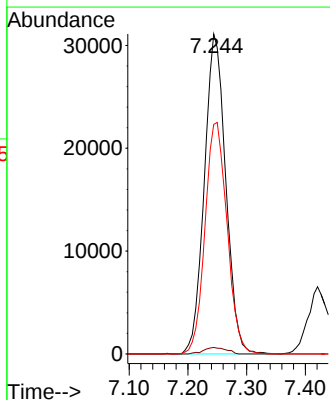
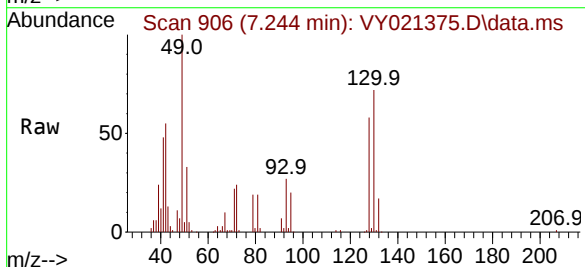
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

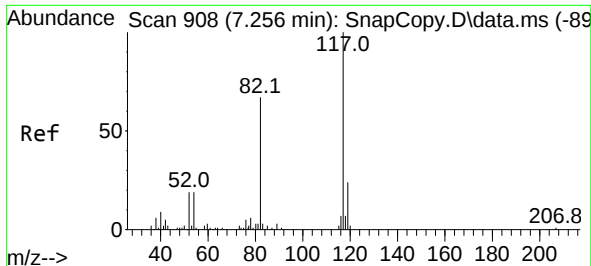
Tgt Ion: 96 Resp: 108215
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 308.0
 98 64.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 50.196 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

Tgt Ion: 49 Resp: 78777
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 74.5 57.8 86.6





#29

Tetrahydrofuran

Concen: 227.342 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

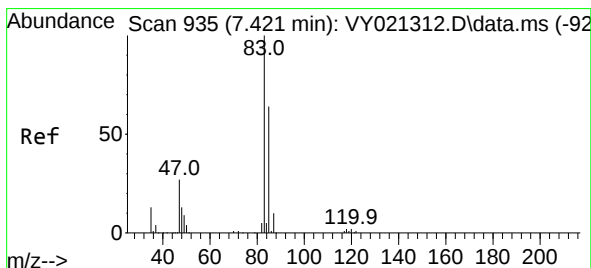
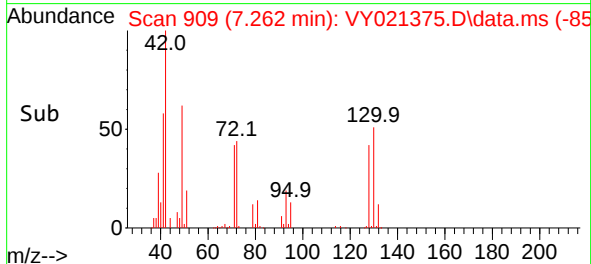
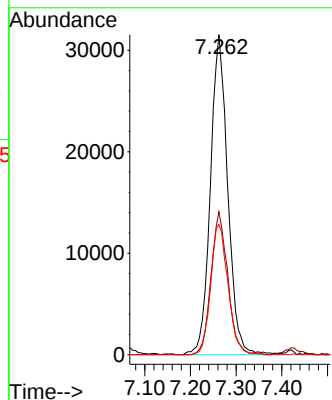
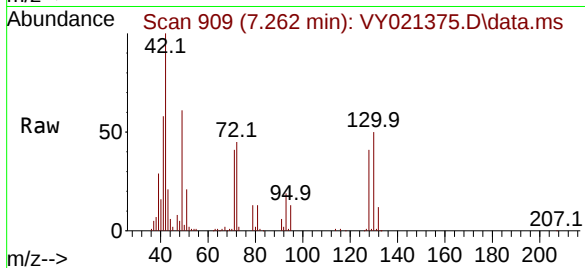
Tgt Ion: 42 Resp: 83194

Ion Ratio Lower Upper

42 100

72 43.2 33.1 49.7

71 40.5 31.4 47.0



#30

Chloroform

Concen: 49.466 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021375.D

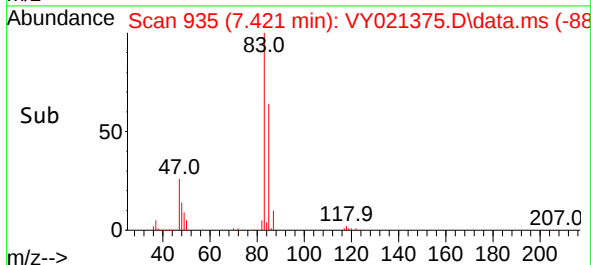
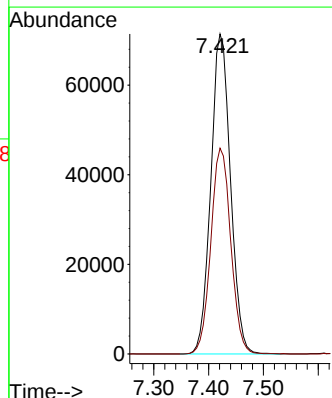
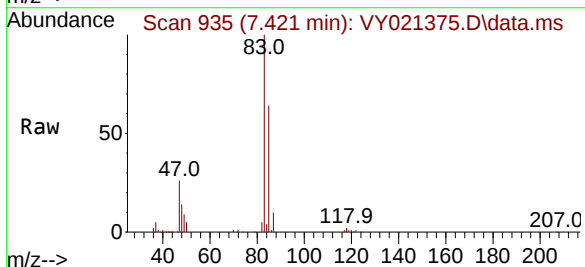
Acq: 28 Feb 2025 09:44

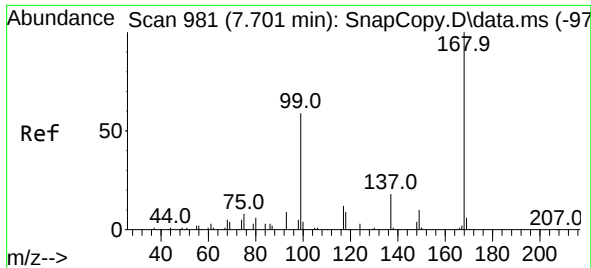
Tgt Ion: 83 Resp: 177778

Ion Ratio Lower Upper

83 100

85 64.3 51.6 77.4

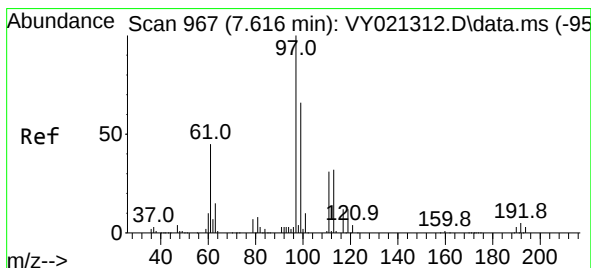
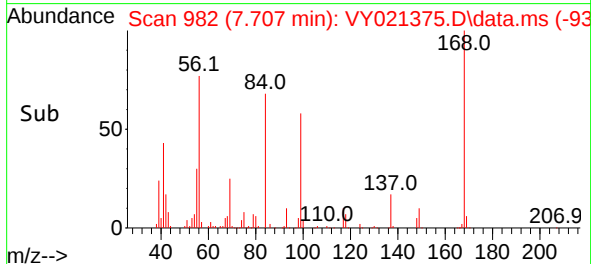
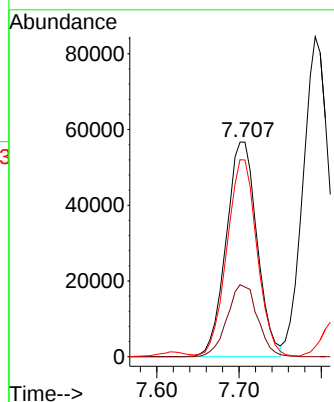
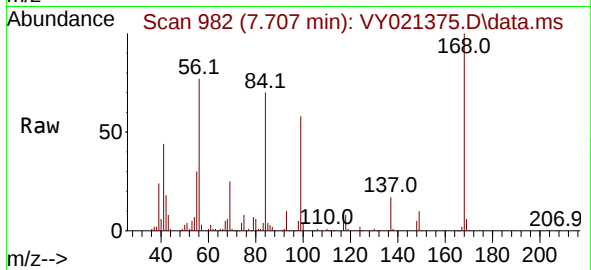




#31
Cyclohexane
Concen: 43.387 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

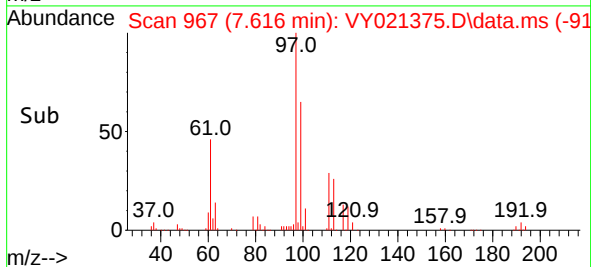
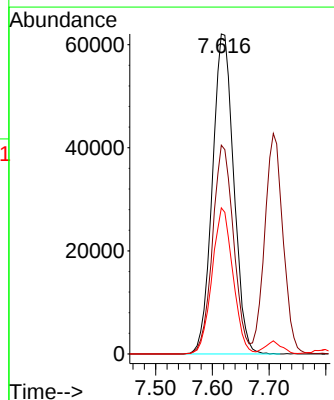
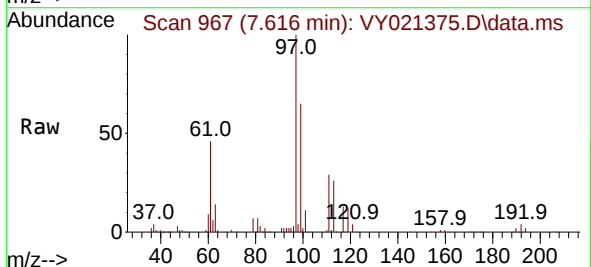
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

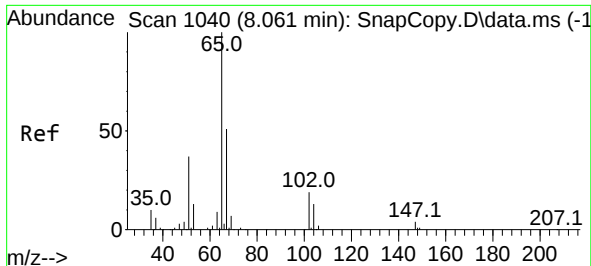
Tgt Ion: 56 Resp: 147922
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 89.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.532 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 97 Resp: 162031
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 44.7 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

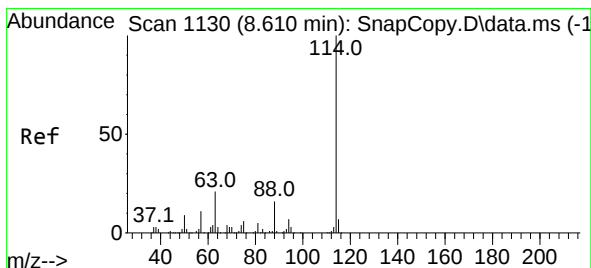
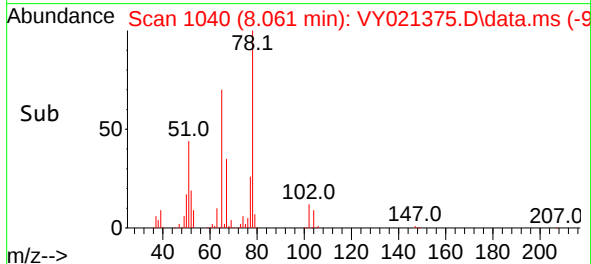
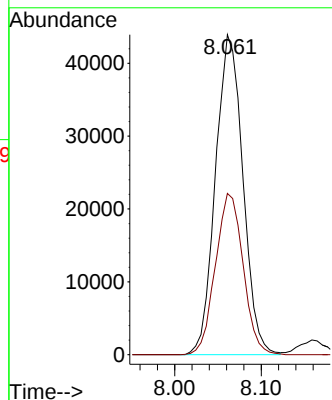
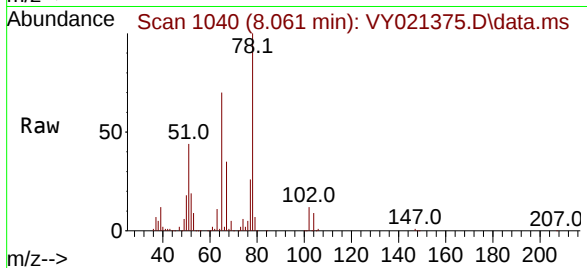
VSTDCCC050

Tgt Ion: 65 Resp: 96586

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

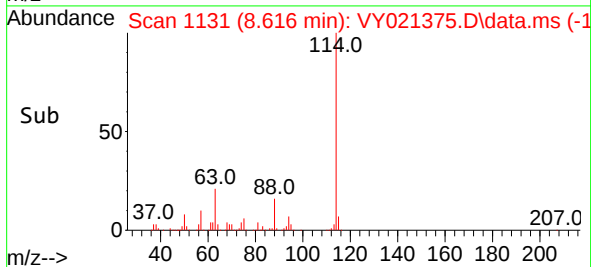
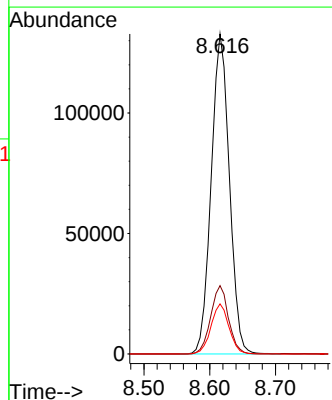
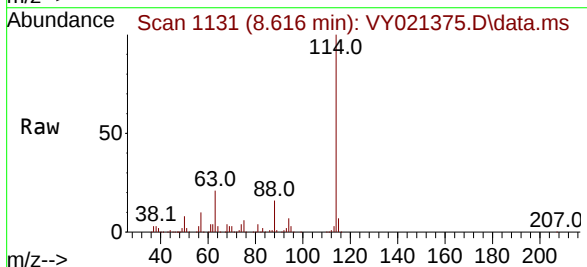
Tgt Ion:114 Resp: 255493

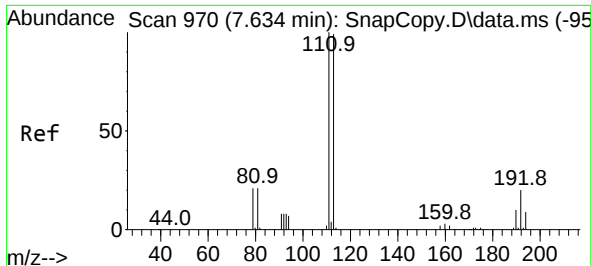
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 15.6 0.0 29.8

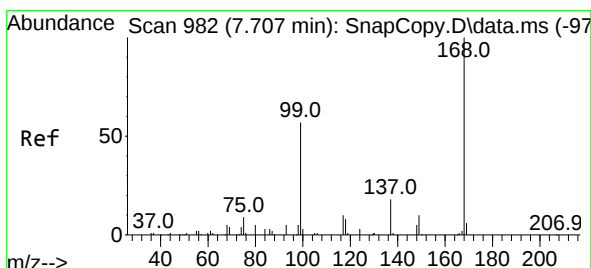
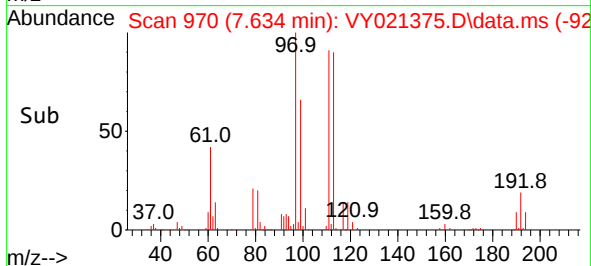
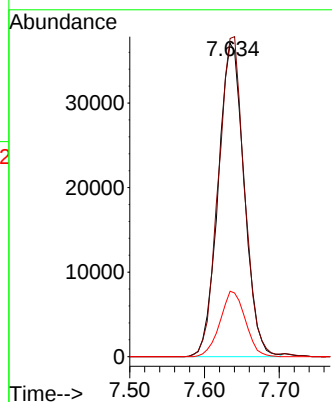
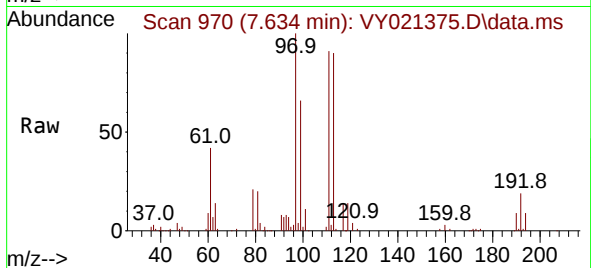




#35
Dibromofluoromethane
Concen: 53.556 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

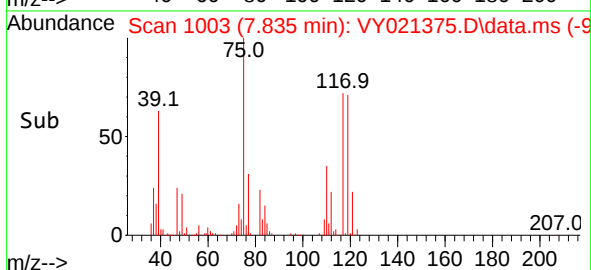
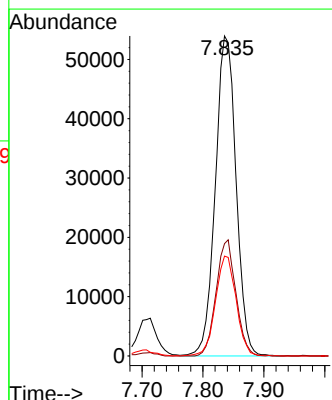
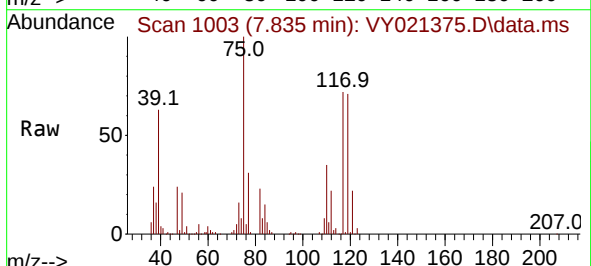
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

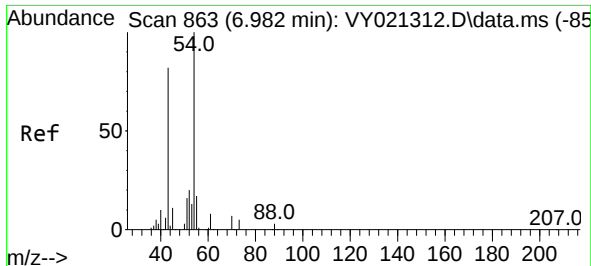
Tgt Ion:113 Resp: 89708
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.6
192 20.3 15.8 23.8



#36
1,1-Dichloropropene
Concen: 50.810 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 75 Resp: 127843
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.7
77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 47.578 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

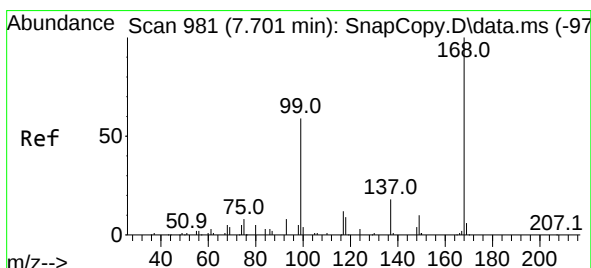
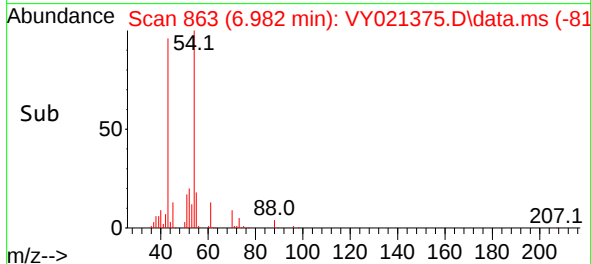
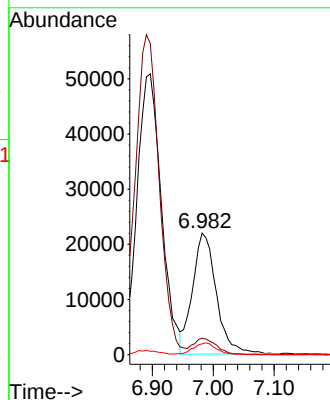
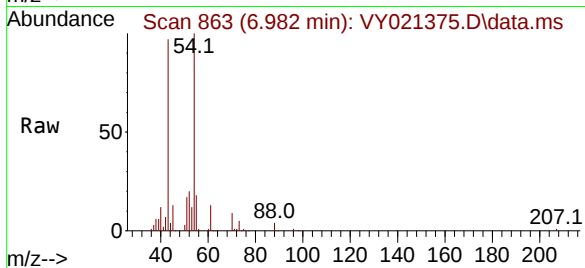
Tgt Ion: 43 Resp: 59548

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

70 9.5 7.5 11.3



#38

Carbon Tetrachloride

Concen: 52.223 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

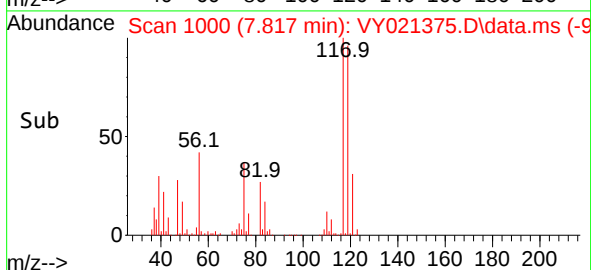
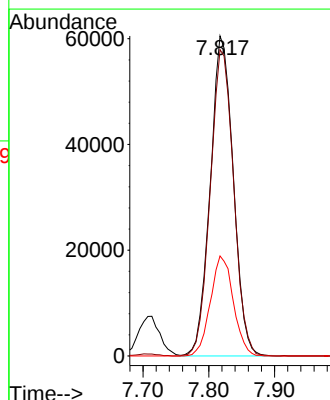
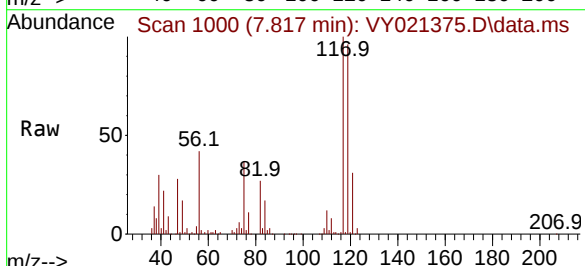
Tgt Ion: 117 Resp: 147719

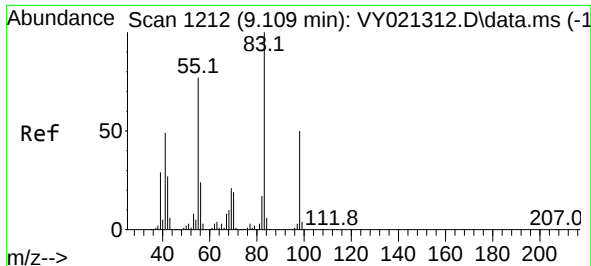
Ion Ratio Lower Upper

117 100

119 95.7 76.0 114.0

121 31.2 24.9 37.3

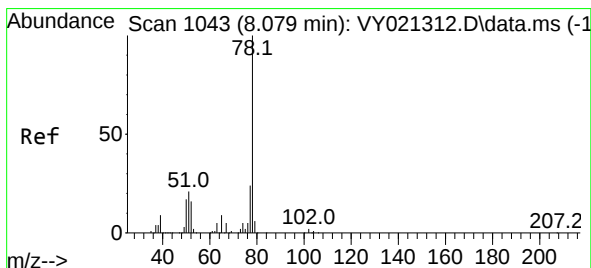
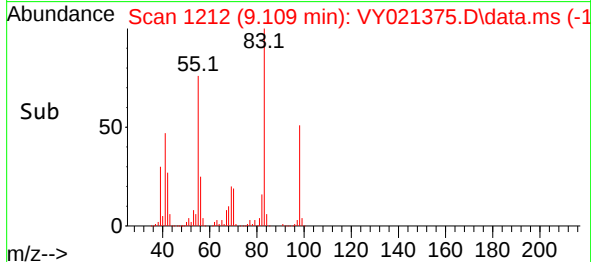
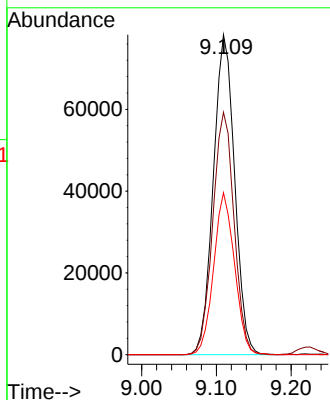
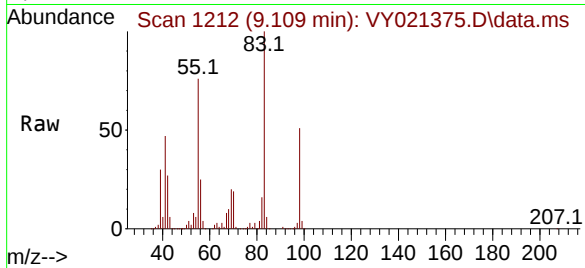




#39
Methylcyclohexane
Concen: 48.718 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

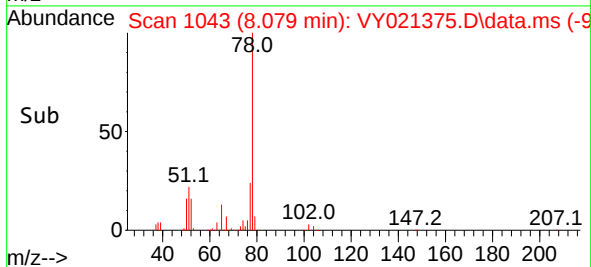
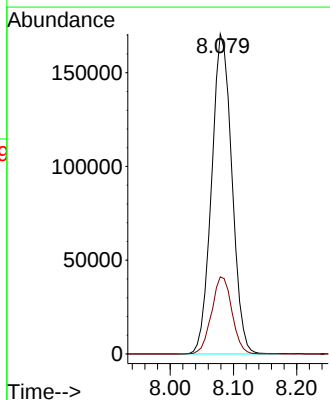
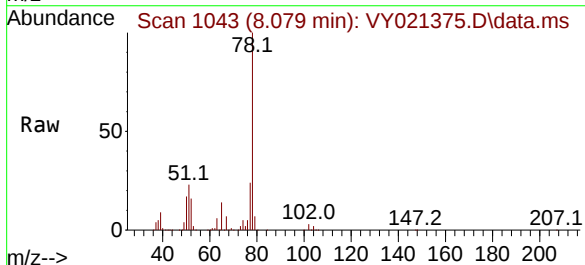
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

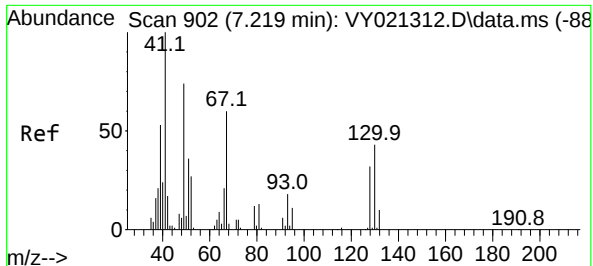
Tgt Ion: 83 Resp: 155039
Ion Ratio Lower Upper
83 100
55 75.8 61.3 91.9
98 50.6 39.9 59.9



#40
Benzene
Concen: 51.073 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 78 Resp: 379868
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

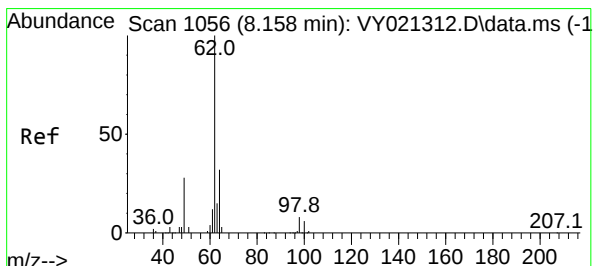
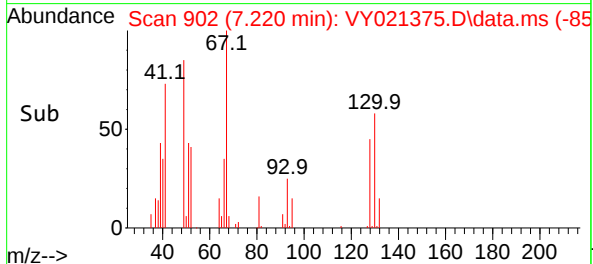
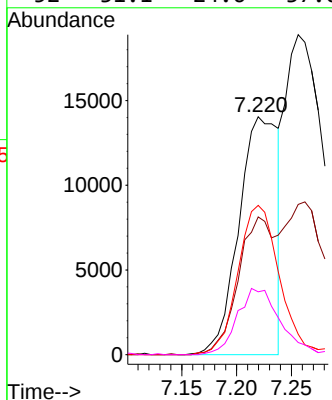
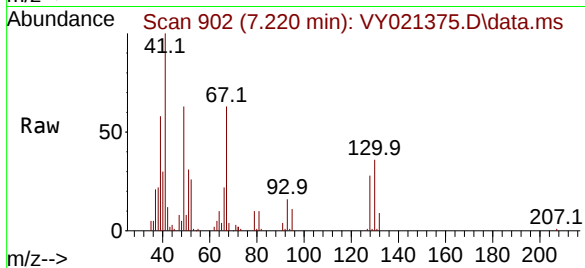




#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

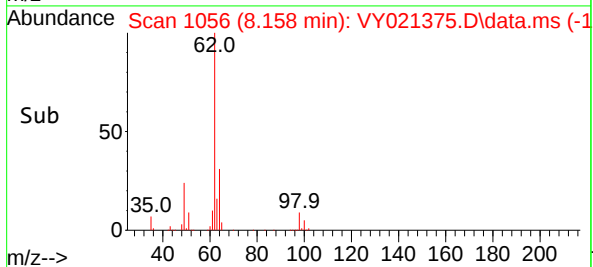
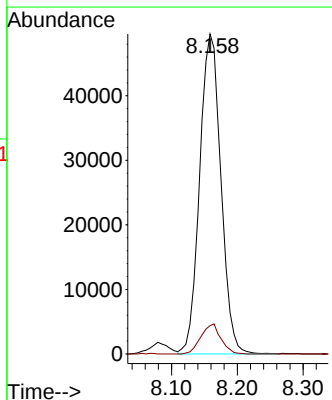
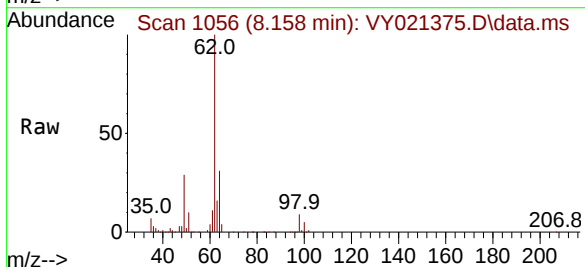
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

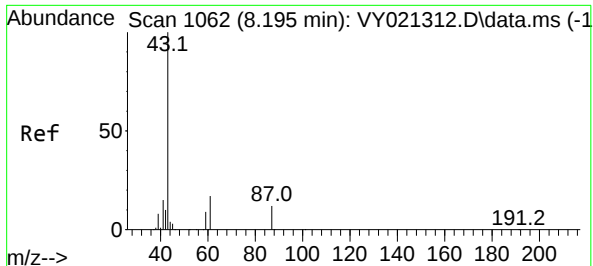
Tgt Ion:	41	Resp:	34886
Ion	Ratio	Lower	Upper
41	100		
39	49.0	42.3	63.5
67	67.4	54.8	82.2
52	31.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 52.760 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:	62	Resp:	111336
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

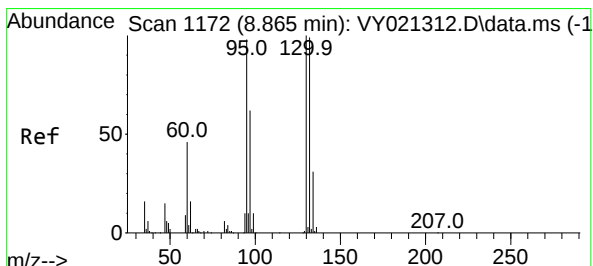
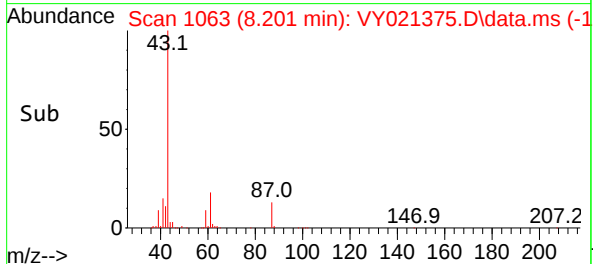
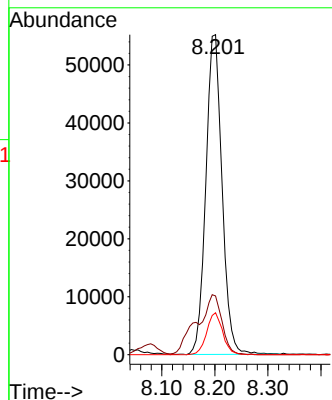
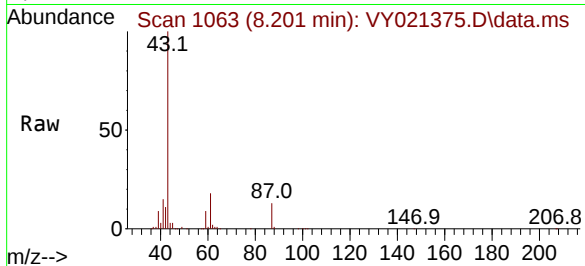




#43
Isopropyl Acetate
Concen: 48.330 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

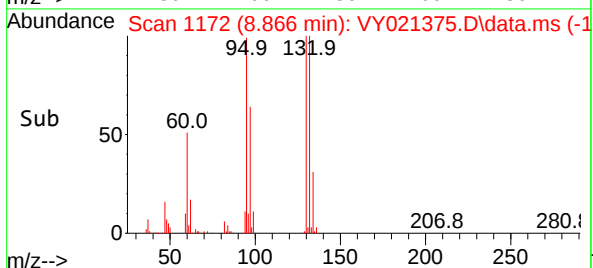
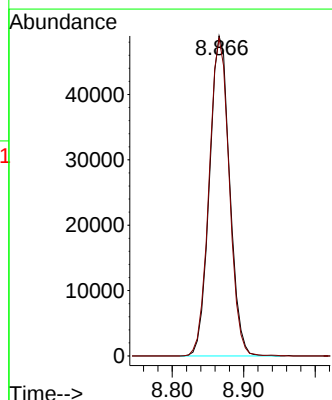
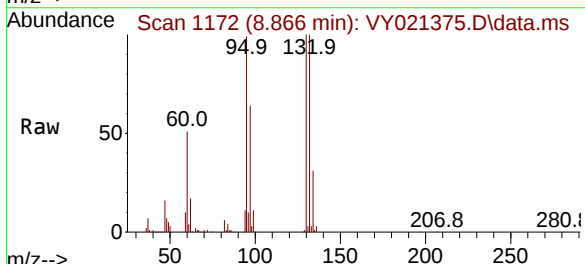
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

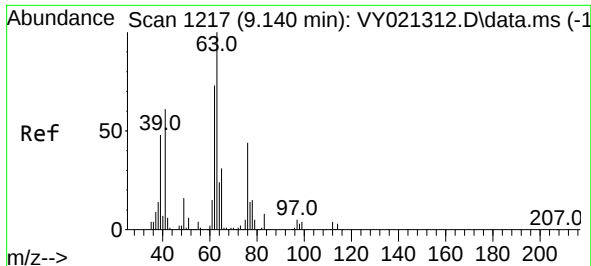
Tgt Ion: 43 Resp: 117081
Ion Ratio Lower Upper
43 100
61 28.8 15.0 22.6#
87 13.0 10.0 15.0



#44
Trichloroethene
Concen: 51.489 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:130 Resp: 95880
Ion Ratio Lower Upper
130 100
95 99.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.814 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

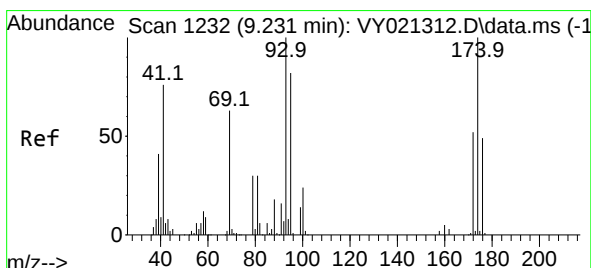
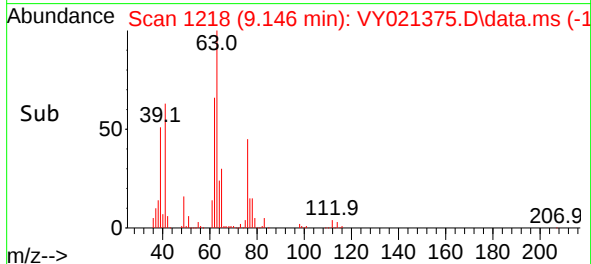
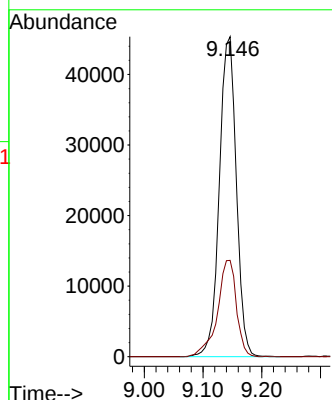
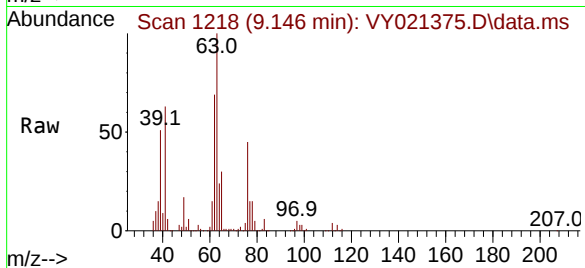
VSTDCCC050

Tgt Ion: 63 Resp: 90953

Ion Ratio Lower Upper

63 100

65 30.1 24.6 36.8



#46

Dibromomethane

Concen: 51.775 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

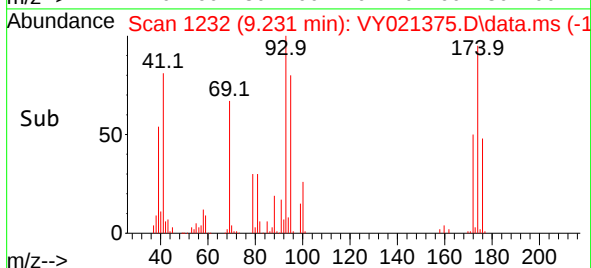
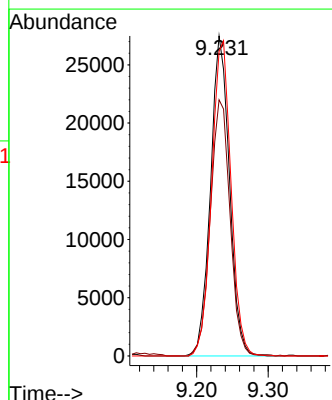
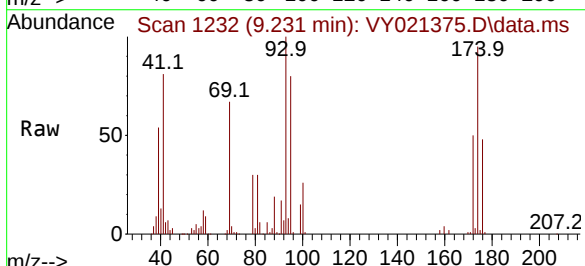
Tgt Ion: 93 Resp: 50657

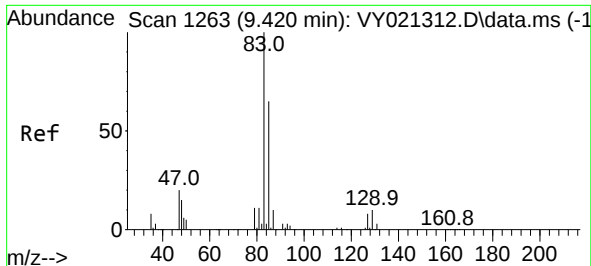
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 100.6 78.2 117.2

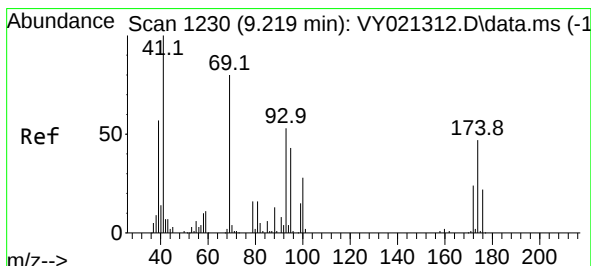
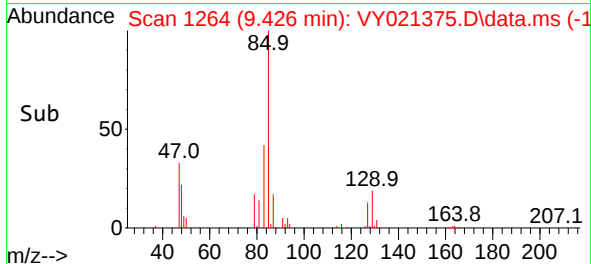
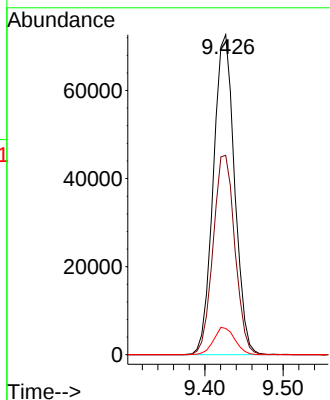
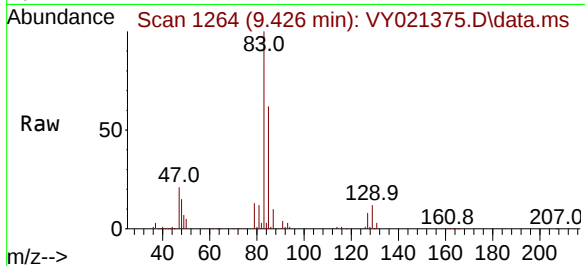




#47
Bromodichloromethane
Concen: 52.552 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

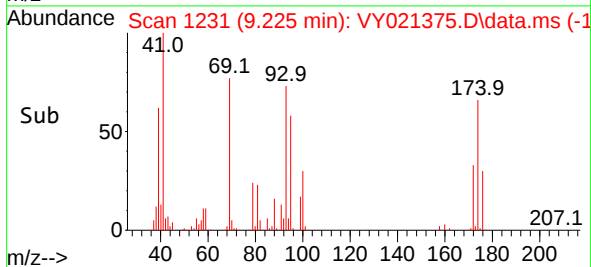
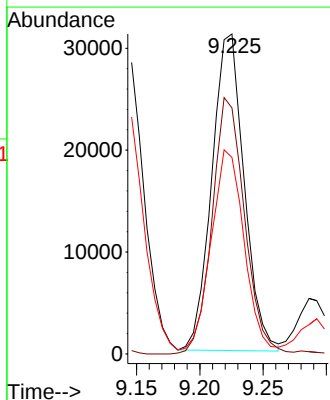
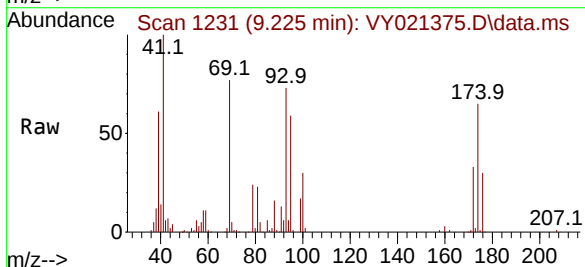
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

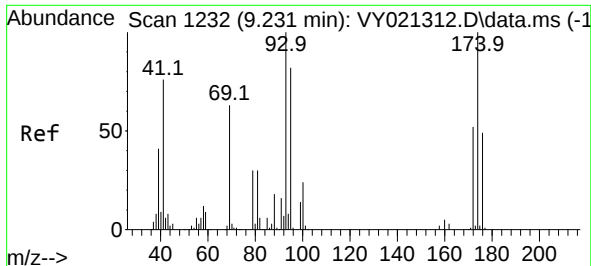
Tgt Ion: 83 Resp: 137097
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 48.776 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 41 Resp: 55255
Ion Ratio Lower Upper
41 100
69 81.1 63.3 94.9
39 63.9 45.0 67.6





#49

1,4-Dioxane

Concen: 987.591 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

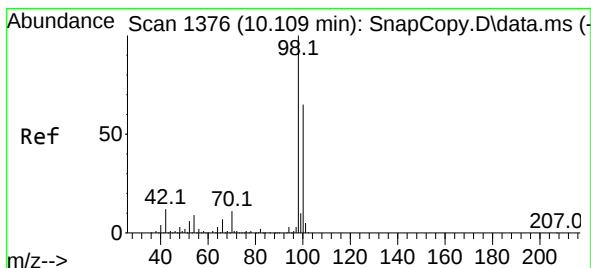
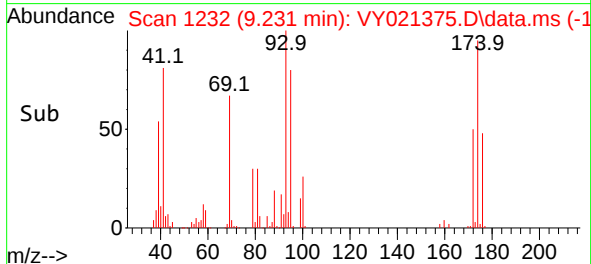
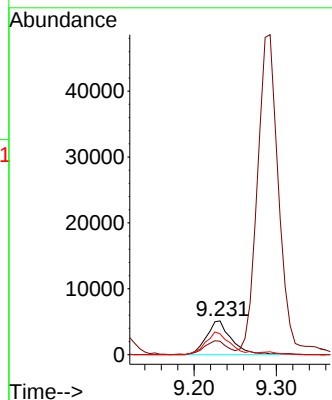
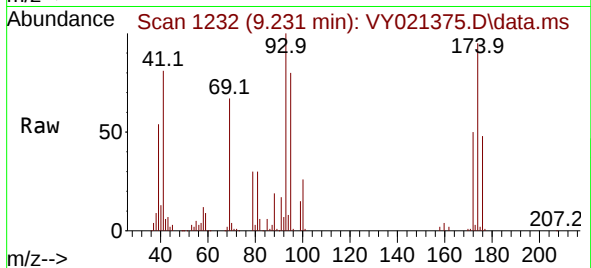
Tgt Ion: 88 Resp: 10744

Ion Ratio Lower Upper

88 100

43 39.0 34.8 52.2

58 65.8 59.8 89.6



#50

Toluene-d8

Concen: 52.386 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021375.D

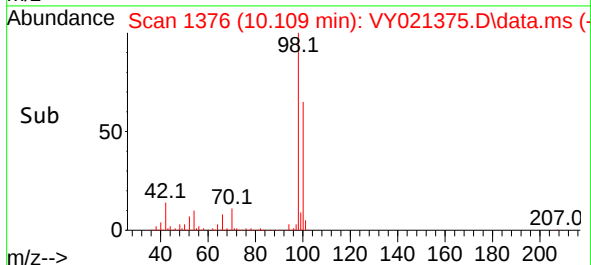
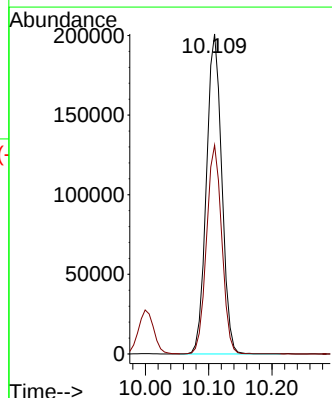
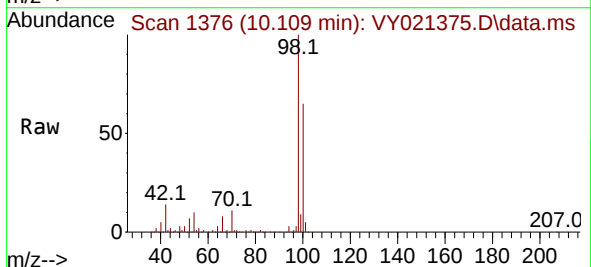
Acq: 28 Feb 2025 09:44

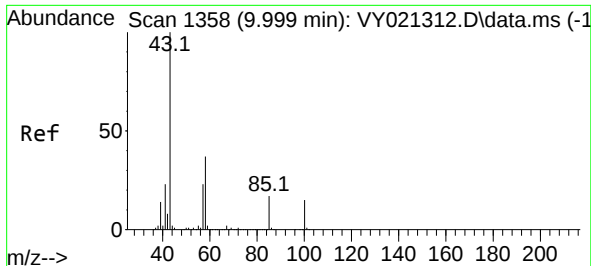
Tgt Ion: 98 Resp: 339126

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6

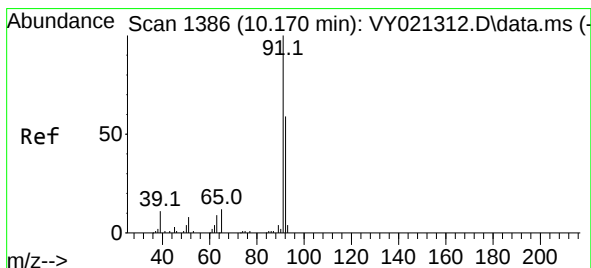
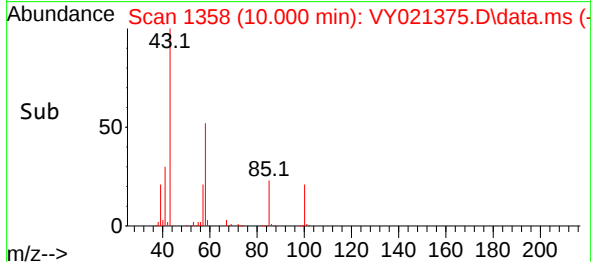
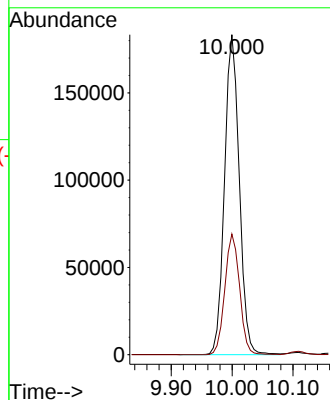
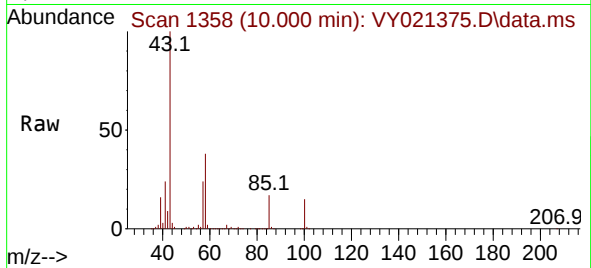




#51
4-Methyl-2-Pentanone
Concen: 249.526 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

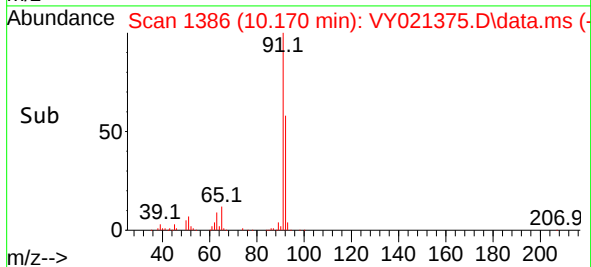
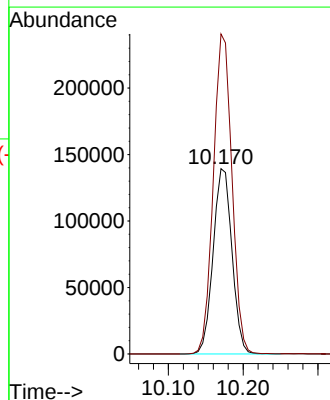
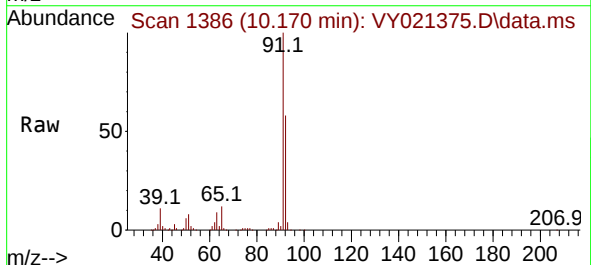
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

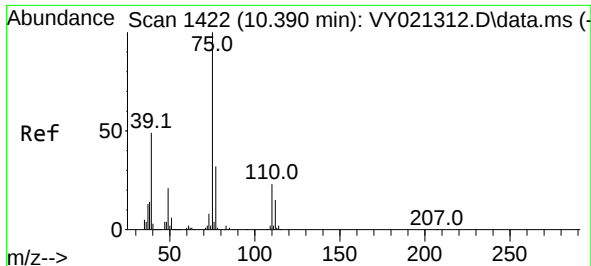
Tgt Ion: 43 Resp: 309430
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1



#52
Toluene
Concen: 52.795 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 92 Resp: 243944
Ion Ratio Lower Upper
92 100
91 170.6 137.8 206.8

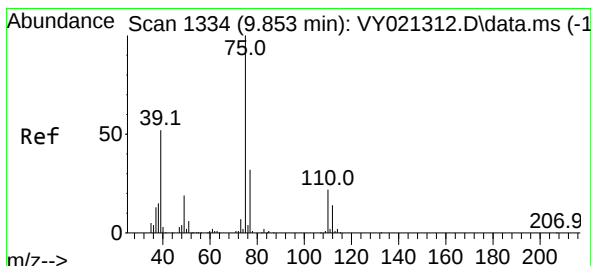
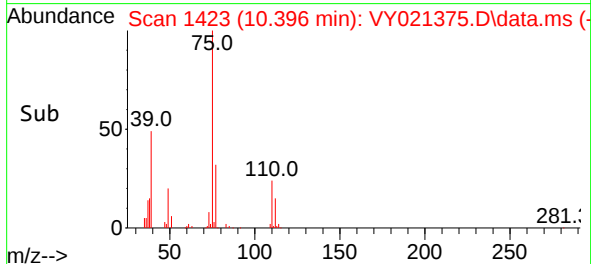
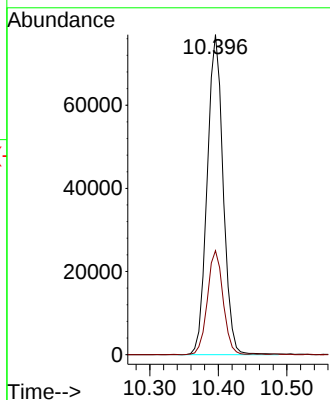
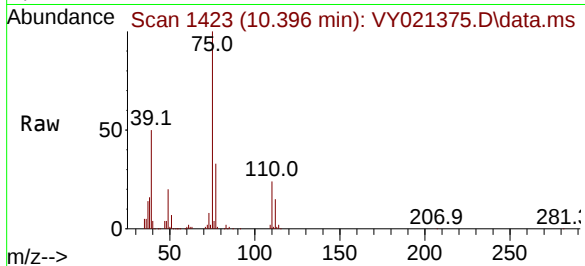




#53
t-1,3-Dichloropropene
Concen: 52.124 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

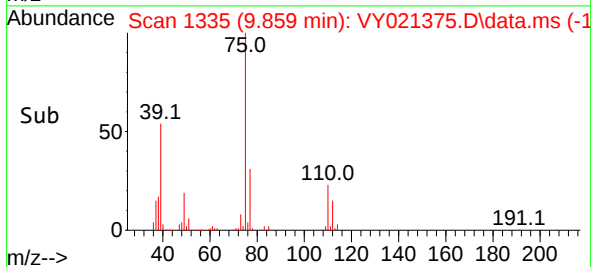
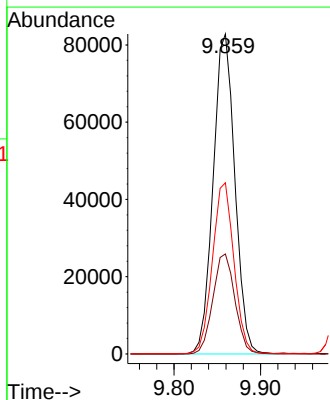
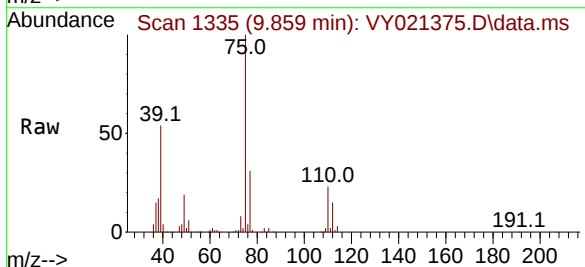
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

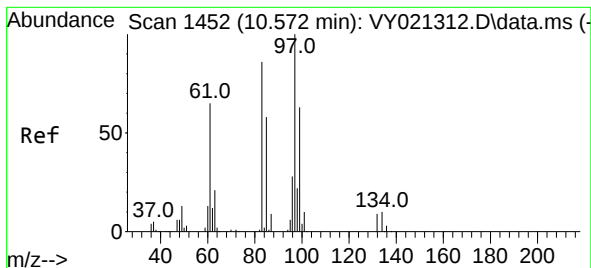
Tgt Ion: 75 Resp: 124583
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.138 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 75 Resp: 144293
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 53.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 50.869 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 64837

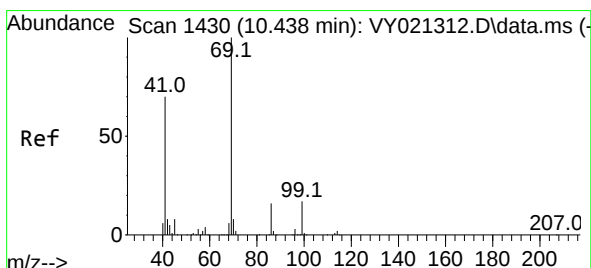
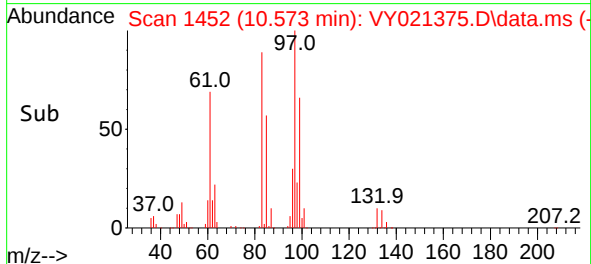
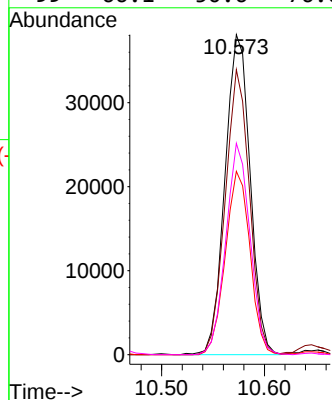
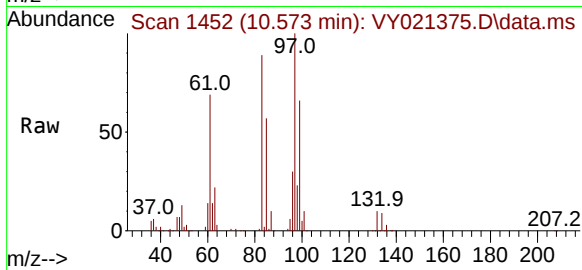
Ion Ratio Lower Upper

97 100

83 89.0 68.7 103.1

85 57.3 46.3 69.5

99 66.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 51.680 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

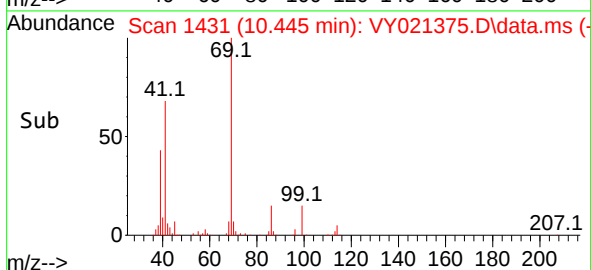
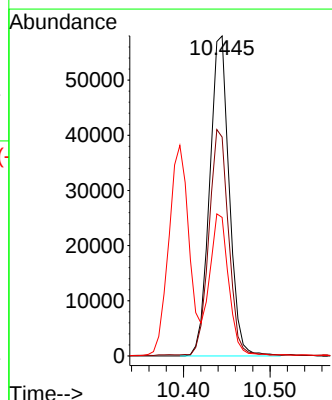
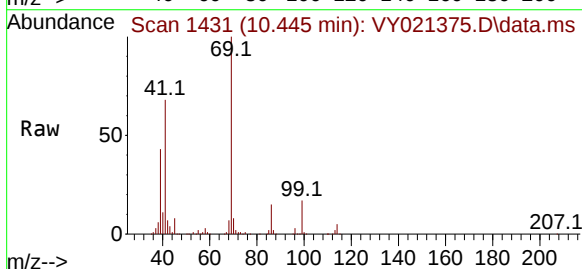
Tgt Ion: 69 Resp: 91017

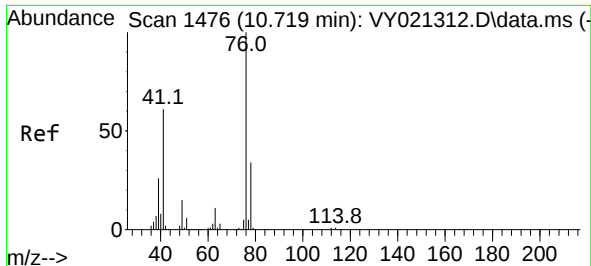
Ion Ratio Lower Upper

69 100

41 71.1 56.2 84.4

39 42.1 32.7 49.1





#57

1,3-Dichloropropane

Concen: 51.430 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

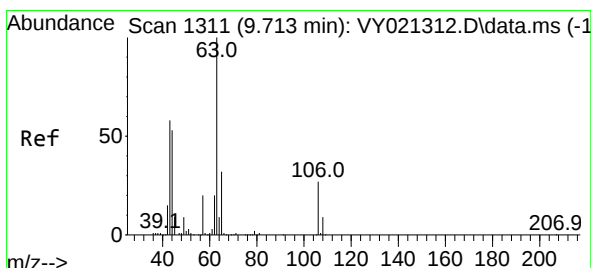
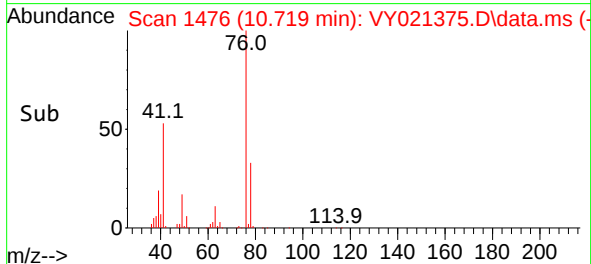
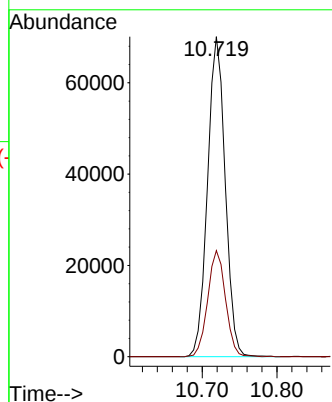
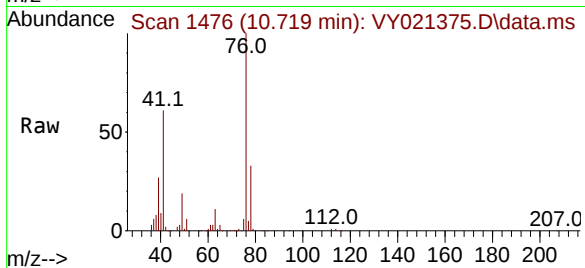
VSTDCCC050

Tgt Ion: 76 Resp: 115030

Ion Ratio Lower Upper

76 100

78 33.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 257.917 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021375.D

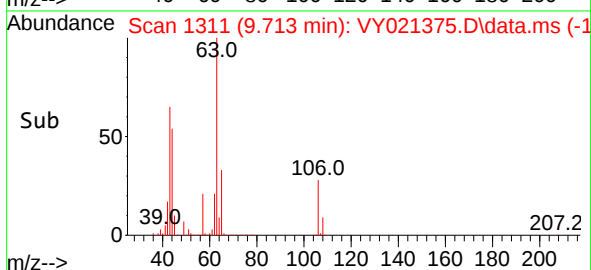
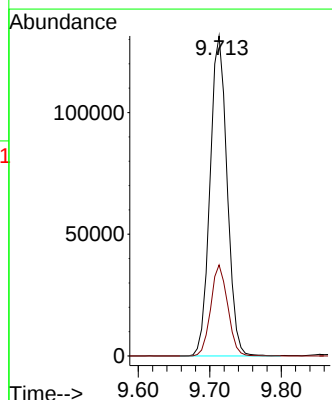
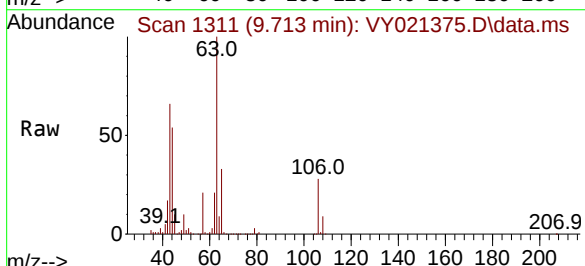
Acq: 28 Feb 2025 09:44

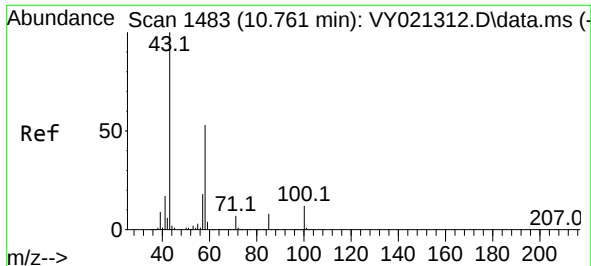
Tgt Ion: 63 Resp: 218026

Ion Ratio Lower Upper

63 100

106 28.1 21.7 32.5

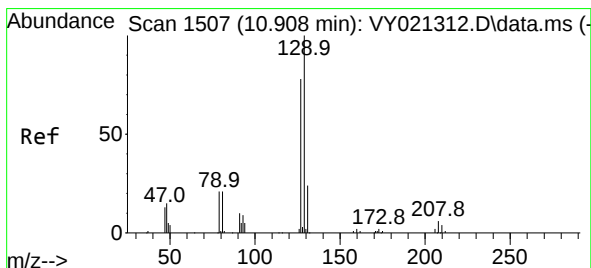
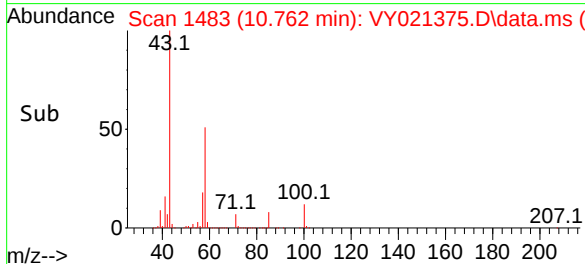
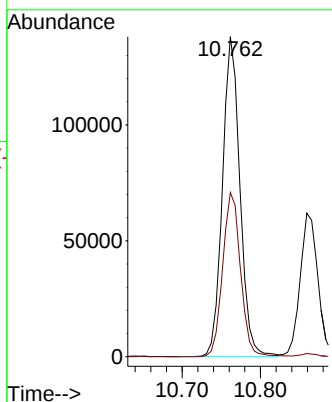
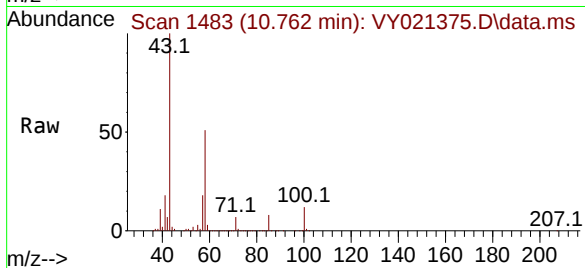




#59
2-Hexanone
Concen: 263.746 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

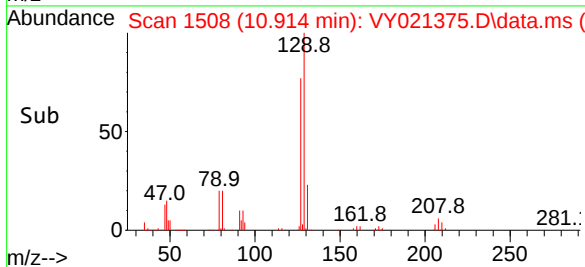
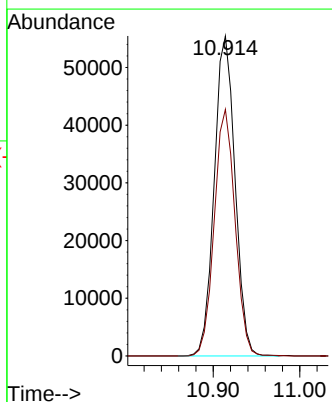
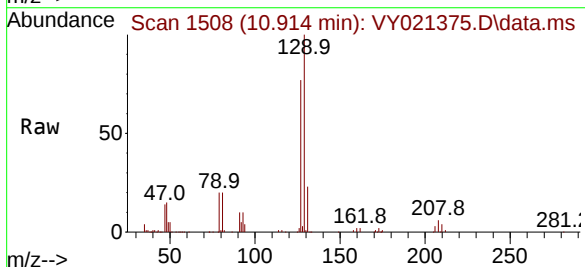
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

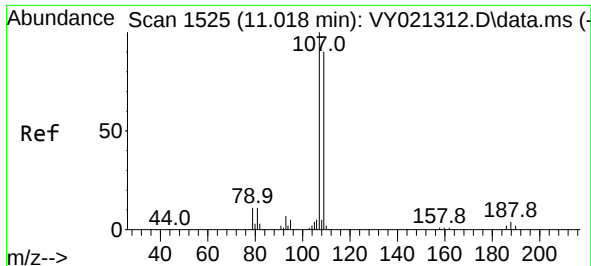
Tgt Ion: 43 Resp: 214799
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.6



#60
Dibromochloromethane
Concen: 53.214 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 129 Resp: 92375
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

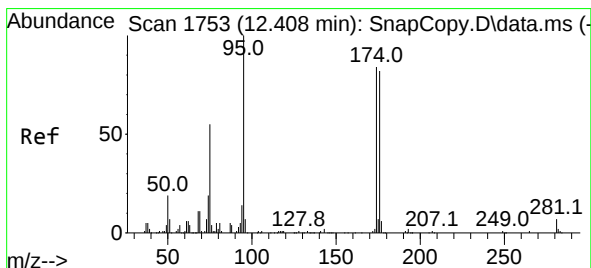
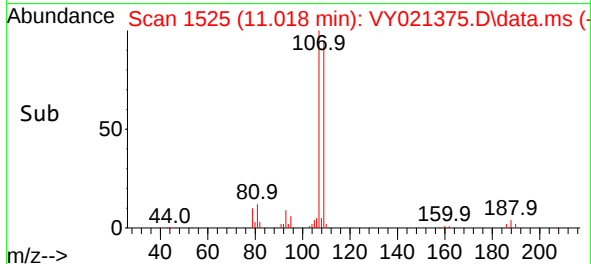
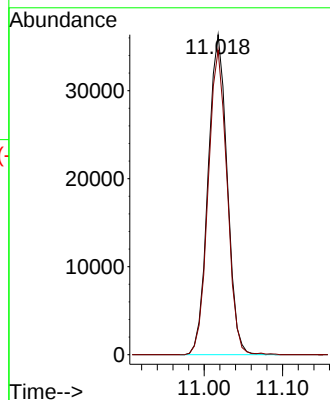
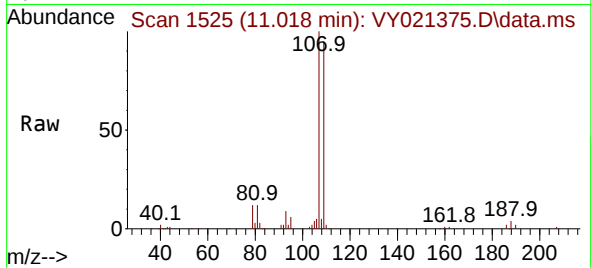




#61
1,2-Dibromoethane
Concen: 50.958 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

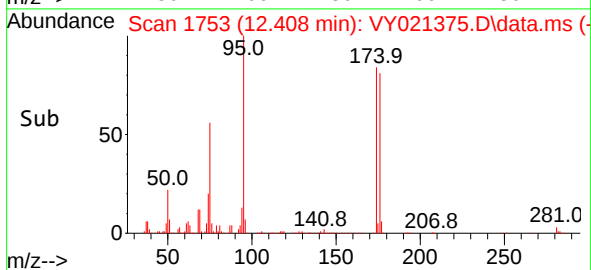
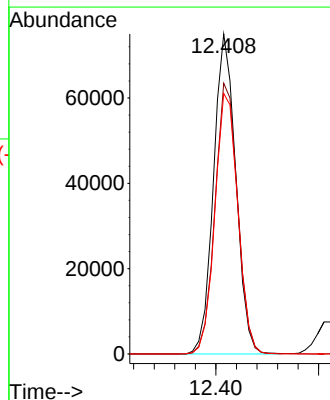
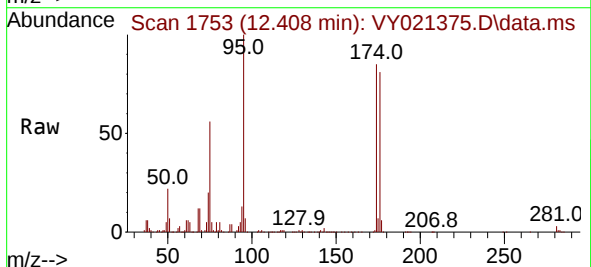
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

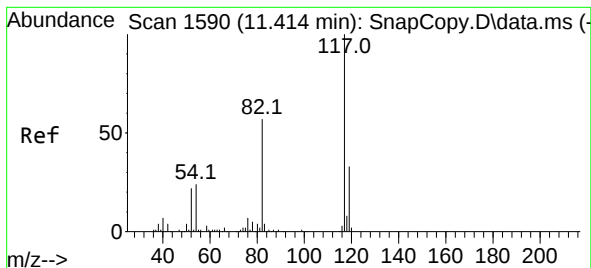
Tgt Ion:107 Resp: 61490
Ion Ratio Lower Upper
107 100
109 93.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 95 Resp: 112745
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 83.8 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

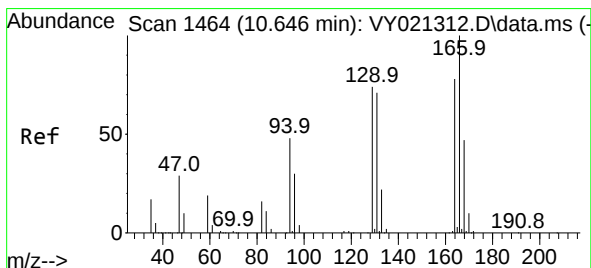
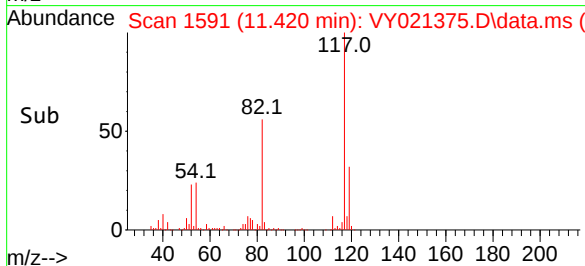
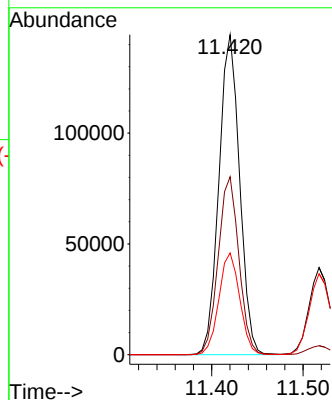
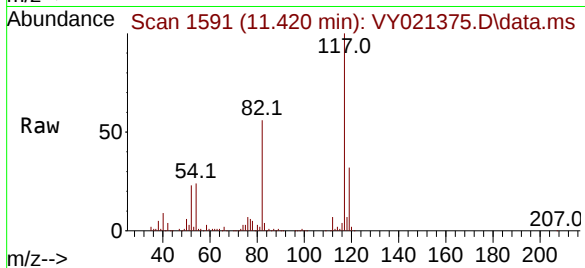
Tgt Ion:117 Resp: 227302

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.8 24.9 37.3



#64

Tetrachloroethene

Concen: 52.180 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion:164 Resp: 89648

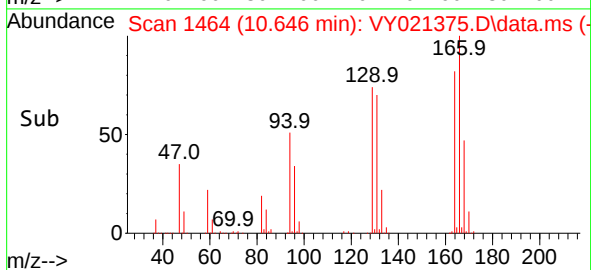
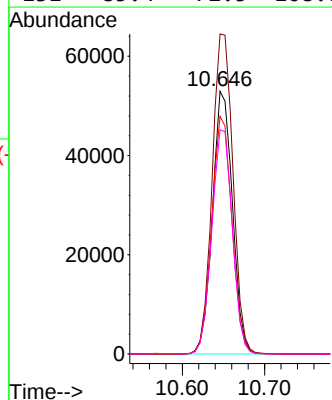
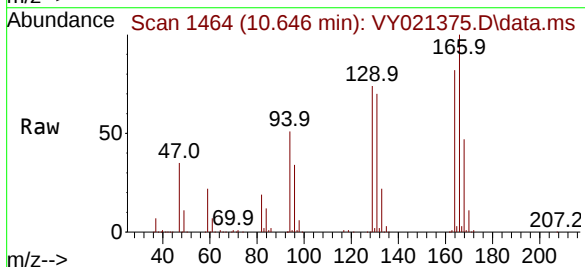
Ion Ratio Lower Upper

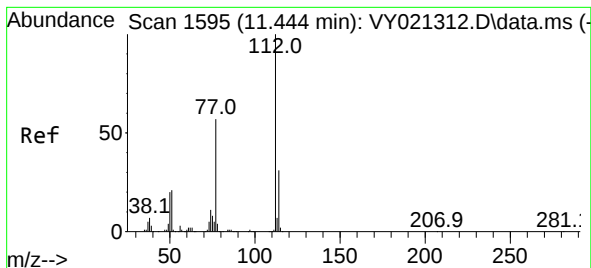
164 100

166 121.8 101.9 152.9

129 90.4 75.5 113.3

131 85.4 72.5 108.7





#65

Chlorobenzene

Concen: 51.394 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

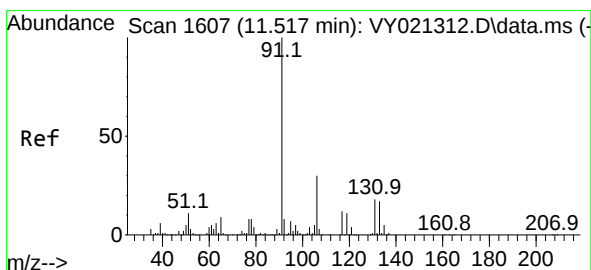
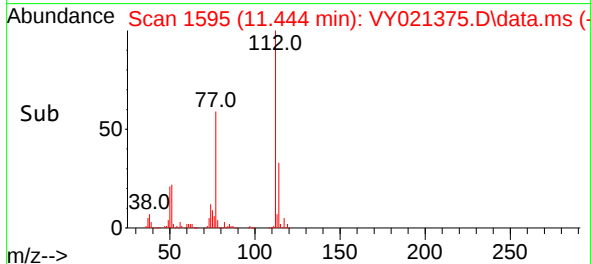
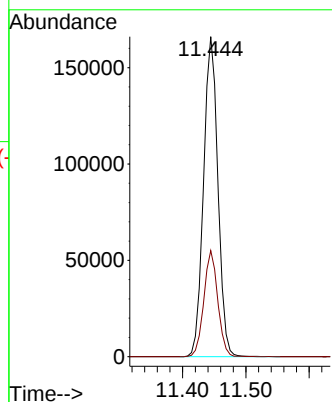
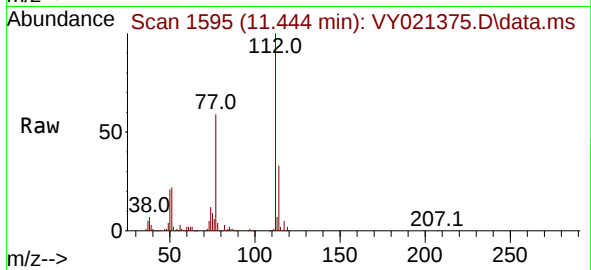
VSTDCCC050

Tgt Ion:112 Resp: 262227

Ion Ratio Lower Upper

112 100

114 33.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.434 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

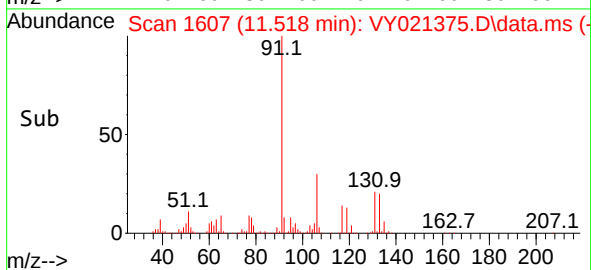
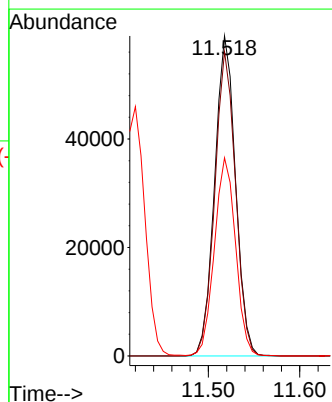
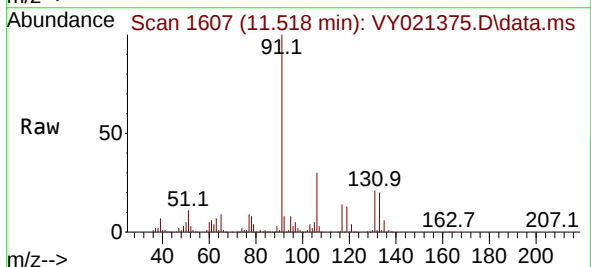
Tgt Ion:131 Resp: 93678

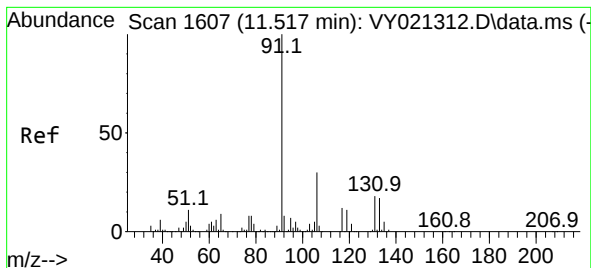
Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.6

119 62.8 31.7 95.1





#67

Ethyl Benzene

Concen: 51.326 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

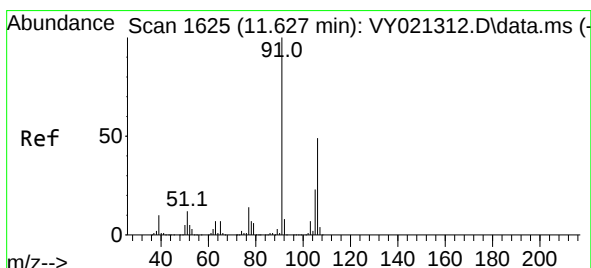
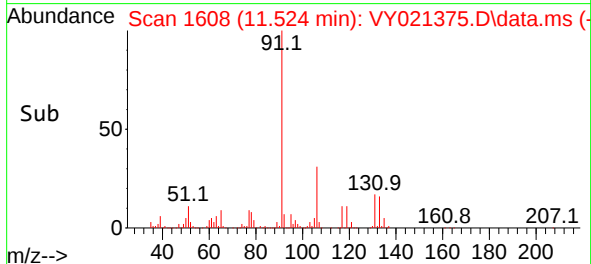
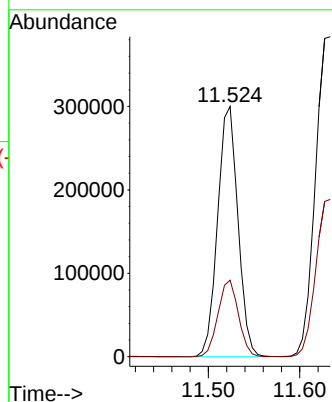
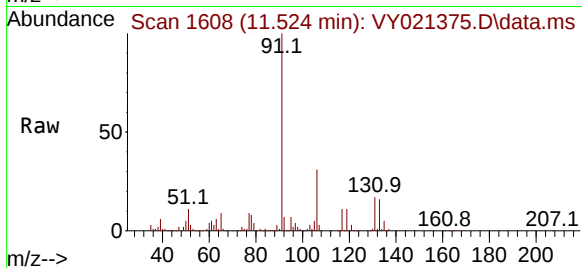
VSTDCCC050

Tgt Ion: 91 Resp: 463868

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 103.688 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021375.D

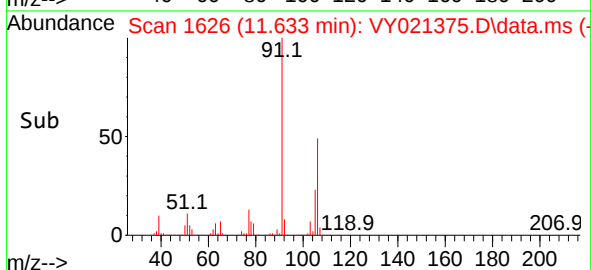
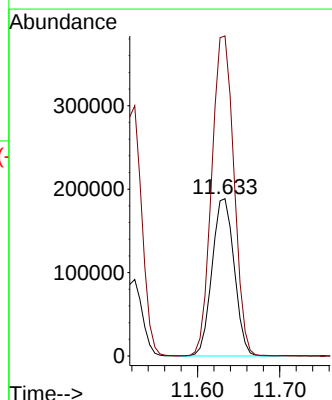
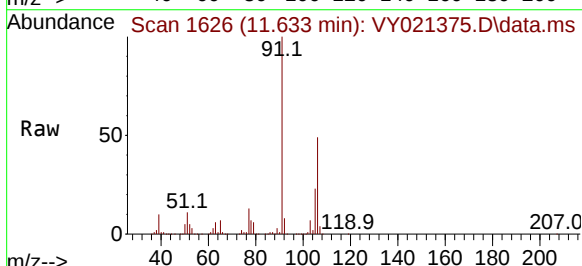
Acq: 28 Feb 2025 09:44

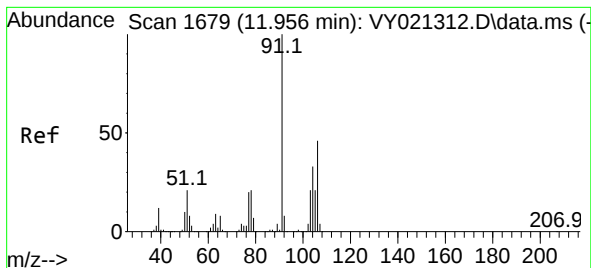
Tgt Ion:106 Resp: 352476

Ion Ratio Lower Upper

106 100

91 204.6 163.9 245.9





#69

o-Xylene

Concen: 51.528 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

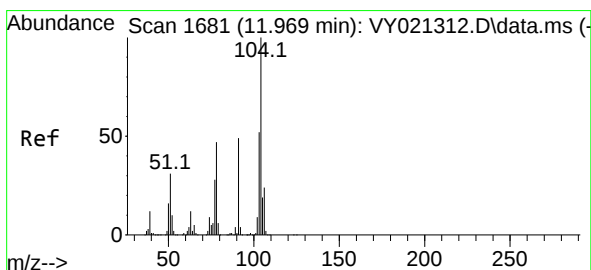
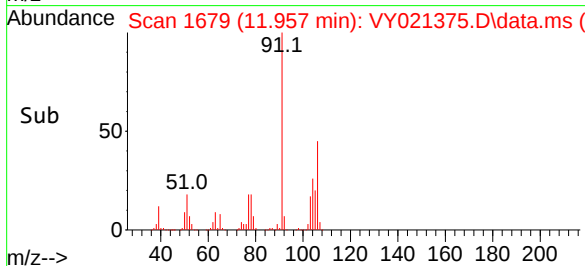
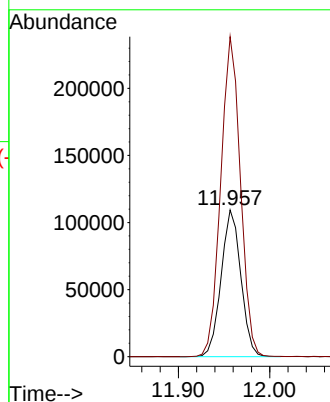
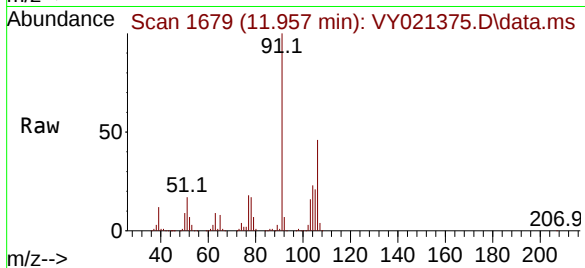
VSTDCCC050

Tgt Ion:106 Resp: 164095

Ion Ratio Lower Upper

106 100

91 217.9 108.1 324.2



#70

Styrene

Concen: 52.962 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

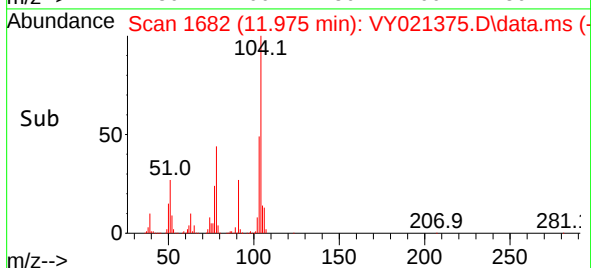
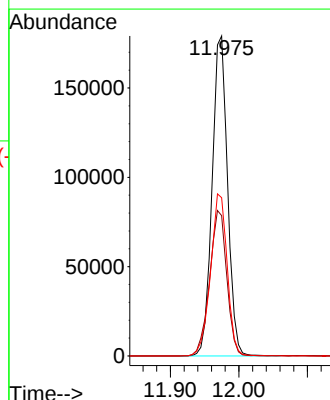
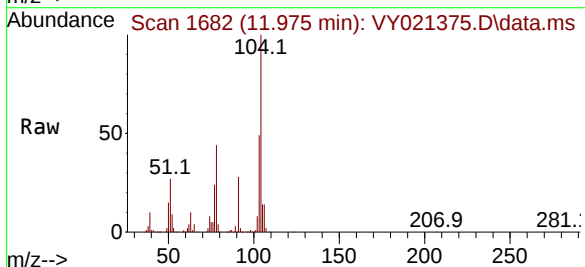
Tgt Ion:104 Resp: 280622

Ion Ratio Lower Upper

104 100

78 50.7 41.3 61.9

103 54.7 43.9 65.9





#71

Bromoform

Concen: 51.622 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

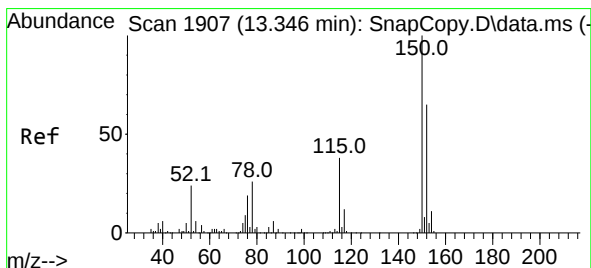
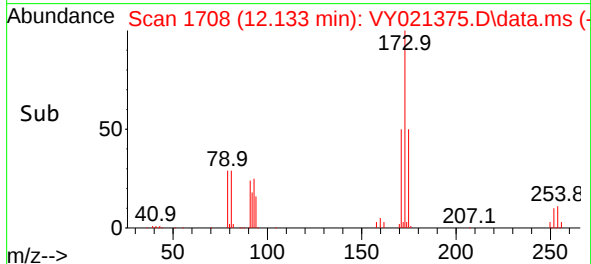
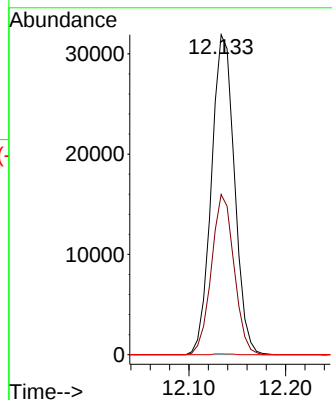
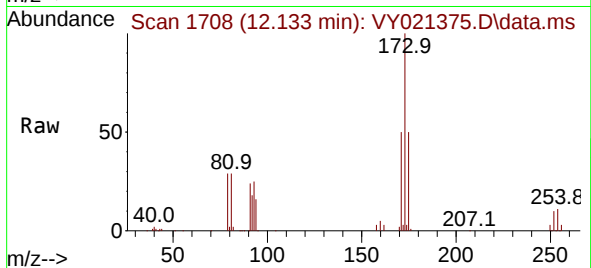
Tgt Ion:173 Resp: 52761

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

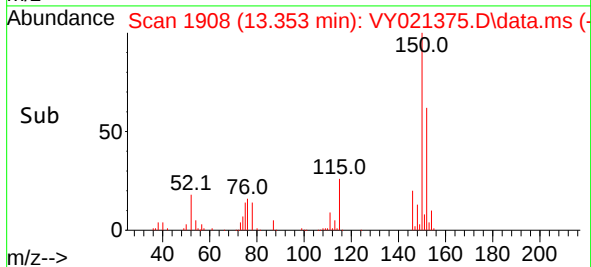
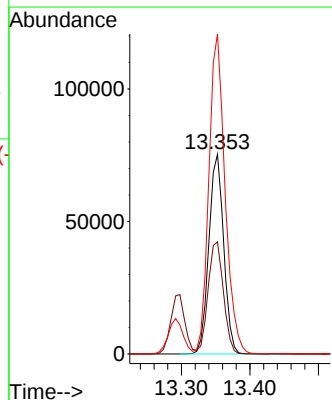
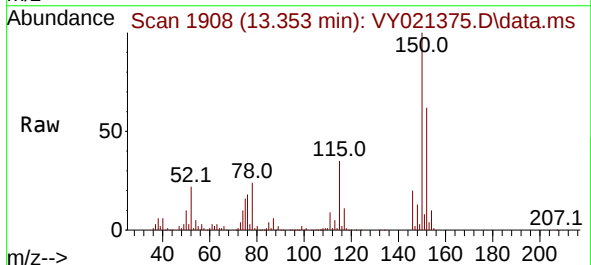
Tgt Ion:152 Resp: 113605

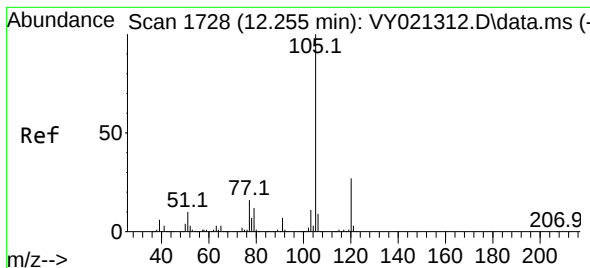
Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

150 174.6 0.0 347.4





#73

Isopropylbenzene

Concen: 51.354 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

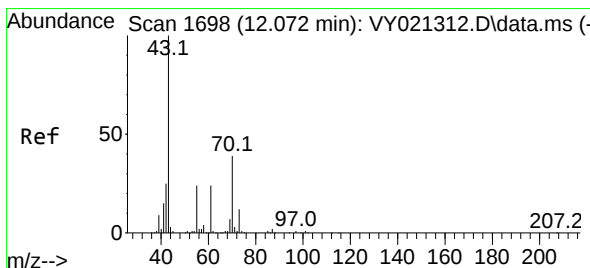
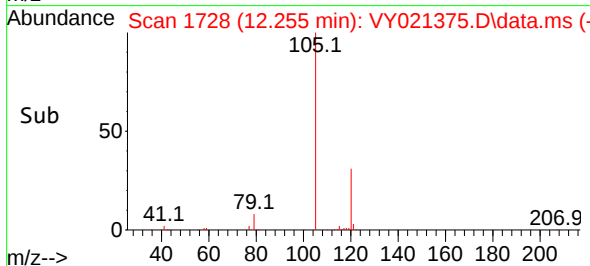
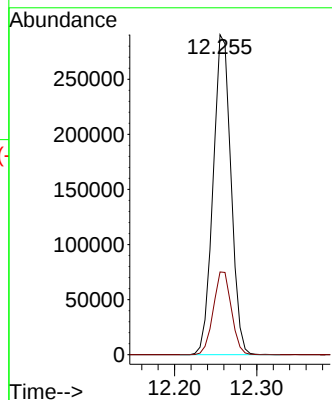
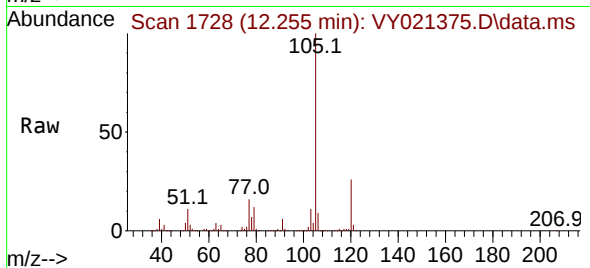
VSTDCCC050

Tgt Ion:105 Resp: 438599

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 48.742 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion: 43 Resp: 105812

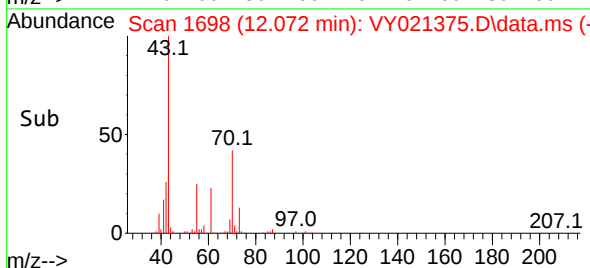
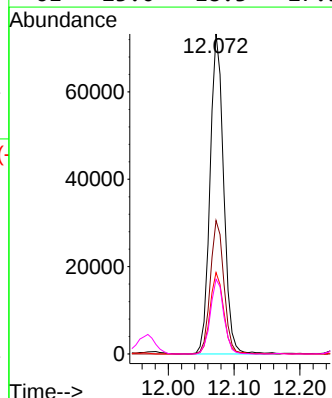
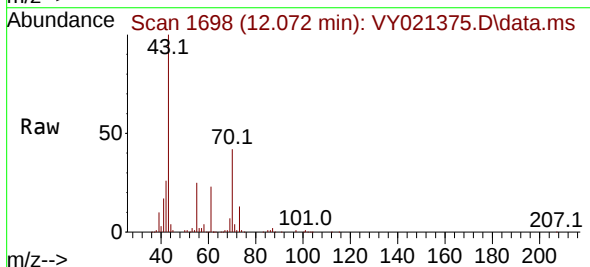
Ion Ratio Lower Upper

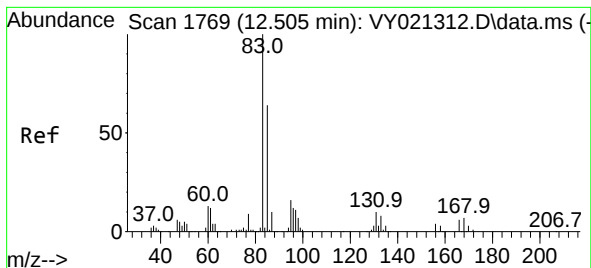
43 100

70 41.4 32.2 48.2

55 25.5 19.6 29.4

61 23.0 18.3 27.5





#75

1,1,2-Tetrachloroethane

Concen: 49.325 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

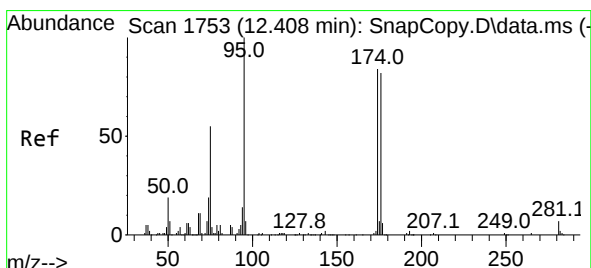
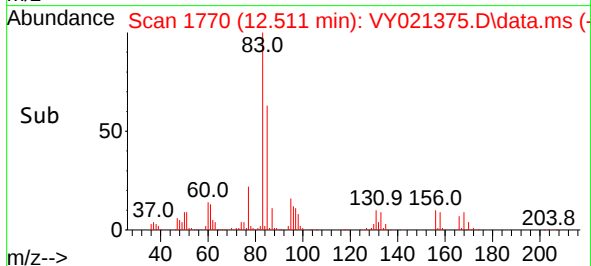
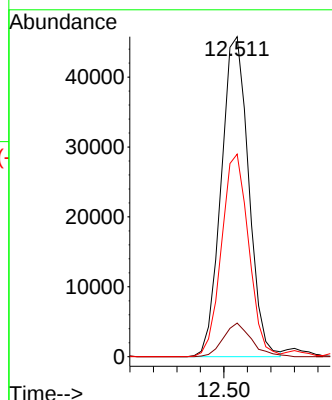
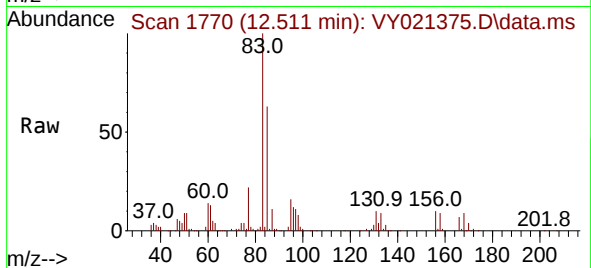
Tgt Ion: 83 Resp: 74349

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.789 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021375.D

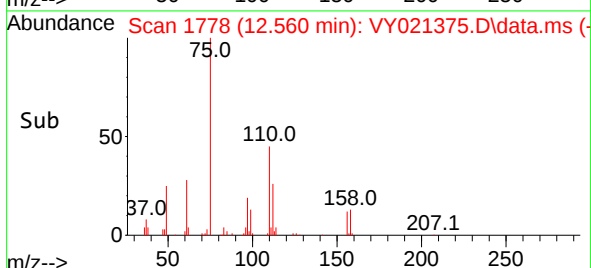
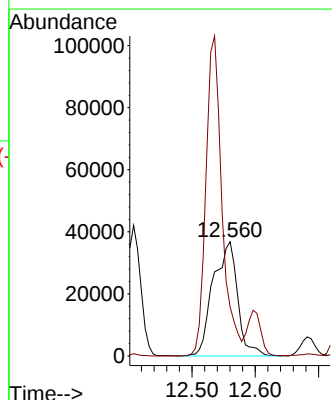
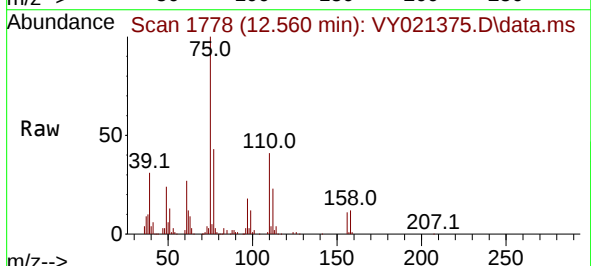
Acq: 28 Feb 2025 09:44

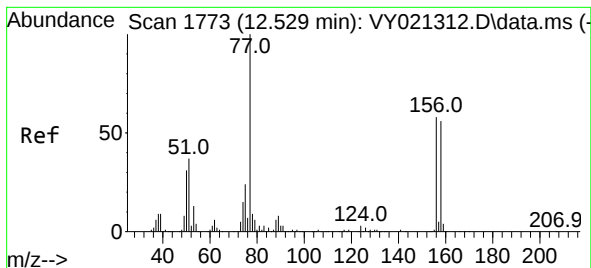
Tgt Ion: 75 Resp: 98690

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.947 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

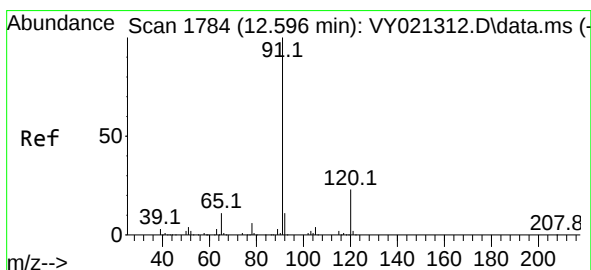
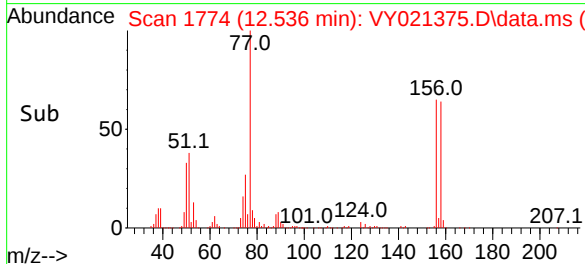
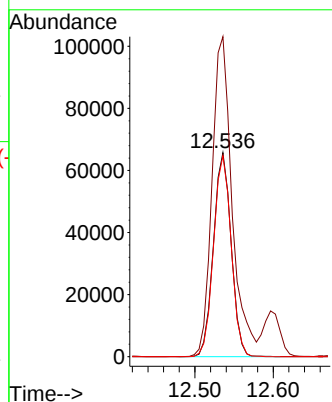
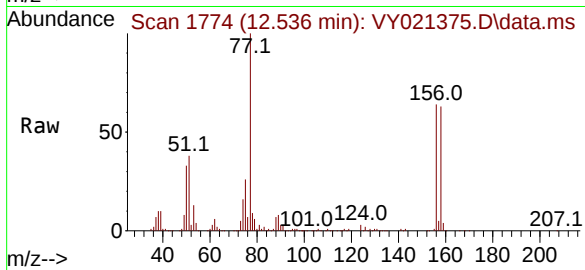
Tgt Ion:156 Resp: 103195

Ion Ratio Lower Upper

156 100

77 177.0 94.0 282.1

158 98.3 48.7 146.1



#78

n-propylbenzene

Concen: 50.847 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021375.D

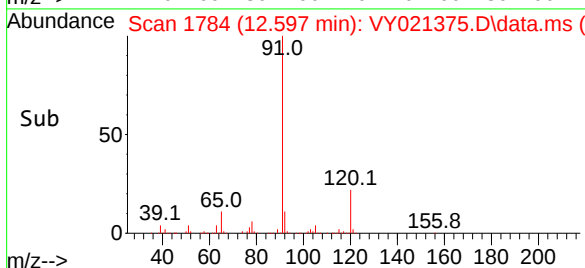
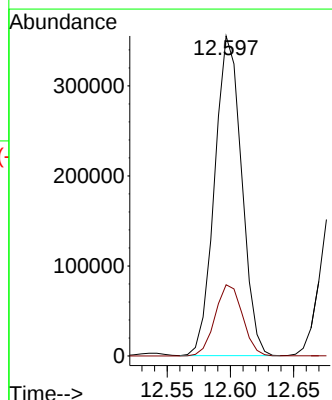
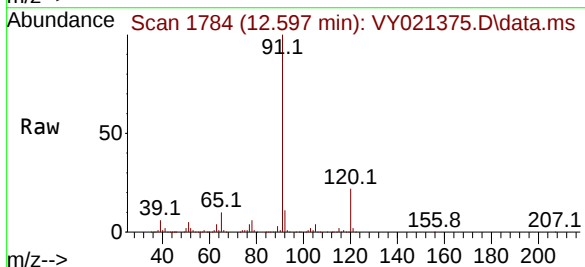
Acq: 28 Feb 2025 09:44

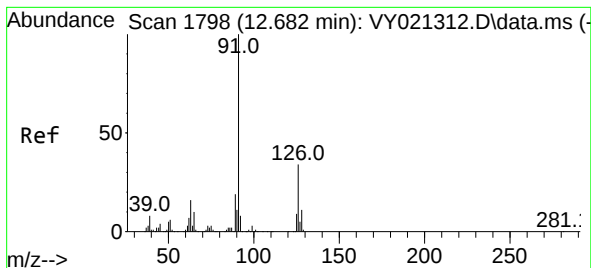
Tgt Ion: 91 Resp: 526975

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

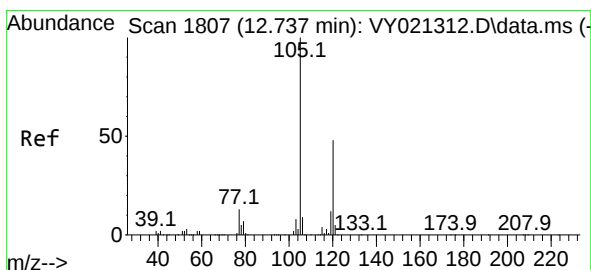
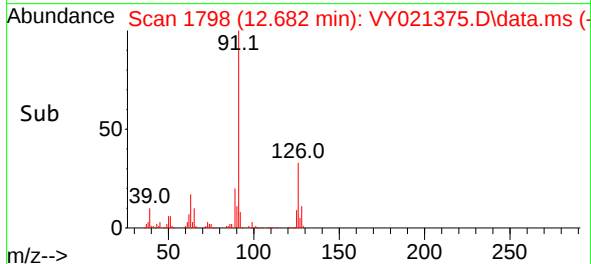
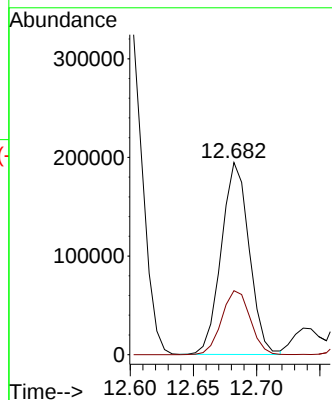
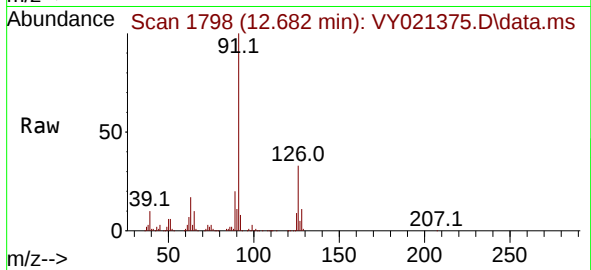




#79
2-Chlorotoluene
Concen: 50.185 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

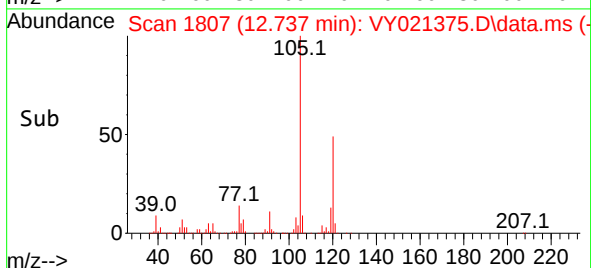
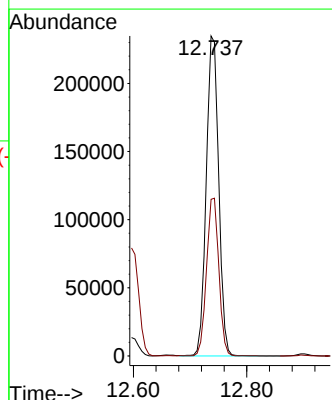
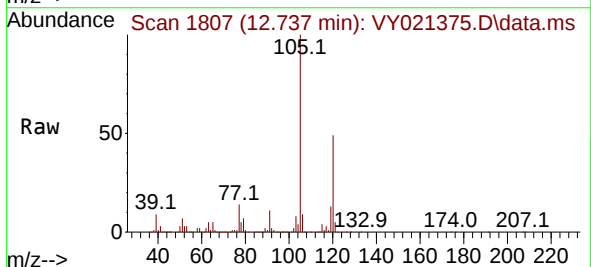
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

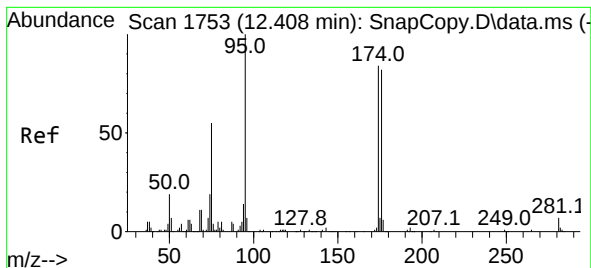
Tgt Ion: 91 Resp: 298498
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.032 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:105 Resp: 357472
Ion Ratio Lower Upper
105 100
120 48.9 24.3 73.0

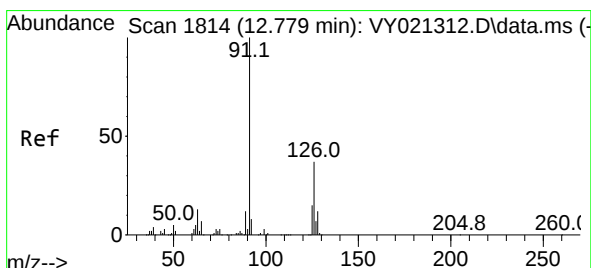
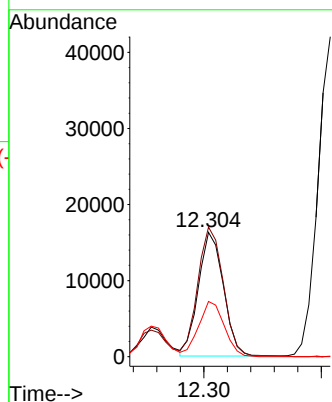
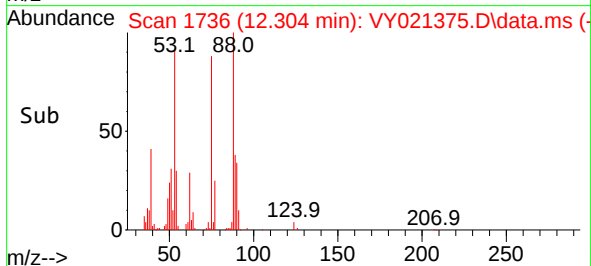
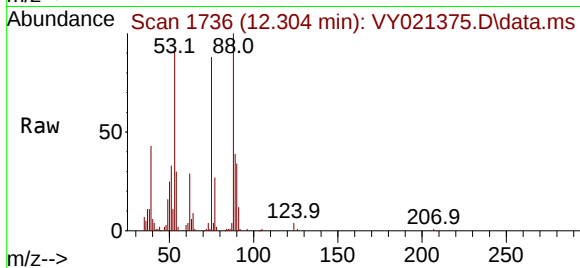




#81
trans-1,4-Dichloro-2-butene
Concen: 46.995 ug/l
RT: 12.304 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

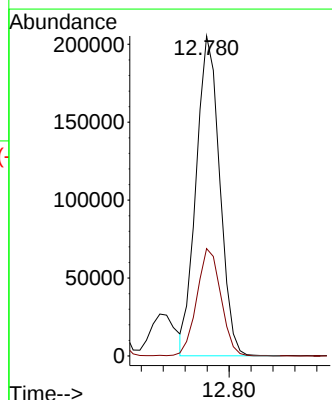
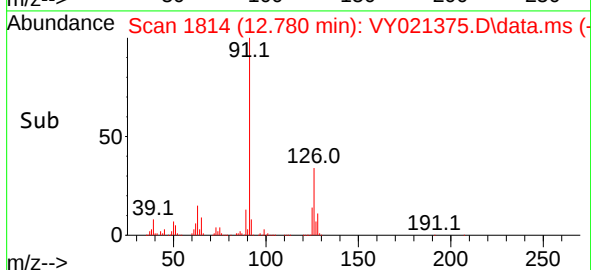
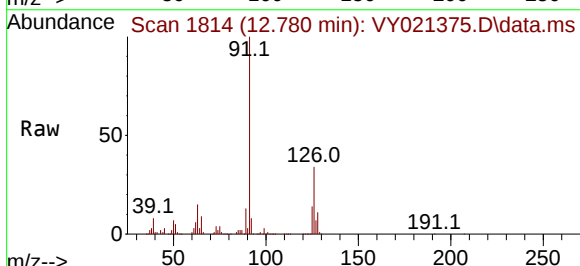
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

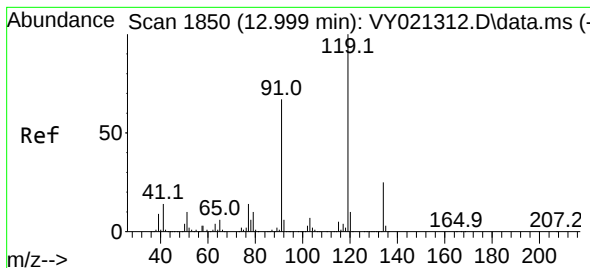
Tgt Ion: 75 Resp: 24043
Ion Ratio Lower Upper
75 100
53 107.6 79.1 118.7
89 46.0 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.658 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 91 Resp: 306178
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 49.632 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

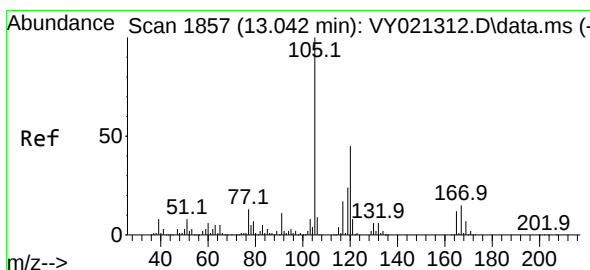
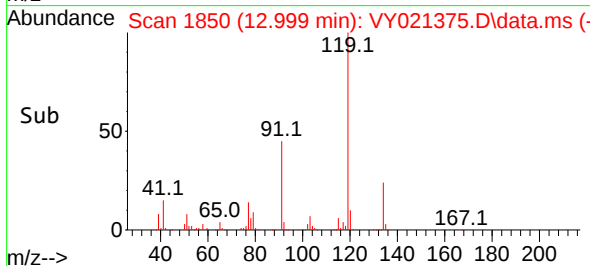
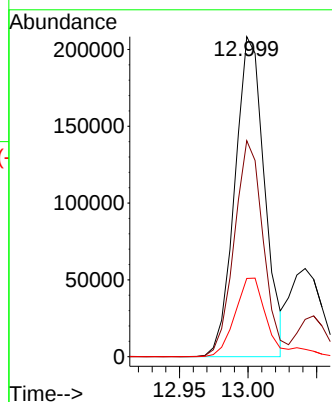
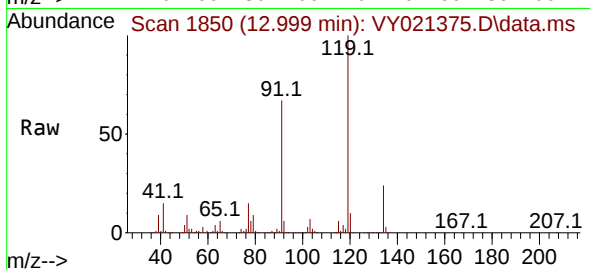
Tgt Ion:119 Resp: 314049

Ion Ratio Lower Upper

119 100

91 66.3 32.7 98.1

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.892 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021375.D

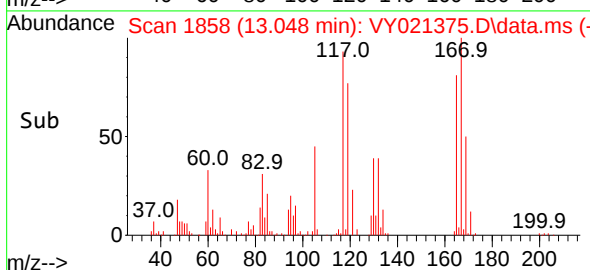
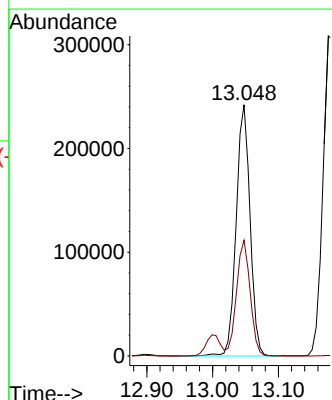
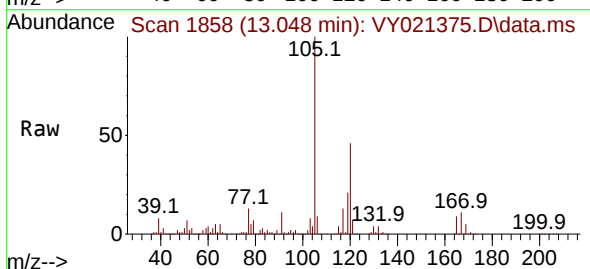
Acq: 28 Feb 2025 09:44

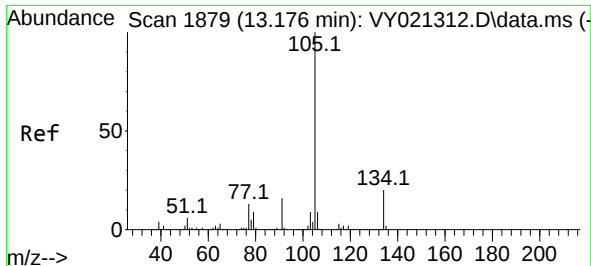
Tgt Ion:105 Resp: 354550

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.3

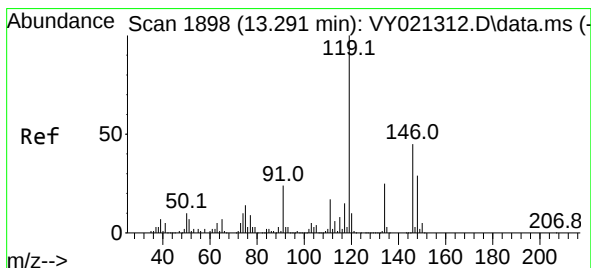
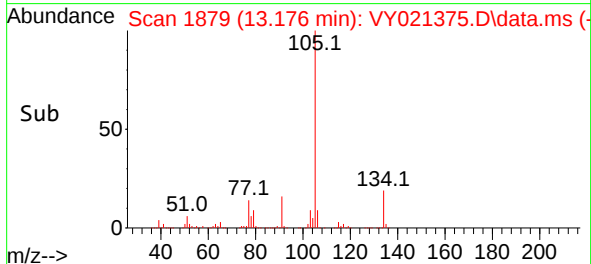
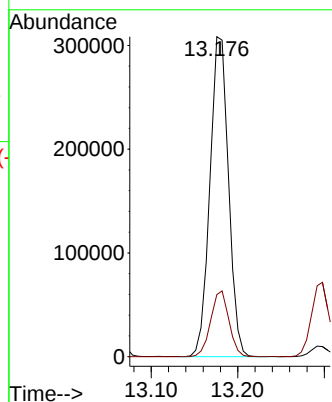
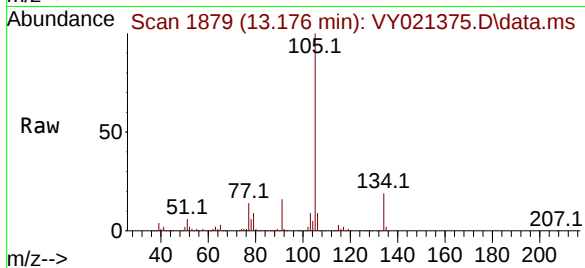




#85
 sec-Butylbenzene
 Concen: 49.819 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

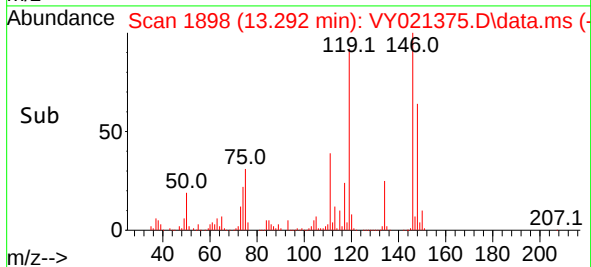
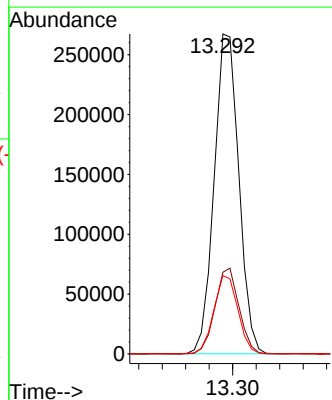
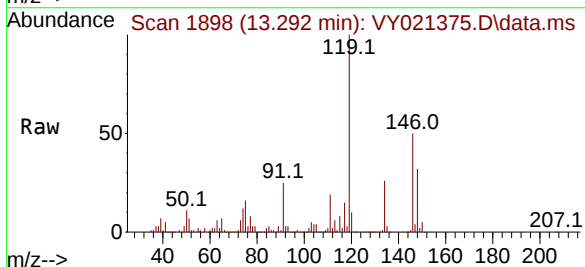
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

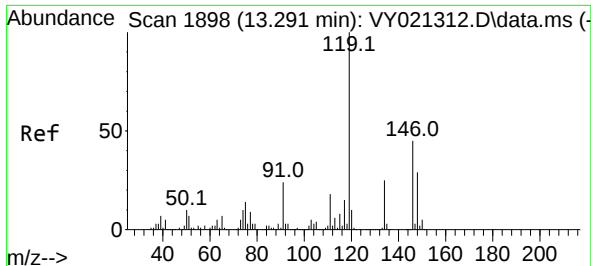
Tgt Ion:105 Resp: 460459
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 50.472 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

Tgt Ion:119 Resp: 389522
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.9 12.0 36.1

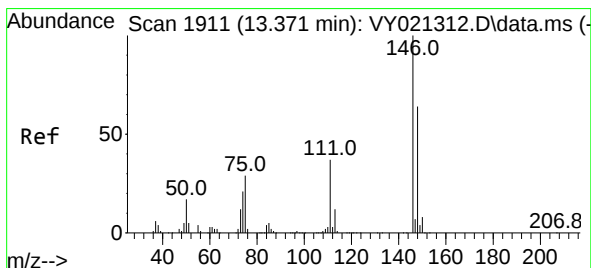
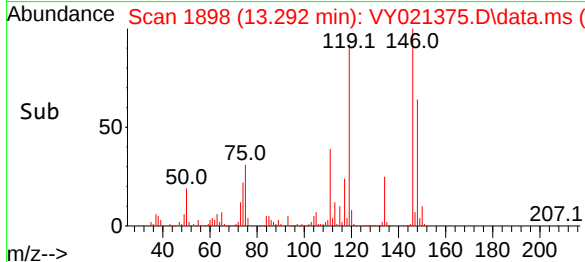
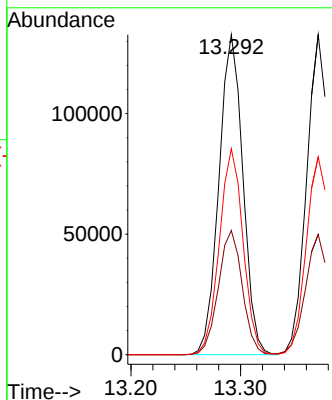
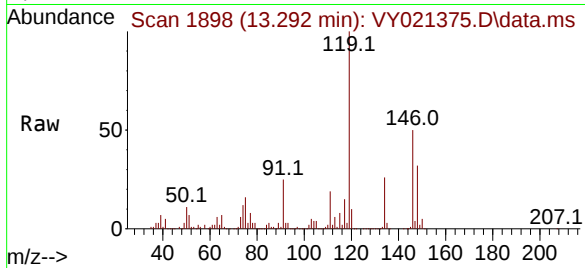




#87
1,3-Dichlorobenzene
Concen: 51.311 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

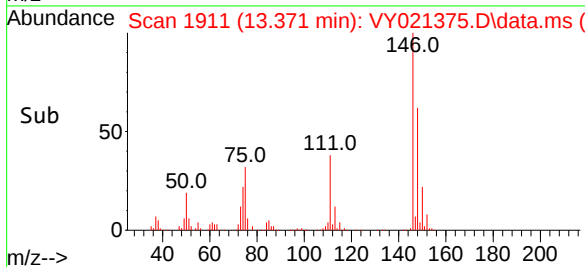
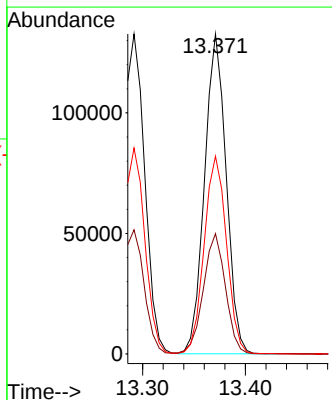
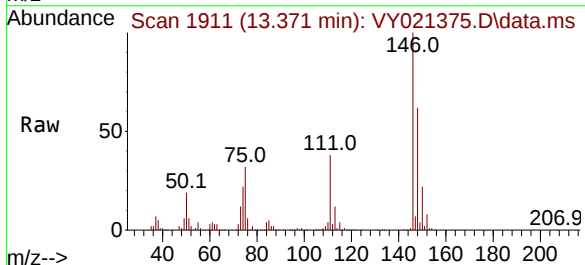
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

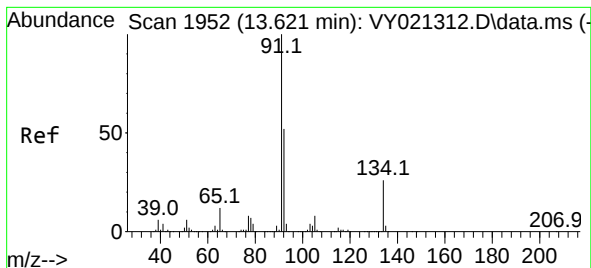
Tgt Ion:146 Resp: 201633
Ion Ratio Lower Upper
146 100
111 38.8 20.0 59.9
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 50.025 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:146 Resp: 194197
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 50.152 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

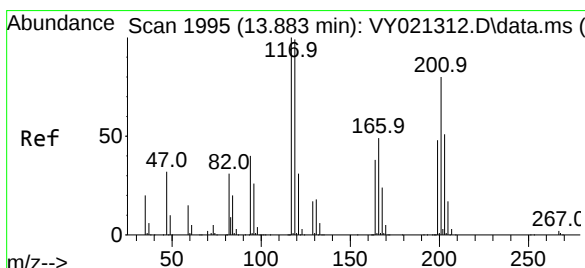
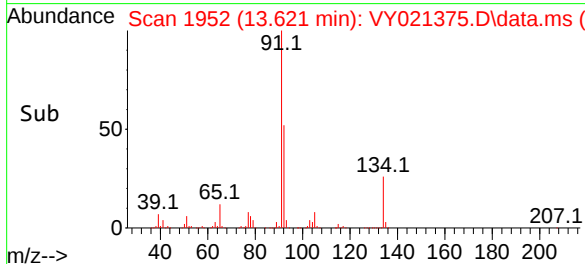
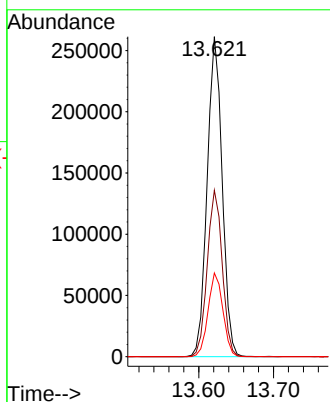
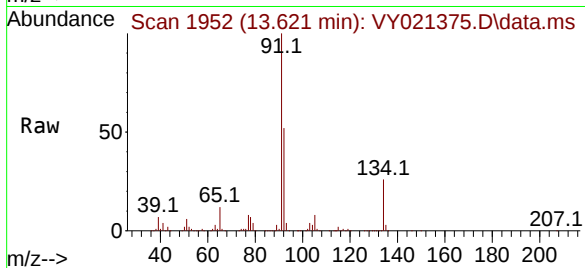
Tgt Ion: 91 Resp: 364238

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 25.8 12.7 38.0



#90

Hexachloroethane

Concen: 48.657 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021375.D

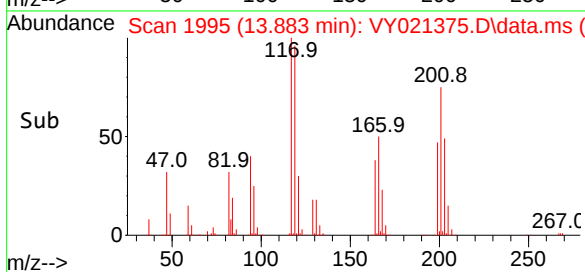
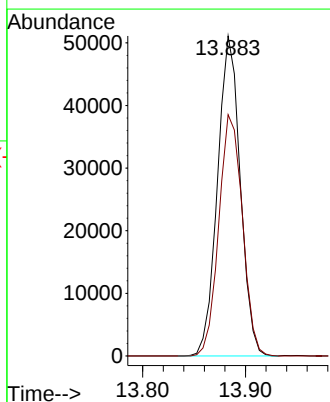
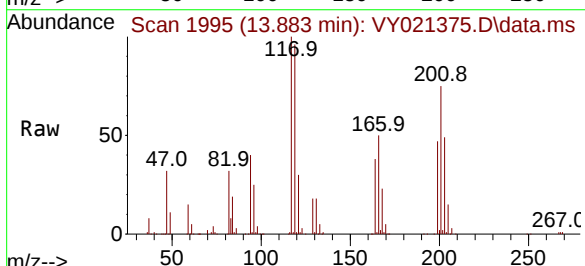
Acq: 28 Feb 2025 09:44

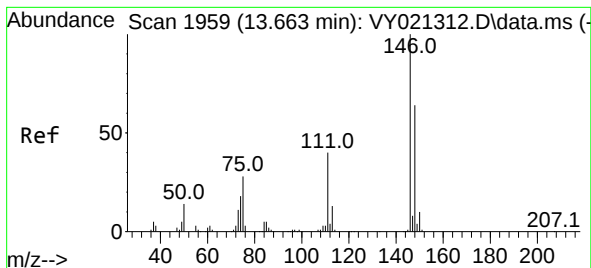
Tgt Ion: 117 Resp: 78439

Ion Ratio Lower Upper

117 100

201 78.3 38.4 115.2





#91

1,2-Dichlorobenzene

Concen: 50.334 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

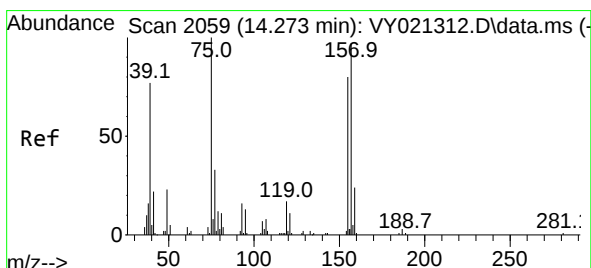
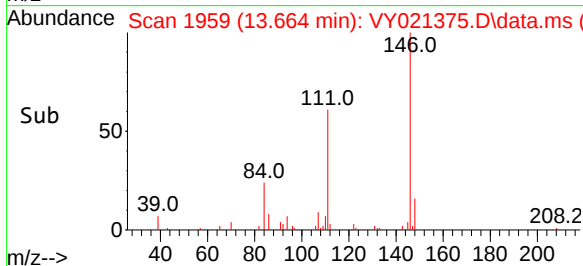
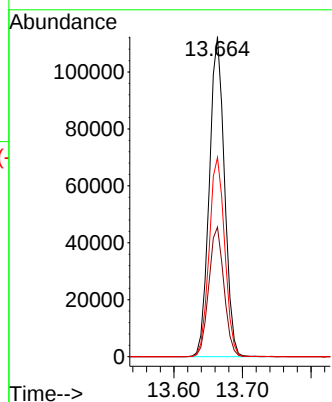
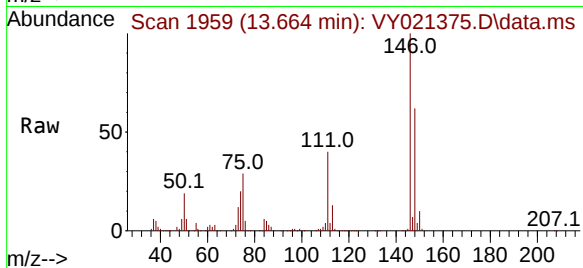
Tgt Ion:146 Resp: 173292

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

148 63.7 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.334 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

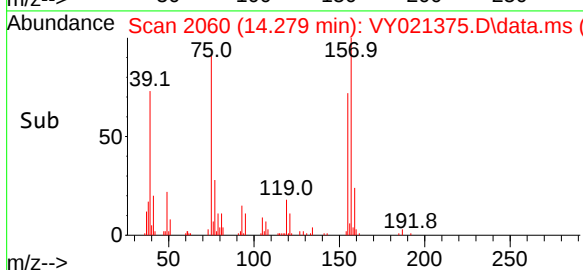
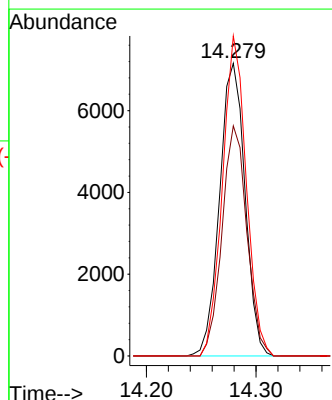
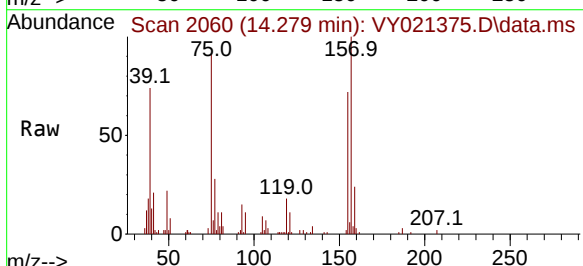
Tgt Ion: 75 Resp: 11525

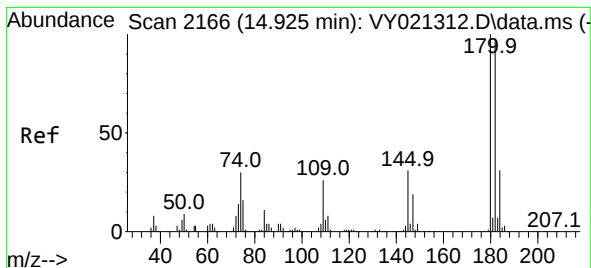
Ion Ratio Lower Upper

75 100

155 76.8 41.9 125.6

157 102.5 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 48.537 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

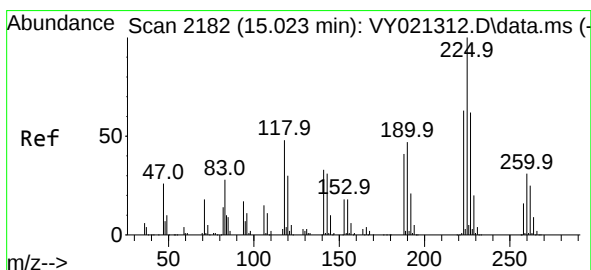
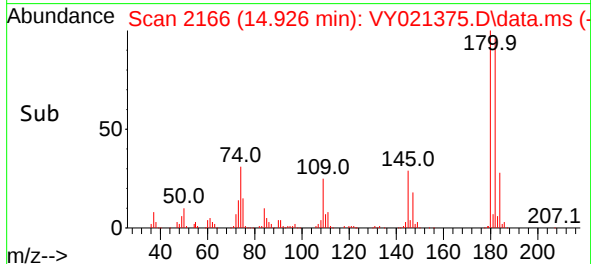
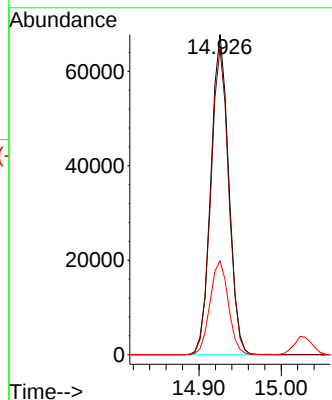
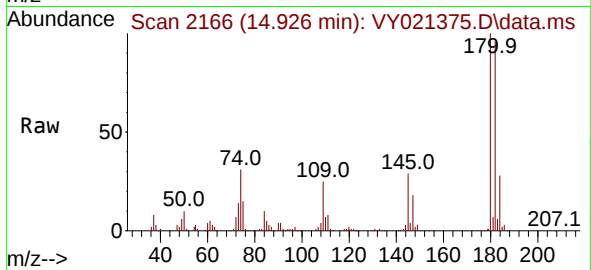
Tgt Ion:180 Resp: 101991

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 30.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 49.149 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

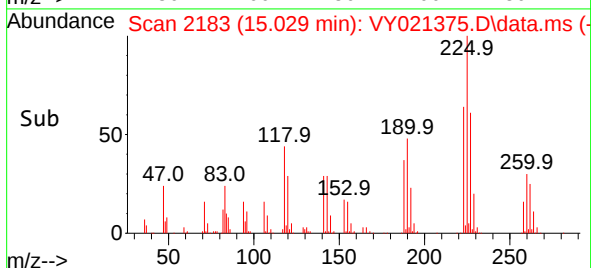
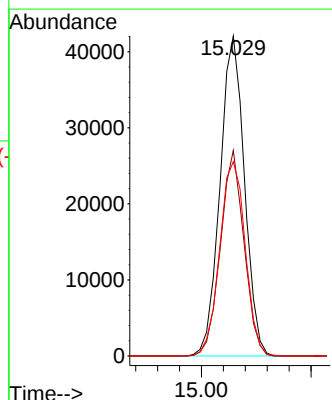
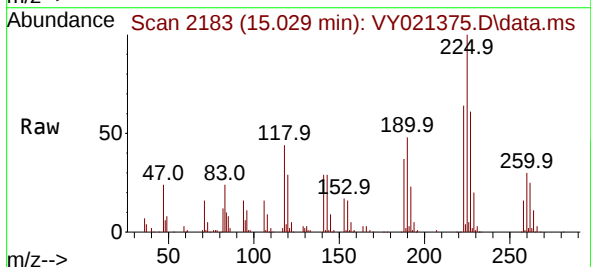
Tgt Ion:225 Resp: 65020

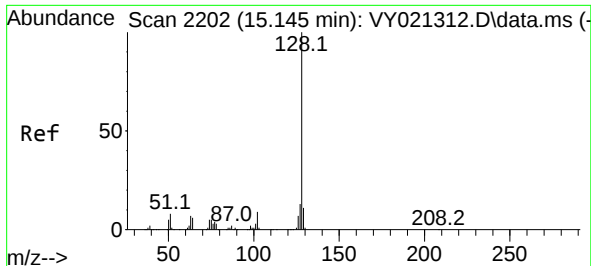
Ion Ratio Lower Upper

225 100

223 61.8 31.8 95.4

227 63.7 31.9 95.7

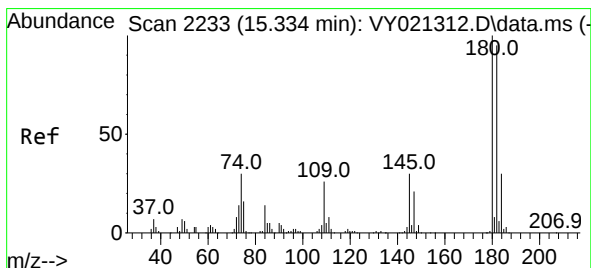
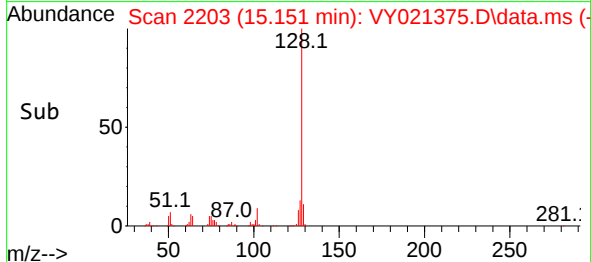
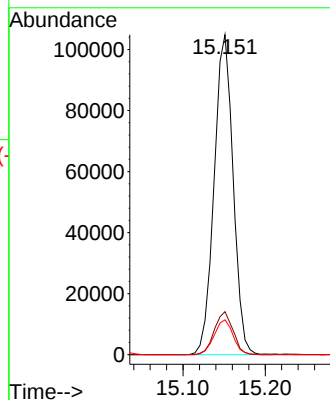
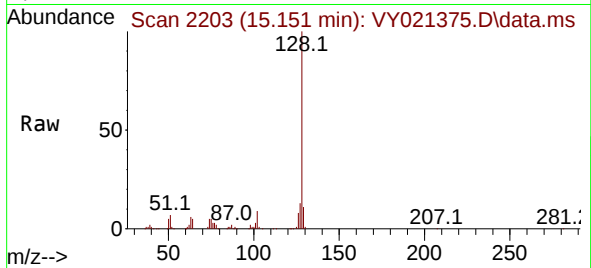




#95
Naphthalene
Concen: 48.393 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 168433
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 47.212 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:180 Resp: 83821
Ion Ratio Lower Upper
180 100
182 97.7 48.3 144.9
145 32.6 16.1 48.3

