

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021962.D
 Acq On : 23 Apr 2025 09:57
 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 24 03:44:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	304636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	465219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	430304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	227723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133520	47.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.634	113	151319	49.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.109	98	589167	50.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.408	95	196424	50.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.720%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	116536	44.894	ug/l 99
3) Chloromethane	2.068	50	181350	49.065	ug/l 99
4) Vinyl Chloride	2.202	62	217446	47.874	ug/l 100
5) Bromomethane	2.599	94	182857	46.729	ug/l 100
6) Chloroethane	2.733	64	152398	49.267	ug/l 98
7) Trichlorofluoromethane	3.056	101	287420	47.989	ug/l 98
8) Diethyl Ether	3.452	74	69537	44.607	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.818	101	149408	45.985	ug/l 99
10) Methyl Iodide	4.007	142	183739	48.844	ug/l 98
11) Tert butyl alcohol	4.879	59	31210	202.034	ug/l # 88
12) 1,1-Dichloroethene	3.793	96	143778	47.476	ug/l 99
13) Acrolein	3.659	56	56593	204.115	ug/l 97
14) Allyl chloride	4.385	41	168316	47.732	ug/l 100
15) Acrylonitrile	5.061	53	126185	221.107	ug/l 99
16) Acetone	3.879	43	84438	227.318	ug/l 91
17) Carbon Disulfide	4.104	76	465690	48.228	ug/l 99
18) Methyl Acetate	4.391	43	60532	46.052	ug/l 99
19) Methyl tert-butyl Ether	5.122	73	317518	46.844	ug/l 99
20) Methylene Chloride	4.616	84	157872	44.370	ug/l 98
21) trans-1,2-Dichloroethene	5.116	96	166597	49.120	ug/l 96
22) Diisopropyl ether	6.019	45	390556	49.769	ug/l 97
23) Vinyl Acetate	5.964	43	1018467	240.820	ug/l 100
24) 1,1-Dichloroethane	5.915	63	261269	48.033	ug/l 98
25) 2-Butanone	6.896	43	139641	217.710	ug/l 99
26) 2,2-Dichloropropane	6.890	77	231168	48.489	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	184296	48.597	ug/l 99
28) Bromochloromethane	7.250	49	102469	48.500	ug/l 99
29) Tetrahydrofuran	7.262	42	93574	224.622	ug/l 98
30) Chloroform	7.421	83	294102	48.745	ug/l 100
31) Cyclohexane	7.701	56	220118	47.322	ug/l 100
32) 1,1,1-Trichloroethane	7.616	97	261492	47.904	ug/l 100
36) 1,1-Dichloropropene	7.835	75	207306	50.213	ug/l 99
37) Ethyl Acetate	6.988	43	65822	44.392	ug/l 98
38) Carbon Tetrachloride	7.817	117	244632	49.588	ug/l 97
39) Methylcyclohexane	9.110	83	257532	49.568	ug/l 97
40) Benzene	8.079	78	642424	49.779	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	36422	44.935	ug/l	97
42) 1,2-Dichloroethane	8.158	62	153778	48.127	ug/l	100
43) Isopropyl Acetate	8.201	43	131510	46.184	ug/l	98
44) Trichloroethene	8.866	130	172785	48.336	ug/l	98
45) 1,2-Dichloropropane	9.140	63	142245	49.841	ug/l	98
46) Dibromomethane	9.231	93	86051	48.165	ug/l	99
47) Bromodichloromethane	9.427	83	222639	49.884	ug/l	99
48) Methyl methacrylate	9.219	41	63582	48.301	ug/l	99
49) 1,4-Dioxane	9.244	88	17347	910.985	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	354051	237.188	ug/l	100
52) Toluene	10.170	92	431458	51.648	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	186739	48.779	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	226412	49.753	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	115302	48.315	ug/l	99
56) Ethyl methacrylate	10.439	69	135058	49.489	ug/l	99
57) 1,3-Dichloropropane	10.719	76	187872	49.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	330303	247.543	ug/l	100
59) 2-Hexanone	10.762	43	233063	236.717	ug/l	98
60) Dibromochloromethane	10.914	129	162089	49.058	ug/l	99
61) 1,2-Dibromoethane	11.018	107	109207	48.473	ug/l	98
64) Tetrachloroethene	10.646	164	194016	47.795	ug/l	99
65) Chlorobenzene	11.444	112	471216	48.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	169077	49.909	ug/l	100
67) Ethyl Benzene	11.518	91	809578	51.431	ug/l	98
68) m/p-Xylenes	11.627	106	651015	103.933	ug/l	99
69) o-Xylene	11.957	106	298324	51.674	ug/l	100
70) Styrene	11.969	104	510378	52.652	ug/l	100
71) Bromoform	12.133	173	94049	47.750	ug/l #	100
73) Isopropylbenzene	12.255	105	786442	51.691	ug/l	100
74) N-amyl acetate	12.072	43	122929	47.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	119870	46.731	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	160358	82.211	ug/l #	100
77) Bromobenzene	12.536	156	191765	49.881	ug/l	99
78) n-propylbenzene	12.597	91	937068	51.719	ug/l	100
79) 2-Chlorotoluene	12.682	91	534581	50.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	656821	52.396	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	36526	45.095	ug/l	98
82) 4-Chlorotoluene	12.780	91	565209	51.601	ug/l	99
83) tert-Butylbenzene	12.999	119	572255	50.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	654511	52.200	ug/l	99
85) sec-Butylbenzene	13.176	105	854324	51.930	ug/l	100
86) p-Isopropyltoluene	13.292	119	722898	51.747	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	390395	49.998	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	378229	48.910	ug/l	99
89) n-Butylbenzene	13.621	91	639690	51.230	ug/l	100
90) Hexachloroethane	13.883	117	151676	49.417	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	336961	49.478	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17627	43.193	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	185069	47.955	ug/l	99
94) Hexachlorobutadiene	15.023	225	114409	48.184	ug/l	99
95) Naphthalene	15.145	128	298015	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	158449	47.564	ug/l	99

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ClientSampleId :
VSTDCCC050

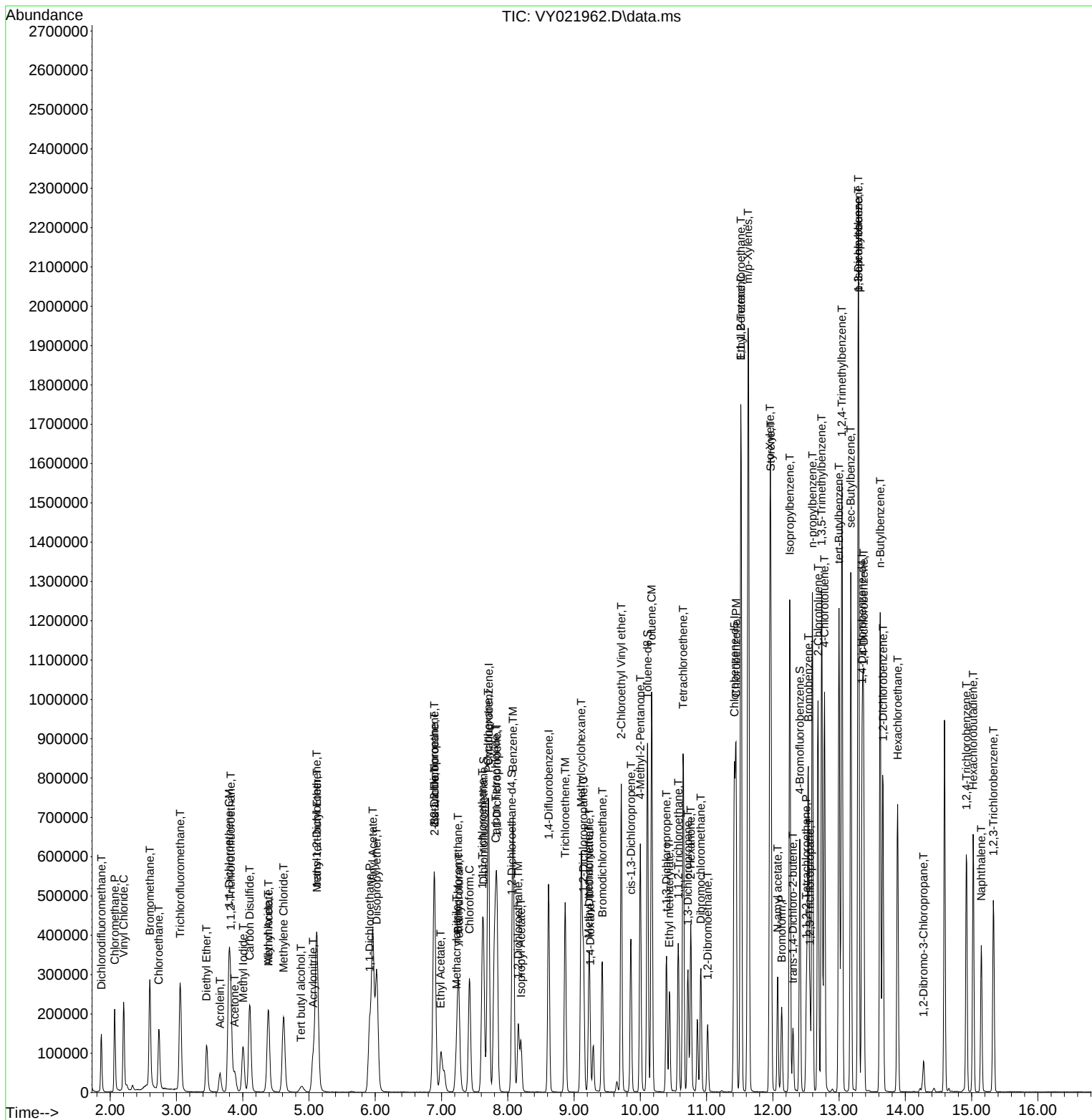
Quant Time: Apr 24 03:44:22 2025
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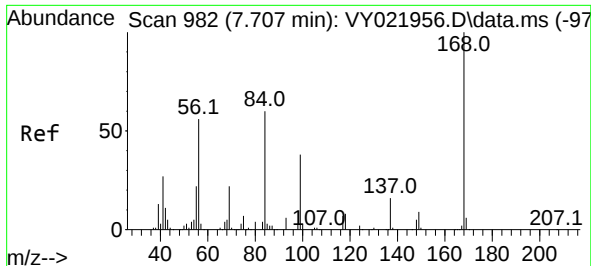
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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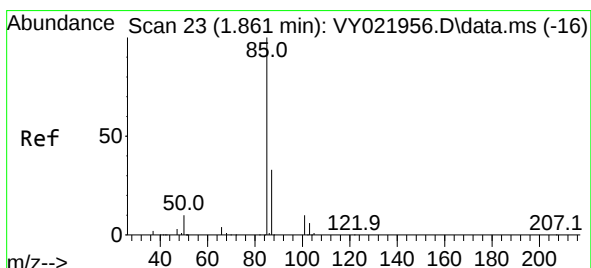
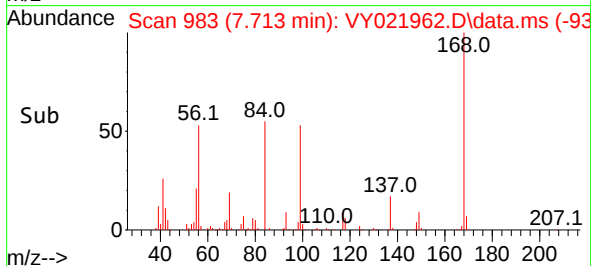
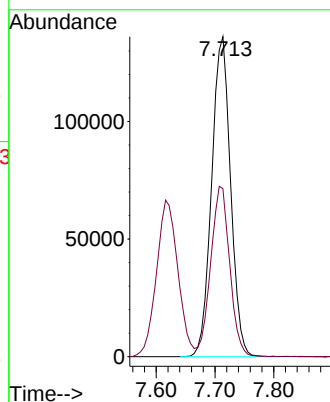
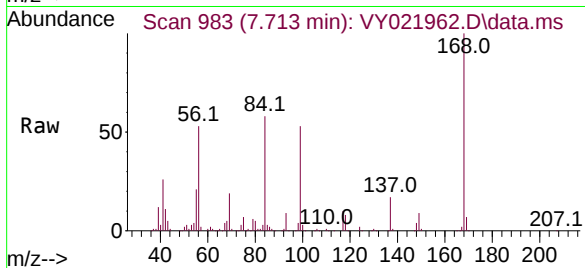




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021962.D
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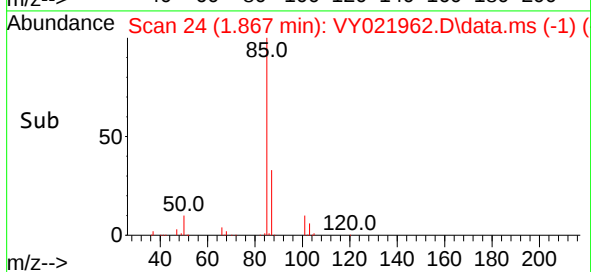
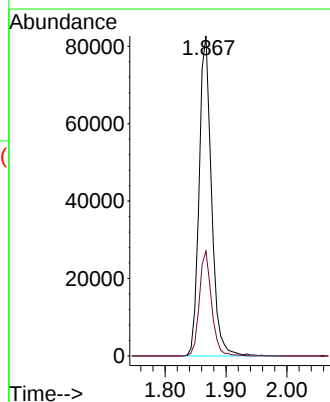
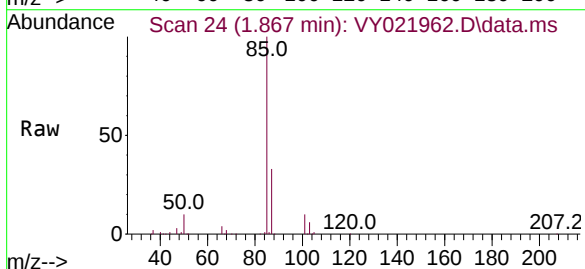
Instrument :
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ClientSampleId :
VSTDCCC050

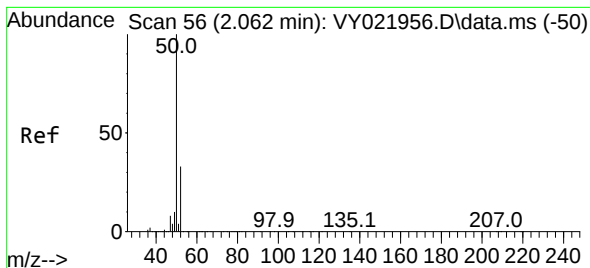
Tgt Ion:168 Resp: 304636
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 44.894 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 85 Resp: 116536
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7

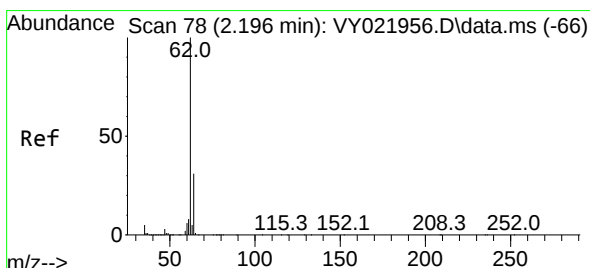
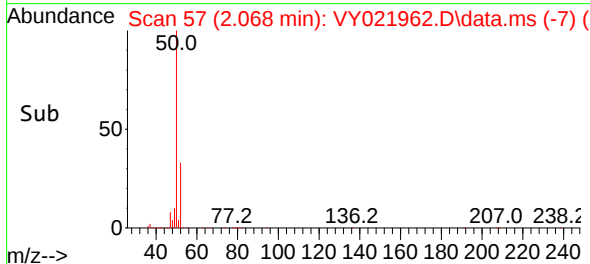
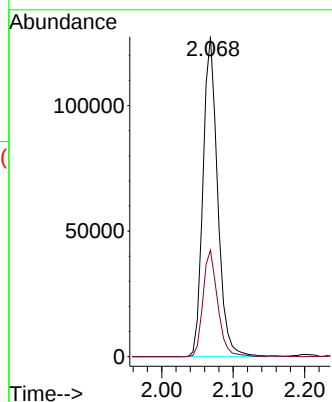
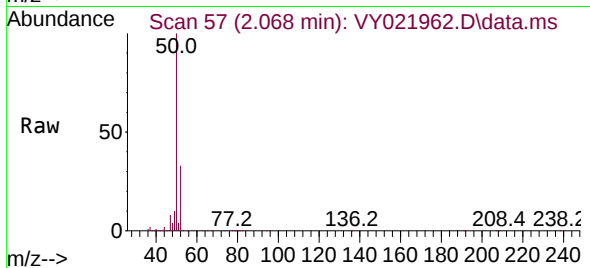




#3
Chloromethane
Concen: 49.065 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

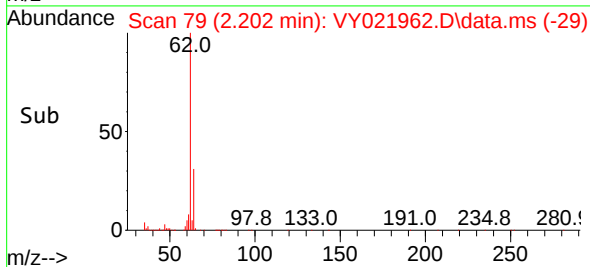
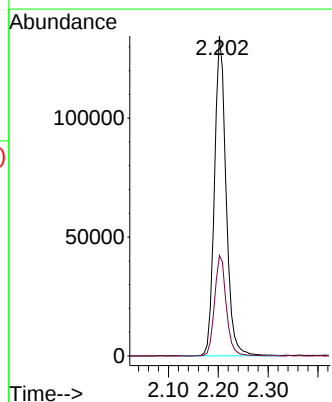
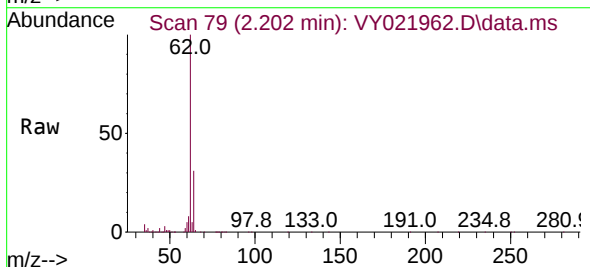
Instrument :
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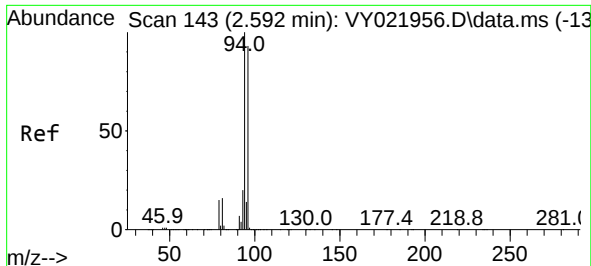
Tgt Ion: 50 Resp: 181350
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 47.874 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 62 Resp: 217446
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

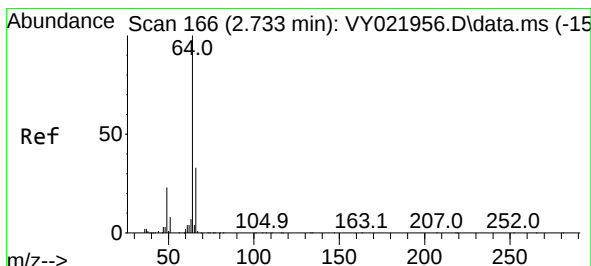
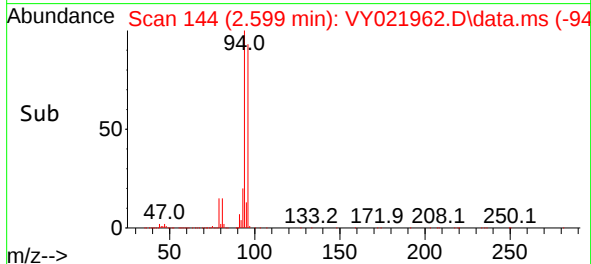
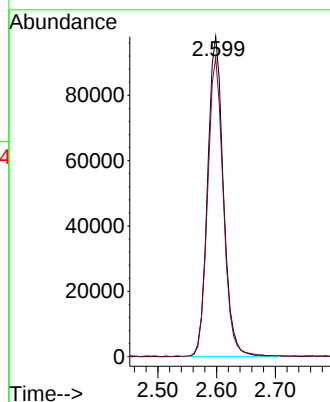
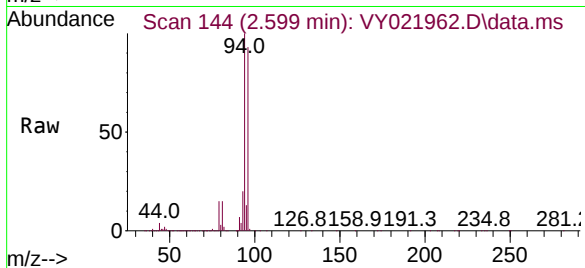




#5
Bromomethane
Concen: 46.729 ug/l
RT: 2.599 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

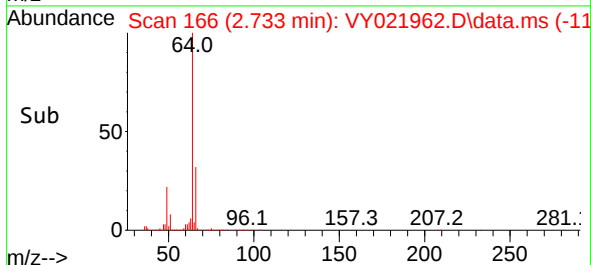
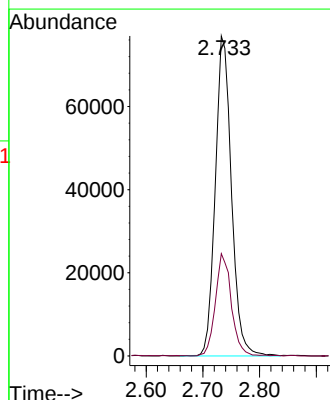
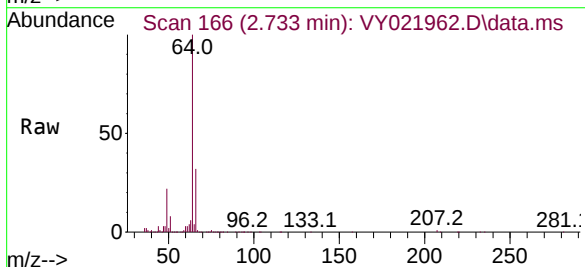
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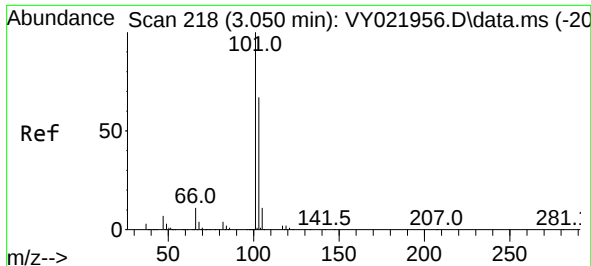
Tgt Ion: 94 Resp: 182857
Ion Ratio Lower Upper
94 100
96 93.3 74.6 111.8



#6
Chloroethane
Concen: 49.267 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 64 Resp: 152398
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

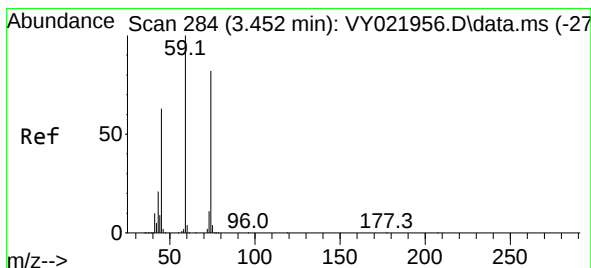
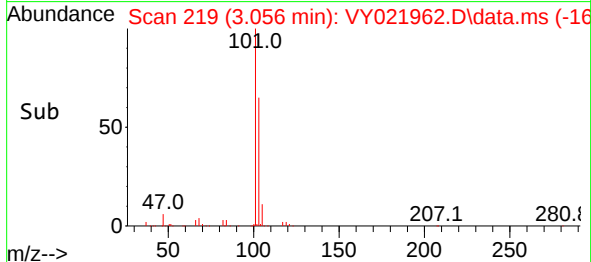
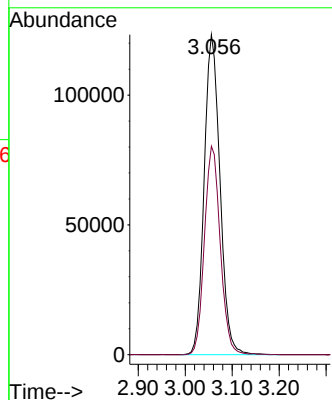
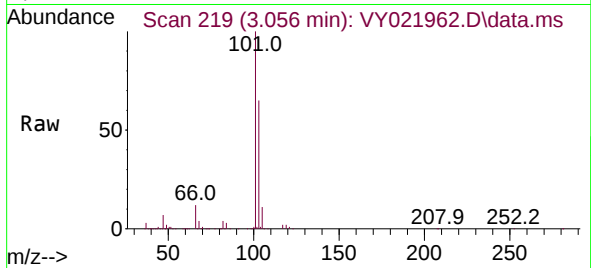




#7
 Trichlorofluoromethane
 Concen: 47.989 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

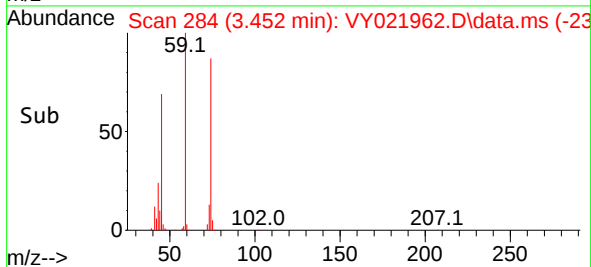
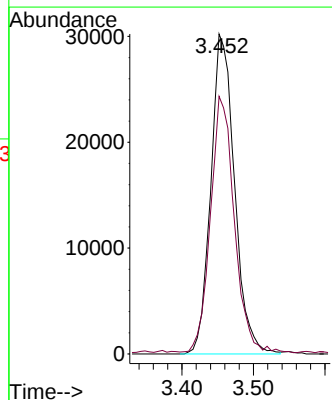
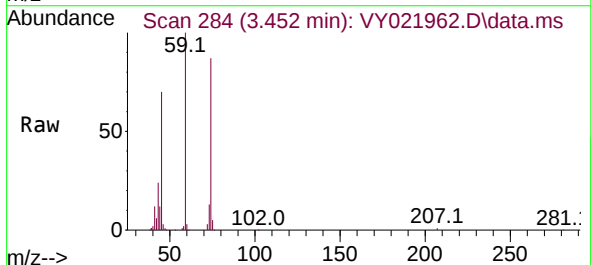
Instrument :
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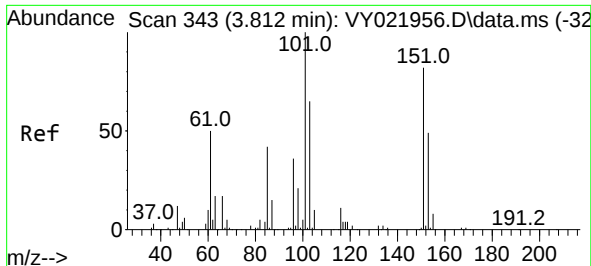
Tgt Ion:101 Resp: 287420
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.6 80.4



#8
 Diethyl Ether
 Concen: 44.607 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 69537
 Ion Ratio Lower Upper
 74 100
 45 80.8 39.1 117.5

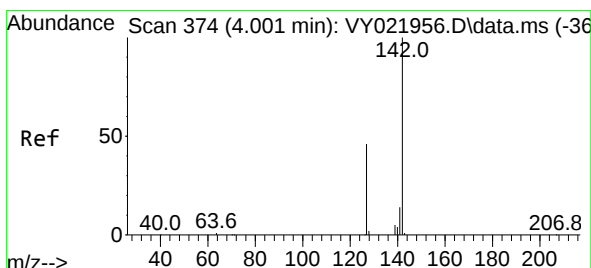
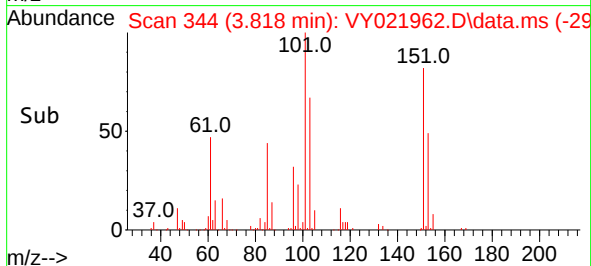
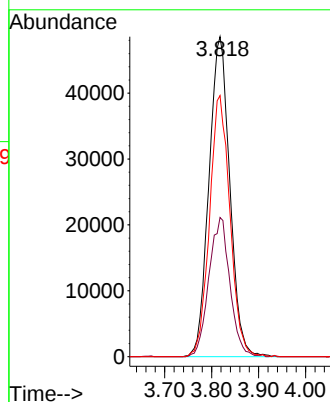
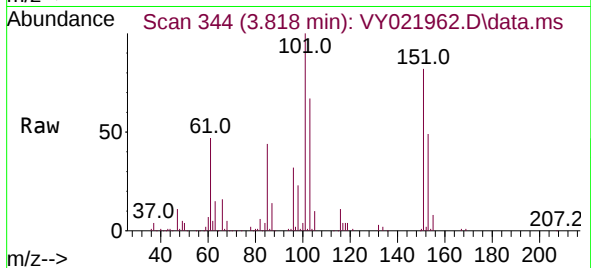




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.985 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

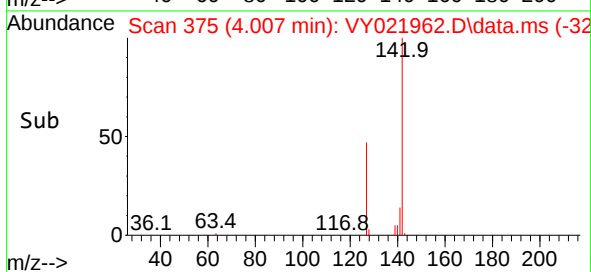
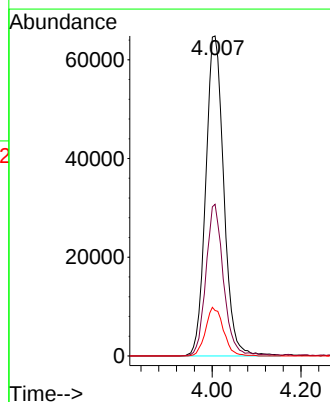
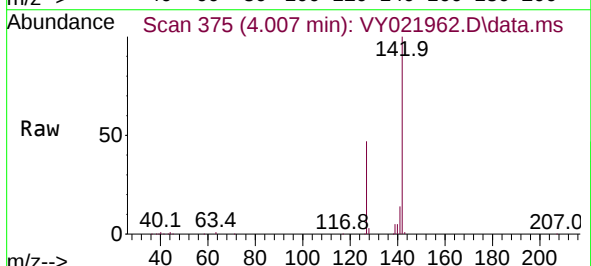
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

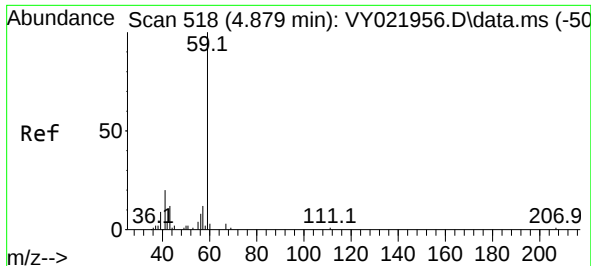
Tgt Ion:101 Resp: 149408
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 80.1 63.7 95.5



#10
Methyl Iodide
Concen: 48.844 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion:142 Resp: 183739
Ion Ratio Lower Upper
142 100
127 46.3 36.2 54.2
141 15.0 11.7 17.5

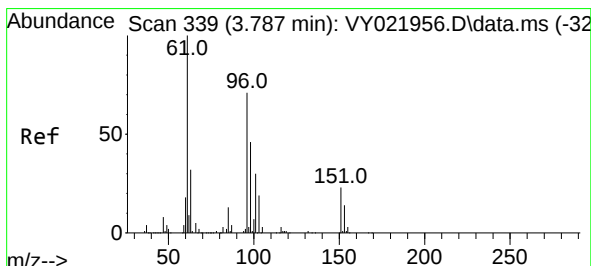
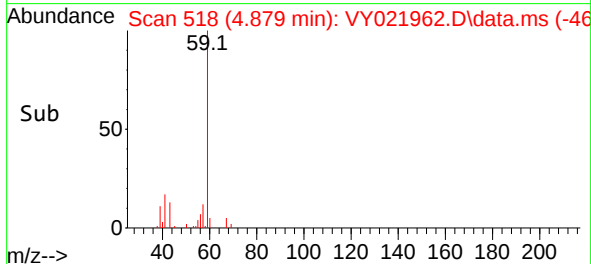
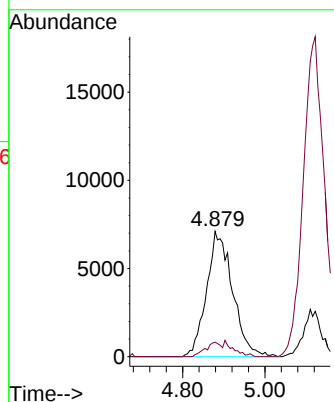
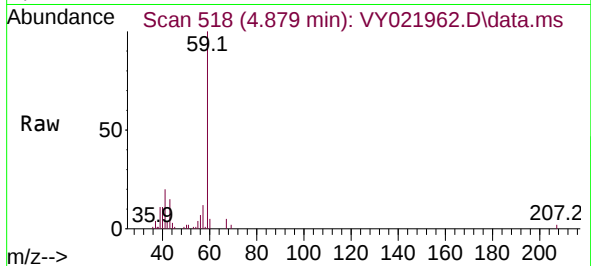




#11
Tert butyl alcohol
Concen: 202.034 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

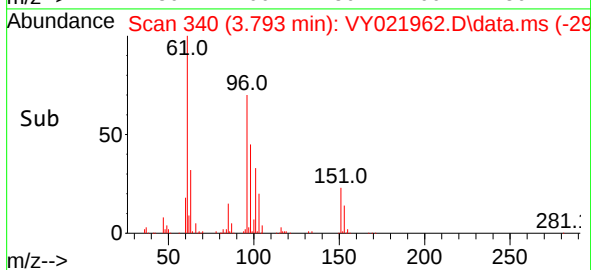
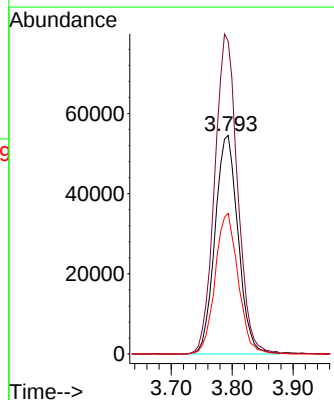
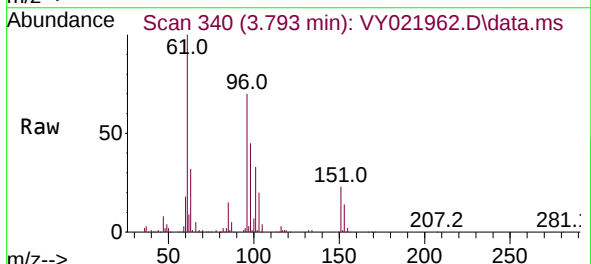
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

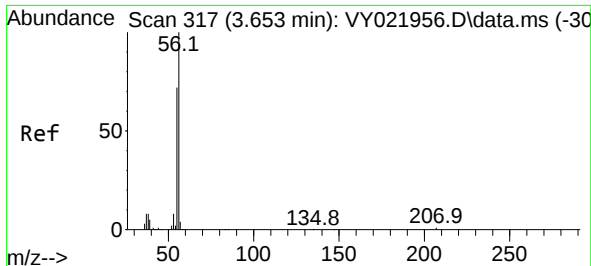
Tgt Ion: 59 Resp: 31210
Ion Ratio Lower Upper
59 100
57 7.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 47.476 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 96 Resp: 143778
Ion Ratio Lower Upper
96 100
61 143.0 113.0 169.4
98 64.3 51.4 77.2

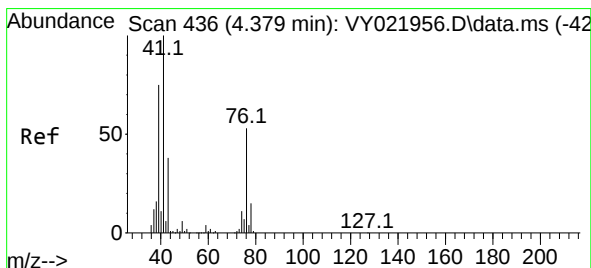
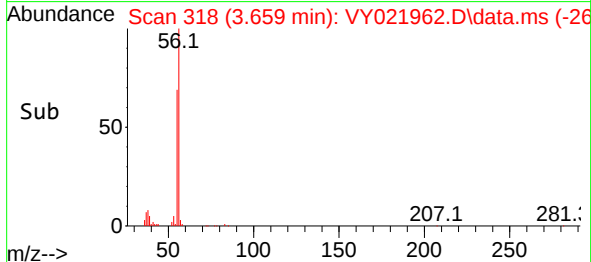
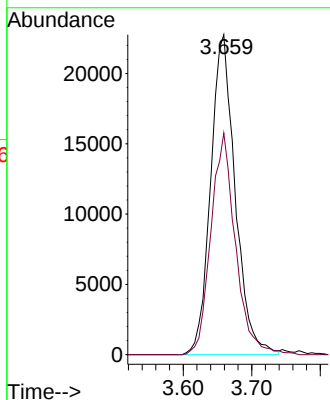
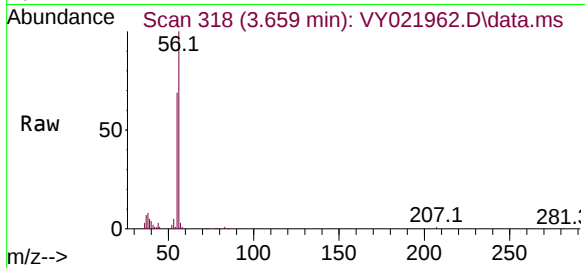




#13
Acrolein
Concen: 204.115 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

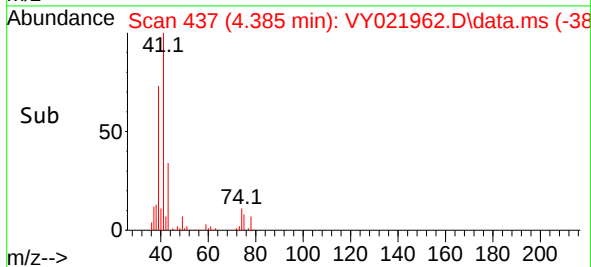
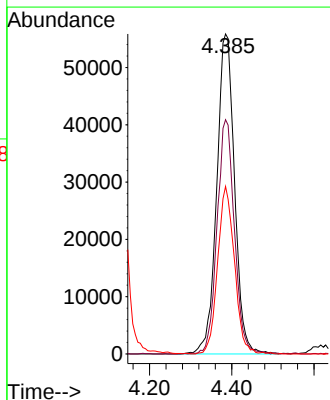
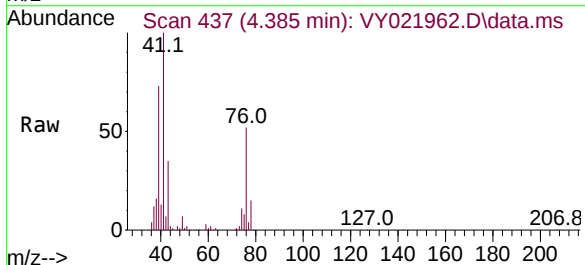
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 56593
Ion Ratio Lower Upper
56 100
55 69.3 57.4 86.0



#14
Allyl chloride
Concen: 47.732 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 41 Resp: 168316
Ion Ratio Lower Upper
41 100
39 71.2 57.2 85.8
76 49.3 39.7 59.5

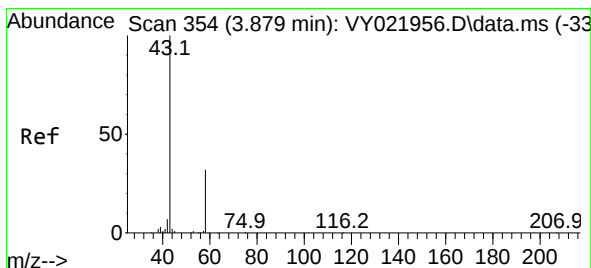
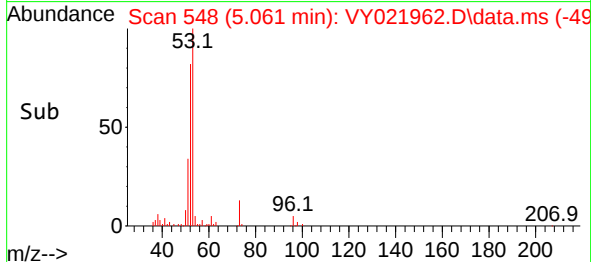
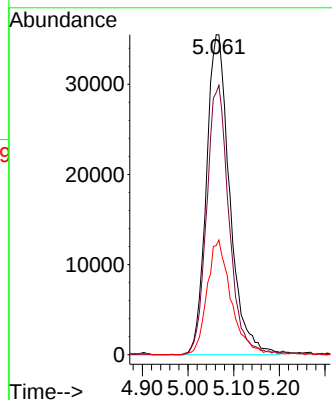
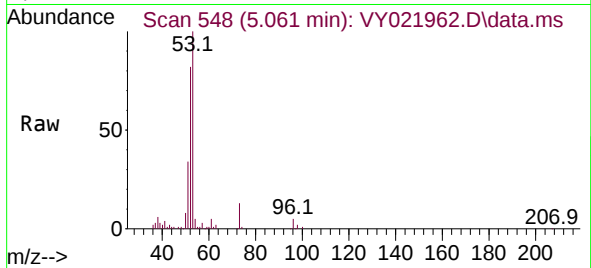




#15
Acrylonitrile
Concen: 221.107 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

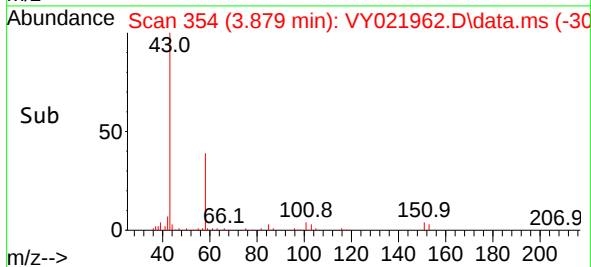
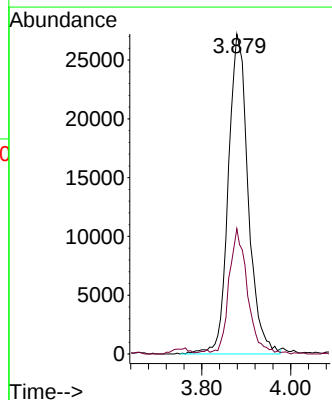
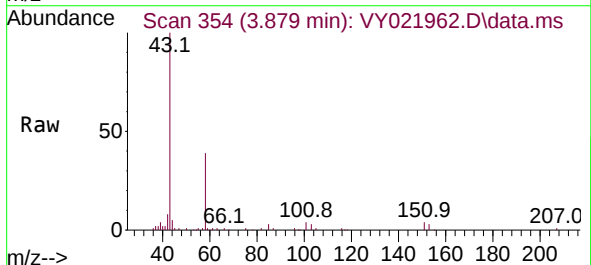
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

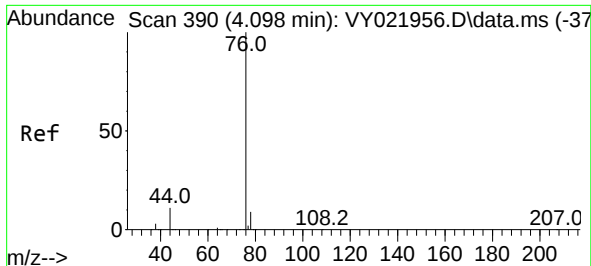
Tgt Ion: 53 Resp: 126185
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 37.2 28.9 43.3



#16
Acetone
Concen: 227.318 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 43 Resp: 84438
Ion Ratio Lower Upper
43 100
58 38.7 27.0 40.4

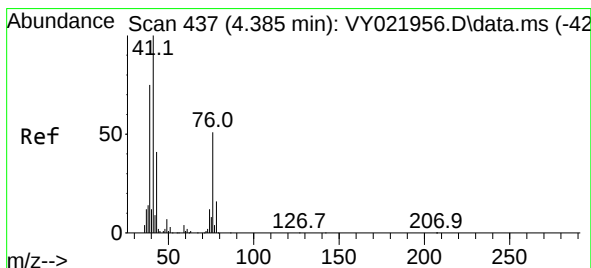
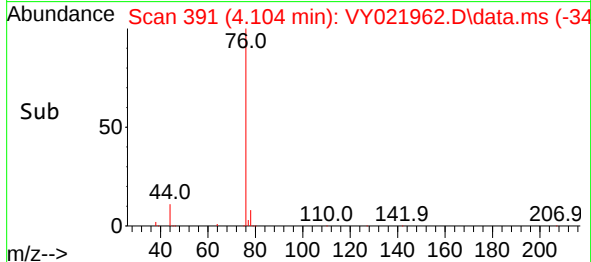
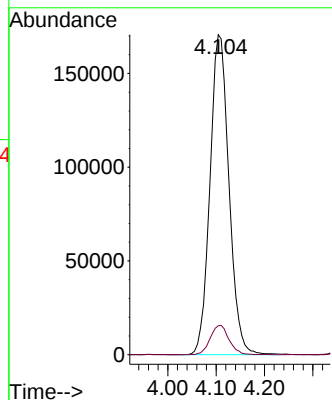
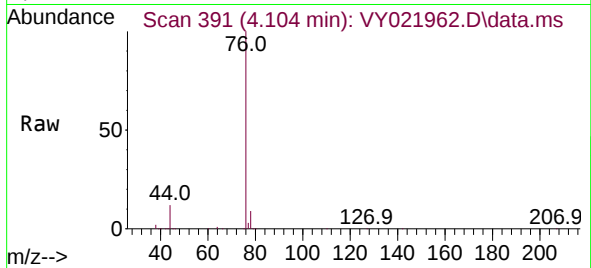




#17
Carbon Disulfide
Concen: 48.228 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

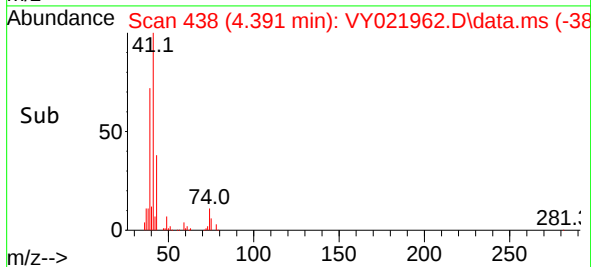
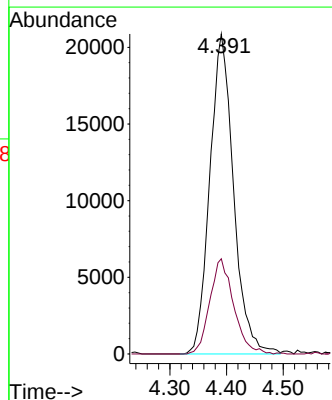
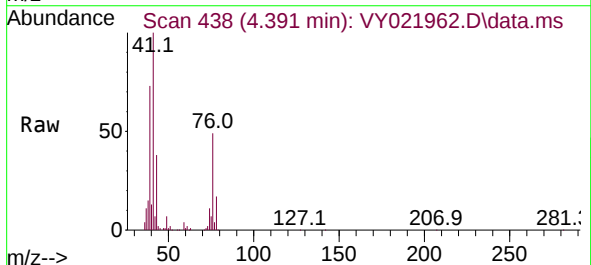
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 465690
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 46.052 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 43 Resp: 60532
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.4

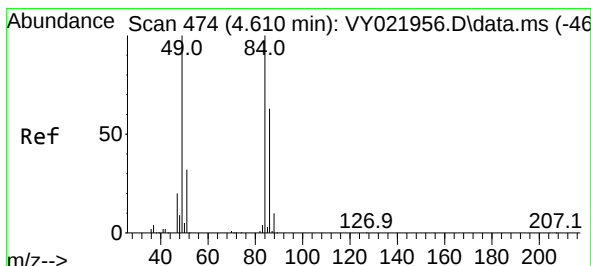
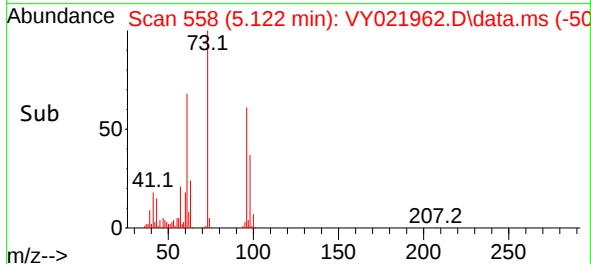
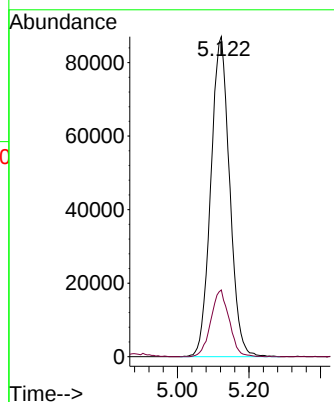
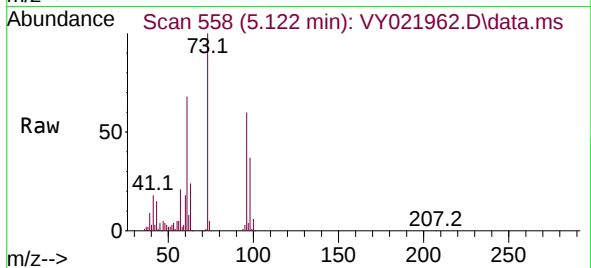




#19
Methyl tert-butyl Ether
Concen: 46.844 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

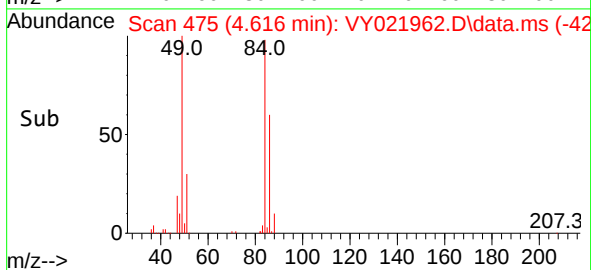
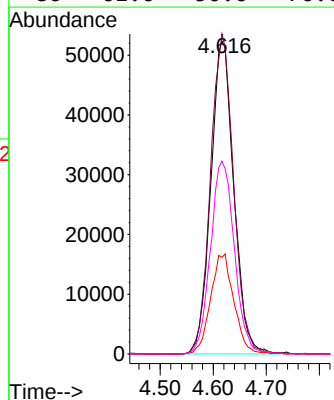
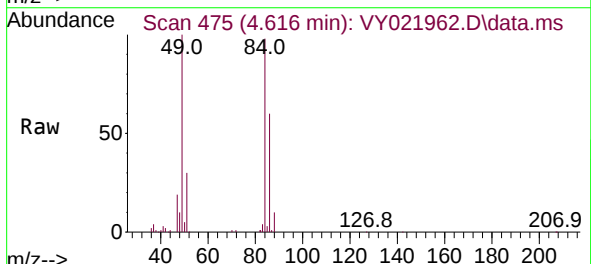
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 317518
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3



#20
Methylene Chloride
Concen: 44.370 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 84 Resp: 157872
Ion Ratio Lower Upper
84 100
49 102.3 79.9 119.9
51 30.9 25.4 38.0
86 61.6 50.6 76.0

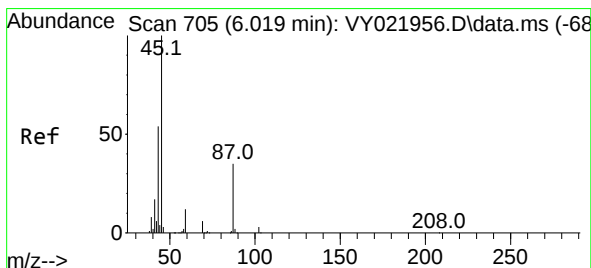
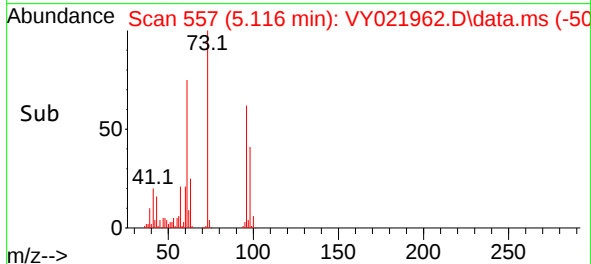
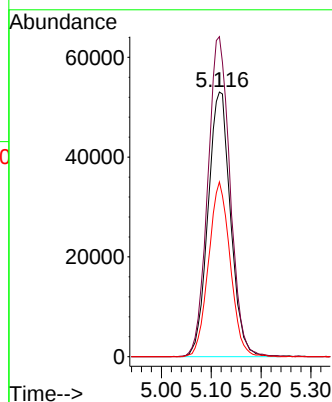
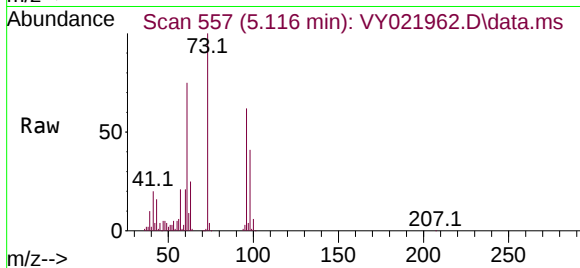




#21
trans-1,2-Dichloroethene
Concen: 49.120 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

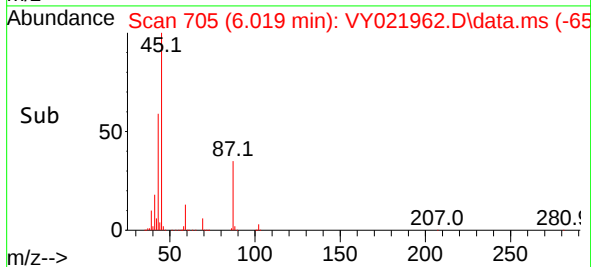
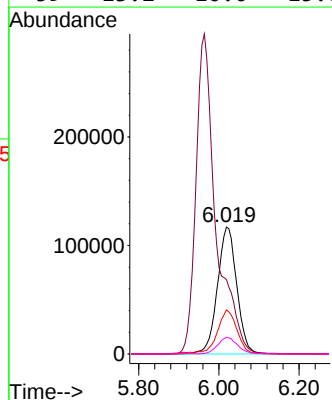
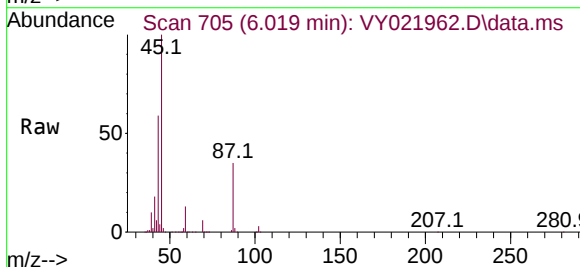
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

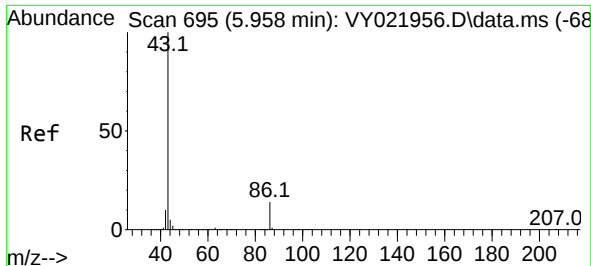
Tgt Ion: 96 Resp: 166597
Ion Ratio Lower Upper
96 100
61 120.8 92.6 138.8
98 66.0 50.2 75.4



#22
Diisopropyl ether
Concen: 49.769 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 45 Resp: 390556
Ion Ratio Lower Upper
45 100
43 58.4 43.6 65.4
87 34.6 28.2 42.4
59 13.2 10.0 15.0

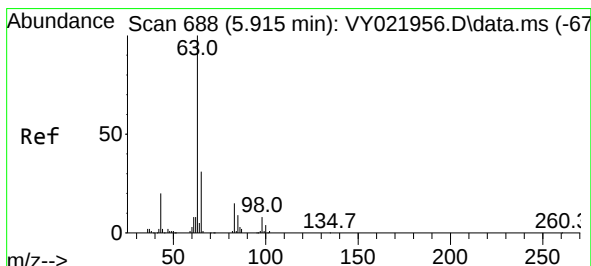
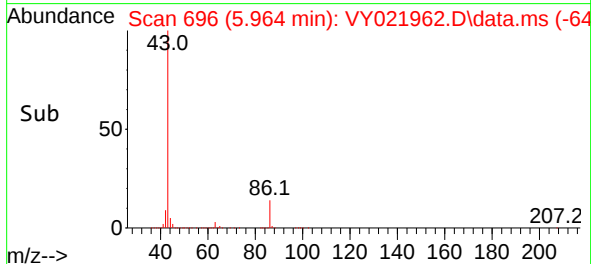
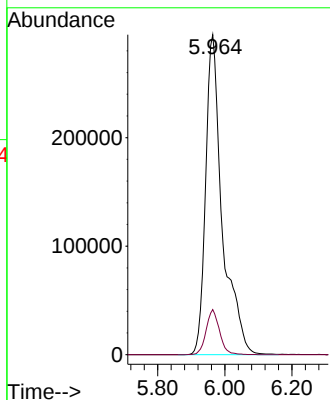
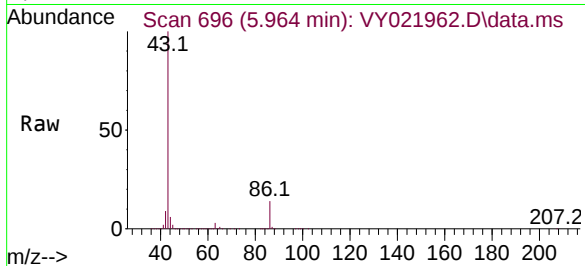




#23
 Vinyl Acetate
 Concen: 240.820 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

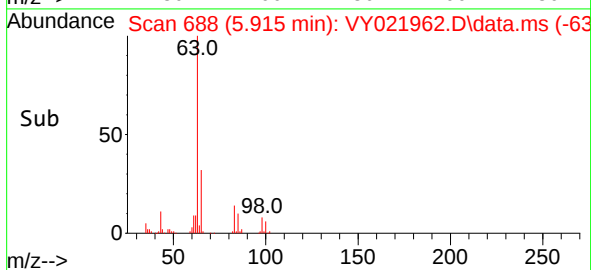
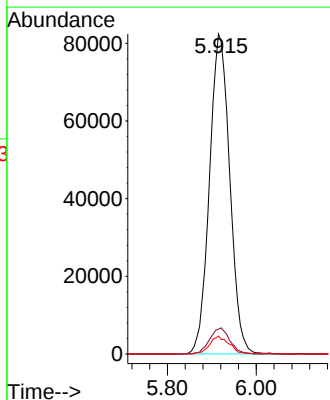
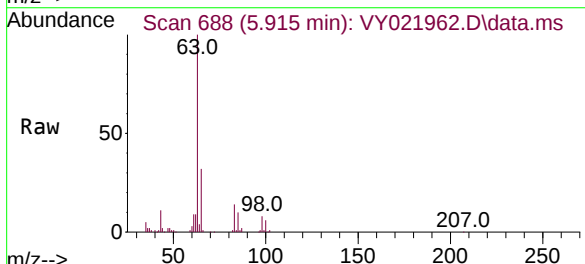
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

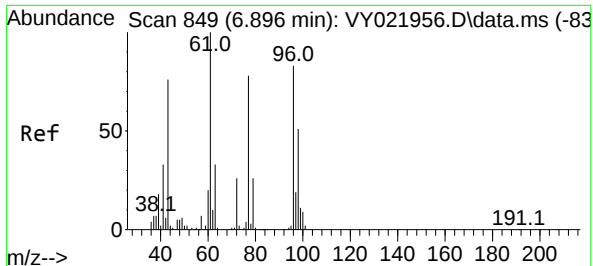
Tgt Ion: 43 Resp: 1018467
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 48.033 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

Tgt Ion: 63 Resp: 261269
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.6 2.0 6.0

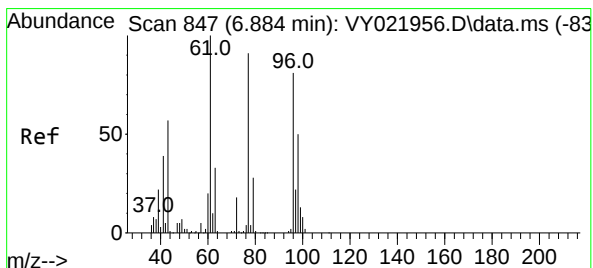
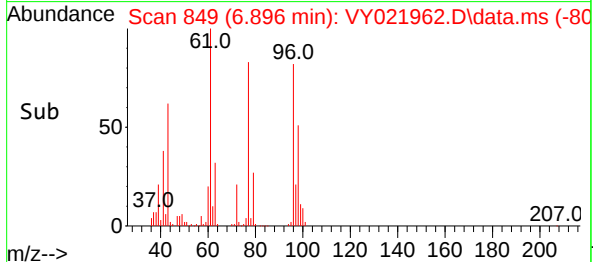
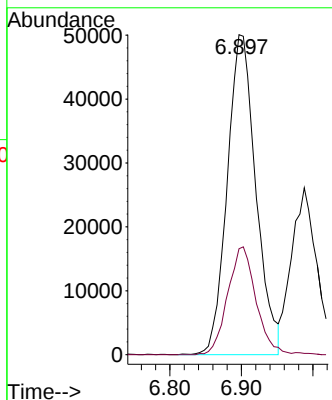
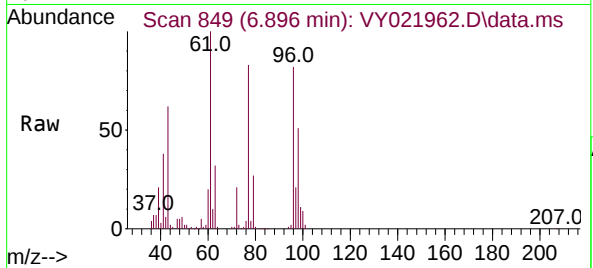




#25
2-Butanone
Concen: 217.710 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

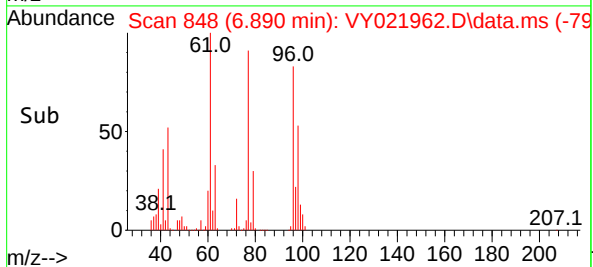
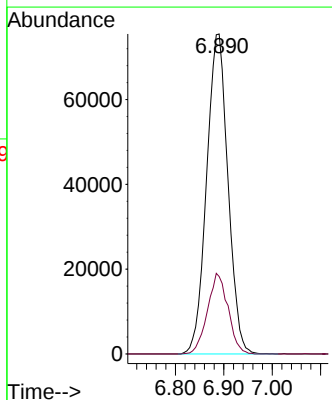
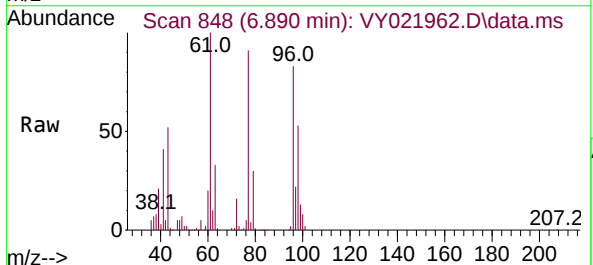
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

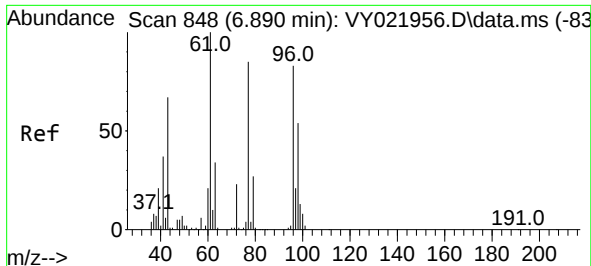
Tgt Ion: 43 Resp: 139641
Ion Ratio Lower Upper
43 100
72 33.1 27.0 40.4



#26
2,2-Dichloropropane
Concen: 48.489 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 77 Resp: 231168
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.4

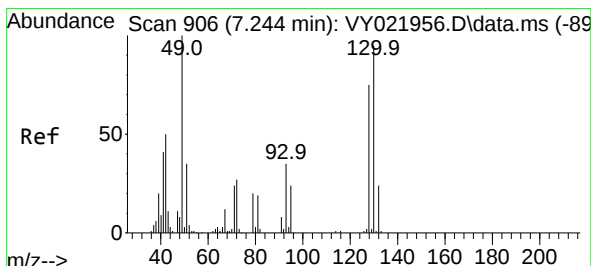
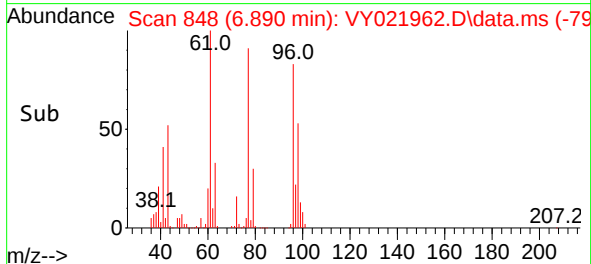
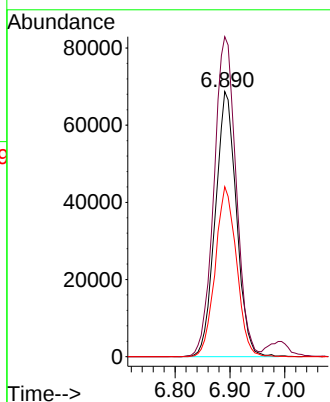
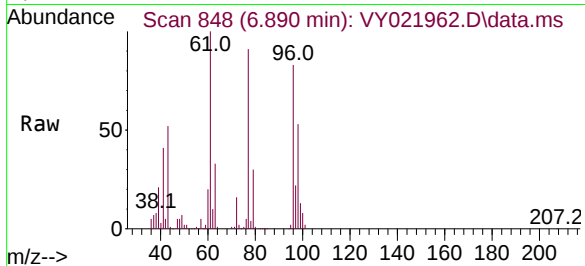




#27
 cis-1,2-Dichloroethene
 Concen: 48.597 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

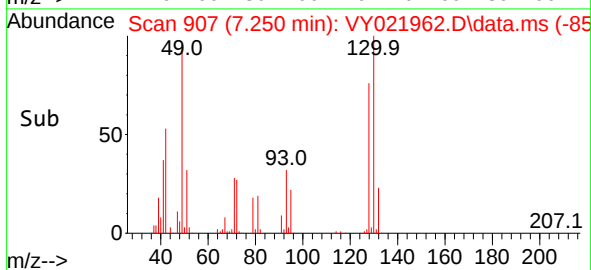
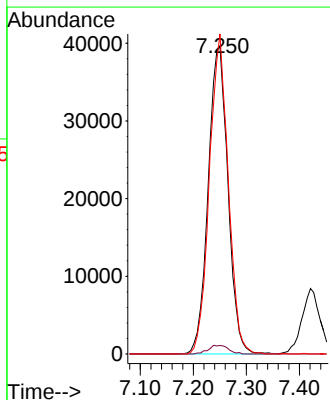
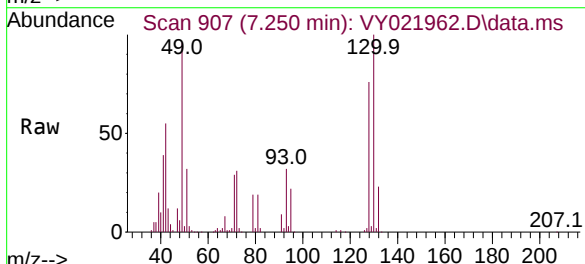
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

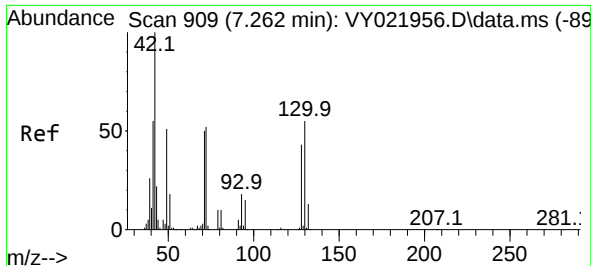
Tgt Ion: 96 Resp: 184296
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 251.4
 98 64.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 48.500 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

Tgt Ion: 49 Resp: 102469
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 98.9 78.2 117.4





#29

Tetrahydrofuran

Concen: 224.622 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

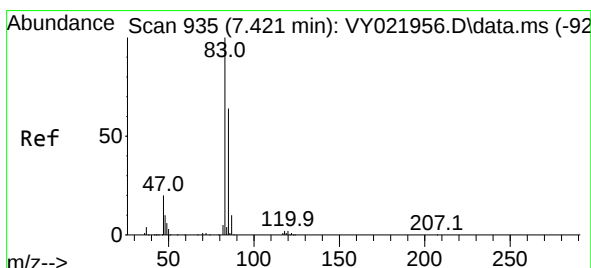
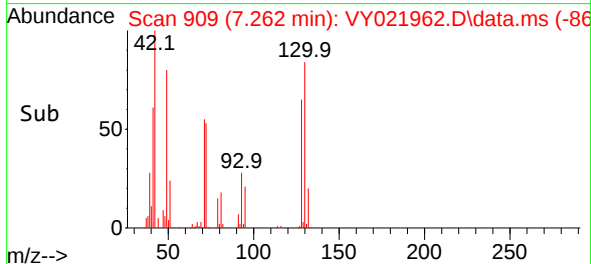
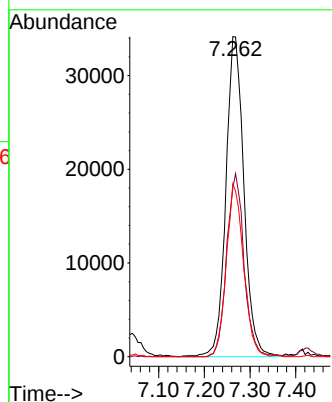
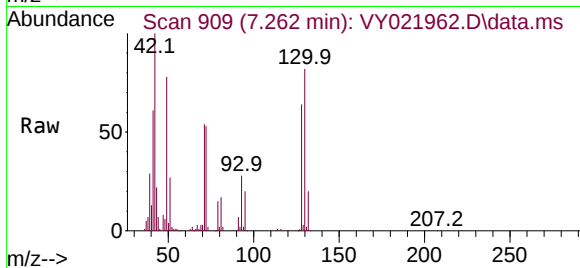
Tgt Ion: 42 Resp: 93574

Ion Ratio Lower Upper

42 100

72 55.2 42.6 63.8

71 52.0 40.6 61.0



#30

Chloroform

Concen: 48.745 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021962.D

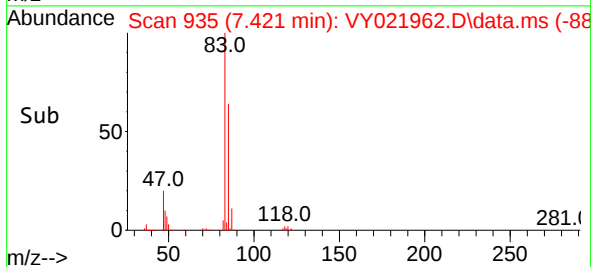
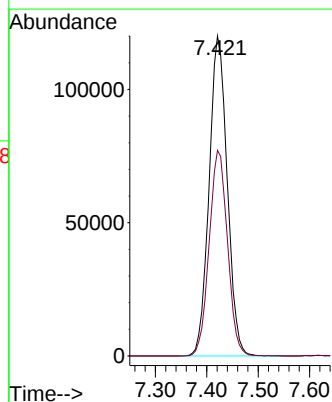
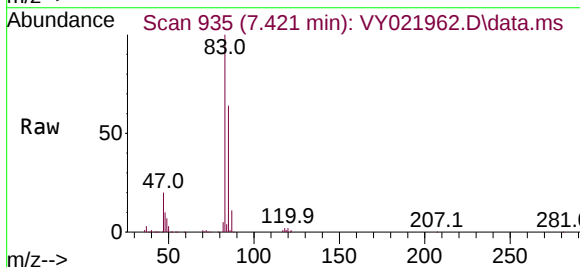
Acq: 23 Apr 2025 09:57

Tgt Ion: 83 Resp: 294102

Ion Ratio Lower Upper

83 100

85 64.2 51.3 76.9

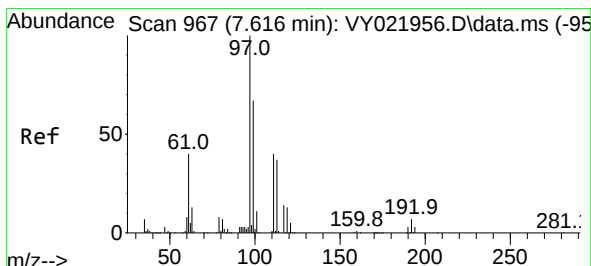
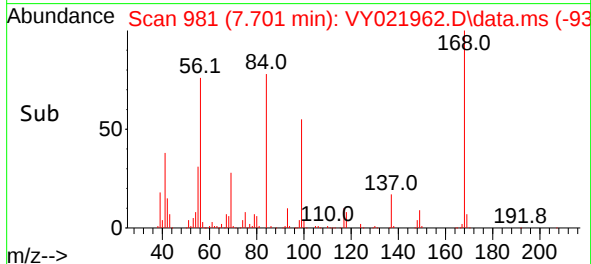
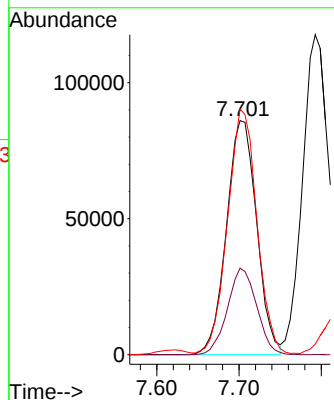
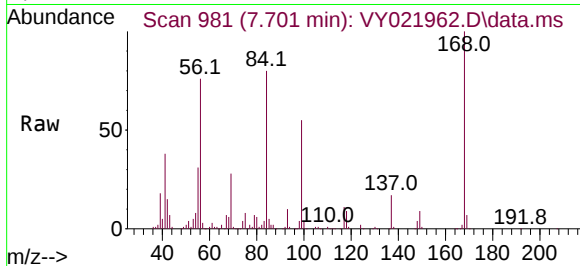




#31
Cyclohexane
Concen: 47.322 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

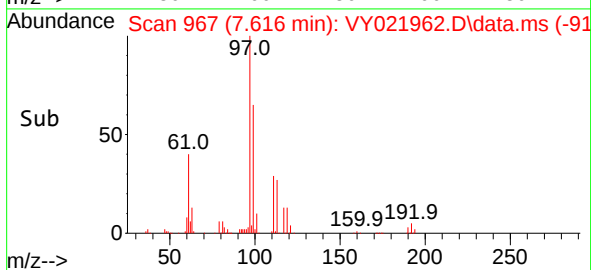
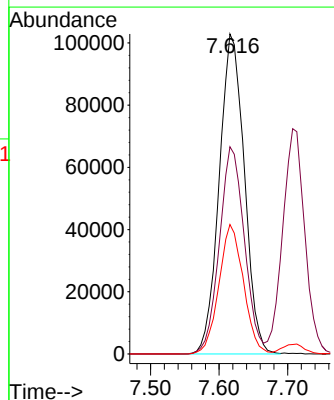
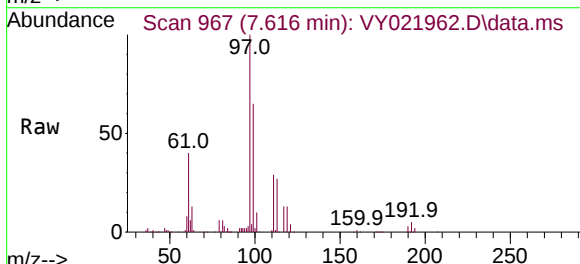
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 220118
Ion Ratio Lower Upper
56 100
69 37.0 29.4 44.2
84 103.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 47.904 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 97 Resp: 261492
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 39.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.451 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

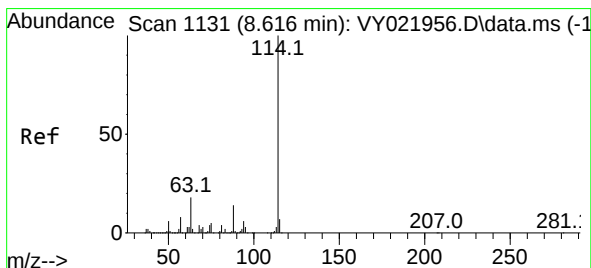
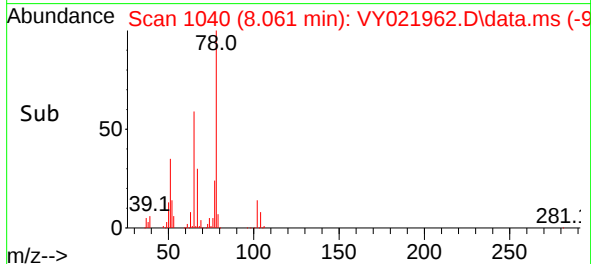
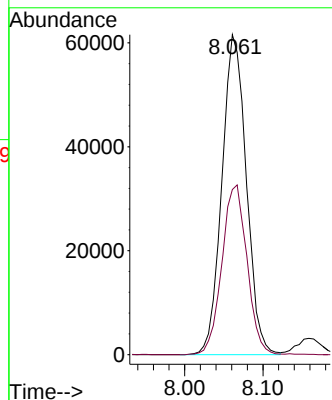
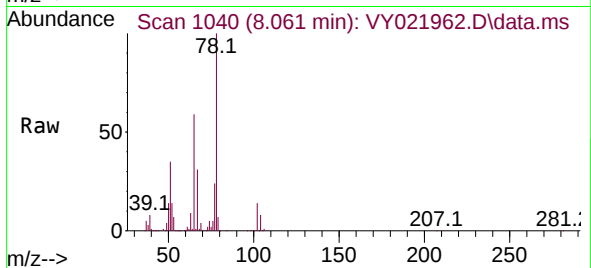
VSTDCCC050

Tgt Ion: 65 Resp: 133520

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

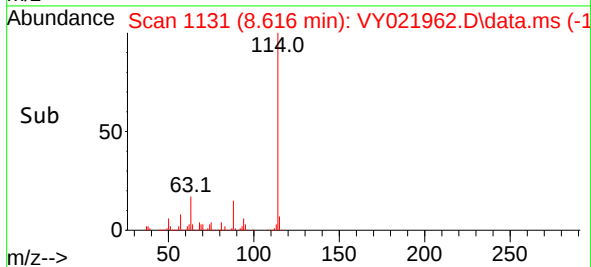
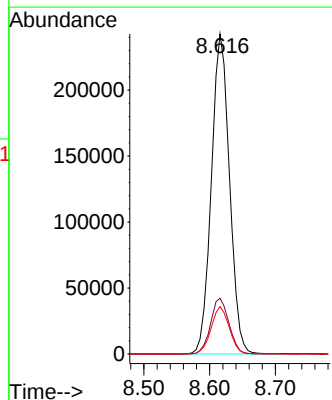
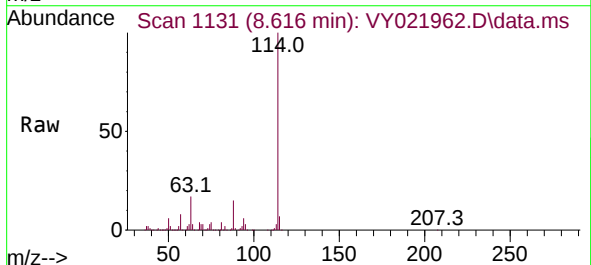
Tgt Ion: 114 Resp: 465219

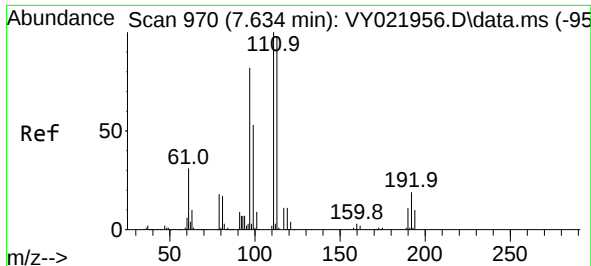
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.8 0.0 28.2

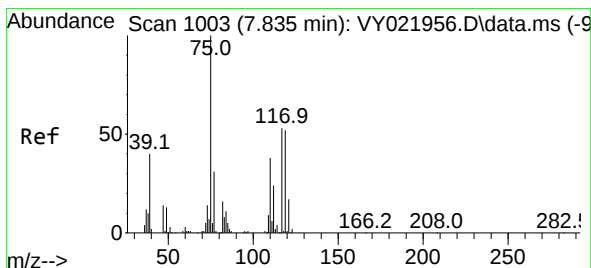
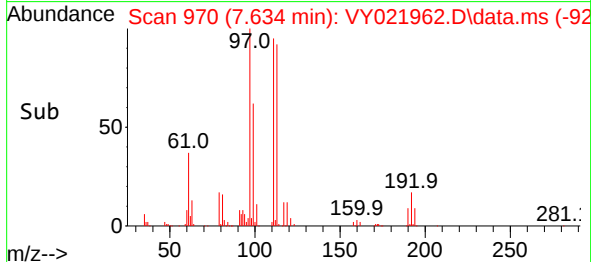
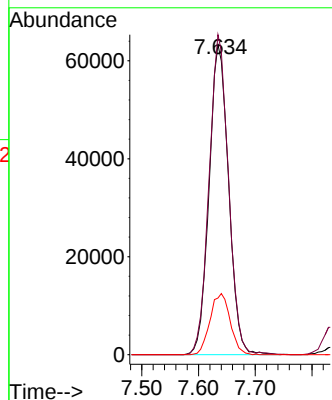
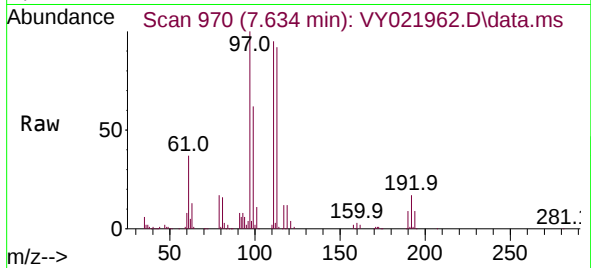




#35
Dibromofluoromethane
Concen: 49.234 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

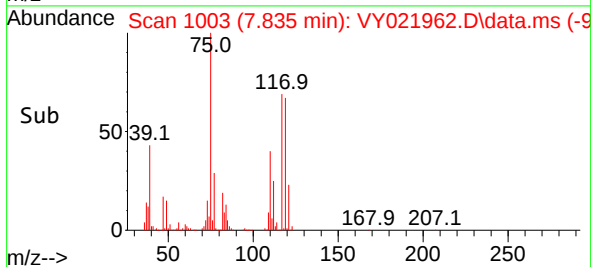
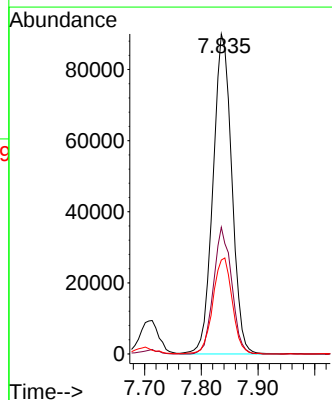
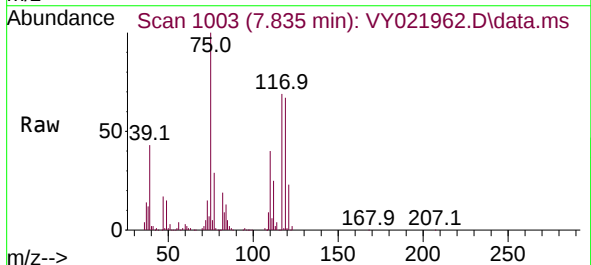
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

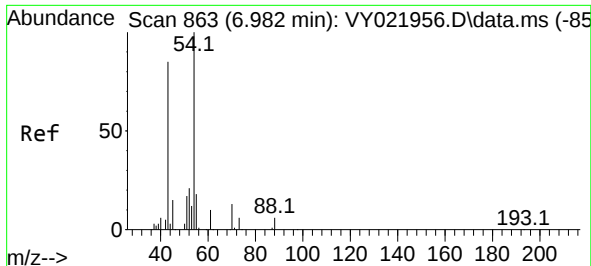
Tgt Ion:113 Resp: 151319
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 50.213 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 75 Resp: 207306
Ion Ratio Lower Upper
75 100
110 38.1 19.1 57.3
77 30.9 25.5 38.3

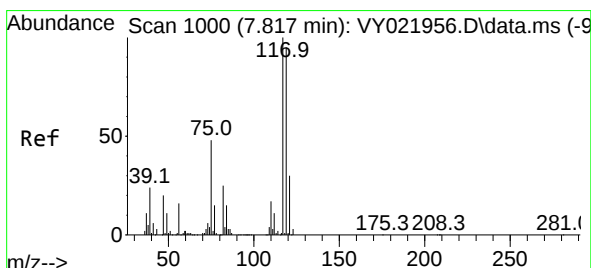
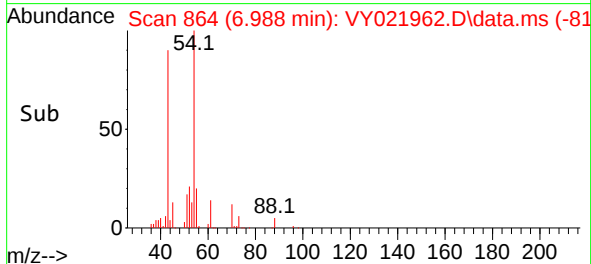
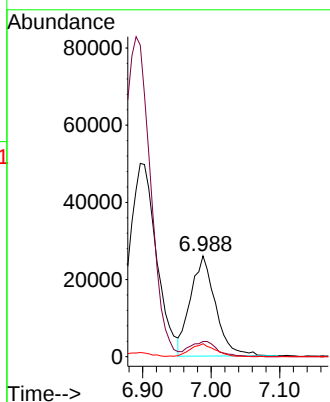
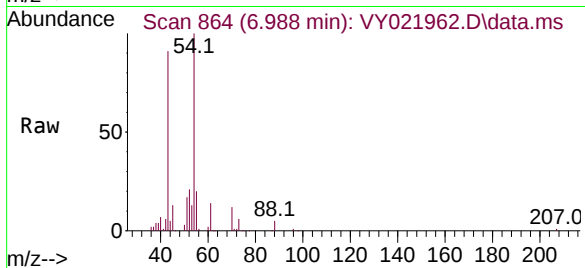




#37
Ethyl Acetate
Concen: 44.392 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

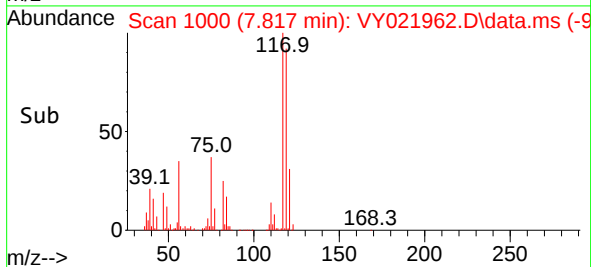
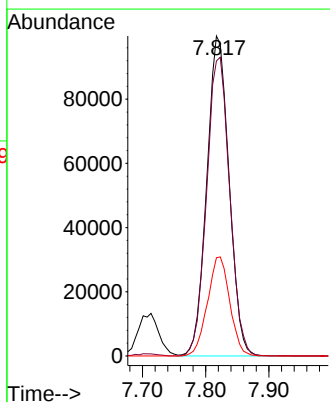
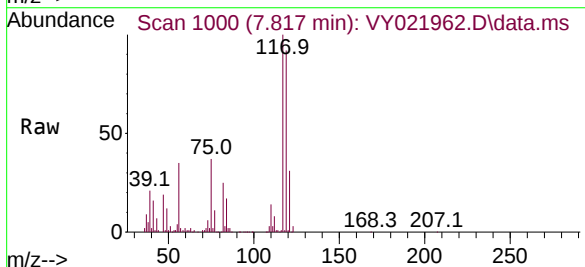
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 65822
Ion Ratio Lower Upper
43 100
61 16.6 13.8 20.6
70 12.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.588 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 117 Resp: 244632
Ion Ratio Lower Upper
117 100
119 92.2 76.2 114.4
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 49.568 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

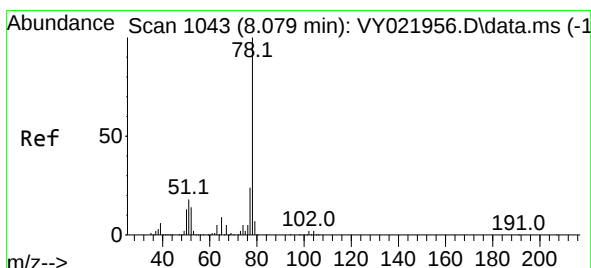
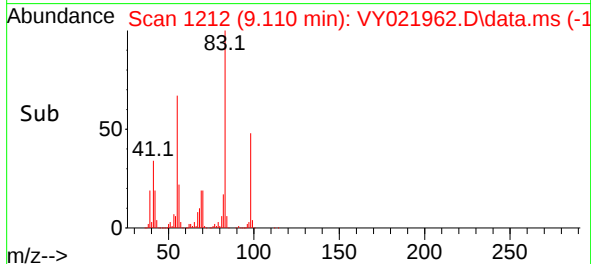
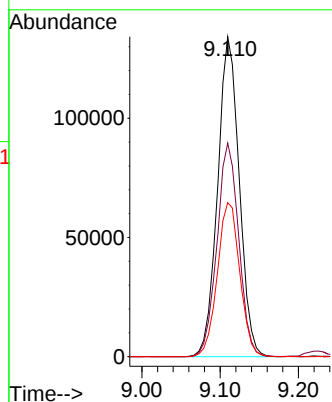
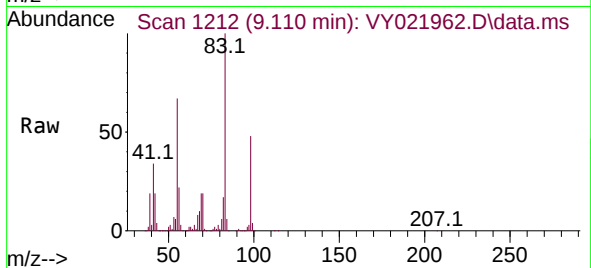
Tgt Ion: 83 Resp: 257532

Ion Ratio Lower Upper

83 100

55 66.7 50.6 75.8

98 48.2 38.6 58.0



#40

Benzene

Concen: 49.779 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021962.D

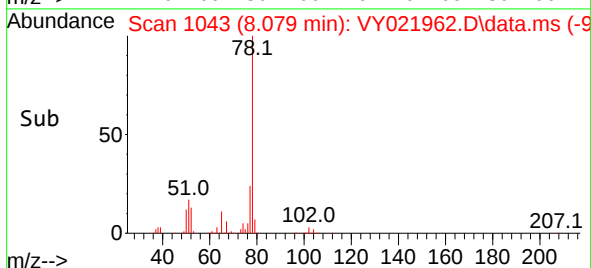
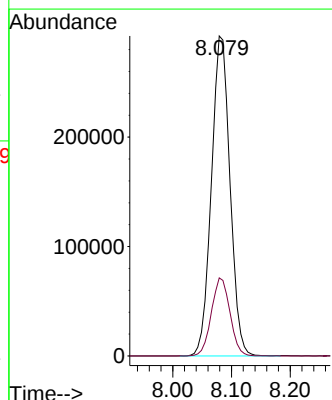
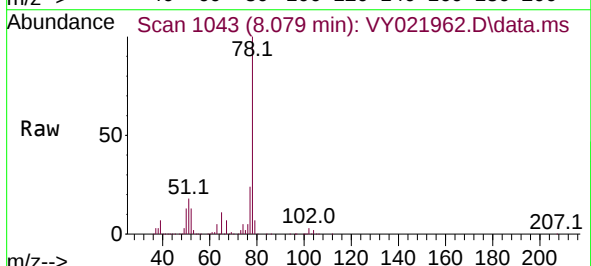
Acq: 23 Apr 2025 09:57

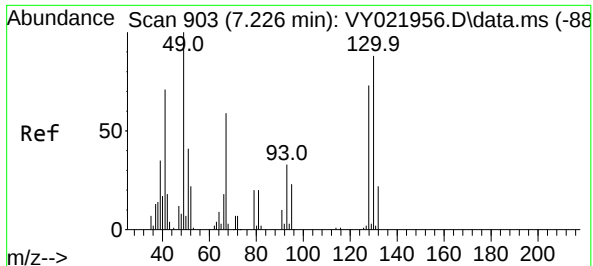
Tgt Ion: 78 Resp: 642424

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

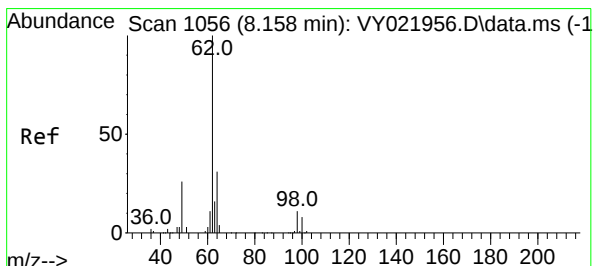
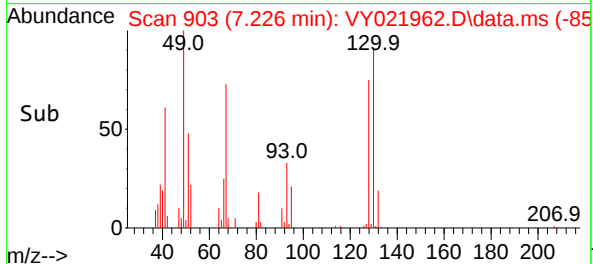
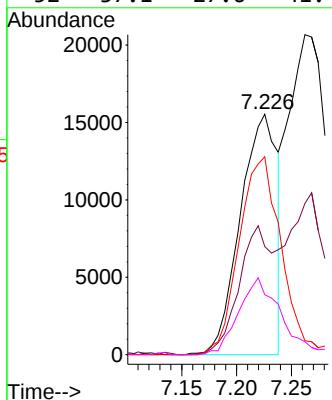
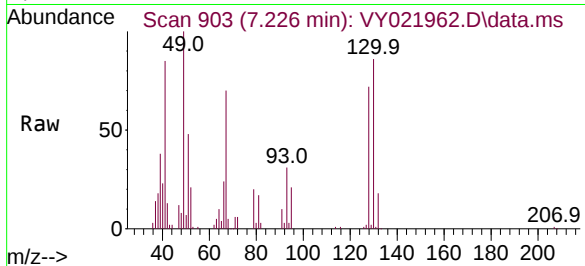




#41
Methacrylonitrile
Concen: 44.935 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

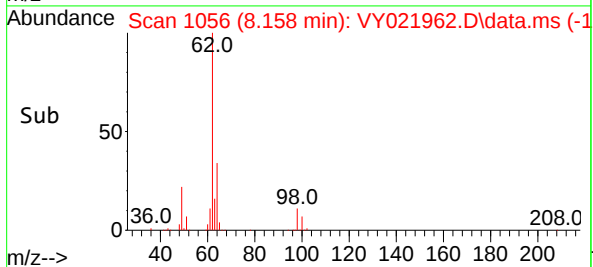
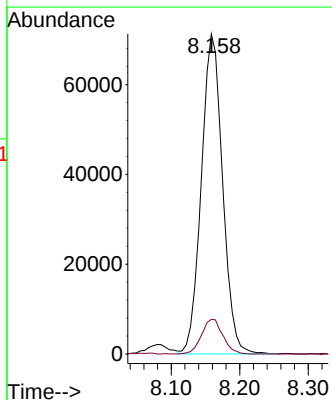
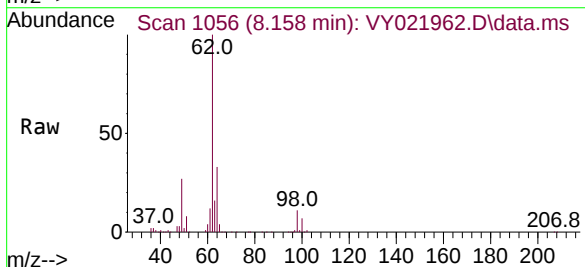
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

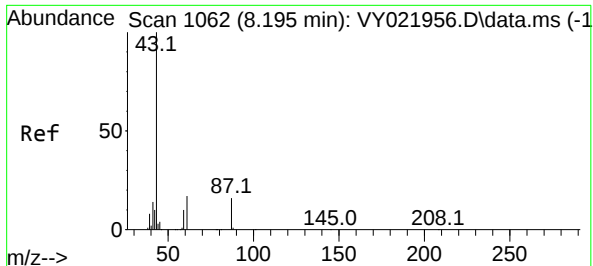
Tgt Ion:	41	Resp:	36422
Ion	Ratio	Lower	Upper
41	100		
39	45.6	36.6	55.0
67	94.6	72.2	108.4
52	37.1	27.6	41.4



#42
1,2-Dichloroethane
Concen: 48.127 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion:	62	Resp:	153778
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0

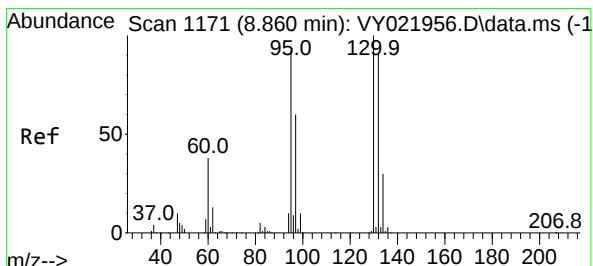
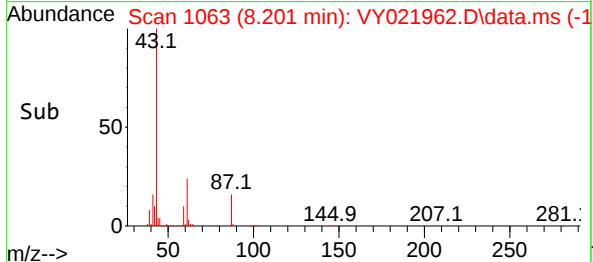
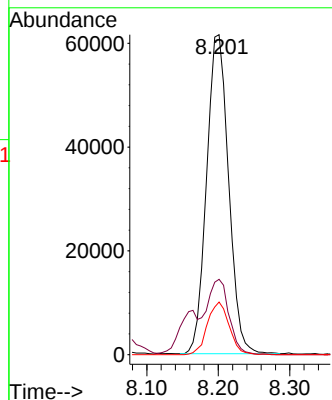
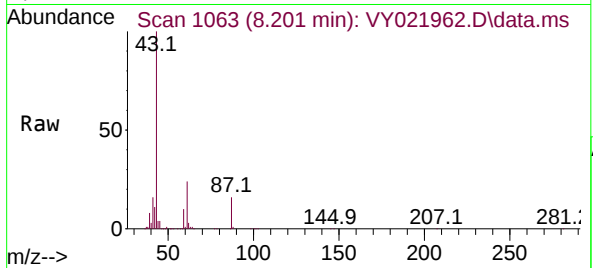




#43
Isopropyl Acetate
Concen: 46.184 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

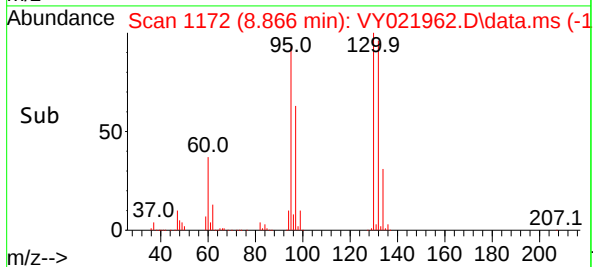
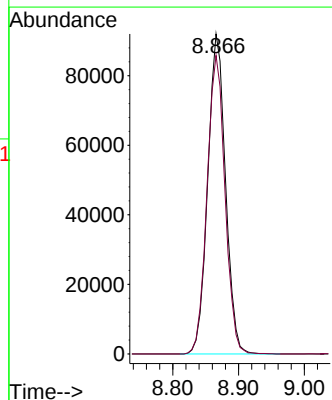
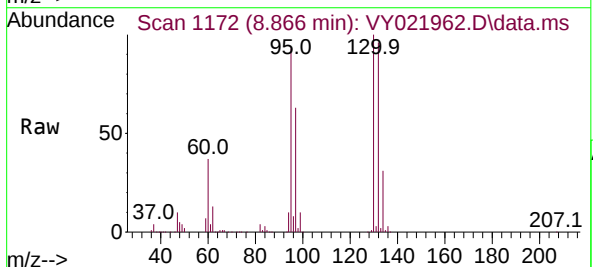
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 131510
Ion Ratio Lower Upper
43 100
61 22.5 18.9 28.3
87 16.3 13.7 20.5



#44
Trichloroethene
Concen: 48.336 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion:130 Resp: 172785
Ion Ratio Lower Upper
130 100
95 93.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 49.841 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

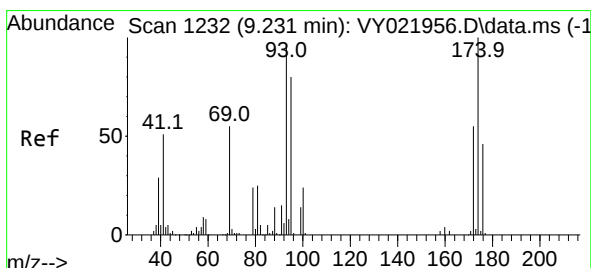
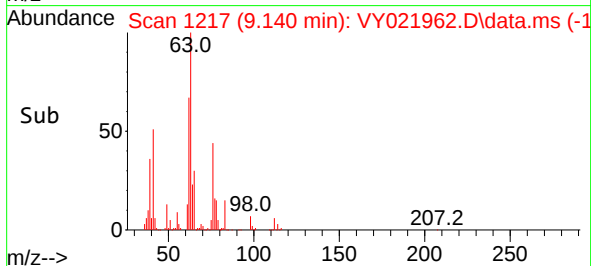
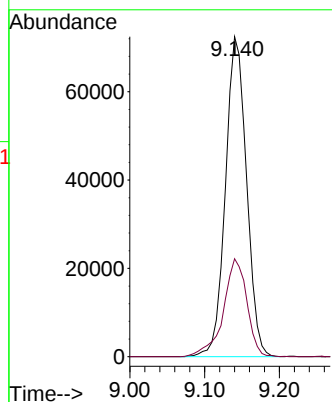
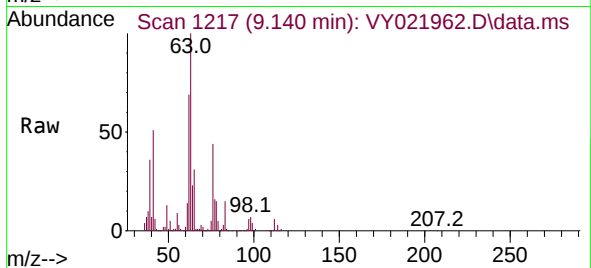
VSTDCCC050

Tgt Ion: 63 Resp: 142245

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 48.165 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

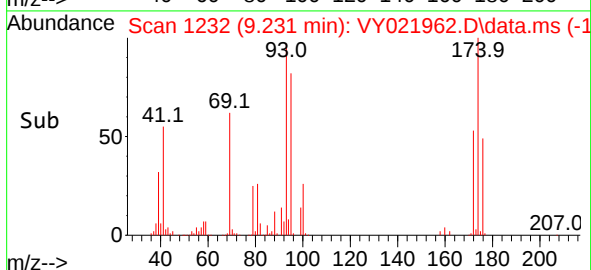
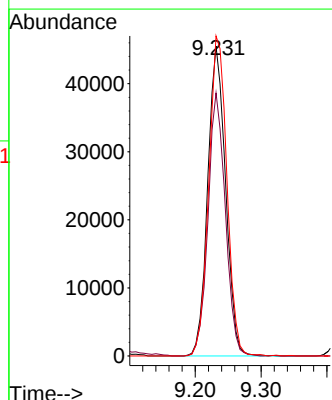
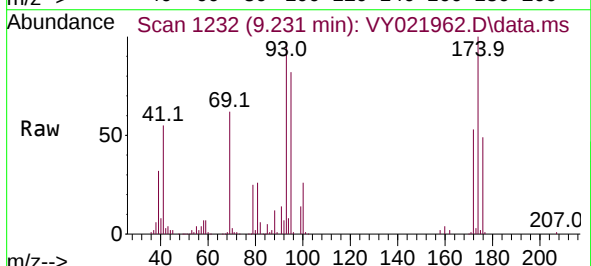
Tgt Ion: 93 Resp: 86051

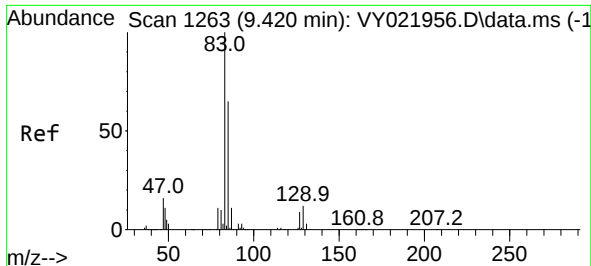
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 104.8 84.6 127.0

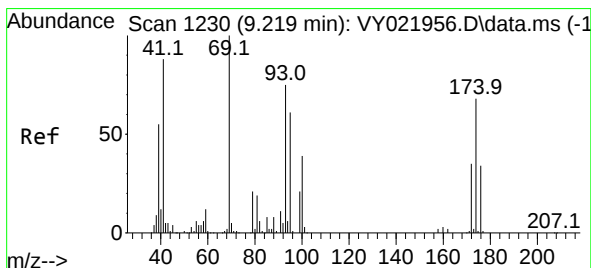
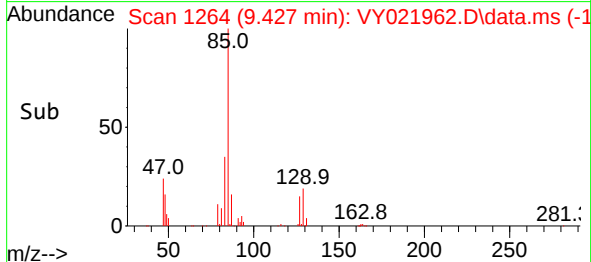
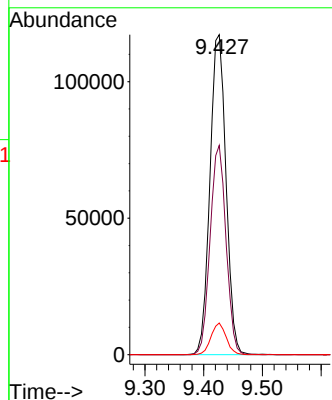
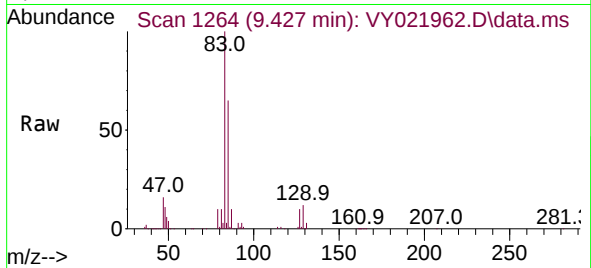




#47
Bromodichloromethane
Concen: 49.884 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

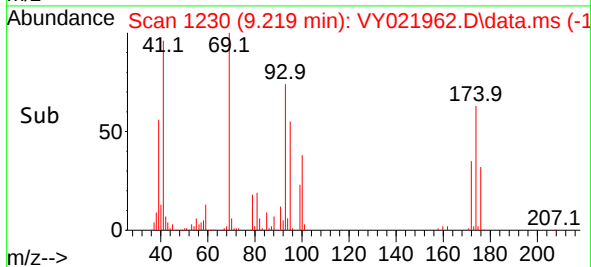
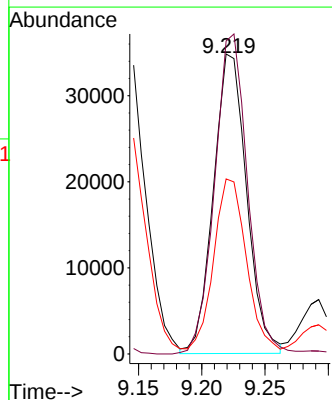
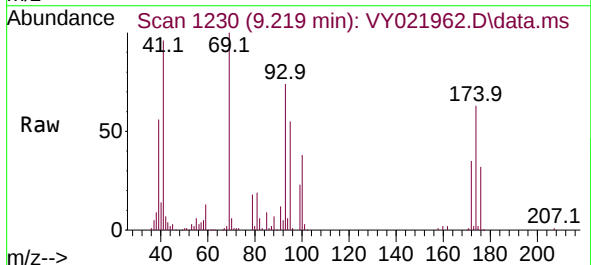
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

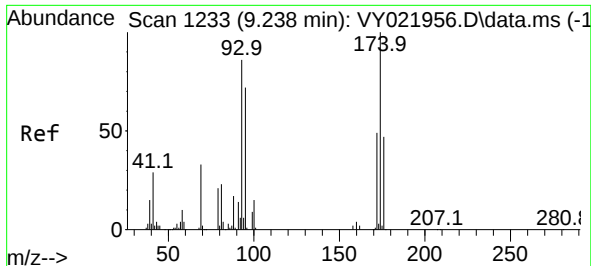
Tgt Ion: 83 Resp: 222639
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.8
127 9.9 7.0 10.6



#48
Methyl methacrylate
Concen: 48.301 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 41 Resp: 63582
Ion Ratio Lower Upper
41 100
69 107.0 85.5 128.3
39 55.2 46.2 69.4





#49

1,4-Dioxane

Concen: 910.985 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

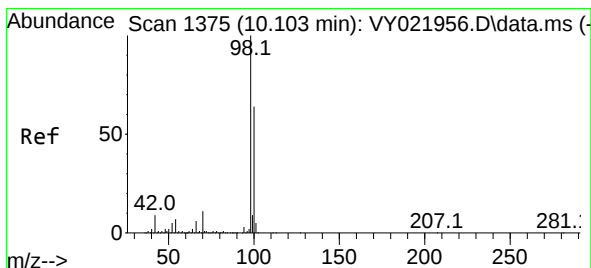
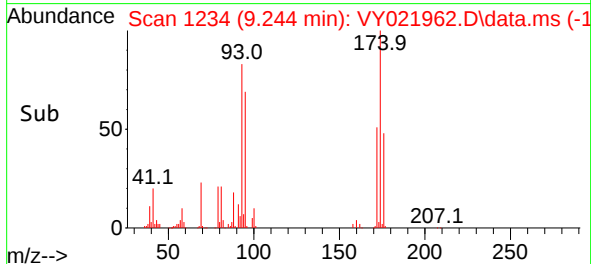
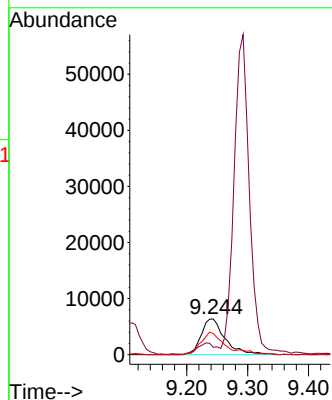
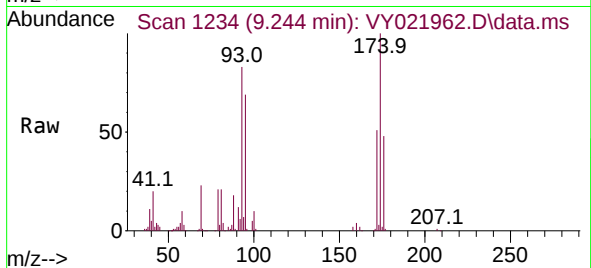
Tgt Ion: 88 Resp: 17347

Ion Ratio Lower Upper

88 100

43 20.6 21.3 31.9#

58 56.4 50.5 75.7



#50

Toluene-d8

Concen: 50.847 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021962.D

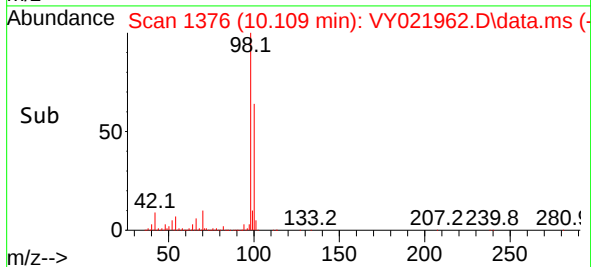
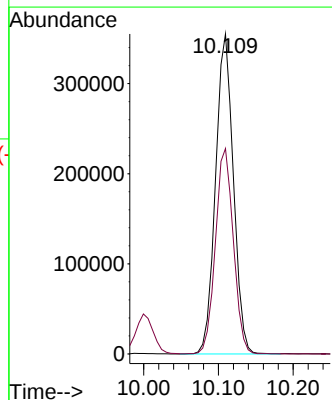
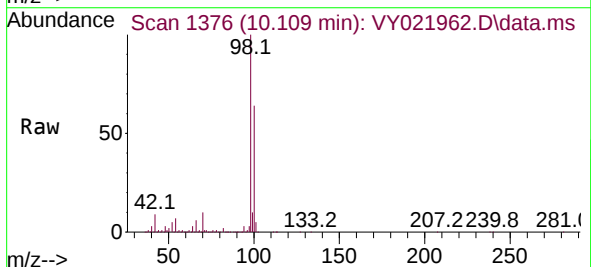
Acq: 23 Apr 2025 09:57

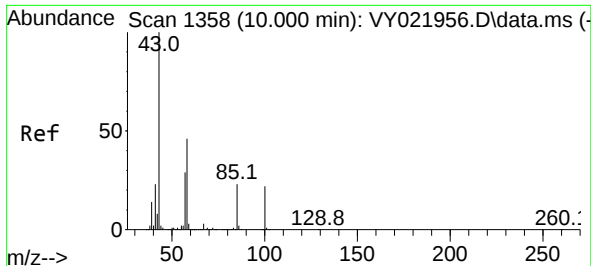
Tgt Ion: 98 Resp: 589167

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

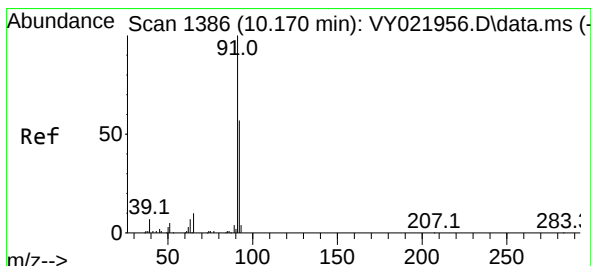
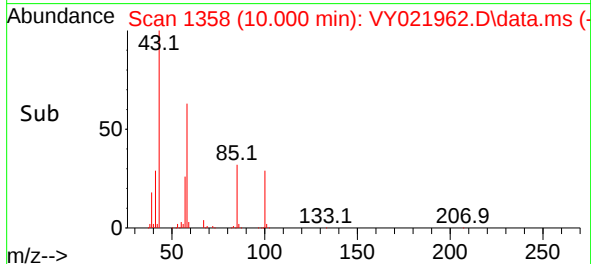
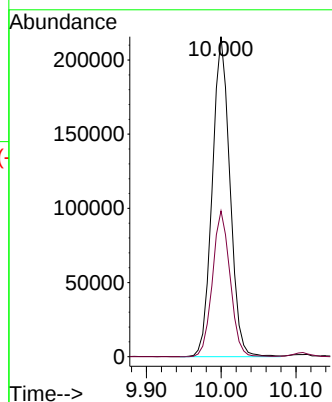
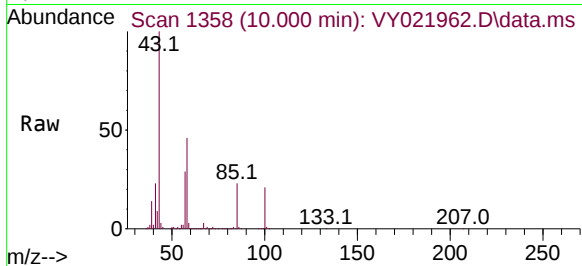




#51
4-Methyl-2-Pentanone
Concen: 237.188 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

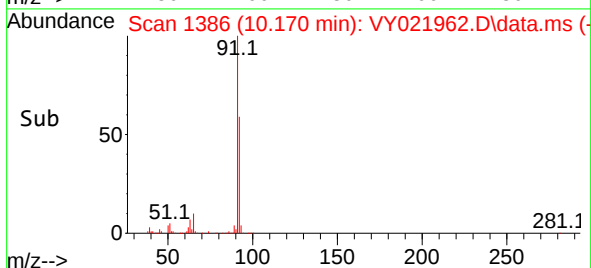
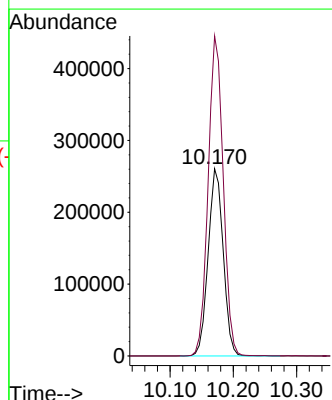
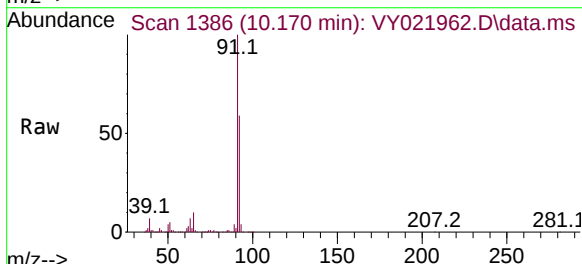
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

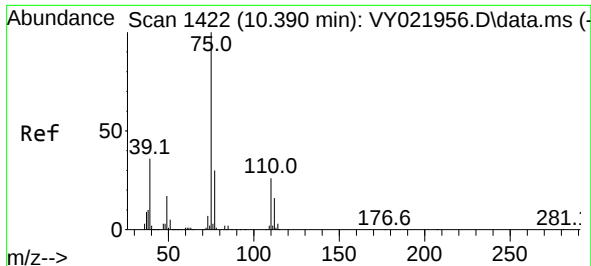
Tgt Ion: 43 Resp: 354051
Ion Ratio Lower Upper
43 100
58 45.5 36.6 55.0



#52
Toluene
Concen: 51.648 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 92 Resp: 431458
Ion Ratio Lower Upper
92 100
91 171.7 138.6 207.8

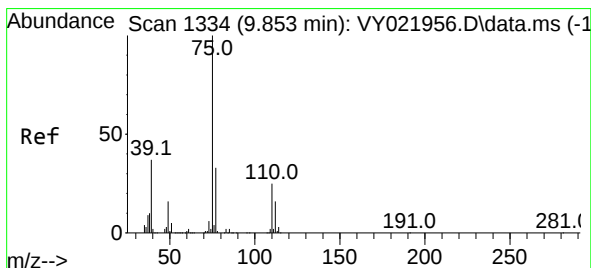
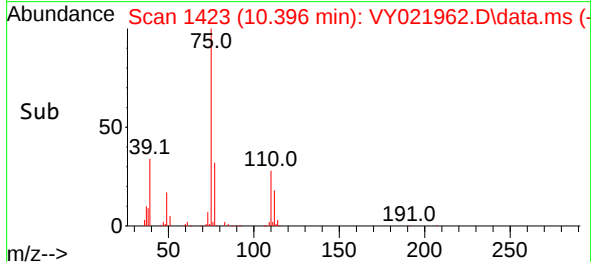
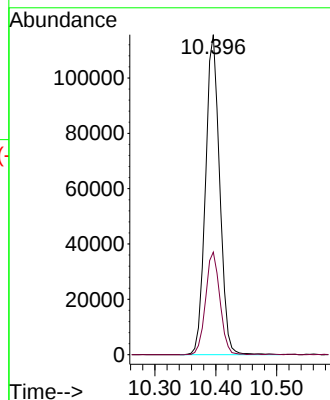
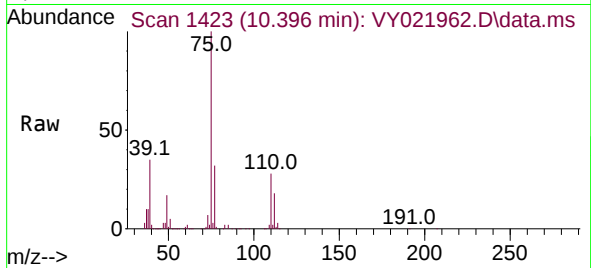




#53
 t-1,3-Dichloropropene
 Concen: 48.779 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

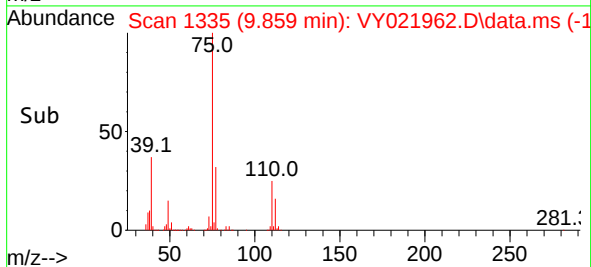
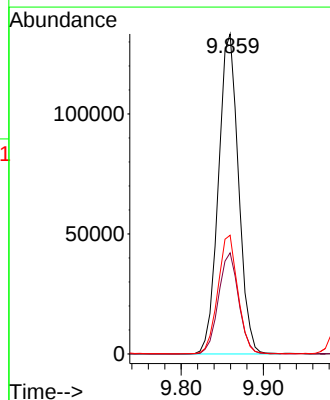
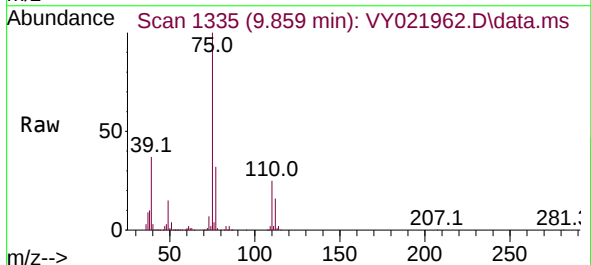
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

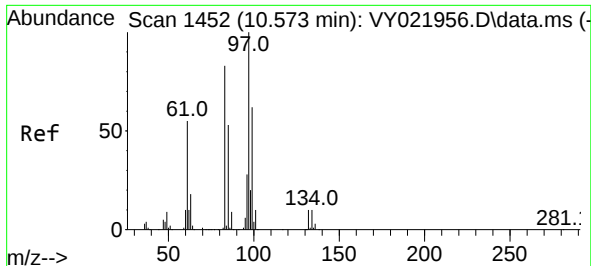
Tgt Ion: 75 Resp: 186739
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.753 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021962.D
 Acq: 23 Apr 2025 09:57

Tgt Ion: 75 Resp: 226412
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 40.0
 39 37.0 29.6 44.4



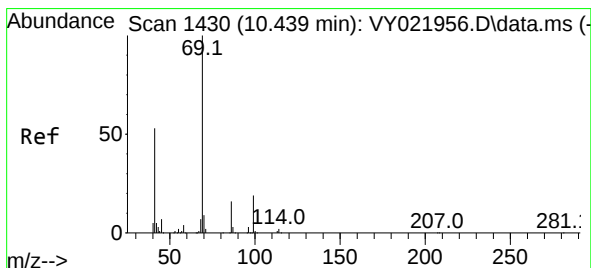
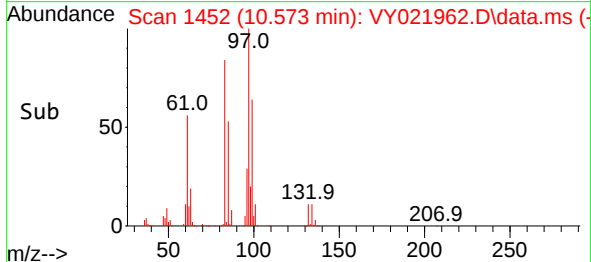
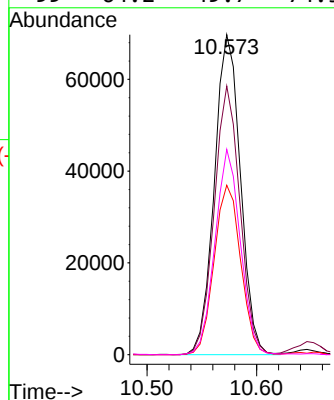
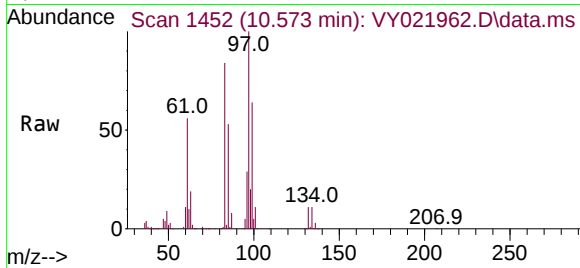


#55
1,1,2-Trichloroethane
Concen: 48.315 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 115302

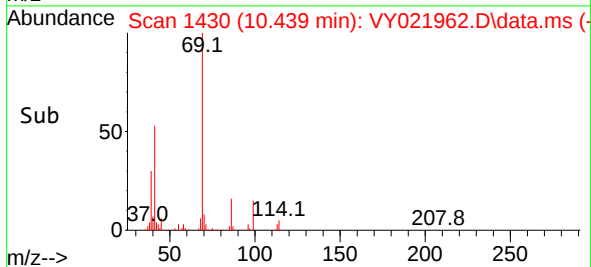
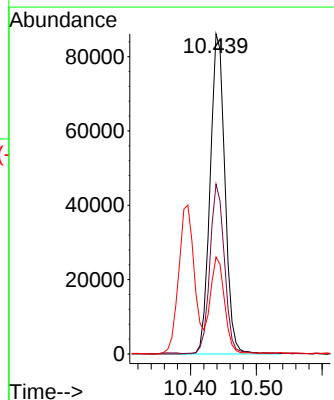
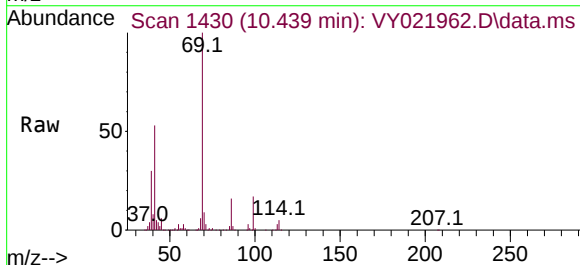
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.7	100.1
85	53.0	42.6	64.0
99	64.2	49.7	74.5

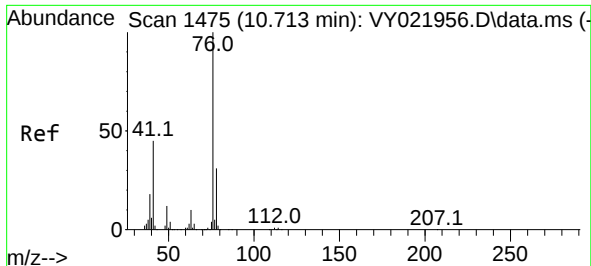


#56
Ethyl methacrylate
Concen: 49.489 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 69 Resp: 135058

Ion	Ratio	Lower	Upper
69	100		
41	51.8	40.7	61.1
39	28.8	23.3	34.9

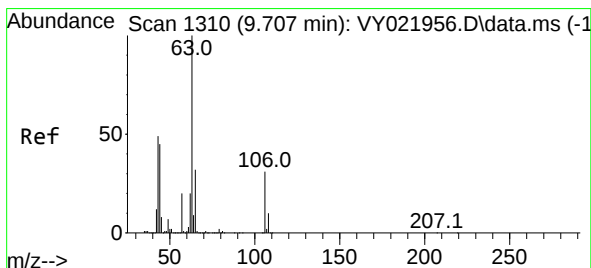
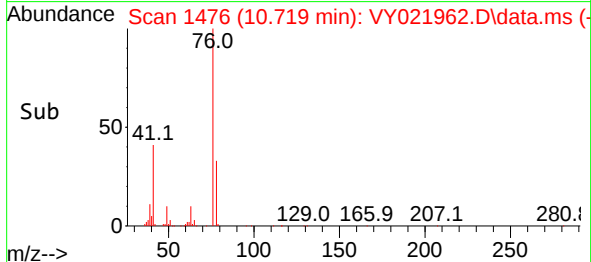
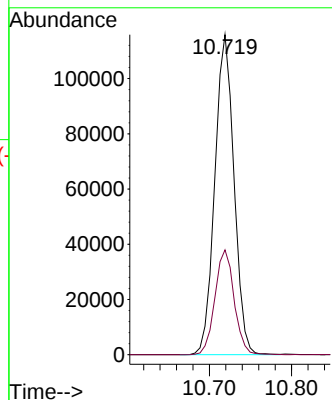
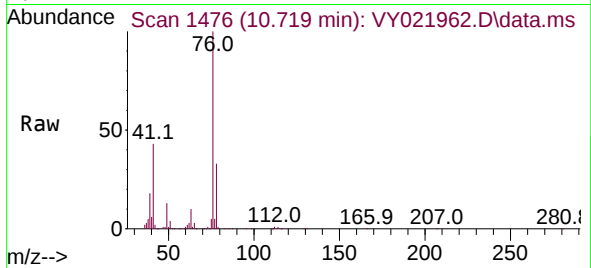




#57
1,3-Dichloropropane
Concen: 49.107 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

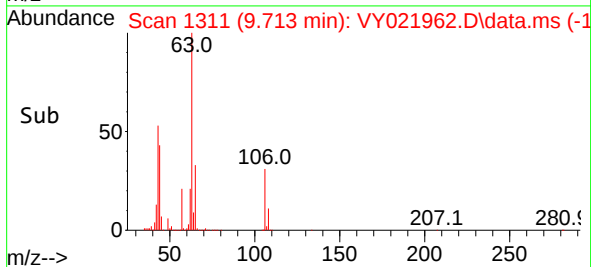
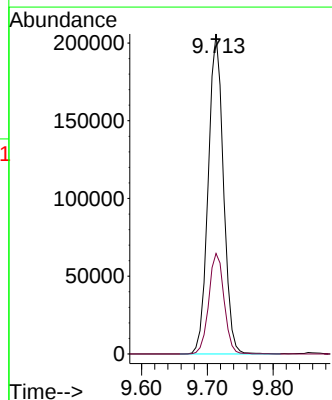
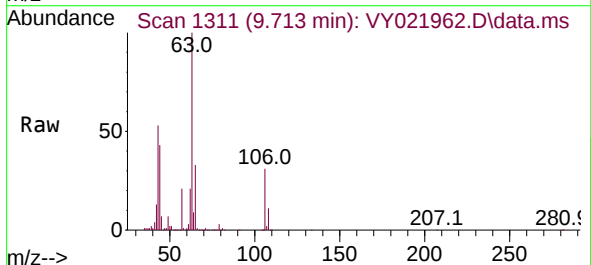
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

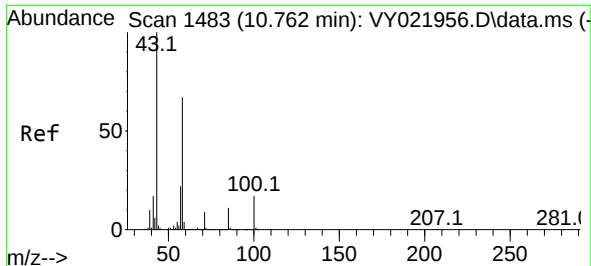
Tgt Ion: 76 Resp: 187872
Ion Ratio Lower Upper
76 100
78 32.7 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 247.543 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 63 Resp: 330303
Ion Ratio Lower Upper
63 100
106 31.6 25.3 37.9

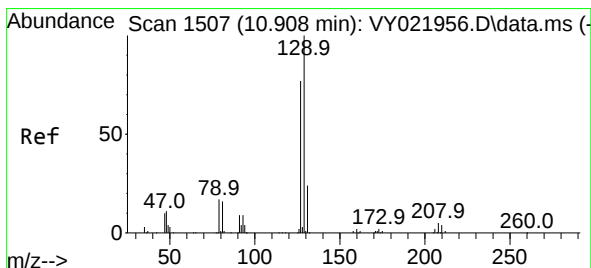
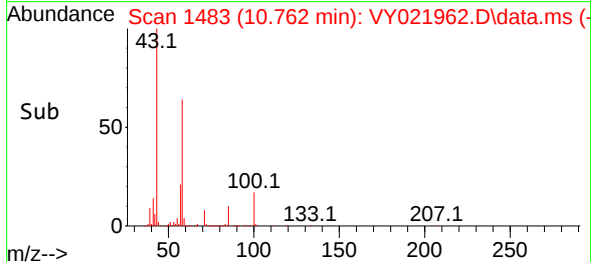
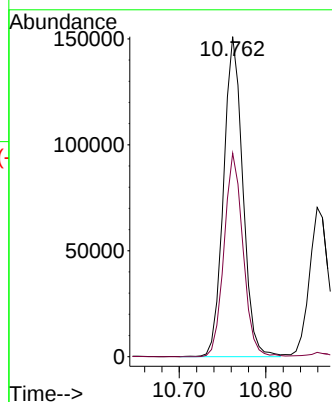
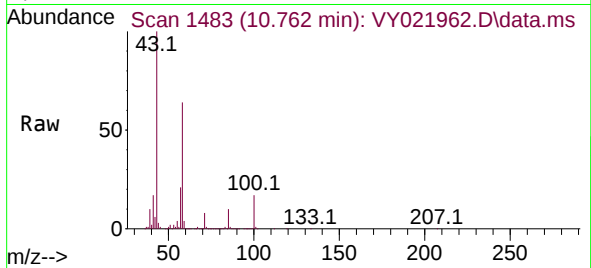




#59
2-Hexanone
Concen: 236.717 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

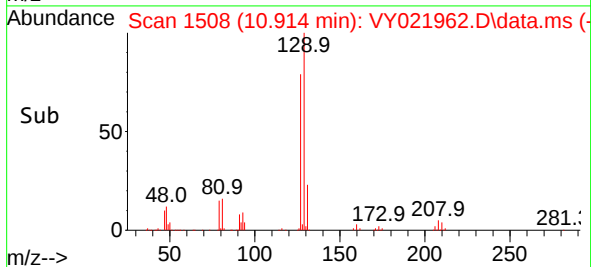
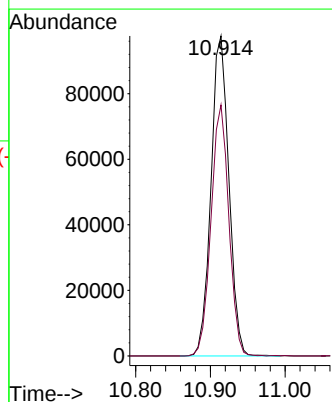
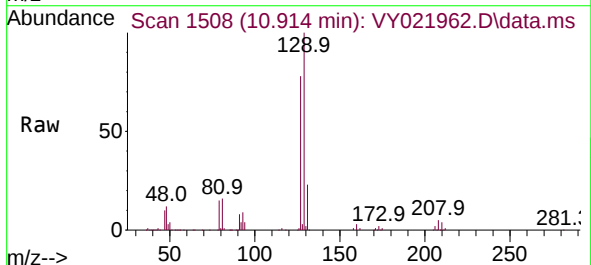
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

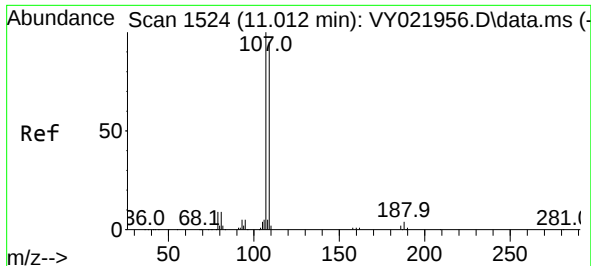
Tgt Ion: 43 Resp: 233063
Ion Ratio Lower Upper
43 100
58 62.5 32.0 96.0



#60
Dibromochloromethane
Concen: 49.058 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 129 Resp: 162089
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3

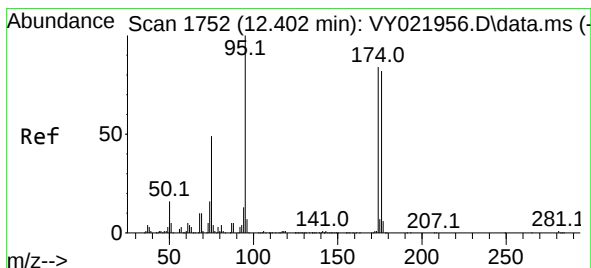
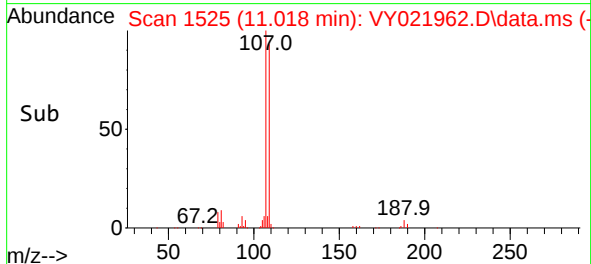
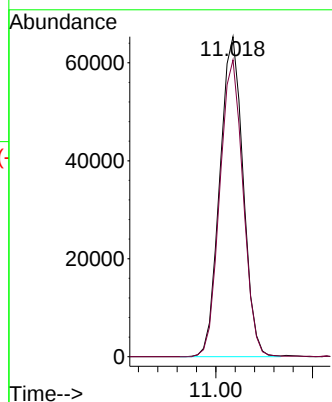
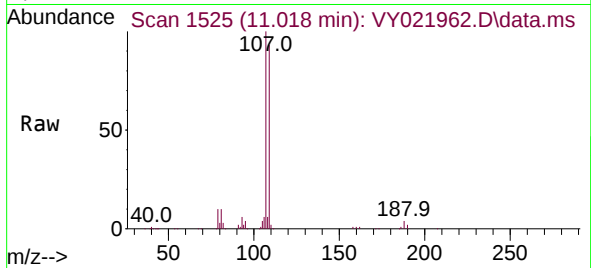




#61
1,2-Dibromoethane
Concen: 48.473 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

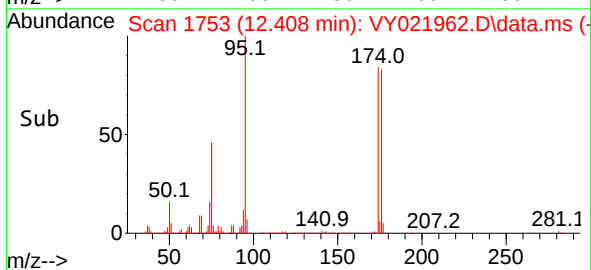
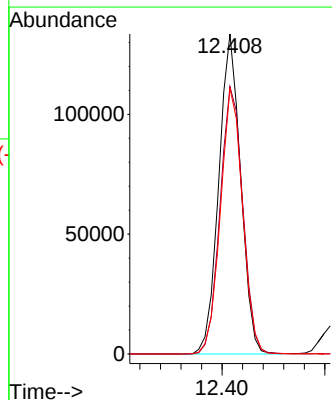
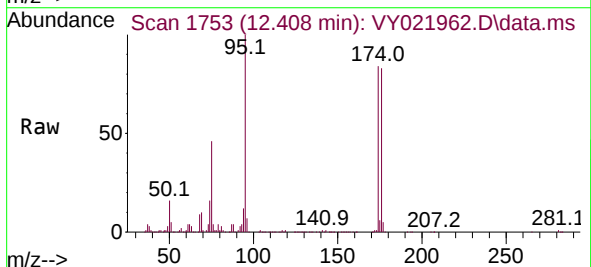
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

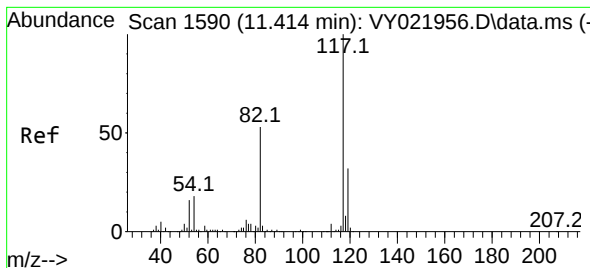
Tgt Ion:107 Resp: 109207
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.357 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 95 Resp: 196424
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 84.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

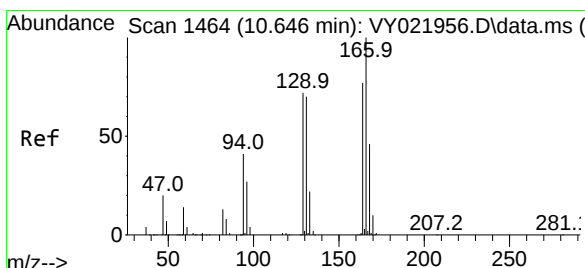
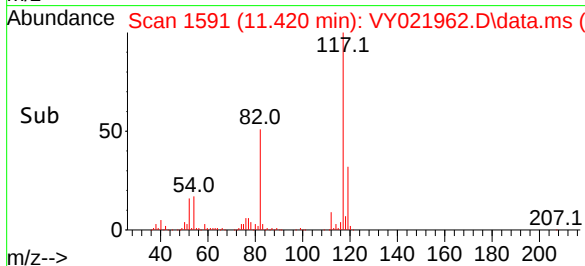
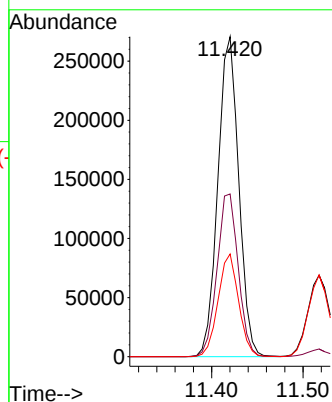
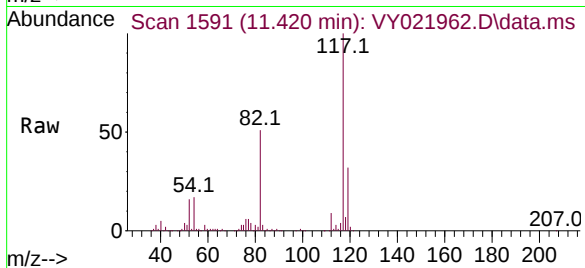
Tgt Ion:117 Resp: 430304

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 47.795 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Tgt Ion:164 Resp: 194016

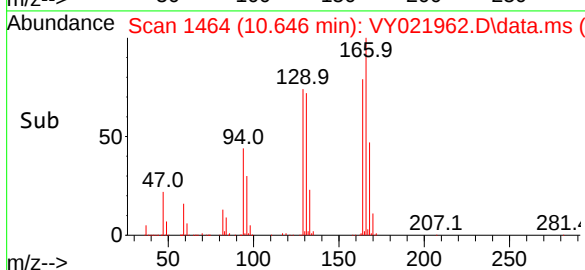
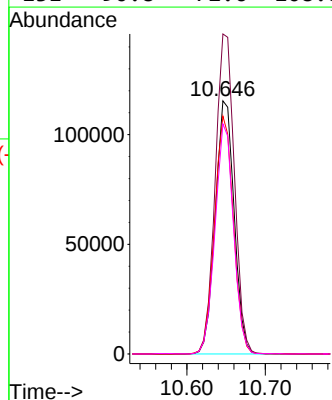
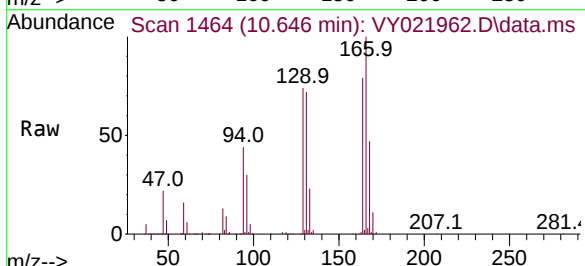
Ion Ratio Lower Upper

164 100

166 126.4 103.6 155.4

129 94.0 74.2 111.4

131 90.8 72.6 108.8





#65

Chlorobenzene

Concen: 48.969 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

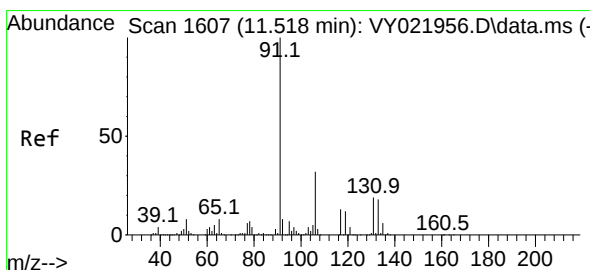
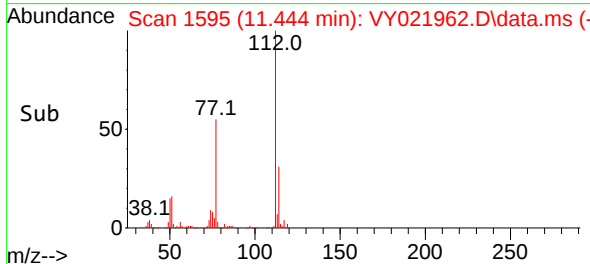
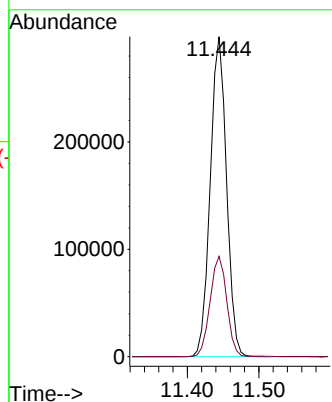
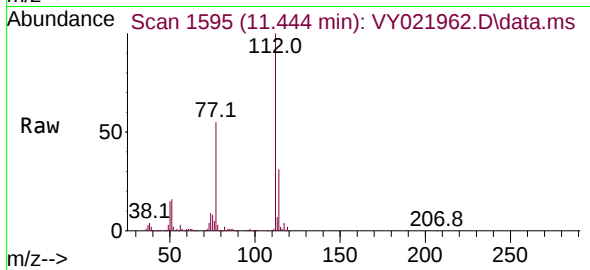
VSTDCCC050

Tgt Ion:112 Resp: 471216

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.909 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

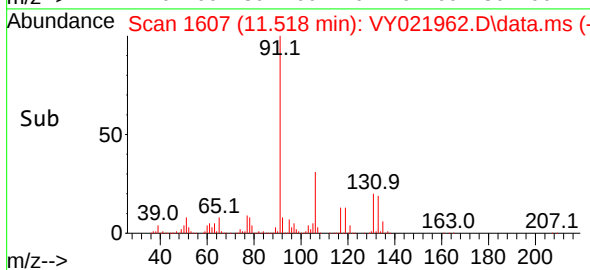
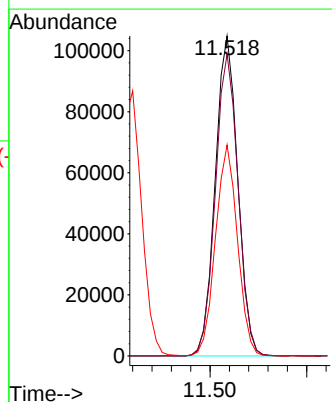
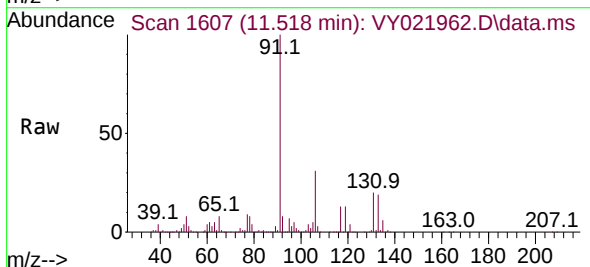
Tgt Ion:131 Resp: 169077

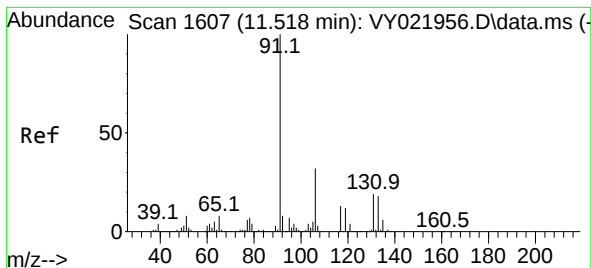
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 64.6 32.4 97.0





#67

Ethyl Benzene

Concen: 51.431 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

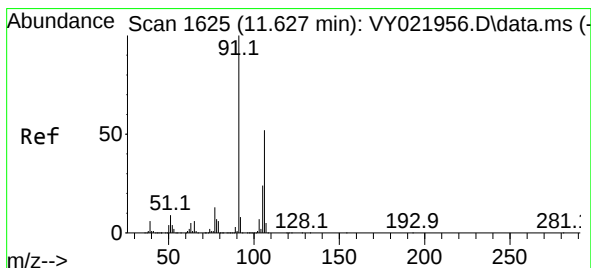
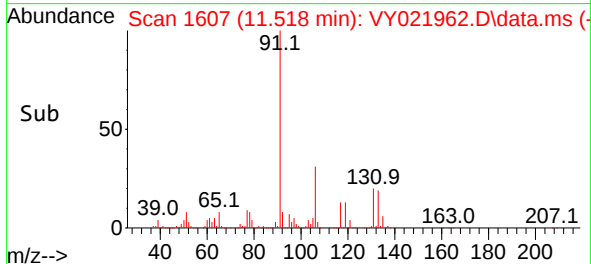
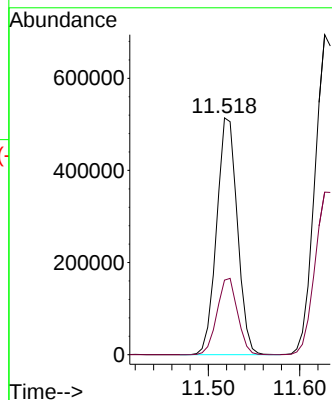
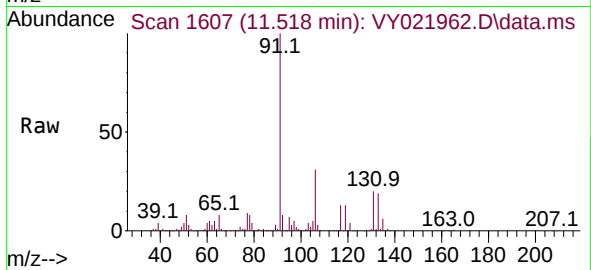
VSTDCCC050

Tgt Ion: 91 Resp: 809578

Ion Ratio Lower Upper

91 100

106 31.5 25.9 38.9



#68

m/p-Xylenes

Concen: 103.933 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021962.D

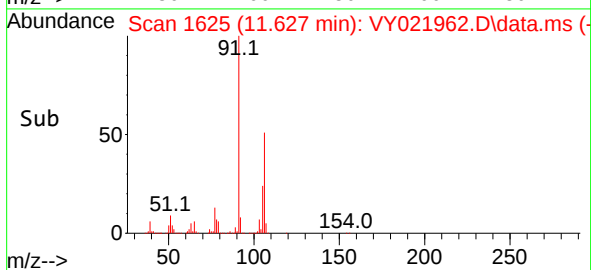
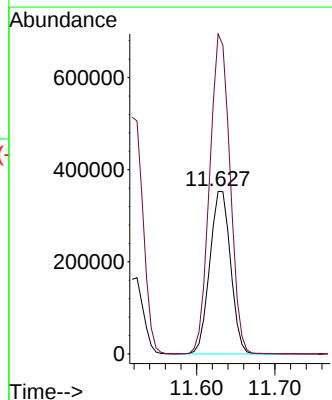
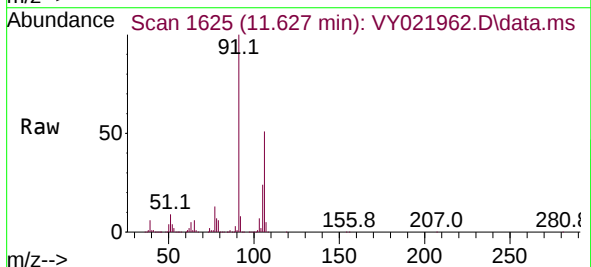
Acq: 23 Apr 2025 09:57

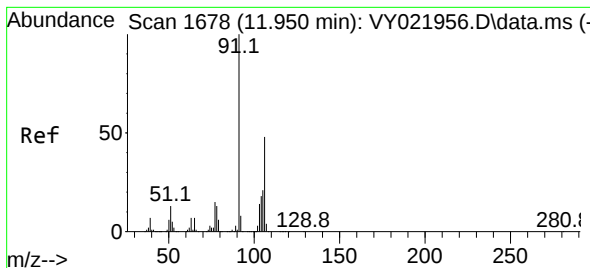
Tgt Ion: 106 Resp: 651015

Ion Ratio Lower Upper

106 100

91 193.0 156.2 234.2





#69

o-Xylene

Concen: 51.674 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

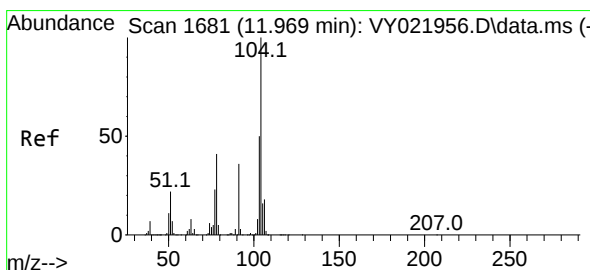
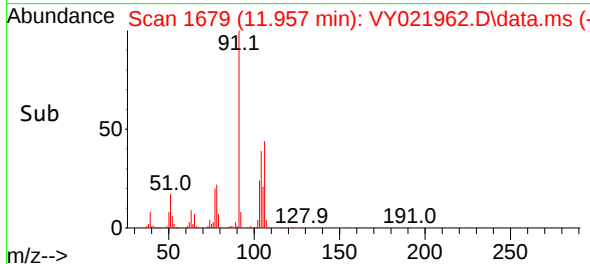
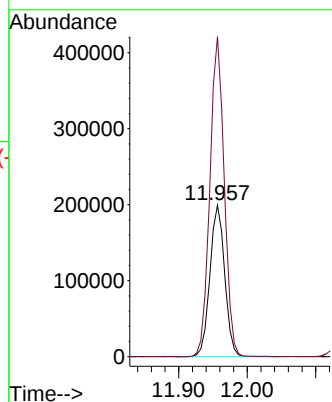
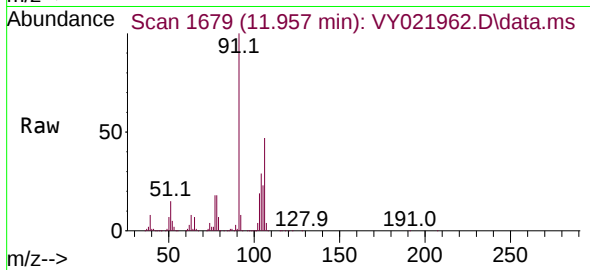
VSTDCCC050

Tgt Ion:106 Resp: 298324

Ion Ratio Lower Upper

106 100

91 206.3 103.0 308.9



#70

Styrene

Concen: 52.652 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

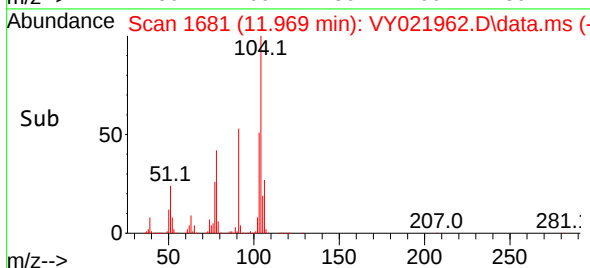
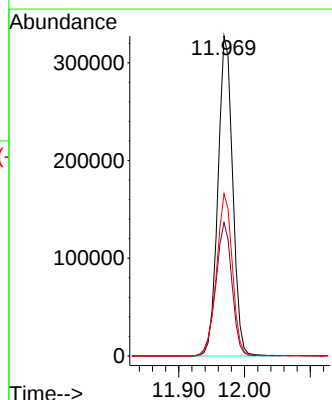
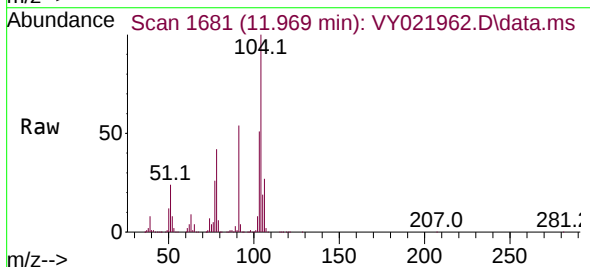
Tgt Ion:104 Resp: 510378

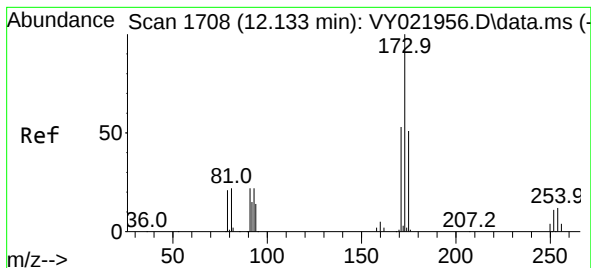
Ion Ratio Lower Upper

104 100

78 45.8 36.6 54.8

103 54.5 43.8 65.8





#71

Bromoform

Concen: 47.750 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

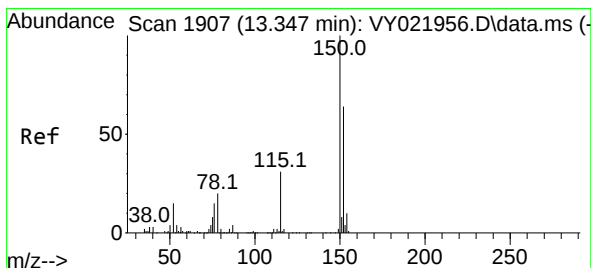
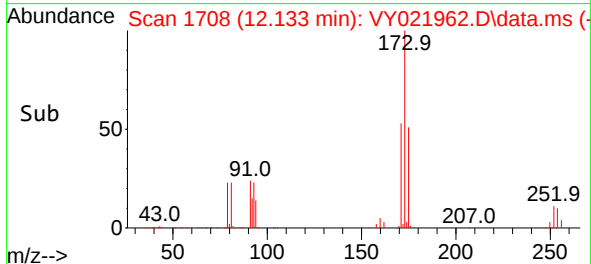
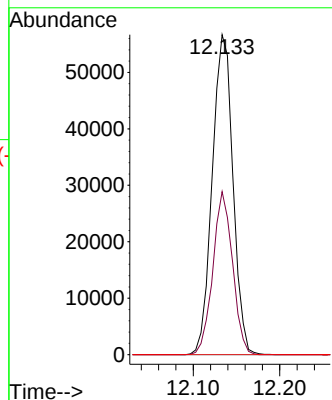
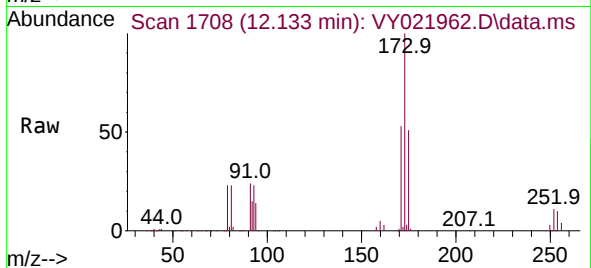
Tgt Ion:173 Resp: 94049

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

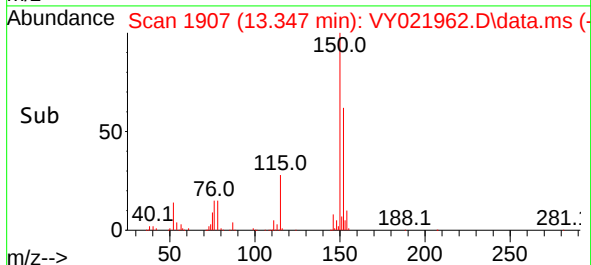
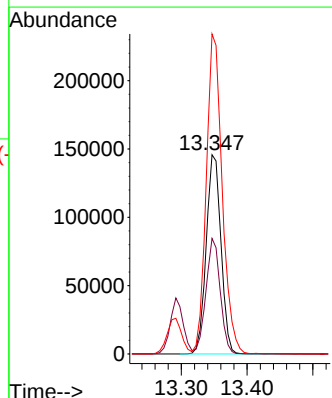
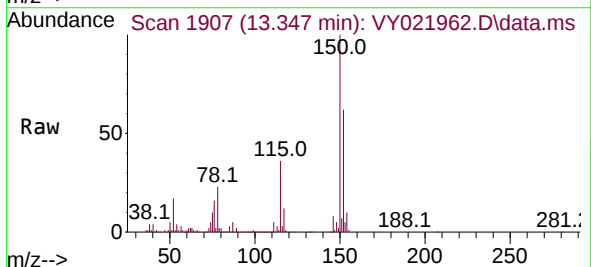
Tgt Ion:152 Resp: 227723

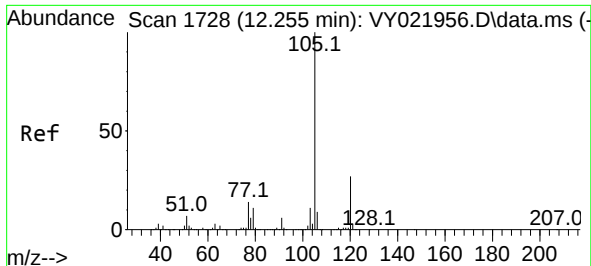
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 173.0 0.0 345.6

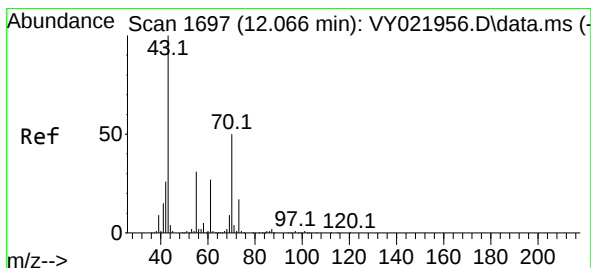
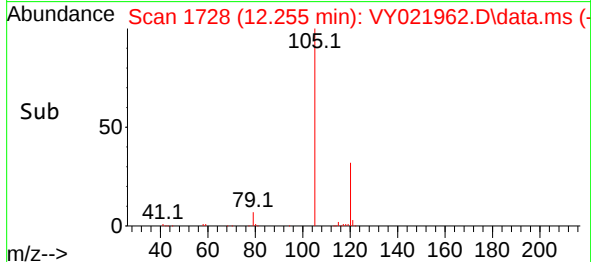
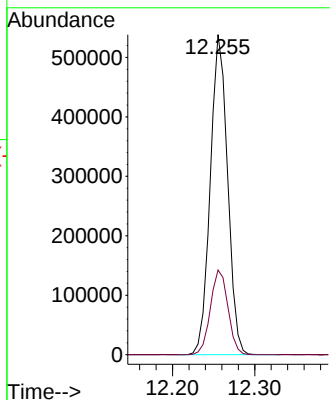
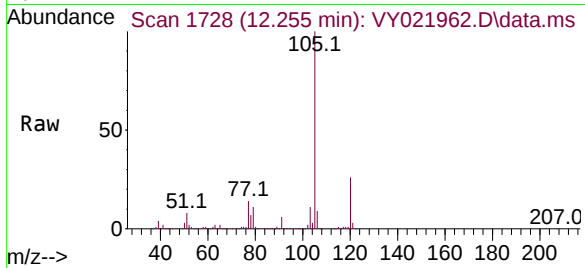




#73
Isopropylbenzene
Concen: 51.691 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

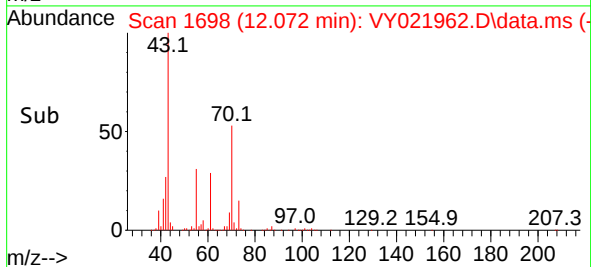
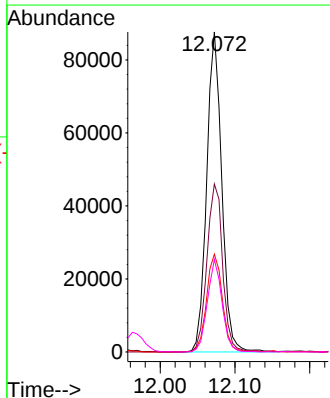
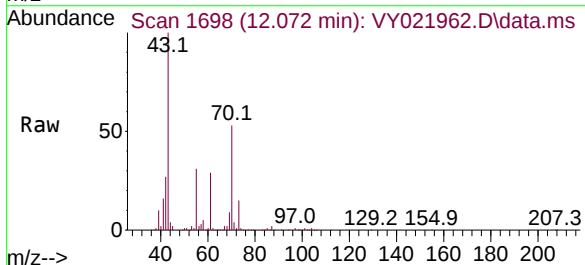
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

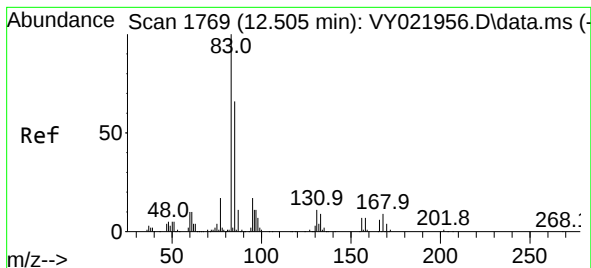
Tgt Ion:105 Resp: 786442
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 47.028 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 43 Resp: 122929
Ion Ratio Lower Upper
43 100
70 55.0 43.2 64.8
55 32.3 25.7 38.5
61 28.1 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.731 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

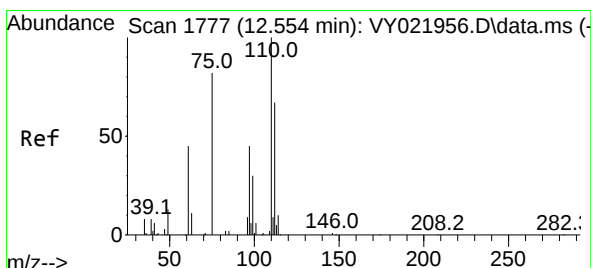
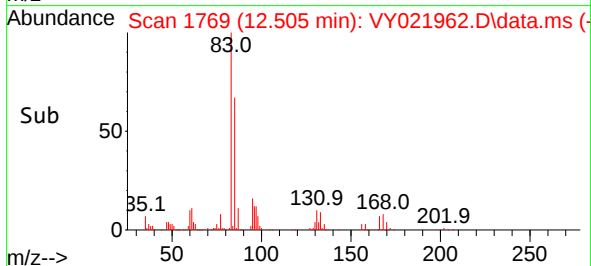
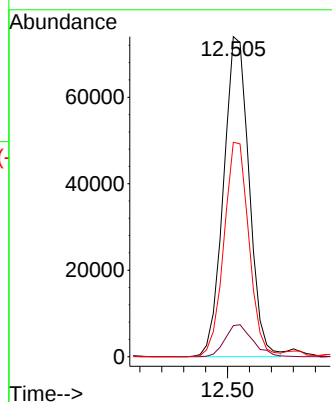
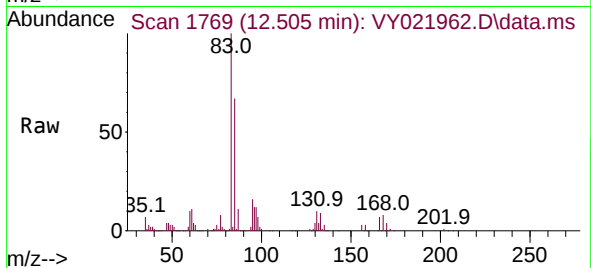
Tgt Ion: 83 Resp: 119870

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 65.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 82.211 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021962.D

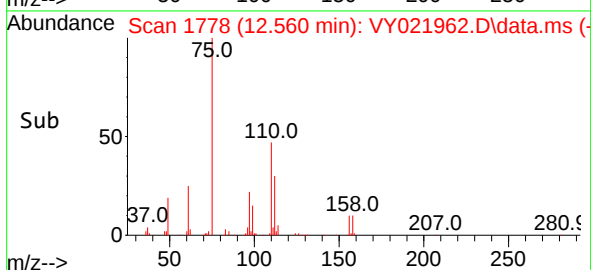
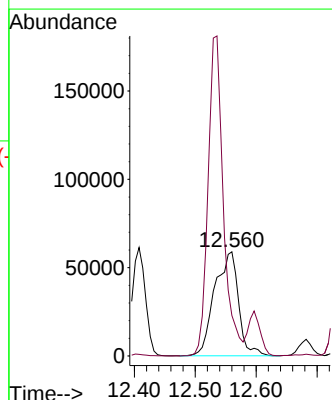
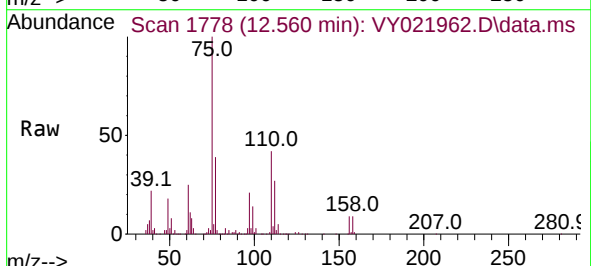
Acq: 23 Apr 2025 09:57

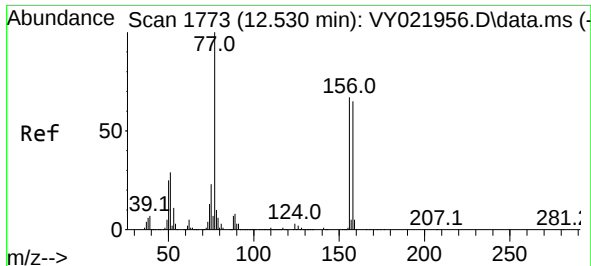
Tgt Ion: 75 Resp: 160358

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

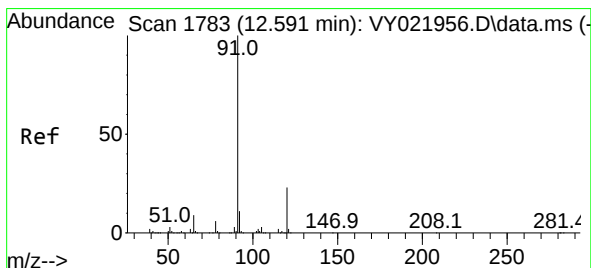
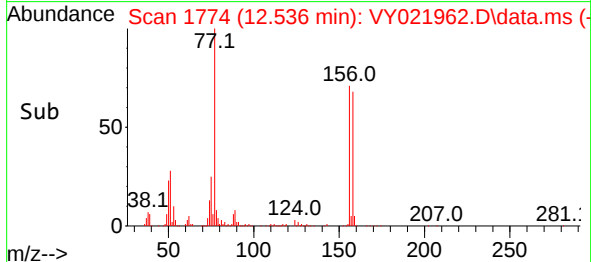
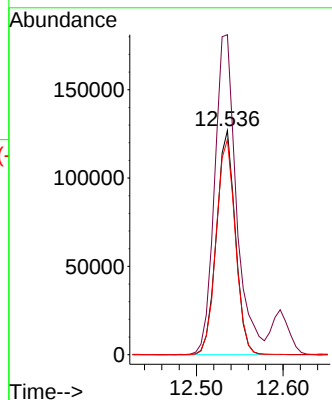
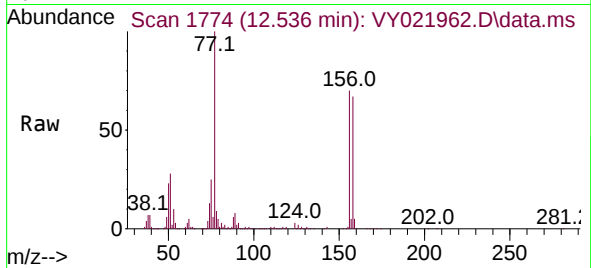




#77
Bromobenzene
Concen: 49.881 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

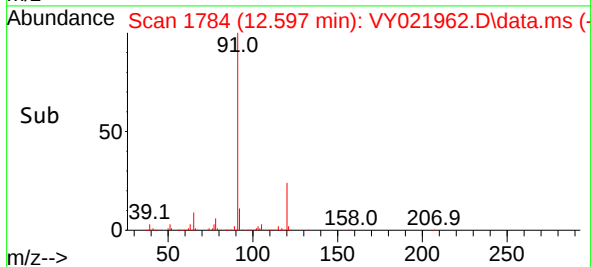
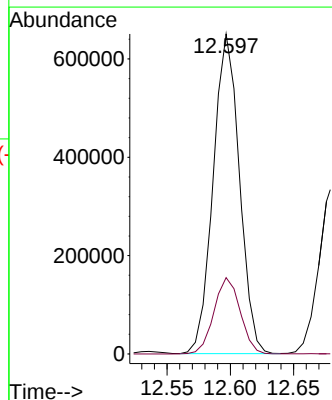
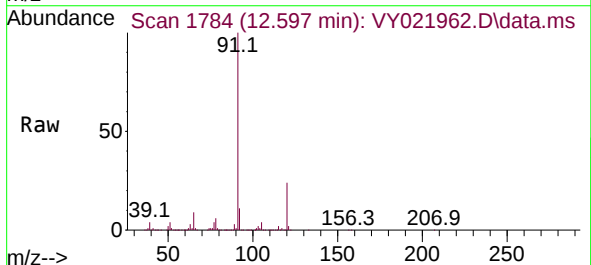
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

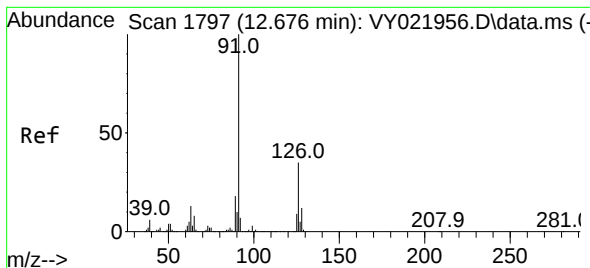
Tgt Ion:156 Resp: 191765
Ion Ratio Lower Upper
156 100
77 165.6 82.7 248.1
158 97.7 48.1 144.4



#78
n-propylbenzene
Concen: 51.719 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 91 Resp: 937068
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.734 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

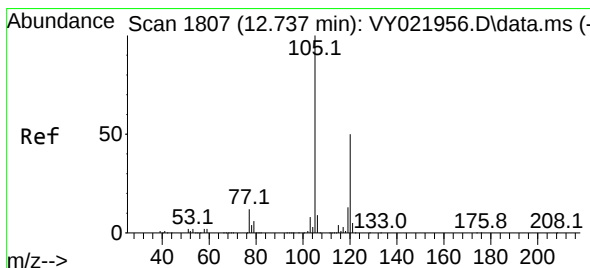
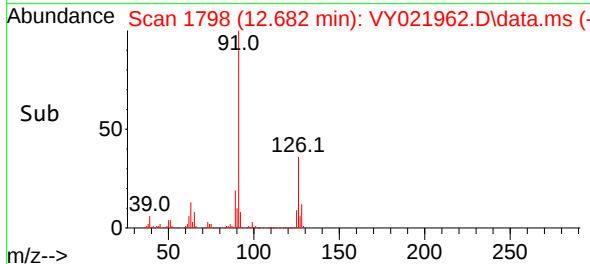
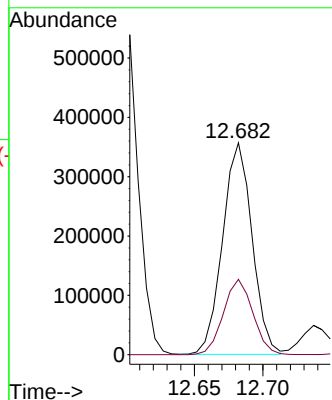
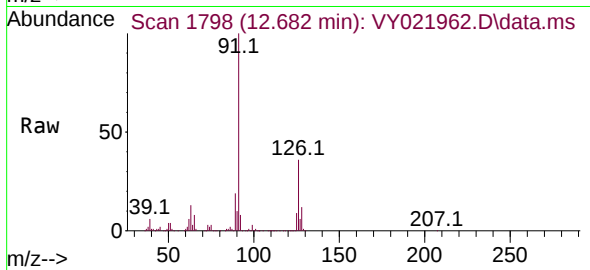
VSTDCCC050

Tgt Ion: 91 Resp: 534581

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 52.396 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021962.D

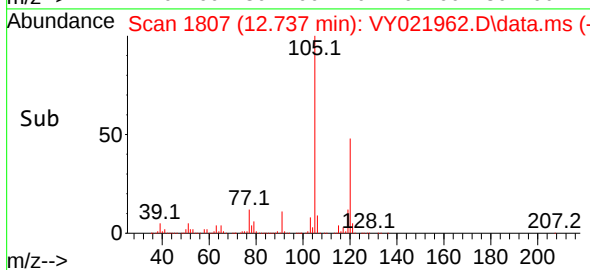
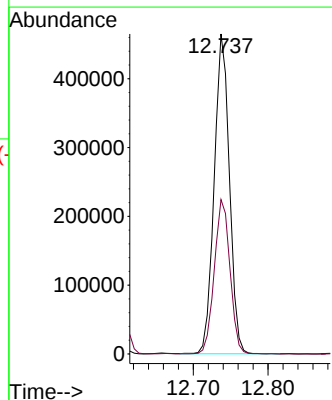
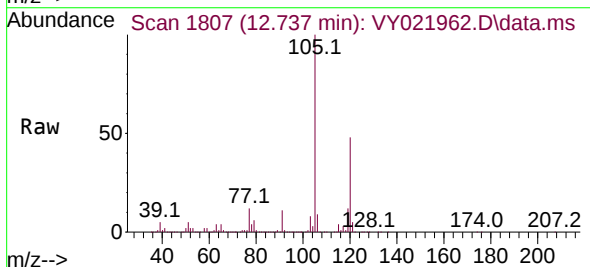
Acq: 23 Apr 2025 09:57

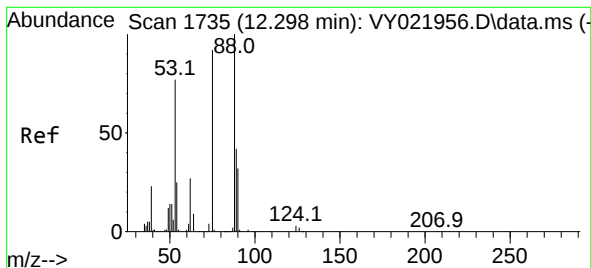
Tgt Ion: 105 Resp: 656821

Ion Ratio Lower Upper

105 100

120 49.8 25.0 75.0

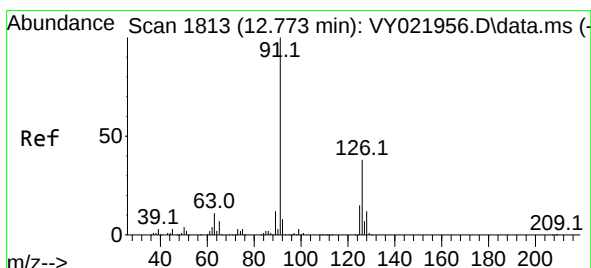
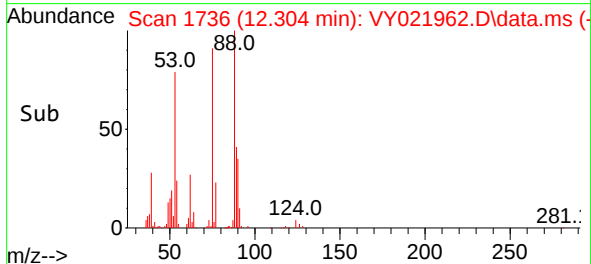
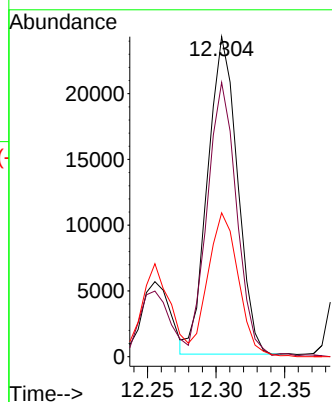
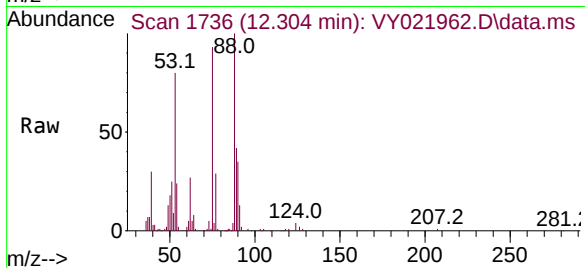




#81
trans-1,4-Dichloro-2-butene
Concen: 45.095 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

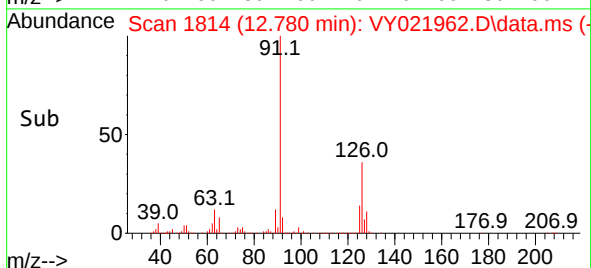
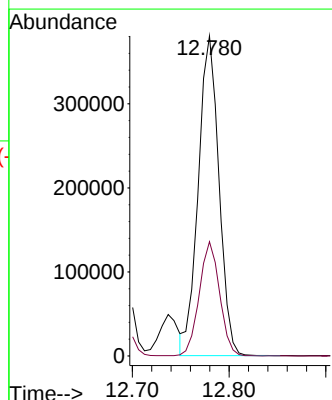
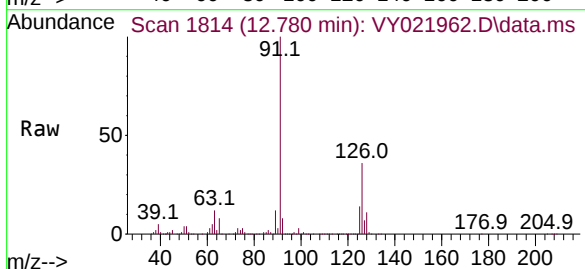
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

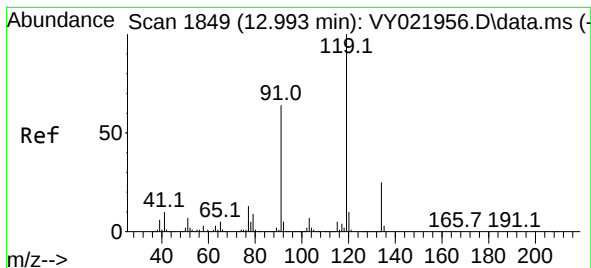
Tgt Ion: 75 Resp: 36526
Ion Ratio Lower Upper
75 100
53 85.6 66.0 99.0
89 46.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.601 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 91 Resp: 565209
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.900 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

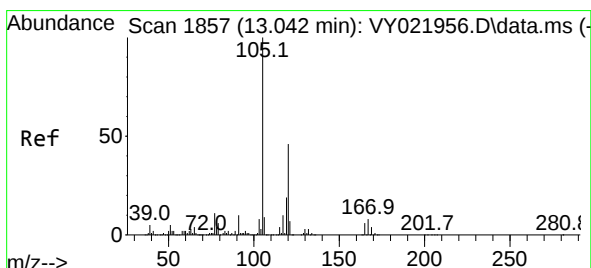
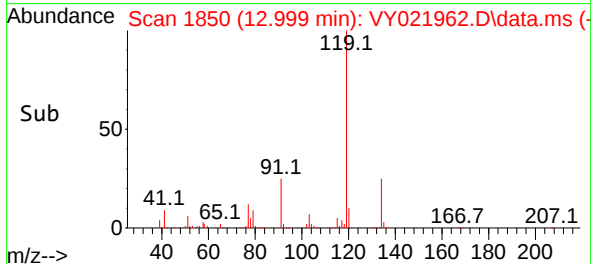
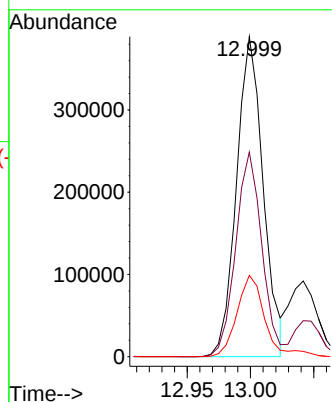
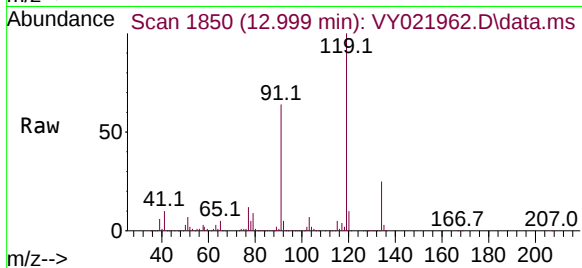
Tgt Ion:119 Resp: 572255

Ion Ratio Lower Upper

119 100

91 62.2 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 52.200 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021962.D

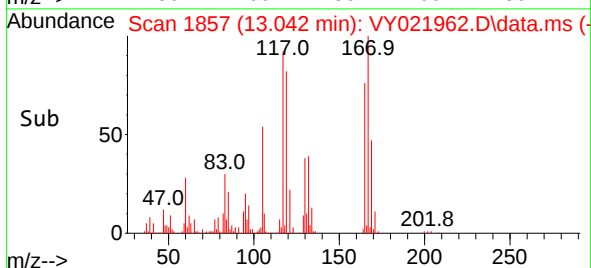
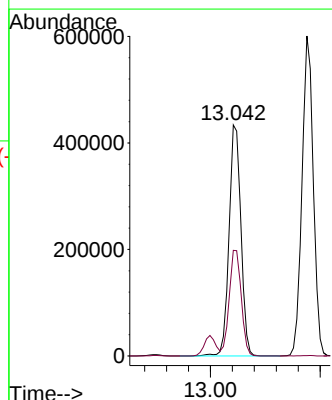
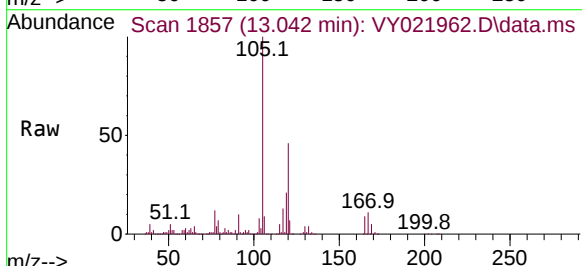
Acq: 23 Apr 2025 09:57

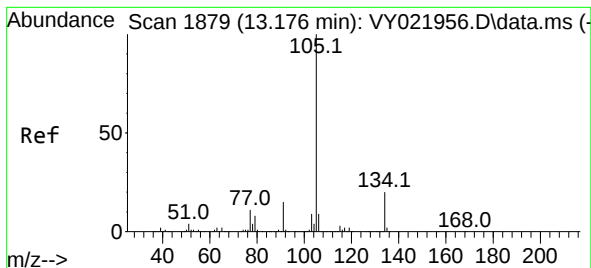
Tgt Ion:105 Resp: 654511

Ion Ratio Lower Upper

105 100

120 46.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 51.930 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

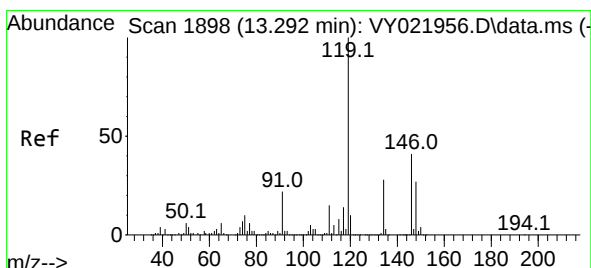
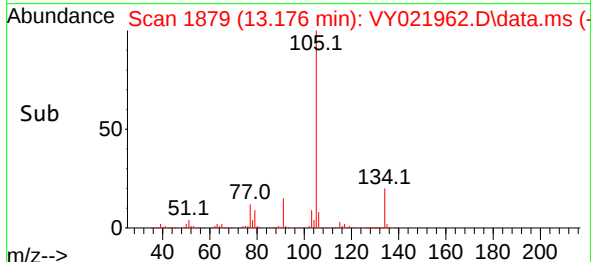
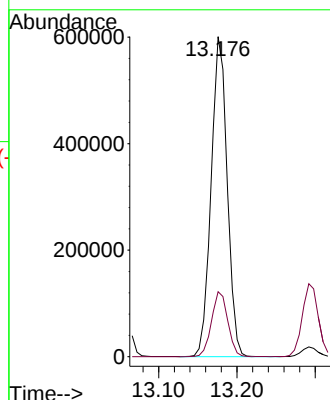
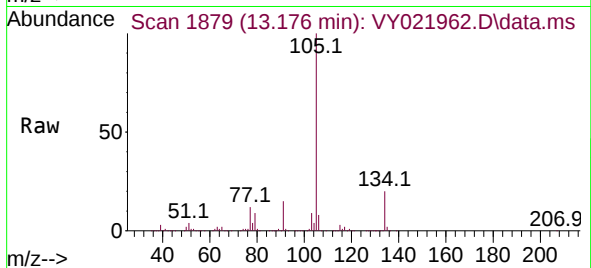
VSTDCCC050

Tgt Ion:105 Resp: 854324

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.747 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

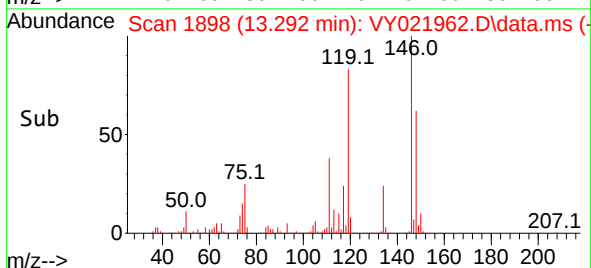
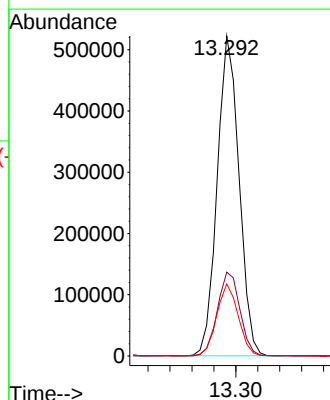
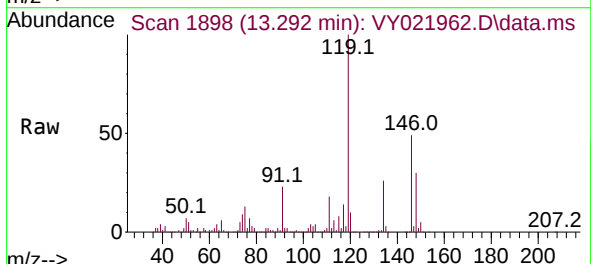
Tgt Ion:119 Resp: 722898

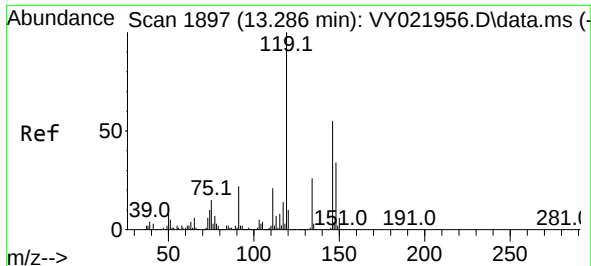
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.998 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

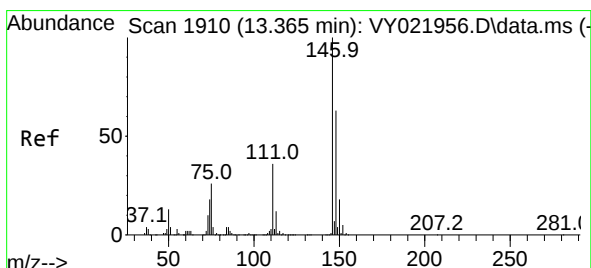
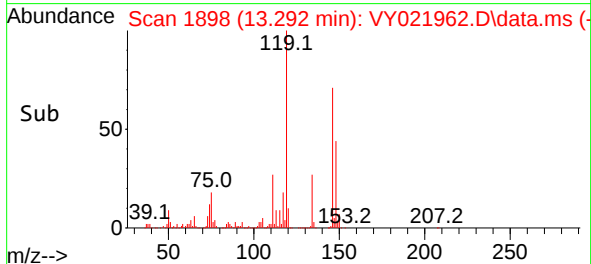
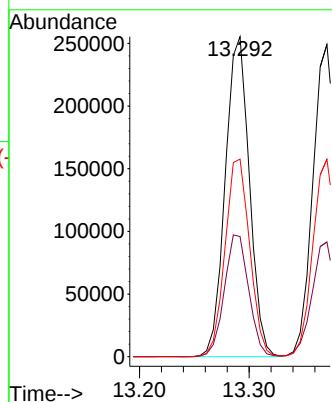
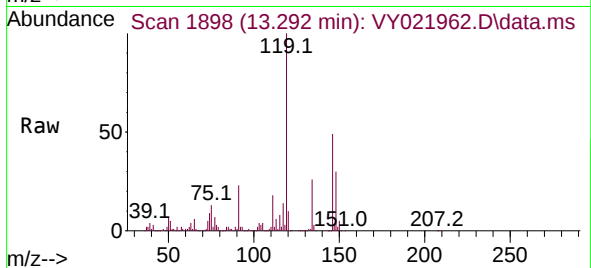
Tgt Ion:146 Resp: 390395

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 63.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.910 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

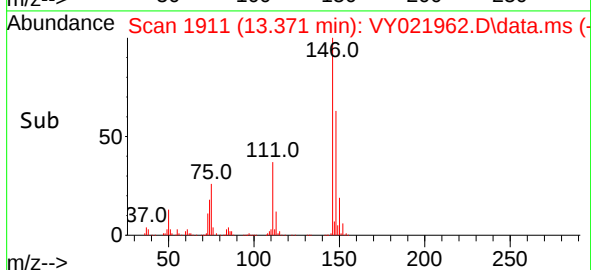
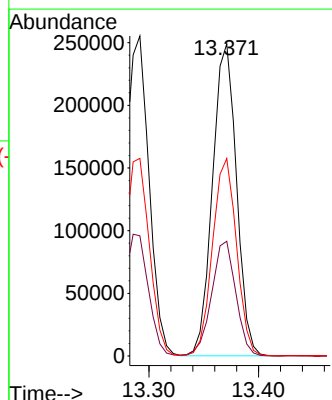
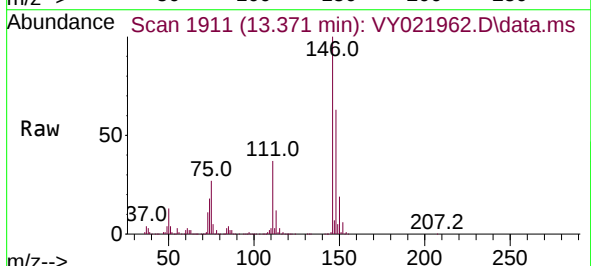
Tgt Ion:146 Resp: 378229

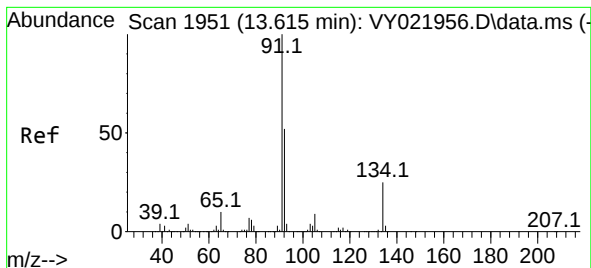
Ion Ratio Lower Upper

146 100

111 37.2 19.2 57.6

148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 51.230 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

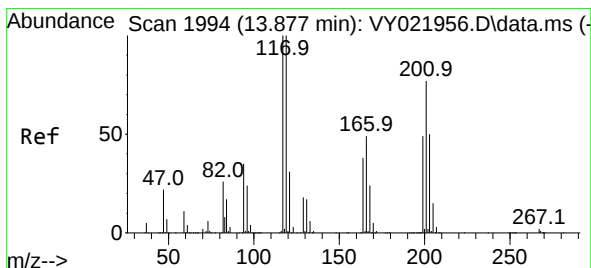
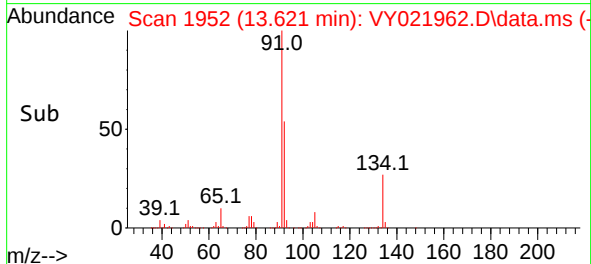
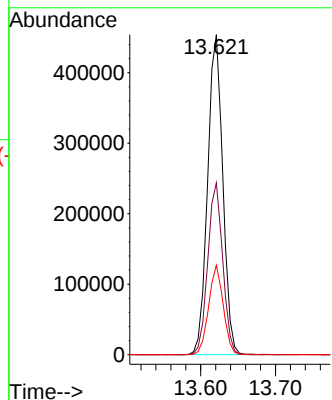
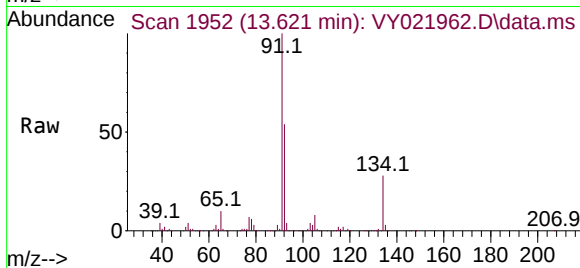
Tgt Ion: 91 Resp: 639690

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 49.417 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021962.D

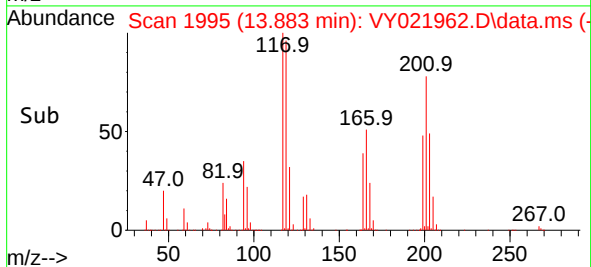
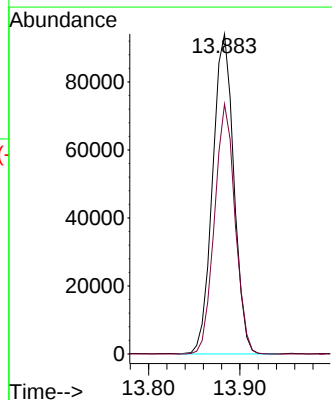
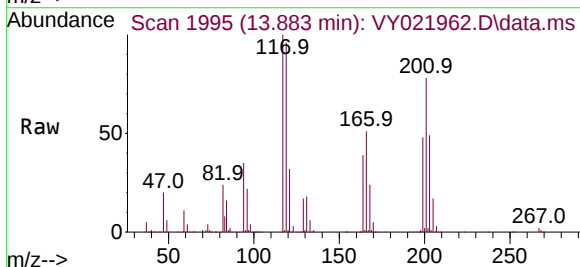
Acq: 23 Apr 2025 09:57

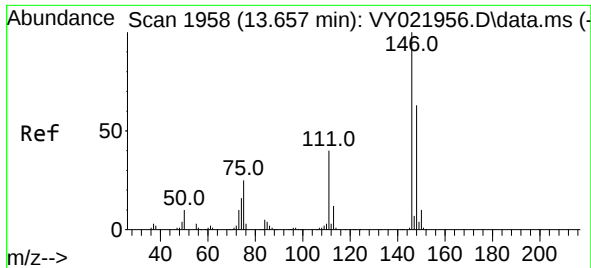
Tgt Ion: 117 Resp: 151676

Ion Ratio Lower Upper

117 100

201 75.8 38.7 116.1

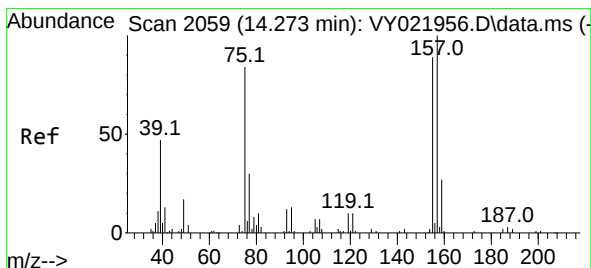
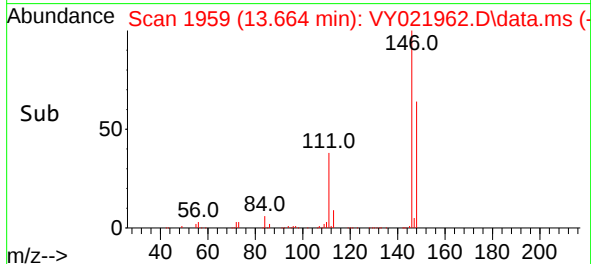
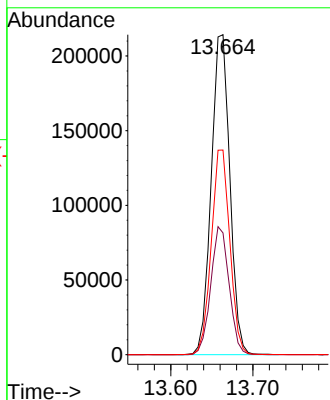
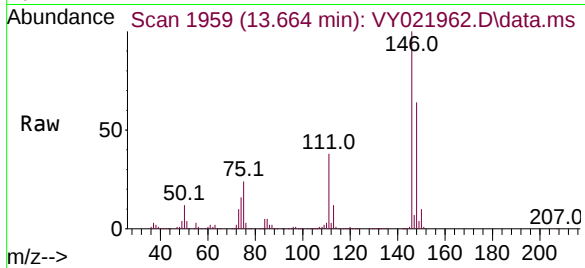




#91
1,2-Dichlorobenzene
Concen: 49.478 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

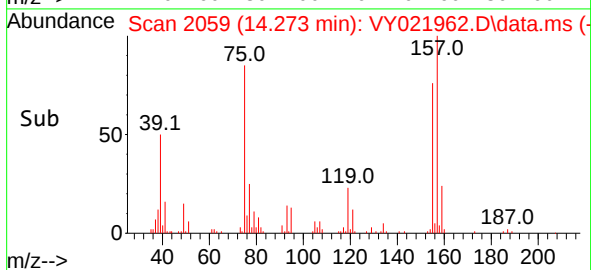
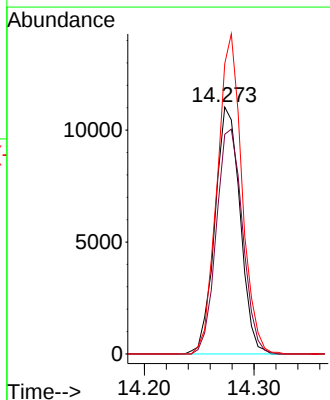
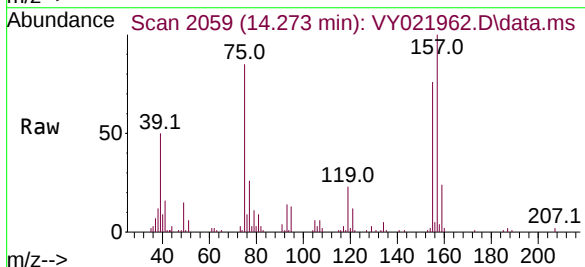
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 336961
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.193 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021962.D
Acq: 23 Apr 2025 09:57

Tgt Ion: 75 Resp: 17627
Ion Ratio Lower Upper
75 100
155 94.7 50.7 152.3
157 126.6 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 47.955 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

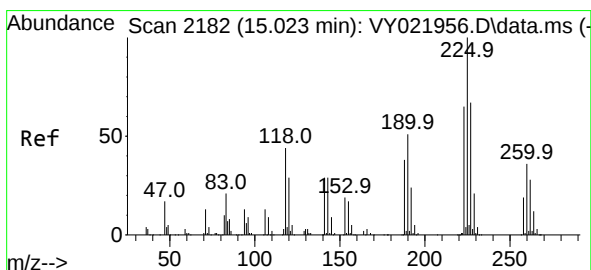
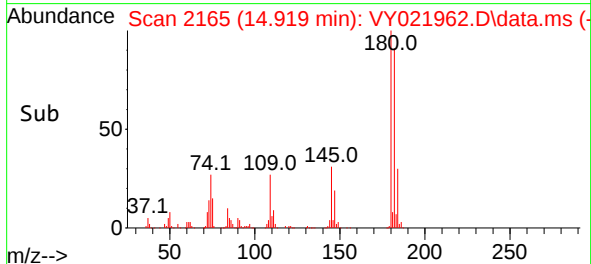
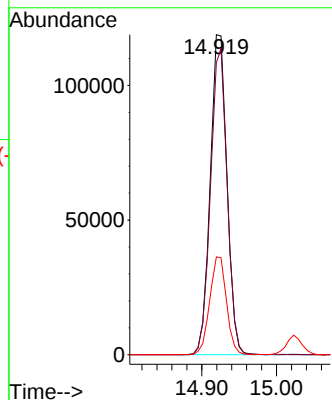
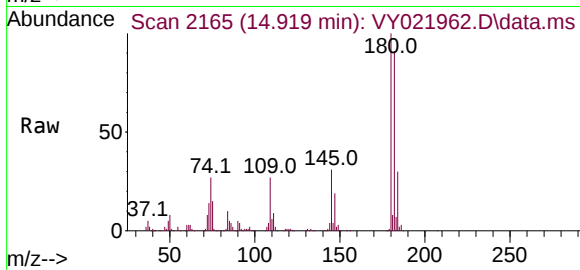
Tgt Ion:180 Resp: 185069

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 48.184 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

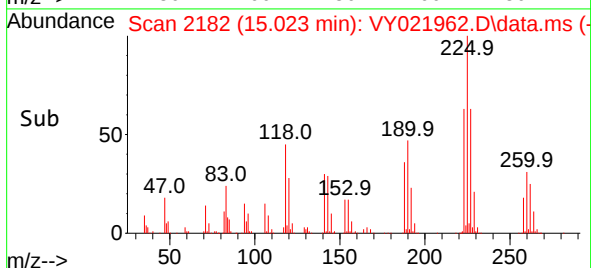
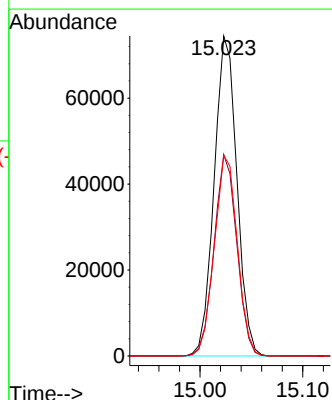
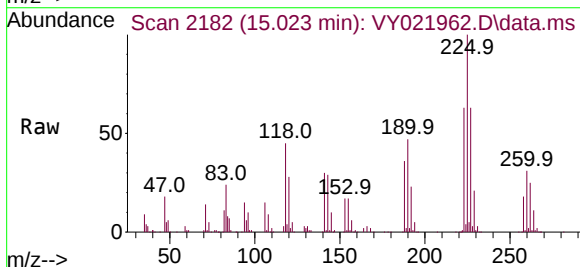
Tgt Ion:225 Resp: 114409

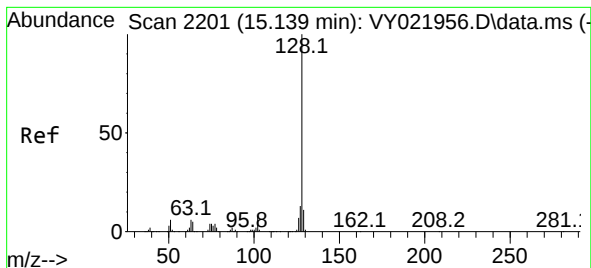
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.5

227 63.4 32.3 96.9





#95

Naphthalene

Concen: 46.487 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

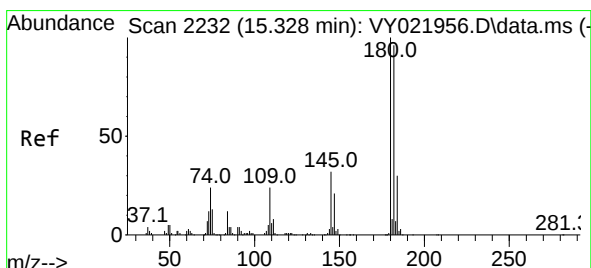
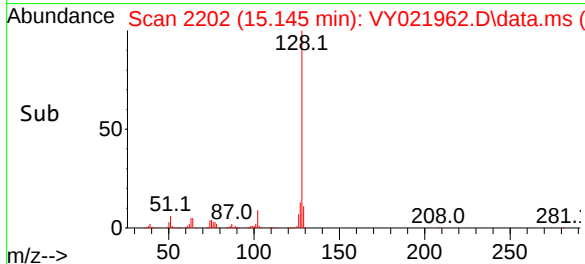
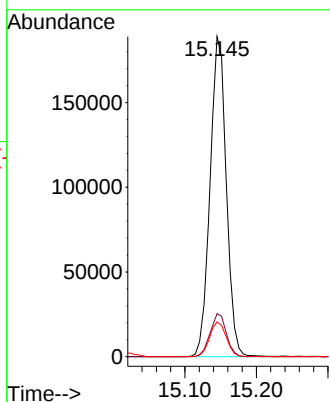
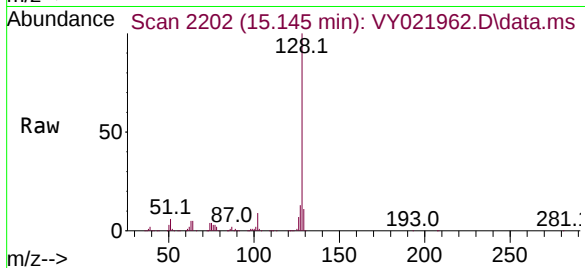
Tgt Ion:128 Resp: 298015

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.564 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021962.D

Acq: 23 Apr 2025 09:57

Tgt Ion:180 Resp: 158449

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.4

145 32.5 16.0 48.0

