

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021882.D
 Acq On : 15 Apr 2025 09:03
 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: Apr 16 02:59:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	252212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	387709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	344739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	129583	47.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.634	113	127454	50.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.109	98	474914	49.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.407	95	169500	52.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	113219	43.311	ug/l	99
3) Chloromethane	2.068	50	149844	40.765	ug/l	98
4) Vinyl Chloride	2.202	62	176616	42.486	ug/l	99
5) Bromomethane	2.592	94	118907	41.939	ug/l	97
6) Chloroethane	2.732	64	117566	43.220	ug/l	98
7) Trichlorofluoromethane	3.055	101	242127	45.468	ug/l	95
8) Diethyl Ether	3.452	74	70593	48.747	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	134051	47.729	ug/l	98
10) Methyl Iodide	4.000	142	159189	51.664	ug/l	99
11) Tert butyl alcohol	4.854	59	43683	246.112	ug/l	96
12) 1,1-Dichloroethene	3.787	96	127397	48.157	ug/l	98
13) Acrolein	3.653	56	17545	54.136	ug/l	100
14) Allyl chloride	4.384	41	202967	48.120	ug/l	99
15) Acrylonitrile	5.055	53	151497	250.549	ug/l	100
16) Acetone	3.866	43	123279	220.431	ug/l	96
17) Carbon Disulfide	4.104	76	388647	44.603	ug/l	99
18) Methyl Acetate	4.378	43	84171	60.726	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	338811	51.442	ug/l	99
20) Methylene Chloride	4.610	84	143772	52.748	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	143403	49.233	ug/l	98
22) Diisopropyl ether	6.018	45	443040	50.071	ug/l	96
23) Vinyl Acetate	5.957	43	1244327	240.393	ug/l	99
24) 1,1-Dichloroethane	5.915	63	260502	49.237	ug/l	99
25) 2-Butanone	6.890	43	194407	243.373	ug/l	98
26) 2,2-Dichloropropane	6.884	77	235182	49.972	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	167021	50.990	ug/l	98
28) Bromochloromethane	7.244	49	109032	48.864	ug/l	94
29) Tetrahydrofuran	7.262	42	126629	246.311	ug/l	97
30) Chloroform	7.420	83	275737	50.107	ug/l	98
31) Cyclohexane	7.701	56	215380	44.657	ug/l	97
32) 1,1,1-Trichloroethane	7.615	97	246437	49.549	ug/l	99
36) 1,1-Dichloropropene	7.835	75	190706	49.783	ug/l	98
37) Ethyl Acetate	6.981	43	87596	48.452	ug/l	99
38) Carbon Tetrachloride	7.817	117	223203	50.872	ug/l	99
39) Methylcyclohexane	9.109	83	229912	50.240	ug/l	99
40) Benzene	8.079	78	582905	50.810	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47562	49.538	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	164460	50.851	ug/l	99
43) Isopropyl Acetate	8.195	43	173604	50.671	ug/l #	85
44) Trichloroethene	8.865	130	157315	53.820	ug/l	99
45) 1,2-Dichloropropane	9.140	63	139506	51.373	ug/l	98
46) Dibromomethane	9.231	93	81279	51.935	ug/l	98
47) Bromodichloromethane	9.420	83	211248	52.093	ug/l	99
48) Methyl methacrylate	9.219	41	80874	51.433	ug/l	97
49) 1,4-Dioxane	9.231	88	18384	1096.546	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	473176	265.393	ug/l	100
52) Toluene	10.170	92	377894	52.796	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	190548	52.901	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	220353	51.856	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	106182	52.722	ug/l	98
56) Ethyl methacrylate	10.438	69	144364	56.137	ug/l	97
57) 1,3-Dichloropropane	10.719	76	184238	52.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	365010	290.953	ug/l	98
59) 2-Hexanone	10.761	43	310878	261.814	ug/l	97
60) Dibromochloromethane	10.914	129	147386	53.600	ug/l	100
61) 1,2-Dibromoethane	11.017	107	102499	54.253	ug/l	99
64) Tetrachloroethene	10.645	164	181606	57.840	ug/l	98
65) Chlorobenzene	11.444	112	411870	52.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	147773	52.704	ug/l	98
67) Ethyl Benzene	11.517	91	722279	53.300	ug/l	100
68) m/p-Xylenes	11.633	106	556160	107.178	ug/l	99
69) o-Xylene	11.956	106	264235	55.164	ug/l	99
70) Styrene	11.968	104	441254	55.250	ug/l	99
71) Bromoform	12.133	173	86599	54.146	ug/l #	100
73) Isopropylbenzene	12.255	105	692870	52.727	ug/l	100
74) N-amyl acetate	12.072	43	157994	51.230	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	111454	47.175	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	158395	90.317	ug/l #	100
77) Bromobenzene	12.535	156	166313	52.712	ug/l	96
78) n-propylbenzene	12.596	91	829804	52.525	ug/l	99
79) 2-Chlorotoluene	12.682	91	476932	51.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	569169	52.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38094	50.049	ug/l	98
82) 4-Chlorotoluene	12.779	91	496802	51.932	ug/l	99
83) tert-Butylbenzene	12.999	119	502983	52.580	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	571642	53.853	ug/l	100
85) sec-Butylbenzene	13.175	105	743617	53.193	ug/l	99
86) p-Isopropyltoluene	13.291	119	632394	54.732	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	325398	52.347	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	318449	51.852	ug/l	98
89) n-Butylbenzene	13.620	91	575537	53.861	ug/l	99
90) Hexachloroethane	13.883	117	129286	51.061	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	285549	52.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18777	51.278	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	171949	58.596	ug/l	99
94) Hexachlorobutadiene	15.029	225	103857	56.670	ug/l	99
95) Naphthalene	15.145	128	301505	61.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	149087	59.579	ug/l	99

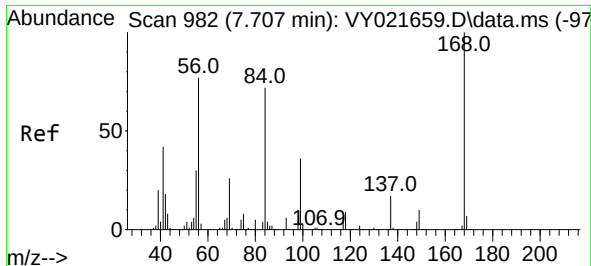
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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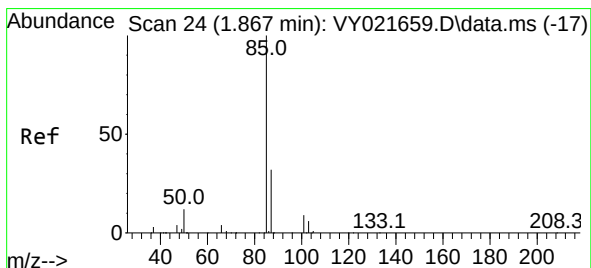
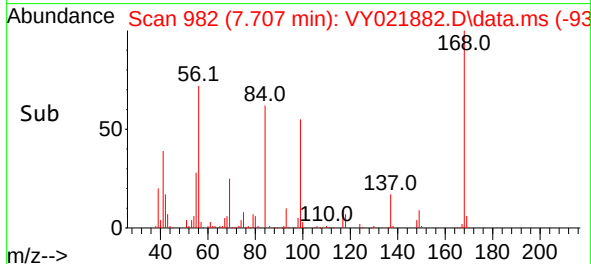
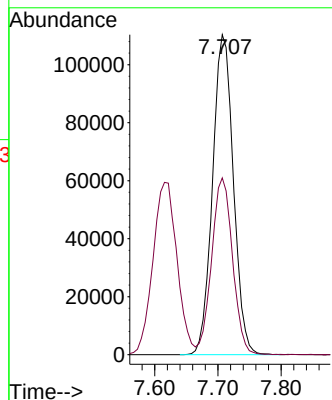
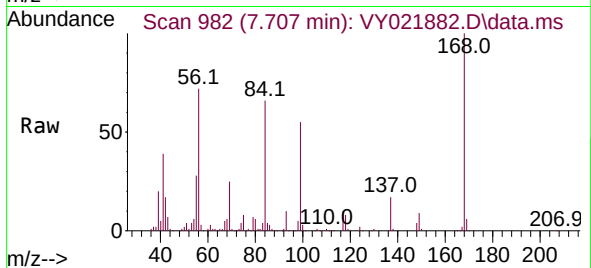
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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Acq: 15 Apr 2025 09:03

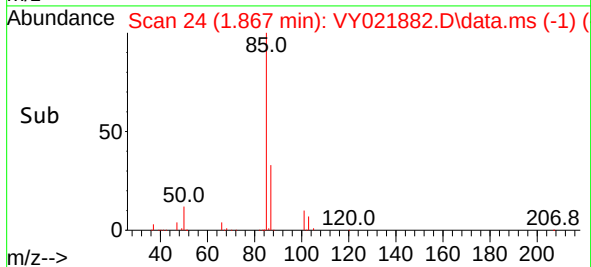
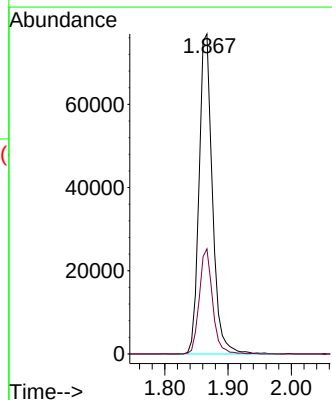
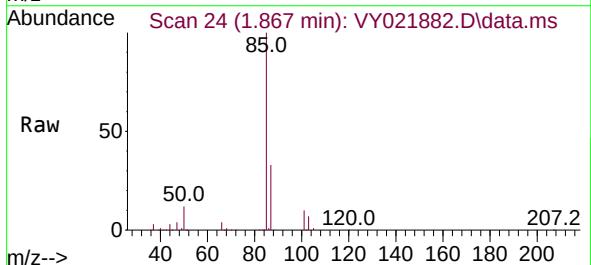
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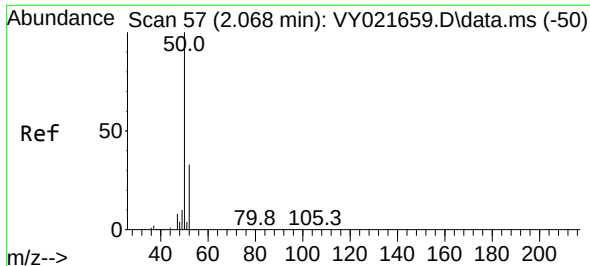
Tgt Ion:168 Resp: 252212
Ion Ratio Lower Upper
168 100
99 55.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 43.311 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 85 Resp: 113219
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

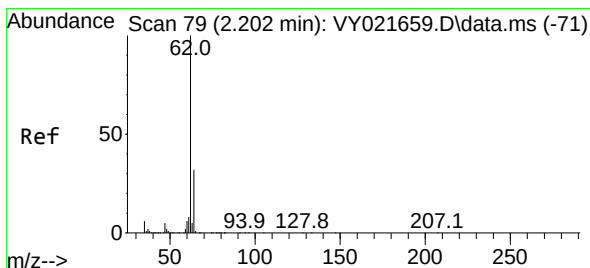
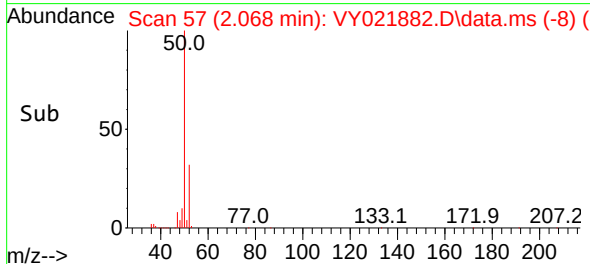
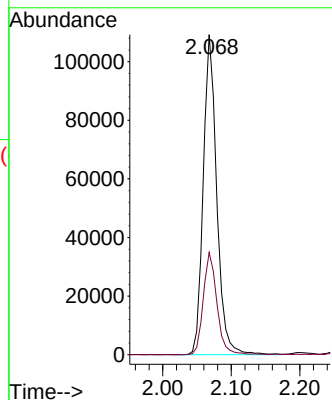
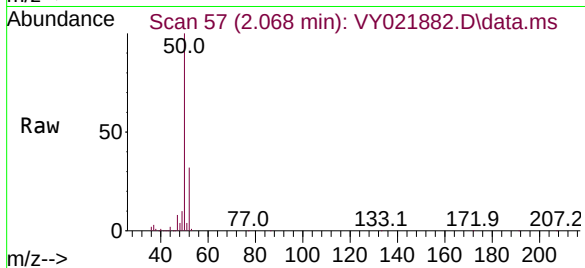




#3
Chloromethane
Concen: 40.765 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

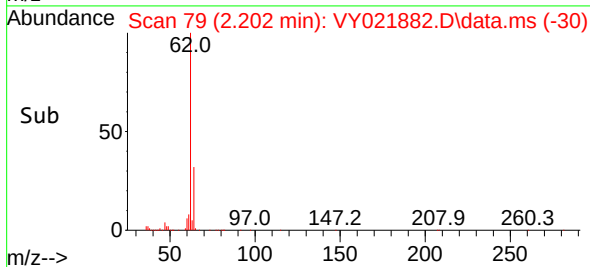
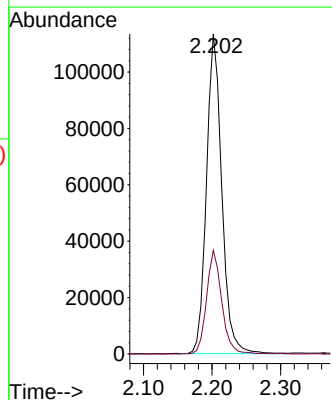
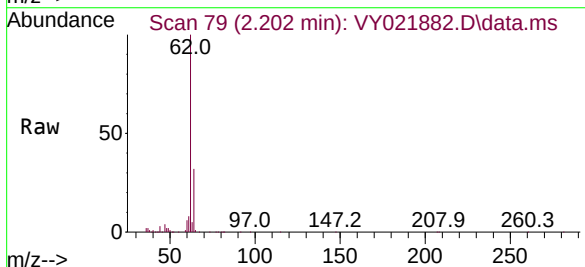
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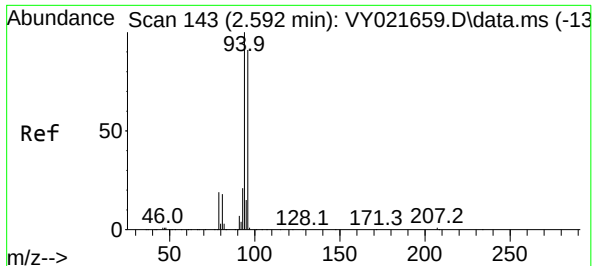
Tgt Ion: 50 Resp: 149844
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 42.486 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 62 Resp: 176616
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

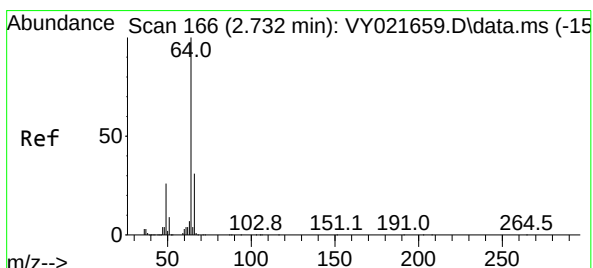
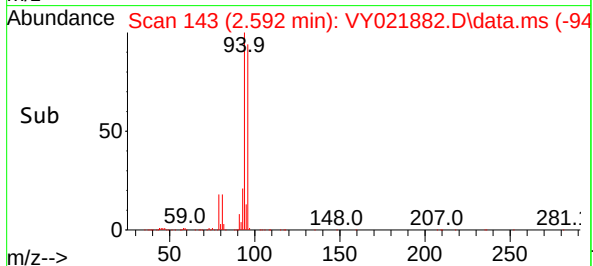
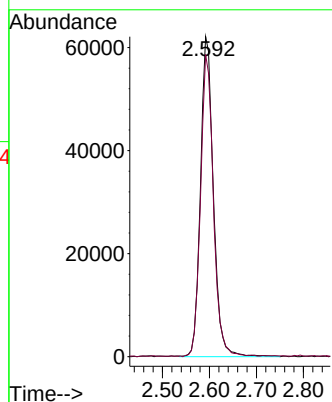
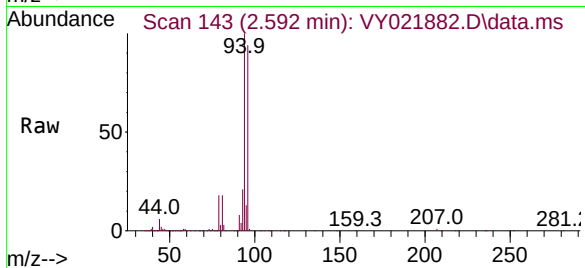




#5
Bromomethane
Concen: 41.939 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

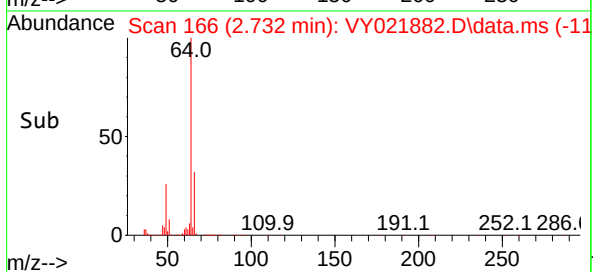
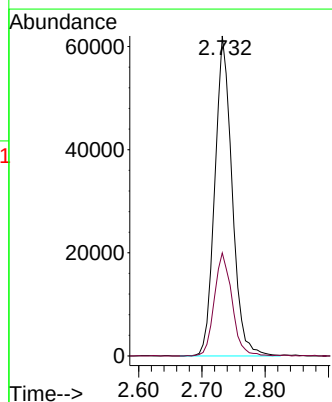
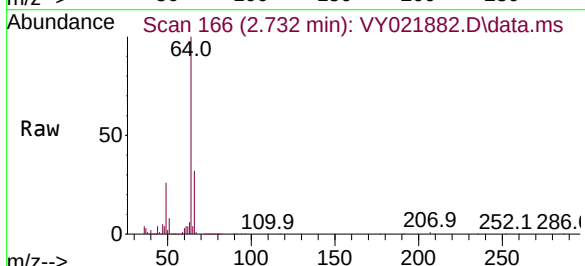
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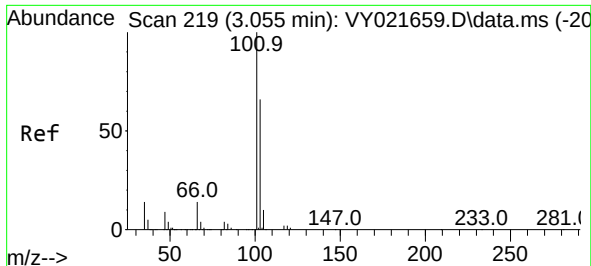
Tgt Ion: 94 Resp: 118907
Ion Ratio Lower Upper
94 100
96 94.2 72.8 109.2



#6
Chloroethane
Concen: 43.220 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 64 Resp: 117566
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3

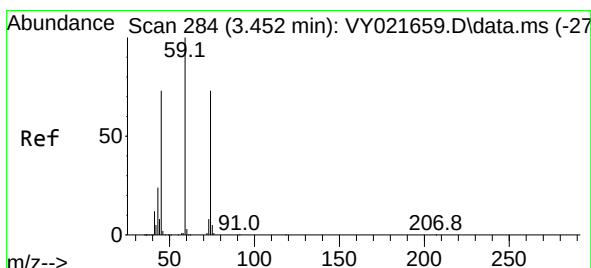
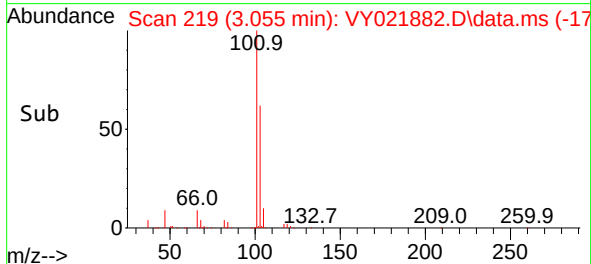
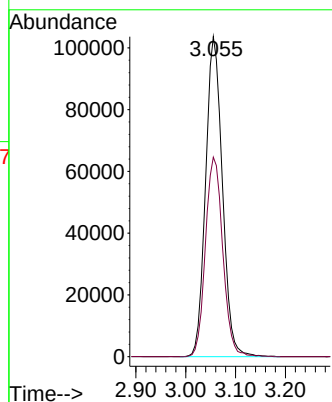
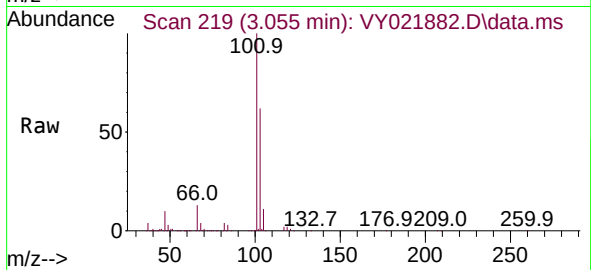




#7
 Trichlorofluoromethane
 Concen: 45.468 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
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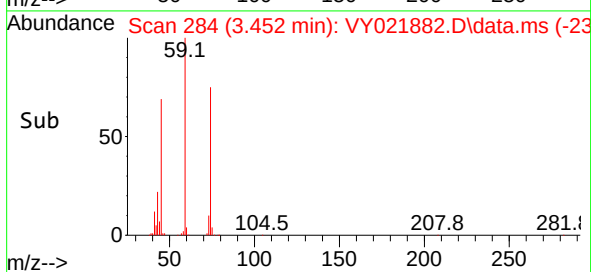
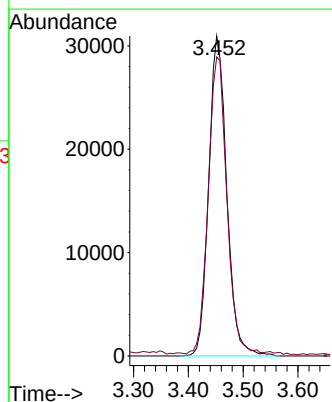
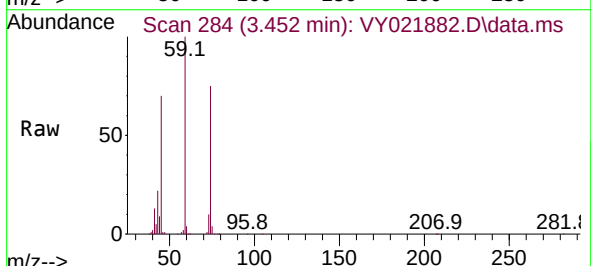
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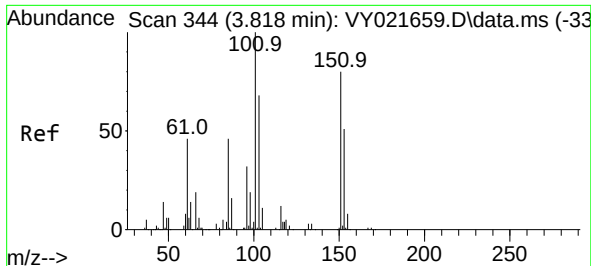
Tgt Ion:101 Resp: 242127
 Ion Ratio Lower Upper
 101 100
 103 62.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 48.747 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

Tgt Ion: 74 Resp: 70593
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.6 145.8

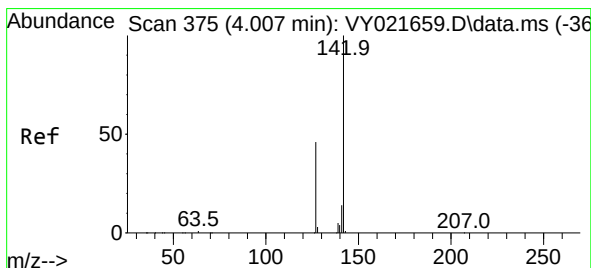
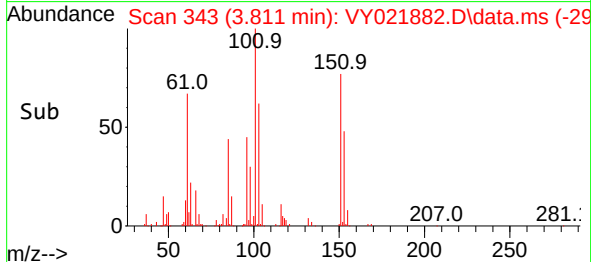
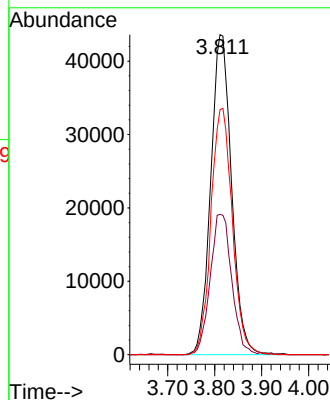
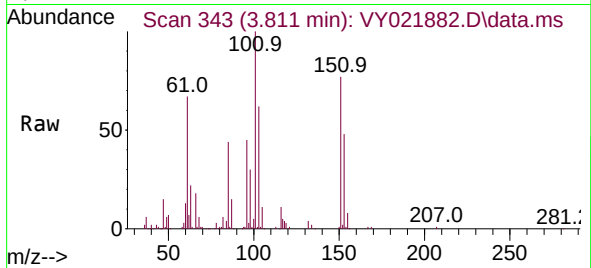




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.729 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021882.D
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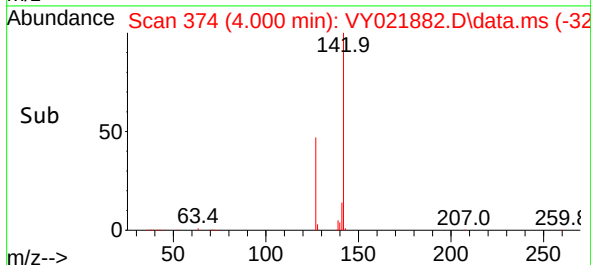
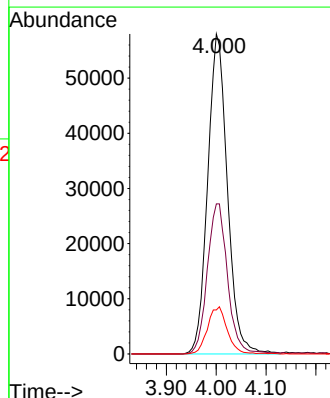
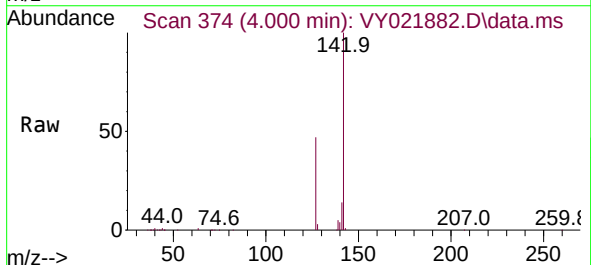
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ClientSampleId :
VSTDCCC050

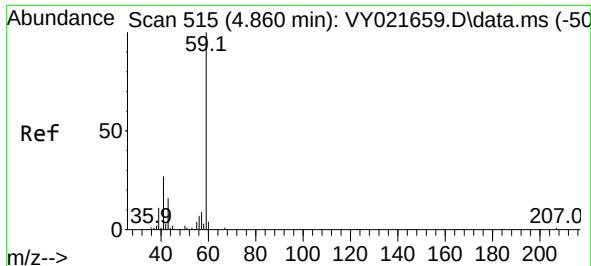
Tgt Ion:101 Resp: 134051
Ion Ratio Lower Upper
101 100
85 45.7 36.3 54.5
151 79.0 61.3 91.9



#10
Methyl Iodide
Concen: 51.664 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:142 Resp: 159189
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 14.8 11.5 17.3

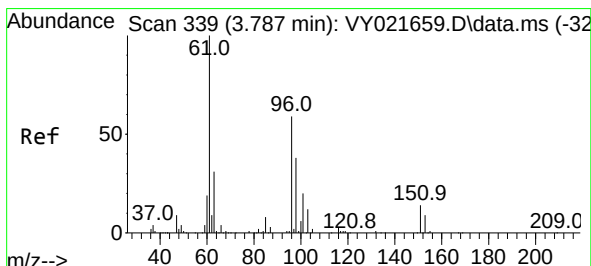
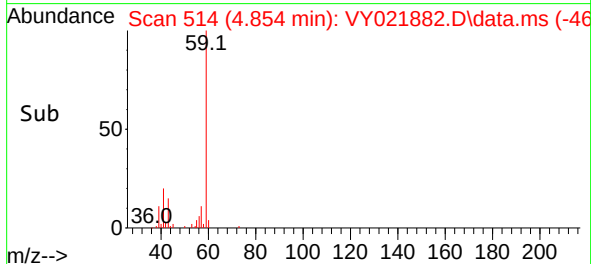
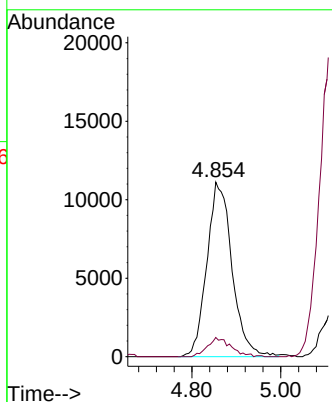
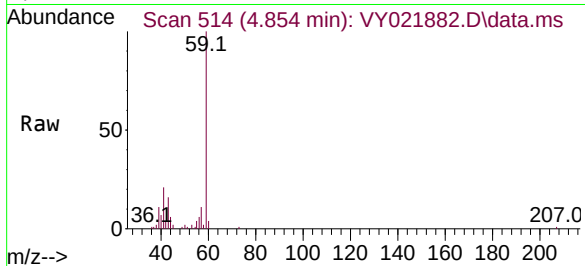




#11
Tert butyl alcohol
Concen: 246.112 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

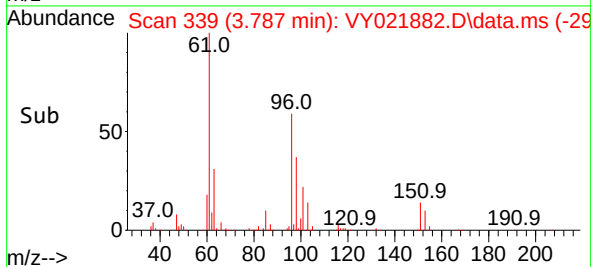
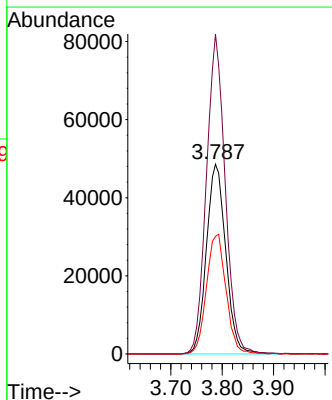
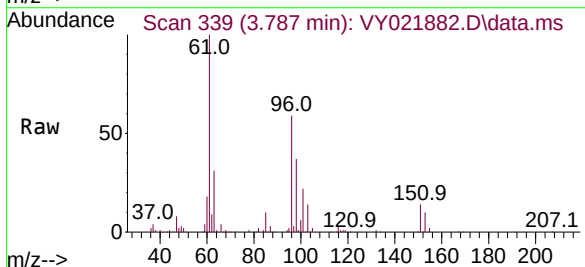
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

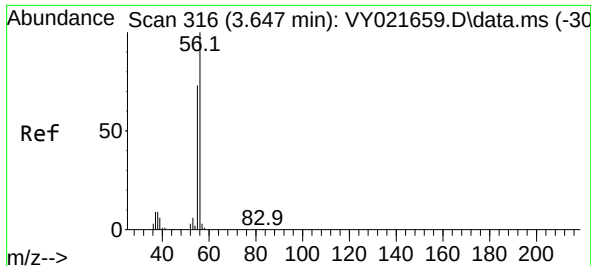
Tgt Ion: 59 Resp: 43683
Ion Ratio Lower Upper
59 100
57 10.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 48.157 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 96 Resp: 127397
Ion Ratio Lower Upper
96 100
61 168.6 136.6 204.8
98 61.9 52.3 78.5

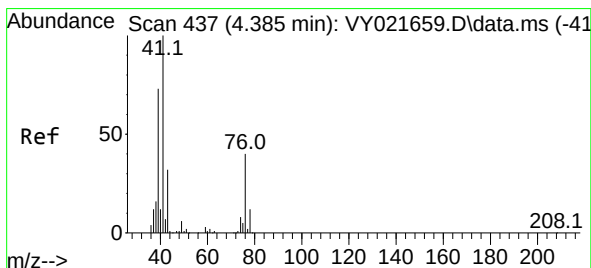
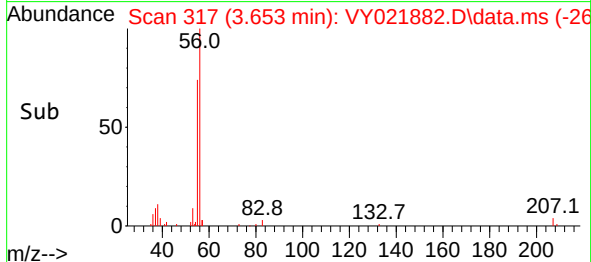
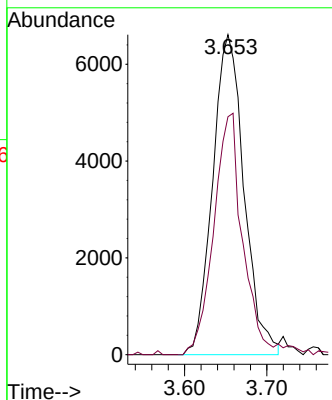
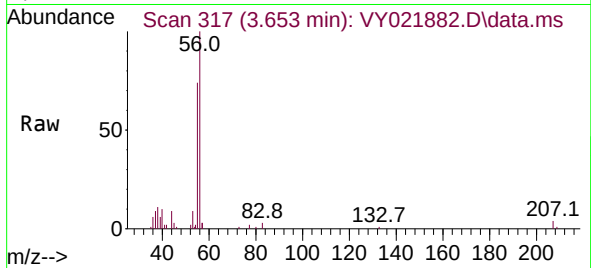




#13
Acrolein
Concen: 54.136 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

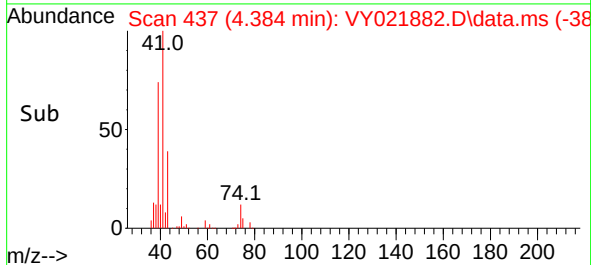
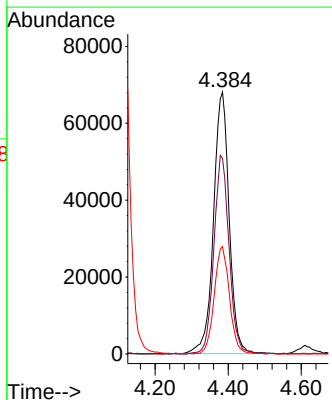
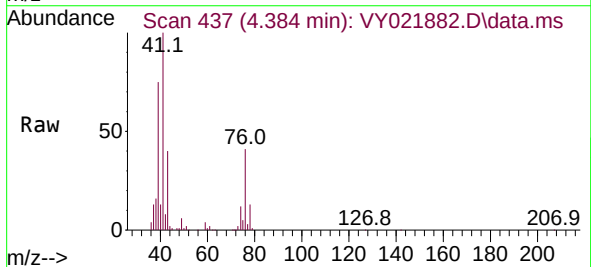
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

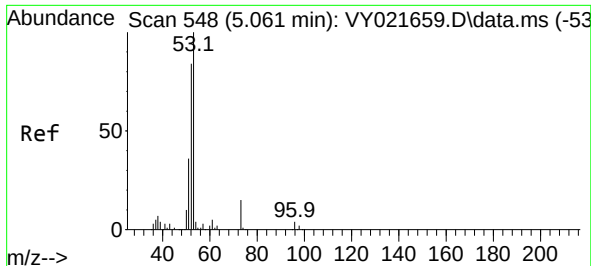
Tgt Ion: 56 Resp: 17545
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0



#14
Allyl chloride
Concen: 48.120 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 41 Resp: 202967
Ion Ratio Lower Upper
41 100
39 73.5 58.6 88.0
76 40.0 30.3 45.5

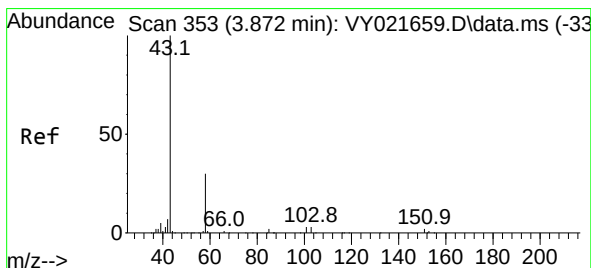
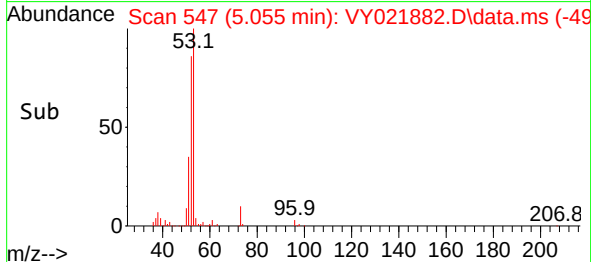
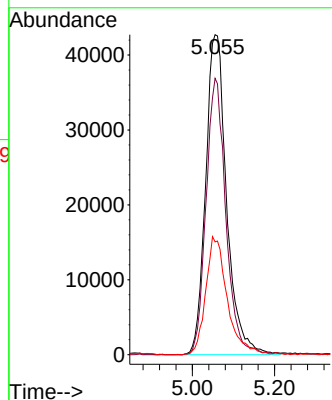
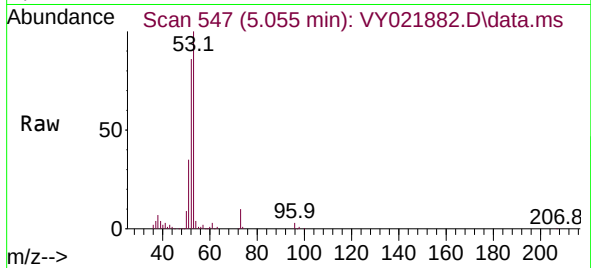




#15
Acrylonitrile
Concen: 250.549 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

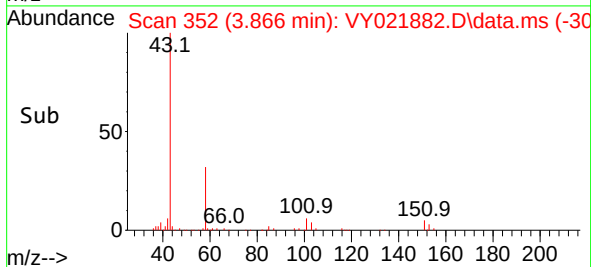
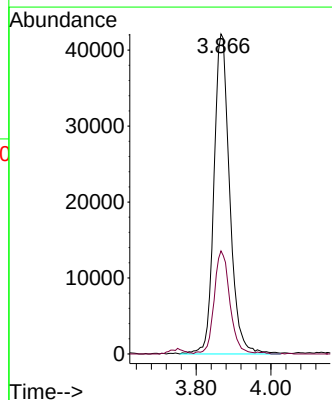
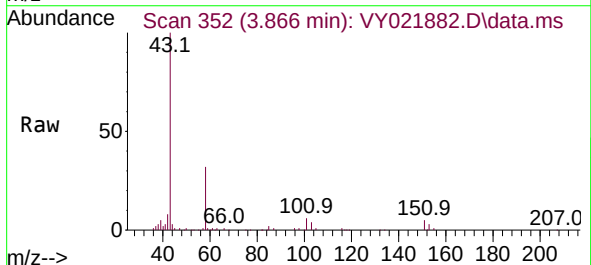
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

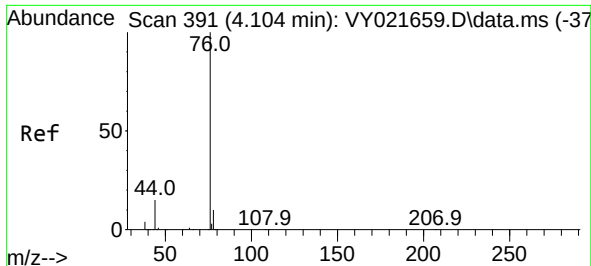
Tgt Ion: 53 Resp: 151497
Ion Ratio Lower Upper
53 100
52 81.5 64.9 97.3
51 37.6 30.2 45.2



#16
Acetone
Concen: 220.431 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 43 Resp: 123279
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4

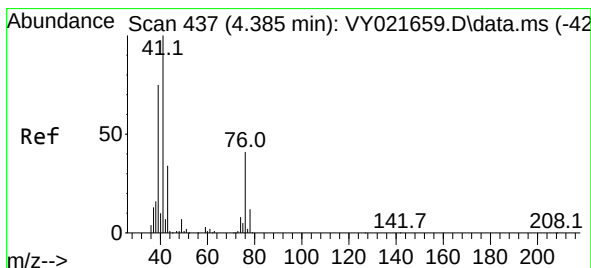
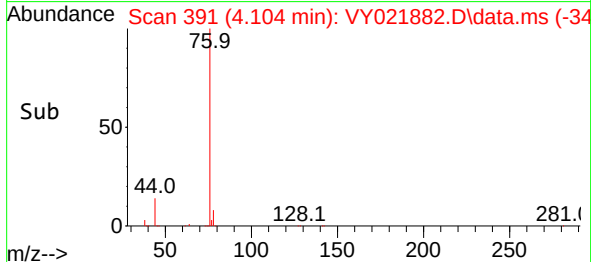
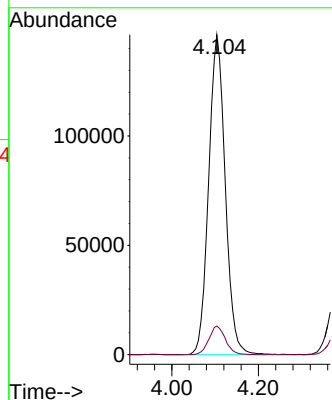
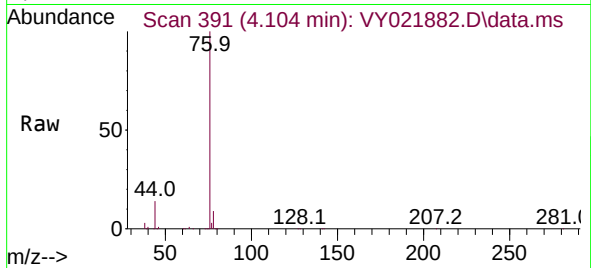




#17
Carbon Disulfide
Concen: 44.603 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

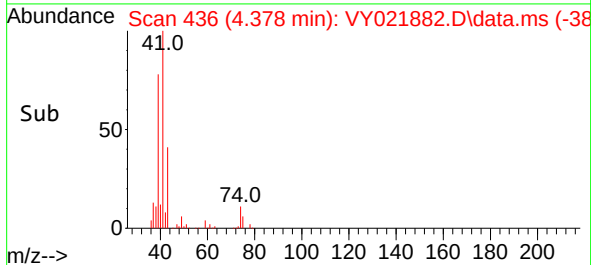
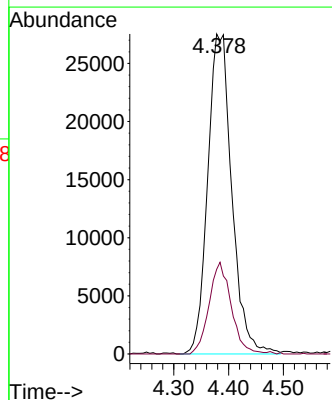
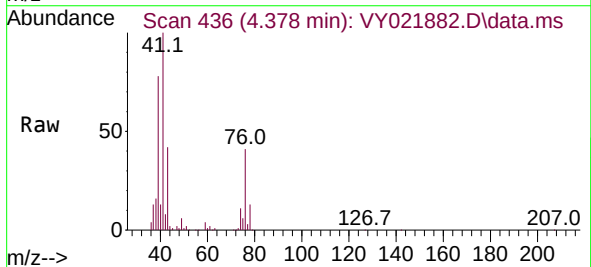
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

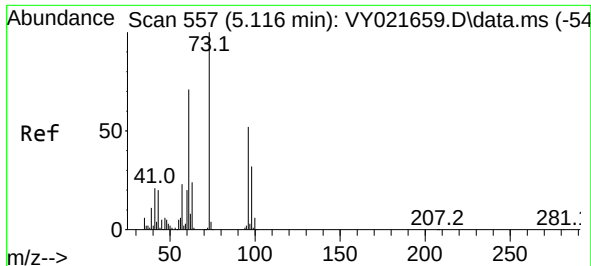
Tgt Ion: 76 Resp: 388647
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 60.726 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 43 Resp: 84171
Ion Ratio Lower Upper
43 100
74 26.3 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 51.442 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

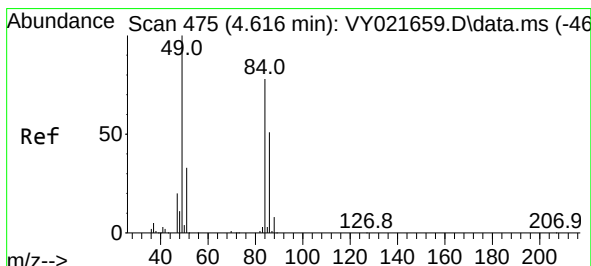
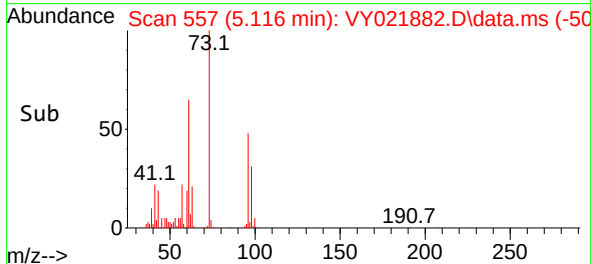
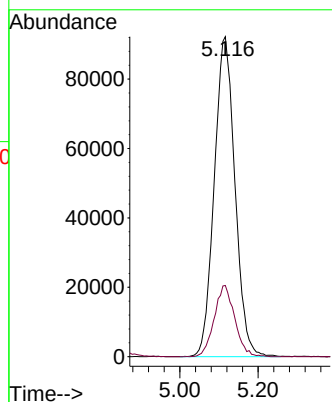
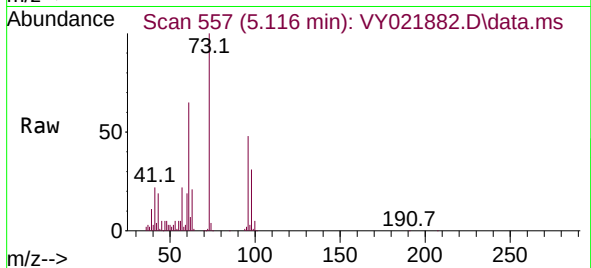
VSTDCCC050

Tgt Ion: 73 Resp: 338811

Ion Ratio Lower Upper

73 100

57 22.3 18.1 27.1



#20

Methylene Chloride

Concen: 52.748 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Tgt Ion: 84 Resp: 143772

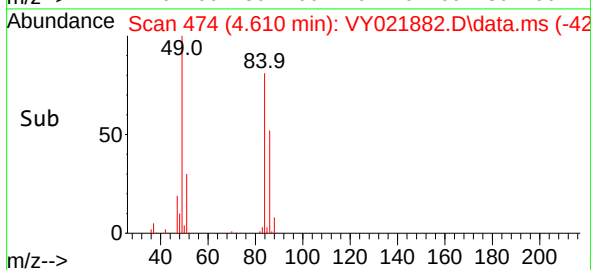
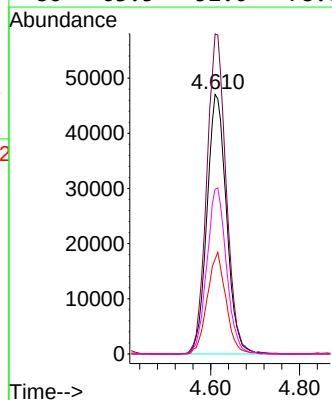
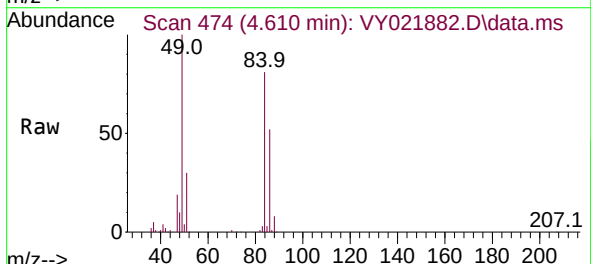
Ion Ratio Lower Upper

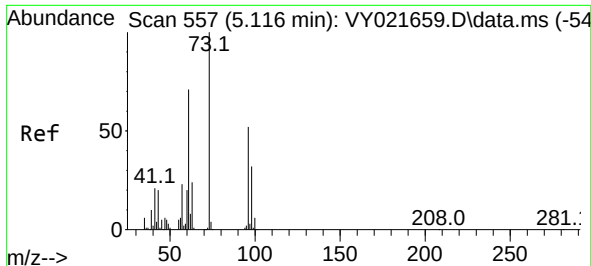
84 100

49 123.3 102.8 154.2

51 36.5 33.5 50.3

86 63.5 52.0 78.0

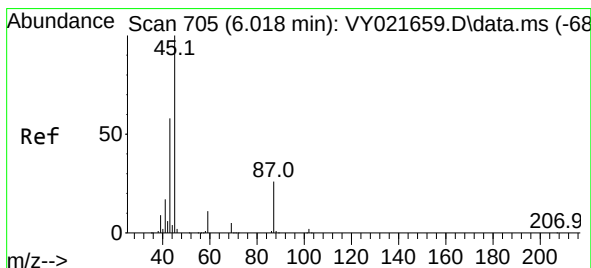
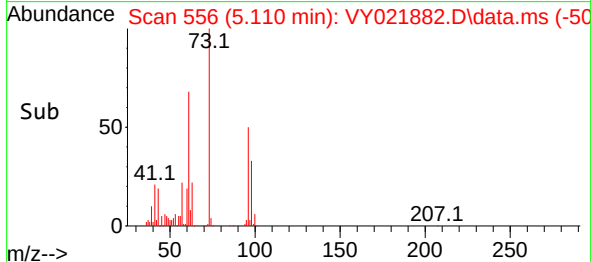
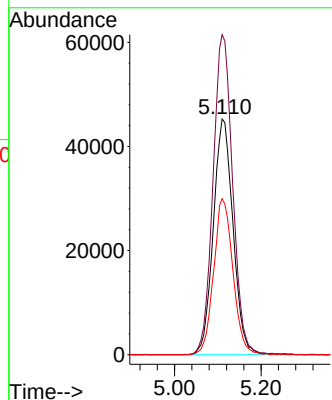
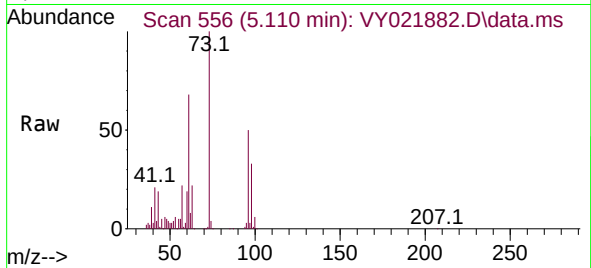




#21
trans-1,2-Dichloroethene
Concen: 49.233 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

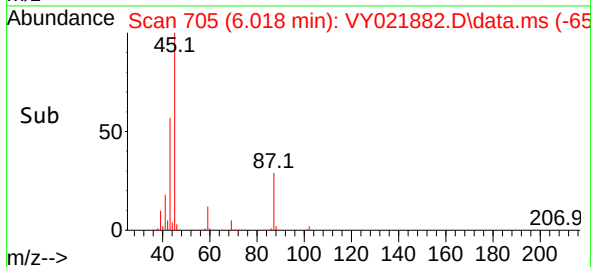
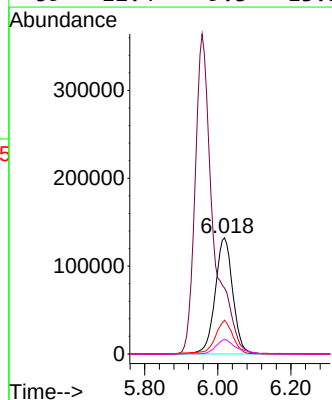
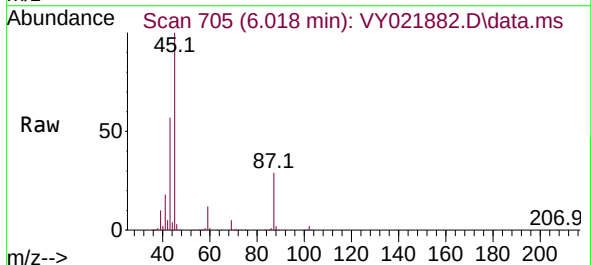
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

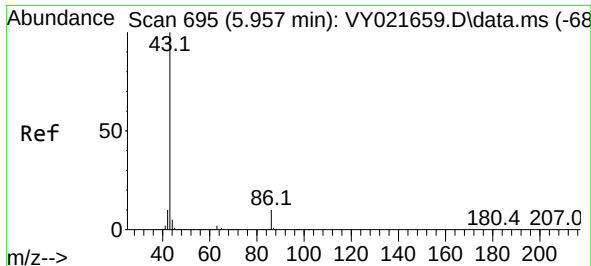
Tgt Ion: 96 Resp: 143403
Ion Ratio Lower Upper
96 100
61 135.8 109.4 164.0
98 66.2 50.2 75.2



#22
Diisopropyl ether
Concen: 50.071 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 45 Resp: 443040
Ion Ratio Lower Upper
45 100
43 56.2 46.6 69.8
87 29.0 20.7 31.1
59 12.4 9.3 13.9

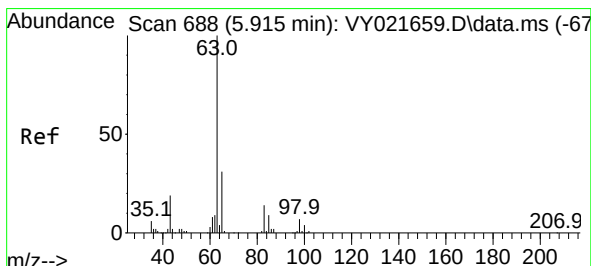
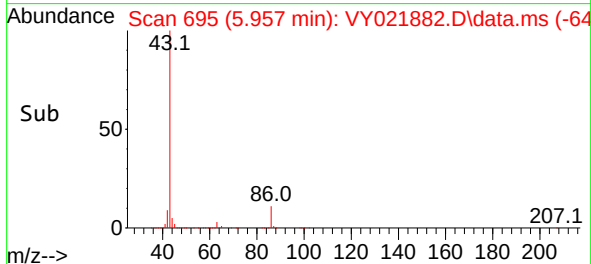
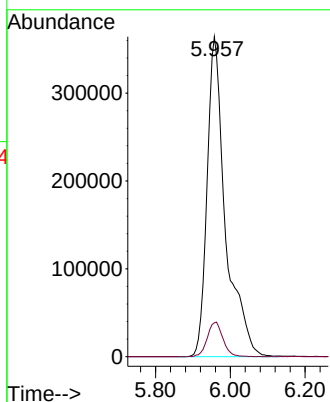
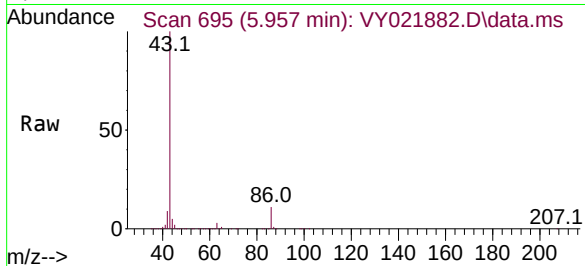




#23
 Vinyl Acetate
 Concen: 240.393 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

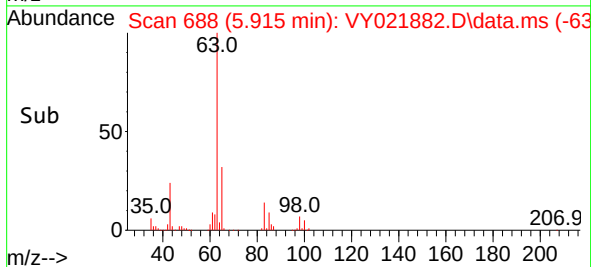
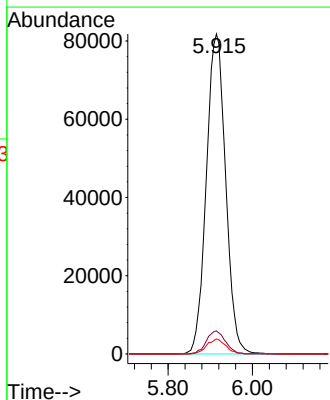
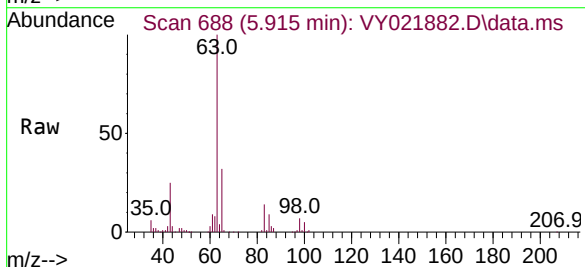
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

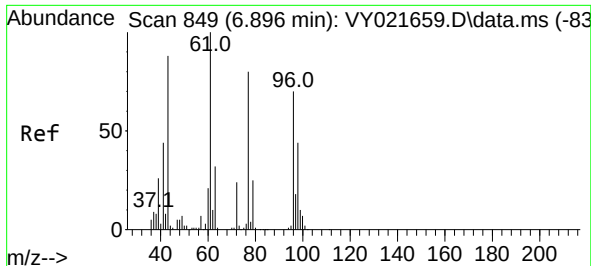
Tgt Ion: 43 Resp: 1244327
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.237 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

Tgt Ion: 63 Resp: 260502
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.7 2.2 6.6

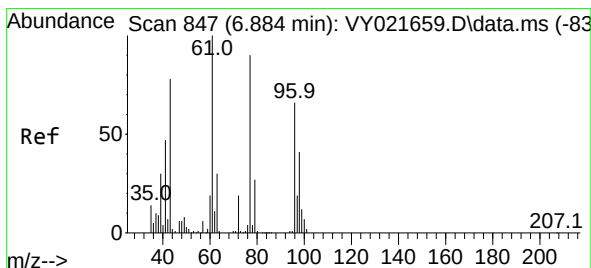
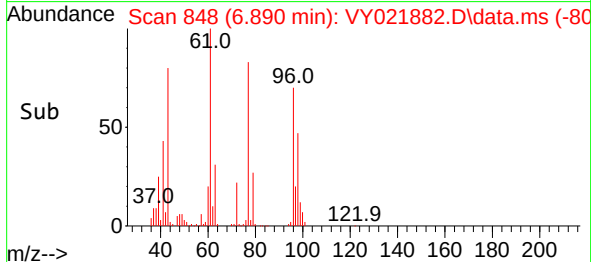
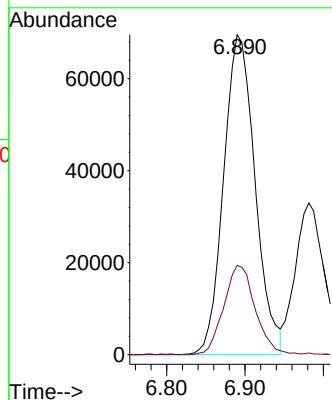
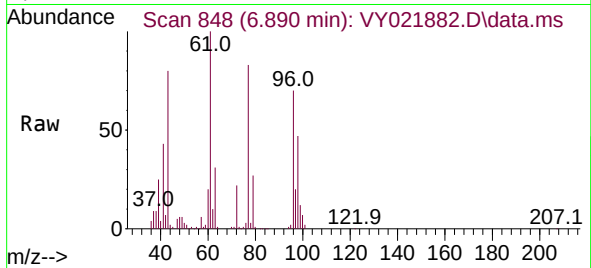




#25
2-Butanone
Concen: 243.373 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

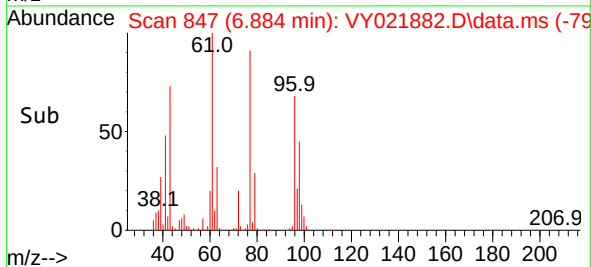
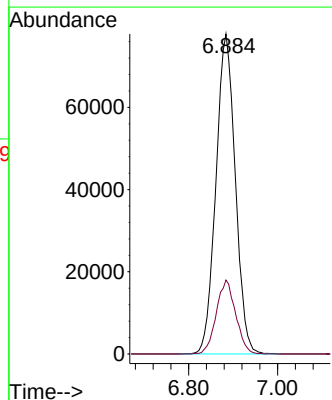
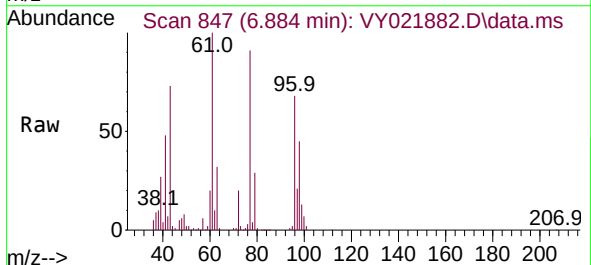
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

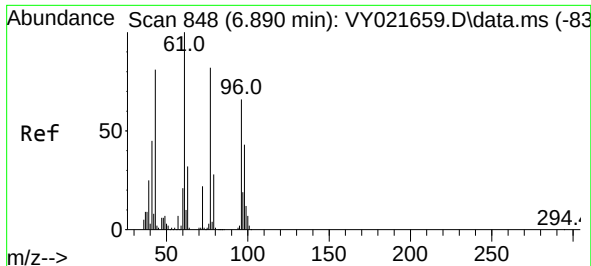
Tgt Ion: 43 Resp: 194407
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 49.972 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 77 Resp: 235182
Ion Ratio Lower Upper
77 100
97 23.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.990 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

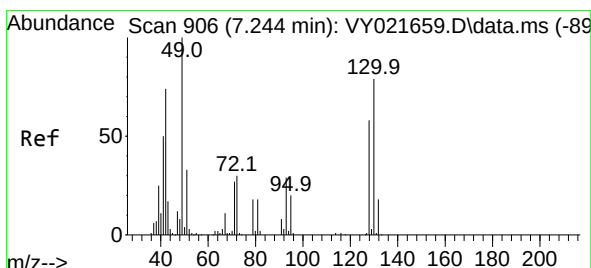
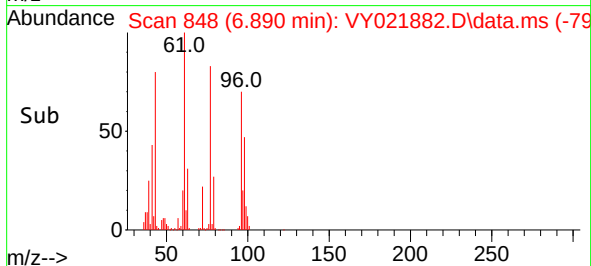
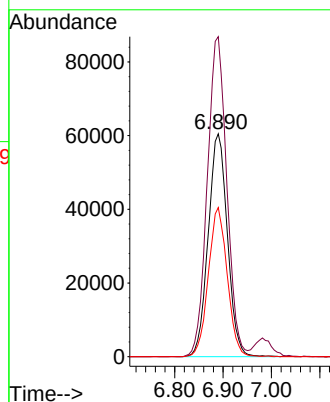
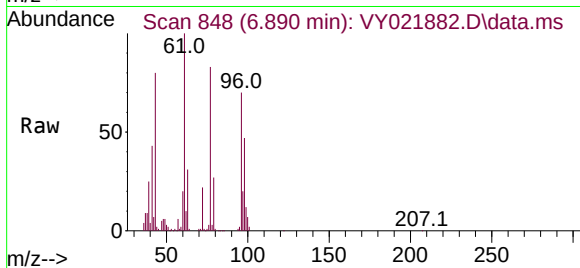
Tgt Ion: 96 Resp: 167021

Ion Ratio Lower Upper

96 100

61 145.7 0.0 296.4

98 65.8 0.0 128.0



#28

Bromochloromethane

Concen: 48.864 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

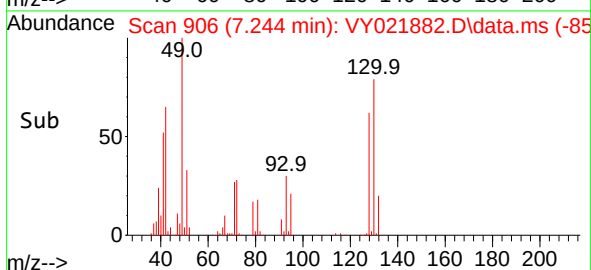
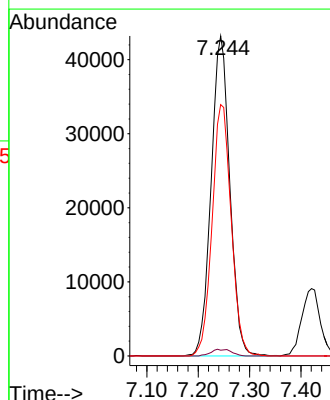
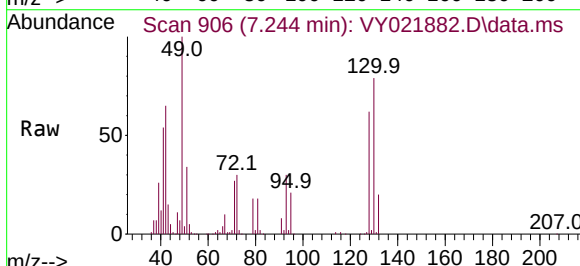
Tgt Ion: 49 Resp: 109032

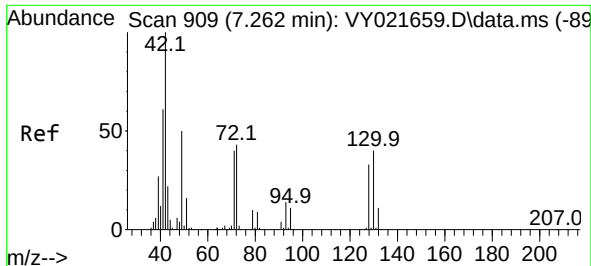
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 79.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 246.311 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

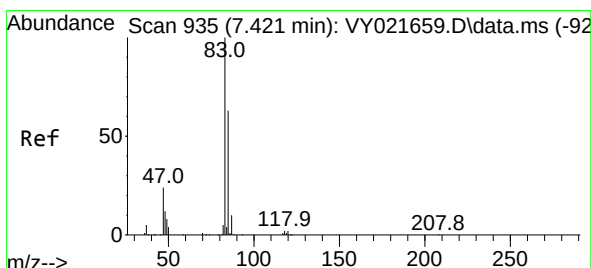
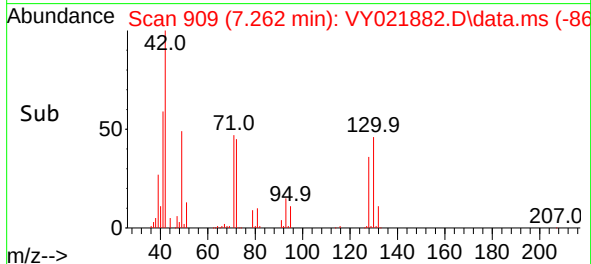
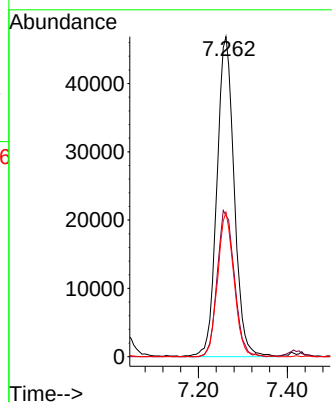
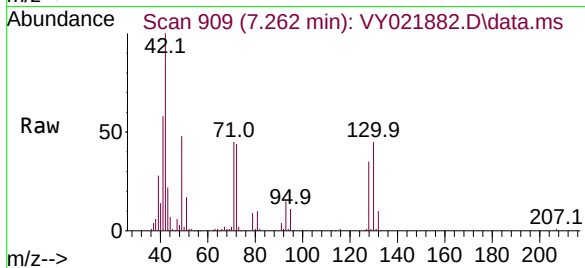
Tgt Ion: 42 Resp: 126629

Ion Ratio Lower Upper

42 100

72 45.3 34.6 52.0

71 42.7 32.5 48.7



#30

Chloroform

Concen: 50.107 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021882.D

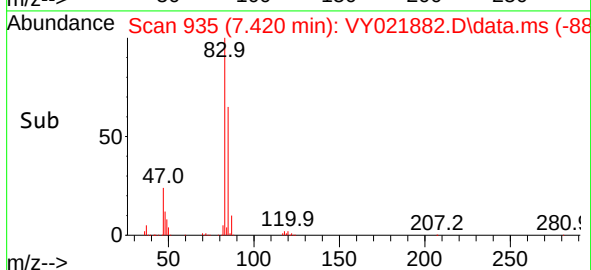
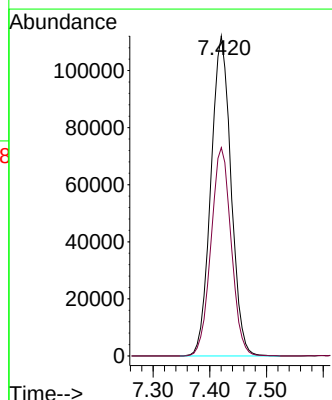
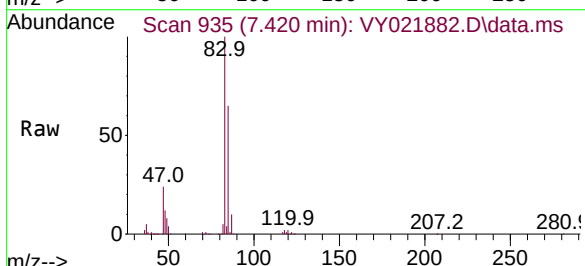
Acq: 15 Apr 2025 09:03

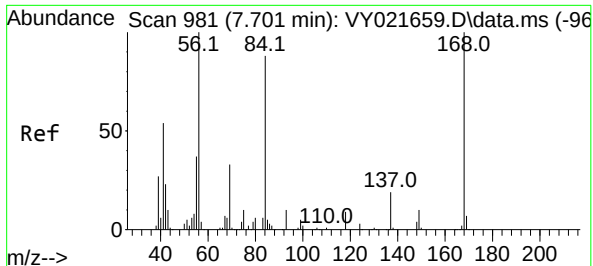
Tgt Ion: 83 Resp: 275737

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

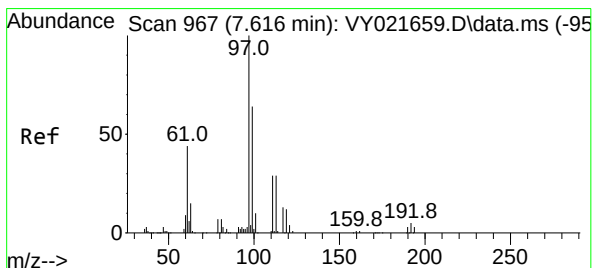
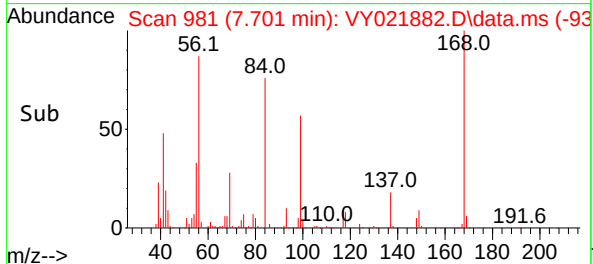
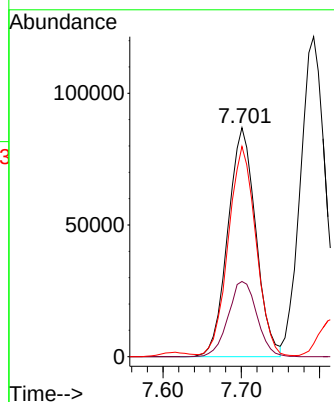
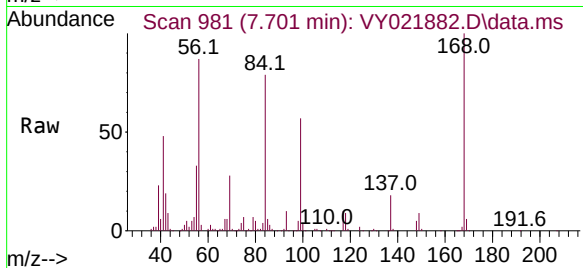




#31
Cyclohexane
Concen: 44.657 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

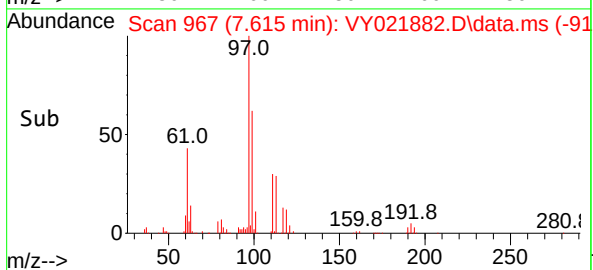
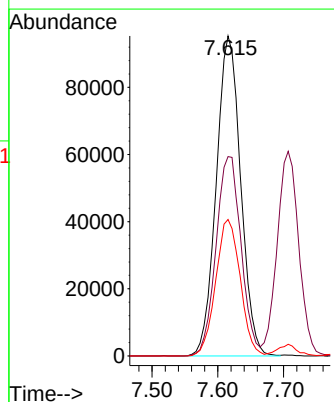
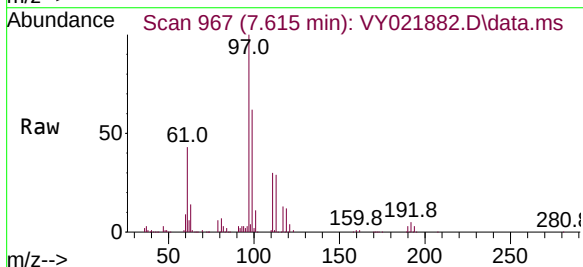
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

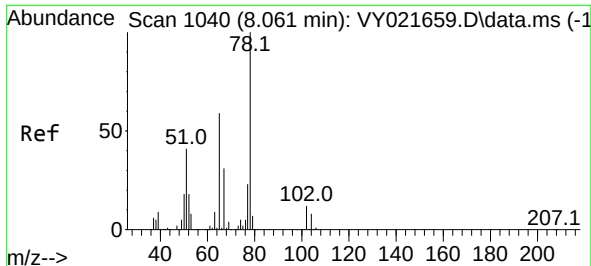
Tgt Ion: 56 Resp: 215380
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 90.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.549 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 97 Resp: 246437
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 42.8 35.2 52.8

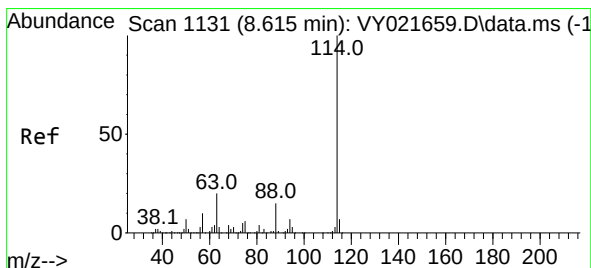
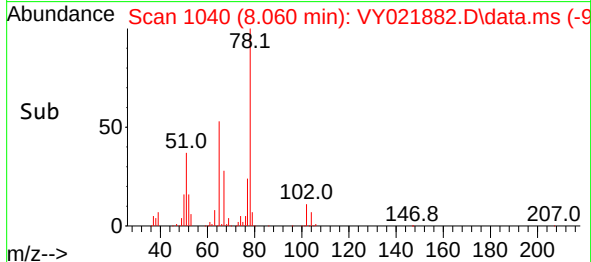
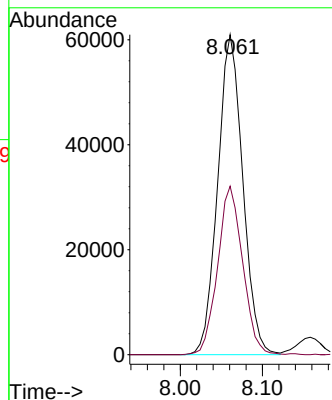
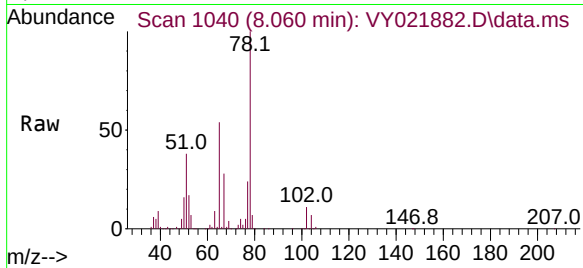




#33
1,2-Dichloroethane-d4
Concen: 47.420 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

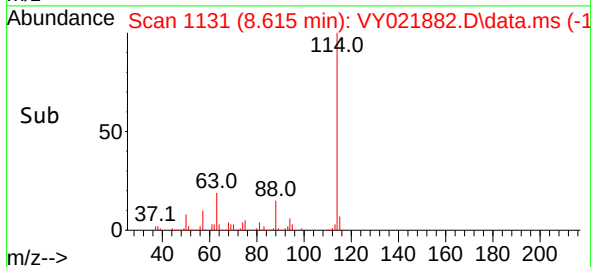
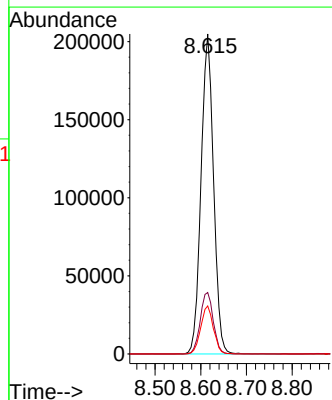
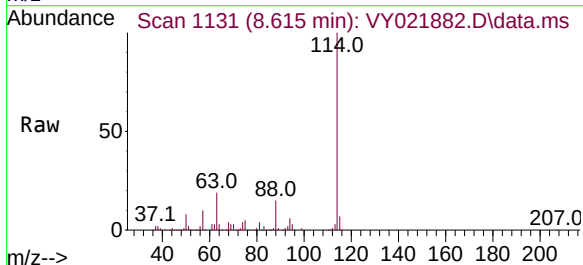
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

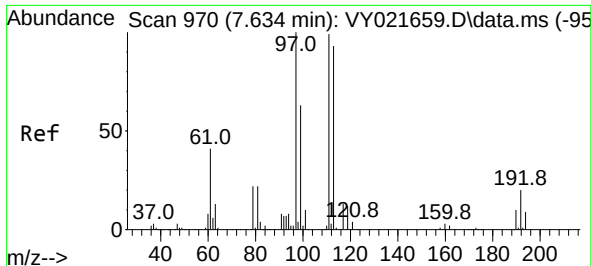
Tgt Ion: 65 Resp: 129583
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 114 Resp: 387709
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.2
88 15.0 0.0 29.8

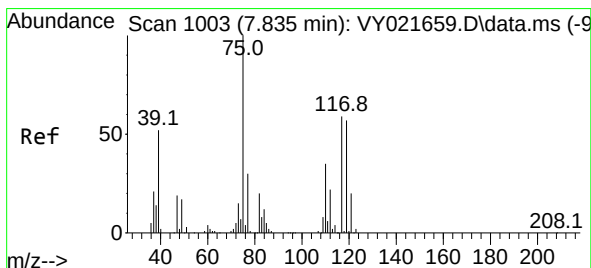
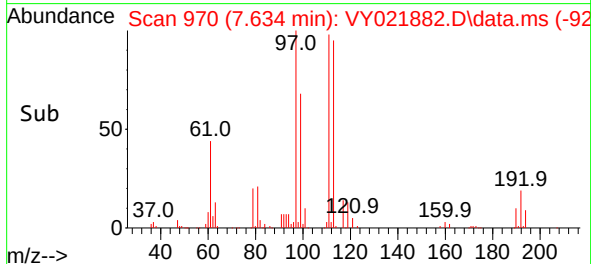
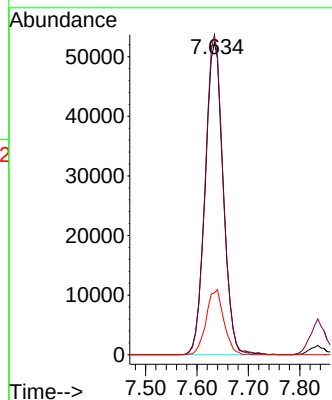
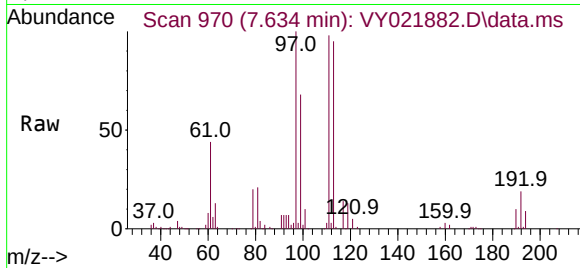




#35
Dibromofluoromethane
Concen: 50.677 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

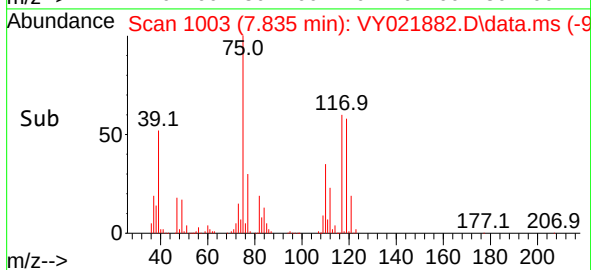
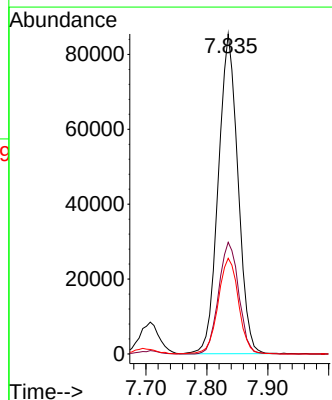
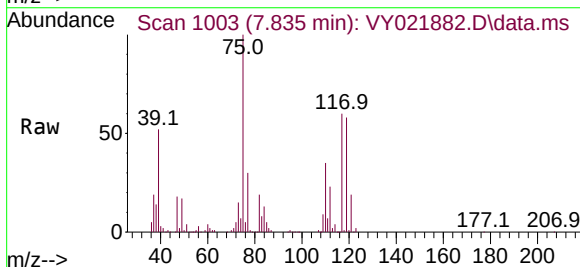
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

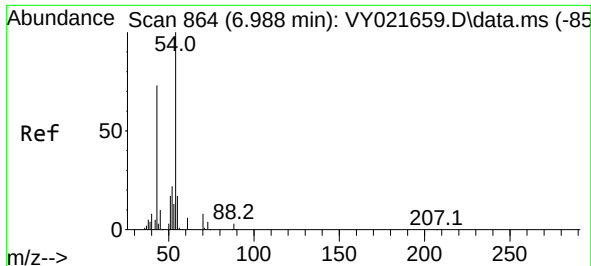
Tgt Ion:113 Resp: 127454
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 20.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.783 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 75 Resp: 190706
Ion Ratio Lower Upper
75 100
110 35.8 17.0 50.9
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 48.452 ug/l

RT: 6.981 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

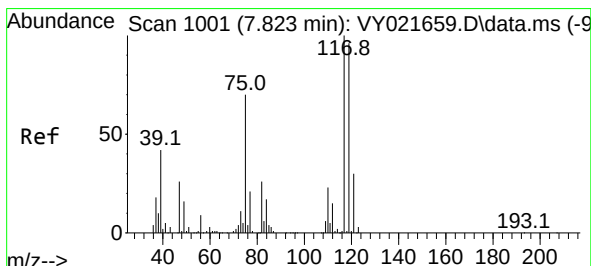
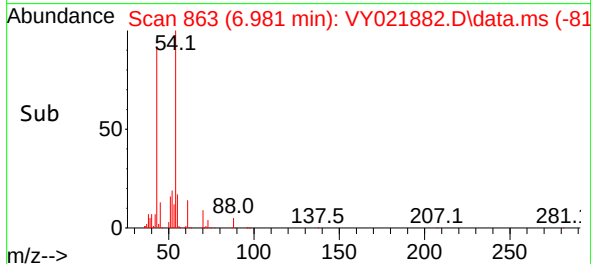
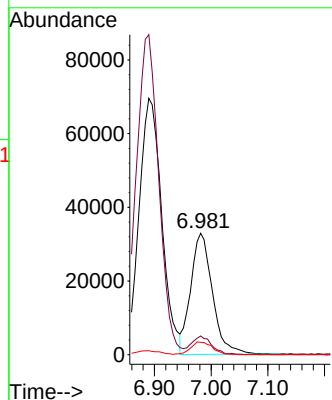
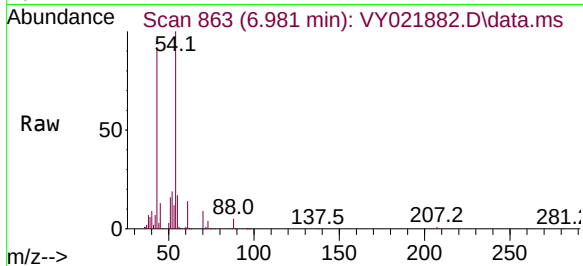
Tgt Ion: 43 Resp: 87596

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.6

70 10.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.872 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

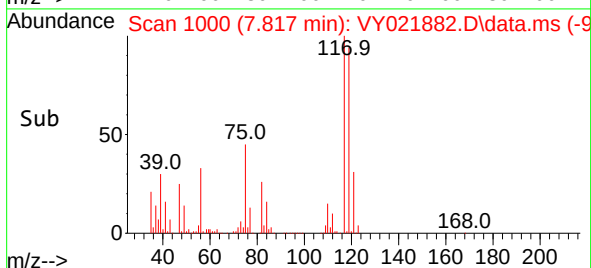
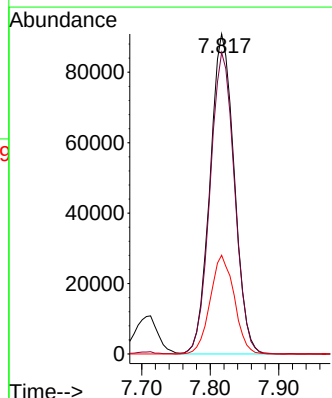
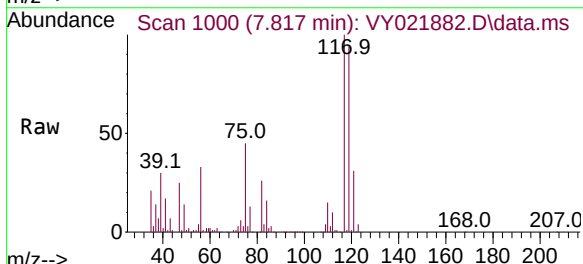
Tgt Ion: 117 Resp: 223203

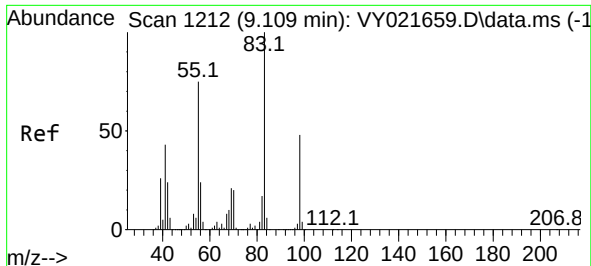
Ion Ratio Lower Upper

117 100

119 94.1 76.2 114.4

121 30.9 24.2 36.4

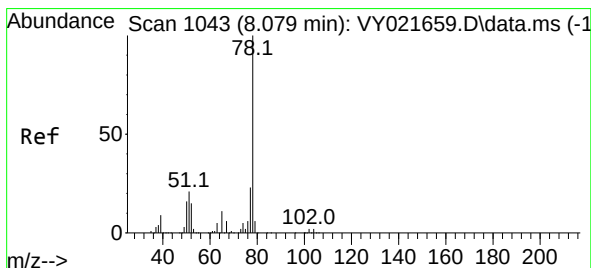
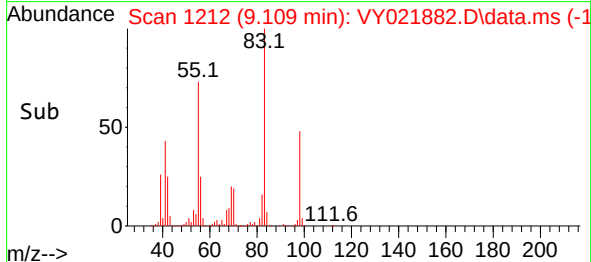
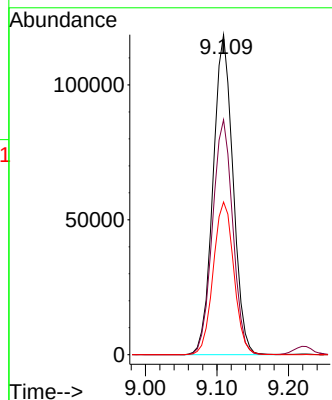
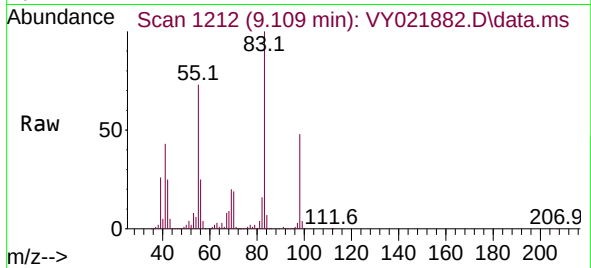




#39
Methylcyclohexane
Concen: 50.240 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

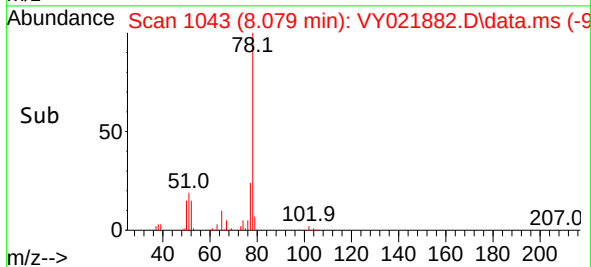
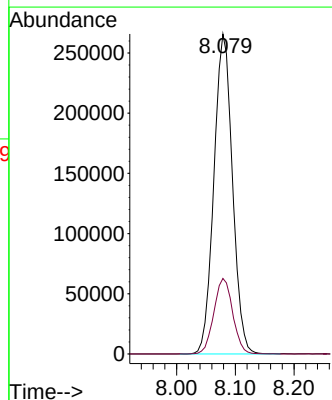
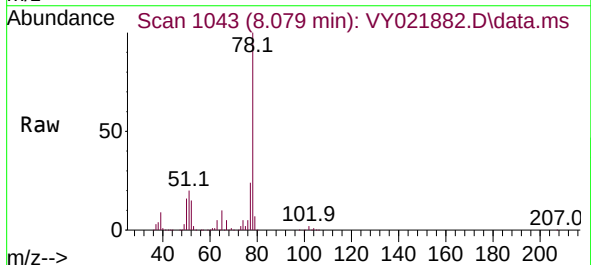
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

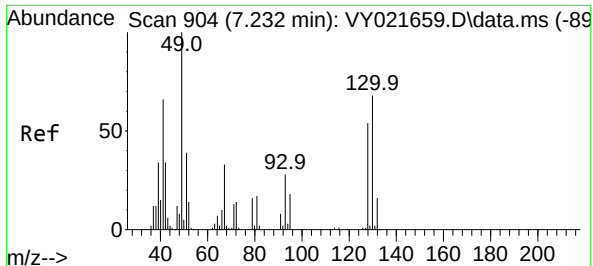
Tgt Ion: 83 Resp: 229912
Ion Ratio Lower Upper
83 100
55 73.4 59.7 89.5
98 47.7 38.3 57.5



#40
Benzene
Concen: 50.810 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

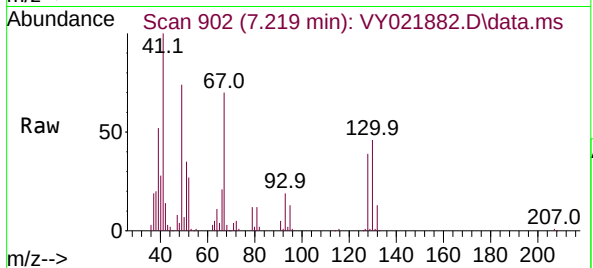
Tgt Ion: 78 Resp: 582905
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



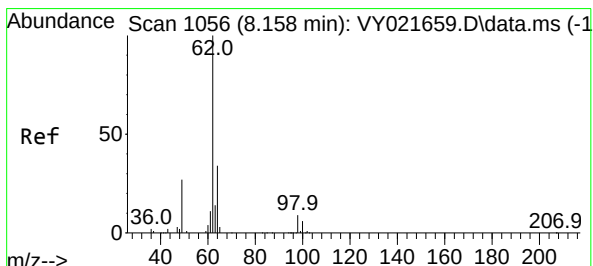
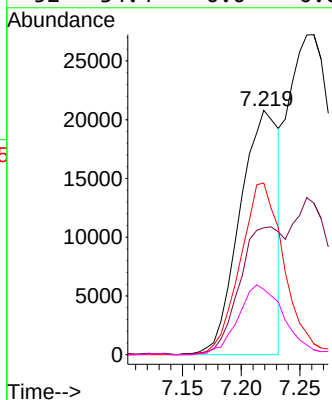
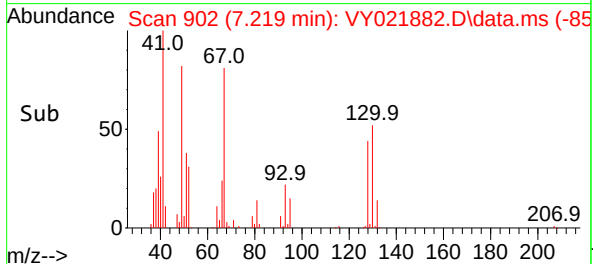


#41
Methacrylonitrile
Concen: 49.538 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

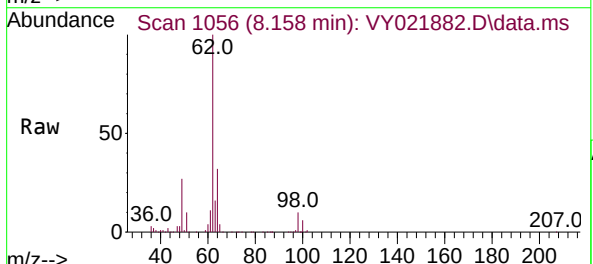
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



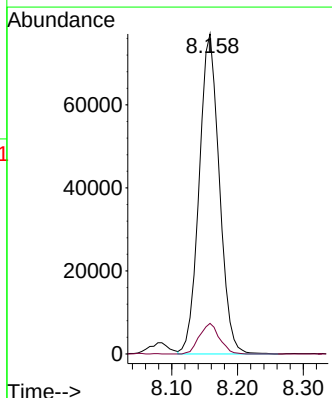
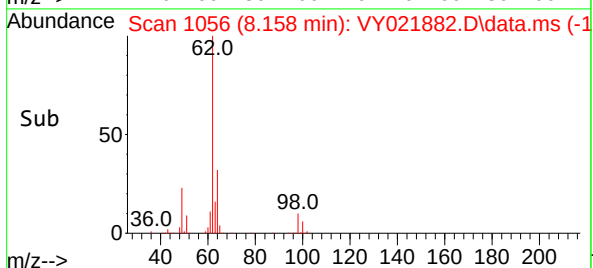
Tgt Ion: 41 Resp: 47562
Ion Ratio Lower Upper
41 100
39 60.8 0.0 0.0#
67 80.4 0.0 0.0#
52 34.4 0.0 0.0#

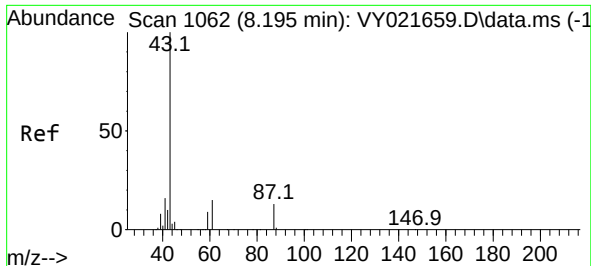


#42
1,2-Dichloroethane
Concen: 50.851 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03



Tgt Ion: 62 Resp: 164460
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

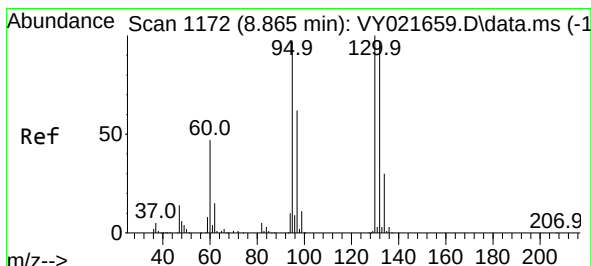
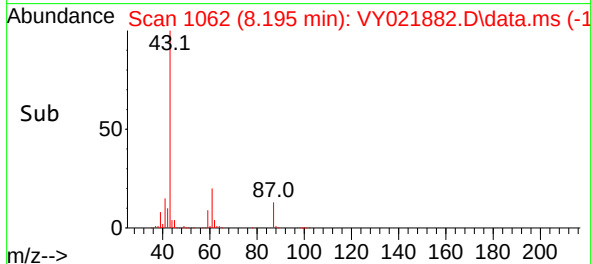
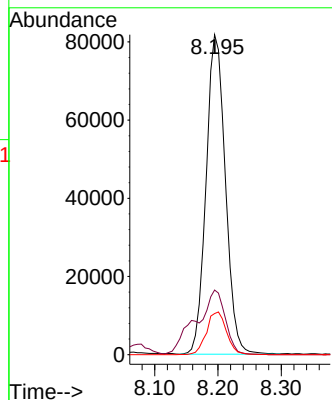
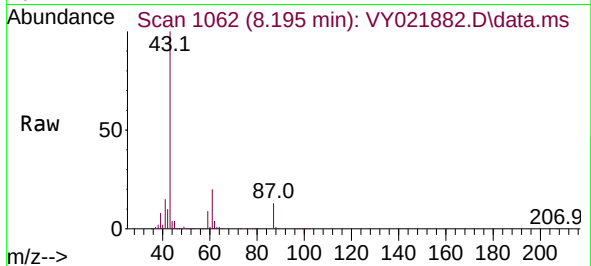




#43
Isopropyl Acetate
Concen: 50.671 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

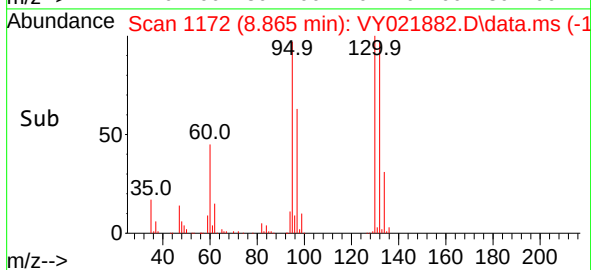
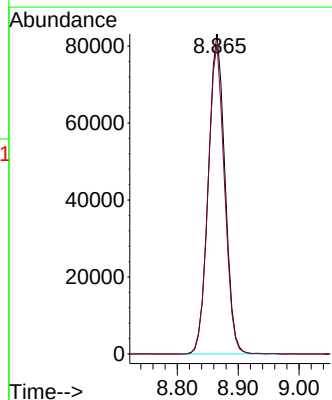
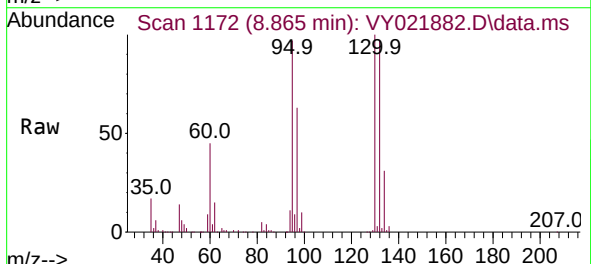
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

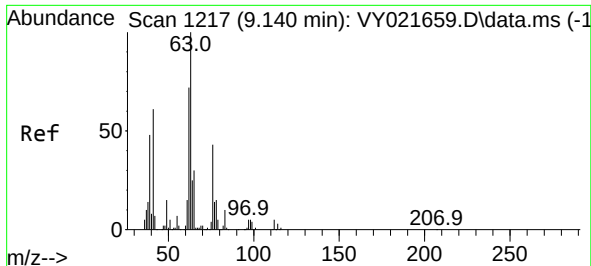
Tgt Ion: 43 Resp: 173604
Ion Ratio Lower Upper
43 100
61 30.6 15.9 23.9#
87 13.9 10.4 15.6



#44
Trichloroethene
Concen: 53.820 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:130 Resp: 157315
Ion Ratio Lower Upper
130 100
95 96.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 51.373 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

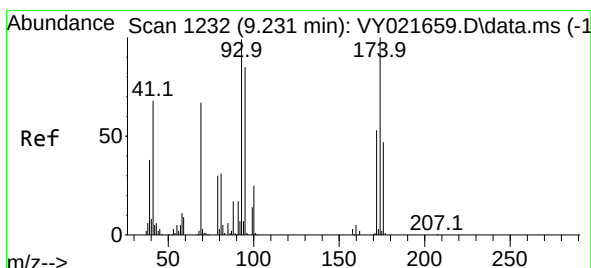
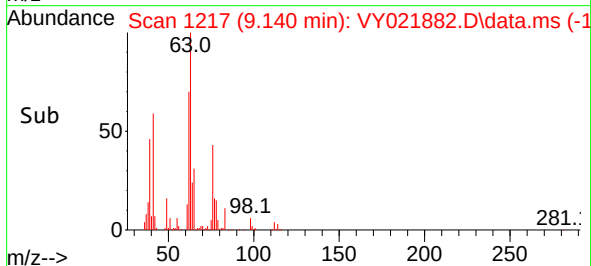
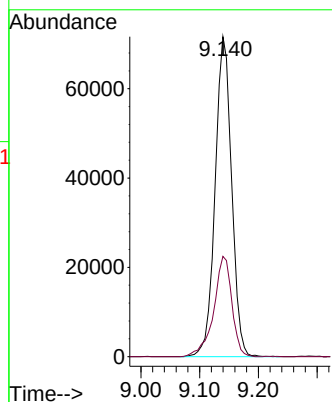
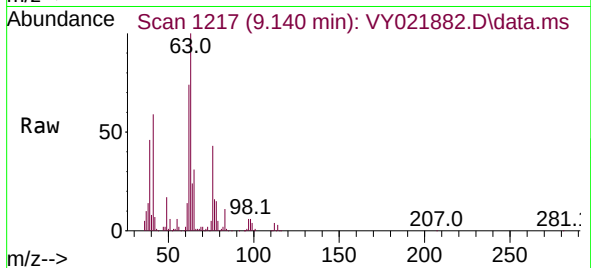
VSTDCCC050

Tgt Ion: 63 Resp: 139506

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 51.935 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

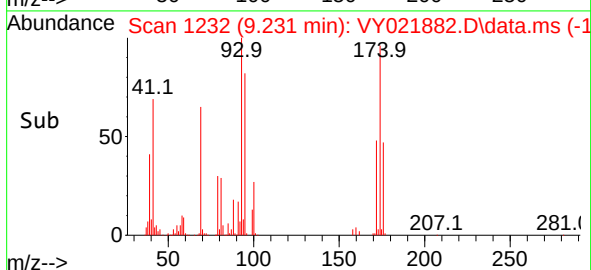
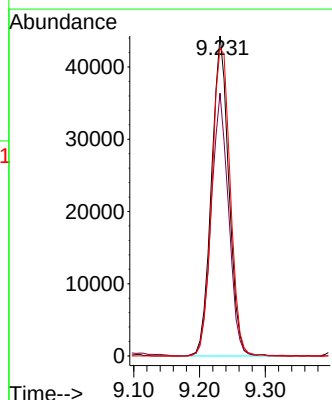
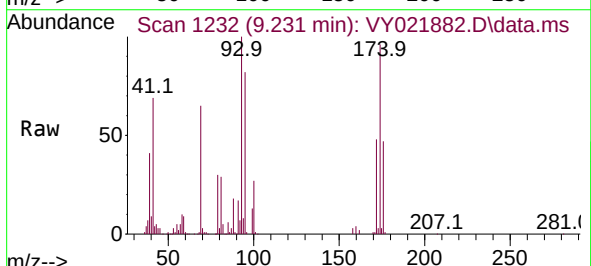
Tgt Ion: 93 Resp: 81279

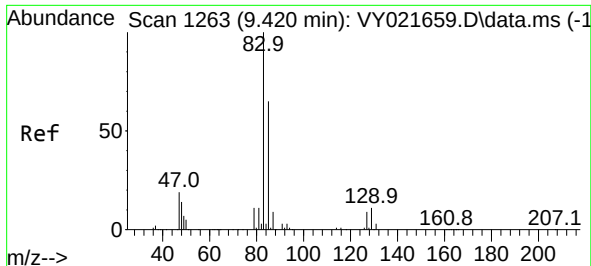
Ion Ratio Lower Upper

93 100

95 81.8 68.1 102.1

174 101.6 80.9 121.3

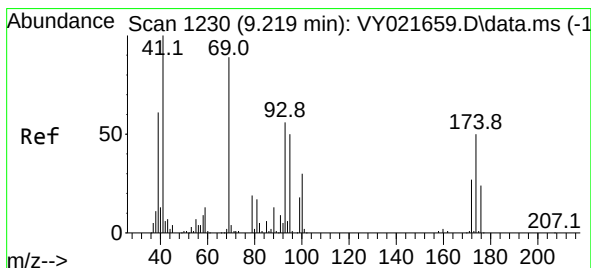
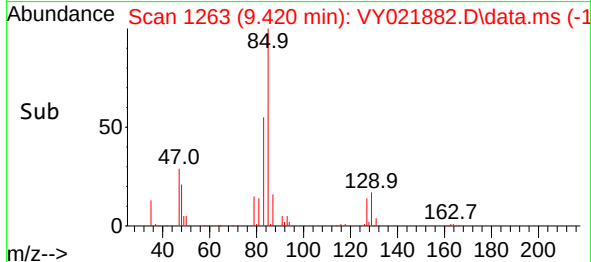
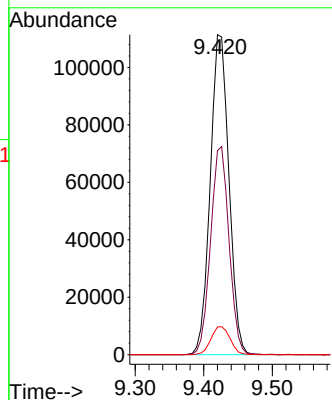
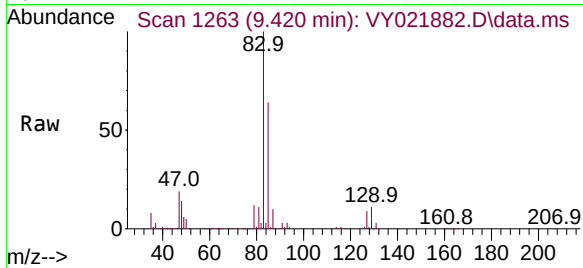




#47
Bromodichloromethane
Concen: 52.093 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

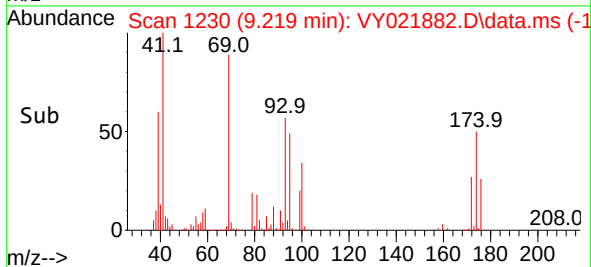
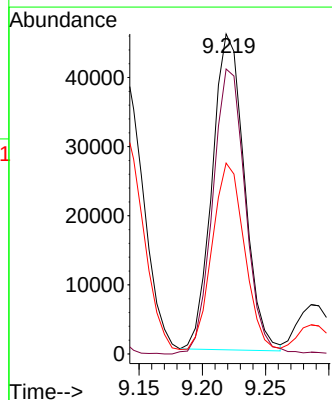
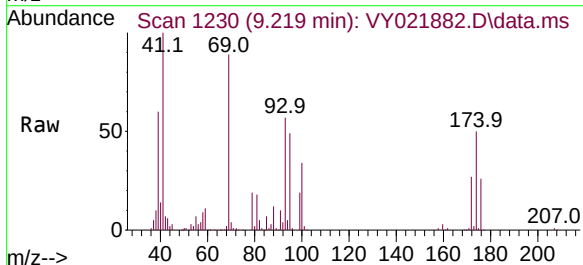
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

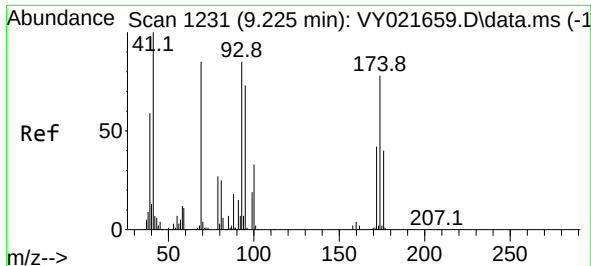
Tgt Ion: 83 Resp: 211248
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 51.433 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 41 Resp: 80874
Ion Ratio Lower Upper
41 100
69 91.6 69.8 104.8
39 59.3 47.2 70.8

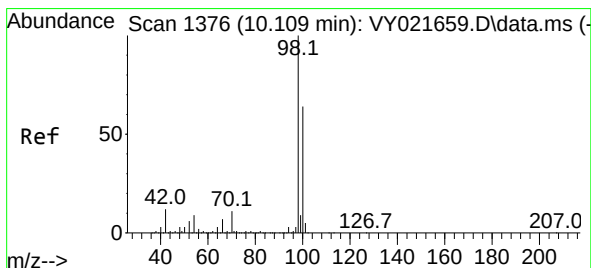
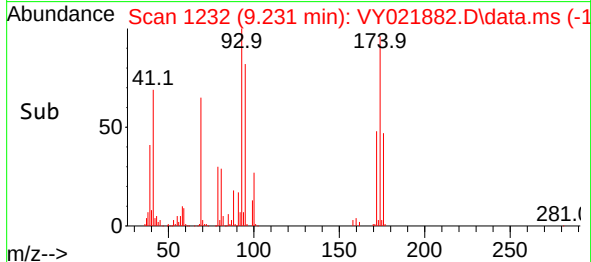
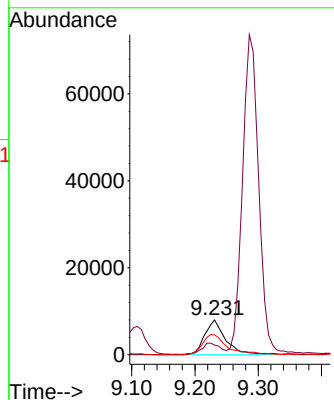
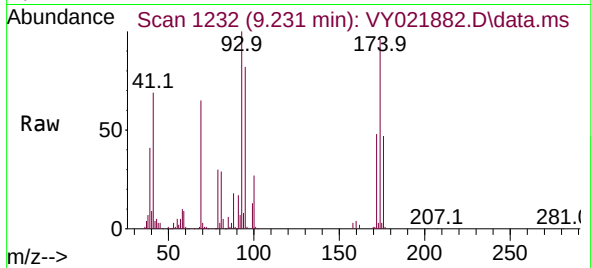




#49
1,4-Dioxane
Concen: 1096.546 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

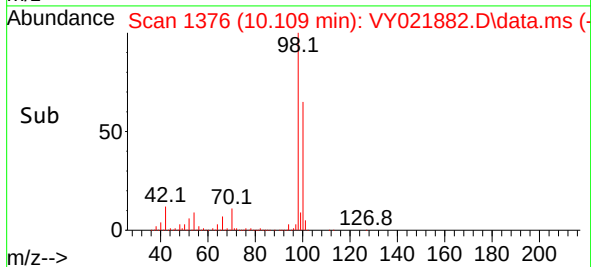
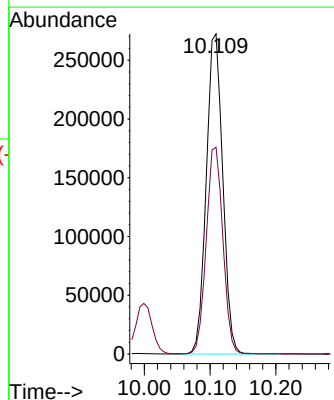
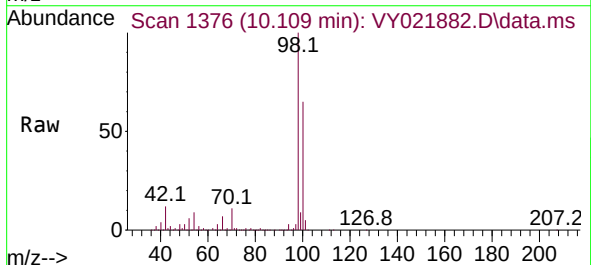
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

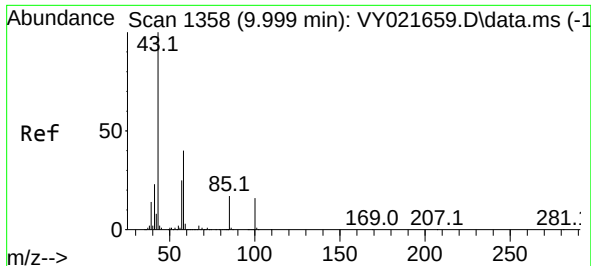
Tgt Ion: 88 Resp: 18384
Ion Ratio Lower Upper
88 100
43 28.3 28.8 43.2#
58 68.3 59.4 89.2



#50
Toluene-d8
Concen: 49.637 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 98 Resp: 474914
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

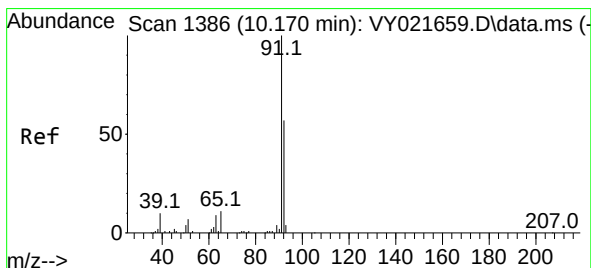
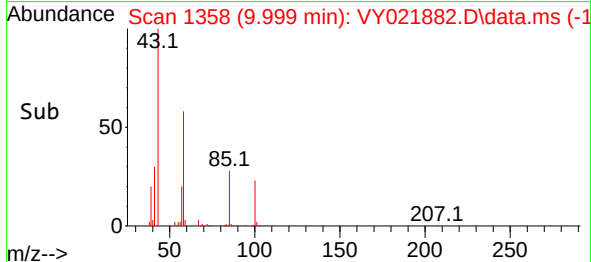
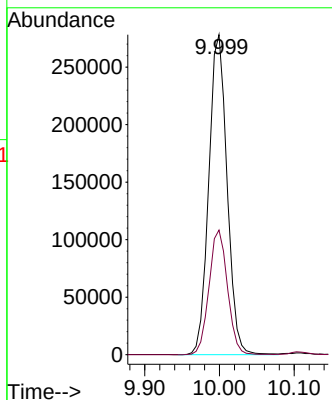
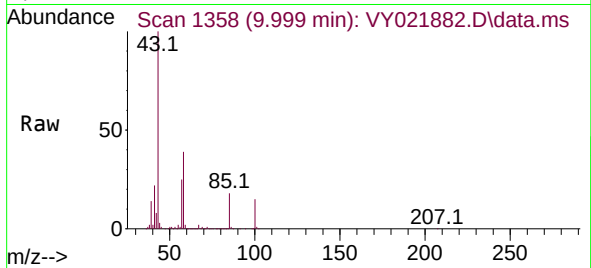




#51
4-Methyl-2-Pentanone
Concen: 265.393 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

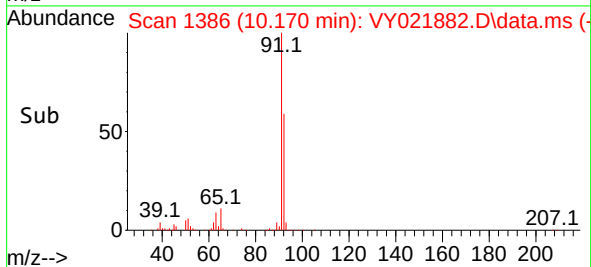
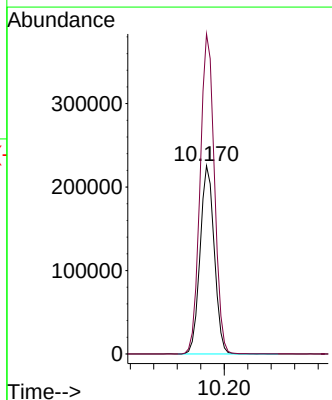
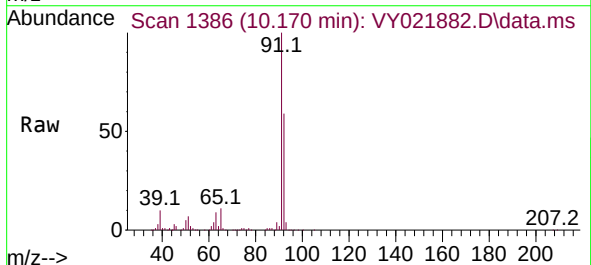
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

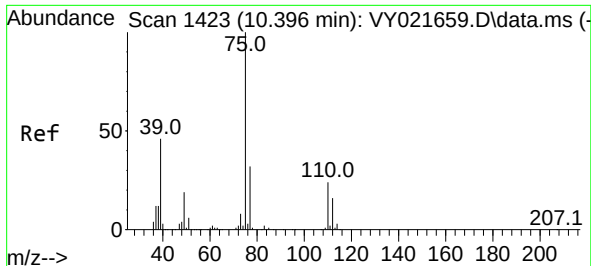
Tgt Ion: 43 Resp: 473176
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 52.796 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 92 Resp: 377894
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

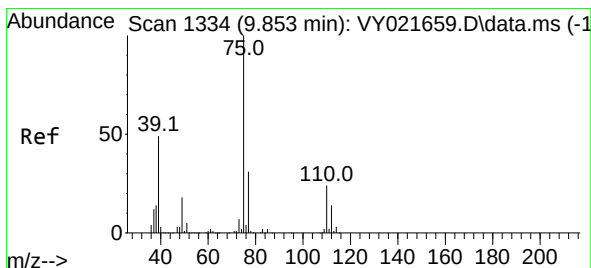
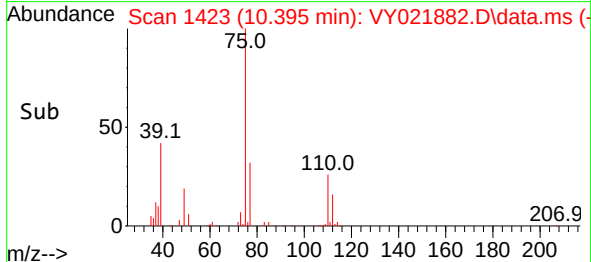
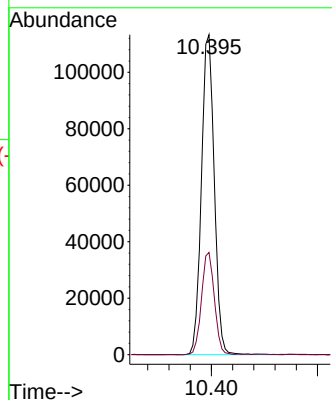
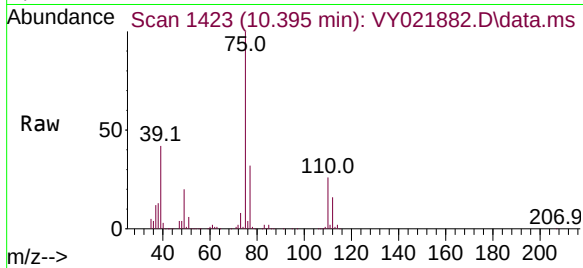




#53
t-1,3-Dichloropropene
Concen: 52.901 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

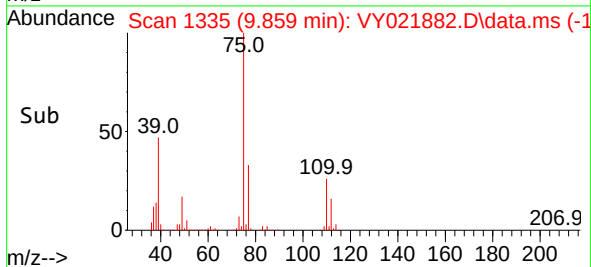
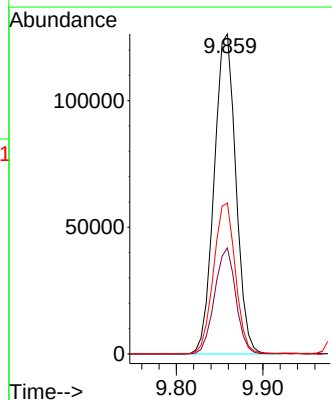
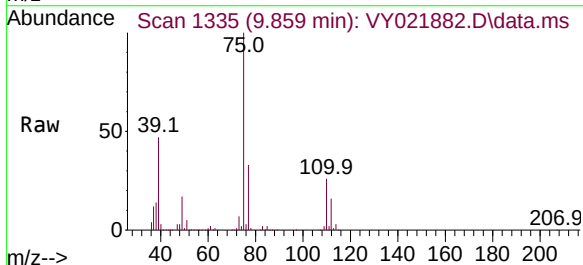
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

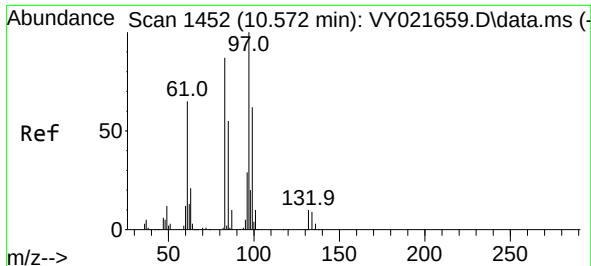
Tgt Ion: 75 Resp: 190548
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.856 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 75 Resp: 220353
Ion Ratio Lower Upper
75 100
77 33.1 24.9 37.3
39 47.0 39.2 58.8



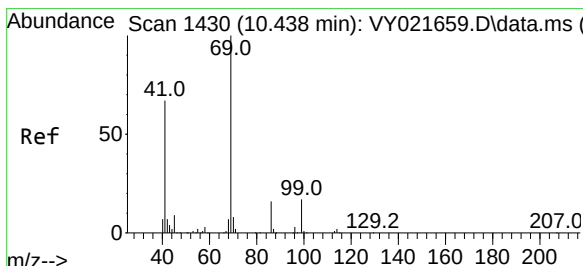
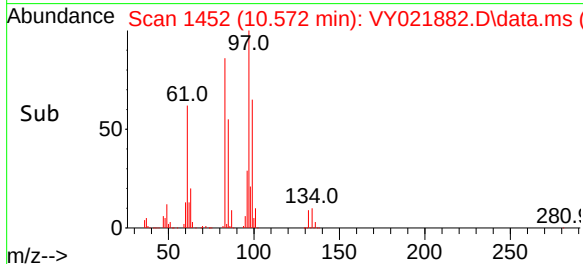
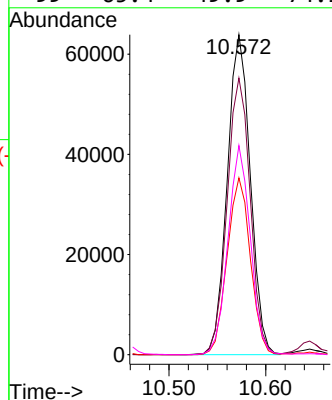
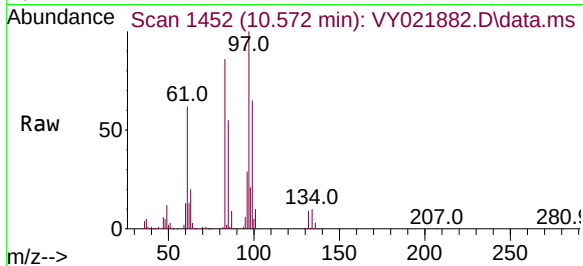


#55
1,1,2-Trichloroethane
Concen: 52.722 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 106182

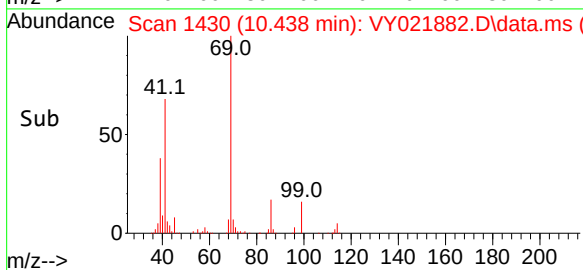
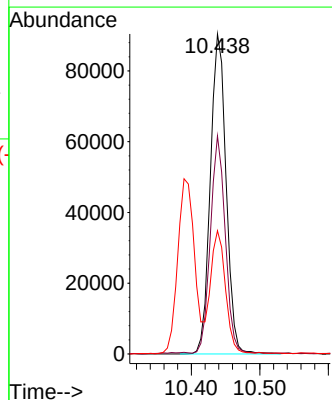
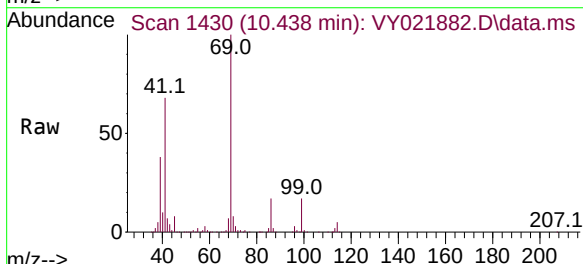
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.5	104.3
85	55.3	43.9	65.9
99	65.4	49.9	74.9

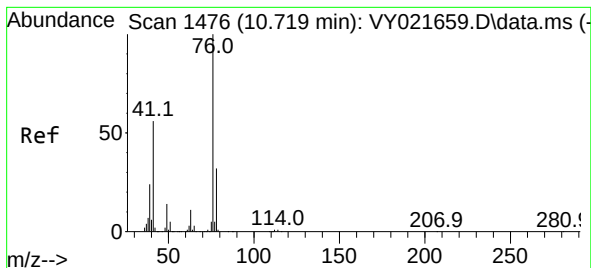


#56
Ethyl methacrylate
Concen: 56.137 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 69 Resp: 144364

Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.8	80.6
39	37.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 52.968 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

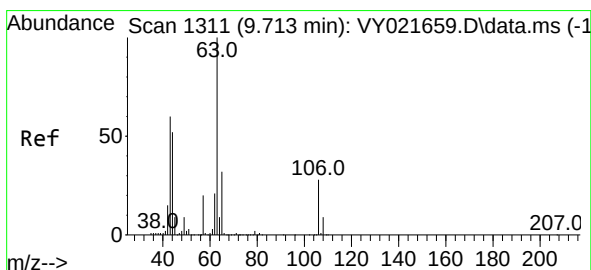
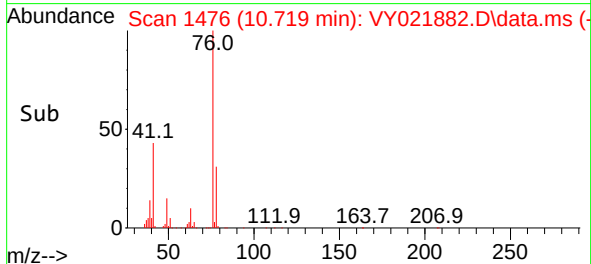
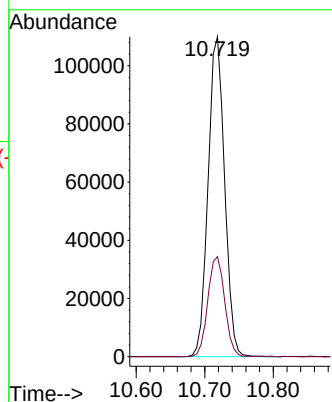
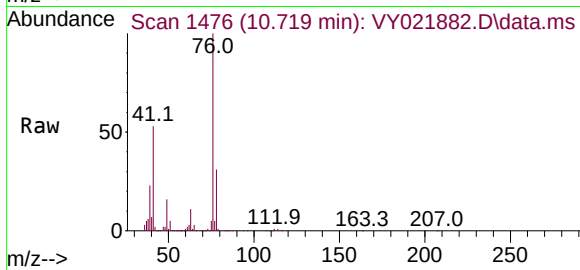
VSTDCCC050

Tgt Ion: 76 Resp: 184238

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 290.953 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021882.D

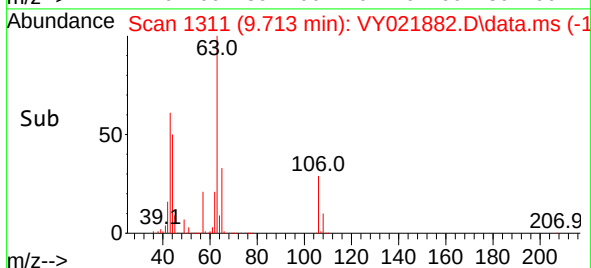
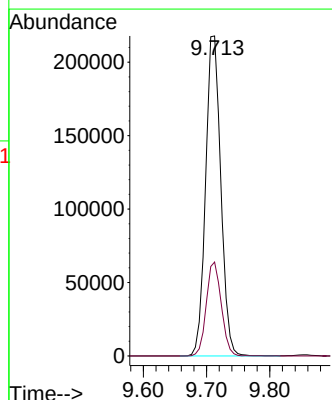
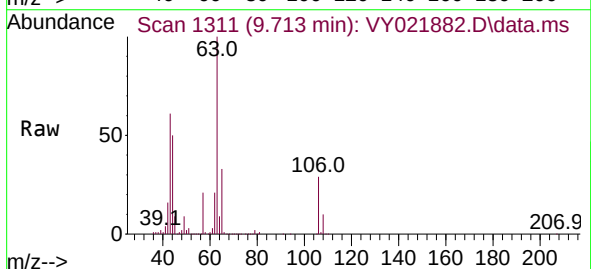
Acq: 15 Apr 2025 09:03

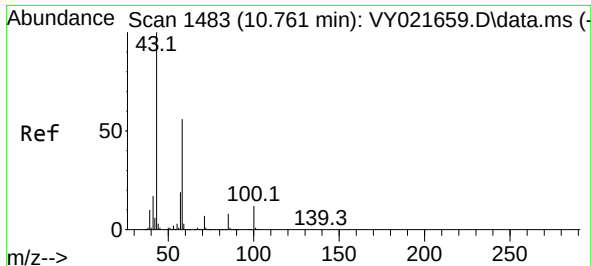
Tgt Ion: 63 Resp: 365010

Ion Ratio Lower Upper

63 100

106 28.9 22.4 33.6

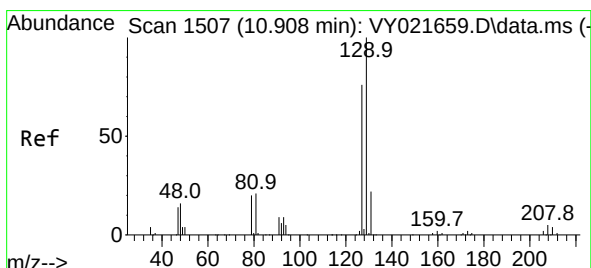
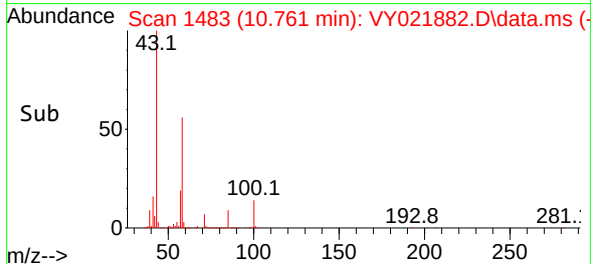
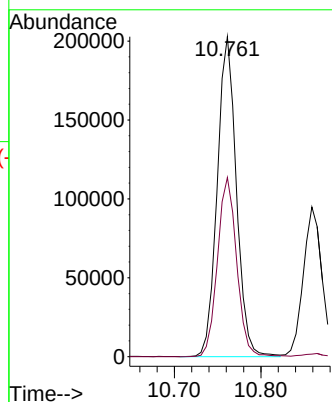
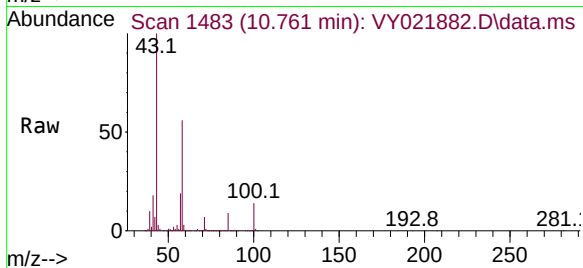




#59
2-Hexanone
Concen: 261.814 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

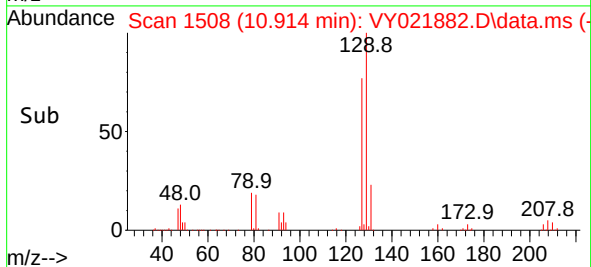
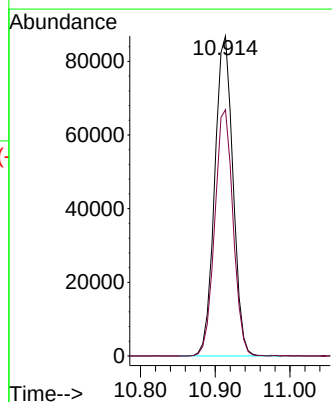
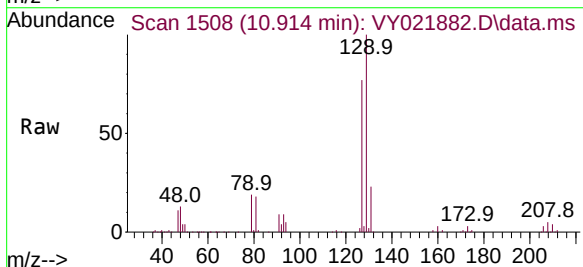
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

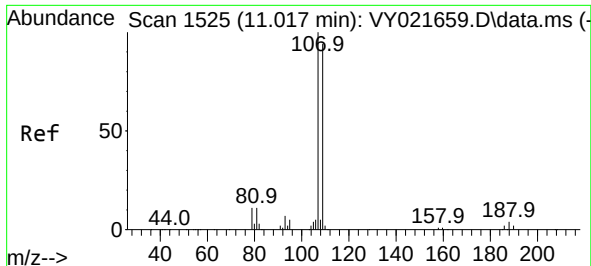
Tgt Ion: 43 Resp: 310878
Ion Ratio Lower Upper
43 100
58 56.3 27.2 81.5



#60
Dibromochloromethane
Concen: 53.600 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 129 Resp: 147386
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

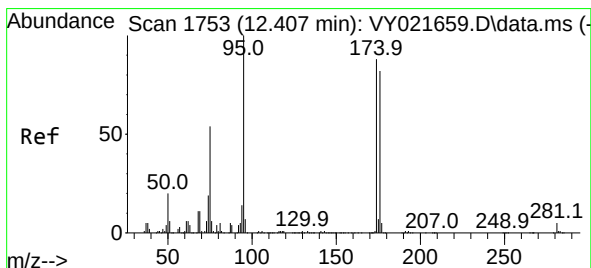
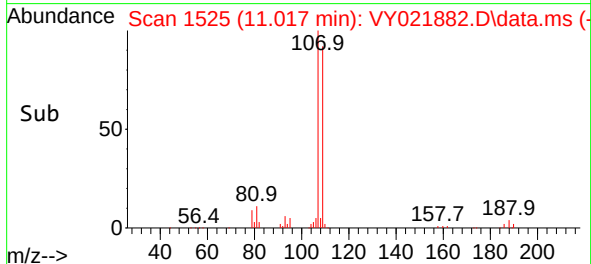
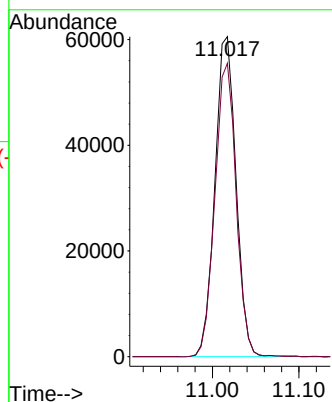
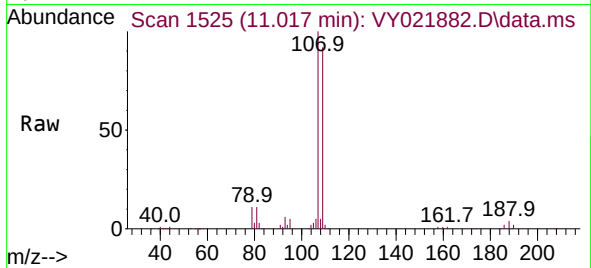




#61
1,2-Dibromoethane
Concen: 54.253 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

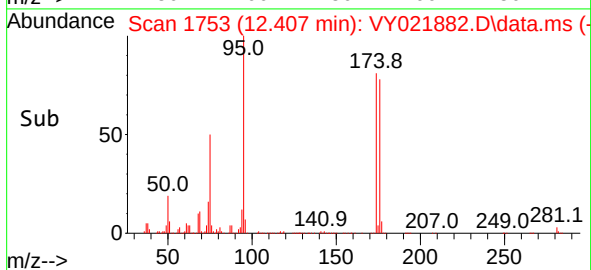
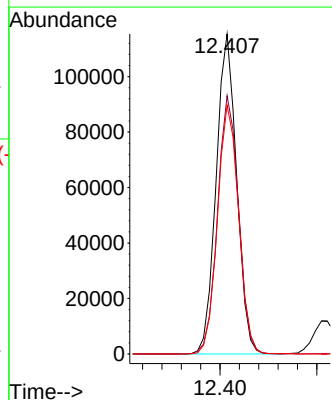
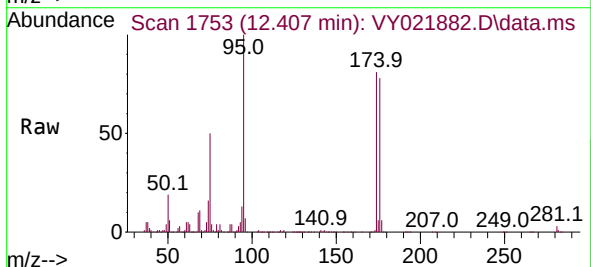
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

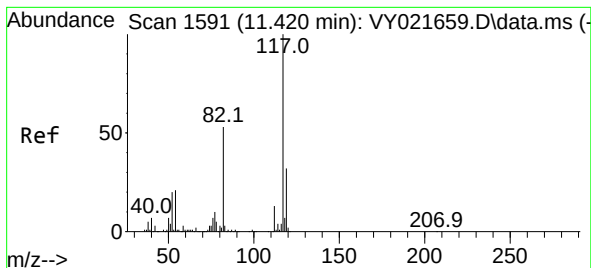
Tgt Ion:107 Resp: 102499
Ion Ratio Lower Upper
107 100
109 92.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.375 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 95 Resp: 169500
Ion Ratio Lower Upper
95 100
174 82.6 0.0 170.8
176 80.1 0.0 162.0

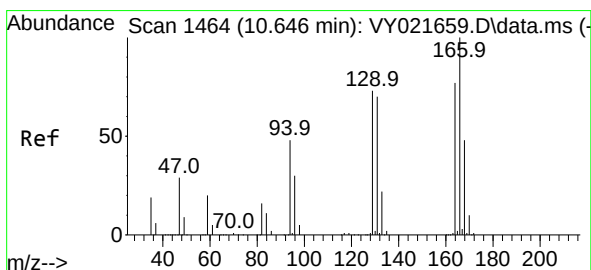
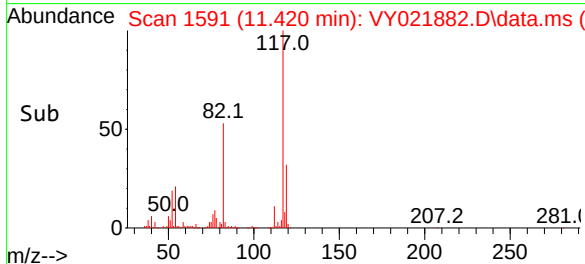
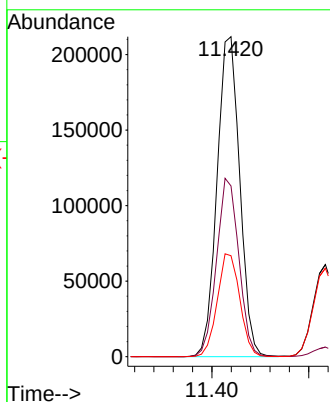
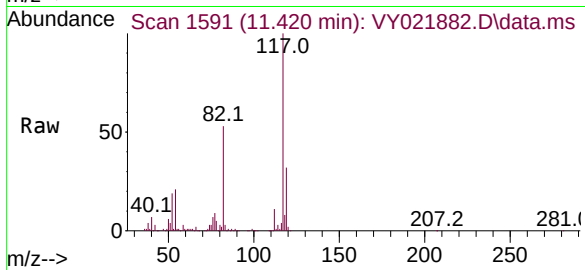




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

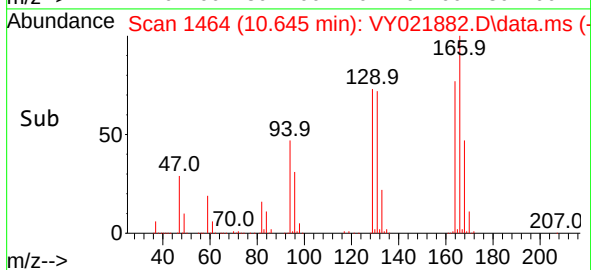
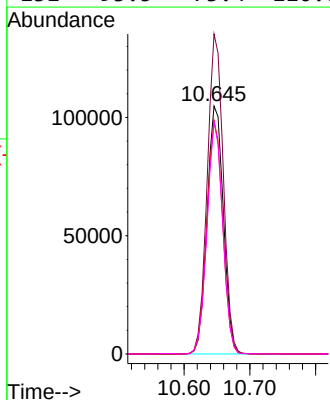
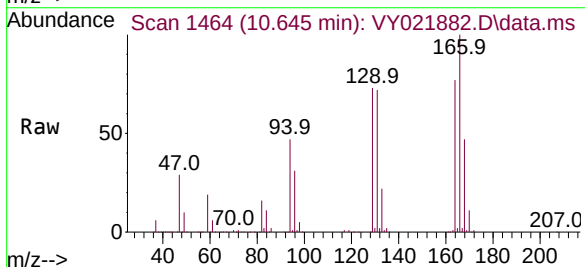
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

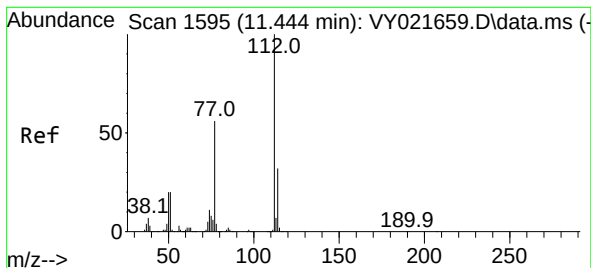
Tgt Ion:117 Resp: 344739
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 57.840 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:164 Resp: 181606
Ion Ratio Lower Upper
164 100
166 129.1 104.6 156.8
129 94.3 76.6 114.8
131 93.5 73.4 110.0

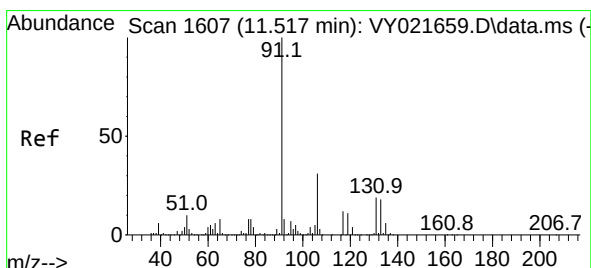
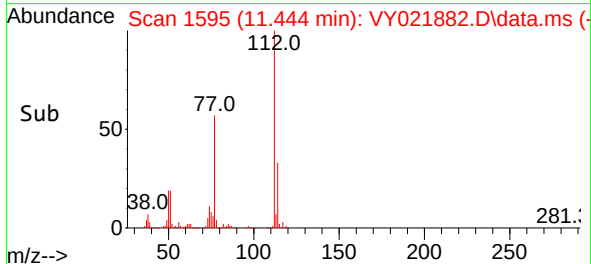
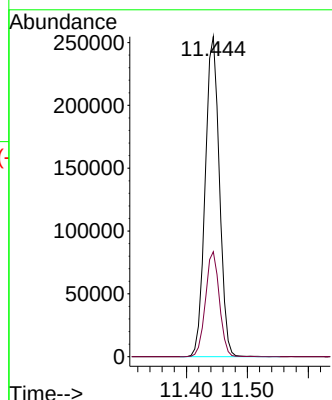
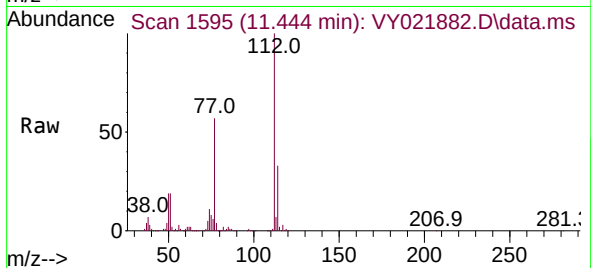




#65
Chlorobenzene
Concen: 52.119 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

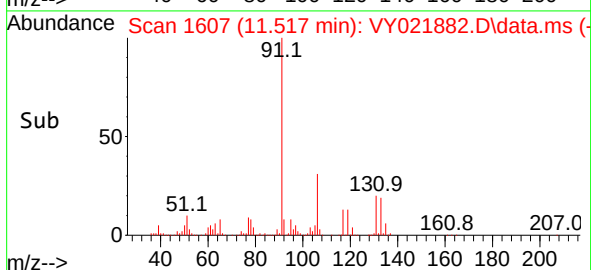
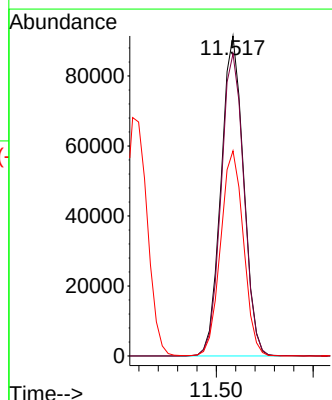
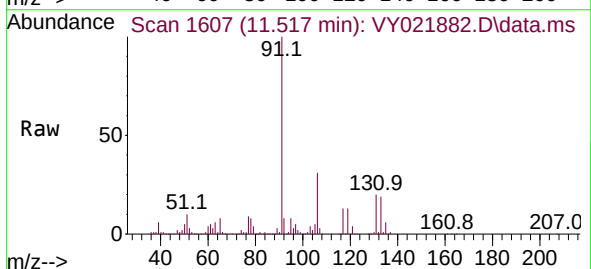
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

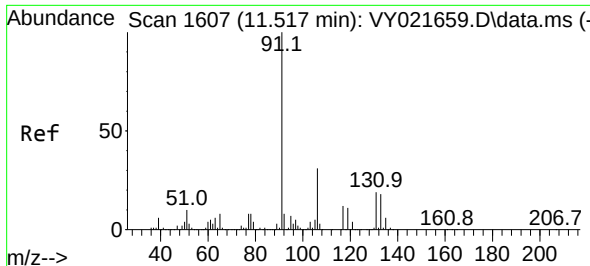
Tgt Ion:112 Resp: 411870
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.704 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:131 Resp: 147773
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 65.0 31.6 95.0





#67

Ethyl Benzene

Concen: 53.300 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

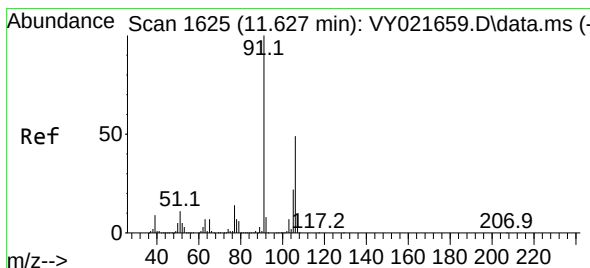
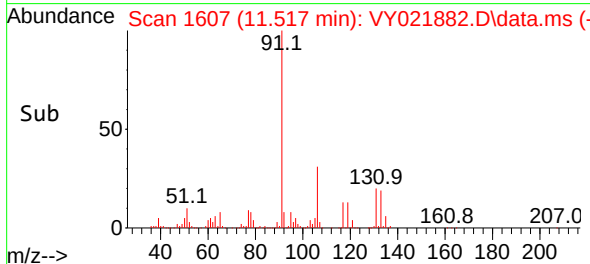
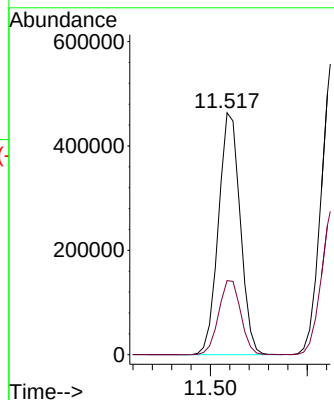
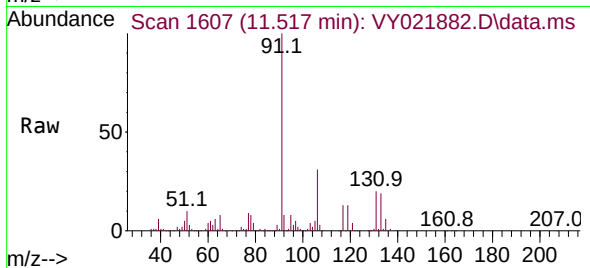
VSTDCCC050

Tgt Ion: 91 Resp: 722279

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 107.178 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021882.D

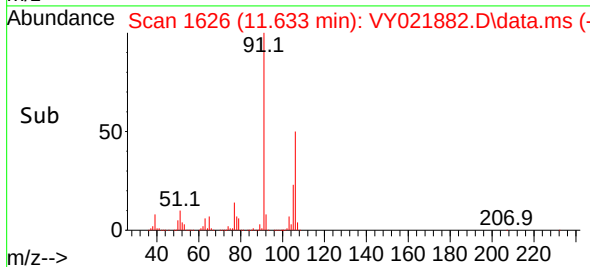
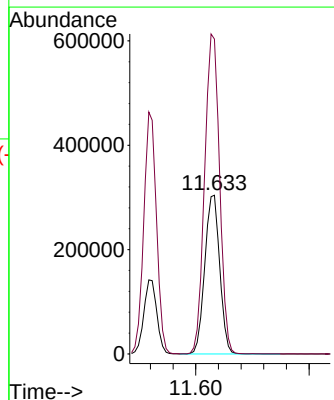
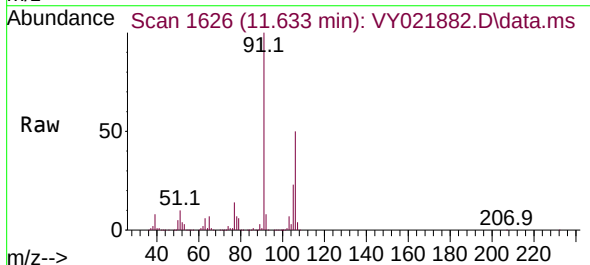
Acq: 15 Apr 2025 09:03

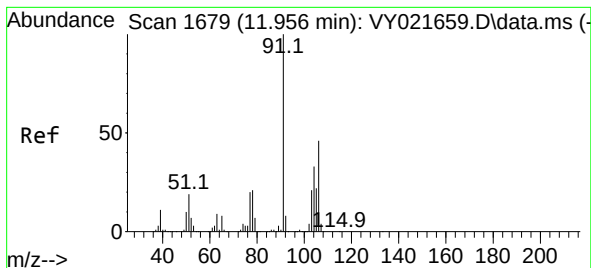
Tgt Ion:106 Resp: 556160

Ion Ratio Lower Upper

106 100

91 202.0 162.4 243.6

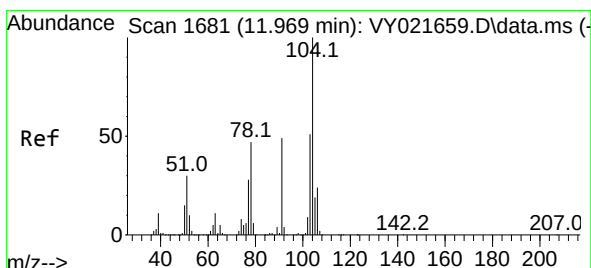
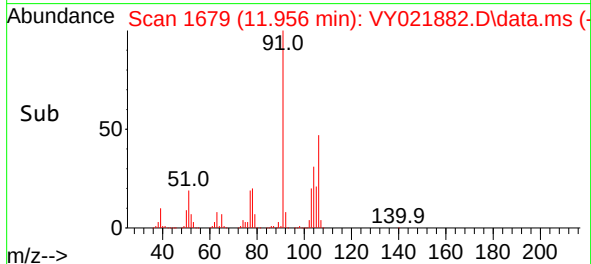
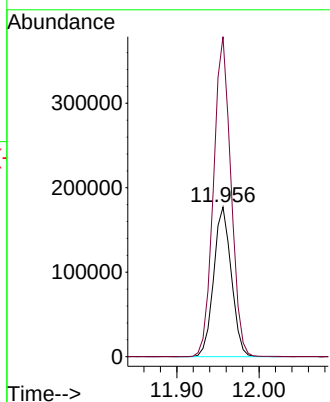
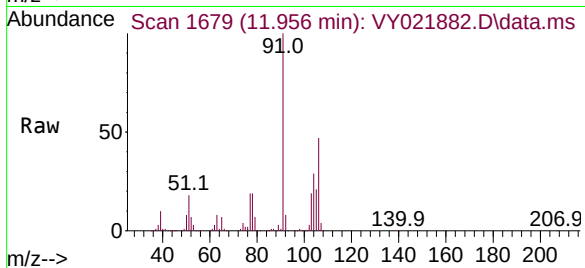




#69
o-Xylene
Concen: 55.164 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

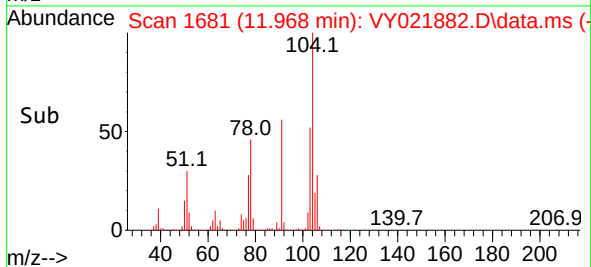
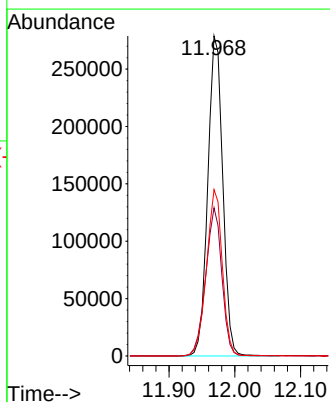
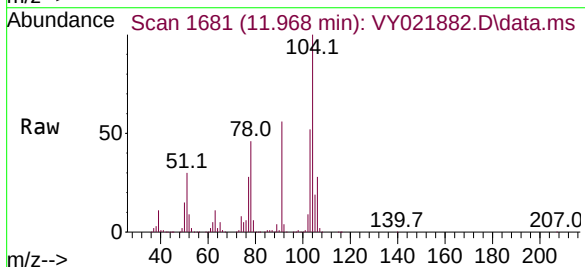
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

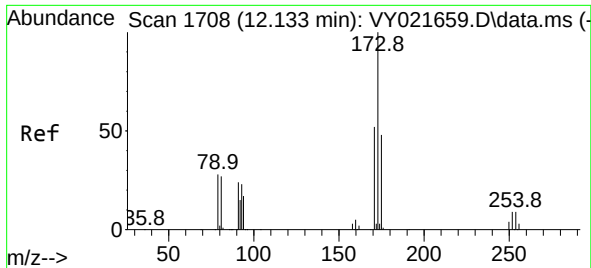
Tgt Ion:106 Resp: 264235
Ion Ratio Lower Upper
106 100
91 212.0 106.7 319.9



#70
Styrene
Concen: 55.250 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:104 Resp: 441254
Ion Ratio Lower Upper
104 100
78 50.0 40.8 61.2
103 54.9 44.2 66.2

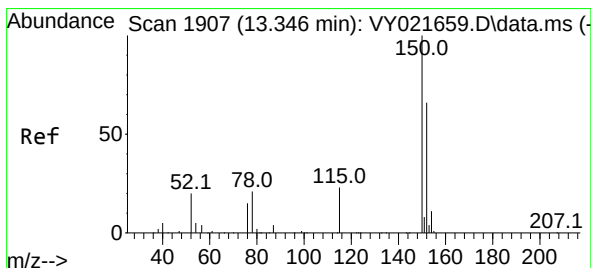
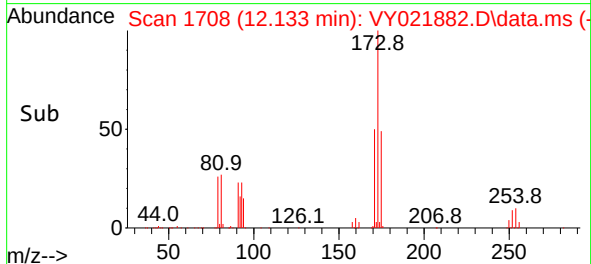
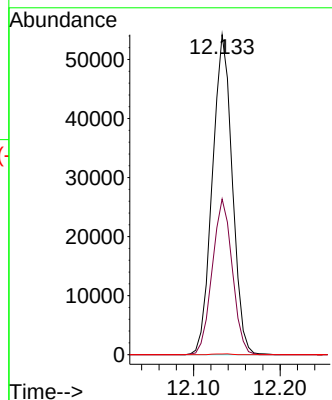
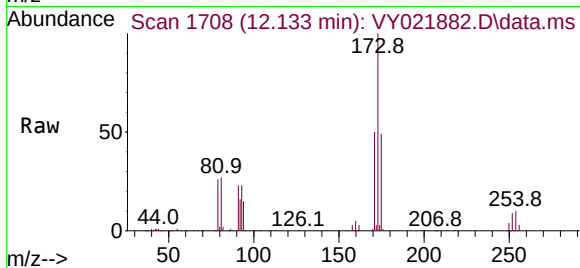




#71
Bromoform
Concen: 54.146 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

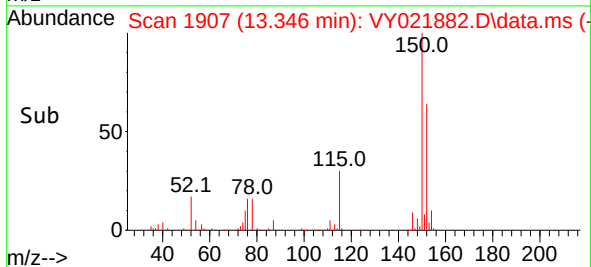
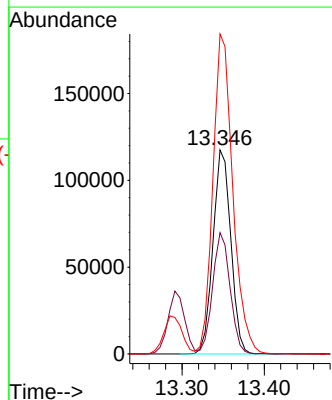
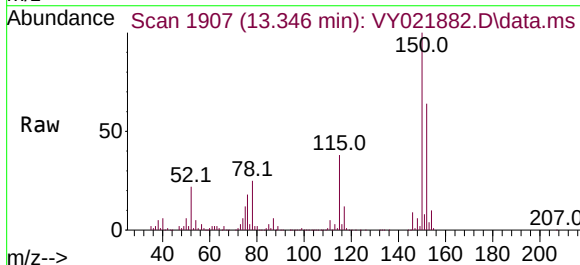
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

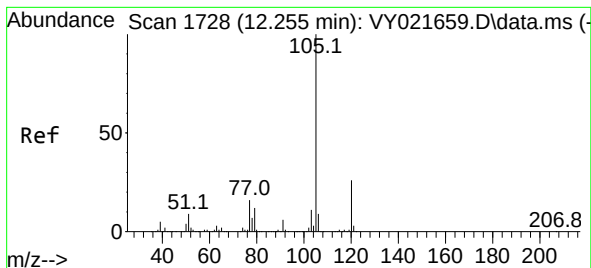
Tgt Ion:173 Resp: 86599
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:152 Resp: 176924
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 174.9 0.0 348.4





#73

Isopropylbenzene

Concen: 52.727 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

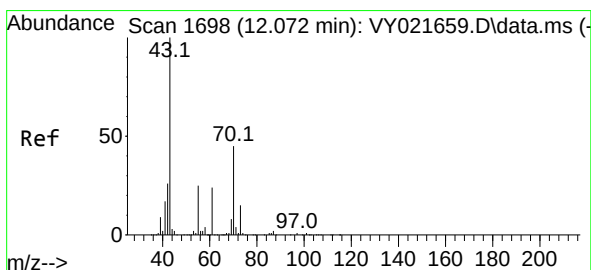
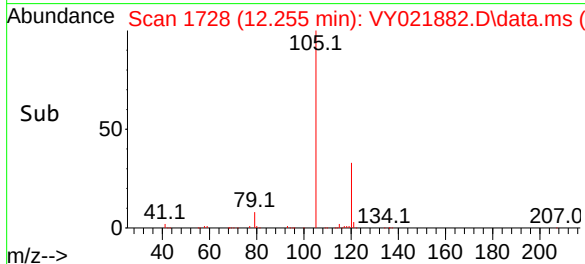
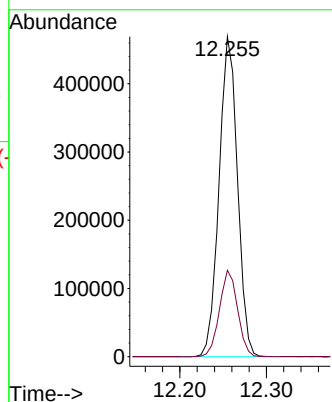
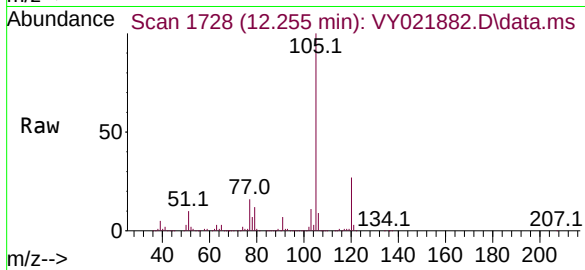
VSTDCCC050

Tgt Ion:105 Resp: 692870

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 51.230 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Tgt Ion: 43 Resp: 157994

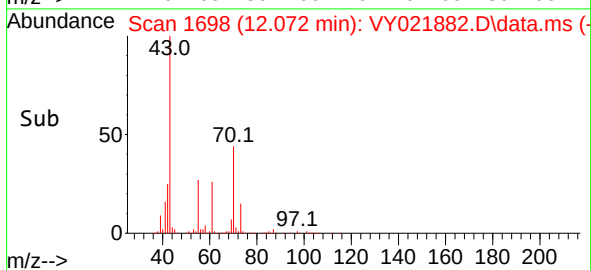
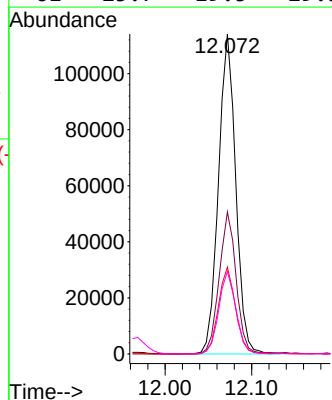
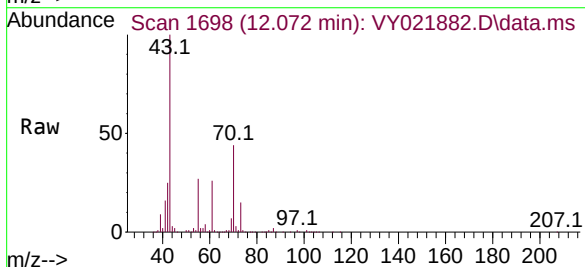
Ion Ratio Lower Upper

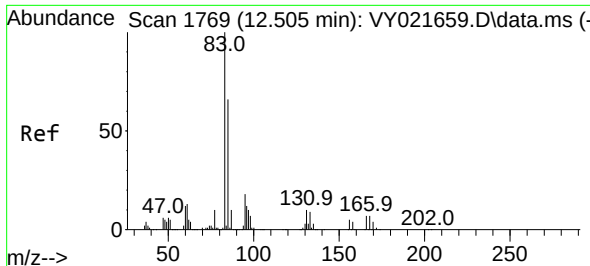
43 100

70 44.0 34.7 52.1

55 27.3 21.2 31.8

61 25.7 19.5 29.3

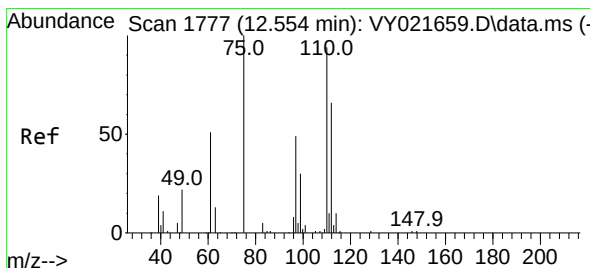
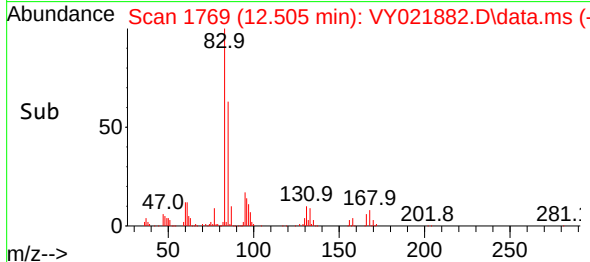
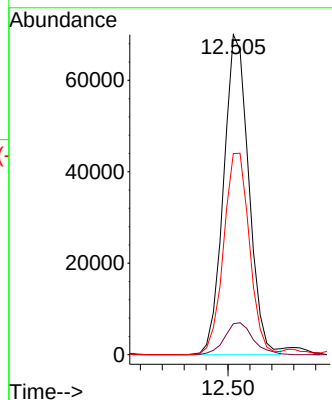
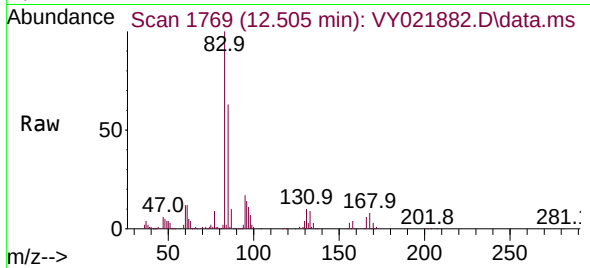




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.175 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

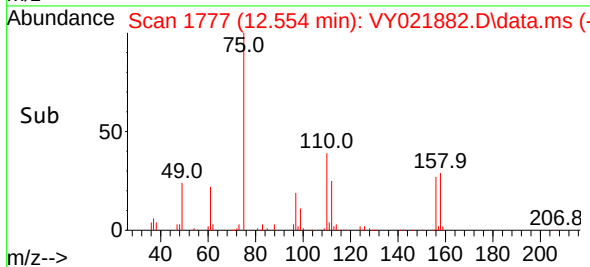
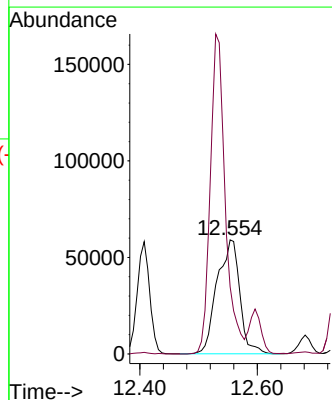
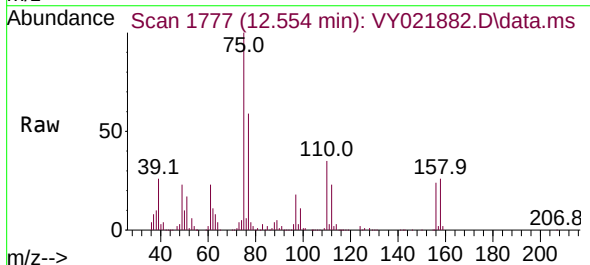
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

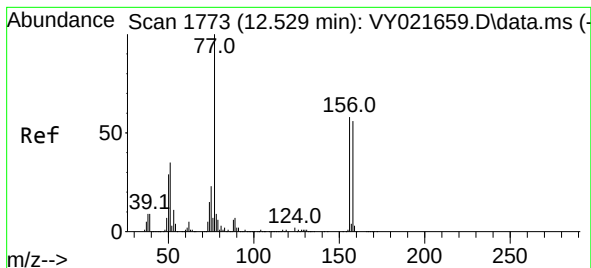
Tgt Ion: 83 Resp: 111454
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 90.317 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

Tgt Ion: 75 Resp: 158395
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.712 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

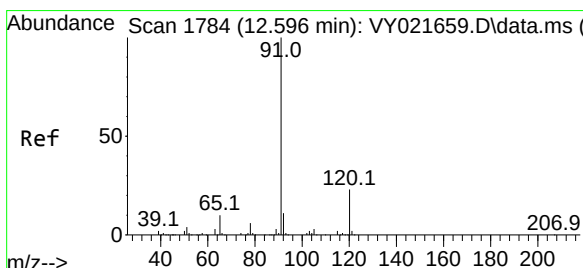
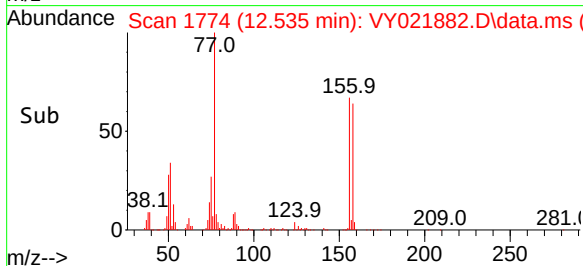
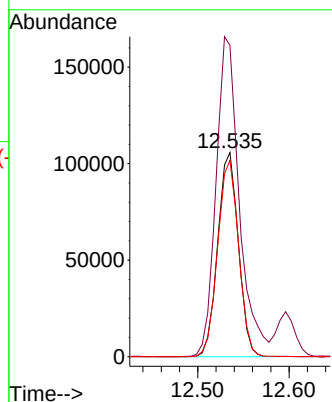
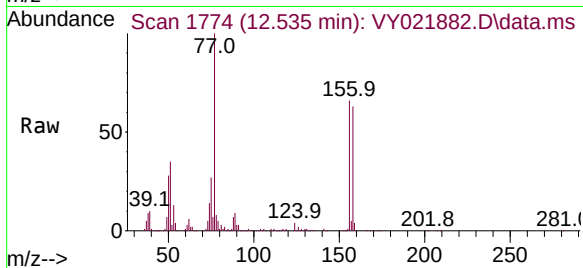
Tgt Ion:156 Resp: 166313

Ion Ratio Lower Upper

156 100

77 177.3 92.8 278.3

158 97.5 48.5 145.6



#78

n-propylbenzene

Concen: 52.525 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY021882.D

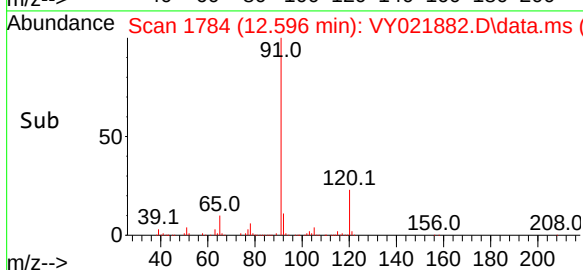
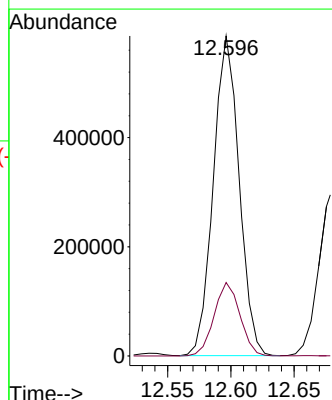
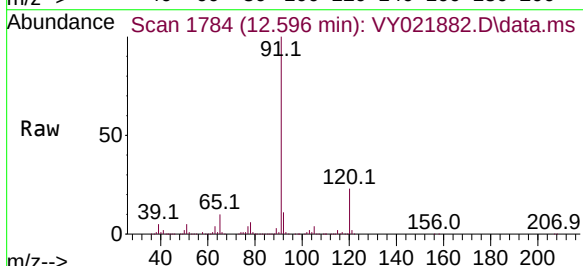
Acq: 15 Apr 2025 09:03

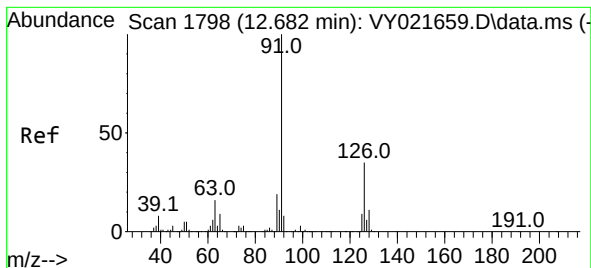
Tgt Ion: 91 Resp: 829804

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.976 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

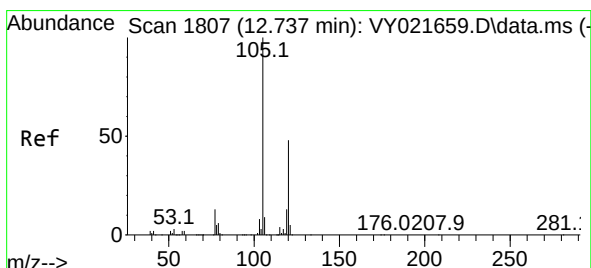
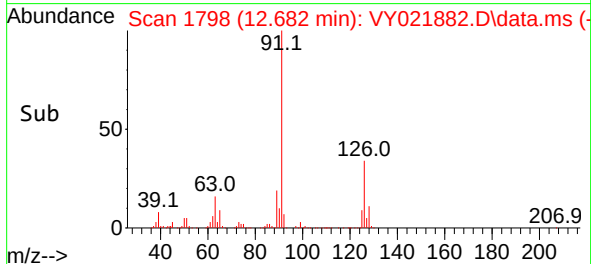
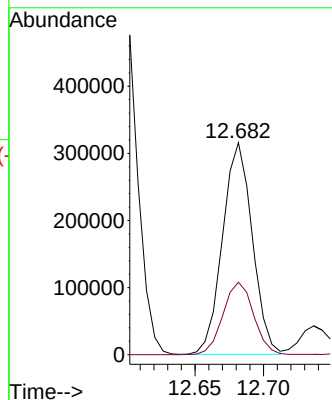
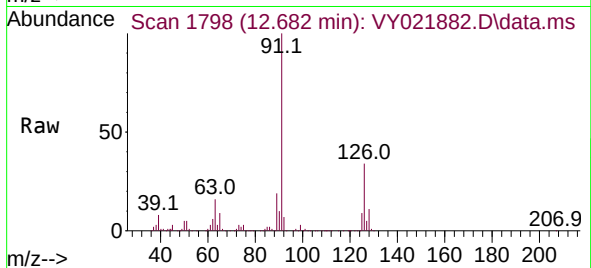
VSTDCCC050

Tgt Ion: 91 Resp: 476932

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 52.996 ug/l

RT: 12.736 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021882.D

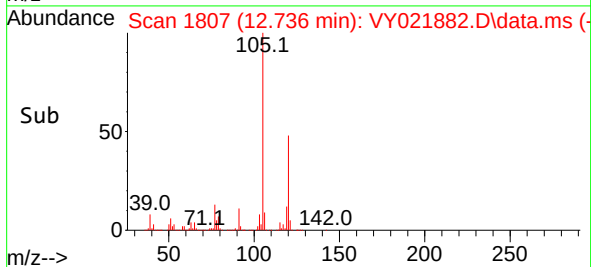
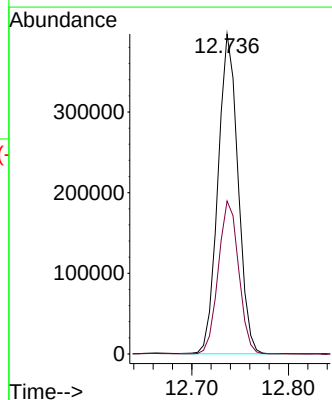
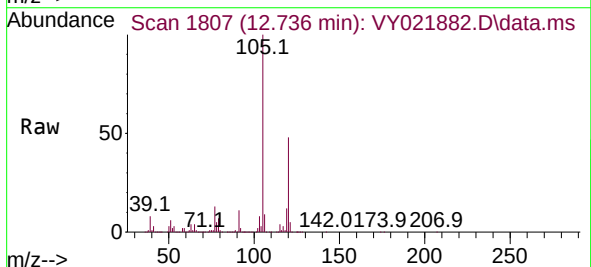
Acq: 15 Apr 2025 09:03

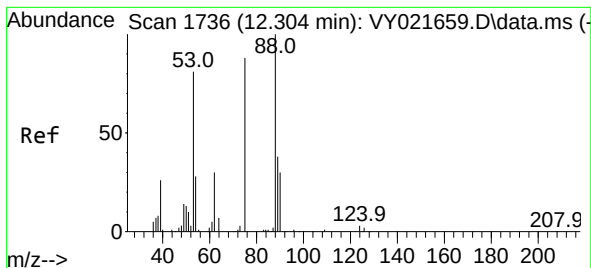
Tgt Ion: 105 Resp: 569169

Ion Ratio Lower Upper

105 100

120 48.7 24.5 73.5

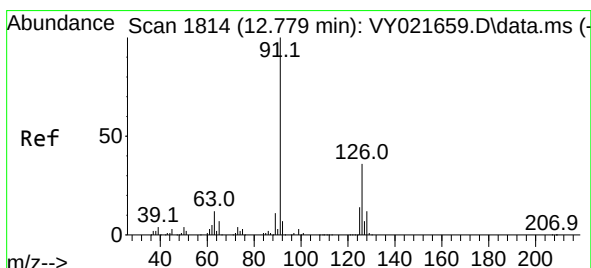
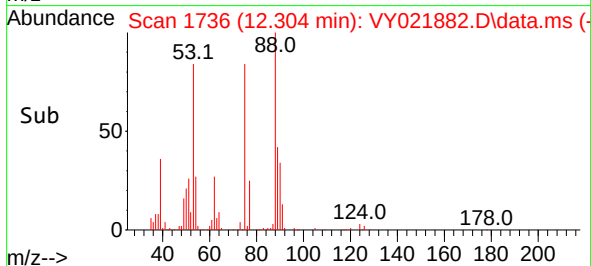
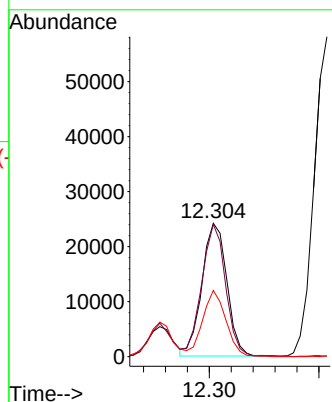
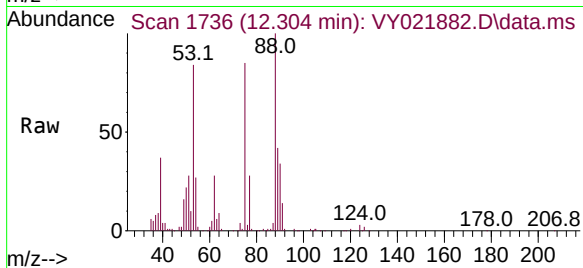




#81
trans-1,4-Dichloro-2-butene
Concen: 50.049 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

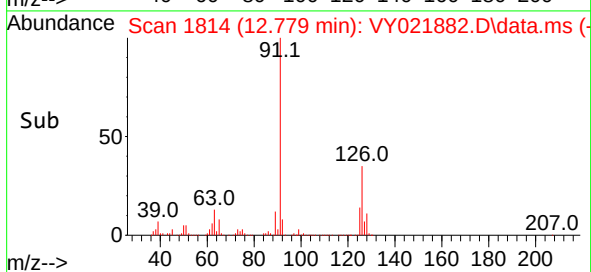
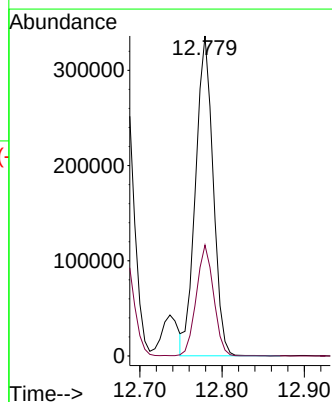
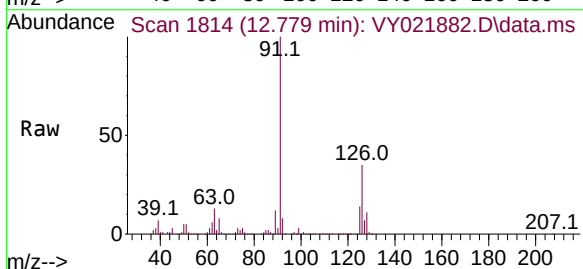
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

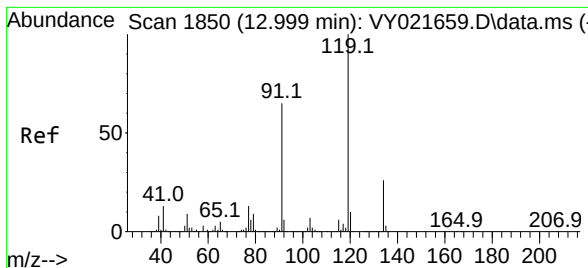
Tgt Ion: 75 Resp: 38094
Ion Ratio Lower Upper
75 100
53 96.9 76.1 114.1
89 46.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.932 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion: 91 Resp: 496802
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

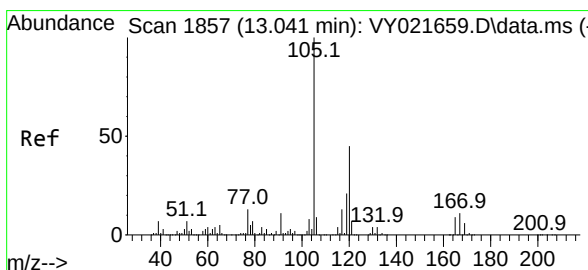
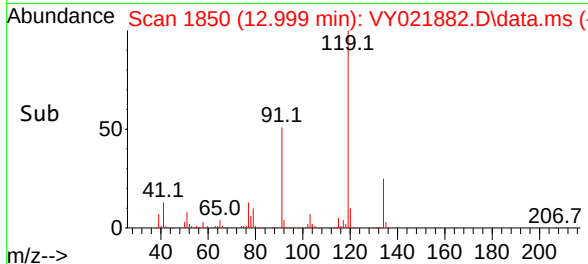
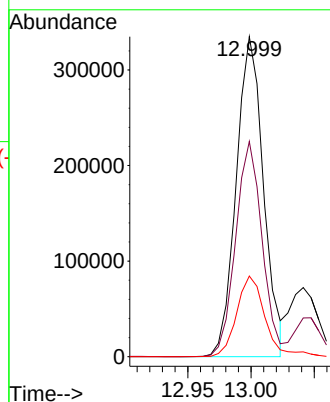
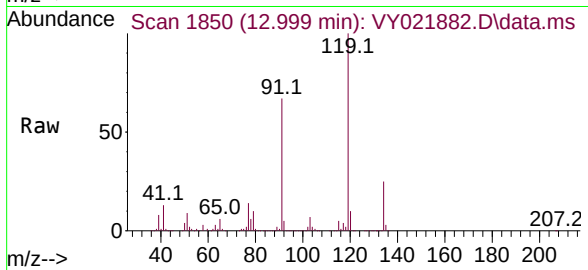




#83
tert-Butylbenzene
Concen: 52.580 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

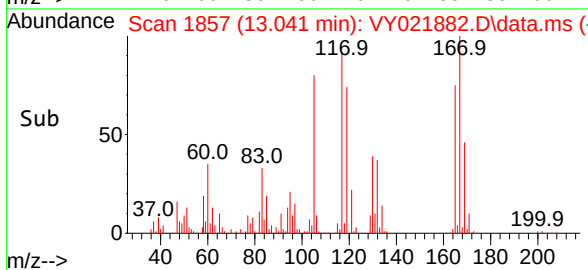
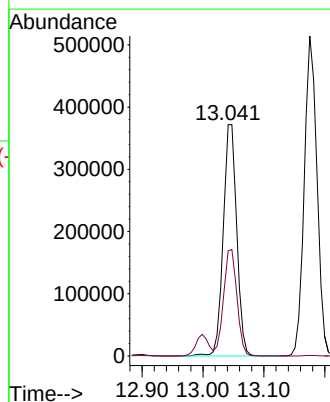
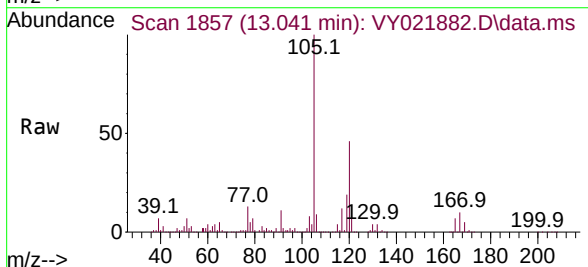
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

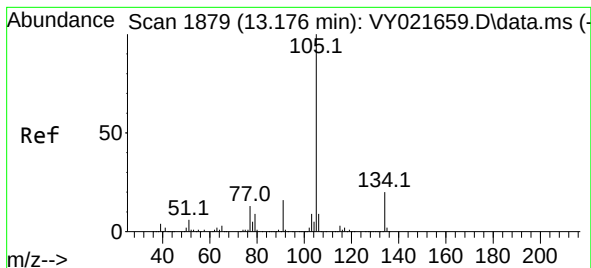
Tgt Ion:119 Resp: 502983
Ion Ratio Lower Upper
119 100
91 65.0 32.6 97.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 53.853 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021882.D
Acq: 15 Apr 2025 09:03

Tgt Ion:105 Resp: 571642
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.193 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

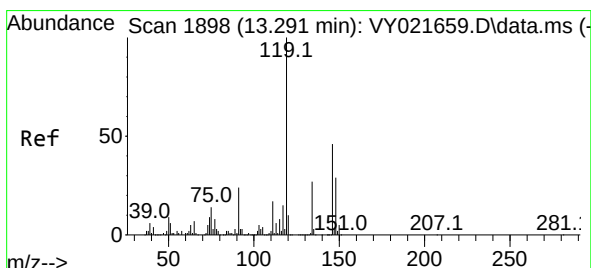
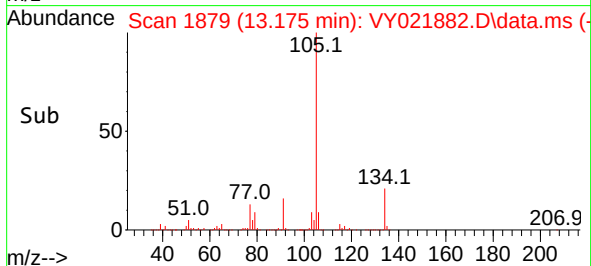
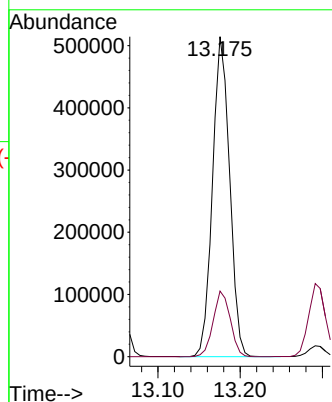
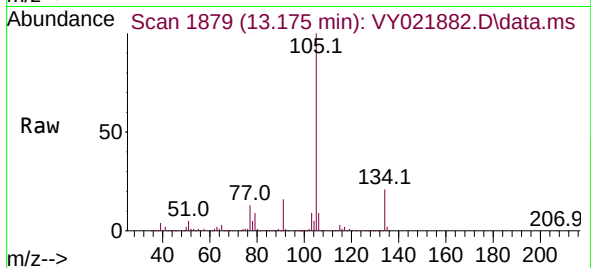
VSTDCCC050

Tgt Ion:105 Resp: 743617

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.732 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

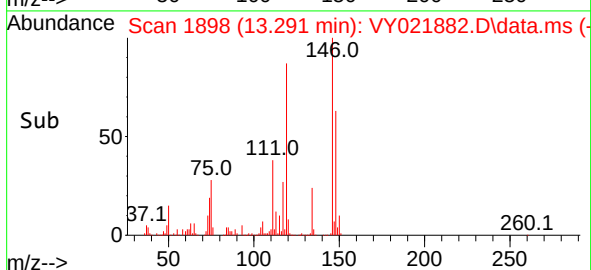
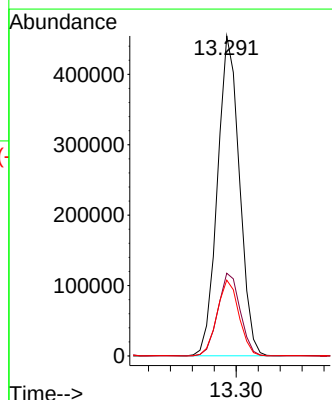
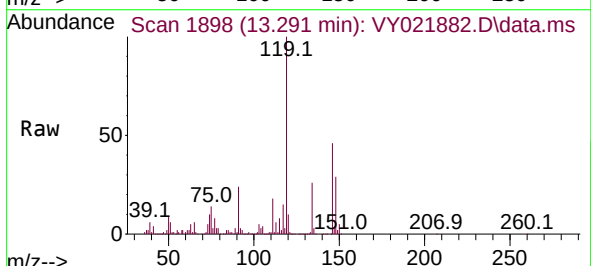
Tgt Ion:119 Resp: 632394

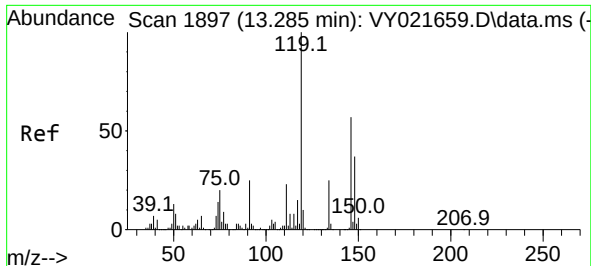
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 52.347 ug/l

RT: 13.291 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

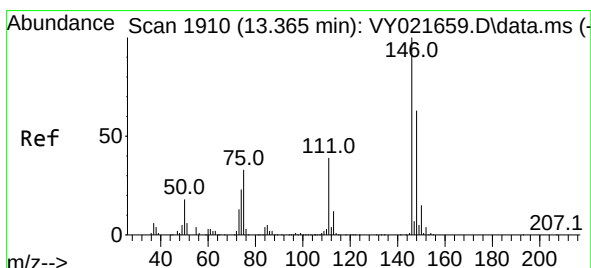
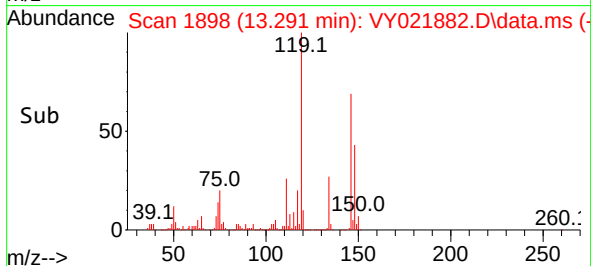
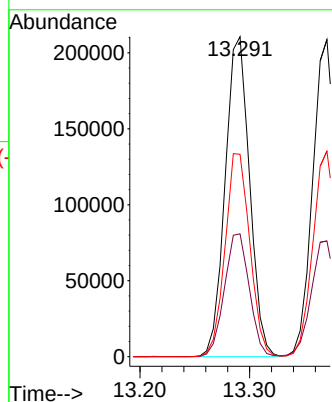
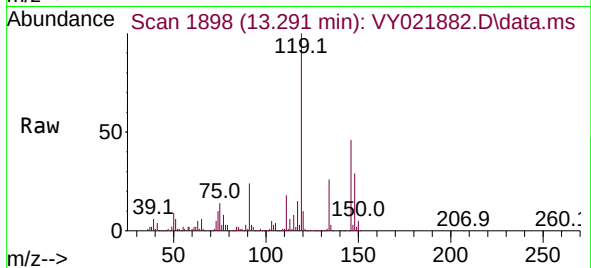
Tgt Ion:146 Resp: 325398

Ion Ratio Lower Upper

146 100

111 39.2 20.0 60.0

148 64.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.852 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

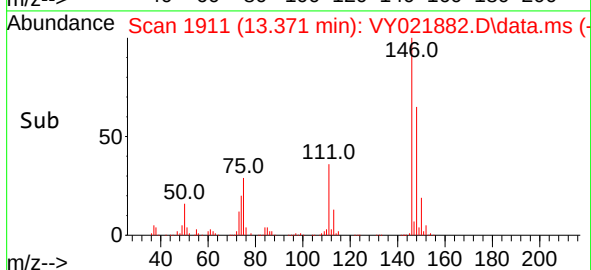
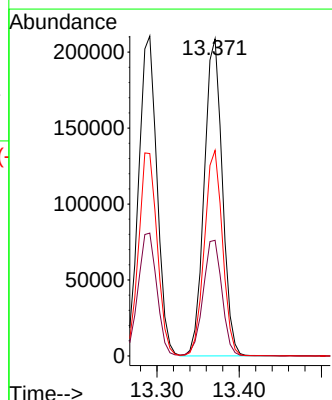
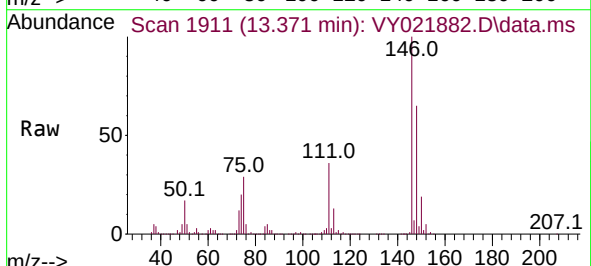
Tgt Ion:146 Resp: 318449

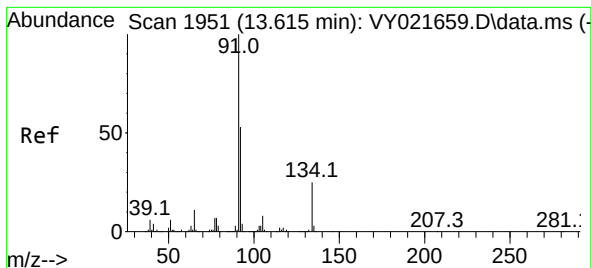
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 53.861 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

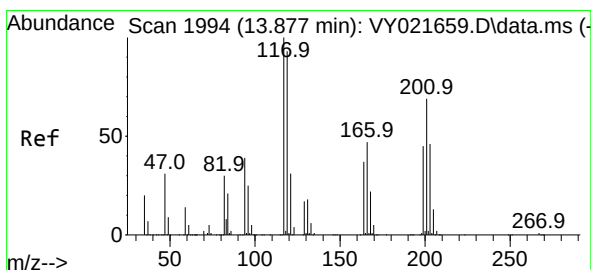
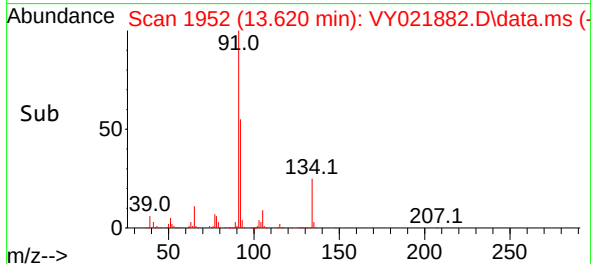
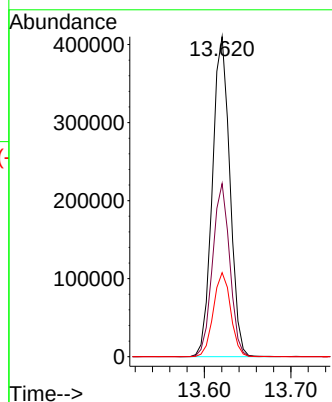
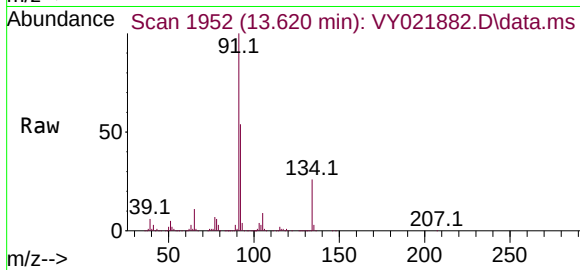
Tgt Ion: 91 Resp: 575537

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 51.061 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021882.D

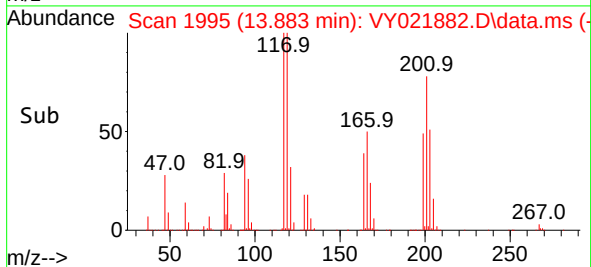
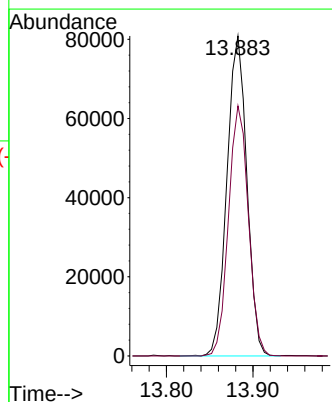
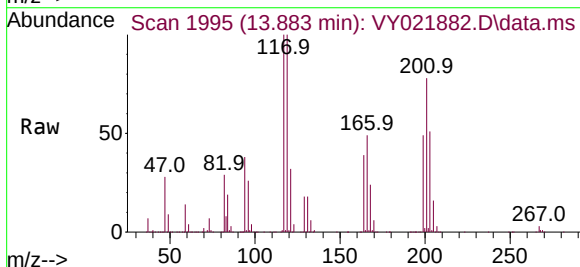
Acq: 15 Apr 2025 09:03

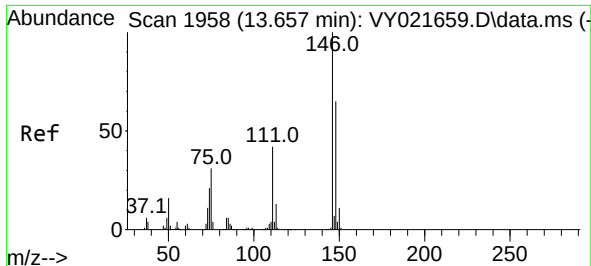
Tgt Ion: 117 Resp: 129286

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.1

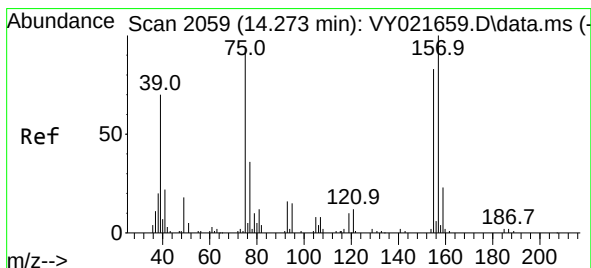
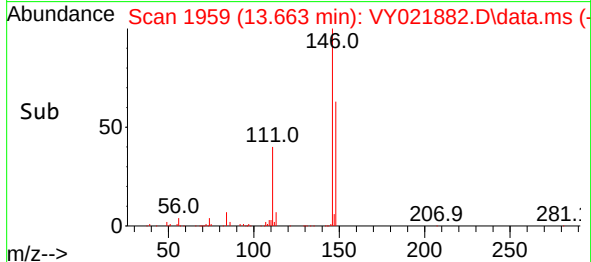
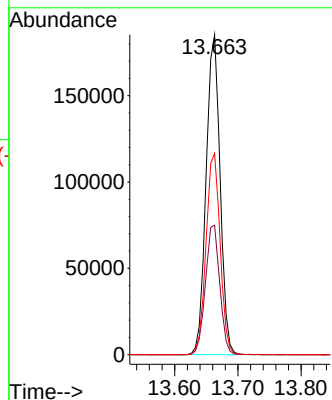
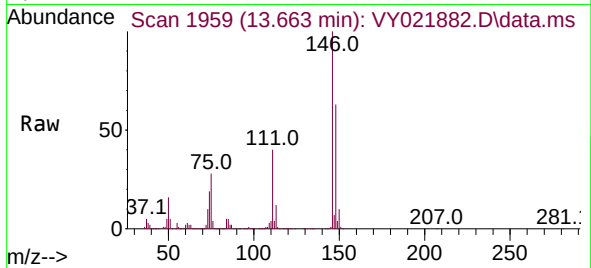




#91
 1,2-Dichlorobenzene
 Concen: 52.770 ug/l
 RT: 13.663 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

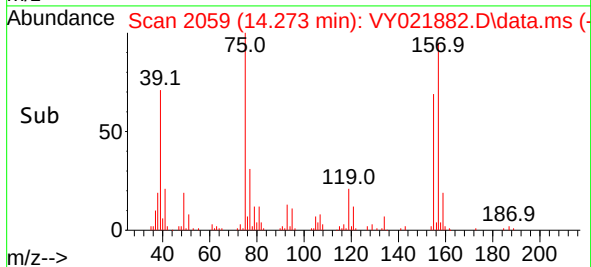
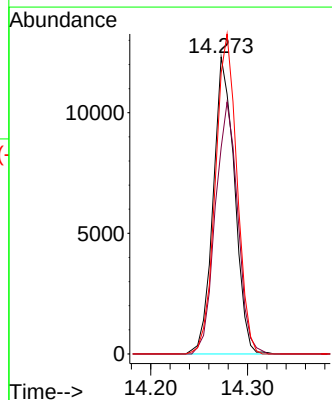
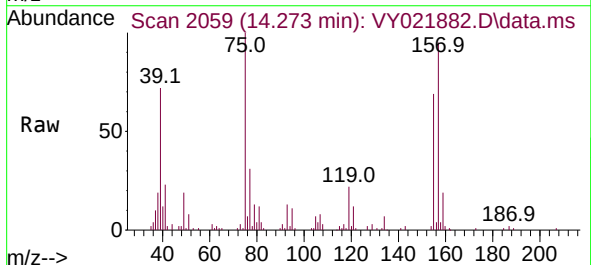
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

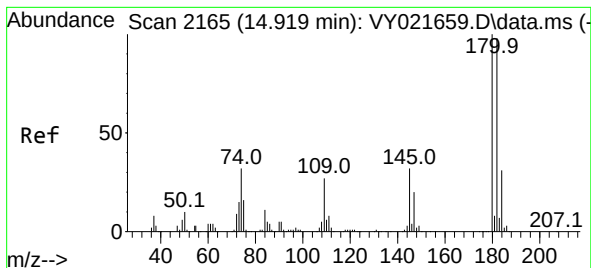
Tgt Ion:146 Resp: 285549
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 63.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.278 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY021882.D
 Acq: 15 Apr 2025 09:03

Tgt Ion: 75 Resp: 18777
 Ion Ratio Lower Upper
 75 100
 155 88.7 43.0 128.8
 157 109.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 58.596 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

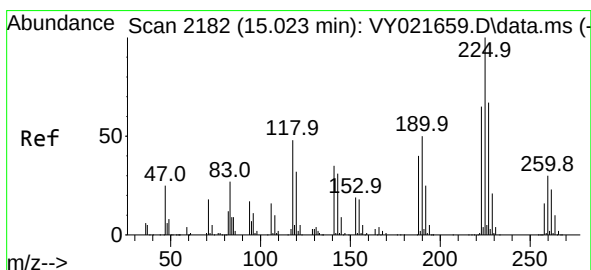
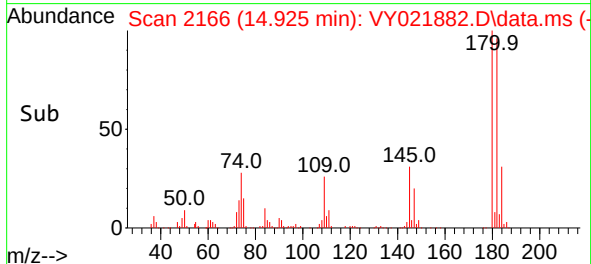
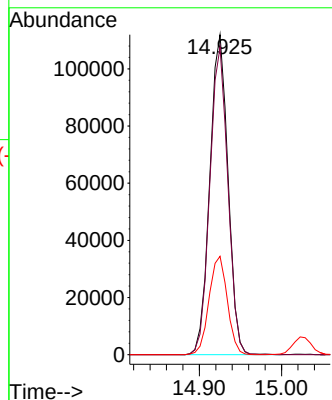
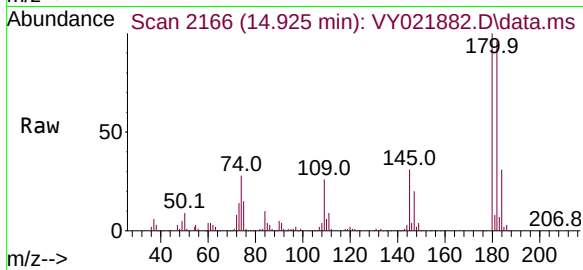
Tgt Ion:180 Resp: 171949

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 30.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 56.670 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

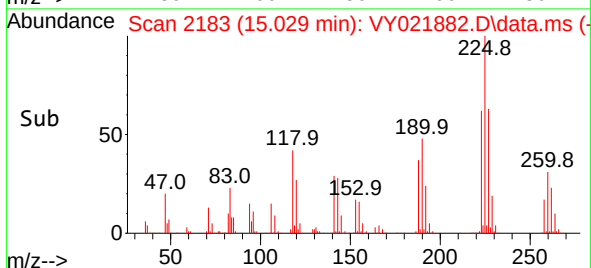
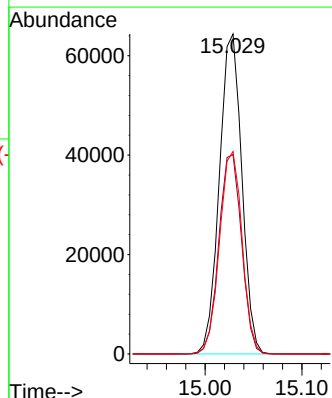
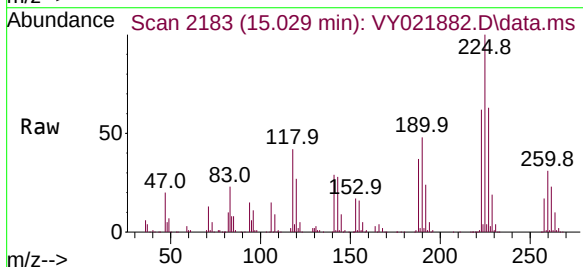
Tgt Ion:225 Resp: 103857

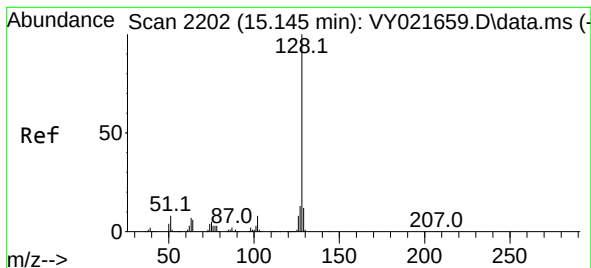
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.7

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 61.987 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

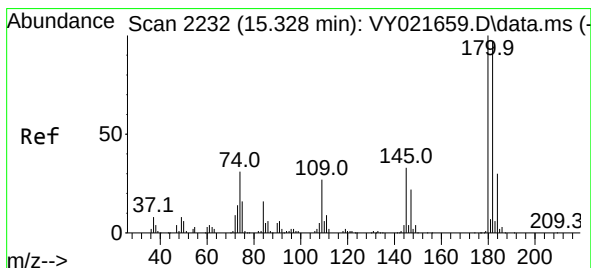
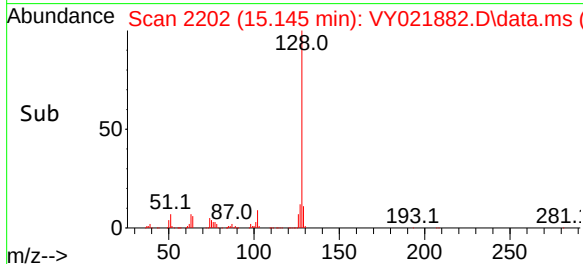
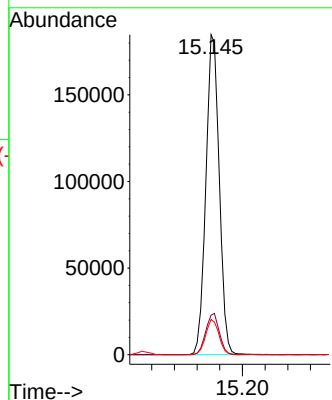
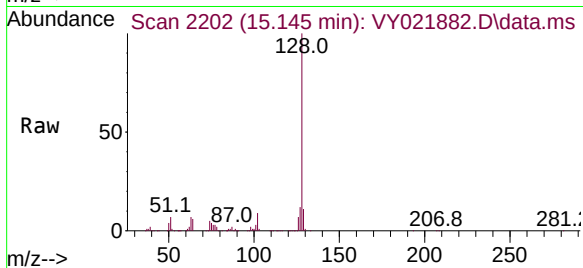
Tgt Ion:128 Resp: 301505

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 59.579 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021882.D

Acq: 15 Apr 2025 09:03

Tgt Ion:180 Resp: 149087

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 31.8 15.9 47.7

