

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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: May 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	161495	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	274168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	110586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90668	51.370	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.646	113	87280	53.337	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.115	98	355941	53.110	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.408	95	105997	49.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	82650	49.047	ug/l	99
3) Chloromethane	2.074	50	176433	49.773	ug/l	96
4) Vinyl Chloride	2.208	62	234408	59.188	ug/l	97
5) Bromomethane	2.605	94	194171	60.227	ug/l	96
6) Chloroethane	2.745	64	160268	65.048	ug/l	98
7) Trichlorofluoromethane	3.068	101	216108	53.896	ug/l	95
8) Diethyl Ether	3.470	74	48567	50.471	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	96945	55.692	ug/l	98
10) Methyl Iodide	4.019	142	112522	55.849	ug/l	99
11) Tert butyl alcohol	4.885	59	30628	227.243	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	93099	53.894	ug/l	96
13) Acrolein	3.665	56	21575	109.497	ug/l	98
14) Allyl chloride	4.397	41	143029	47.221	ug/l	94
15) Acrylonitrile	5.074	53	96693	243.864	ug/l	100
16) Acetone	3.879	43	77883	235.333	ug/l	99
17) Carbon Disulfide	4.117	76	291563	51.759	ug/l	98
18) Methyl Acetate	4.403	43	49022	46.981	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	245795	51.604	ug/l	96
20) Methylene Chloride	4.629	84	99182	46.380	ug/l	95
21) trans-1,2-Dichloroethene	5.135	96	101691	53.333	ug/l	91
22) Diisopropyl ether	6.031	45	310912	48.607	ug/l	97
23) Vinyl Acetate	5.976	43	899140	232.677	ug/l	98
24) 1,1-Dichloroethane	5.927	63	186582	52.212	ug/l	98
25) 2-Butanone	6.909	43	124712	225.284	ug/l	99
26) 2,2-Dichloropropane	6.896	77	172279	54.202	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	119734	54.417	ug/l	97
28) Bromochloromethane	7.256	49	79145	51.923	ug/l	94
29) Tetrahydrofuran	7.274	42	80994	227.418	ug/l	94
30) Chloroform	7.433	83	186842	54.509	ug/l	99
31) Cyclohexane	7.713	56	173130	48.489	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	170179	54.115	ug/l	99
36) 1,1-Dichloropropene	7.848	75	141766	52.597	ug/l	98
37) Ethyl Acetate	6.994	43	57919	44.661	ug/l	96
38) Carbon Tetrachloride	7.829	117	150177	53.827	ug/l	98
39) Methylcyclohexane	9.122	83	190360	52.569	ug/l	94
40) Benzene	8.091	78	424335	53.106	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	29713	34.540	ug/l #	74
42) 1,2-Dichloroethane	8.171	62	108617	50.267	ug/l	100
43) Isopropyl Acetate	8.207	43	128391	45.395	ug/l #	85
44) Trichloroethene	8.878	130	105676	53.190	ug/l	98
45) 1,2-Dichloropropane	9.152	63	99132	51.460	ug/l	95
46) Dibromomethane	9.238	93	53943	51.917	ug/l	99
47) Bromodichloromethane	9.433	83	140915	52.278	ug/l	100
48) Methyl methacrylate	9.231	41	58854	44.496	ug/l	93
49) 1,4-Dioxane	9.238	88	11678	994.901	ug/l	88
51) 4-Methyl-2-Pentanone	10.006	43	315171	227.107	ug/l	96
52) Toluene	10.176	92	268178	53.002	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	131043	49.816	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	154811	51.367	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	67471	50.711	ug/l	98
56) Ethyl methacrylate	10.445	69	101892	49.163	ug/l	95
57) 1,3-Dichloropropane	10.725	76	121474	51.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	247160	265.693	ug/l	97
59) 2-Hexanone	10.768	43	206922	222.384	ug/l	95
60) Dibromochloromethane	10.920	129	90531	52.423	ug/l	99
61) 1,2-Dibromoethane	11.024	107	64690	52.166	ug/l	100
64) Tetrachloroethene	10.652	164	118077	54.305	ug/l	97
65) Chlorobenzene	11.451	112	280913	52.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	94462	51.774	ug/l	99
67) Ethyl Benzene	11.524	91	525554	52.876	ug/l	99
68) m/p-Xylenes	11.633	106	399310	106.617	ug/l	96
69) o-Xylene	11.963	106	186099	52.518	ug/l	96
70) Styrene	11.975	104	311800	52.163	ug/l	98
71) Bromoform	12.139	173	49753	50.521	ug/l #	98
73) Isopropylbenzene	12.261	105	490162	53.502	ug/l	100
74) N-amyl acetate	12.078	43	119696	45.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	72647	51.561	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	104895	93.627	ug/l #	100
77) Bromobenzene	12.542	156	102872	52.574	ug/l	97
78) n-propylbenzene	12.603	91	595455	53.885	ug/l	100
79) 2-Chlorotoluene	12.688	91	318579	52.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	390755	52.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	25898	46.827	ug/l	96
82) 4-Chlorotoluene	12.786	91	325243	52.070	ug/l	99
83) tert-Butylbenzene	13.005	119	353926	53.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	389894	53.109	ug/l	100
85) sec-Butylbenzene	13.182	105	534707	54.800	ug/l	100
86) p-Isopropyltoluene	13.298	119	450850	54.938	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	212275	53.142	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	202502	52.704	ug/l	99
89) n-Butylbenzene	13.621	91	429840	55.365	ug/l	100
90) Hexachloroethane	13.883	117	87959	53.097	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	176961	52.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11556	50.863	ug/l	93
93) 1,2,4-Trichlorobenzene	14.926	180	103673	53.492	ug/l	98
94) Hexachlorobutadiene	15.029	225	57263	52.980	ug/l	99
95) Naphthalene	15.151	128	187535	50.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	86200	52.428	ug/l	99

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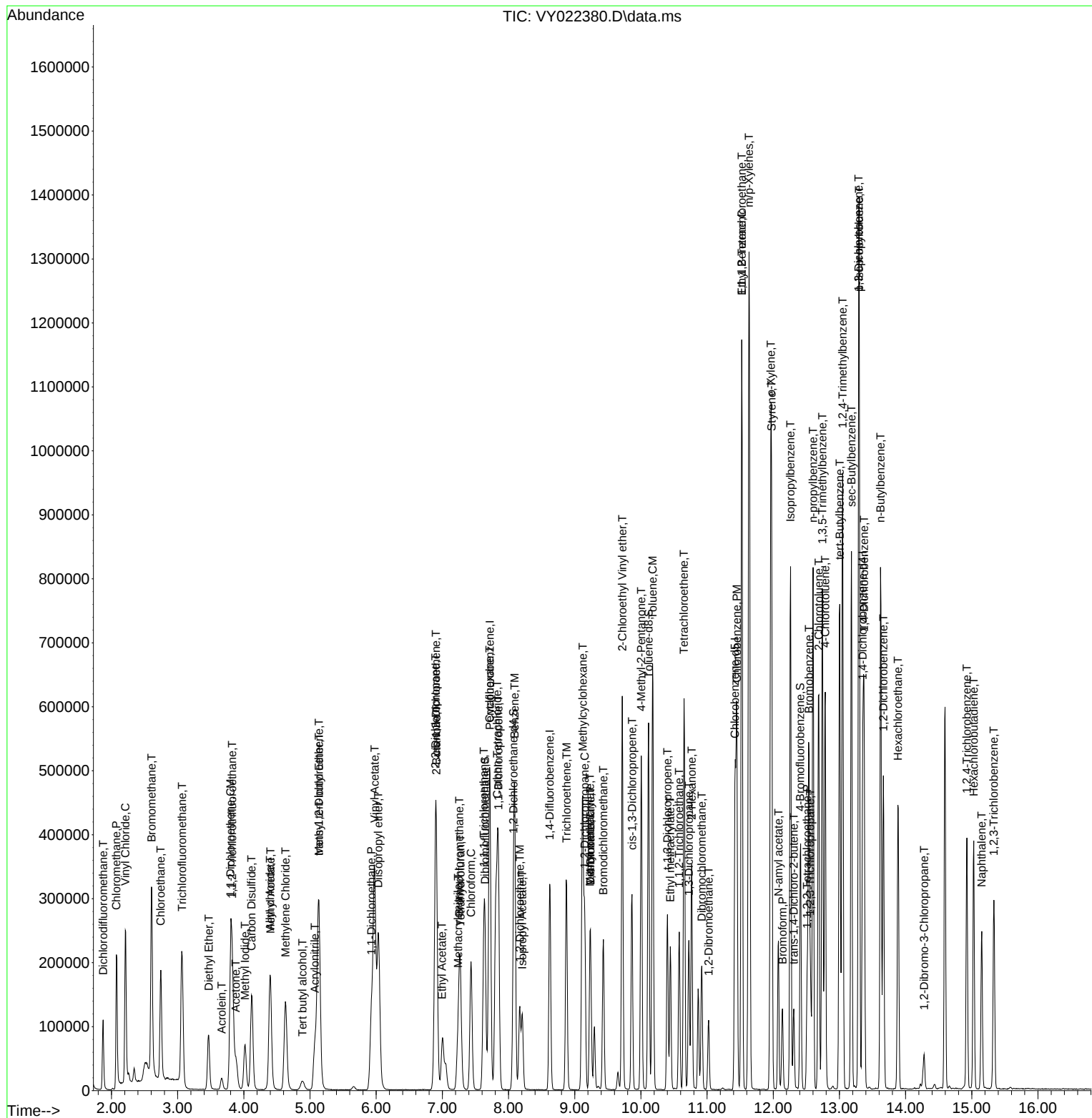
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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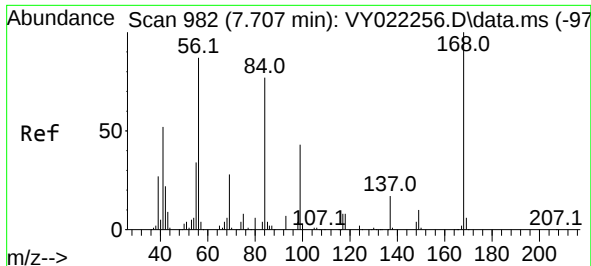
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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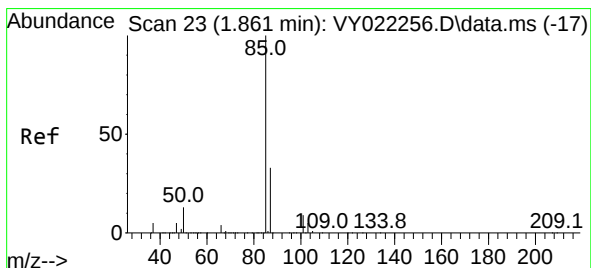
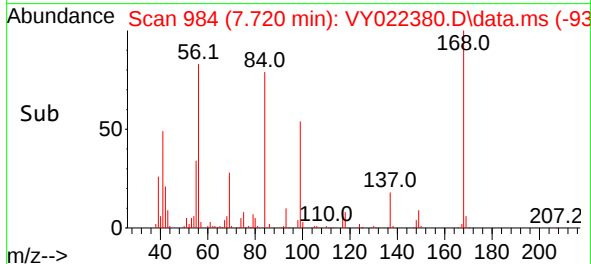
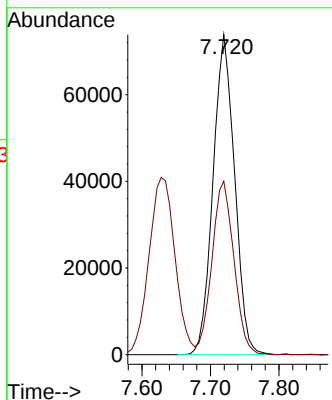
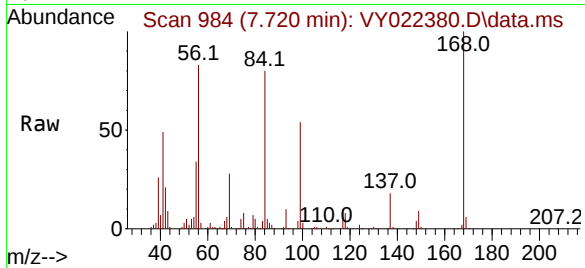




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
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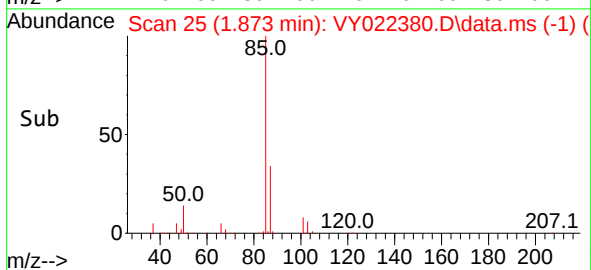
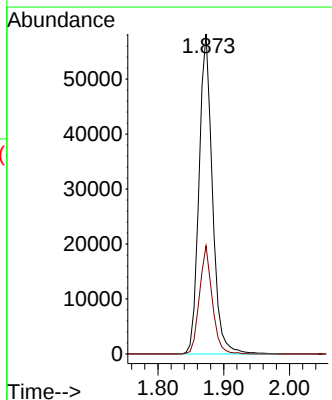
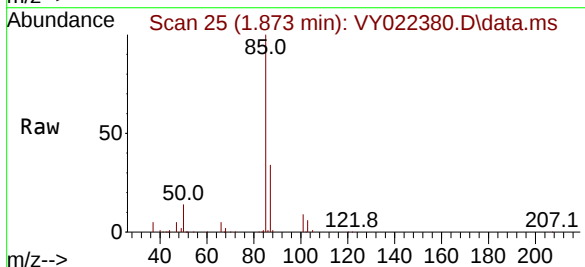
Instrument :
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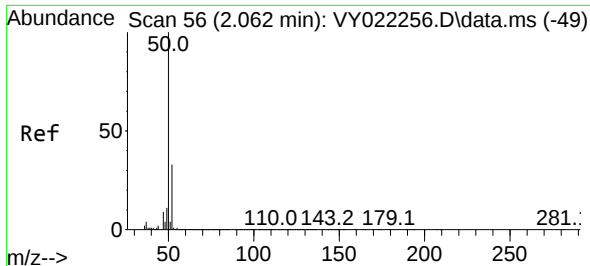
Tgt Ion:168 Resp: 161495
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 49.047 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 85 Resp: 82650
Ion Ratio Lower Upper
85 100
87 33.8 16.5 49.5

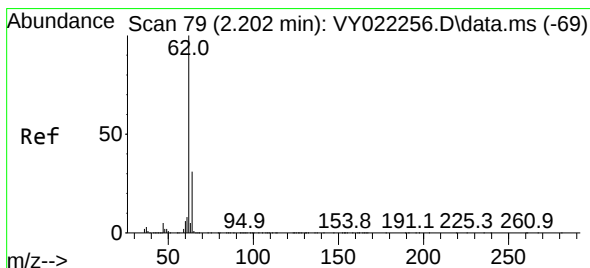
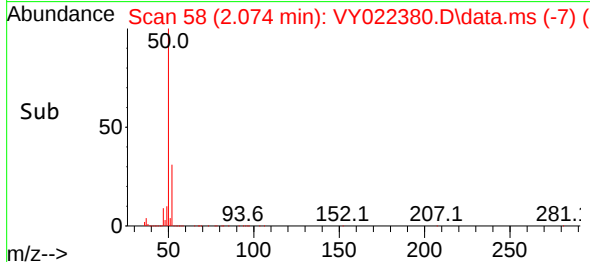
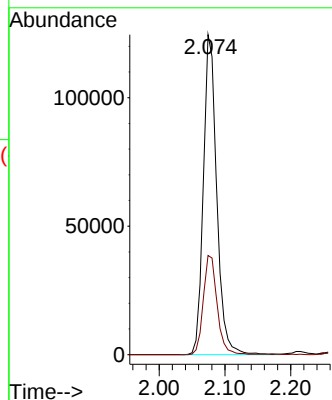
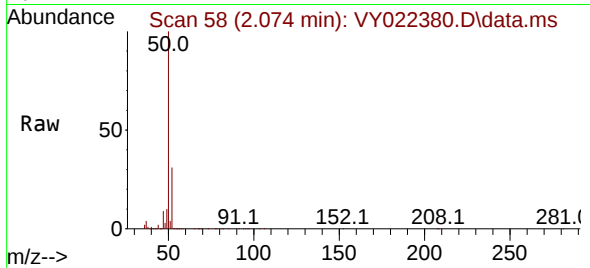




#3
Chloromethane
Concen: 49.773 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

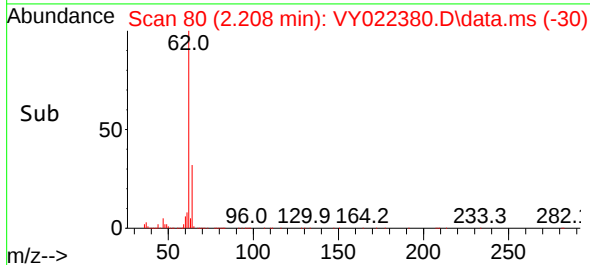
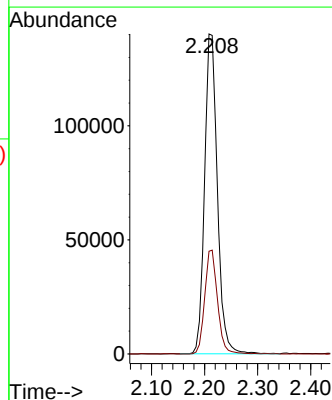
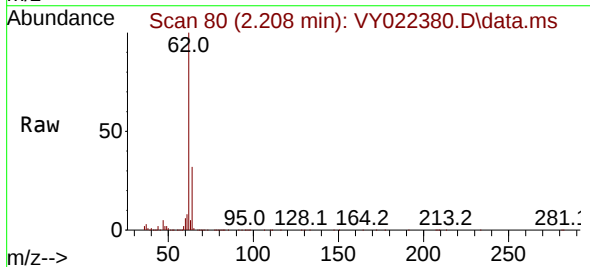
Instrument :
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Tgt Ion: 50 Resp: 176433
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7



#4
Vinyl Chloride
Concen: 59.188 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 62 Resp: 234408
Ion Ratio Lower Upper
62 100
64 32.1 24.5 36.7

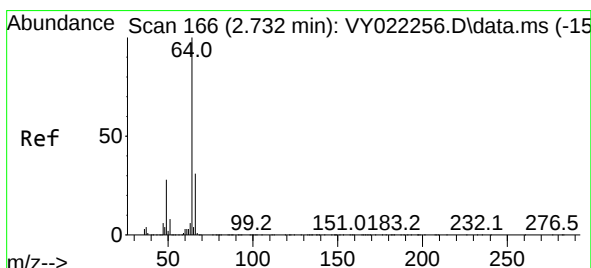
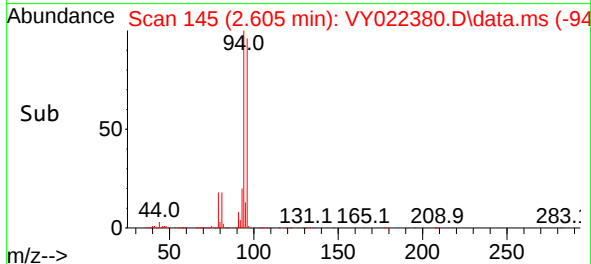
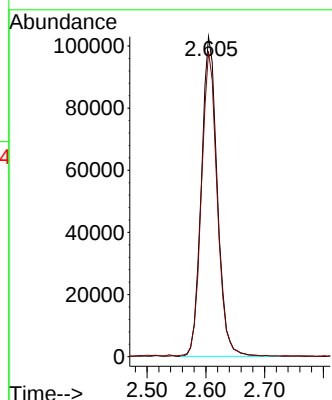
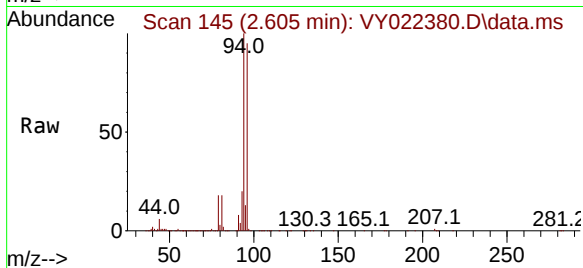




#5
Bromomethane
Concen: 60.227 ug/l
RT: 2.605 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY022380.D
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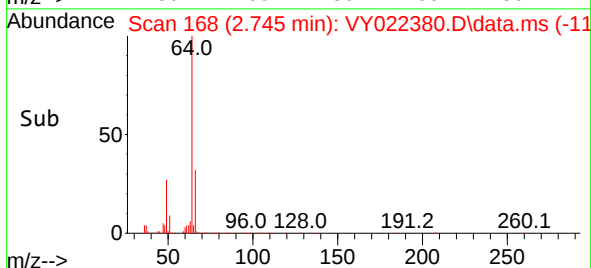
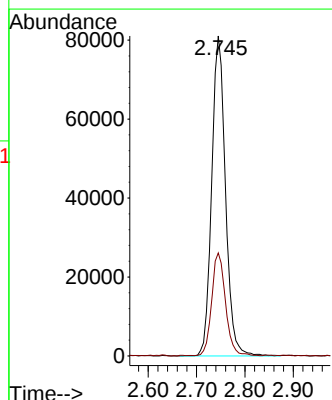
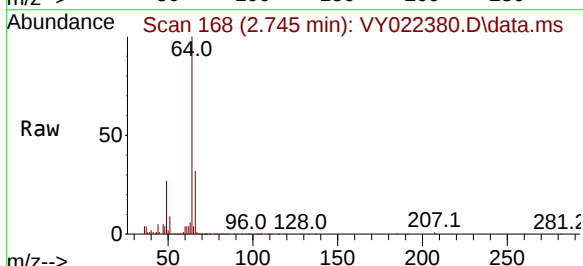
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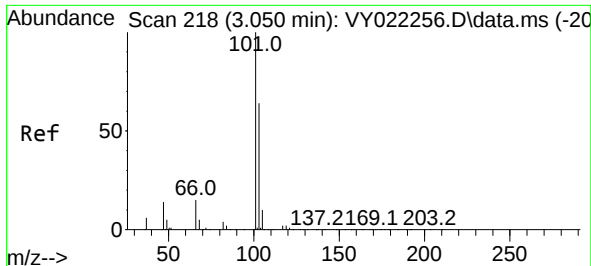
Tgt Ion: 94 Resp: 194171
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.0



#6
Chloroethane
Concen: 65.048 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 160268
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2

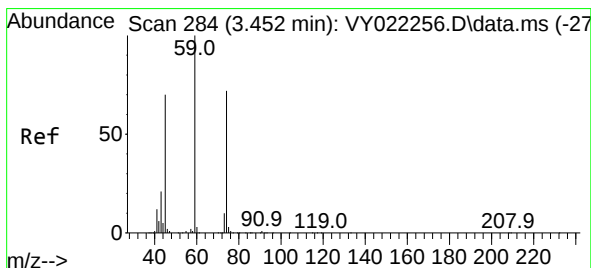
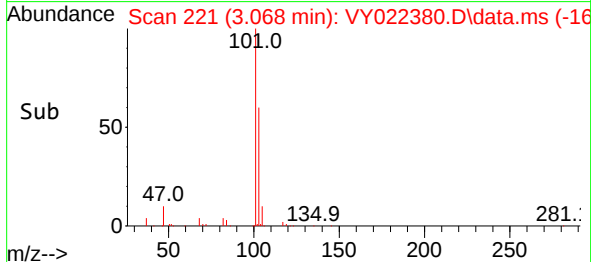
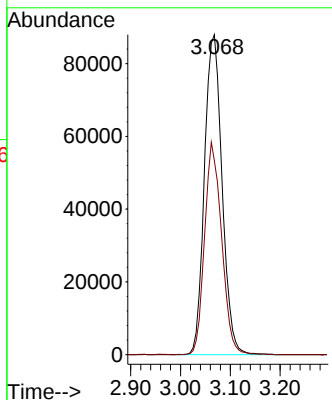
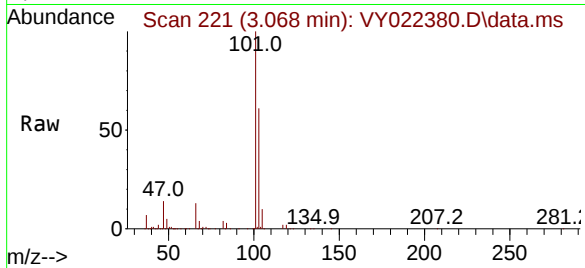




#7
 Trichlorofluoromethane
 Concen: 53.896 ug/l
 RT: 3.068 min Scan# 218
 Delta R.T. 0.018 min
 Lab File: VY022380.D
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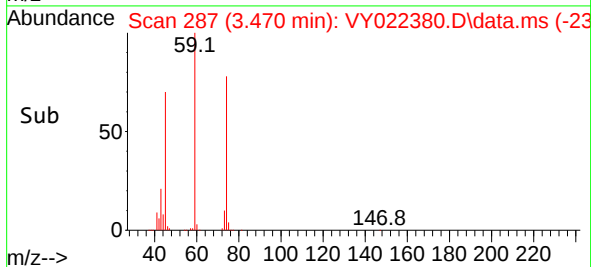
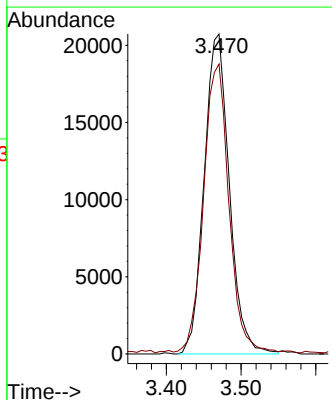
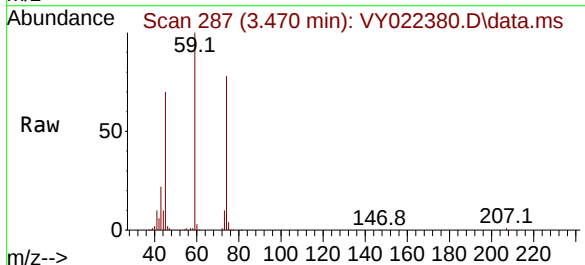
Instrument :
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Tgt Ion:101 Resp: 216108
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 50.471 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.018 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

Tgt Ion: 74 Resp: 48567
 Ion Ratio Lower Upper
 74 100
 45 91.3 48.6 145.8

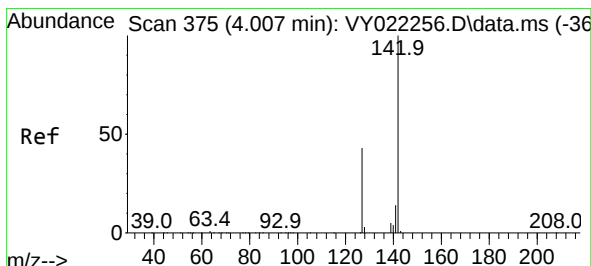
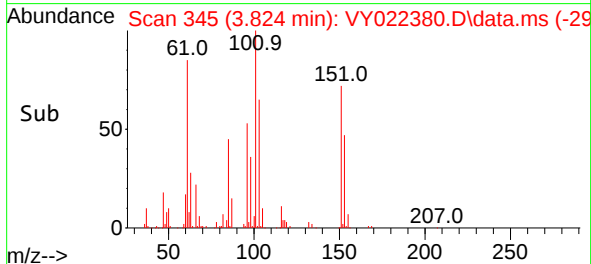
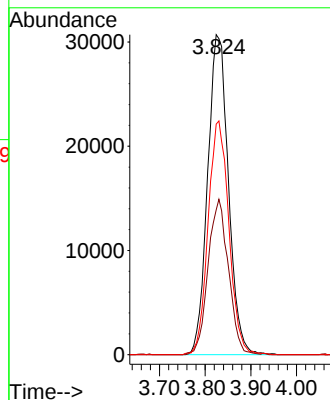
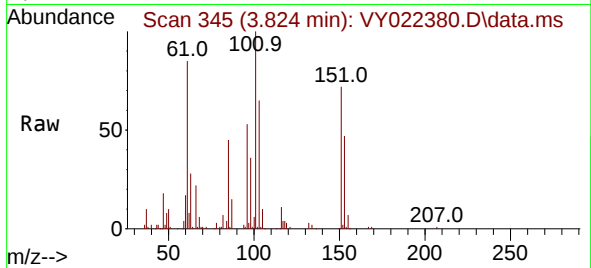




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.692 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

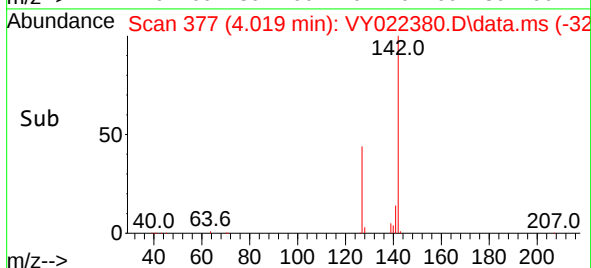
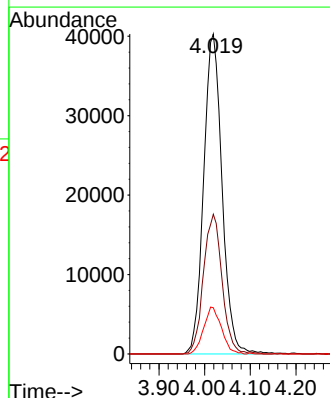
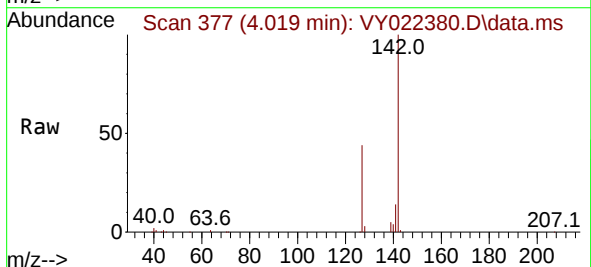
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

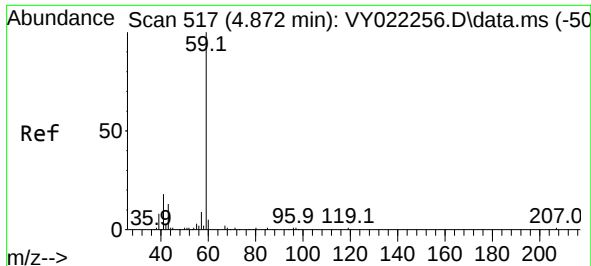
Tgt Ion:101 Resp: 96945
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 73.1 59.7 89.5



#10
Methyl Iodide
Concen: 55.849 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:142 Resp: 112522
Ion Ratio Lower Upper
142 100
127 44.3 35.7 53.5
141 14.1 11.1 16.7

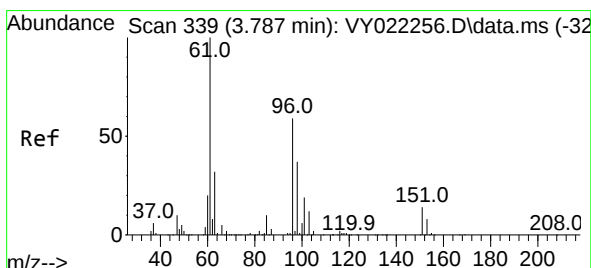
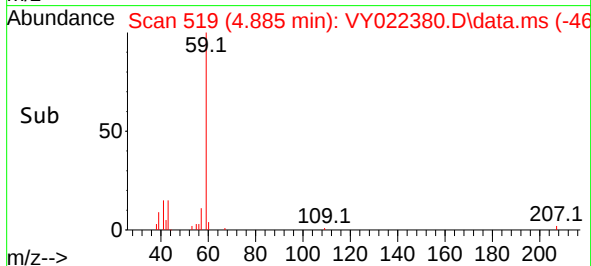
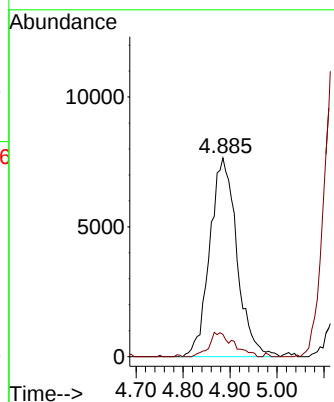
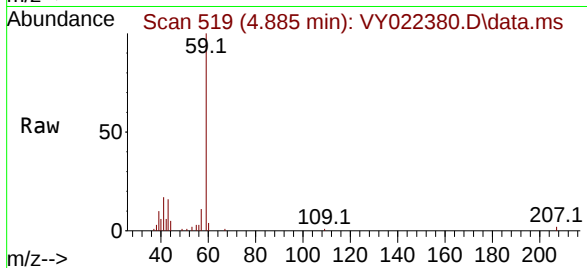




#11
Tert butyl alcohol
Concen: 227.243 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

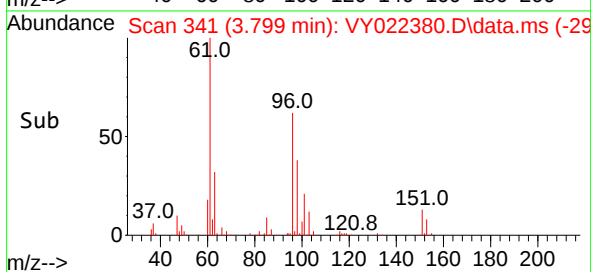
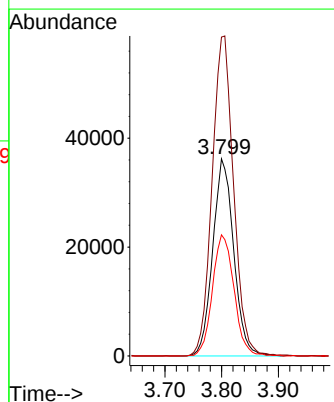
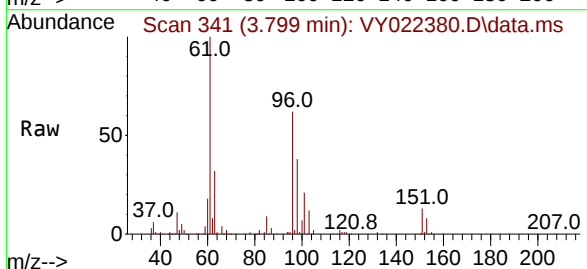
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

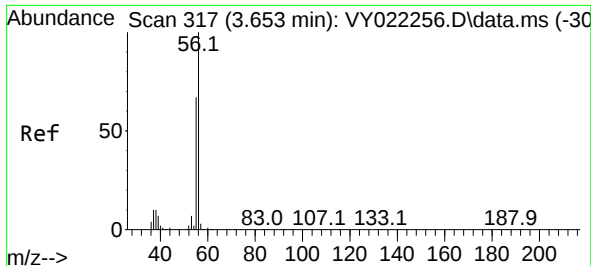
Tgt Ion: 59 Resp: 30628
Ion Ratio Lower Upper
59 100
57 11.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.894 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 96 Resp: 93099
Ion Ratio Lower Upper
96 100
61 161.7 134.9 202.3
98 61.5 49.9 74.9

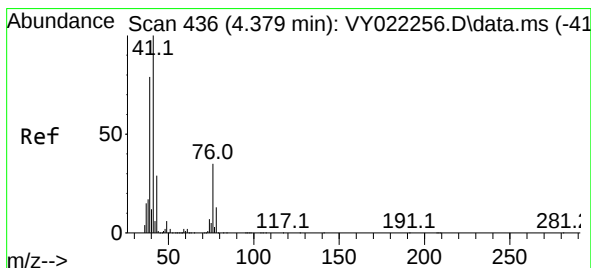
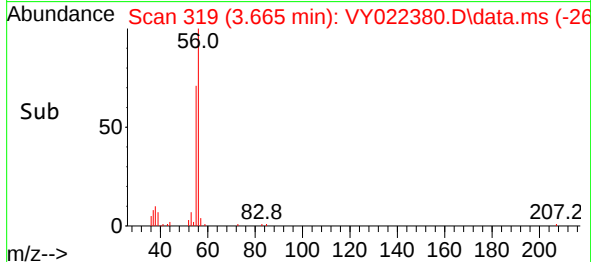
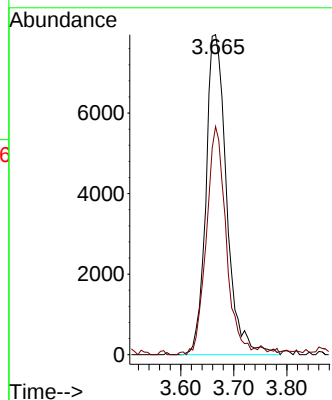
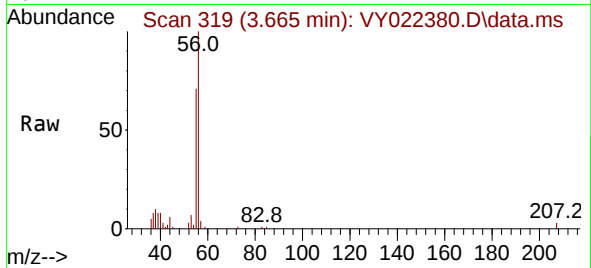




#13
Acrolein
Concen: 109.497 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

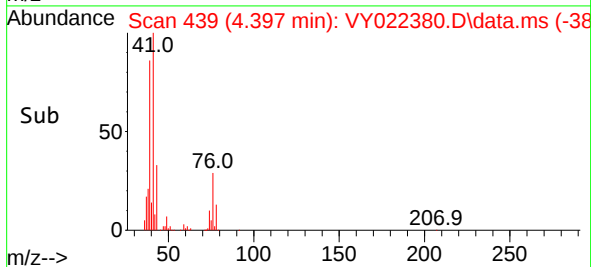
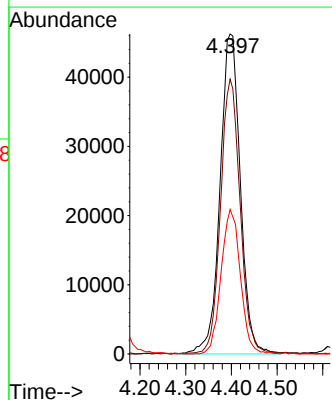
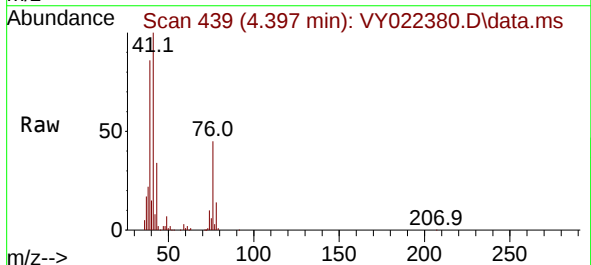
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

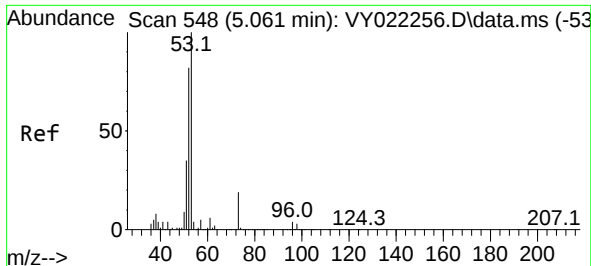
Tgt Ion: 56 Resp: 21575
Ion Ratio Lower Upper
56 100
55 68.2 55.6 83.4



#14
Allyl chloride
Concen: 47.221 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 41 Resp: 143029
Ion Ratio Lower Upper
41 100
39 83.0 63.4 95.0
76 42.9 29.5 44.3

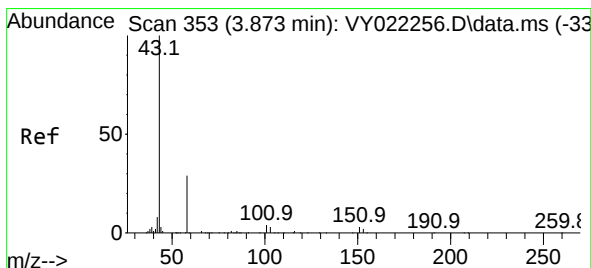
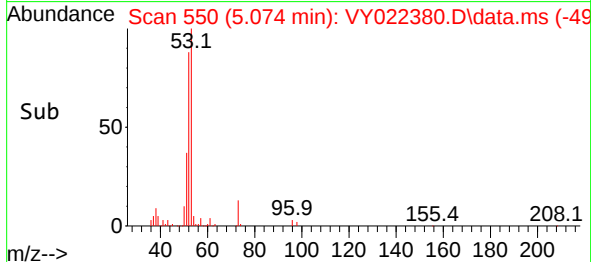
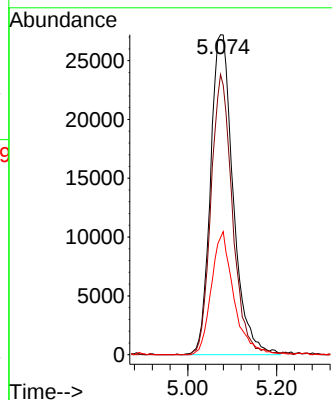
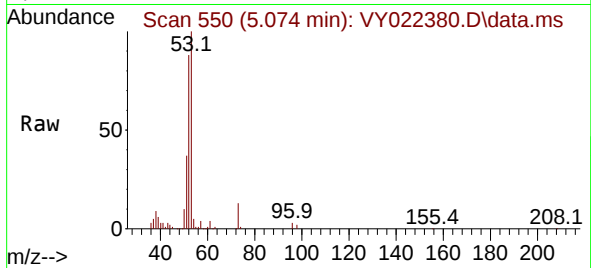




#15
Acrylonitrile
Concen: 243.864 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

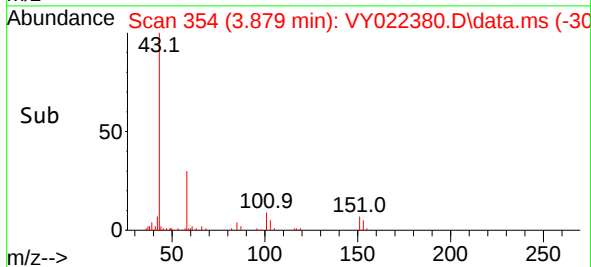
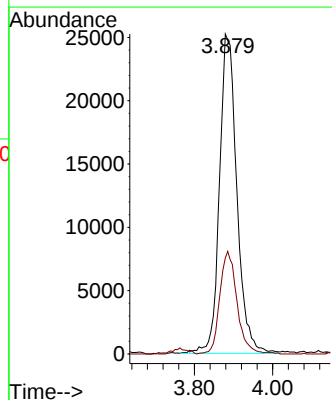
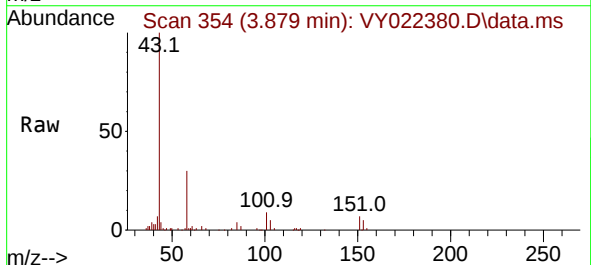
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 96693
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 37.8 30.0 45.0



#16
Acetone
Concen: 235.333 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 43 Resp: 77883
Ion Ratio Lower Upper
43 100
58 30.1 23.6 35.4

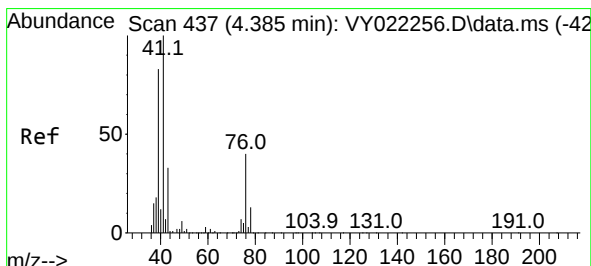
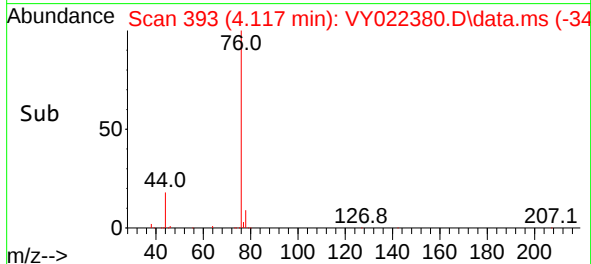
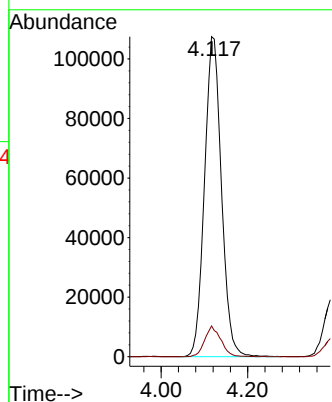
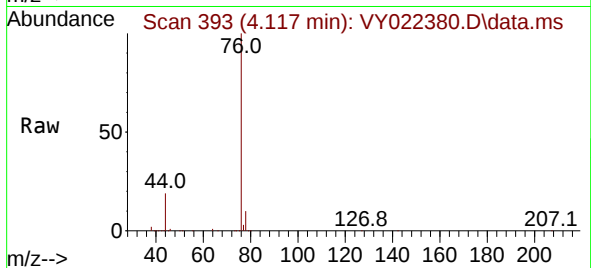




#17
Carbon Disulfide
Concen: 51.759 ug/l
RT: 4.117 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

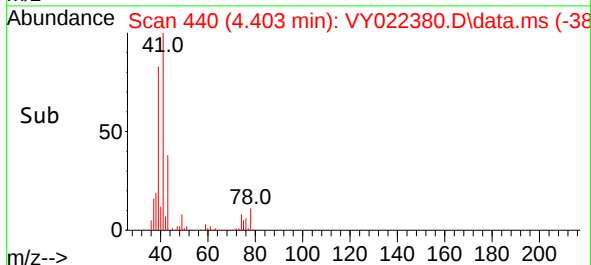
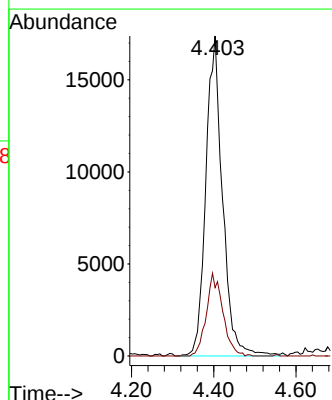
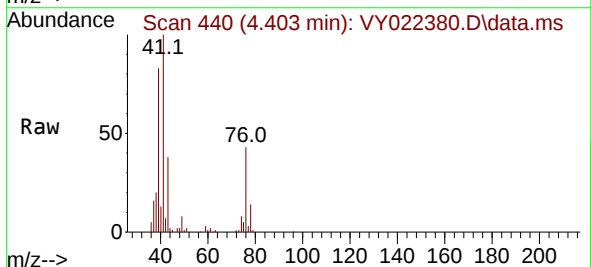
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

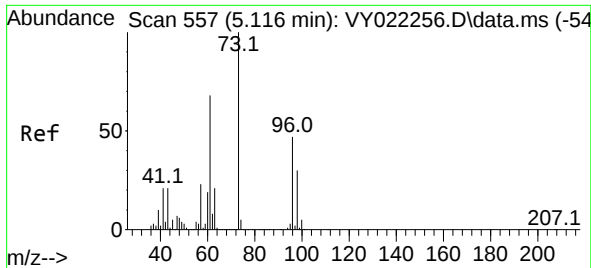
Tgt Ion: 76 Resp: 291563
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 46.981 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 43 Resp: 49022
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4

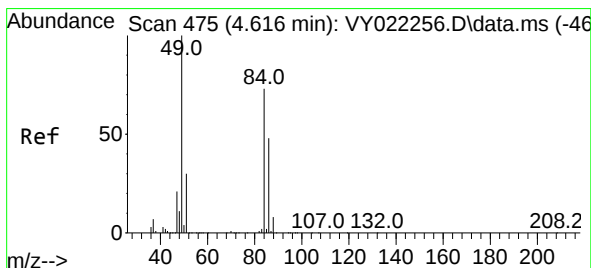
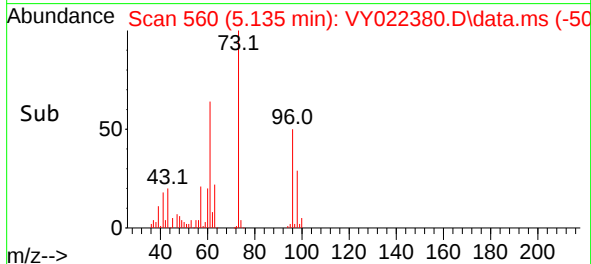
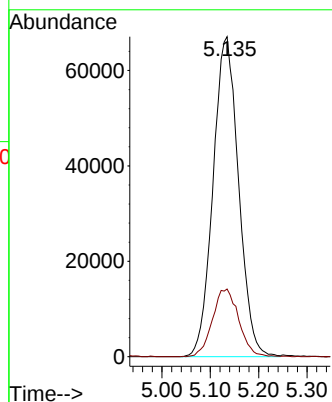
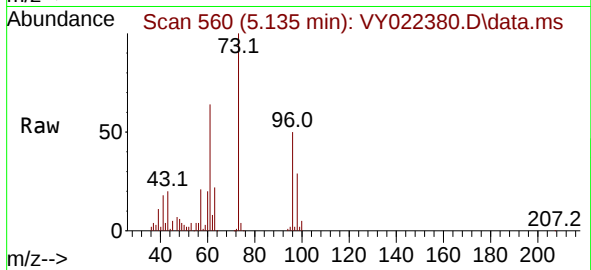




#19
Methyl tert-butyl Ether
Concen: 51.604 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

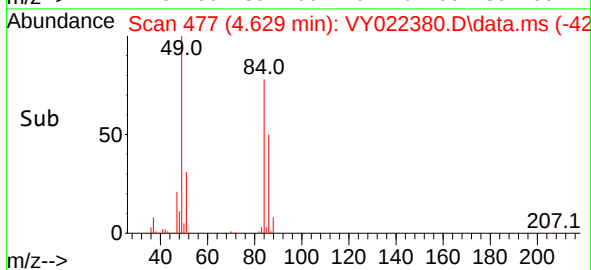
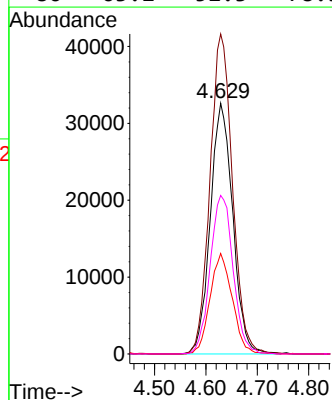
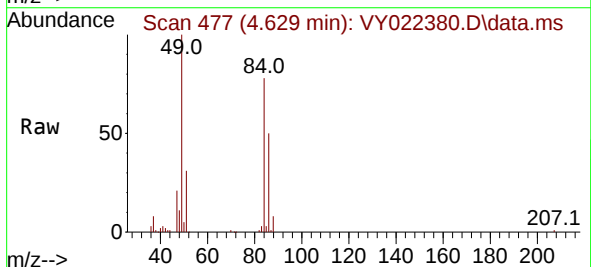
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 245795
Ion Ratio Lower Upper
73 100
57 21.2 18.6 28.0



#20
Methylene Chloride
Concen: 46.380 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 84 Resp: 99182
Ion Ratio Lower Upper
84 100
49 127.6 109.6 164.4
51 40.1 32.4 48.6
86 63.2 52.3 78.5

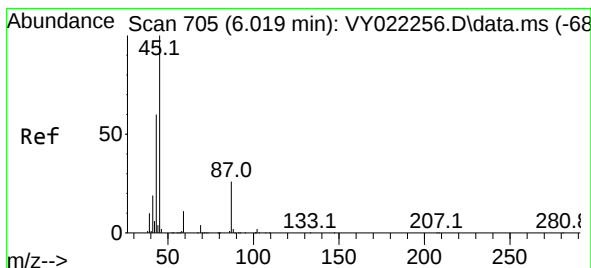
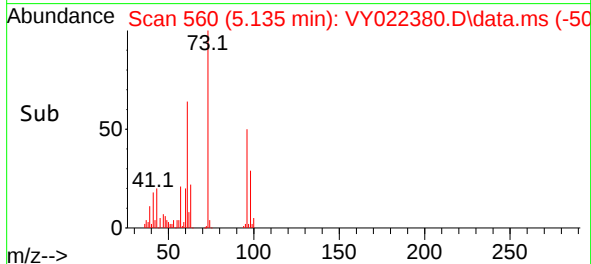
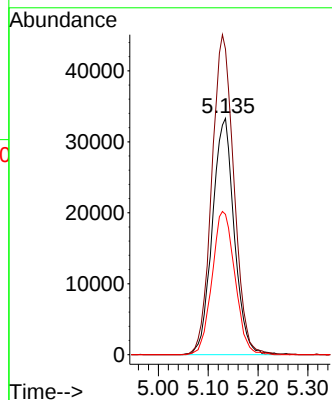
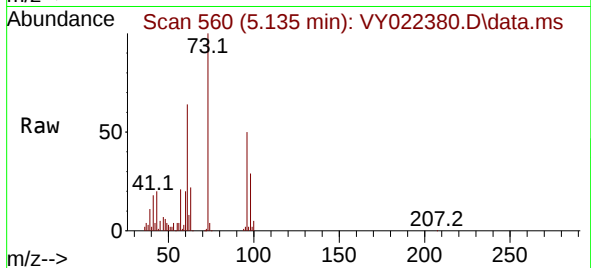




#21
trans-1,2-Dichloroethene
Concen: 53.333 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

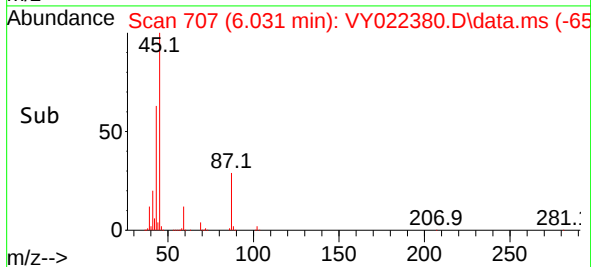
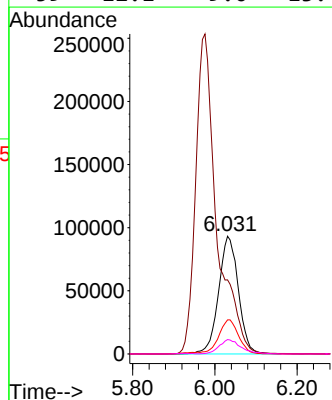
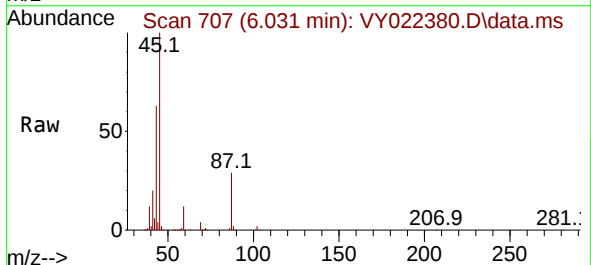
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 101691
Ion Ratio Lower Upper
96 100
61 129.3 113.4 170.0
98 59.4 50.9 76.3



#22
Diisopropyl ether
Concen: 48.607 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 45 Resp: 310912
Ion Ratio Lower Upper
45 100
43 62.4 48.2 72.2
87 28.9 21.4 32.0
59 12.1 9.0 13.4

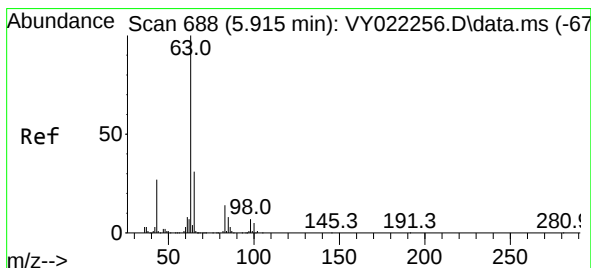
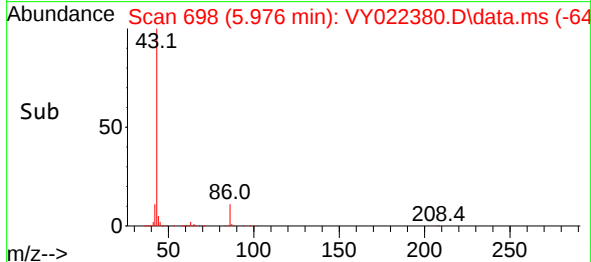
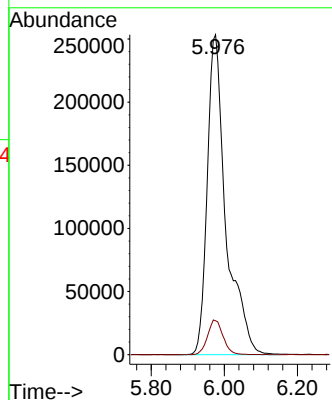
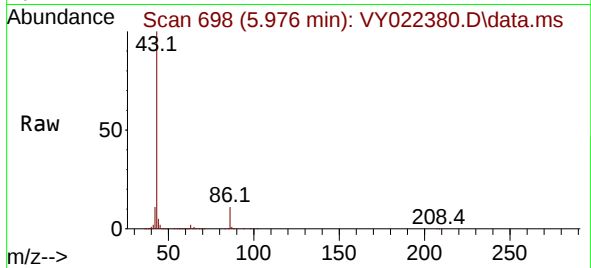




#23
 Vinyl Acetate
 Concen: 232.677 ug/l
 RT: 5.976 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

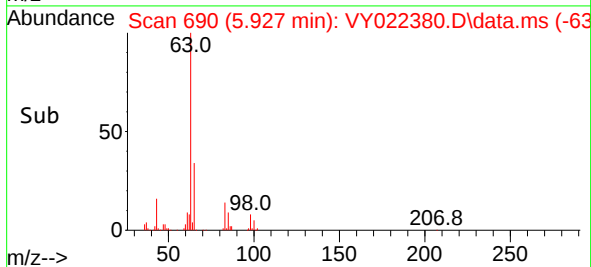
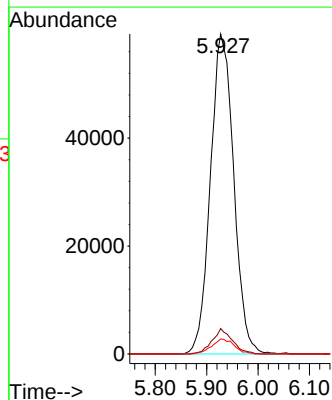
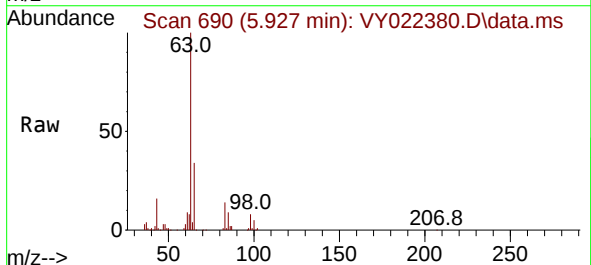
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

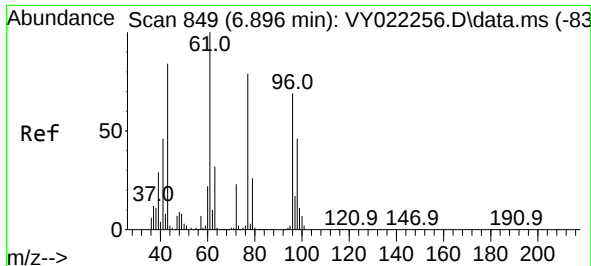
Tgt Ion: 43 Resp: 899140
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.212 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

Tgt Ion: 63 Resp: 186582
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 225.284 ug/l

RT: 6.909 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

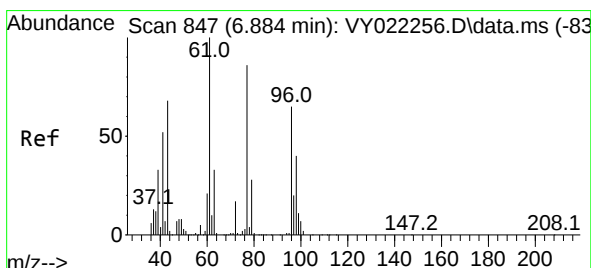
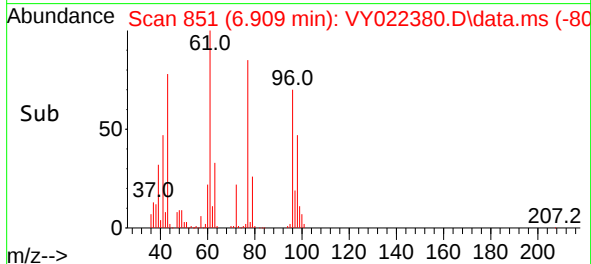
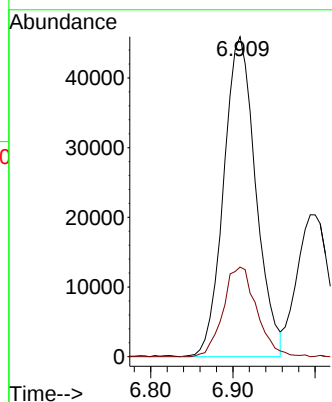
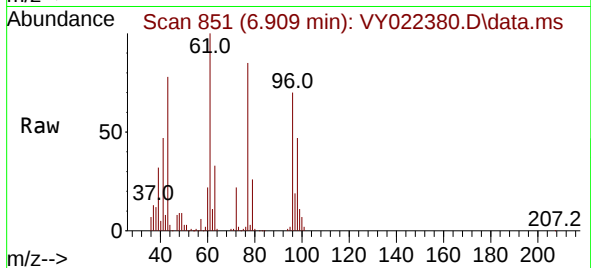
VSTDCCC050

Tgt Ion: 43 Resp: 124712

Ion Ratio Lower Upper

43 100

72 28.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 54.202 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022380.D

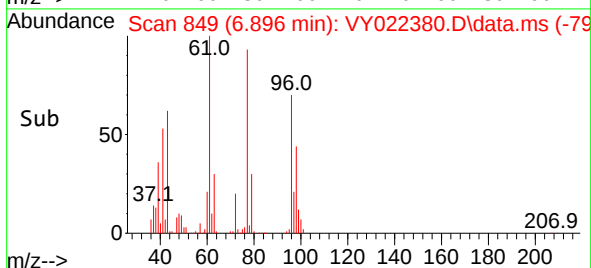
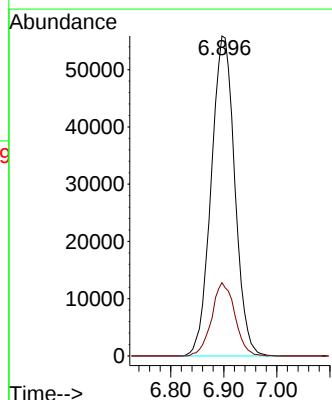
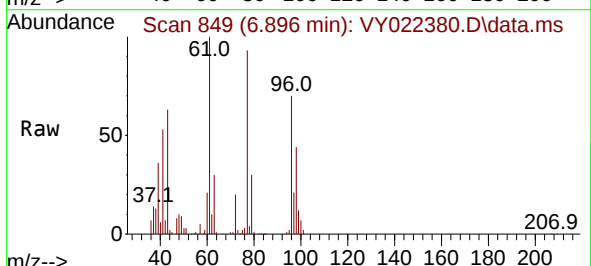
Acq: 22 May 2025 08:35

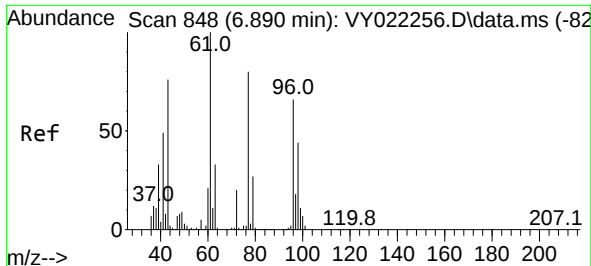
Tgt Ion: 77 Resp: 172279

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5

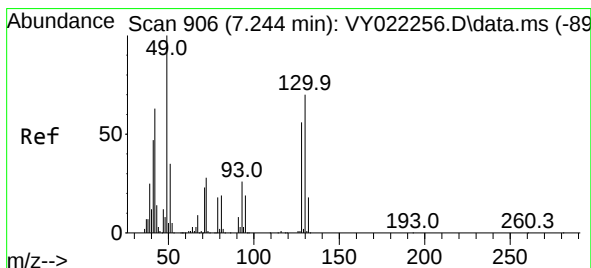
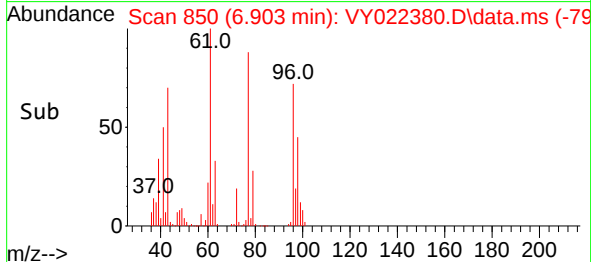
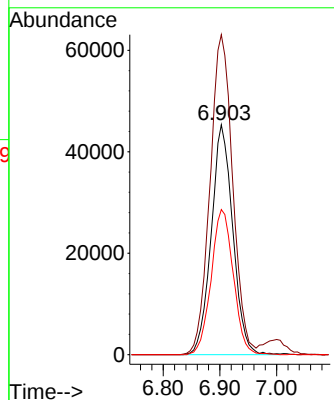
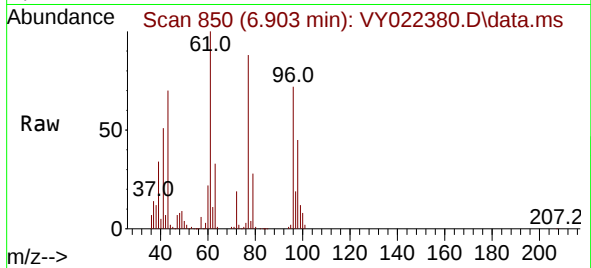




#27
 cis-1,2-Dichloroethene
 Concen: 54.417 ug/l
 RT: 6.903 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

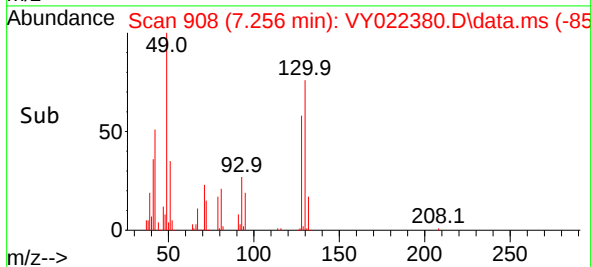
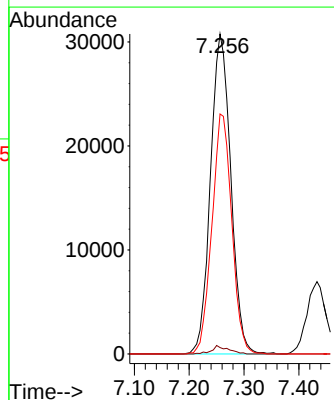
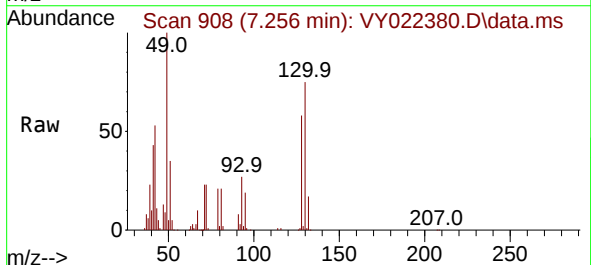
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

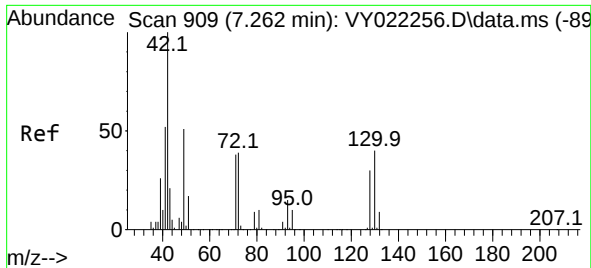
Tgt Ion: 96 Resp: 119734
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 302.6
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.923 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

Tgt Ion: 49 Resp: 79145
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 73.2 54.7 82.1

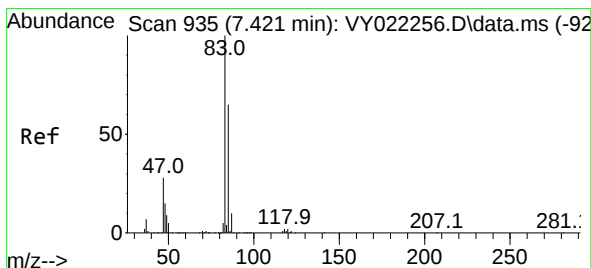
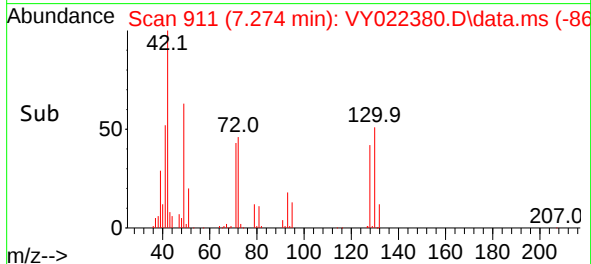
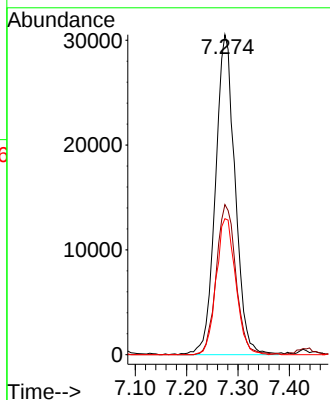
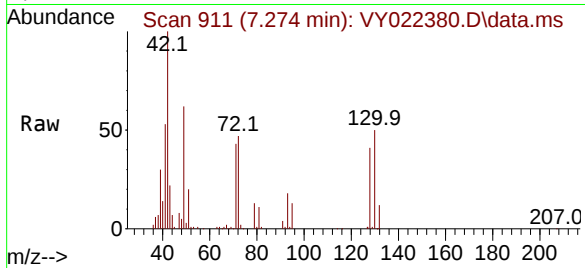




#29
Tetrahydrofuran
Concen: 227.418 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

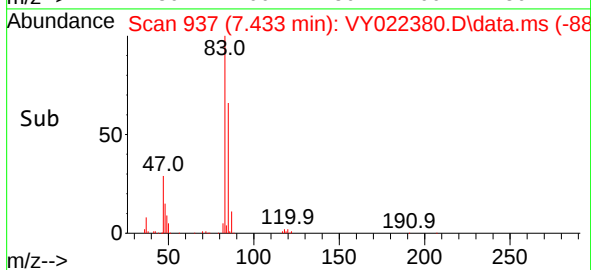
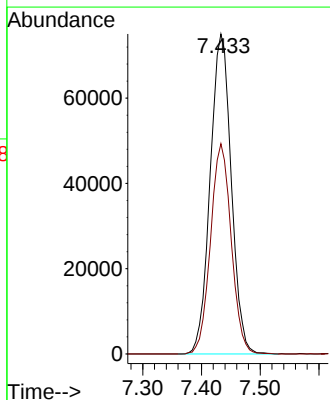
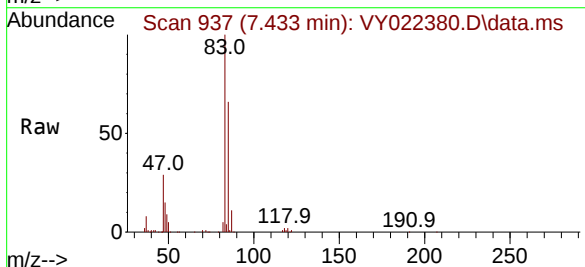
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

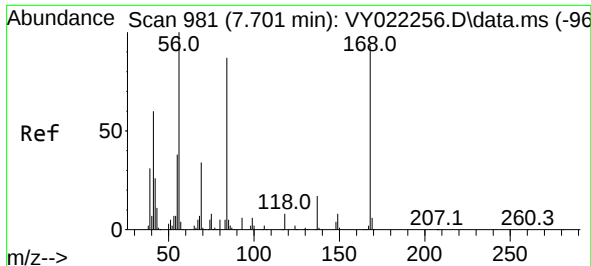
Tgt Ion: 42 Resp: 80994
Ion Ratio Lower Upper
42 100
72 47.2 33.8 50.6
71 42.5 31.5 47.3



#30
Chloroform
Concen: 54.509 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 83 Resp: 186842
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8

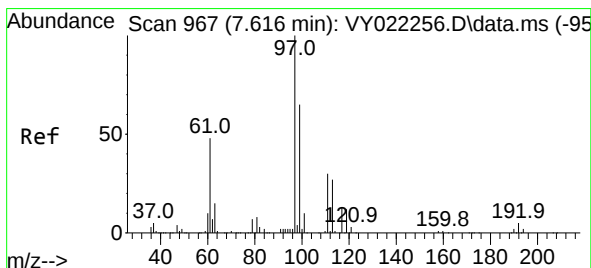
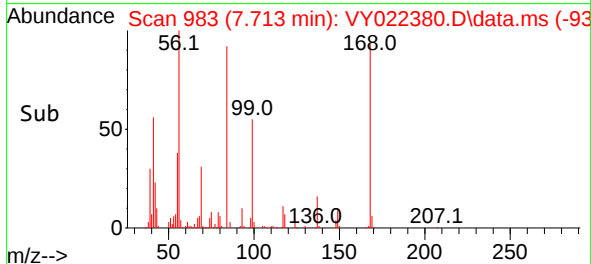
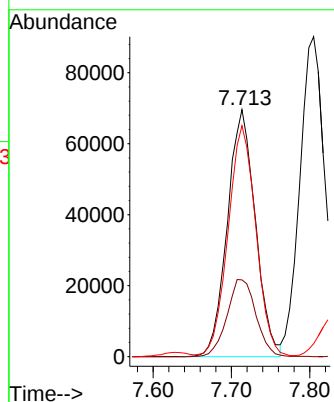
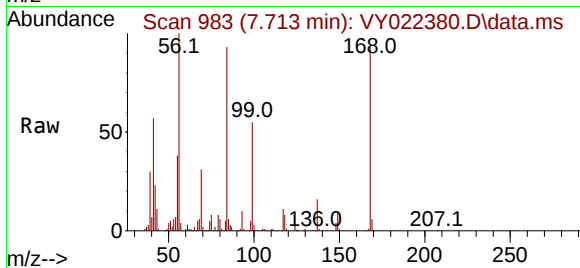




#31
Cyclohexane
Concen: 48.489 ug/l
RT: 7.713 min Scan# 913
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

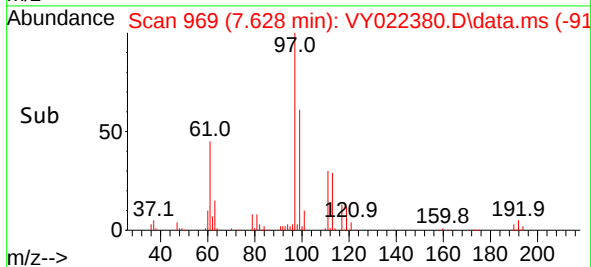
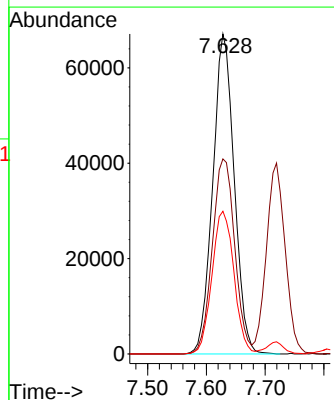
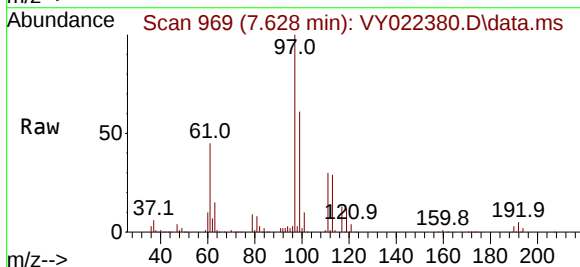
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

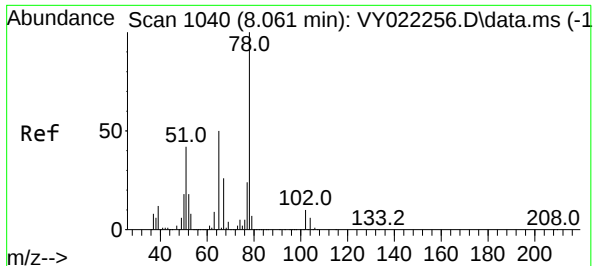
Tgt Ion: 56 Resp: 173130
Ion Ratio Lower Upper
56 100
69 31.1 27.4 41.2
84 91.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 54.115 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 97 Resp: 170179
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.9 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.370 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

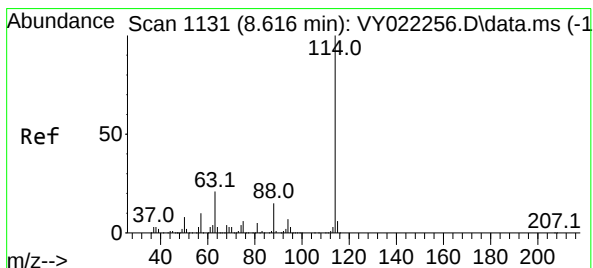
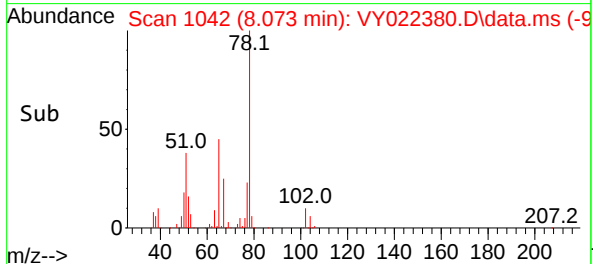
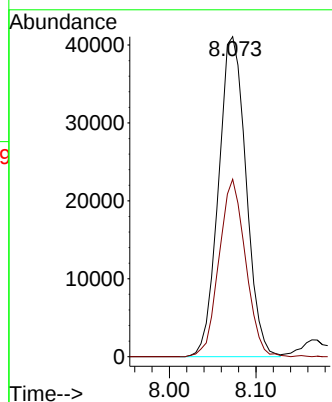
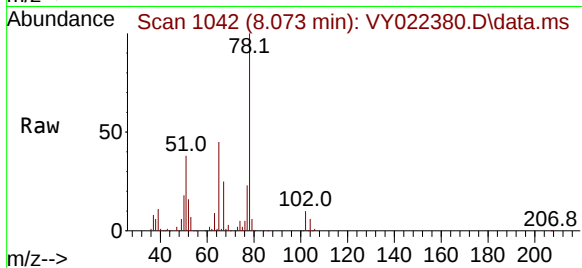
VSTDCCC050

Tgt Ion: 65 Resp: 90668

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

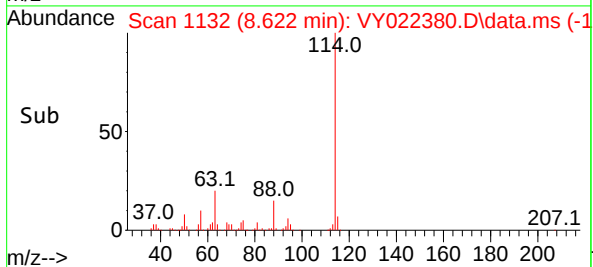
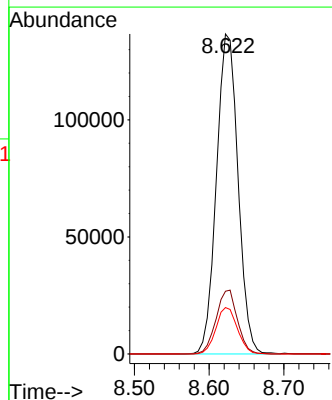
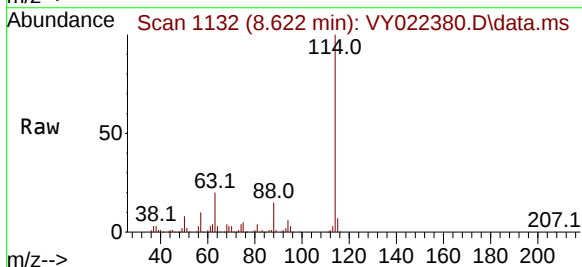
Tgt Ion: 114 Resp: 274168

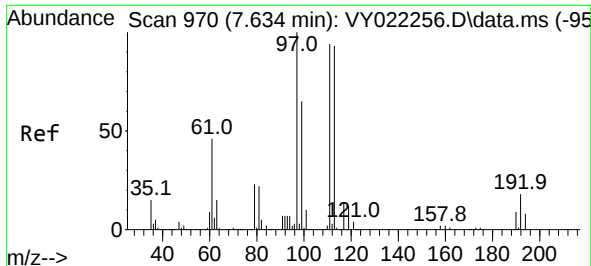
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 14.5 0.0 29.4

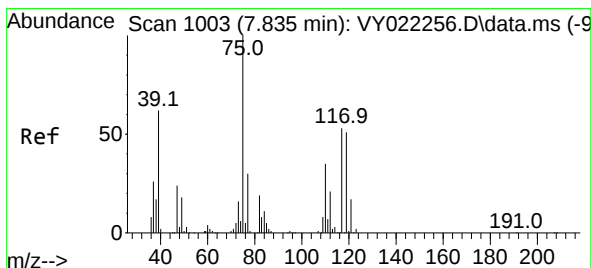
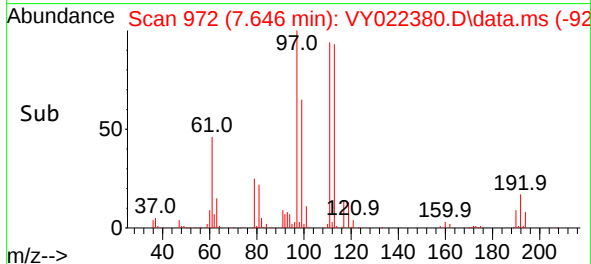
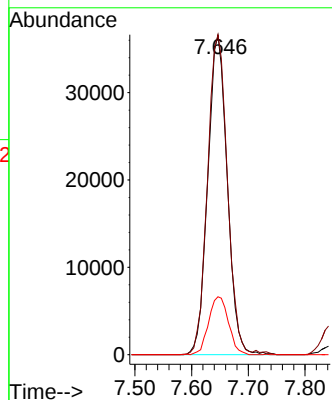
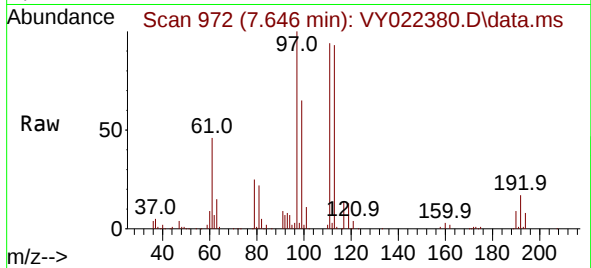




#35
Dibromofluoromethane
Concen: 53.337 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

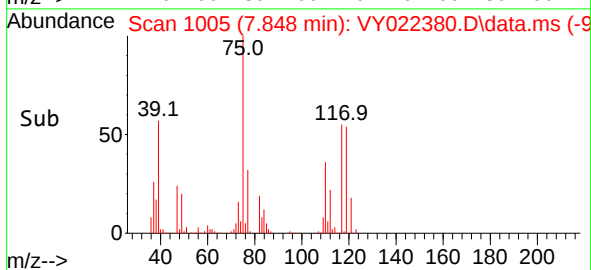
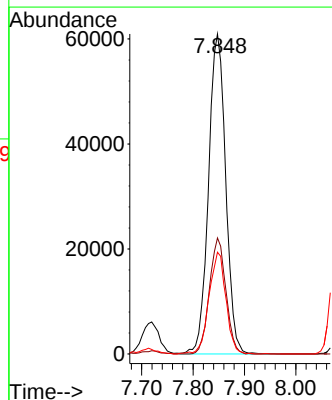
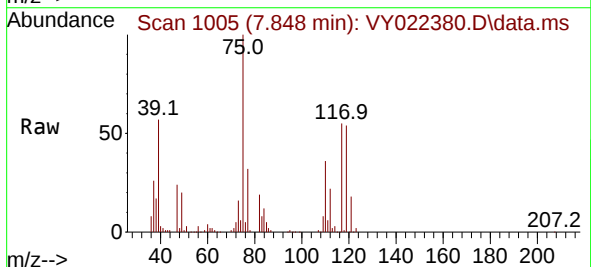
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

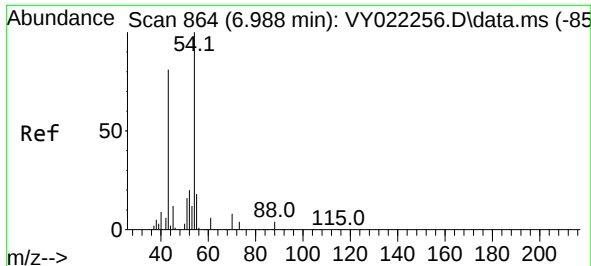
Tgt Ion:113 Resp: 87280
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 52.597 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 75 Resp: 141766
Ion Ratio Lower Upper
75 100
110 34.7 16.6 49.8
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 44.661 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

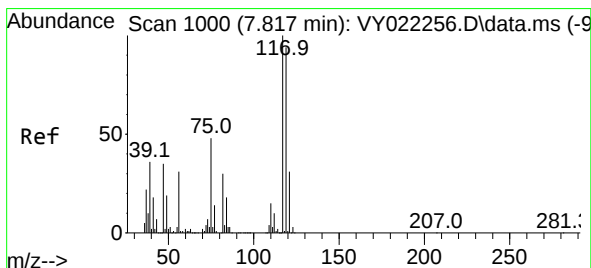
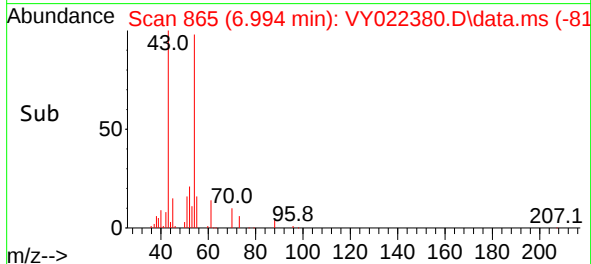
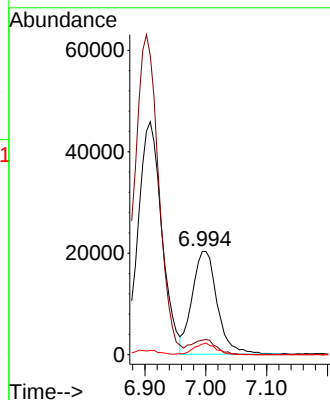
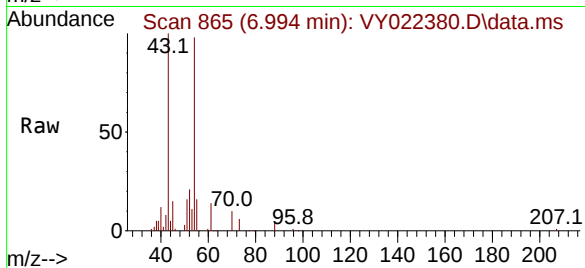
Tgt Ion: 43 Resp: 57919

Ion Ratio Lower Upper

43 100

61 14.9 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 53.827 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

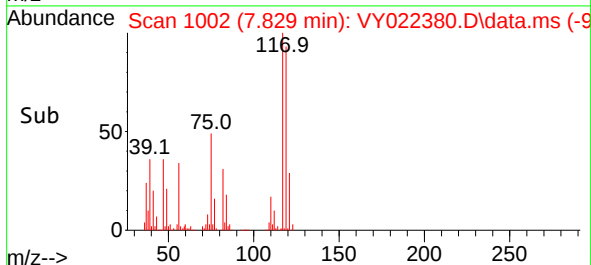
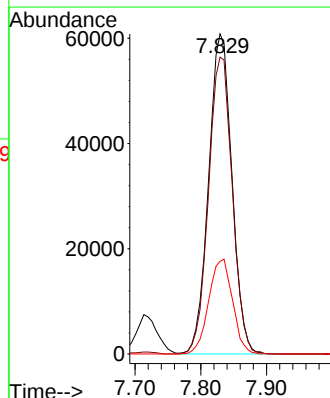
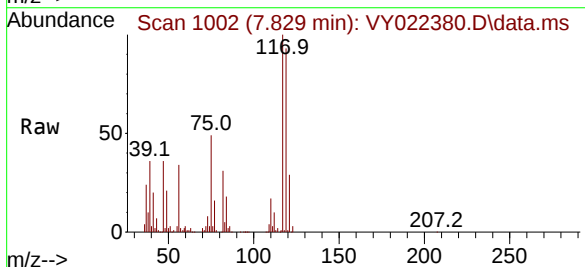
Tgt Ion: 117 Resp: 150177

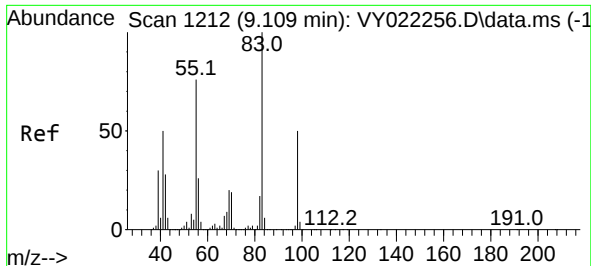
Ion Ratio Lower Upper

117 100

119 92.7 75.3 112.9

121 29.0 24.7 37.1

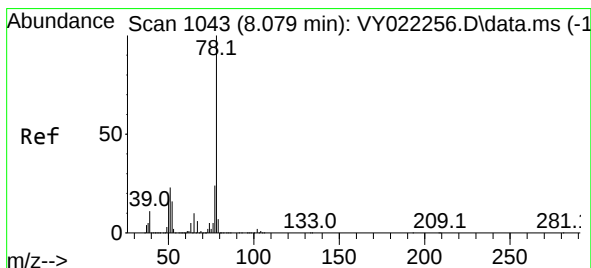
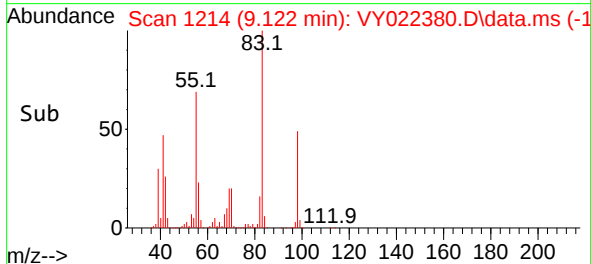
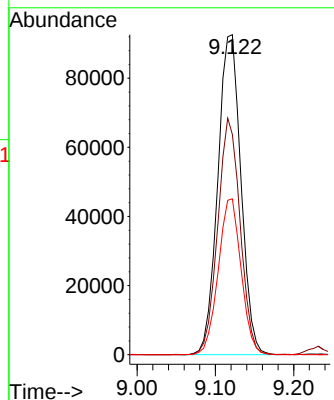
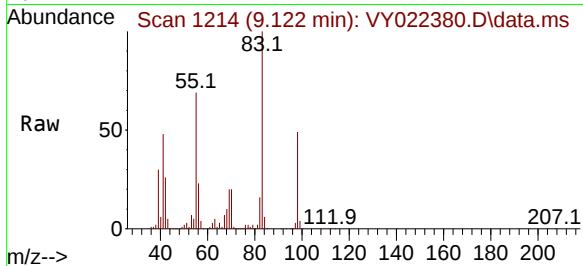




#39
Methylcyclohexane
Concen: 52.569 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

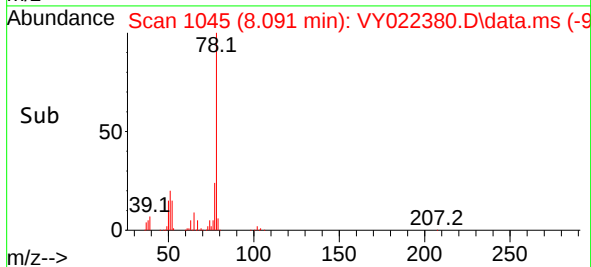
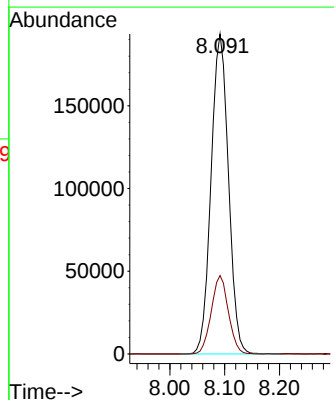
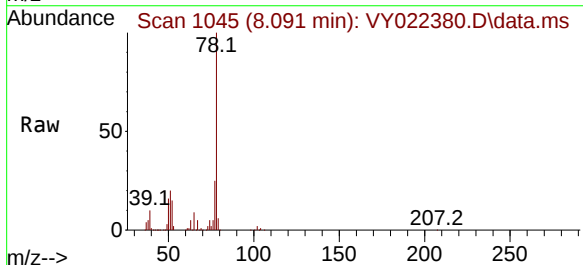
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

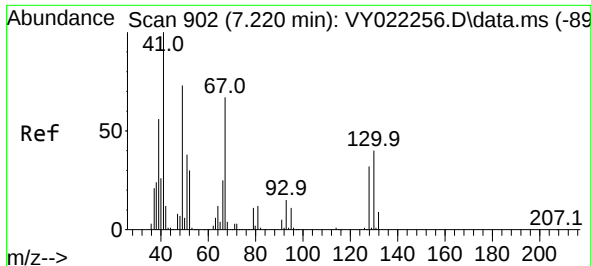
Tgt Ion: 83 Resp: 190360
Ion Ratio Lower Upper
83 100
55 68.8 60.6 90.8
98 48.7 40.0 60.0



#40
Benzene
Concen: 53.106 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 78 Resp: 424335
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

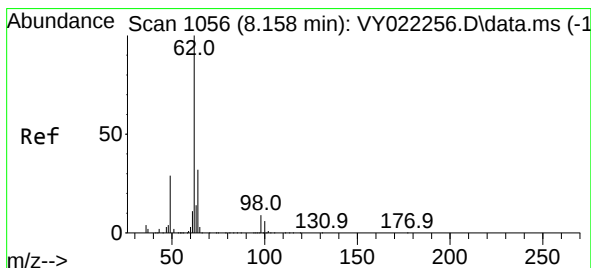
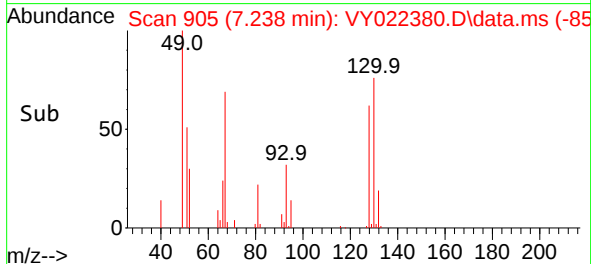
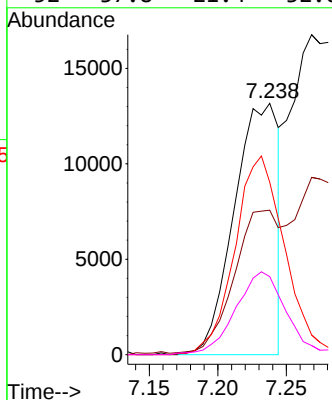
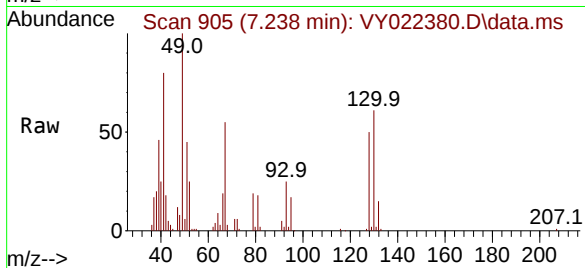




#41
Methacrylonitrile
Concen: 34.540 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

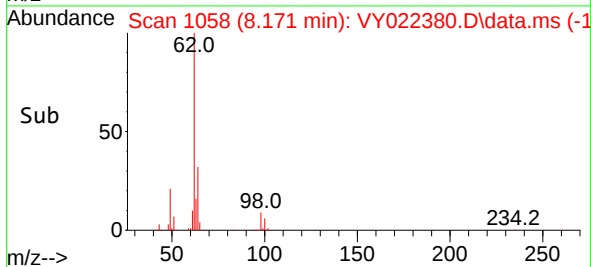
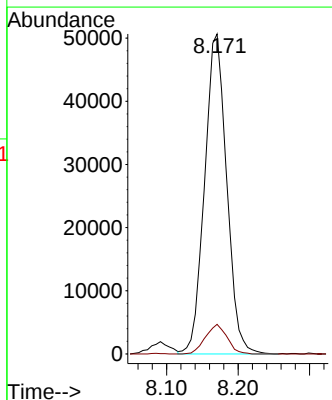
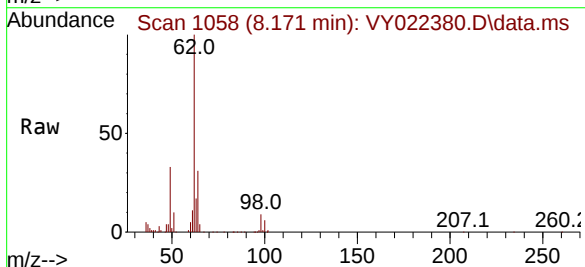
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

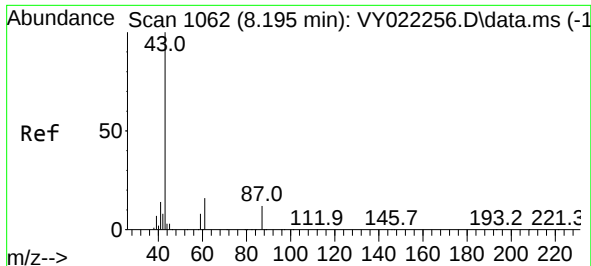
Tgt Ion:	41	Resp:	29713
Ion	Ratio	Lower	Upper
41	100		
39	56.3	39.1	58.7
67	89.0	47.1	70.7#
52	37.8	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 50.267 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:	62	Resp:	108617
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

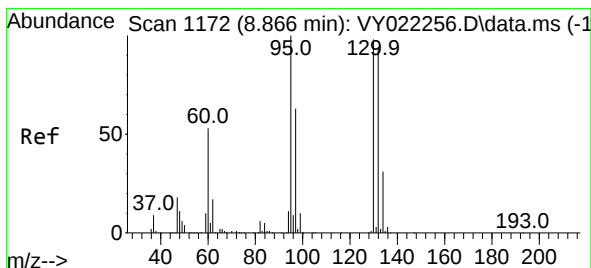
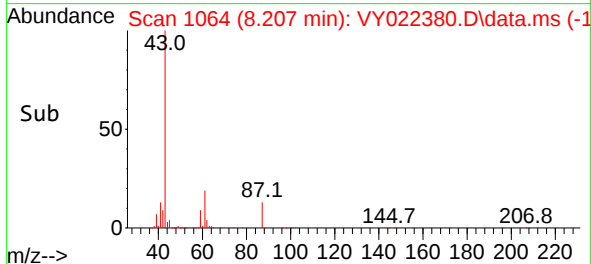
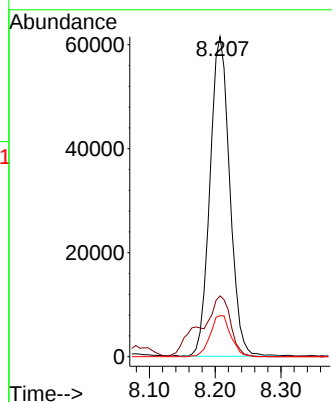
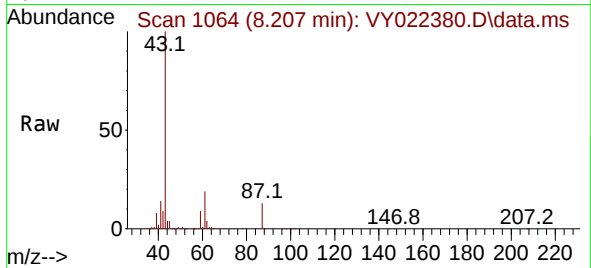




#43
Isopropyl Acetate
Concen: 45.395 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

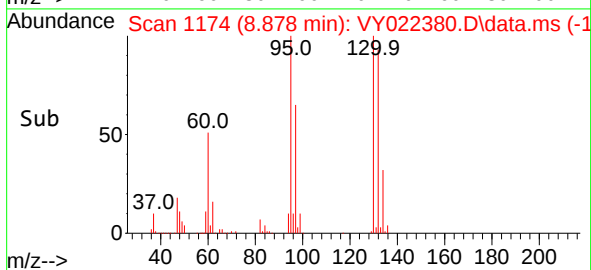
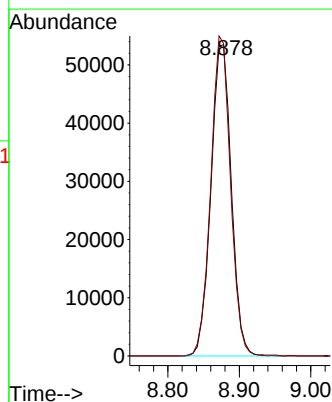
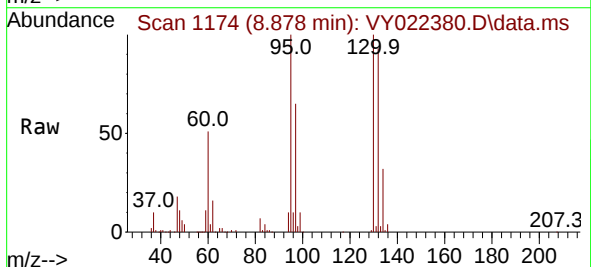
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

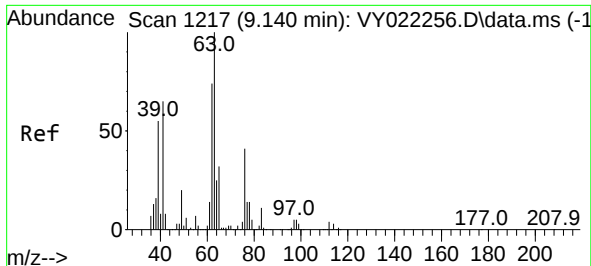
Tgt Ion: 43 Resp: 128391
Ion Ratio Lower Upper
43 100
61 28.8 15.1 22.7#
87 13.4 9.7 14.5



#44
Trichloroethene
Concen: 53.190 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:130 Resp: 105676
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.460 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

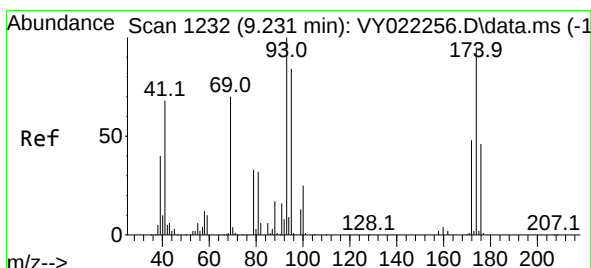
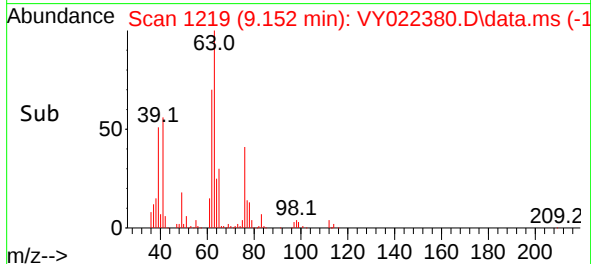
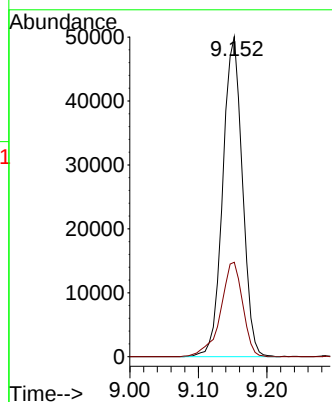
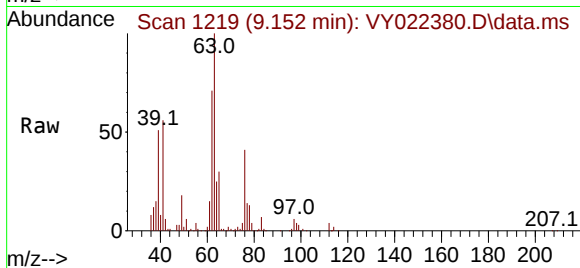
VSTDCCC050

Tgt Ion: 63 Resp: 99132

Ion Ratio Lower Upper

63 100

65 29.5 25.7 38.5



#46

Dibromomethane

Concen: 51.917 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

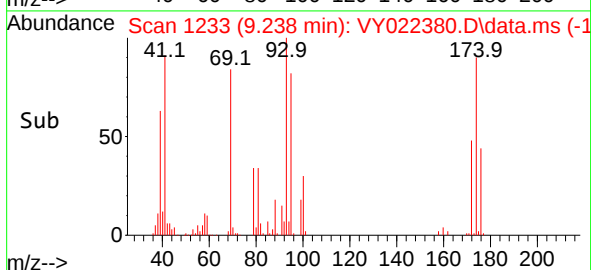
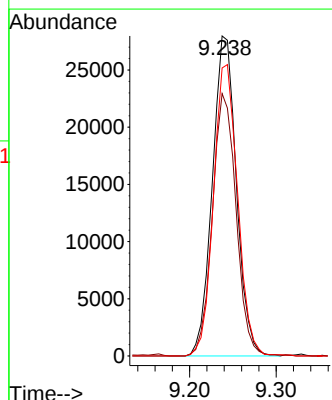
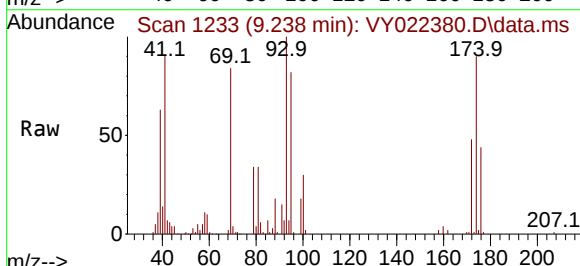
Tgt Ion: 93 Resp: 53943

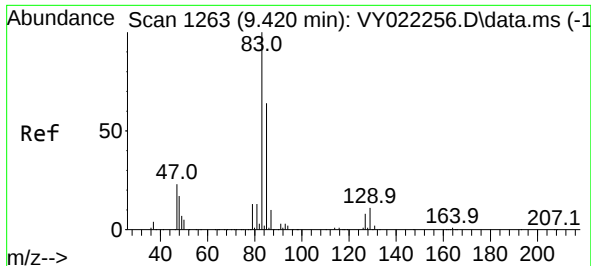
Ion Ratio Lower Upper

93 100

95 80.9 65.2 97.8

174 91.5 74.3 111.5

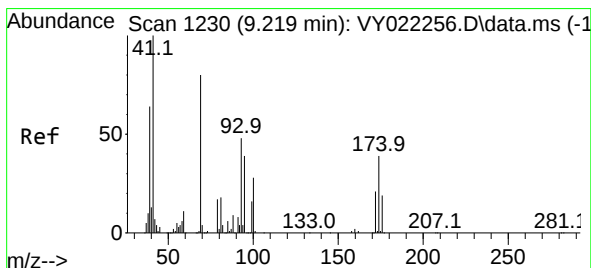
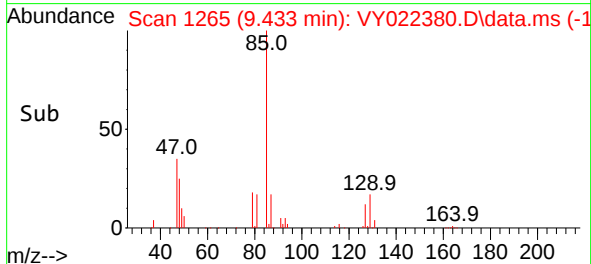
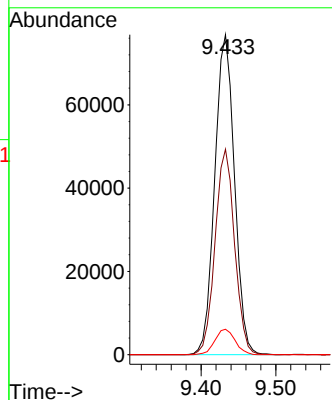
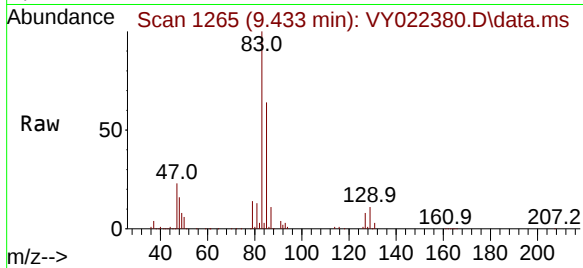




#47
Bromodichloromethane
Concen: 52.278 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

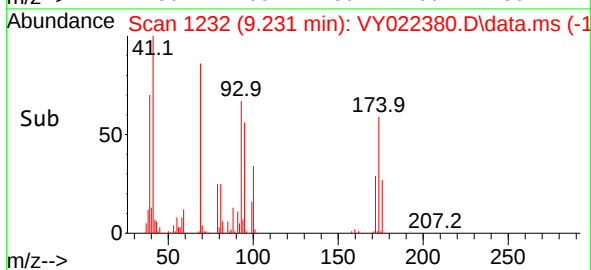
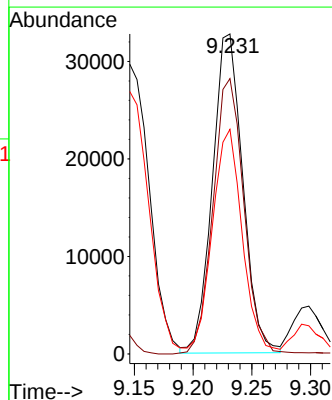
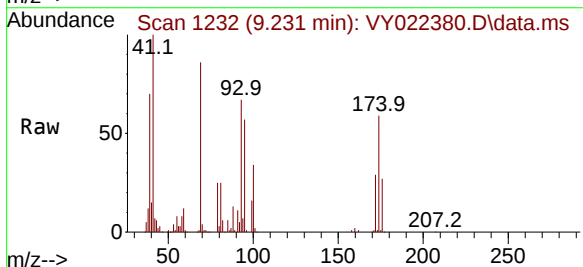
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

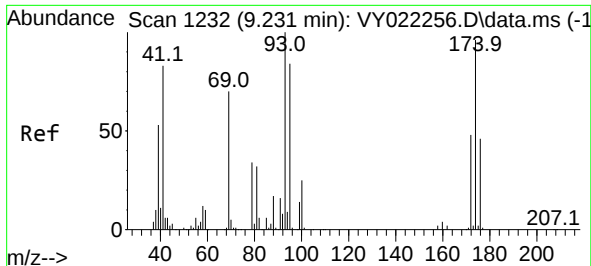
Tgt Ion: 83 Resp: 140915
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 44.496 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 41 Resp: 58854
Ion Ratio Lower Upper
41 100
69 87.6 63.5 95.3
39 66.6 50.8 76.2

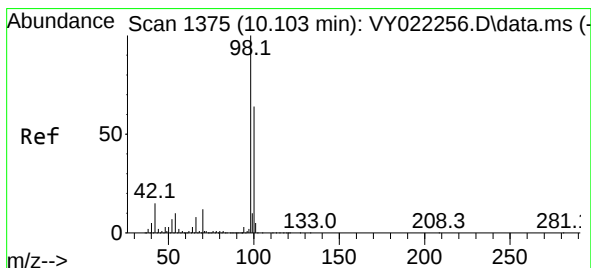
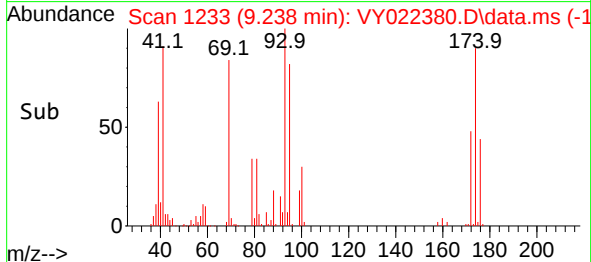
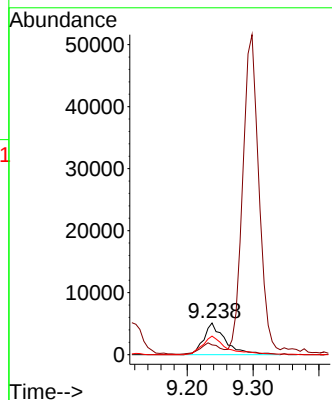
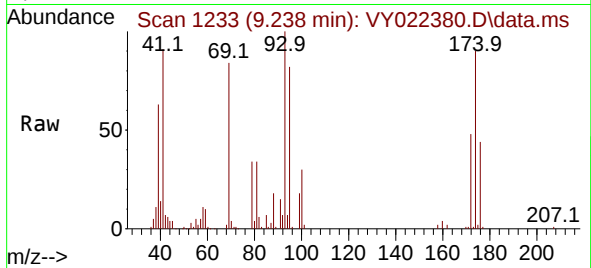




#49
1,4-Dioxane
Concen: 994.901 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

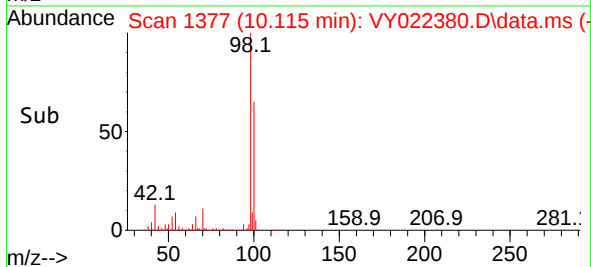
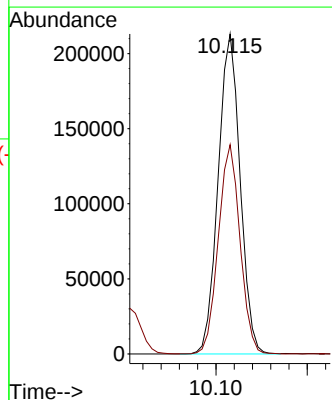
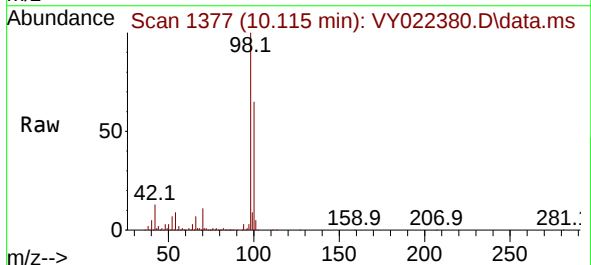
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

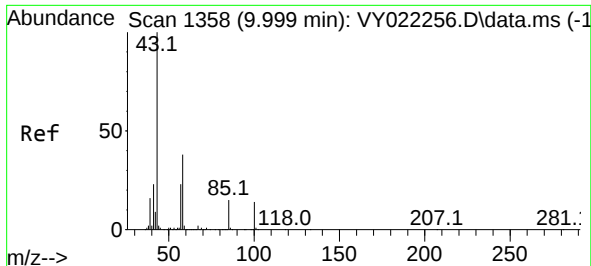
Tgt Ion: 88 Resp: 11678
Ion Ratio Lower Upper
88 100
43 29.9 28.5 42.7
58 65.5 61.4 92.2



#50
Toluene-d8
Concen: 53.110 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 98 Resp: 355941
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

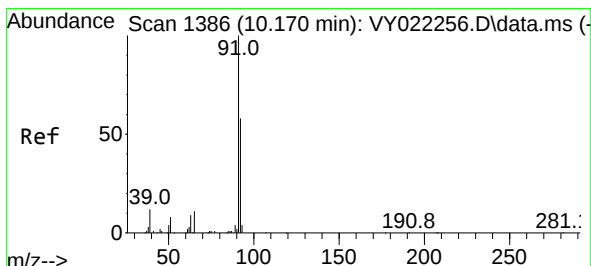
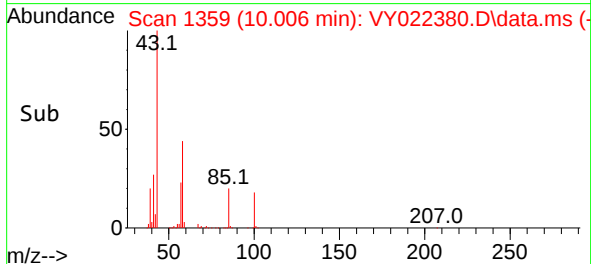
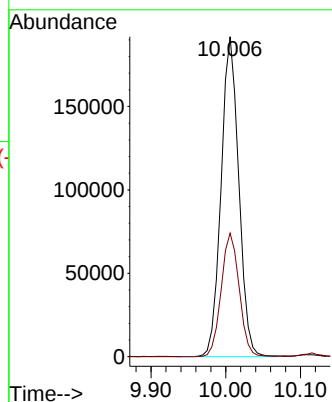
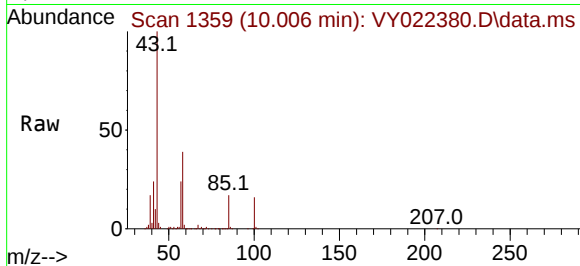




#51
4-Methyl-2-Pentanone
Concen: 227.107 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

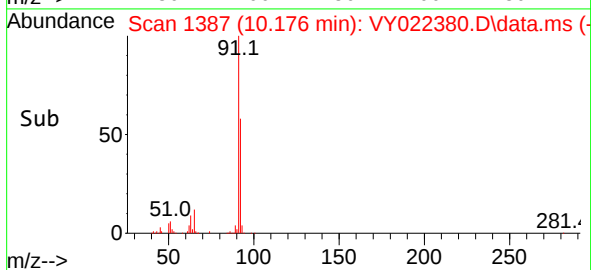
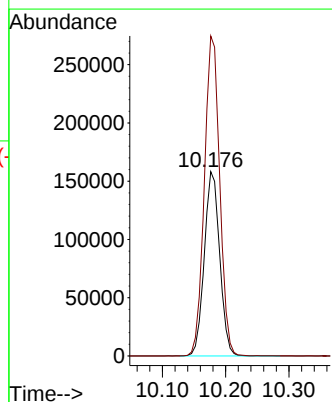
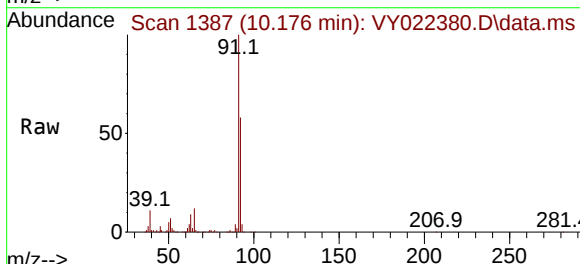
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

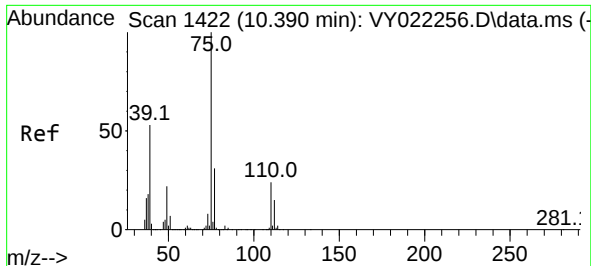
Tgt Ion: 43 Resp: 315171
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.2



#52
Toluene
Concen: 53.002 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 92 Resp: 268178
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7

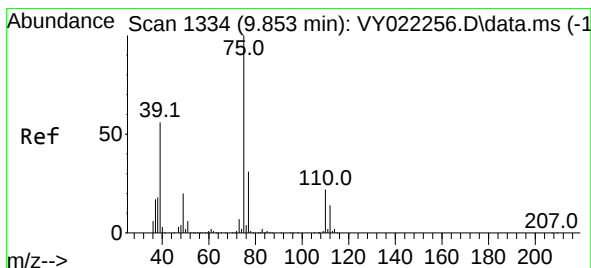
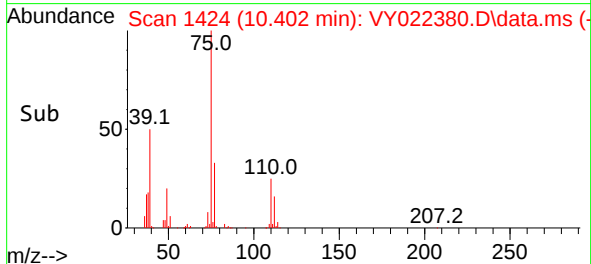
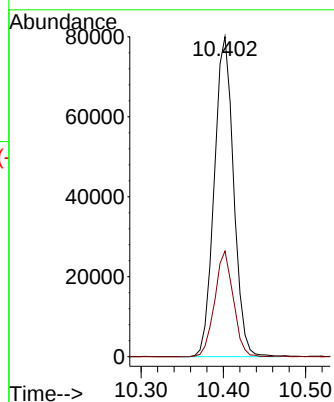
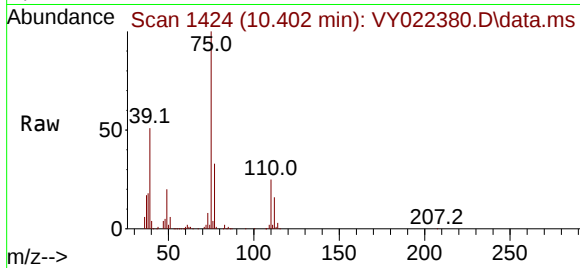




#53
t-1,3-Dichloropropene
Concen: 49.816 ug/l
RT: 10.402 min Scan# 1422
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

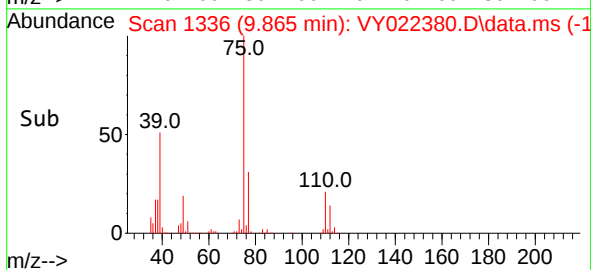
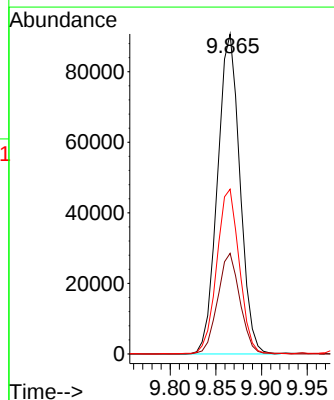
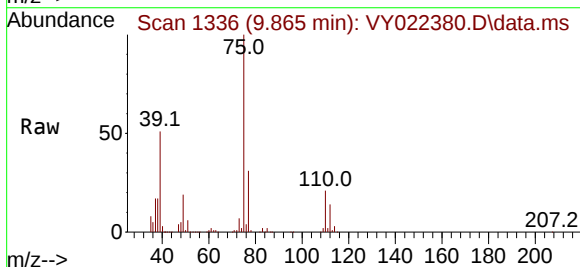
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

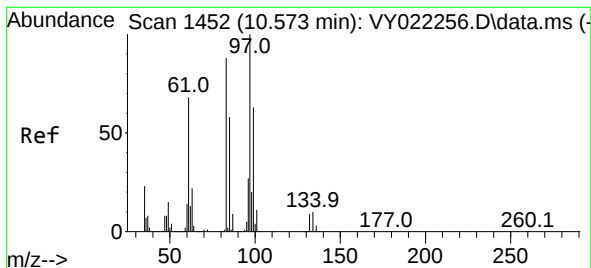
Tgt Ion: 75 Resp: 131043
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.367 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 75 Resp: 154811
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 51.4 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 50.711 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 67471

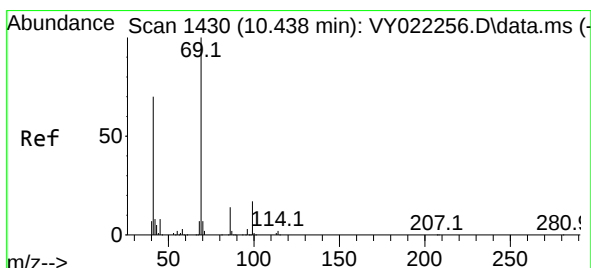
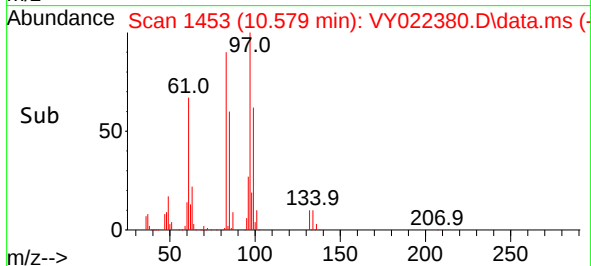
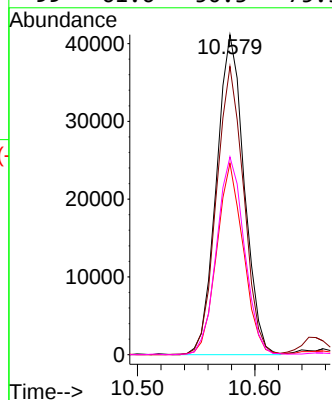
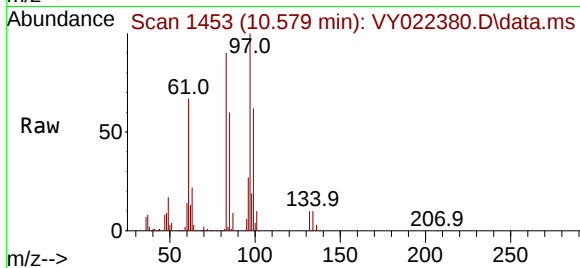
Ion Ratio Lower Upper

97 100

83 89.9 70.3 105.5

85 59.8 46.2 69.4

99 61.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.163 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

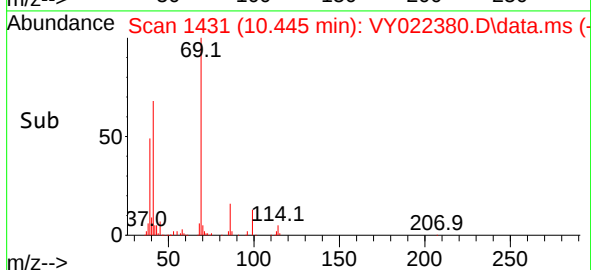
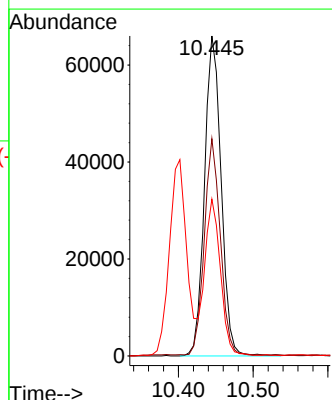
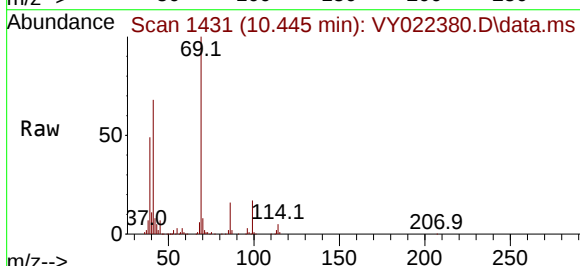
Tgt Ion: 69 Resp: 101892

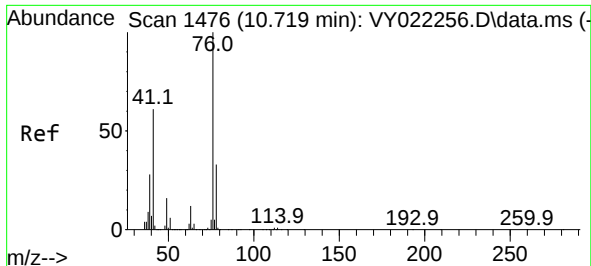
Ion Ratio Lower Upper

69 100

41 64.9 56.5 84.7

39 45.1 37.1 55.7





#57

1,3-Dichloropropane

Concen: 51.386 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

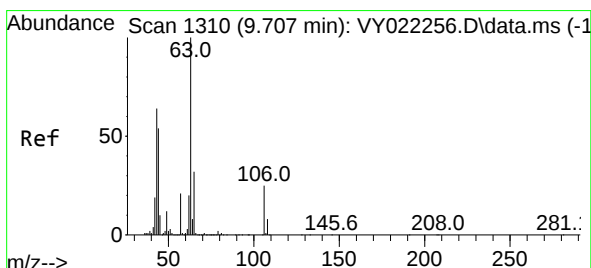
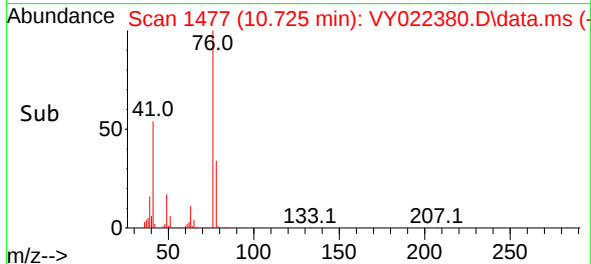
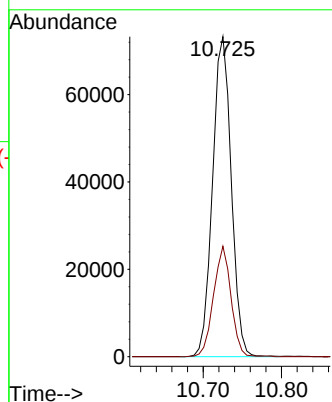
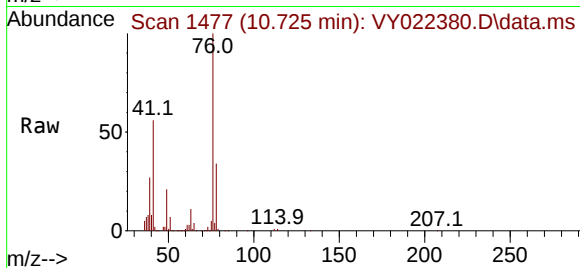
VSTDCCC050

Tgt Ion: 76 Resp: 121474

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.693 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022380.D

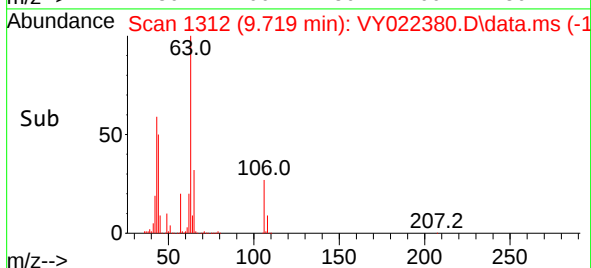
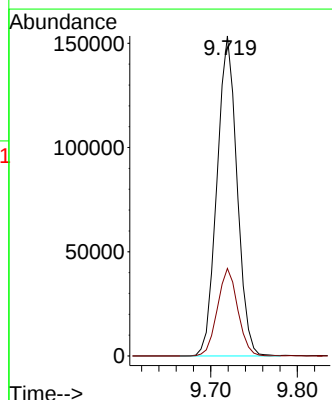
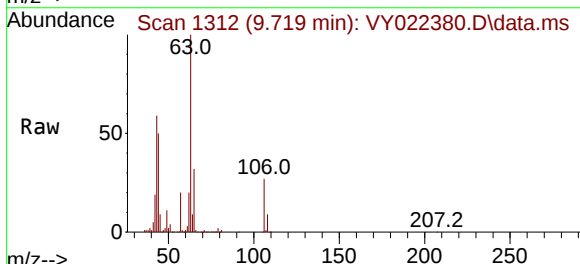
Acq: 22 May 2025 08:35

Tgt Ion: 63 Resp: 247160

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4

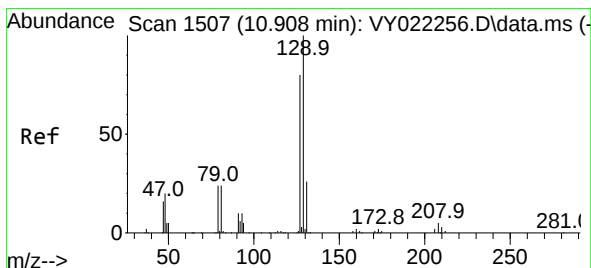
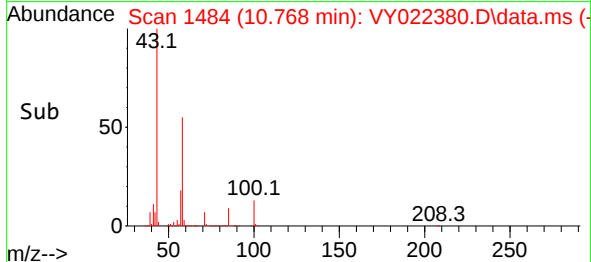
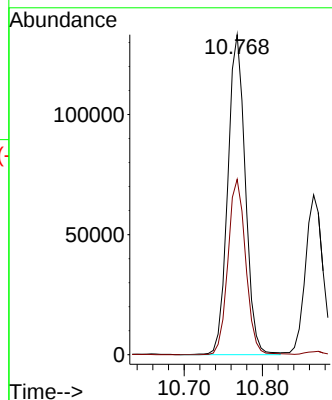
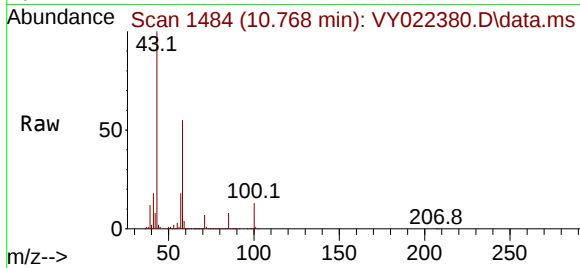




#59
2-Hexanone
Concen: 222.384 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

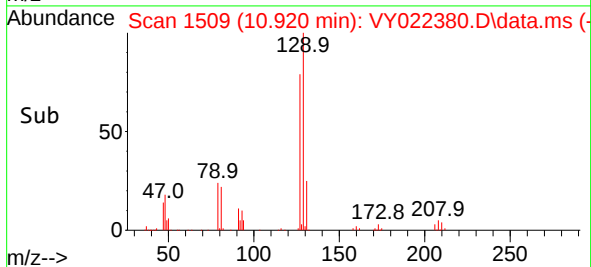
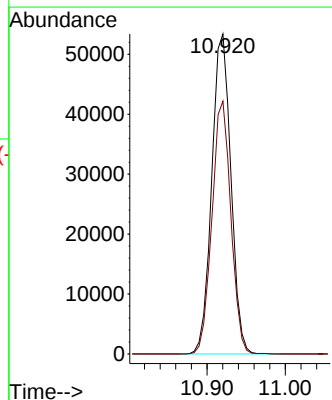
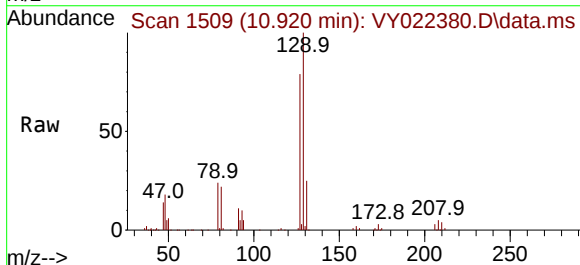
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

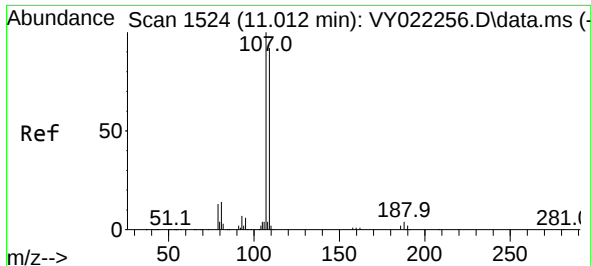
Tgt Ion: 43 Resp: 206922
Ion Ratio Lower Upper
43 100
58 55.5 26.1 78.3



#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 129 Resp: 90531
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7

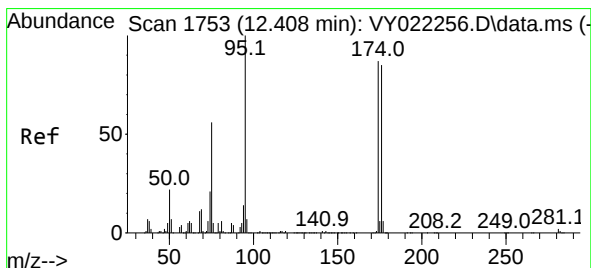
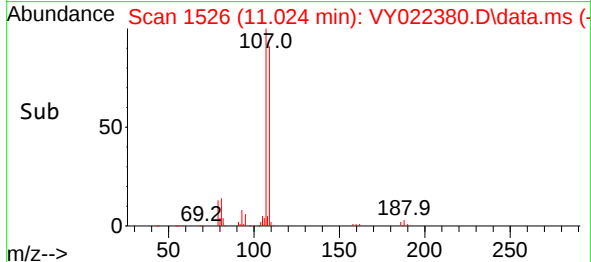
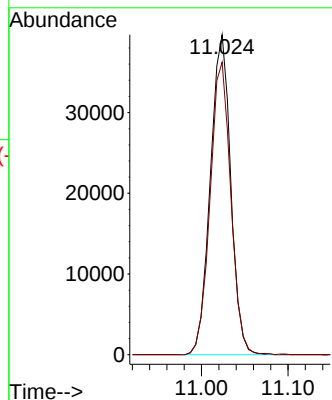
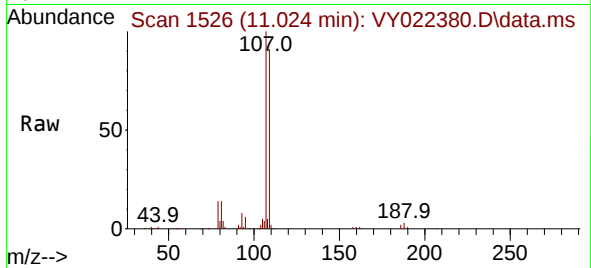




#61
1,2-Dibromoethane
Concen: 52.166 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

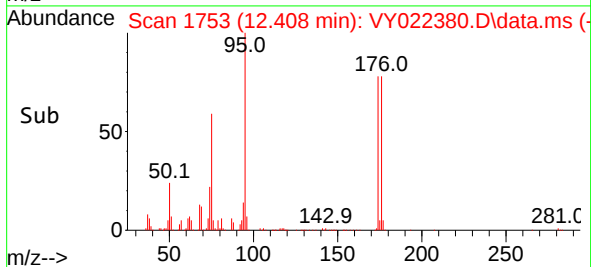
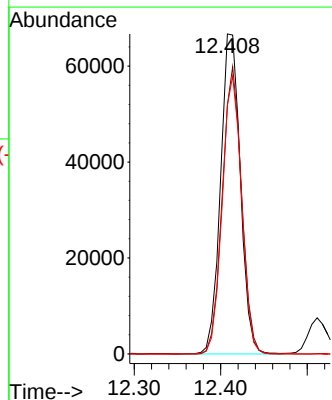
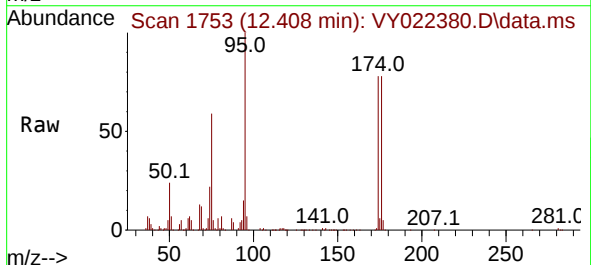
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

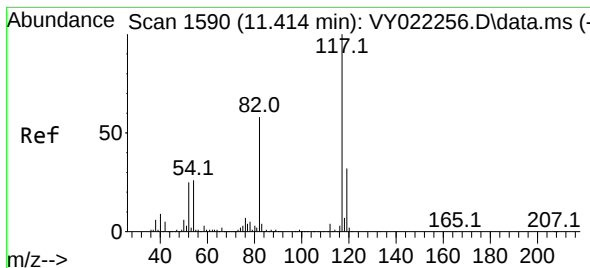
Tgt Ion:107 Resp: 64690
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 95 Resp: 105997
Ion Ratio Lower Upper
95 100
174 87.3 0.0 166.8
176 84.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

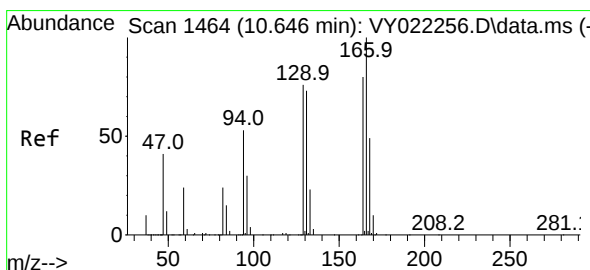
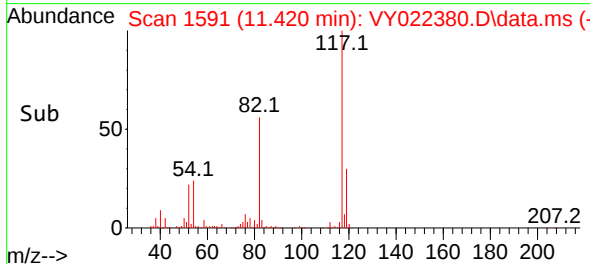
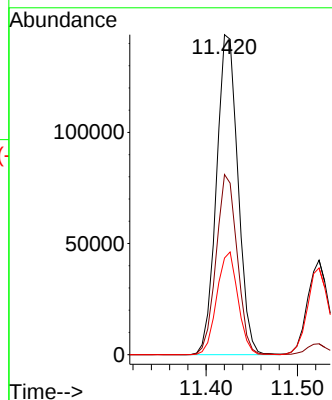
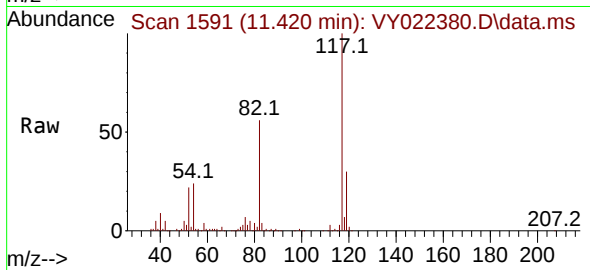
Tgt Ion:117 Resp: 235238

Ion Ratio Lower Upper

117 100

82 56.3 46.6 70.0

119 30.2 25.8 38.6



#64

Tetrachloroethene

Concen: 54.305 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Tgt Ion:164 Resp: 118077

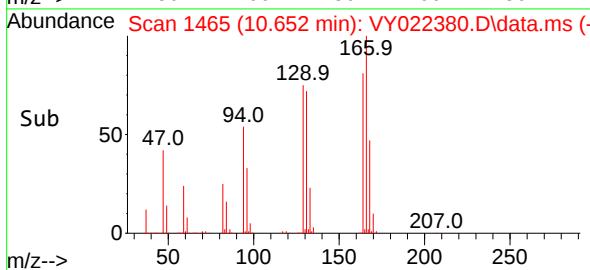
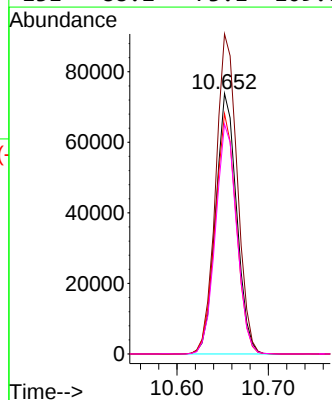
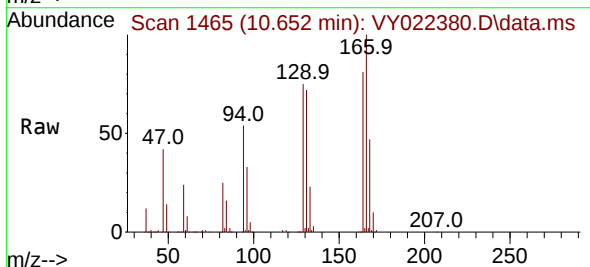
Ion Ratio Lower Upper

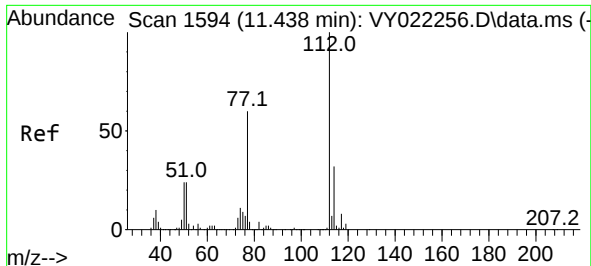
164 100

166 122.8 100.4 150.6

129 92.2 76.4 114.6

131 88.2 73.1 109.7

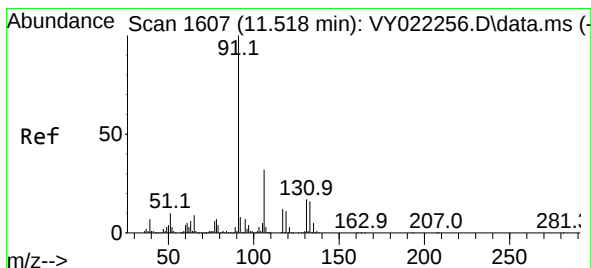
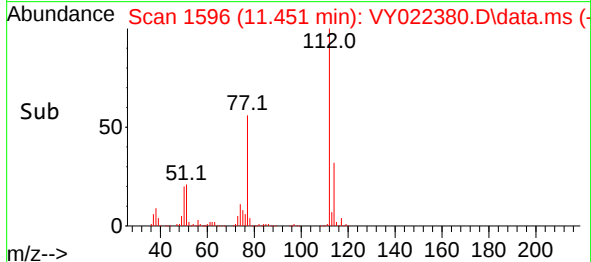
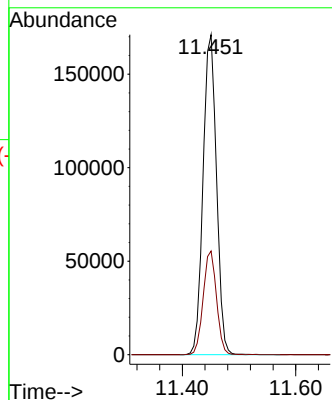
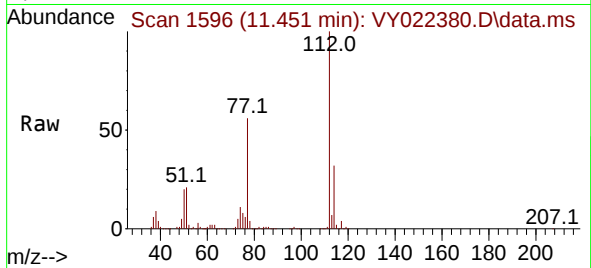




#65
Chlorobenzene
Concen: 52.931 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

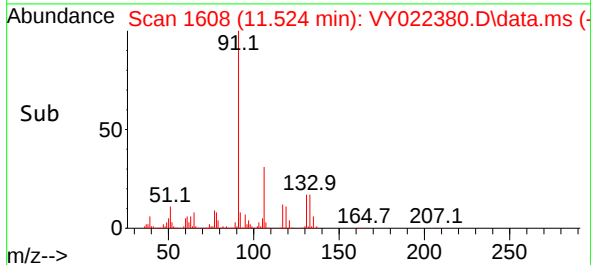
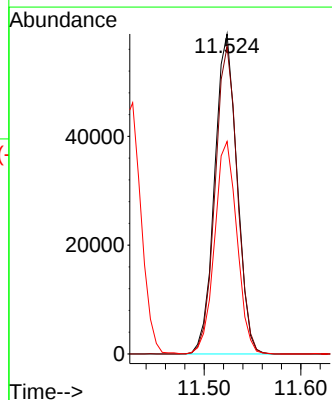
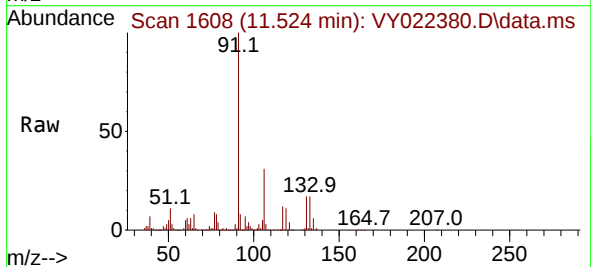
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

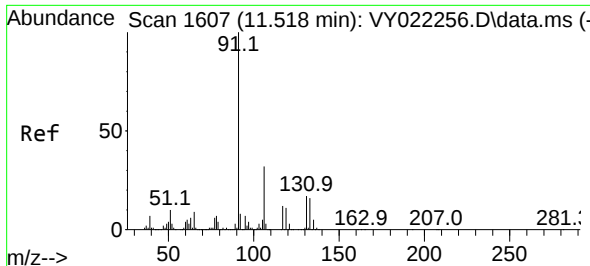
Tgt Ion:112 Resp: 280913
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.774 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:131 Resp: 94462
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 66.4 33.1 99.2





#67

Ethyl Benzene

Concen: 52.876 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

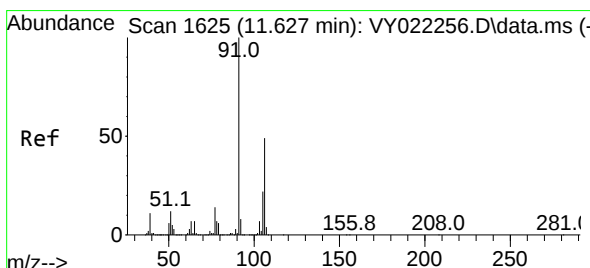
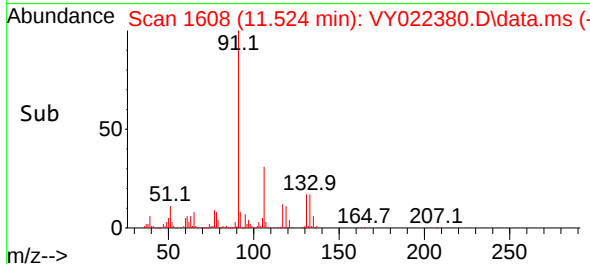
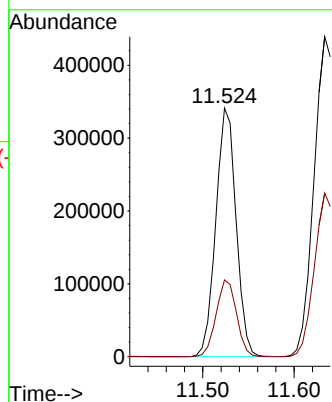
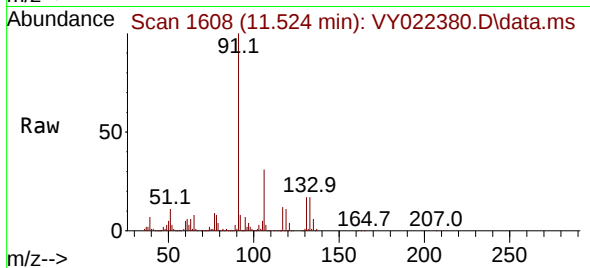
VSTDCCC050

Tgt Ion: 91 Resp: 525554

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



#68

m/p-Xylenes

Concen: 106.617 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022380.D

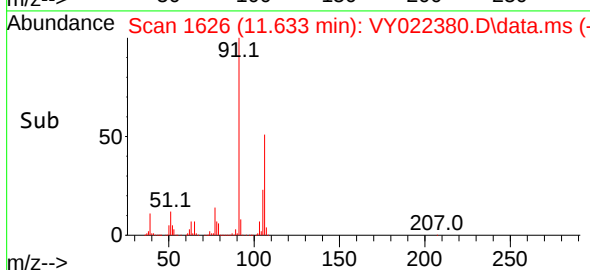
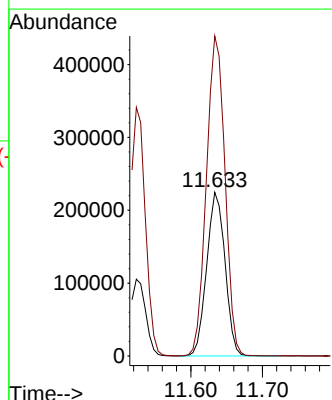
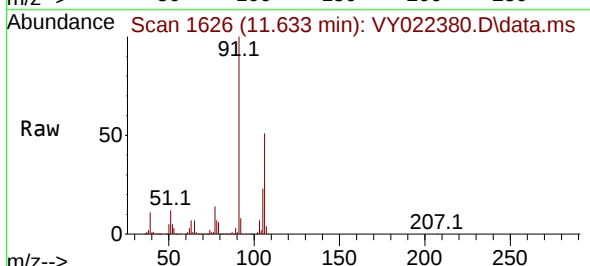
Acq: 22 May 2025 08:35

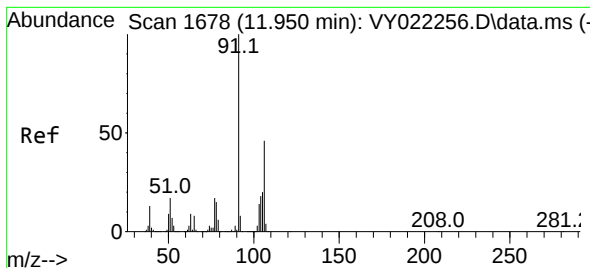
Tgt Ion:106 Resp: 399310

Ion Ratio Lower Upper

106 100

91 198.2 163.0 244.4





#69

o-Xylene

Concen: 52.518 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

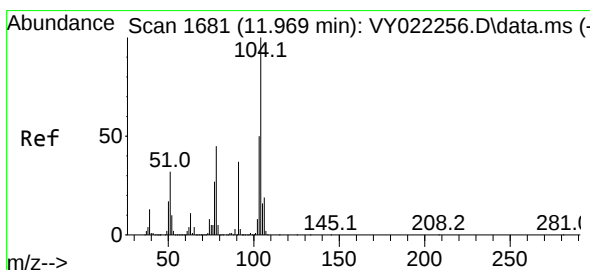
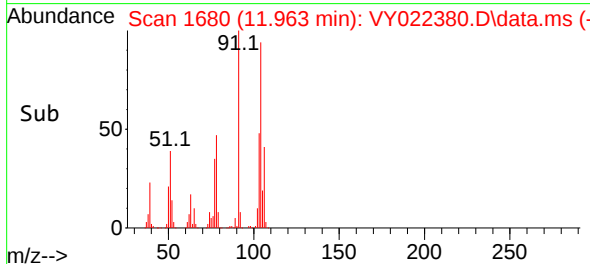
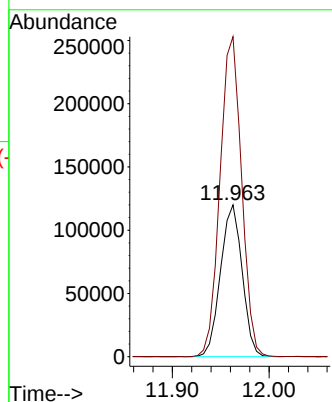
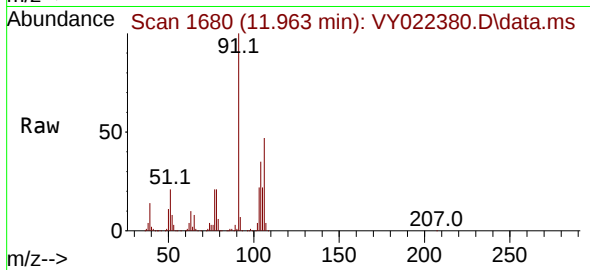
VSTDCCC050

Tgt Ion:106 Resp: 186099

Ion Ratio Lower Upper

106 100

91 210.9 108.3 324.8



#70

Styrene

Concen: 52.163 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

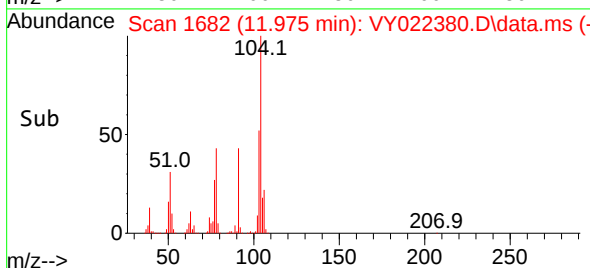
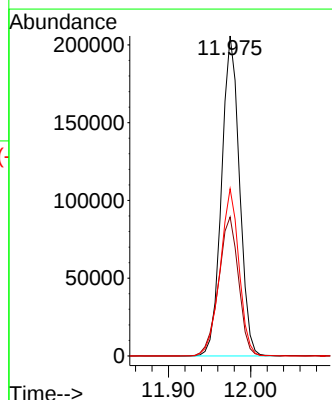
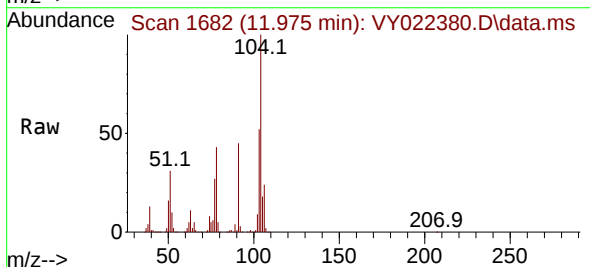
Tgt Ion:104 Resp: 311800

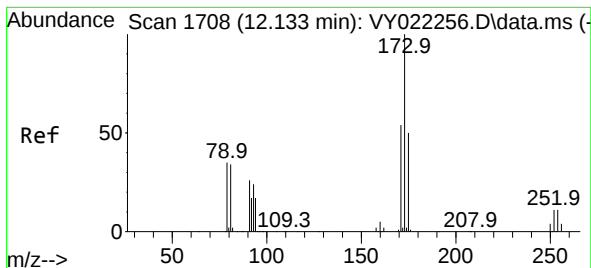
Ion Ratio Lower Upper

104 100

78 48.4 40.9 61.3

103 55.0 43.7 65.5





#71

Bromoform

Concen: 50.521 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

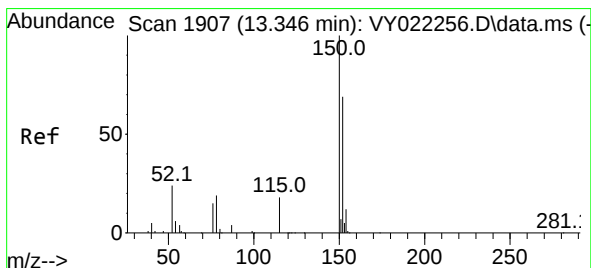
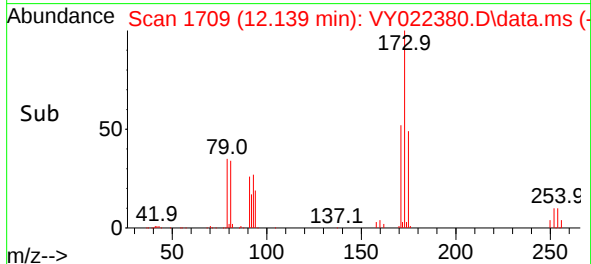
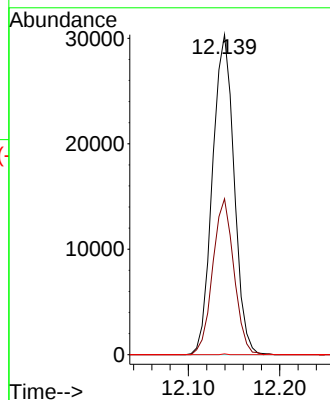
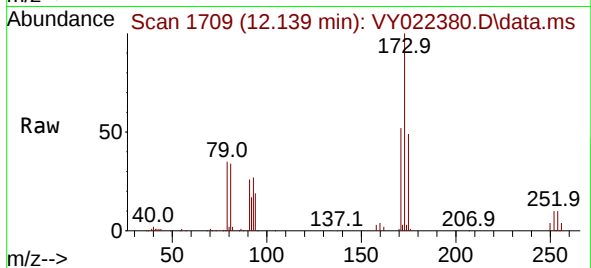
Tgt Ion:173 Resp: 49753

Ion Ratio Lower Upper

173 100

175 47.9 24.7 74.1

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

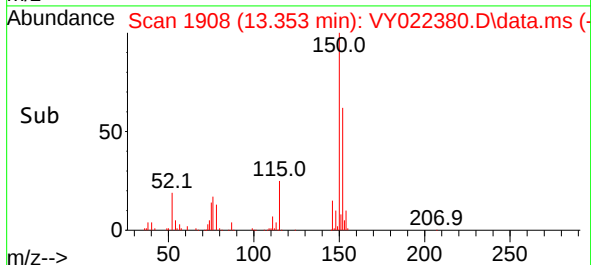
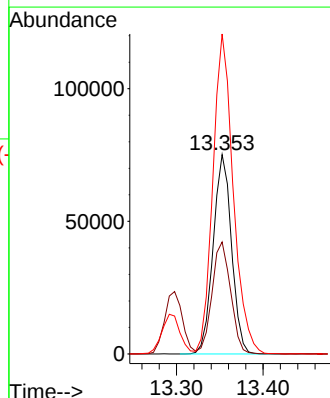
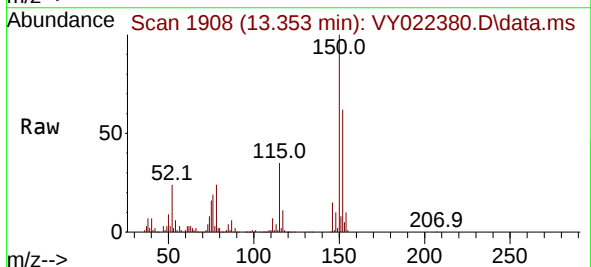
Tgt Ion:152 Resp: 110586

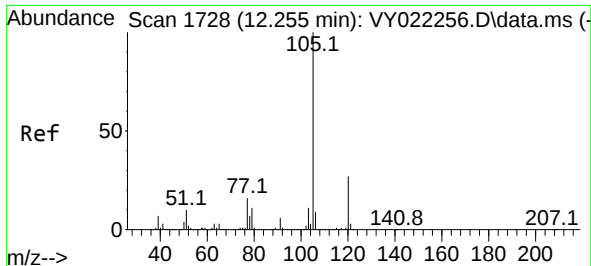
Ion Ratio Lower Upper

152 100

115 57.1 29.4 88.2

150 177.7 0.0 353.8

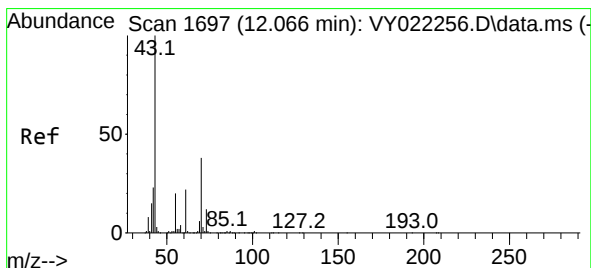
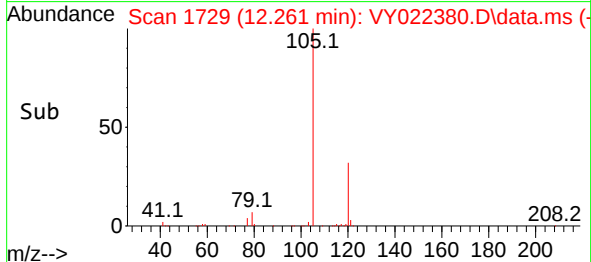
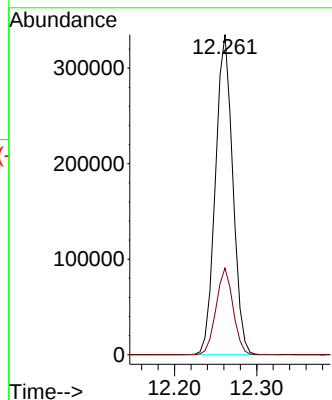
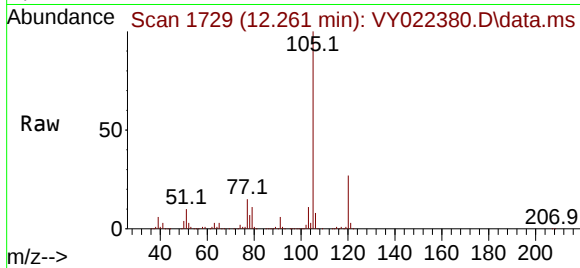




#73
Isopropylbenzene
Concen: 53.502 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

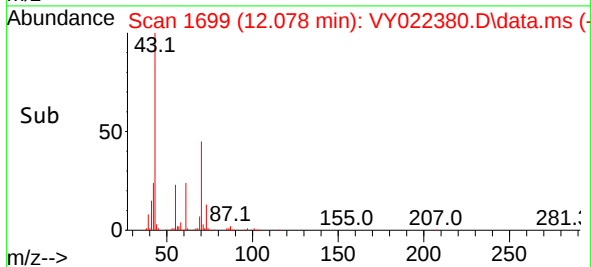
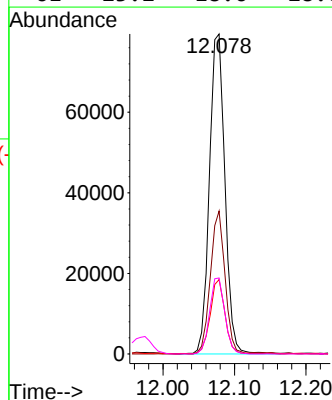
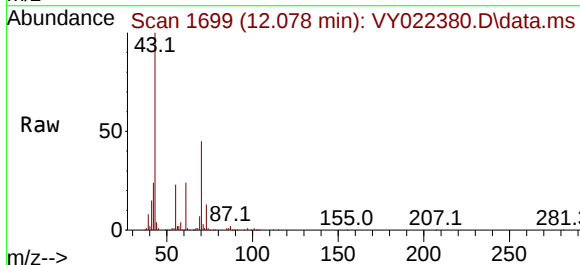
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

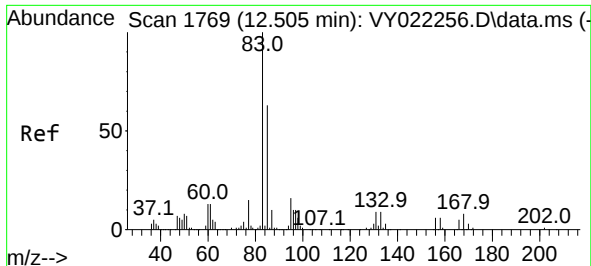
Tgt Ion:105 Resp: 490162
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 45.682 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 43 Resp: 119696
Ion Ratio Lower Upper
43 100
70 42.2 31.4 47.0
55 22.3 17.0 25.6
61 23.2 18.6 28.0

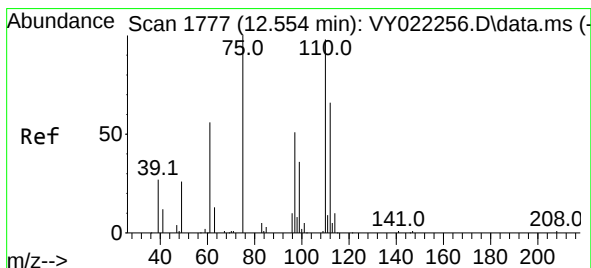
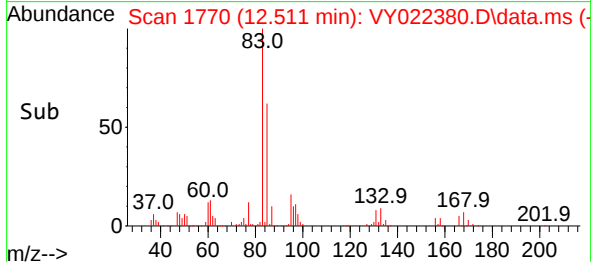
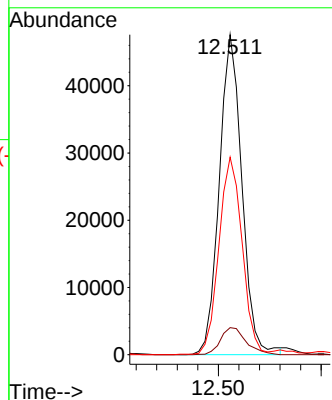
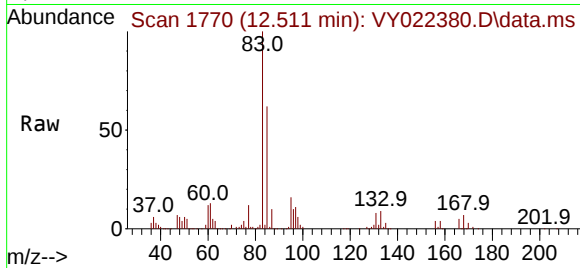




#75
1,1,2,2-Tetrachloroethane
Concen: 51.561 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

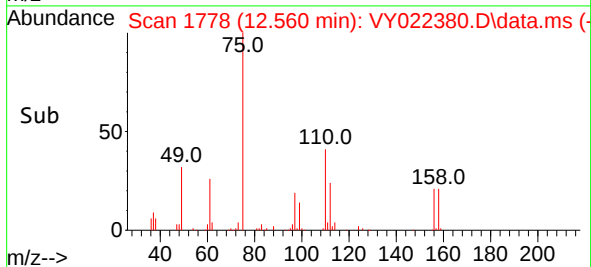
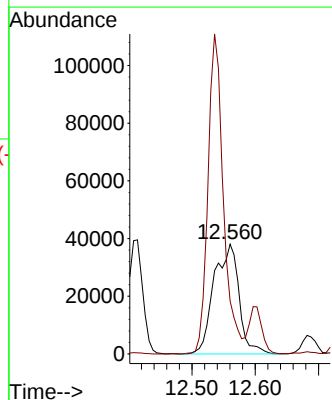
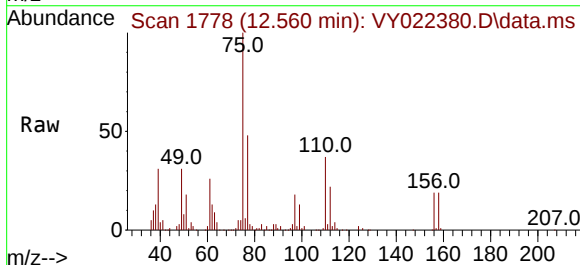
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

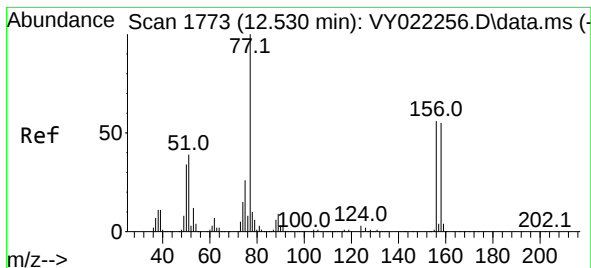
Tgt Ion: 83 Resp: 72647
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 63.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 93.627 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 75 Resp: 104895
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.574 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

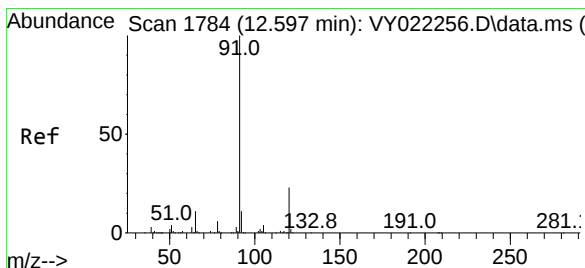
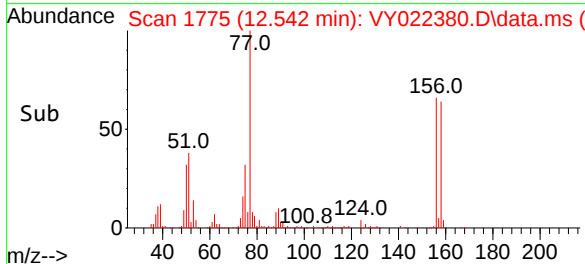
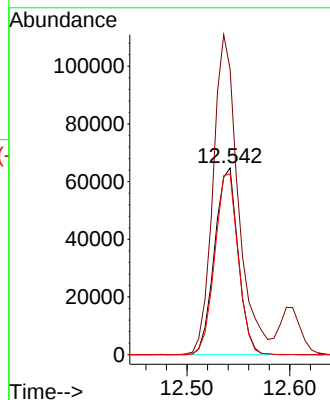
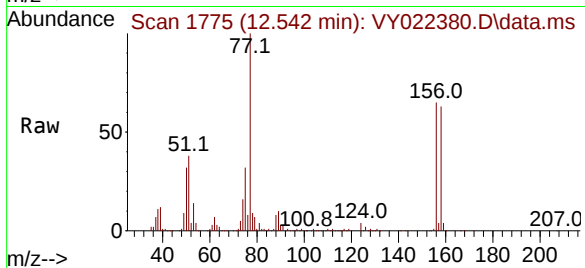
Tgt Ion:156 Resp: 102872

Ion Ratio Lower Upper

156 100

77 183.0 94.5 283.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 53.885 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022380.D

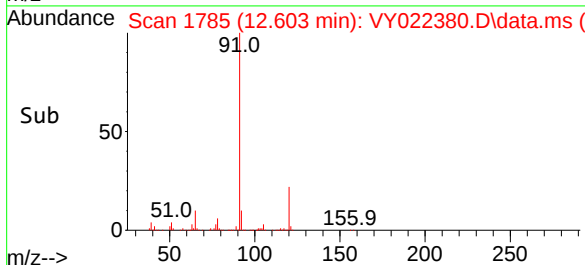
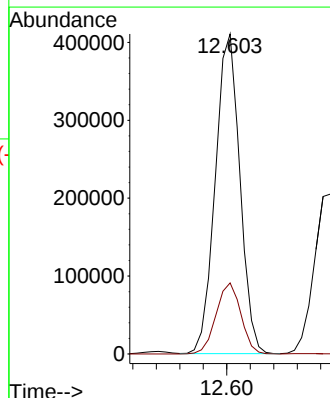
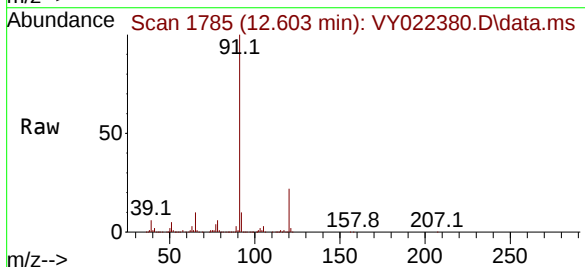
Acq: 22 May 2025 08:35

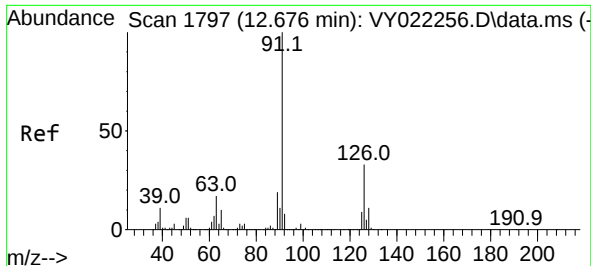
Tgt Ion: 91 Resp: 595455

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 52.461 ug/l

RT: 12.688 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

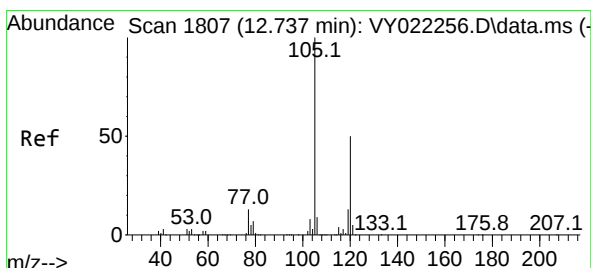
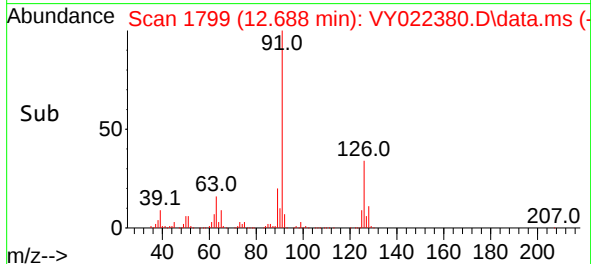
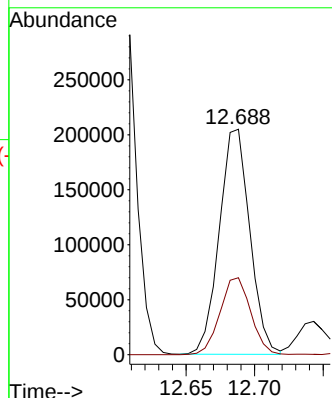
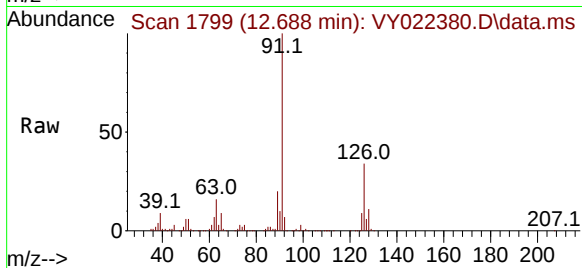
VSTDCCC050

Tgt Ion: 91 Resp: 318579

Ion Ratio Lower Upper

91 100

126 34.4 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 52.837 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022380.D

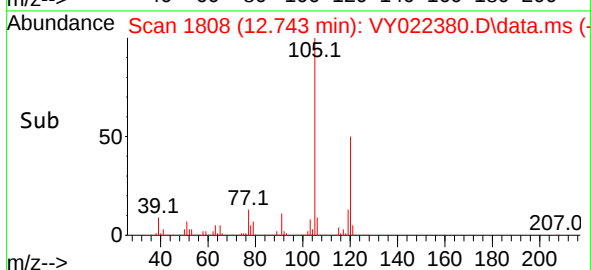
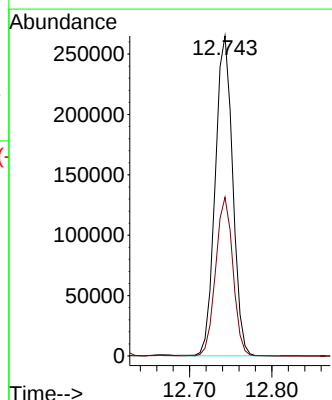
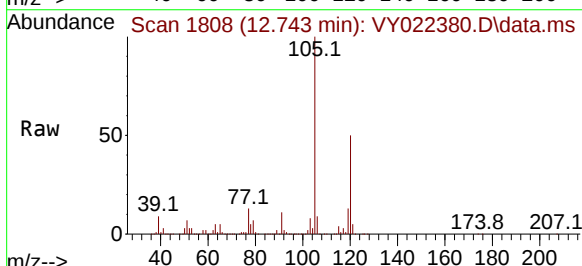
Acq: 22 May 2025 08:35

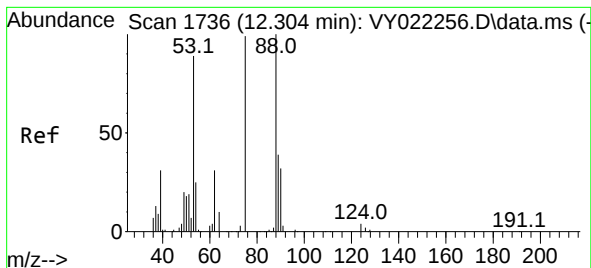
Tgt Ion: 105 Resp: 390755

Ion Ratio Lower Upper

105 100

120 49.1 24.2 72.6

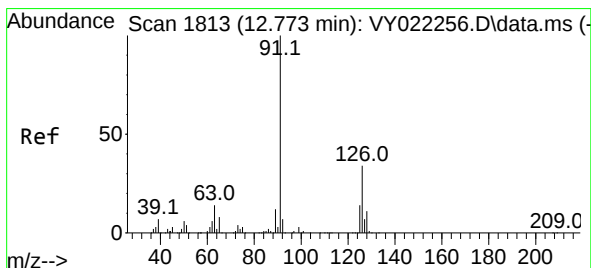
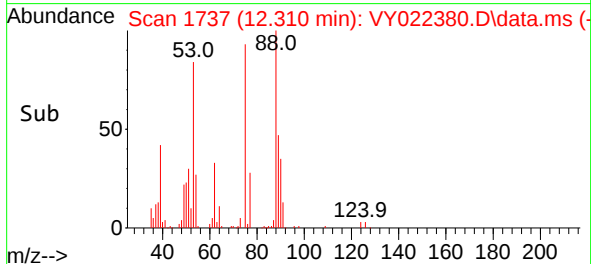
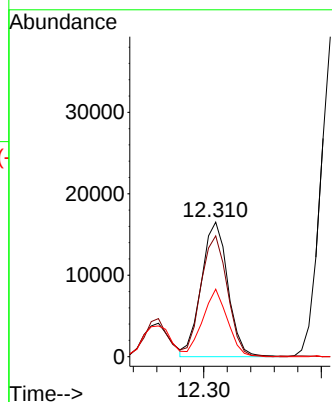
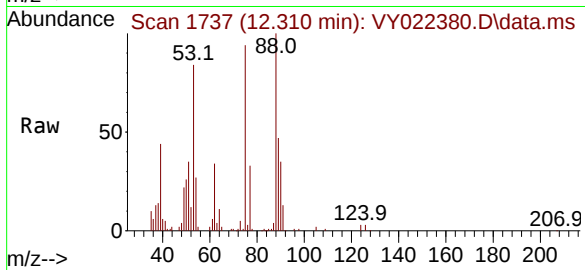




#81
trans-1,4-Dichloro-2-butene
Concen: 46.827 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

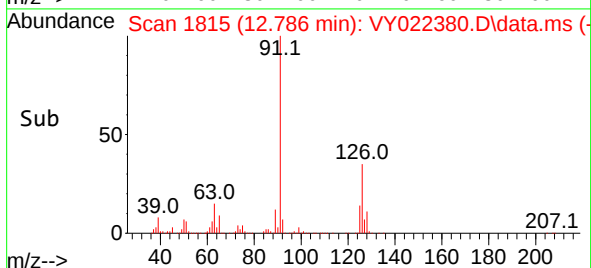
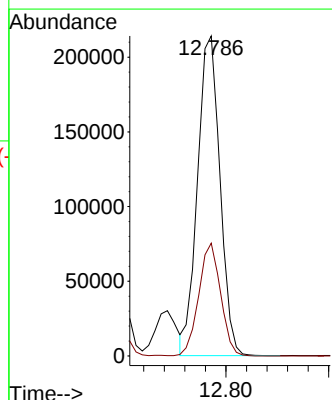
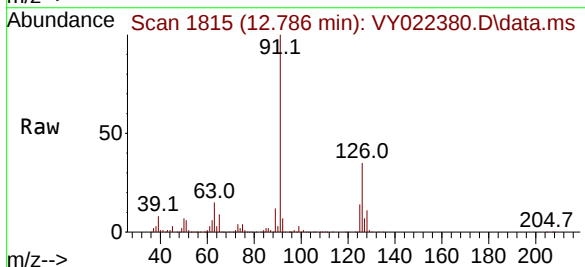
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

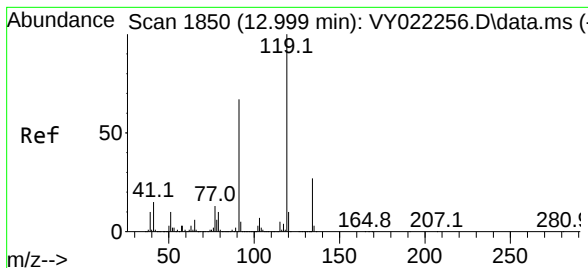
Tgt Ion: 75 Resp: 25898
Ion Ratio Lower Upper
75 100
53 90.0 75.8 113.8
89 46.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 52.070 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 91 Resp: 325243
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 53.844 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

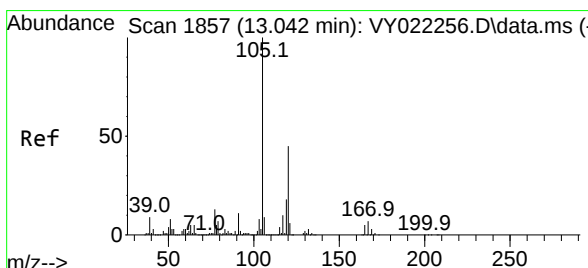
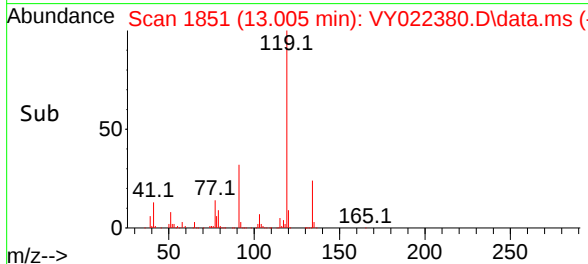
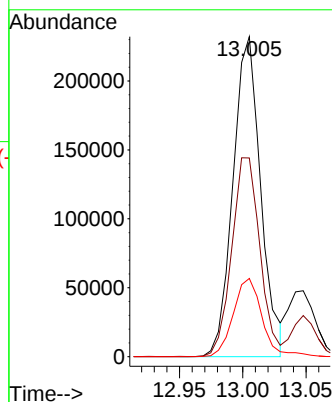
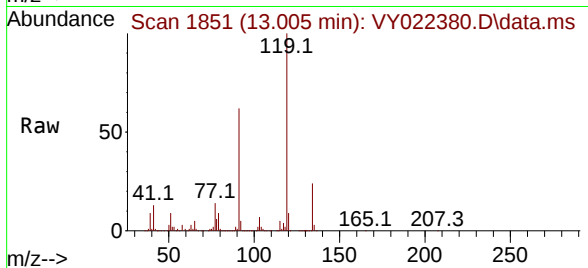
Tgt Ion:119 Resp: 353926

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.3

134 25.5 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 53.109 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022380.D

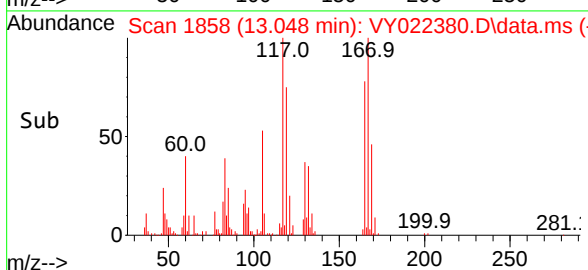
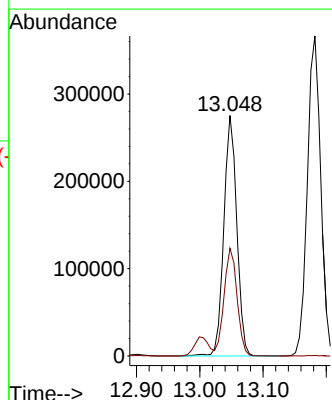
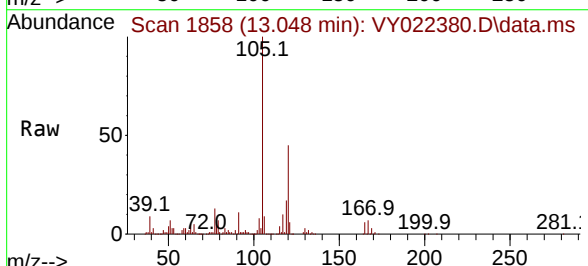
Acq: 22 May 2025 08:35

Tgt Ion:105 Resp: 389894

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.800 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

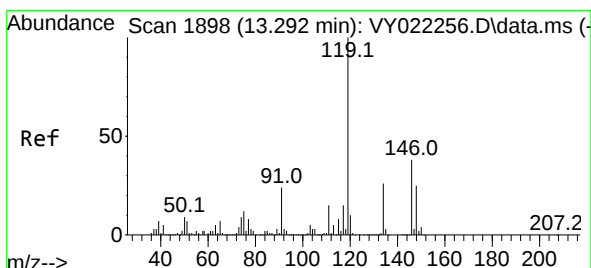
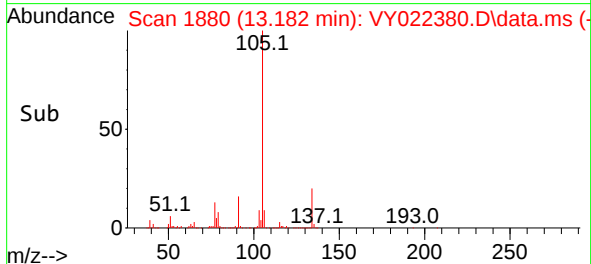
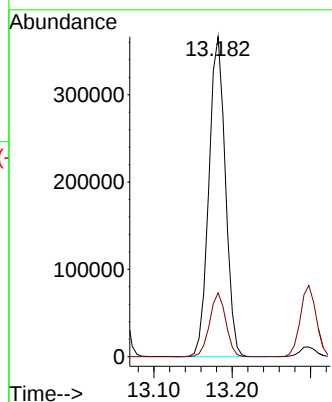
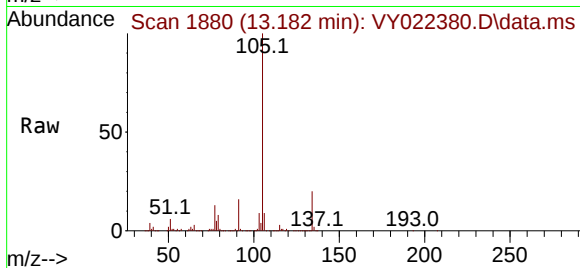
VSTDCCC050

Tgt Ion:105 Resp: 534707

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 54.938 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

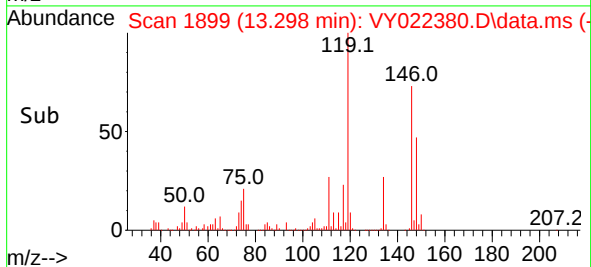
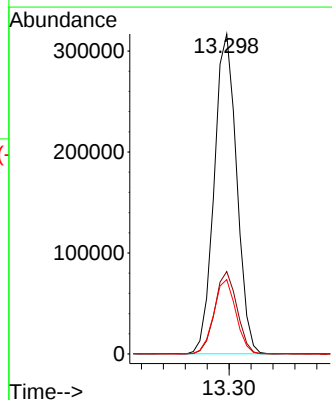
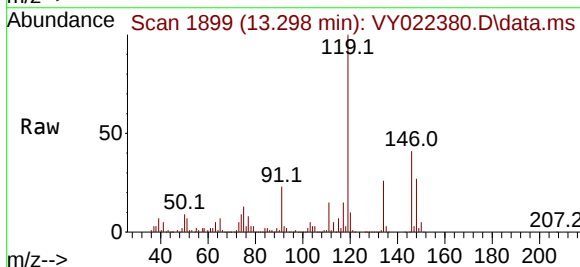
Tgt Ion:119 Resp: 450850

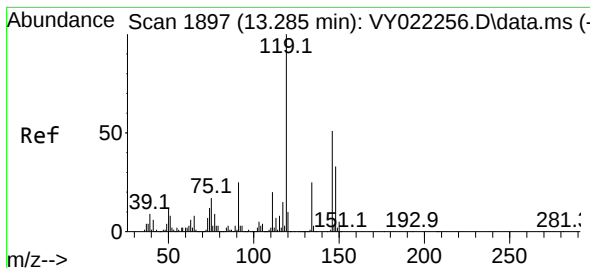
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.142 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

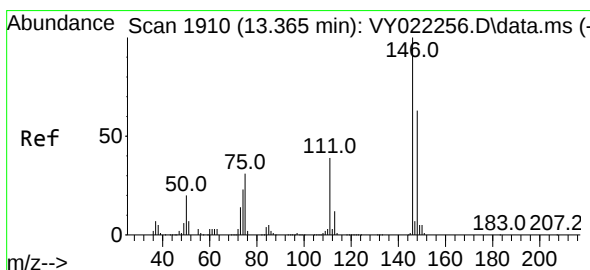
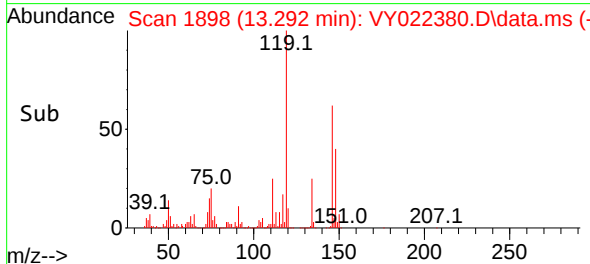
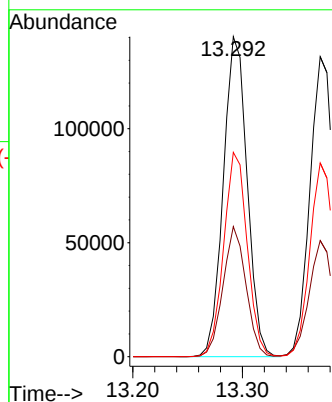
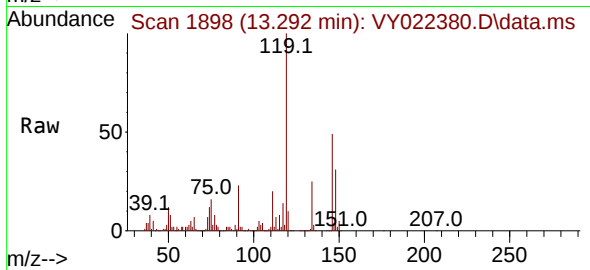
Tgt Ion:146 Resp: 212275

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.704 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

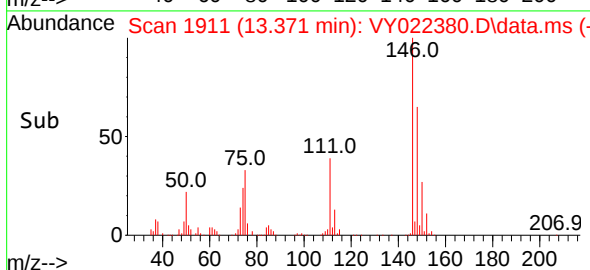
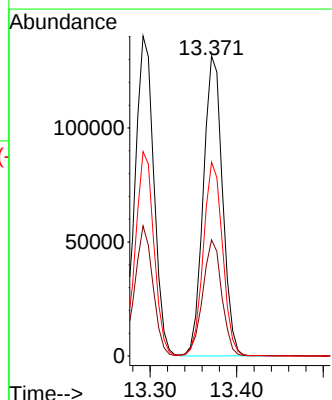
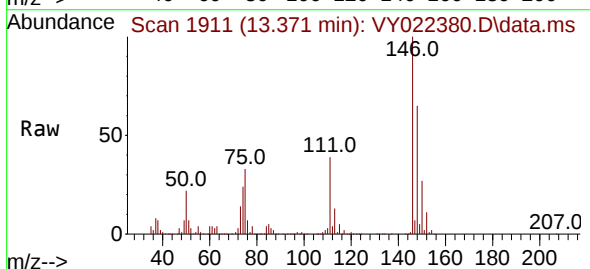
Tgt Ion:146 Resp: 202502

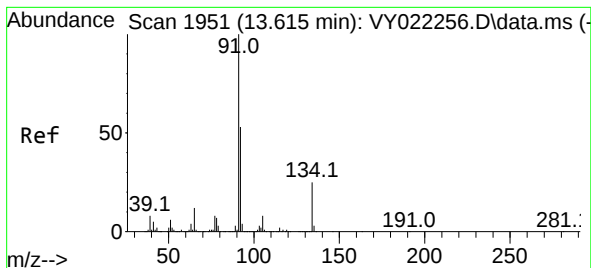
Ion Ratio Lower Upper

146 100

111 38.3 20.0 59.9

148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 55.365 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

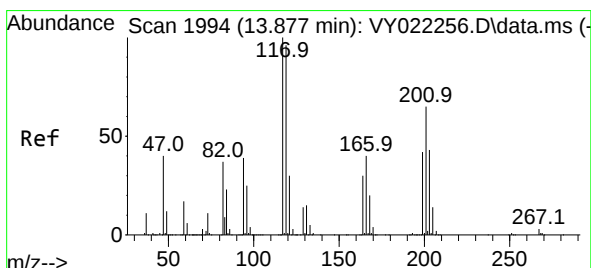
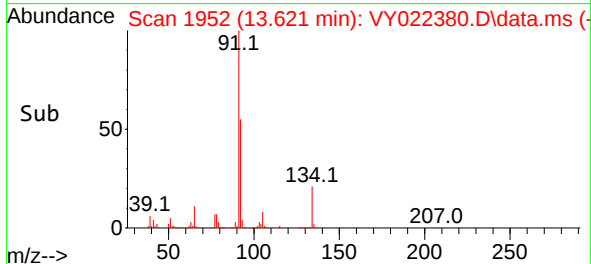
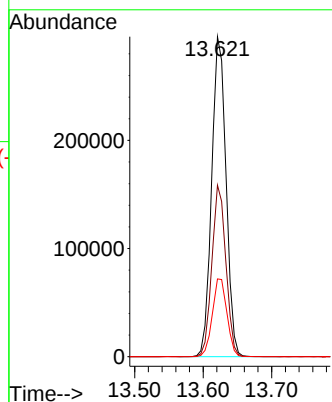
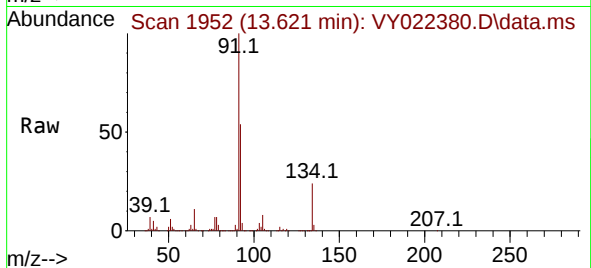
Tgt Ion: 91 Resp: 429840

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 24.8 12.4 37.4



#90

Hexachloroethane

Concen: 53.097 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022380.D

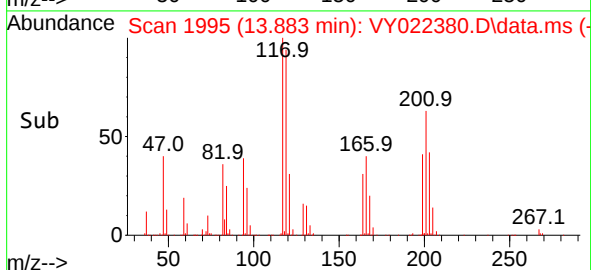
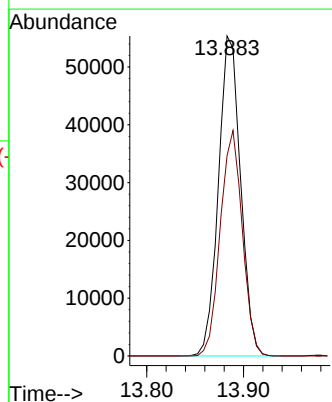
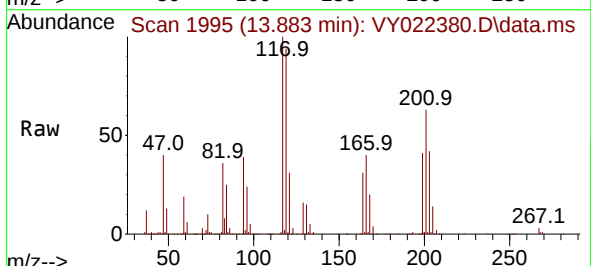
Acq: 22 May 2025 08:35

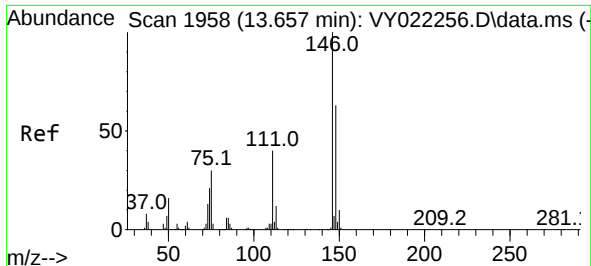
Tgt Ion: 117 Resp: 87959

Ion Ratio Lower Upper

117 100

201 70.1 35.2 105.6

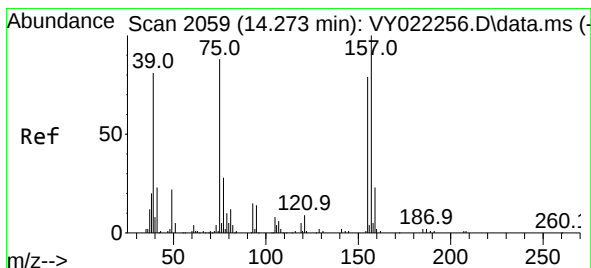
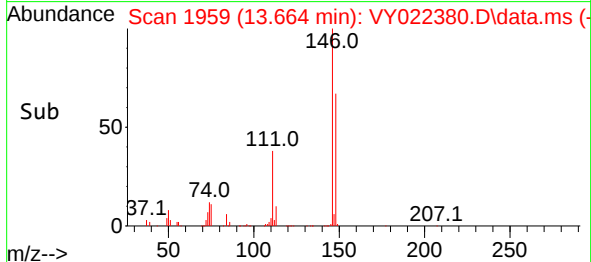
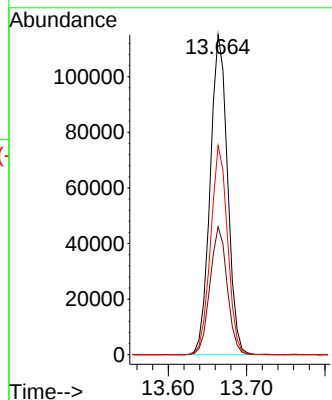
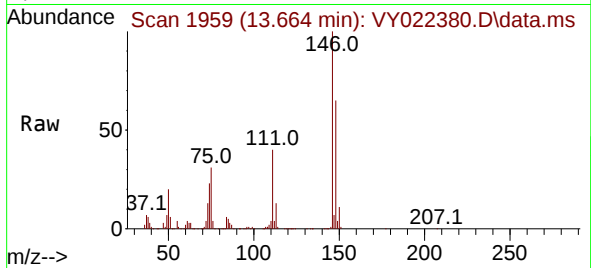




#91
 1,2-Dichlorobenzene
 Concen: 52.741 ug/l
 RT: 13.664 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

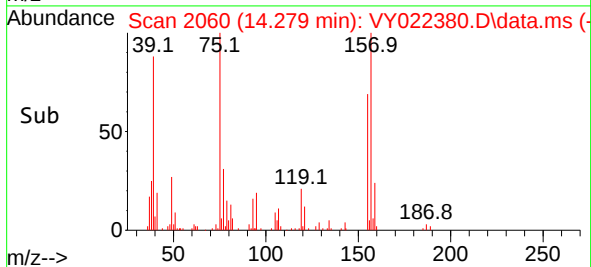
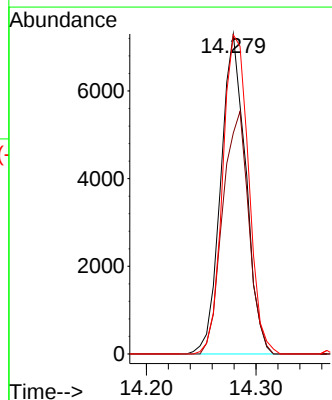
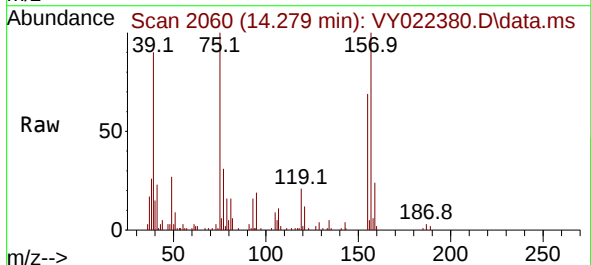
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

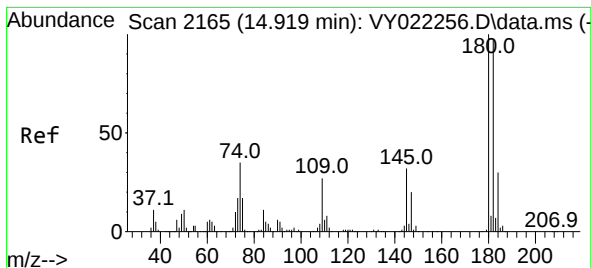
Tgt Ion:146 Resp: 176961
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.5 61.5
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.863 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

Tgt Ion: 75 Resp: 11556
 Ion Ratio Lower Upper
 75 100
 155 78.9 43.4 130.1
 157 103.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 53.492 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

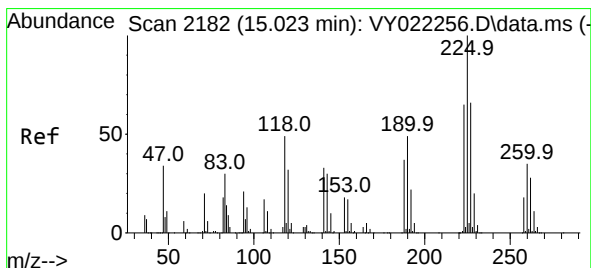
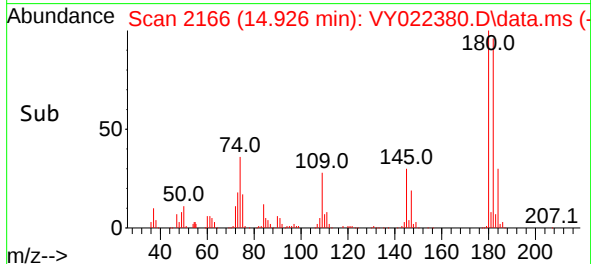
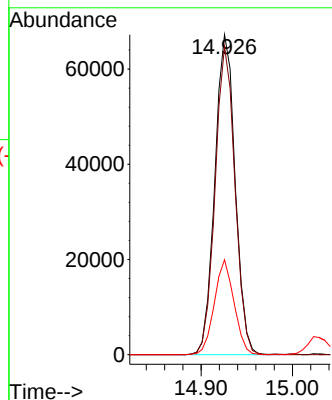
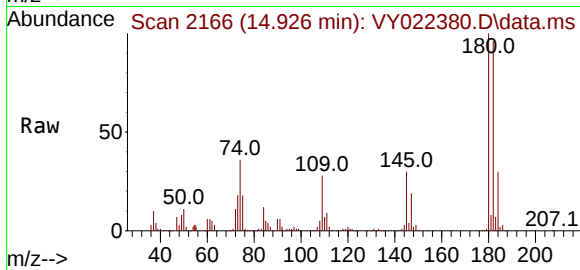
Tgt Ion:180 Resp: 103673

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.0

145 28.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 52.980 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

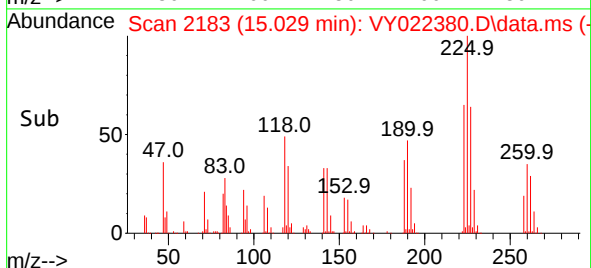
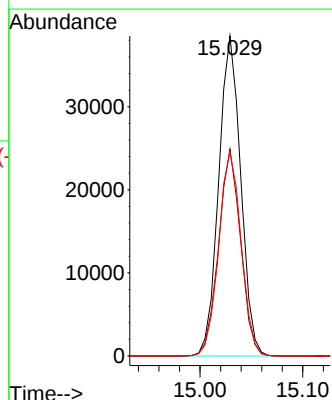
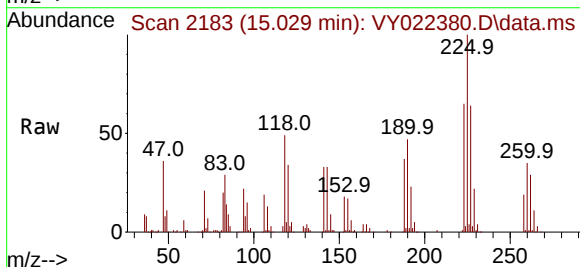
Tgt Ion:225 Resp: 57263

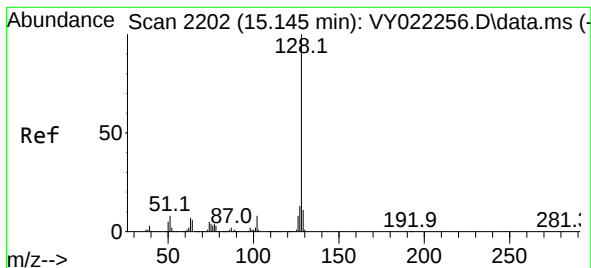
Ion Ratio Lower Upper

225 100

223 64.6 31.5 94.5

227 64.9 32.1 96.3





#95

Naphthalene

Concen: 50.990 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

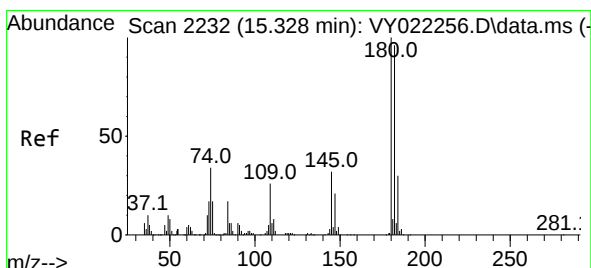
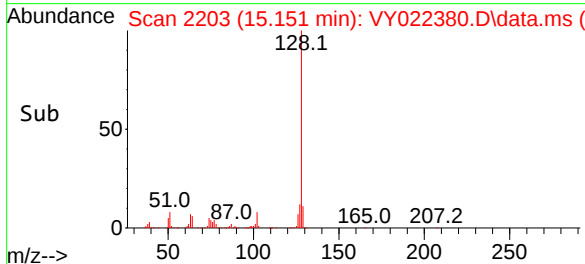
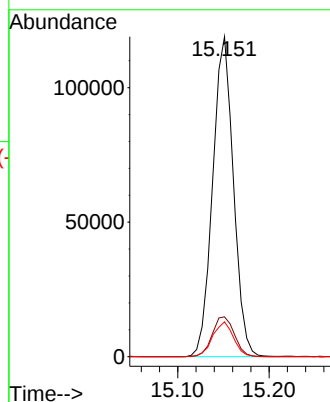
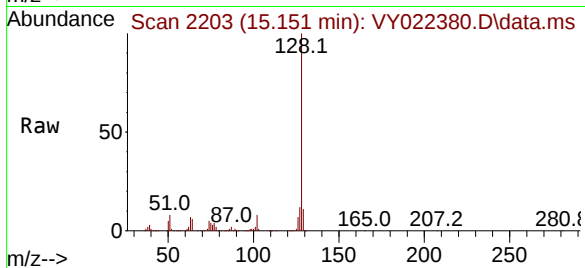
Tgt Ion:128 Resp: 187535

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.428 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Tgt Ion:180 Resp: 86200

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.3

145 31.2 15.9 47.6

