

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022422.D
 Acq On : 27 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: May 28 15:23:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	256391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	436685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	362684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	26927	9.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.940%#
35) Dibromofluoromethane	7.640	113	24509	9.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.160%#
50) Toluene-d8	10.109	98	98965	9.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.980%#
62) 4-Bromofluorobenzene	12.408	95	28894	9.163	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.320%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26076	10.660	ug/l	95
3) Chloromethane	2.068	50	68253	11.343	ug/l	98
4) Vinyl Chloride	2.208	62	76561	10.474	ug/l	96
5) Bromomethane	2.598	94	65697	9.890	ug/l	97
6) Chloroethane	2.745	64	45164	9.455	ug/l	98
7) Trichlorofluoromethane	3.056	101	60209	9.763	ug/l	100
8) Diethyl Ether	3.464	74	14042	9.875	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	26527	9.804	ug/l	99
10) Methyl Iodide	4.013	142	26870	8.803	ug/l	97
11) Tert butyl alcohol	4.897	59	9619	50.532	ug/l	97
12) 1,1-Dichloroethene	3.793	96	26273	9.781	ug/l	90
13) Acrolein	3.665	56	13770	48.278	ug/l	97
14) Allyl chloride	4.385	41	38553	9.541	ug/l	94
15) Acrylonitrile	5.068	53	28120	49.059	ug/l	98
16) Acetone	3.873	43	23174	52.221	ug/l	95
17) Carbon Disulfide	4.116	76	85913	10.022	ug/l	100
18) Methyl Acetate	4.397	43	16359	9.841	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	69672	9.769	ug/l	98
20) Methylene Chloride	4.622	84	34301	10.946	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	28516	9.724	ug/l	94
22) Diisopropyl ether	6.025	45	87002	9.756	ug/l	97
23) Vinyl Acetate	5.970	43	244848	47.816	ug/l	98
24) 1,1-Dichloroethane	5.915	63	50541	9.591	ug/l	97
25) 2-Butanone	6.903	43	36872	49.890	ug/l	96
26) 2,2-Dichloropropane	6.896	77	46164	9.675	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	33197	9.778	ug/l	99
28) Bromochloromethane	7.250	49	21845	9.927	ug/l	98
29) Tetrahydrofuran	7.268	42	24020	48.732	ug/l	97
30) Chloroform	7.427	83	49760	9.583	ug/l	94
31) Cyclohexane	7.707	56	53552	10.309	ug/l #	94
32) 1,1,1-Trichloroethane	7.622	97	45829	9.725	ug/l	98
36) 1,1-Dichloropropene	7.841	75	38161	9.404	ug/l	98
37) Ethyl Acetate	6.994	43	16222	9.406	ug/l	97
38) Carbon Tetrachloride	7.829	117	39797	9.414	ug/l	92
39) Methylcyclohexane	9.109	83	52603	9.751	ug/l	98
40) Benzene	8.085	78	114576	9.489	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	14369	13.727	ug/l #	50
42) 1,2-Dichloroethane	8.165	62	30350	9.517	ug/l	99
43) Isopropyl Acetate	8.207	43	36584	9.707	ug/l	98
44) Trichloroethene	8.872	130	28407	9.516	ug/l	95
45) 1,2-Dichloropropane	9.146	63	26802	9.447	ug/l	98
46) Dibromomethane	9.238	93	14820	9.351	ug/l	98
47) Bromodichloromethane	9.427	83	39207	9.620	ug/l	97
48) Methyl methacrylate	9.225	41	16163	9.239	ug/l	95
49) 1,4-Dioxane	9.238	88	3170	181.086	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	86201	46.358	ug/l	98
52) Toluene	10.176	92	70294	9.320	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	36171	9.528	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	41945	9.403	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	18882	9.423	ug/l	98
56) Ethyl methacrylate	10.445	69	26658	9.270	ug/l	99
57) 1,3-Dichloropropane	10.719	76	33854	9.587	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	66205	46.196	ug/l	100
59) 2-Hexanone	10.762	43	54792	44.963	ug/l	99
60) Dibromochloromethane	10.914	129	23908	9.340	ug/l	99
61) 1,2-Dibromoethane	11.018	107	16524	9.016	ug/l	91
64) Tetrachloroethene	10.652	164	30237	9.789	ug/l	95
65) Chlorobenzene	11.444	112	72507	9.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	23791	9.080	ug/l	95
67) Ethyl Benzene	11.524	91	132623	9.236	ug/l	99
68) m/p-Xylenes	11.633	106	95743	17.586	ug/l	95
69) o-Xylene	11.957	106	46196	9.028	ug/l	98
70) Styrene	11.975	104	73993	8.685	ug/l	97
71) Bromoform	12.133	173	12746	9.287	ug/l #	99
73) Isopropylbenzene	12.255	105	121960	9.507	ug/l	99
74) N-amyl acetate	12.072	43	28607	9.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	18720	9.262	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	27985	17.141	ug/l #	100
77) Bromobenzene	12.536	156	26457	9.584	ug/l	99
78) n-propylbenzene	12.597	91	145616	9.459	ug/l	100
79) 2-Chlorotoluene	12.682	91	79070	9.488	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	93557	9.334	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	6931	9.601	ug/l	97
82) 4-Chlorotoluene	12.780	91	80299	9.356	ug/l	98
83) tert-Butylbenzene	12.999	119	83455	9.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	93094	9.230	ug/l	99
85) sec-Butylbenzene	13.176	105	123436	9.191	ug/l	99
86) p-Isopropyltoluene	13.292	119	100168	8.932	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	50790	9.144	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	49773	9.372	ug/l	95
89) n-Butylbenzene	13.621	91	93025	8.847	ug/l	98
90) Hexachloroethane	13.883	117	20778	9.310	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	43417	9.358	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3042	9.740	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	23591	9.172	ug/l	98
94) Hexachlorobutadiene	15.023	225	12088	8.956	ug/l	99
95) Naphthalene	15.145	128	42212	8.878	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	18071	8.567	ug/l	98

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QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

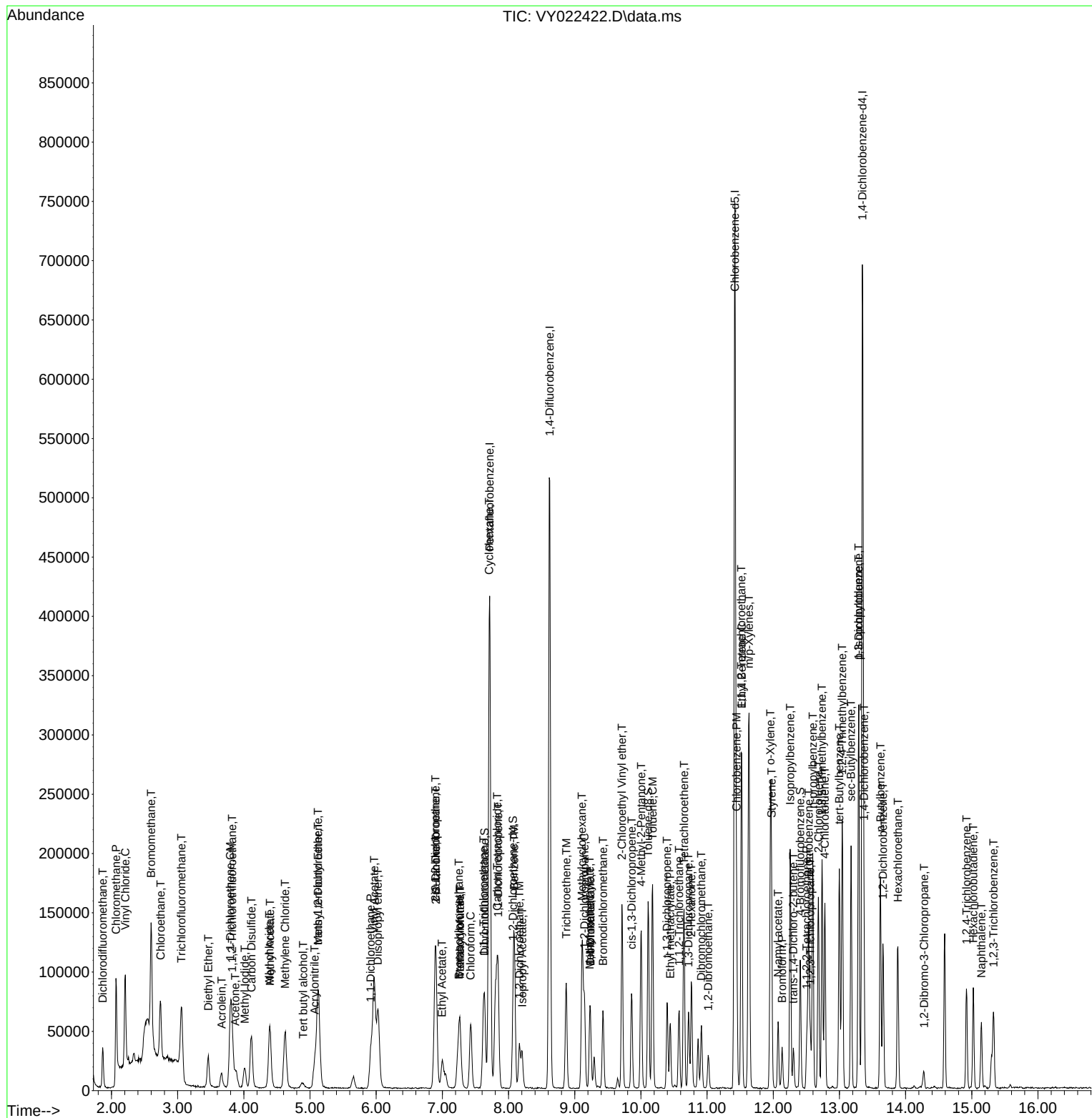
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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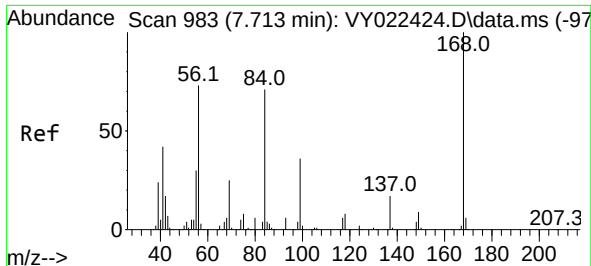
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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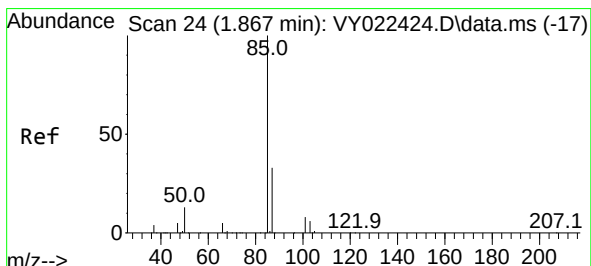
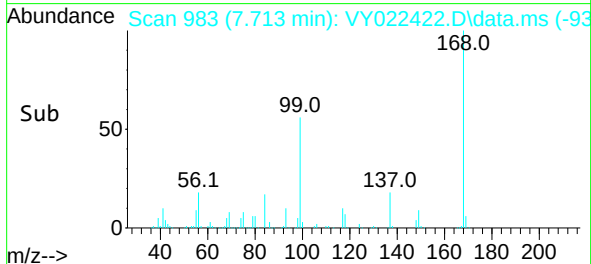
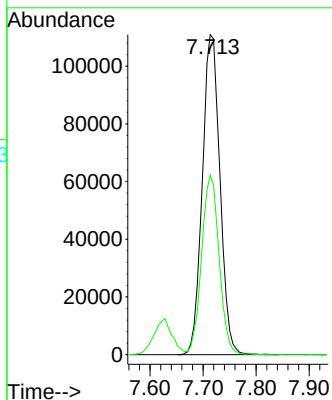
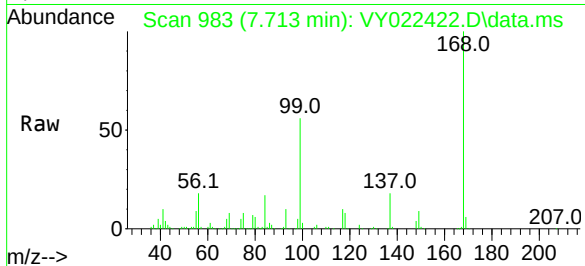




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022422.D
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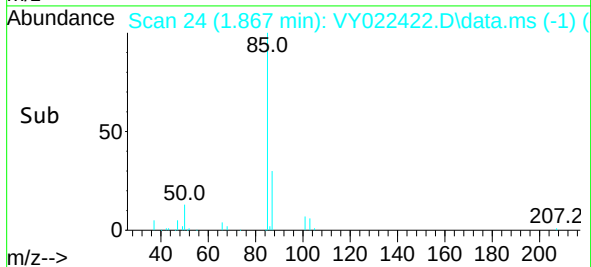
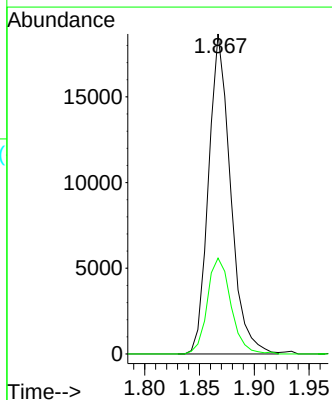
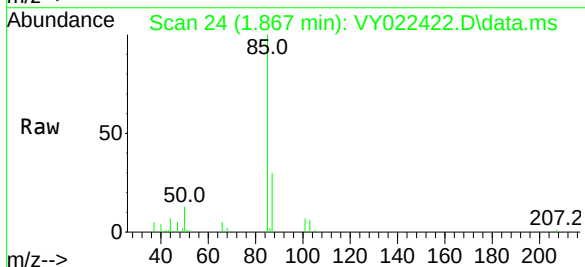
Instrument :
MSVOA_Y
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VSTDICC010

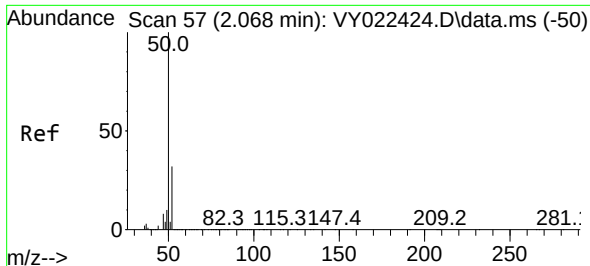
Tgt Ion:168 Resp: 256391
Ion Ratio Lower Upper
168 100
99 56.2 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 10.660 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 85 Resp: 26076
Ion Ratio Lower Upper
85 100
87 30.0 16.4 49.2

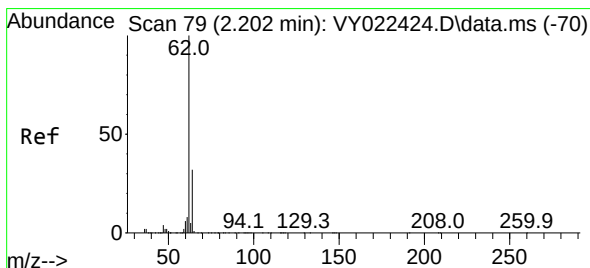
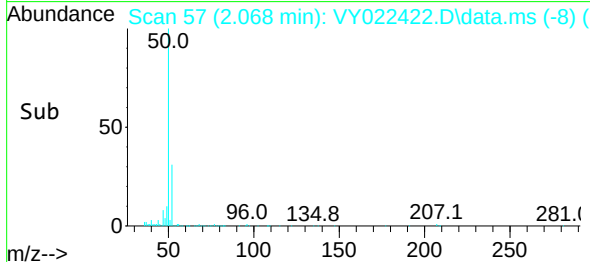
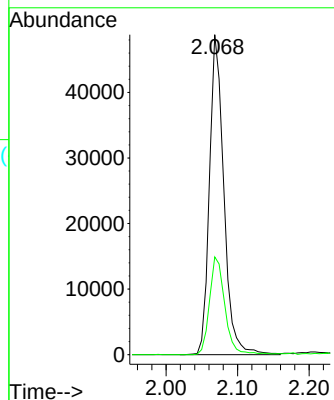
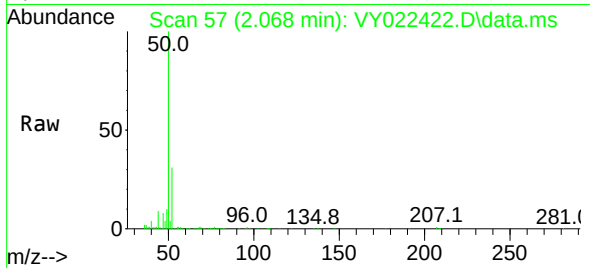




#3
Chloromethane
Concen: 11.343 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

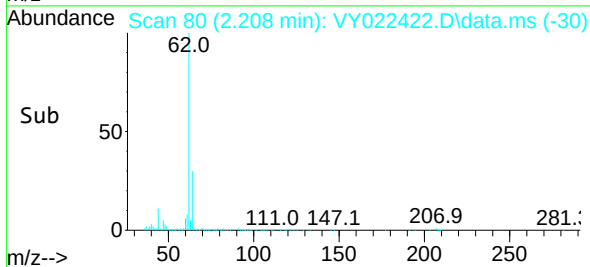
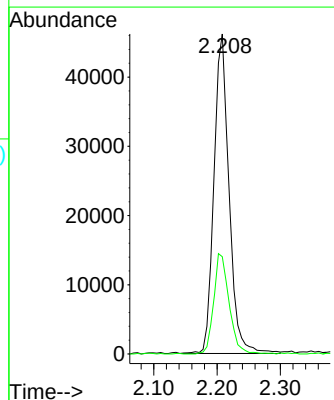
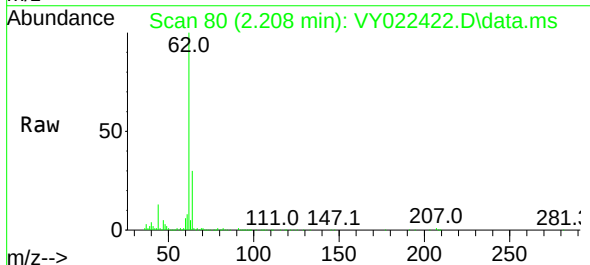
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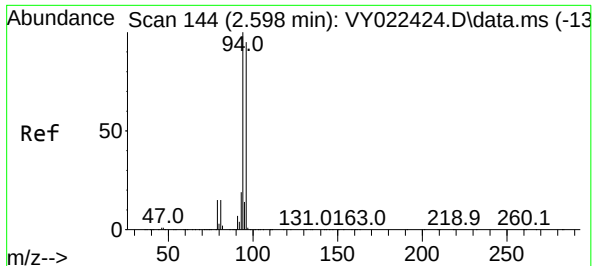
Tgt Ion: 50 Resp: 68253
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3



#4
Vinyl Chloride
Concen: 10.474 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 62 Resp: 76561
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

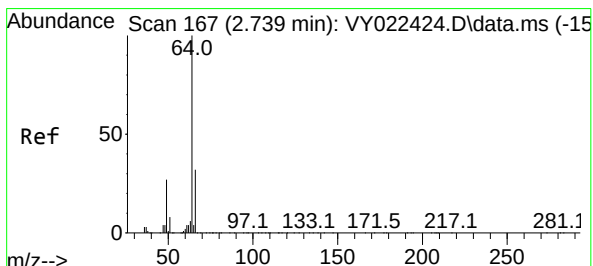
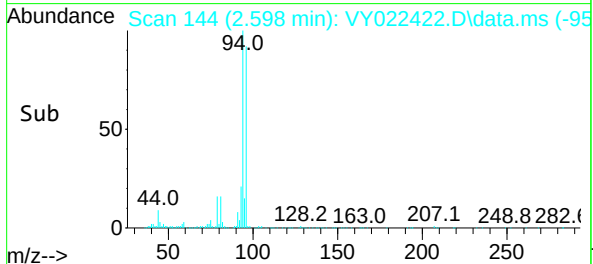
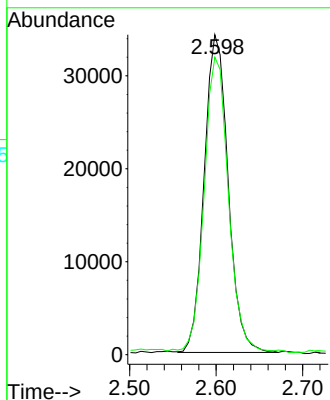
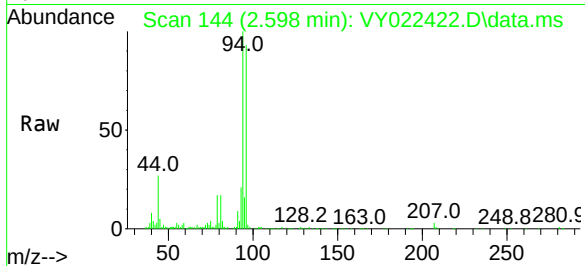




#5
Bromomethane
Concen: 9.890 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

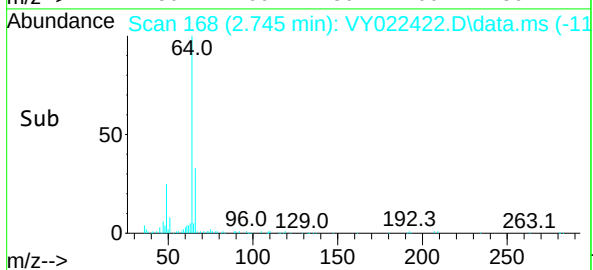
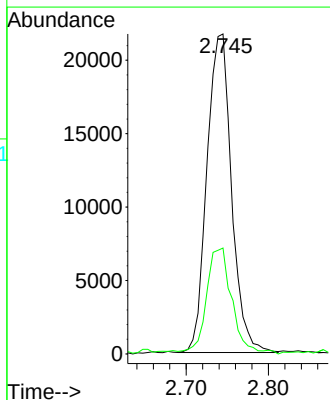
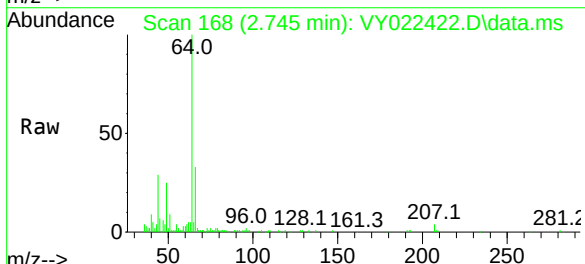
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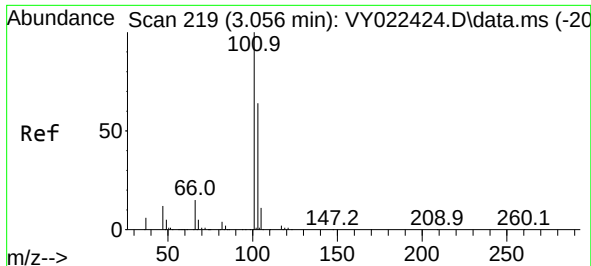
Tgt Ion: 94 Resp: 65697
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0



#6
Chloroethane
Concen: 9.455 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 64 Resp: 45164
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9

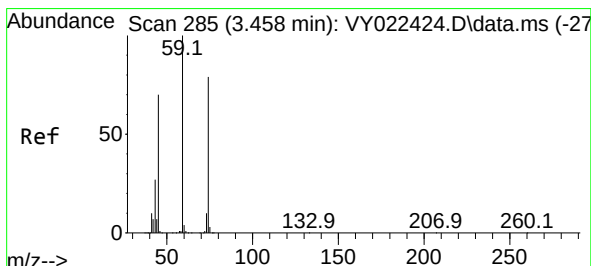
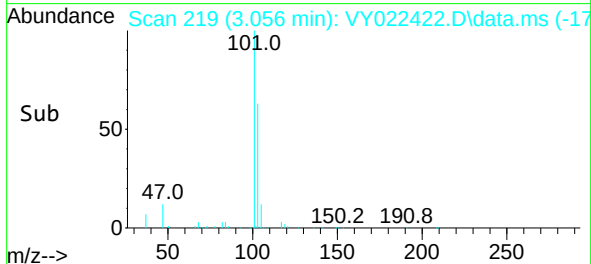
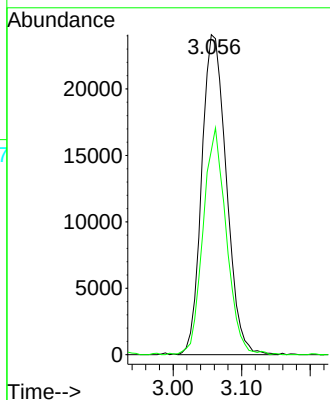
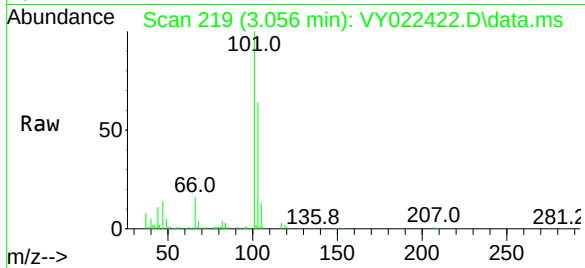




#7
 Trichlorofluoromethane
 Concen: 9.763 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

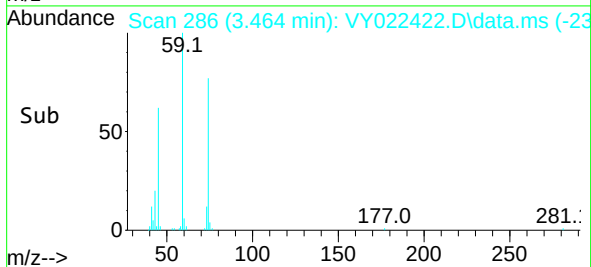
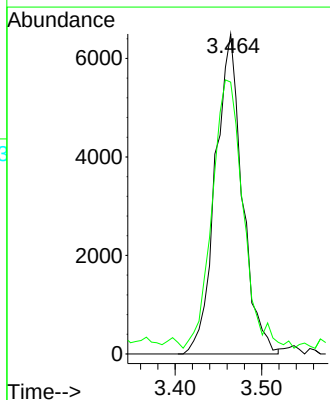
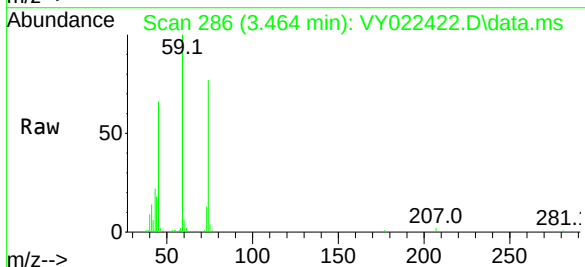
Instrument :
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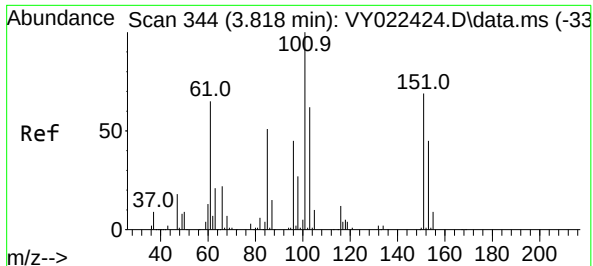
Tgt Ion:101 Resp: 60209
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 9.875 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

Tgt Ion: 74 Resp: 14042
 Ion Ratio Lower Upper
 74 100
 45 96.1 44.9 134.5

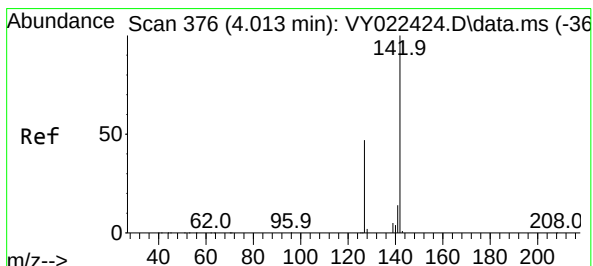
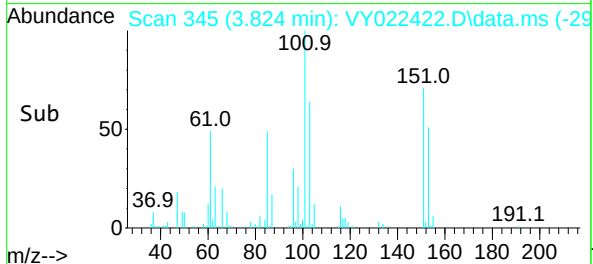
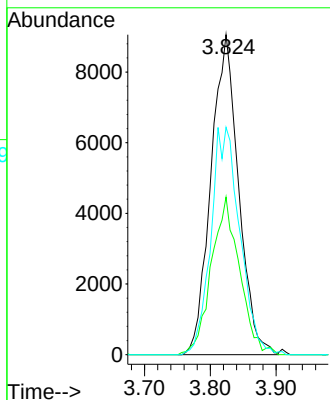
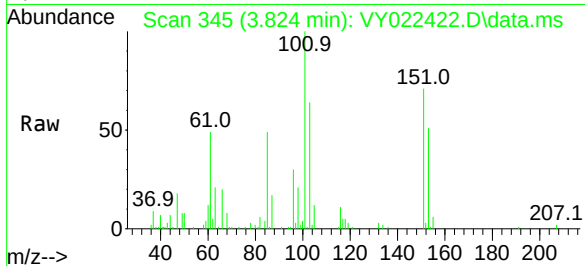




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.804 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

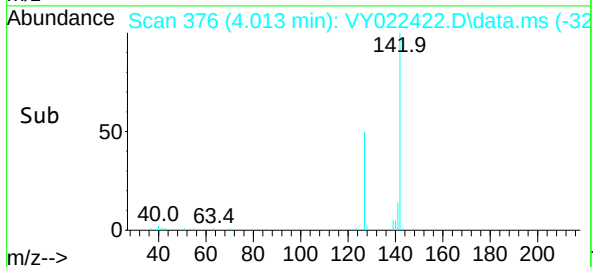
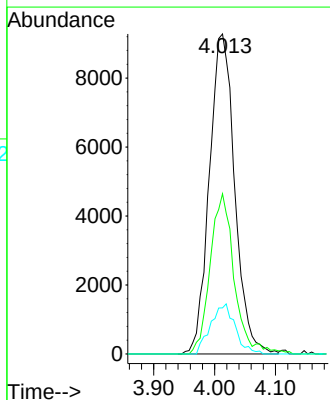
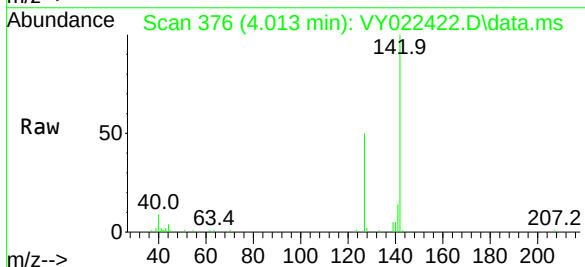
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

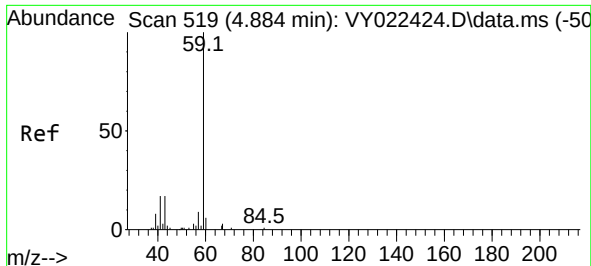
Tgt Ion:101 Resp: 26527
Ion Ratio Lower Upper
101 100
85 50.2 39.2 58.8
151 74.4 58.8 88.2



#10
Methyl Iodide
Concen: 8.803 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion:142 Resp: 26870
Ion Ratio Lower Upper
142 100
127 47.5 36.2 54.4
141 15.1 11.6 17.4

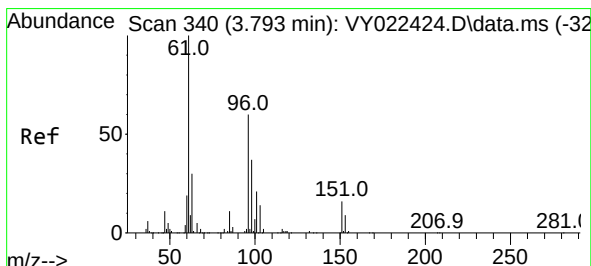
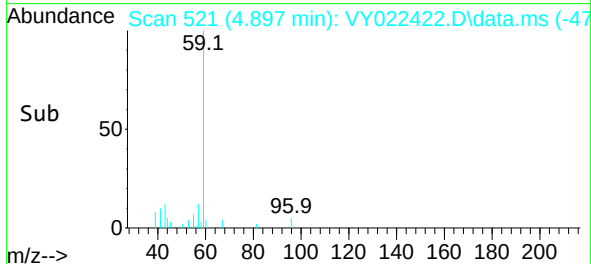
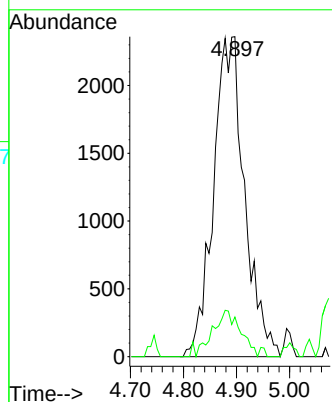
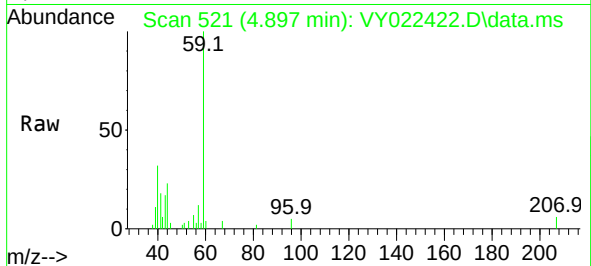




#11
Tert butyl alcohol
Concen: 50.532 ug/l
RT: 4.897 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

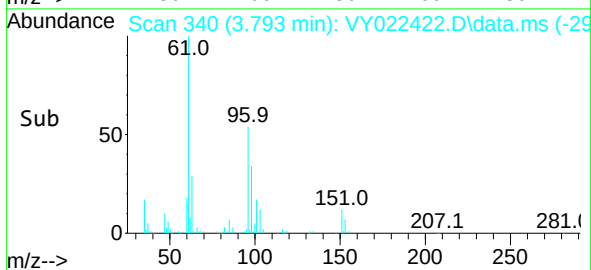
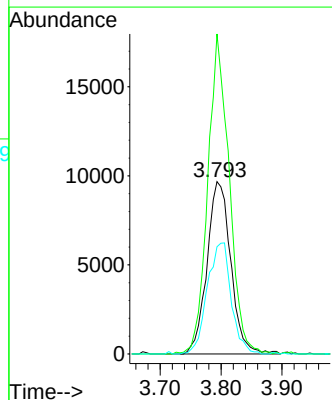
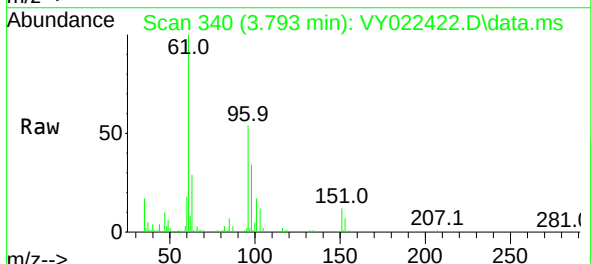
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

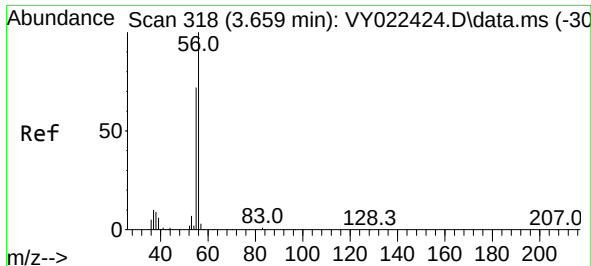
Tgt Ion: 59 Resp: 9619
Ion Ratio Lower Upper
59 100
57 12.7 9.1 13.7



#12
1,1-Dichloroethene
Concen: 9.781 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 96 Resp: 26273
Ion Ratio Lower Upper
96 100
61 185.6 134.1 201.1
98 62.2 50.2 75.2

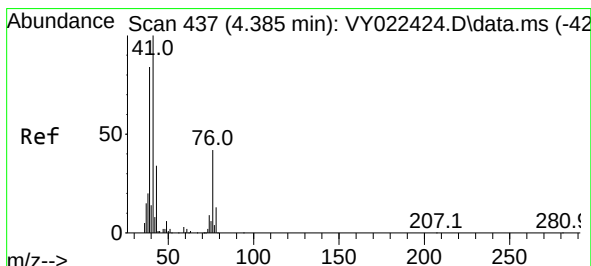
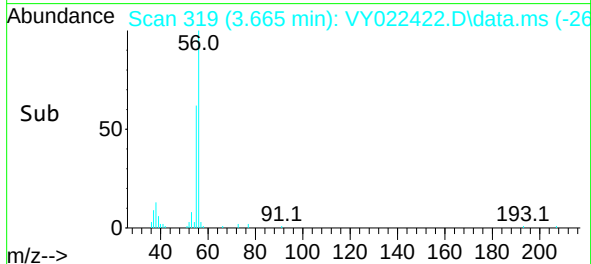
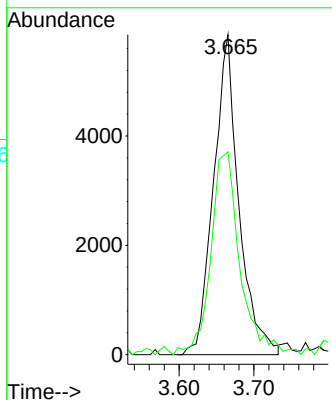
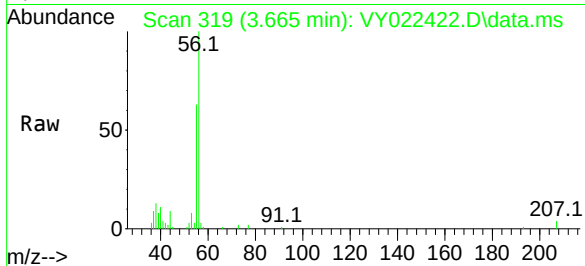




#13
Acrolein
Concen: 48.278 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

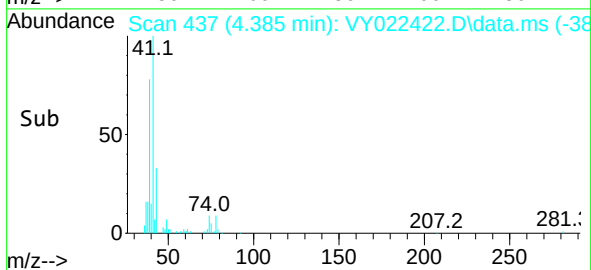
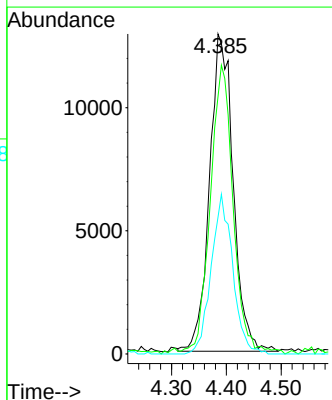
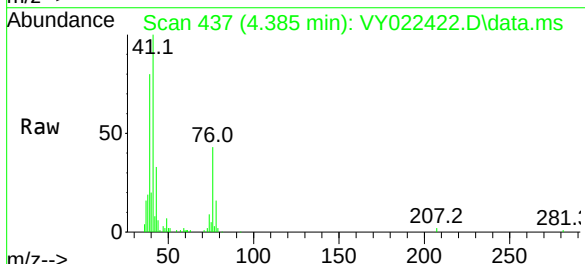
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

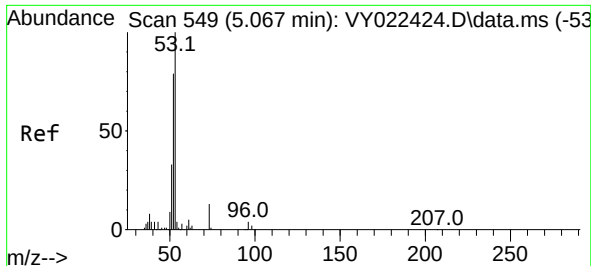
Tgt Ion: 56 Resp: 13770
Ion Ratio Lower Upper
56 100
55 72.9 56.5 84.7



#14
Allyl chloride
Concen: 9.541 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 41 Resp: 38553
Ion Ratio Lower Upper
41 100
39 88.5 66.6 100.0
76 46.0 33.7 50.5

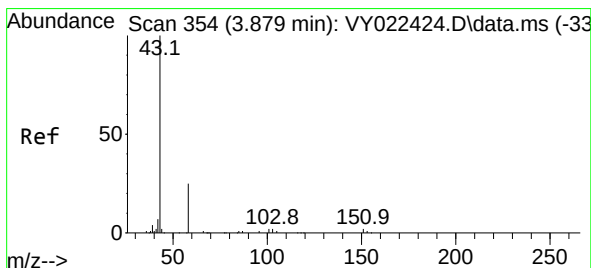
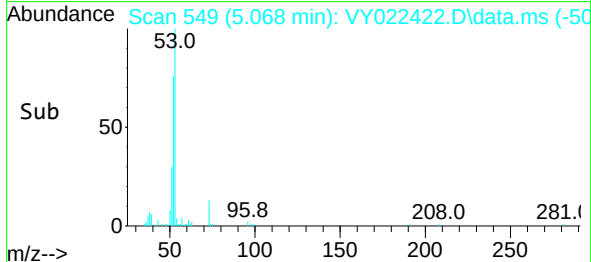
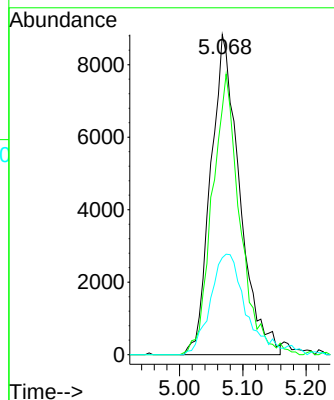
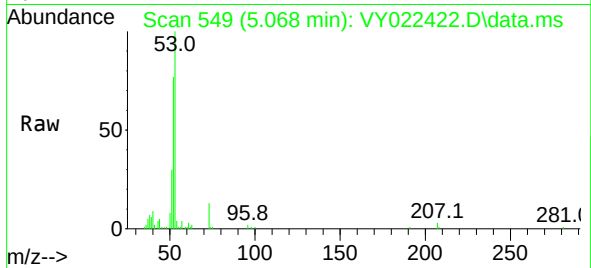




#15
Acrylonitrile
Concen: 49.059 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

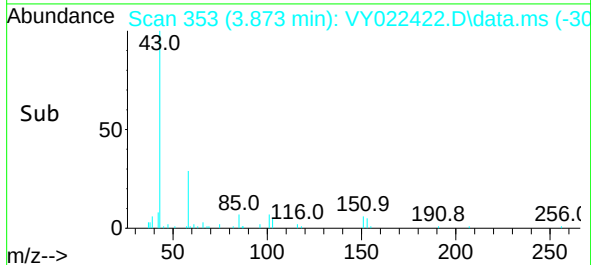
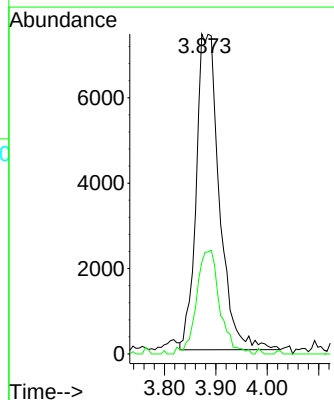
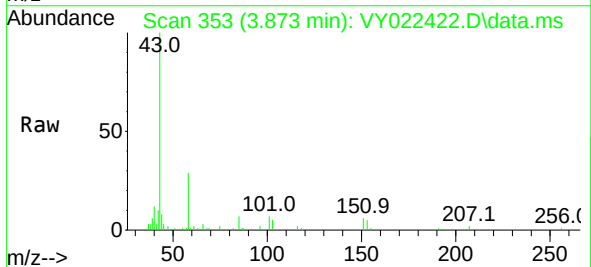
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

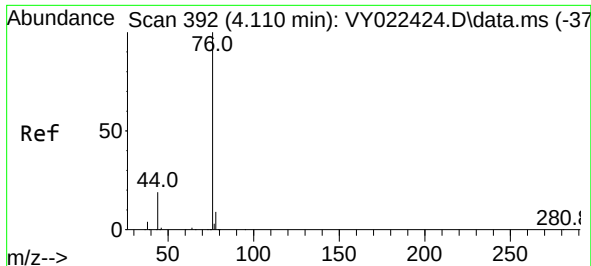
Tgt Ion: 53 Resp: 28120
Ion Ratio Lower Upper
53 100
52 83.6 65.1 97.7
51 38.0 30.0 45.0



#16
Acetone
Concen: 52.221 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 43 Resp: 23174
Ion Ratio Lower Upper
43 100
58 28.0 20.6 30.8

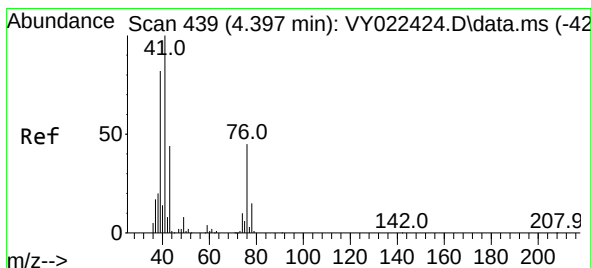
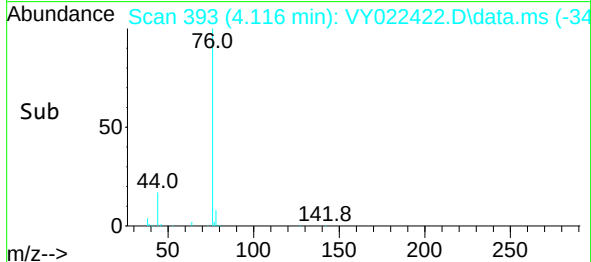
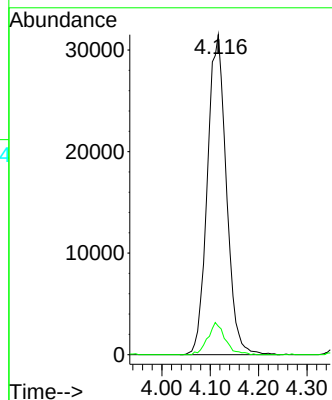
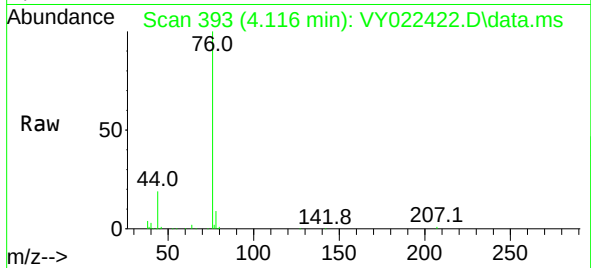




#17
Carbon Disulfide
Concen: 10.022 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

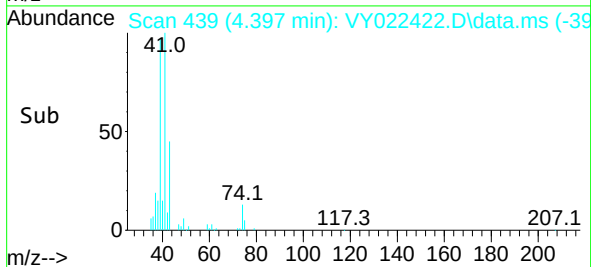
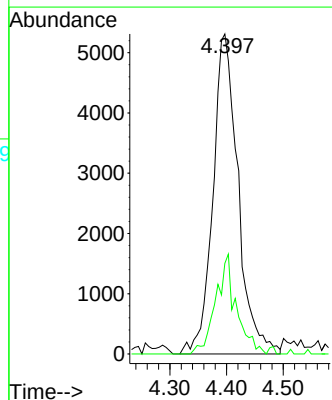
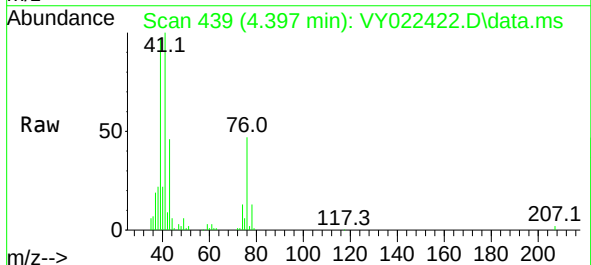
Instrument :
MSVOA_Y
ClientSampleId :
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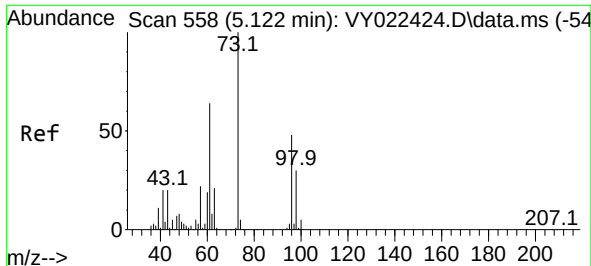
Tgt Ion: 76 Resp: 85913
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 9.841 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
74 25.5 21.2 31.8

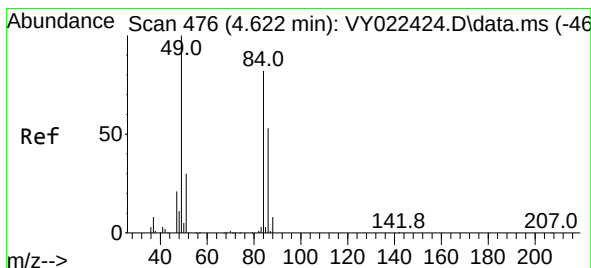
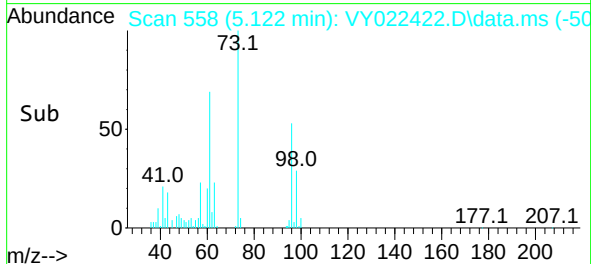
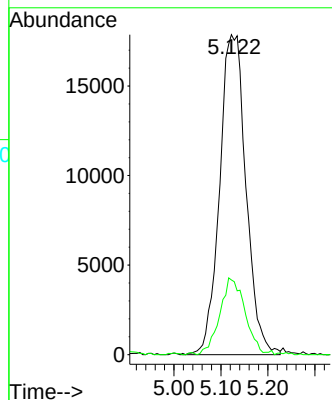
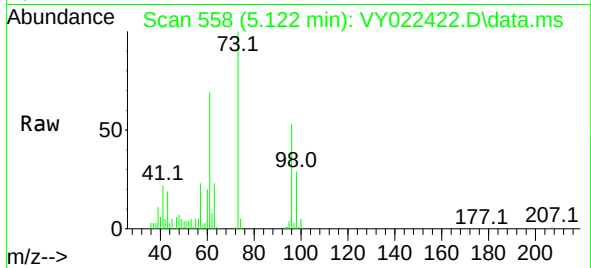




#19
Methyl tert-butyl Ether
Concen: 9.769 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

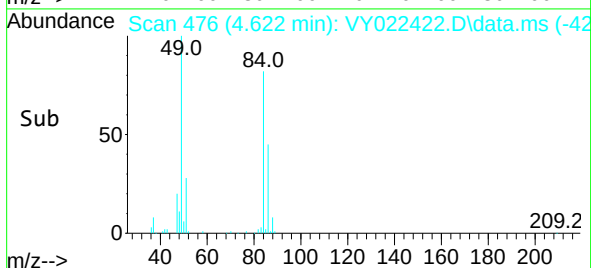
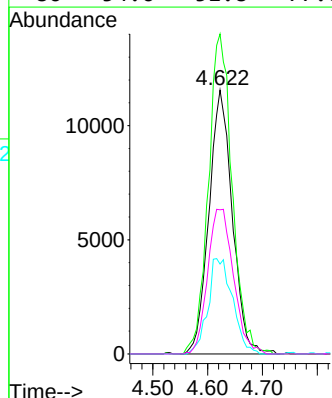
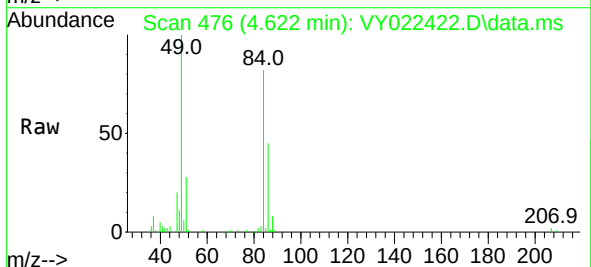
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

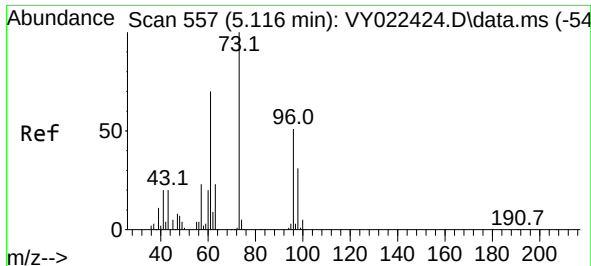
Tgt Ion: 73 Resp: 69672
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 10.946 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 84 Resp: 34301
Ion Ratio Lower Upper
84 100
49 121.3 97.8 146.8
51 34.1 29.5 44.3
86 54.6 51.8 77.6

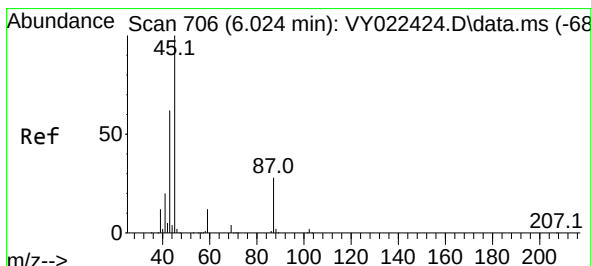
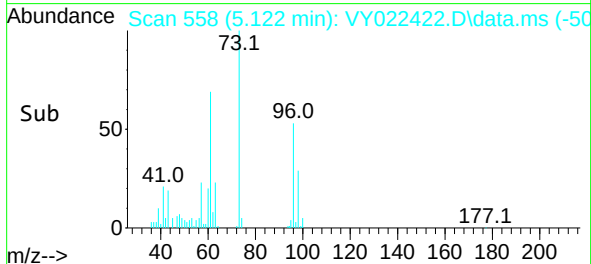
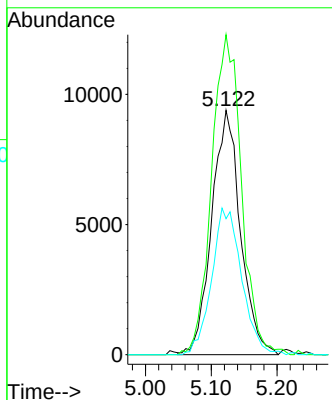
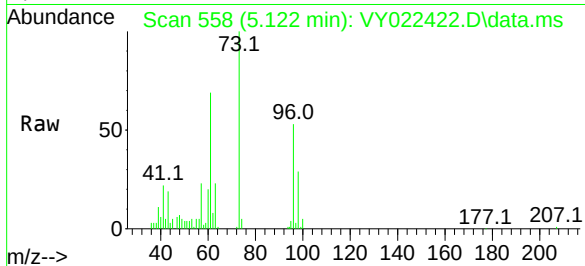




#21
trans-1,2-Dichloroethene
Concen: 9.724 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

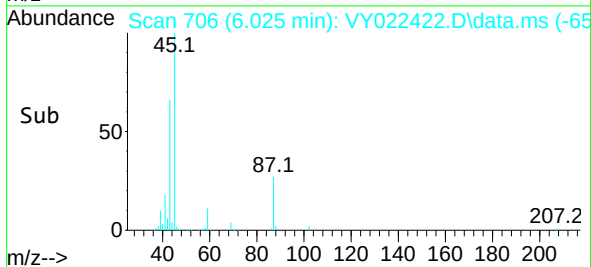
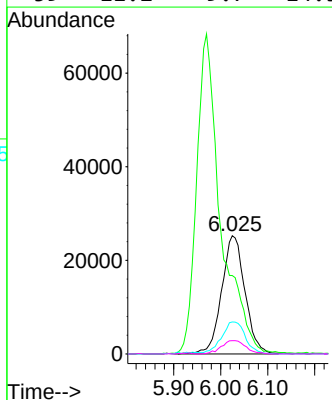
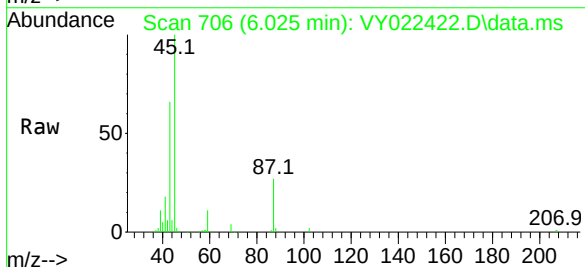
Instrument :
MSVOA_Y
ClientSampleId :
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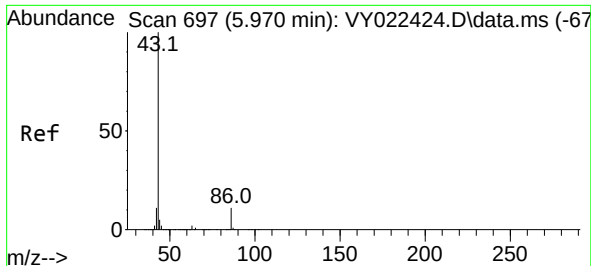
Tgt Ion: 96 Resp: 28516
Ion Ratio Lower Upper
96 100
61 131.0 110.4 165.6
98 55.7 48.6 73.0



#22
Diisopropyl ether
Concen: 9.756 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 45 Resp: 87002
Ion Ratio Lower Upper
45 100
43 65.0 49.8 74.8
87 27.1 23.0 34.6
59 11.2 9.7 14.5

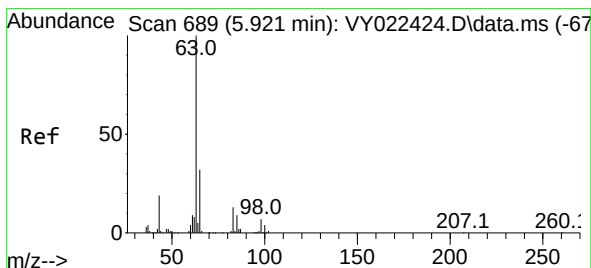
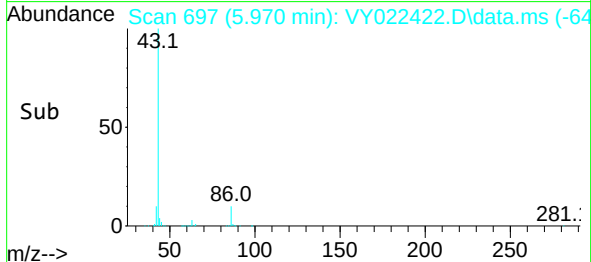
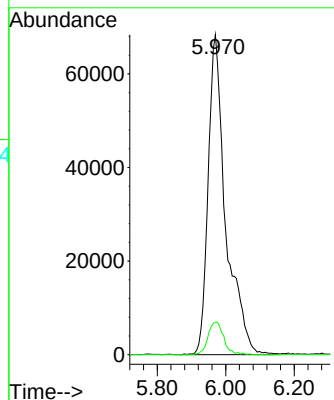
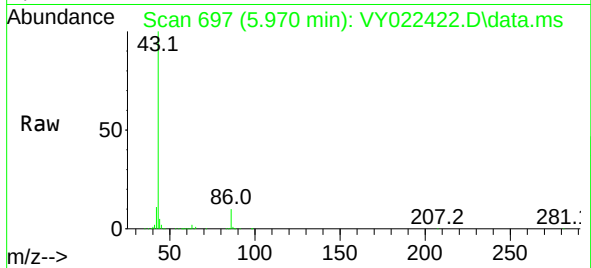




#23
 Vinyl Acetate
 Concen: 47.816 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

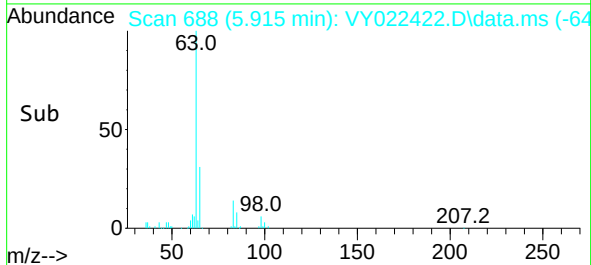
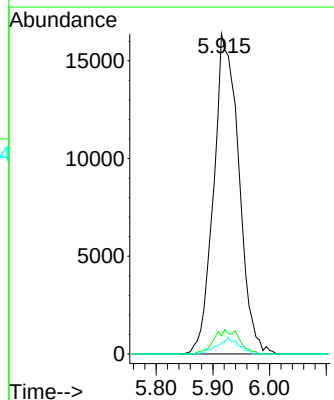
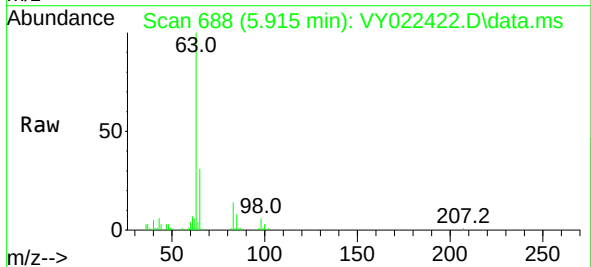
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

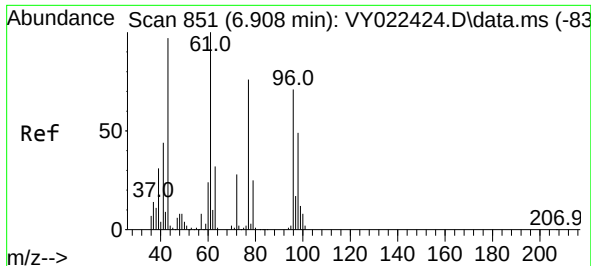
Tgt Ion: 43 Resp: 244848
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 9.591 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

Tgt Ion: 63 Resp: 50541
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.5
 100 3.5 2.1 6.5

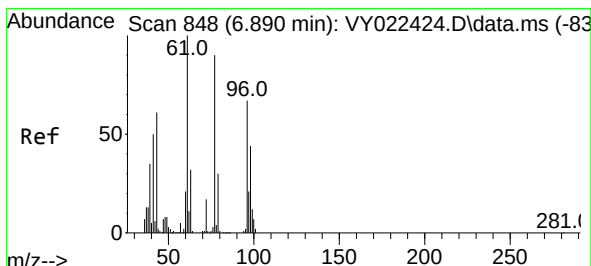
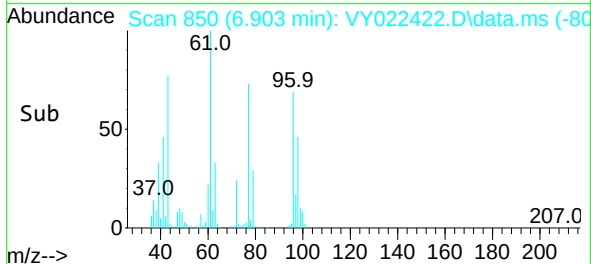
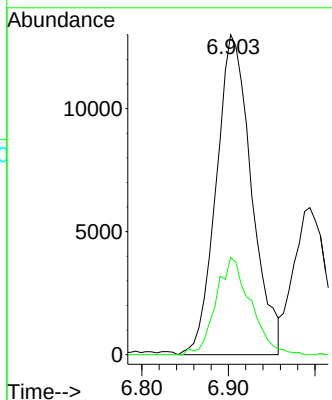
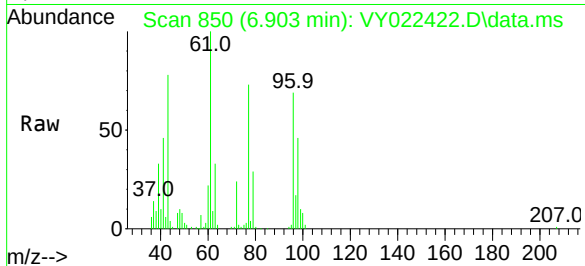




#25
2-Butanone
Concen: 49.890 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

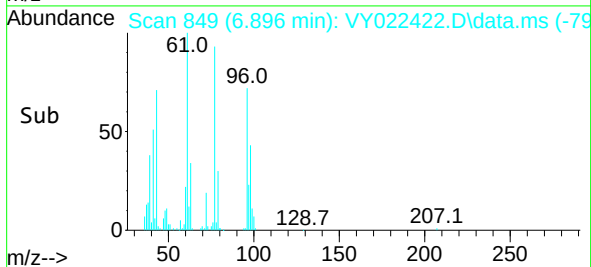
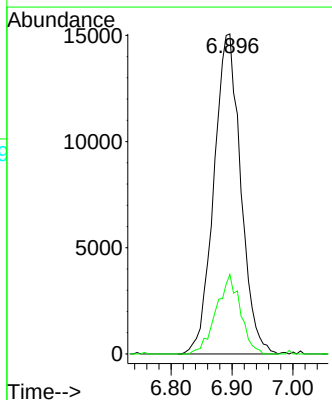
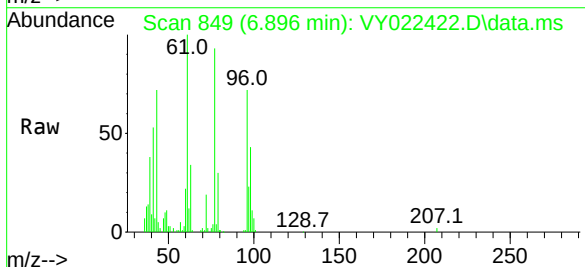
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

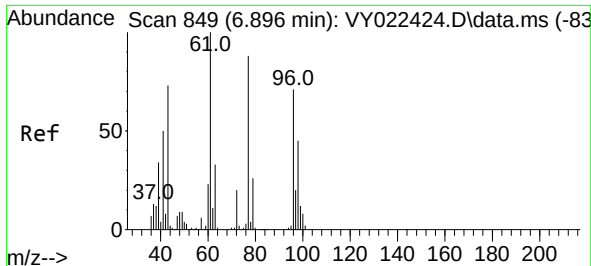
Tgt Ion: 43 Resp: 36872
Ion Ratio Lower Upper
43 100
72 30.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 9.675 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 77 Resp: 46164
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 9.778 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

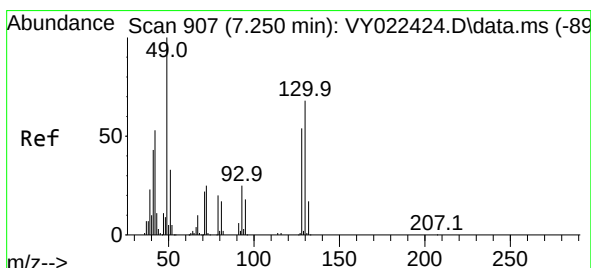
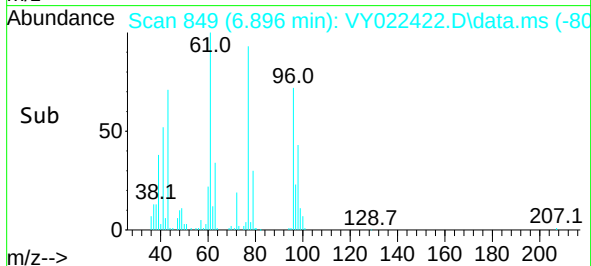
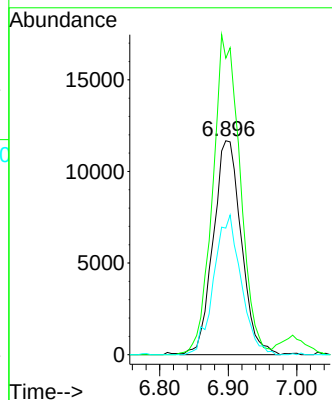
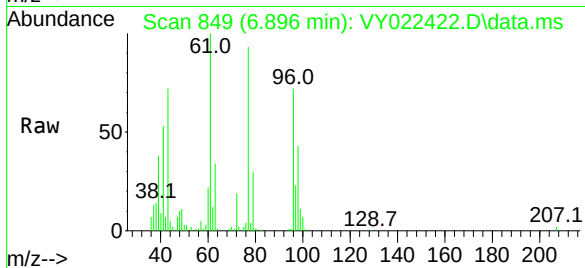
Tgt Ion: 96 Resp: 33197

Ion Ratio Lower Upper

96 100

61 145.9 0.0 292.0

98 63.4 0.0 131.0



#28

Bromochloromethane

Concen: 9.927 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

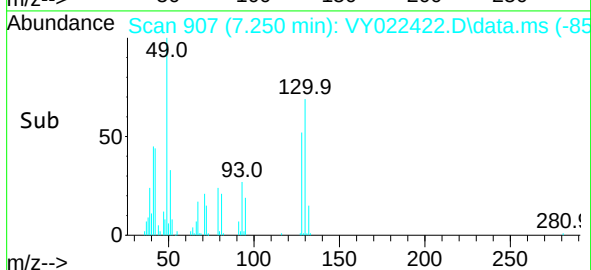
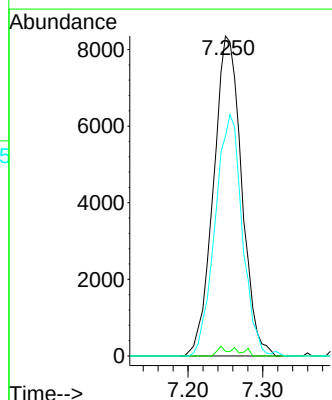
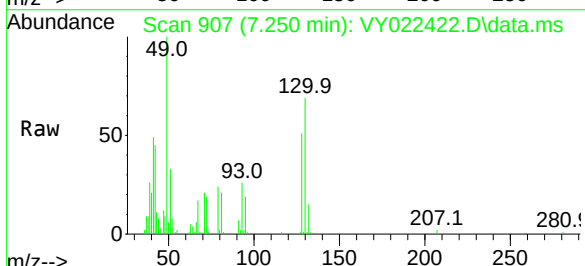
Tgt Ion: 49 Resp: 21845

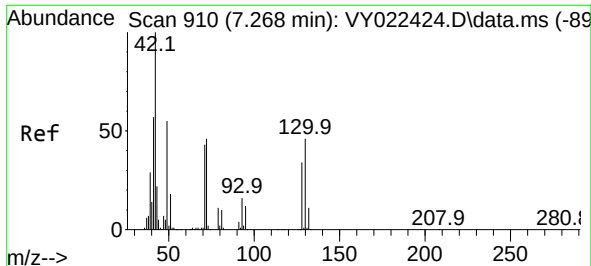
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 72.8 56.9 85.3

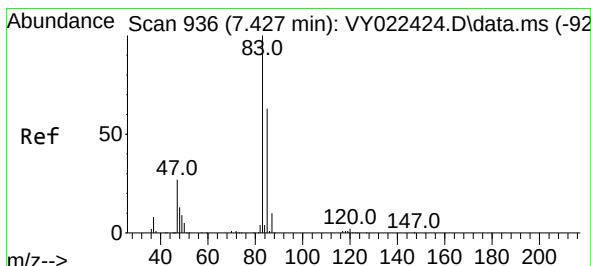
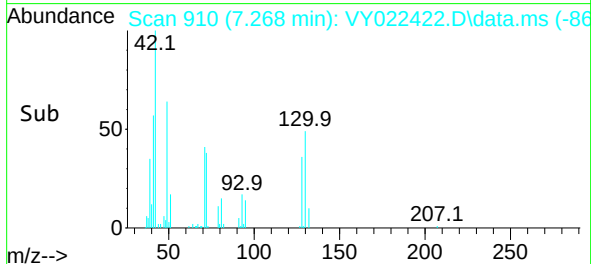
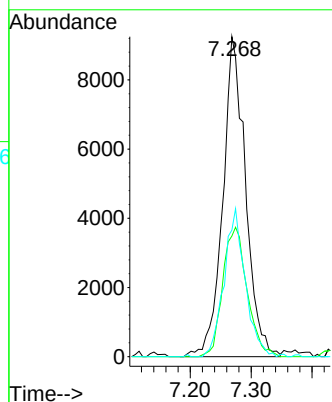
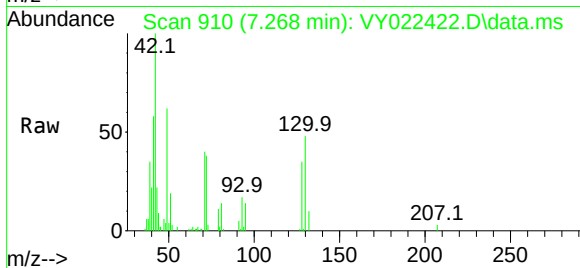




#29
Tetrahydrofuran
Concen: 48.732 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

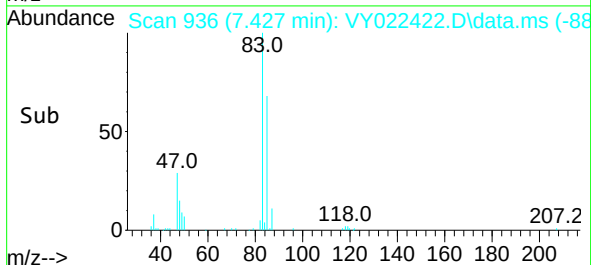
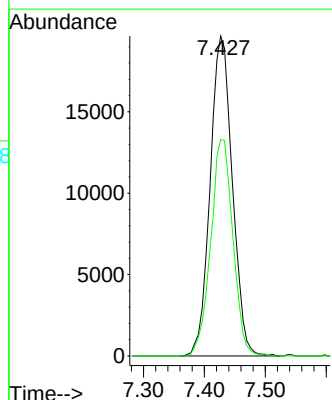
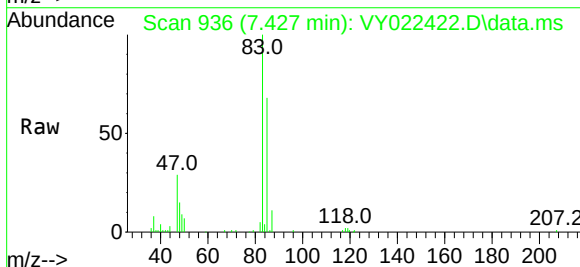
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

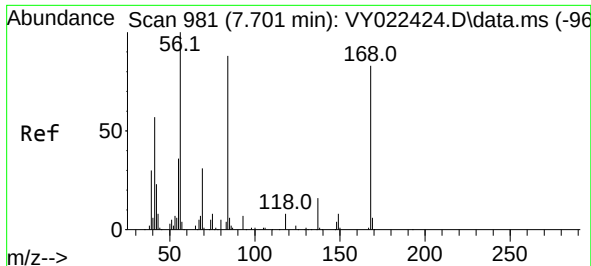
Tgt Ion: 42 Resp: 24020
Ion Ratio Lower Upper
42 100
72 43.2 37.7 56.5
71 43.0 34.7 52.1



#30
Chloroform
Concen: 9.583 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 83 Resp: 49760
Ion Ratio Lower Upper
83 100
85 67.6 50.1 75.1

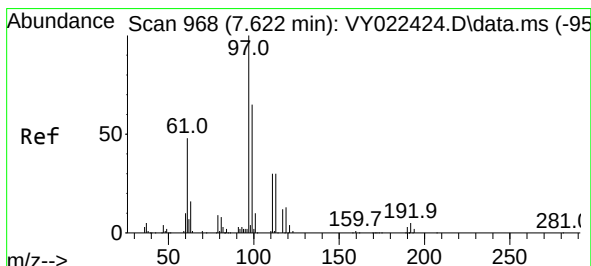
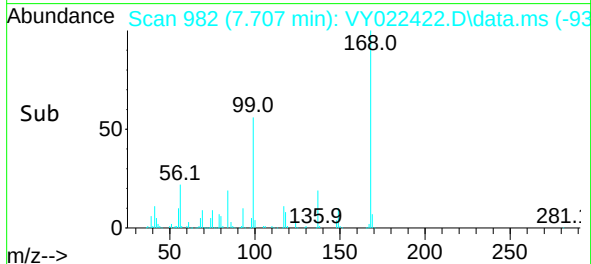
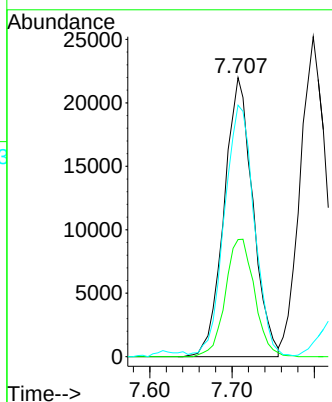
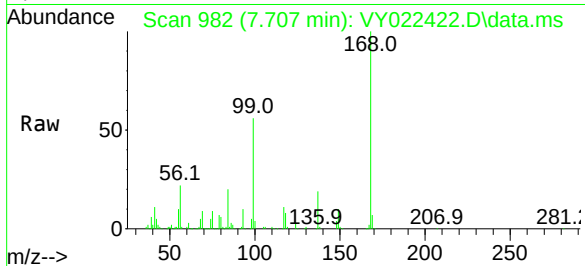




#31
Cyclohexane
Concen: 10.309 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

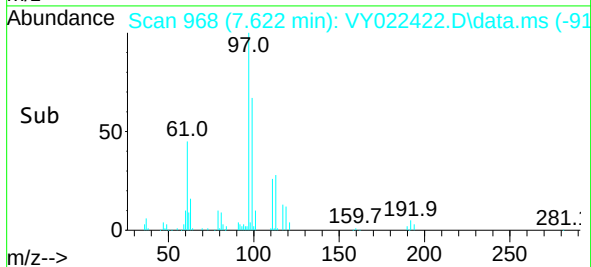
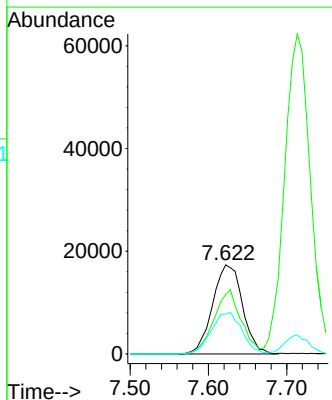
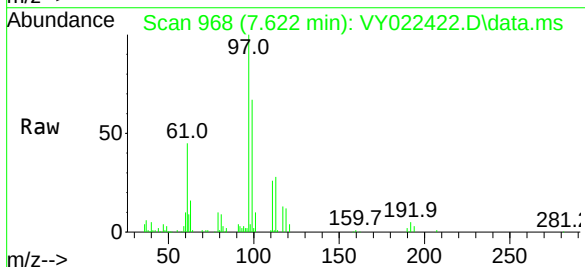
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

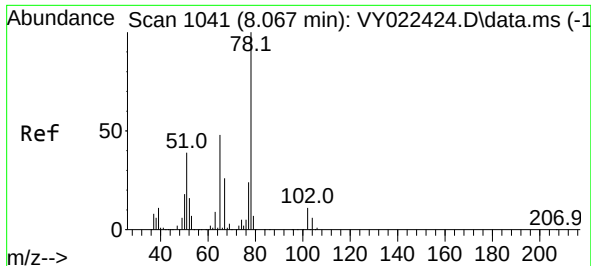
Tgt Ion: 56 Resp: 53552
Ion Ratio Lower Upper
56 100
69 41.9 24.6 36.8#
84 88.8 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 9.725 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 97 Resp: 45829
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 47.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 9.971 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

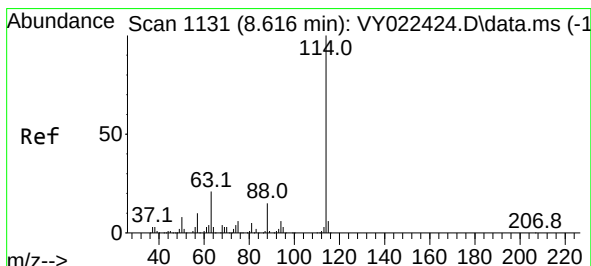
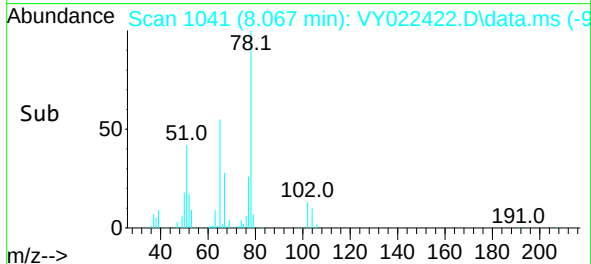
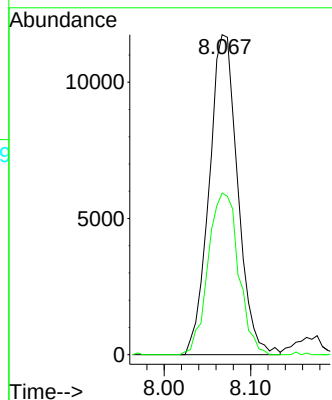
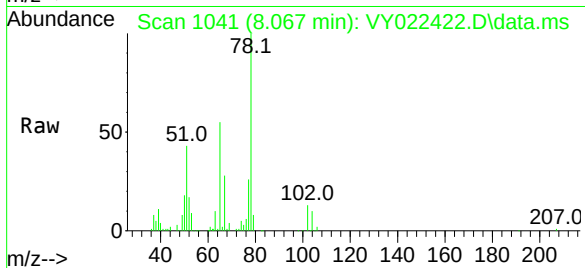
VSTDIC010

Tgt Ion: 65 Resp: 26927

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

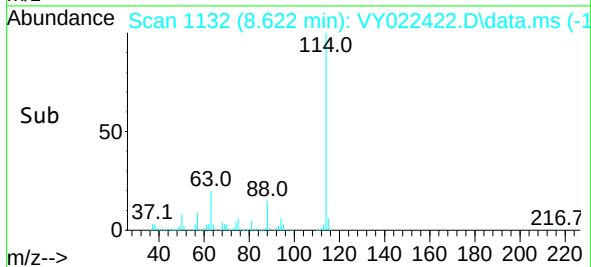
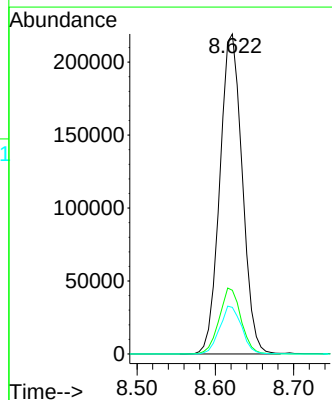
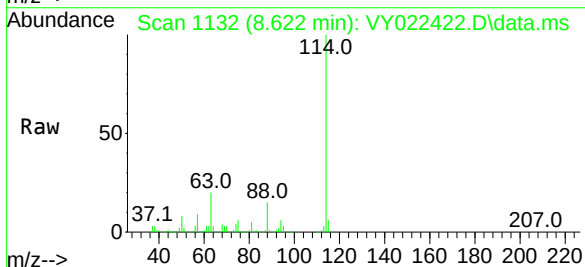
Tgt Ion: 114 Resp: 436685

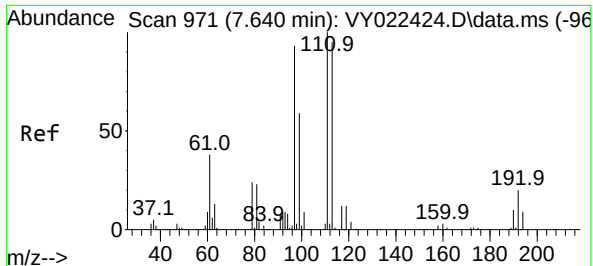
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 14.5 0.0 29.4

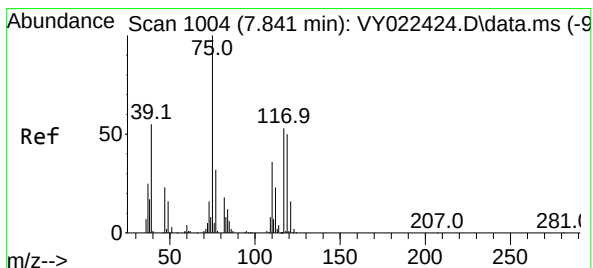
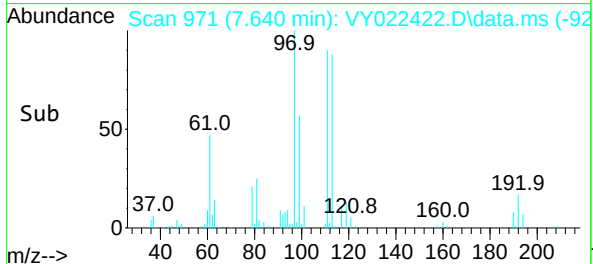
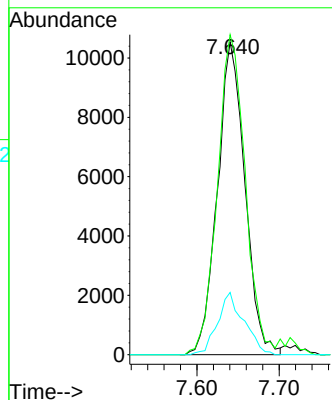
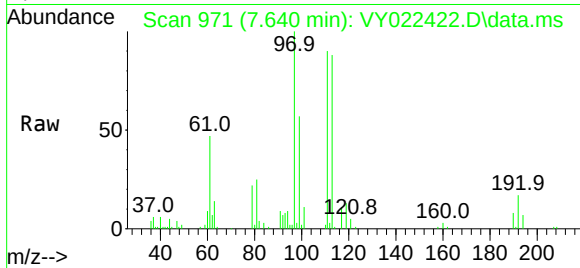




#35
Dibromofluoromethane
Concen: 9.584 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

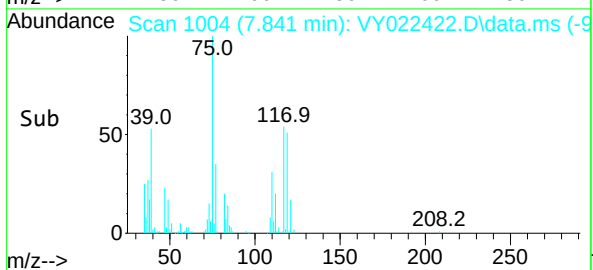
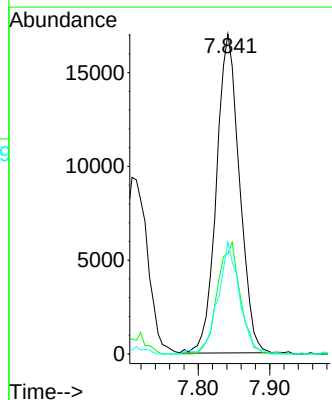
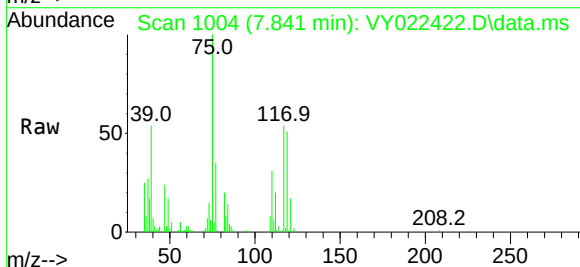
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

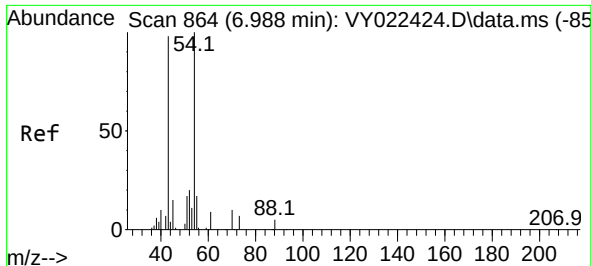
Tgt Ion:113 Resp: 24509
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 9.404 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 75 Resp: 38161
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.2
77 33.1 25.1 37.7





#37

Ethyl Acetate

Concen: 9.406 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

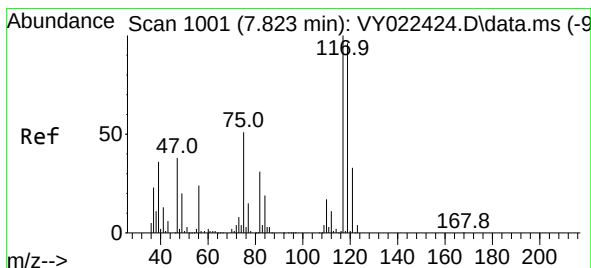
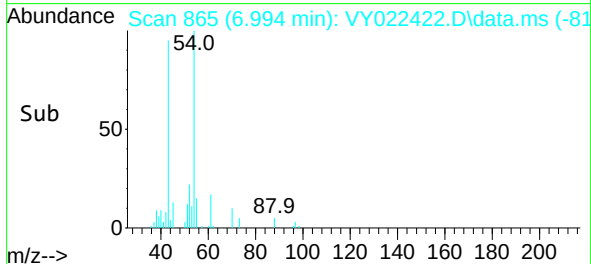
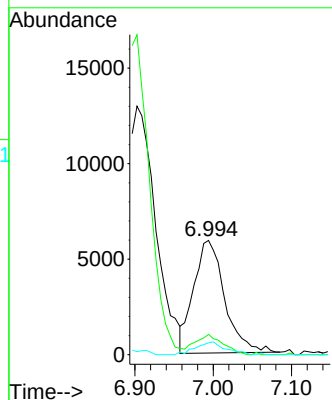
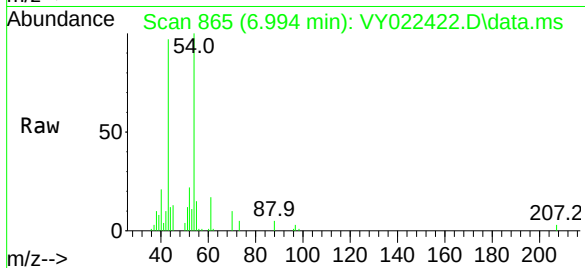
Tgt Ion: 43 Resp: 16222

Ion Ratio Lower Upper

43 100

61 15.9 11.7 17.5

70 10.8 7.8 11.6



#38

Carbon Tetrachloride

Concen: 9.414 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

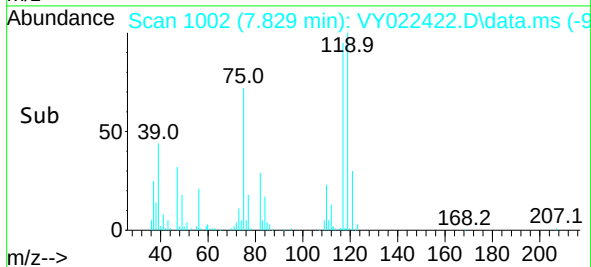
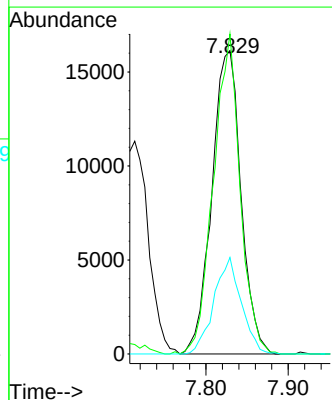
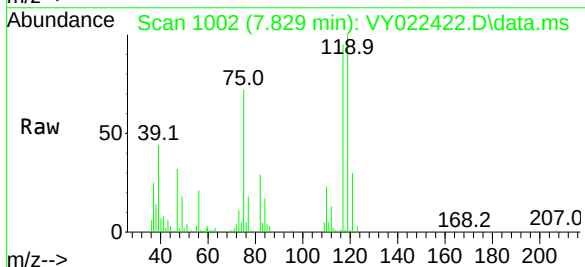
Tgt Ion: 117 Resp: 39797

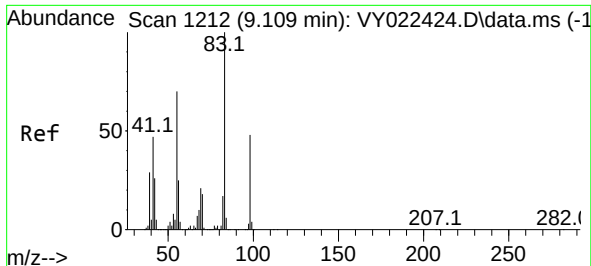
Ion Ratio Lower Upper

117 100

119 105.5 76.3 114.5

121 31.8 26.1 39.1





#39

Methylcyclohexane

Concen: 9.751 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

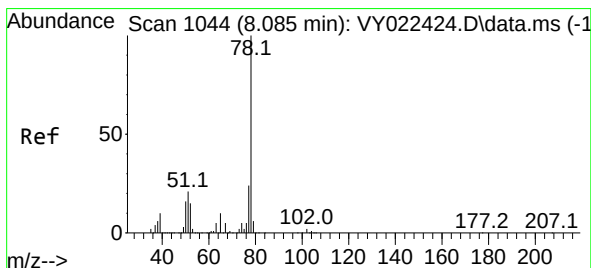
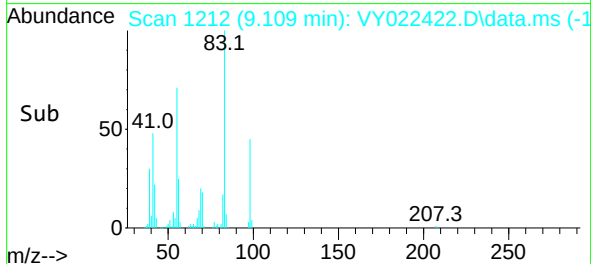
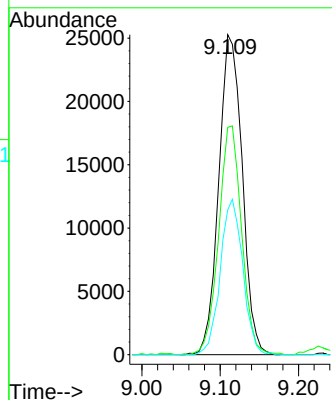
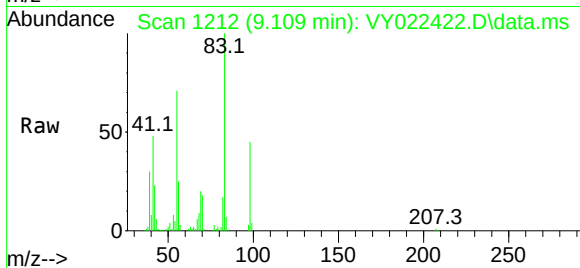
Tgt Ion: 83 Resp: 52603

Ion Ratio Lower Upper

83 100

55 71.0 56.2 84.2

98 45.2 38.4 57.6



#40

Benzene

Concen: 9.489 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022422.D

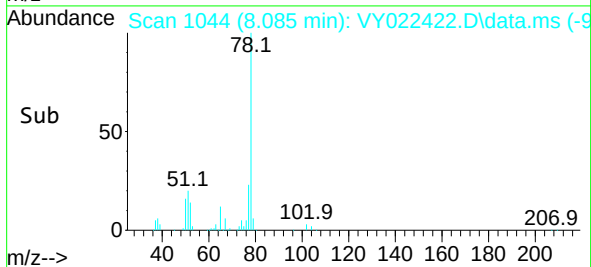
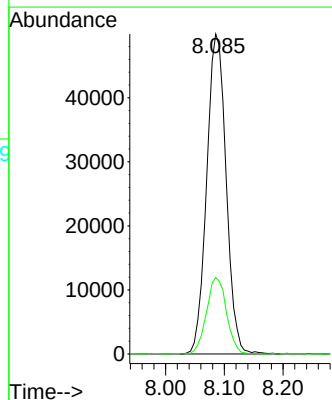
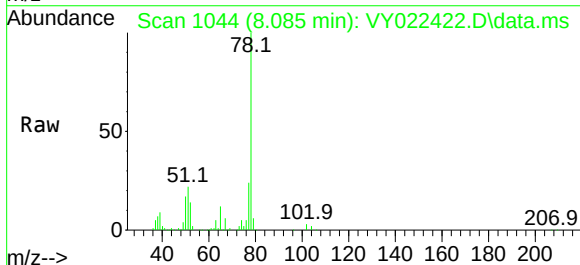
Acq: 27 May 2025 09:14

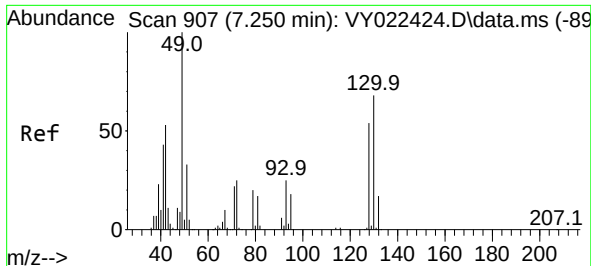
Tgt Ion: 78 Resp: 114576

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.2

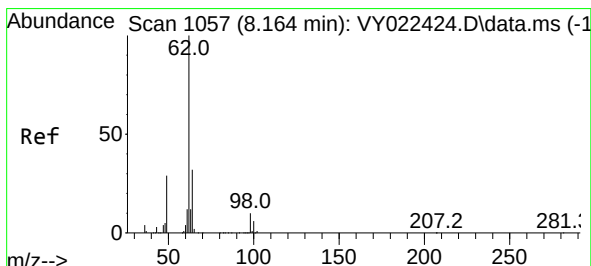
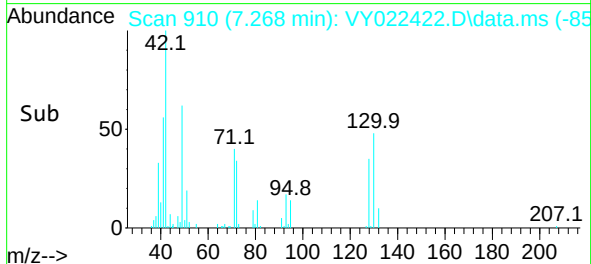
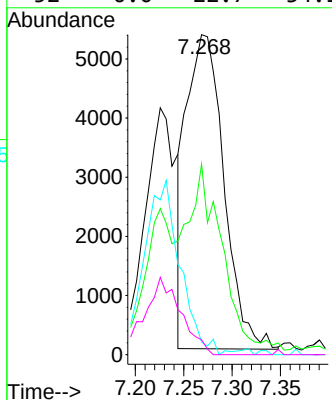
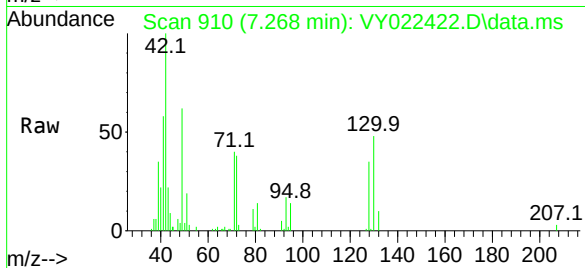




#41
Methacrylonitrile
Concen: 13.727 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

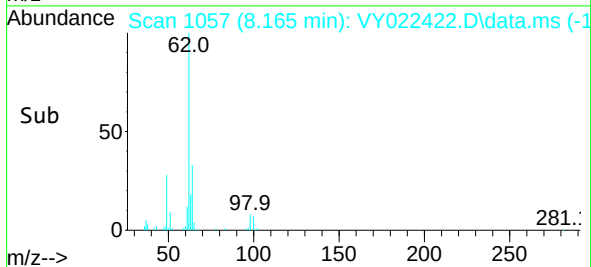
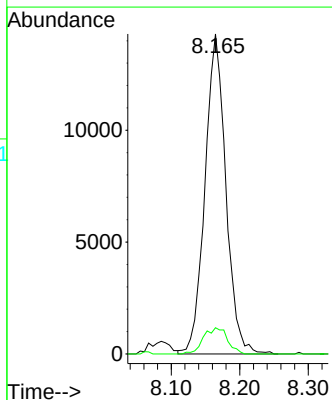
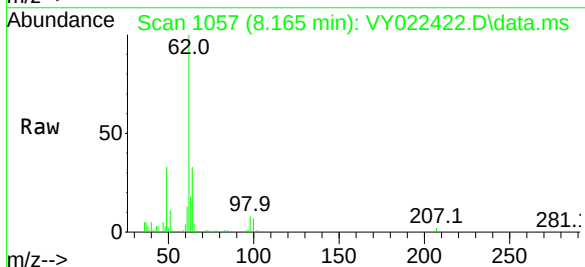
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

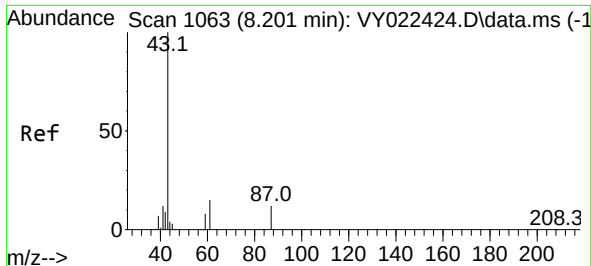
Tgt Ion:	41	Resp:	14369
Ion	Ratio	Lower	Upper
41	100		
39	52.9	40.4	60.6
67	0.0	53.0	79.4#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 9.517 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion:	62	Resp:	30350
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4

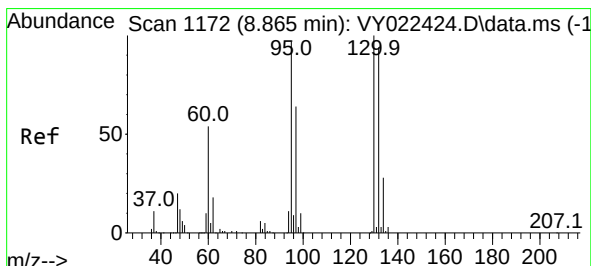
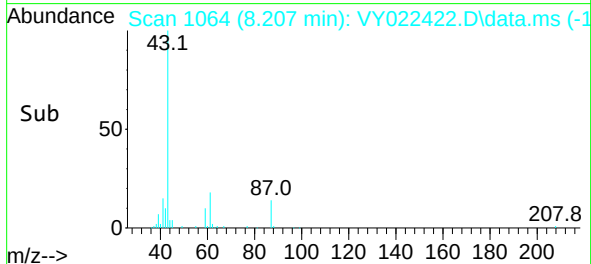
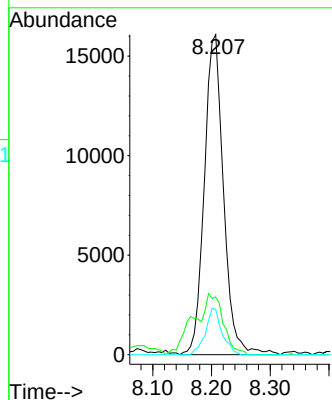
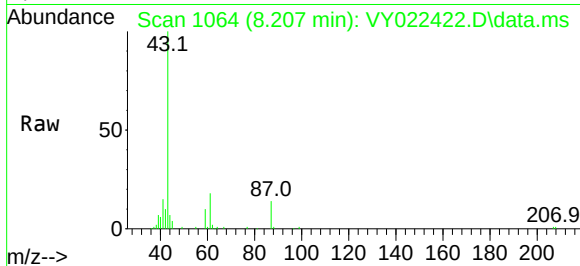




#43
Isopropyl Acetate
Concen: 9.707 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

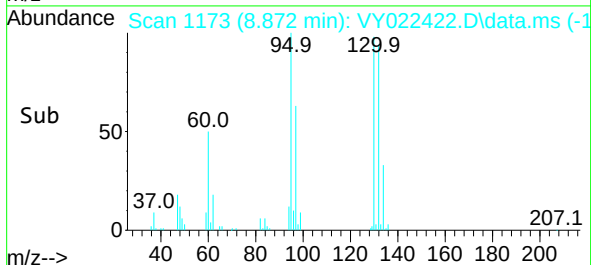
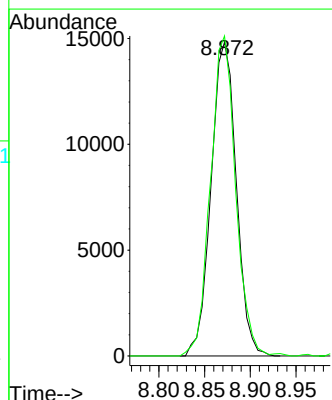
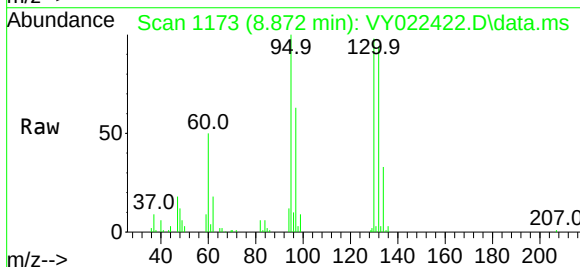
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

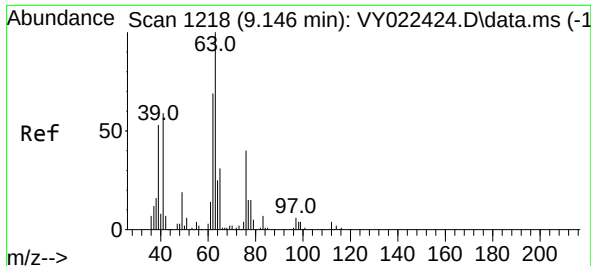
Tgt Ion: 43 Resp: 36584
Ion Ratio Lower Upper
43 100
61 18.0 15.4 23.0
87 12.5 10.6 15.8



#44
Trichloroethene
Concen: 9.516 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 130 Resp: 28407
Ion Ratio Lower Upper
130 100
95 102.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 9.447 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

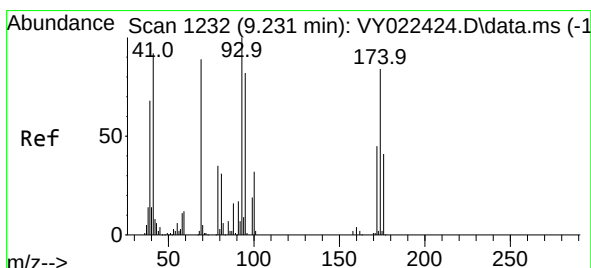
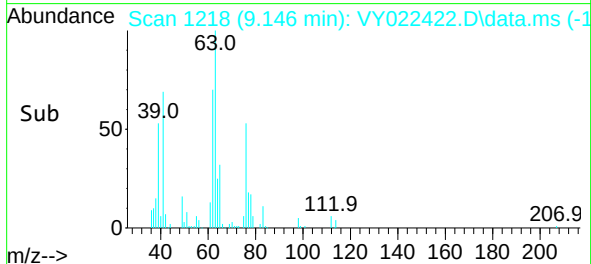
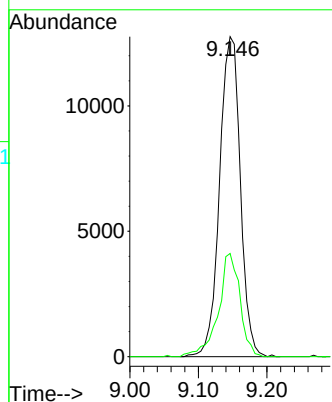
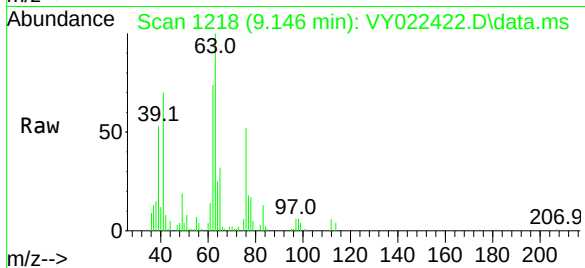
VSTDIC010

Tgt Ion: 63 Resp: 26802

Ion Ratio Lower Upper

63 100

65 32.3 25.1 37.7



#46

Dibromomethane

Concen: 9.351 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

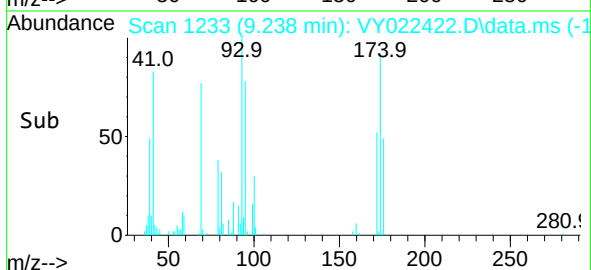
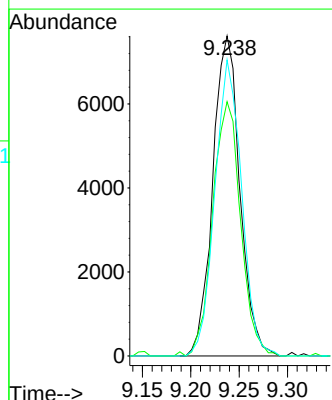
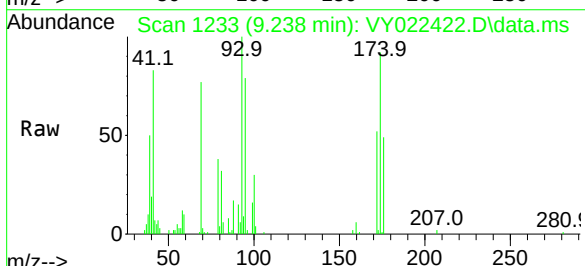
Tgt Ion: 93 Resp: 14820

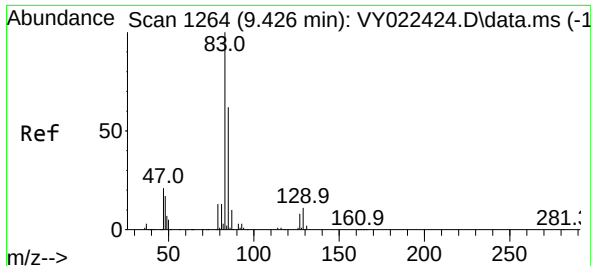
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 91.3 71.1 106.7





#47

Bromodichloromethane

Concen: 9.620 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

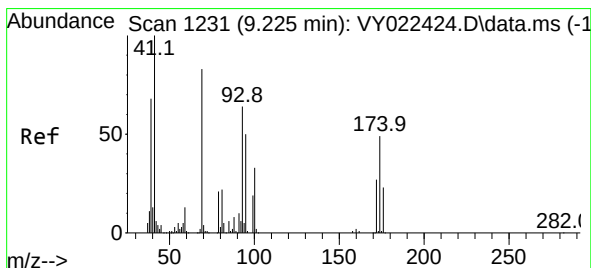
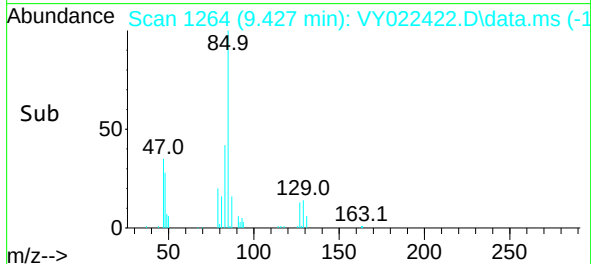
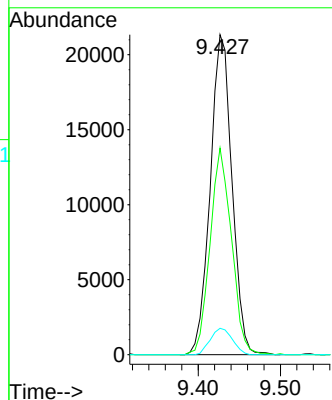
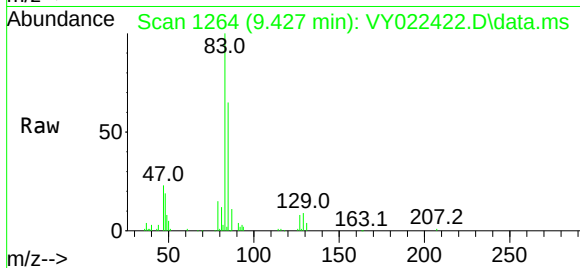
Tgt Ion: 83 Resp: 39207

Ion Ratio Lower Upper

83 100

85 64.6 49.8 74.6

127 8.3 6.6 9.8



#48

Methyl methacrylate

Concen: 9.239 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

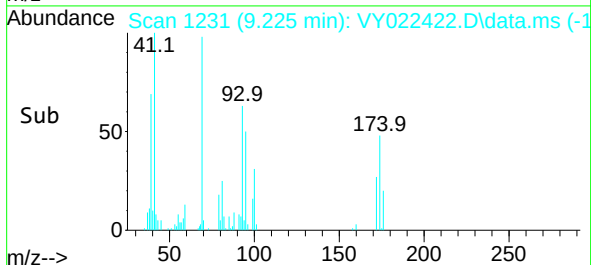
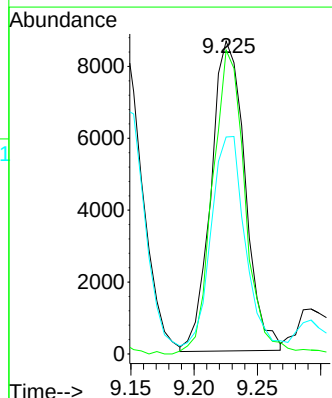
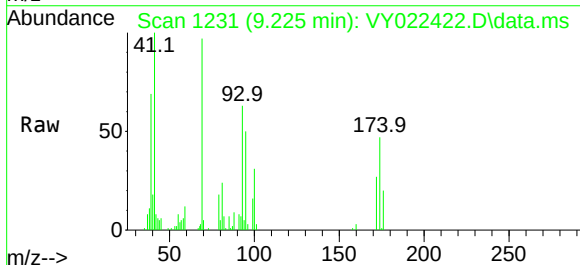
Tgt Ion: 41 Resp: 16163

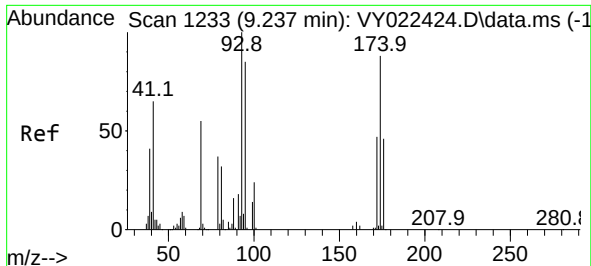
Ion Ratio Lower Upper

41 100

69 93.8 70.3 105.5

39 67.0 55.4 83.0





#49

1,4-Dioxane

Concen: 181.086 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

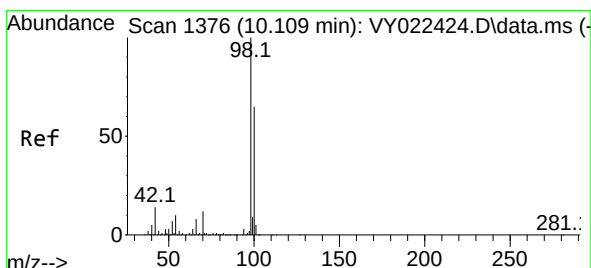
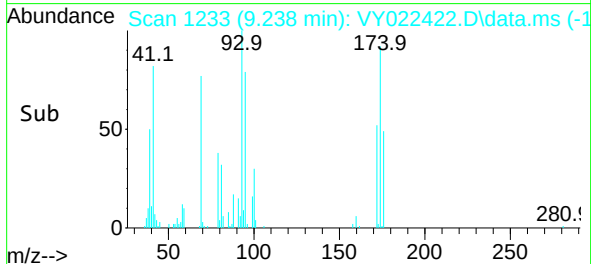
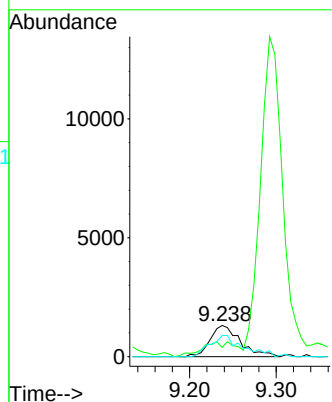
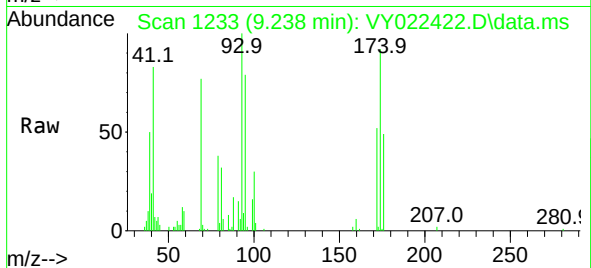
Tgt Ion: 88 Resp: 3170

Ion Ratio Lower Upper

88 100

43 33.0 26.9 40.3

58 74.4 55.8 83.6



#50

Toluene-d8

Concen: 9.493 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022422.D

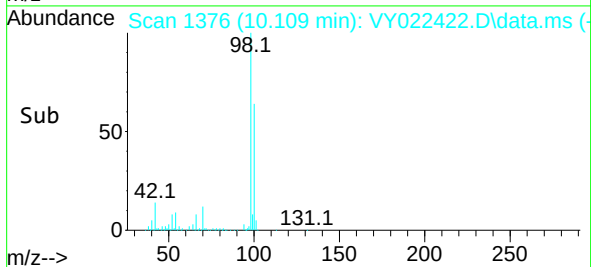
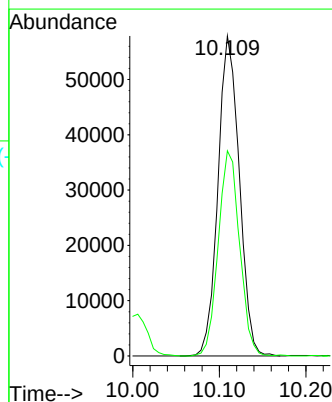
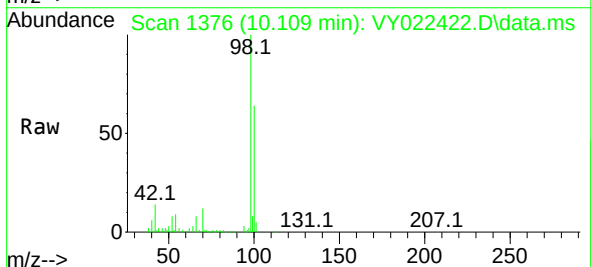
Acq: 27 May 2025 09:14

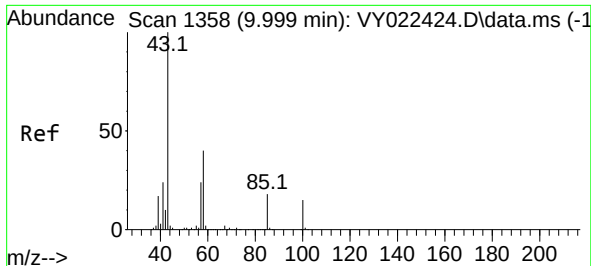
Tgt Ion: 98 Resp: 98965

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 46.358 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

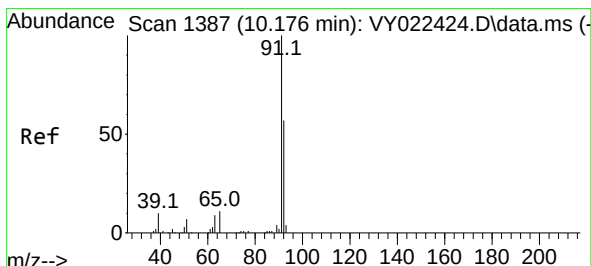
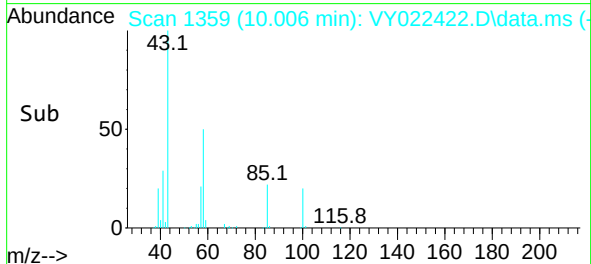
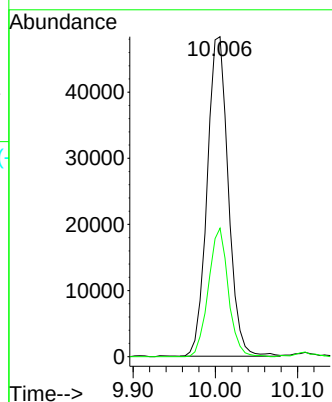
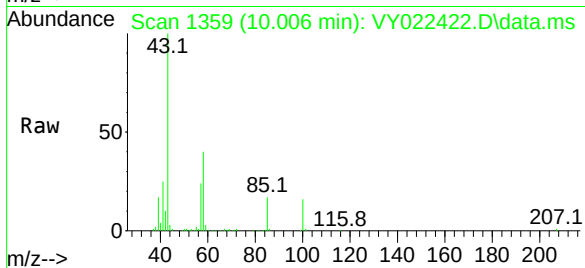
VSTDICC010

Tgt Ion: 43 Resp: 86201

Ion Ratio Lower Upper

43 100

58 37.8 31.2 46.8



#52

Toluene

Concen: 9.320 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY022422.D

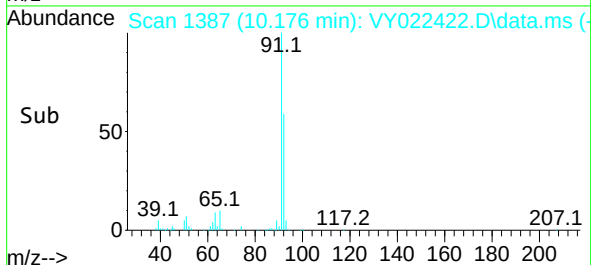
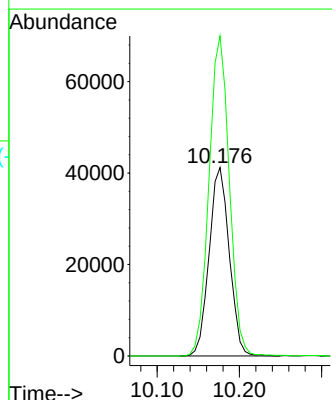
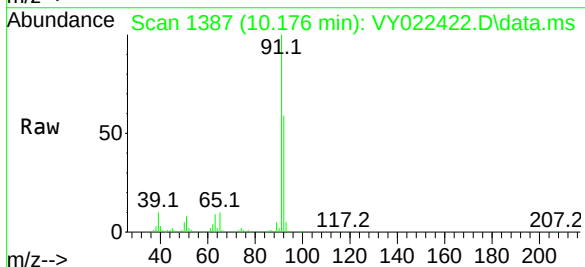
Acq: 27 May 2025 09:14

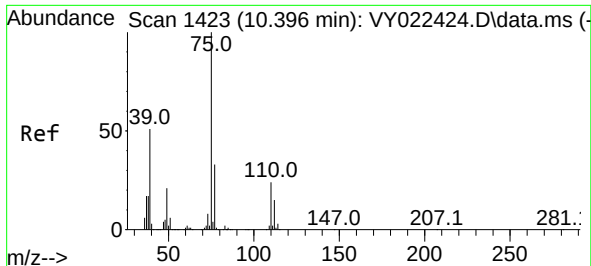
Tgt Ion: 92 Resp: 70294

Ion Ratio Lower Upper

92 100

91 171.4 139.8 209.6

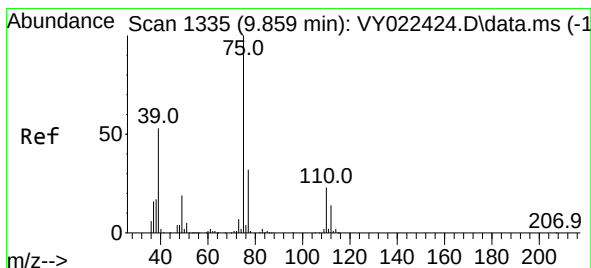
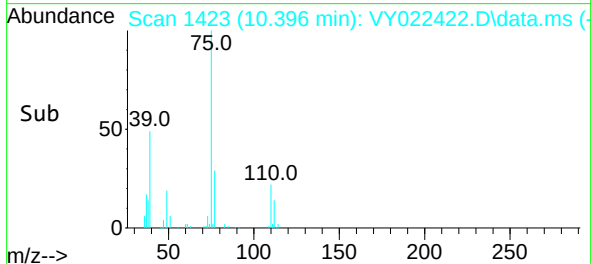
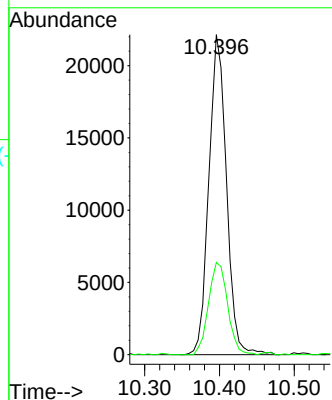
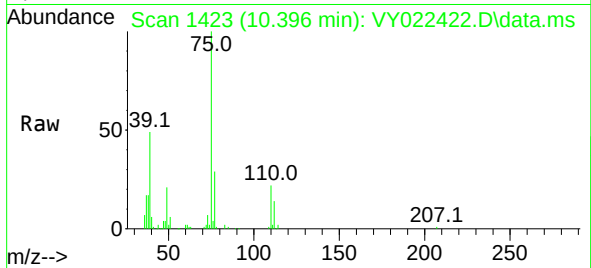




#53
t-1,3-Dichloropropene
Concen: 9.528 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

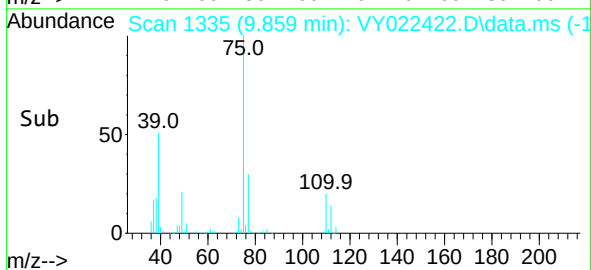
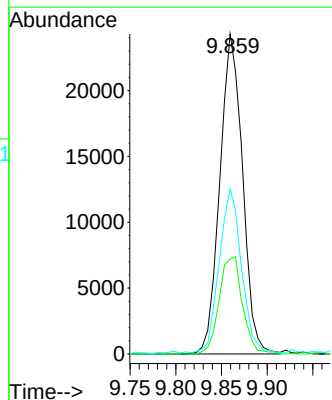
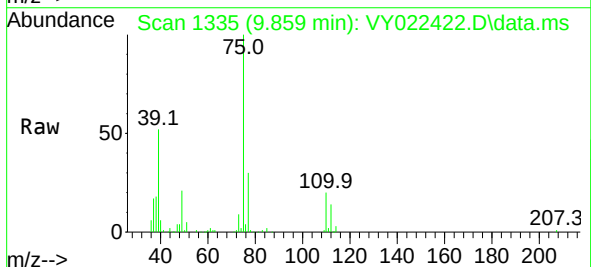
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

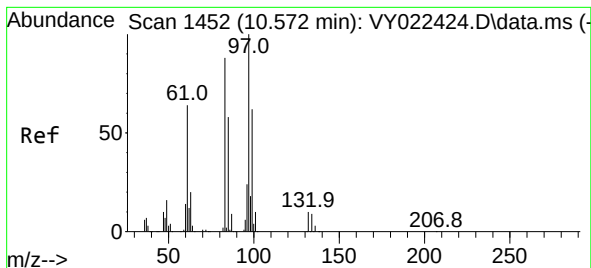
Tgt Ion: 75 Resp: 36171
Ion Ratio Lower Upper
75 100
77 28.8 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 9.403 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 75 Resp: 41945
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2
39 51.3 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 9.423 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 18882

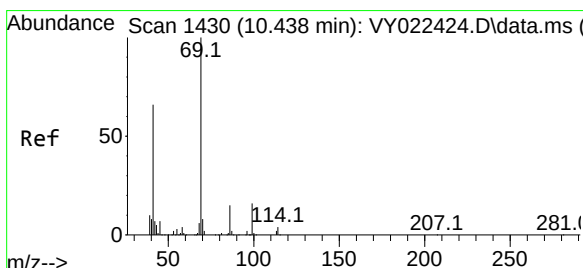
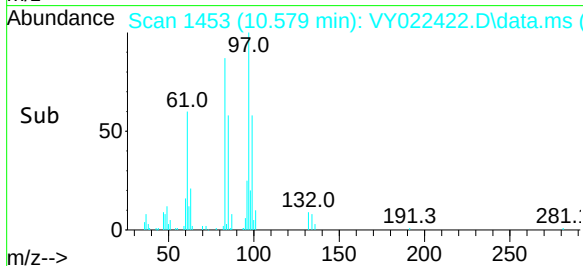
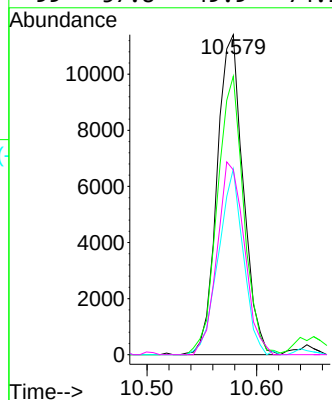
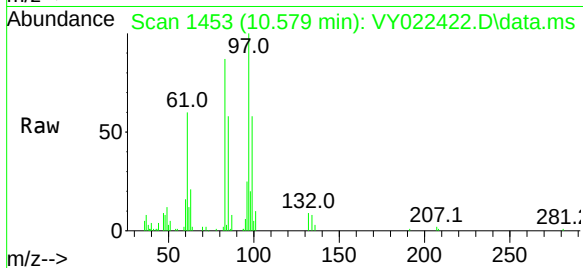
Ion Ratio Lower Upper

97 100

83 87.0 70.2 105.4

85 58.0 46.1 69.1

99 57.8 49.9 74.9



#56

Ethyl methacrylate

Concen: 9.270 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

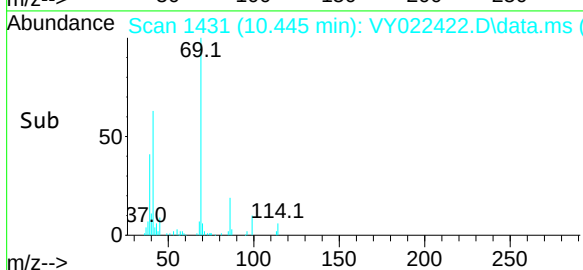
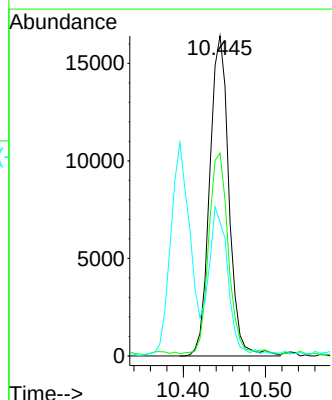
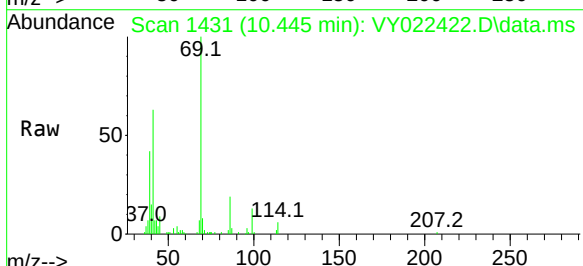
Tgt Ion: 69 Resp: 26658

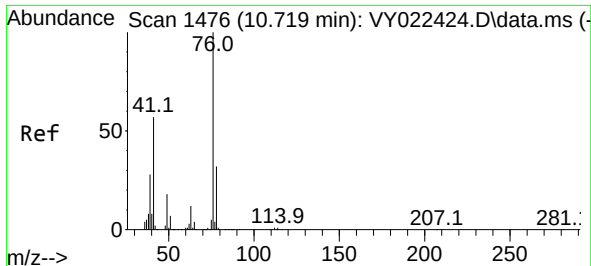
Ion Ratio Lower Upper

69 100

41 63.1 51.2 76.8

39 44.7 35.2 52.8





#57

1,3-Dichloropropane

Concen: 9.587 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

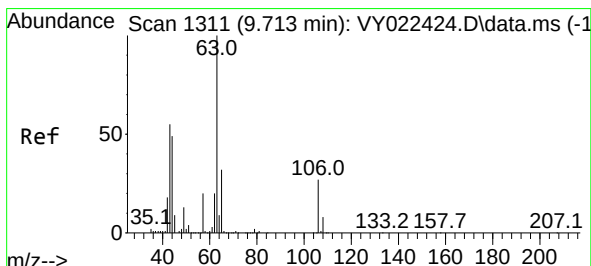
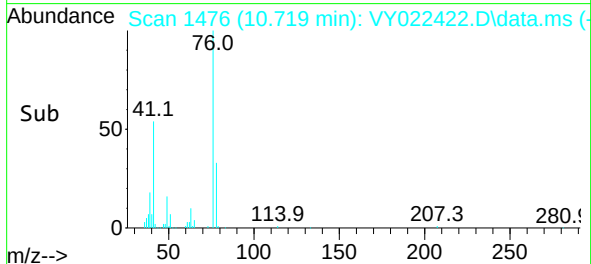
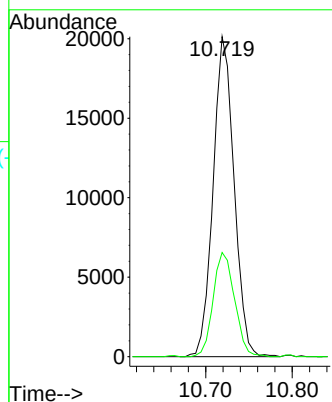
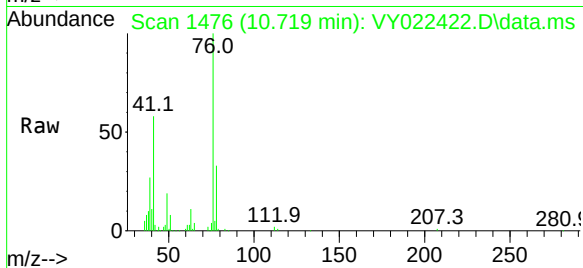
VSTDIC010

Tgt Ion: 76 Resp: 33854

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 46.196 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022422.D

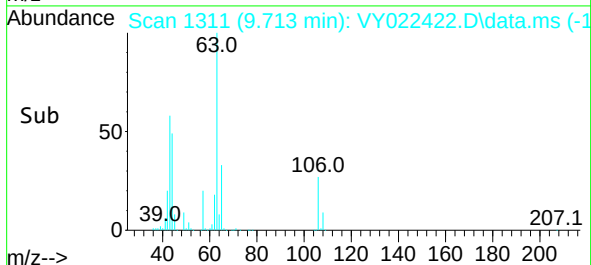
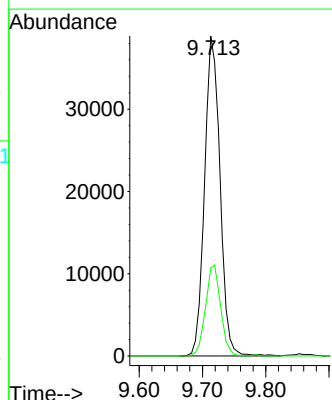
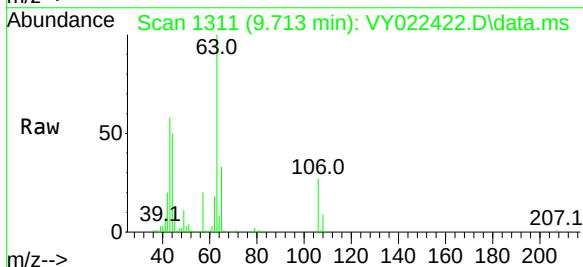
Acq: 27 May 2025 09:14

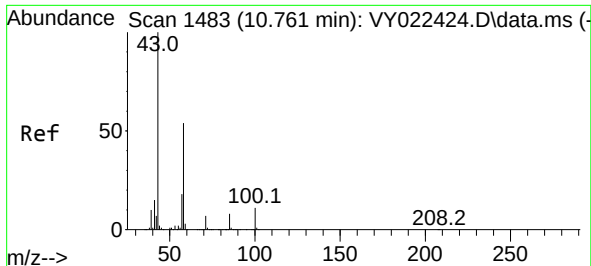
Tgt Ion: 63 Resp: 66205

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2

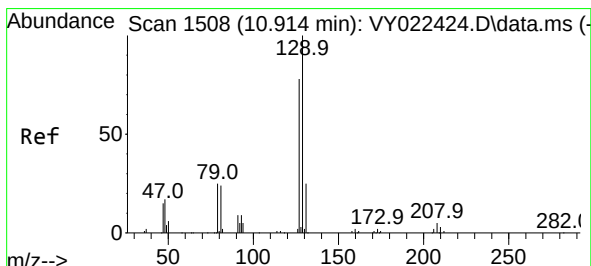
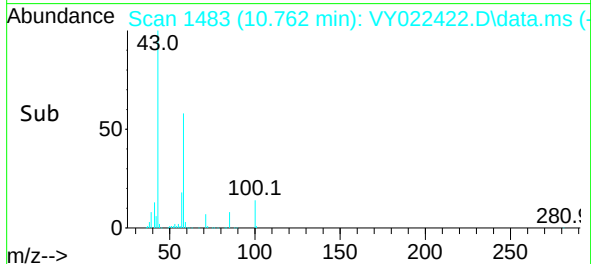
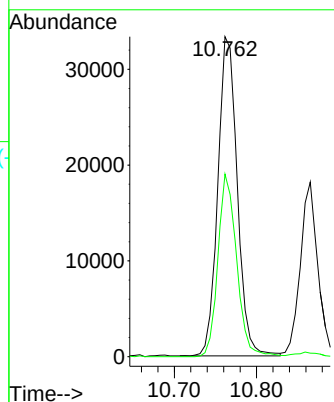
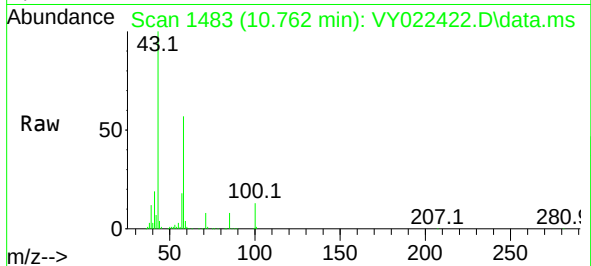




#59
2-Hexanone
Concen: 44.963 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

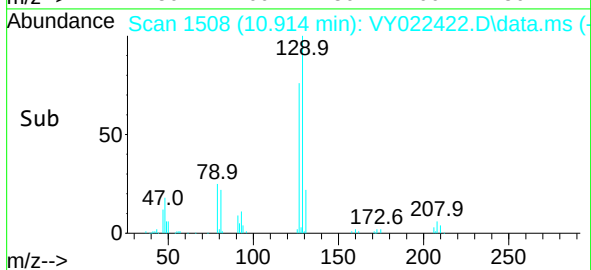
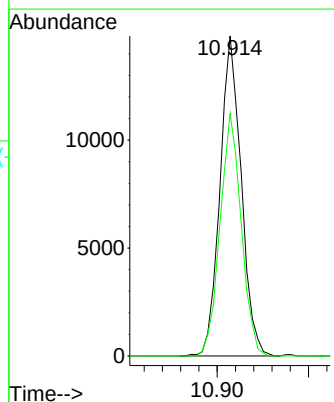
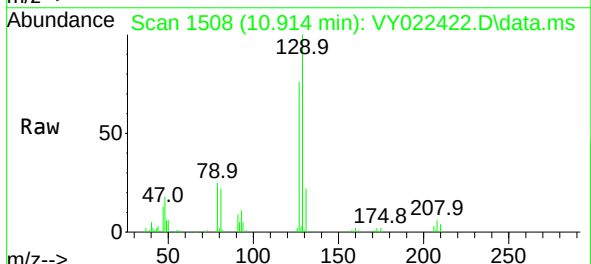
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

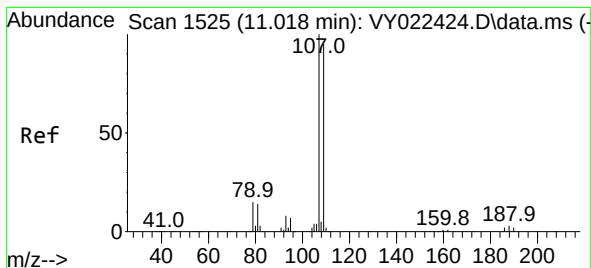
Tgt Ion: 43 Resp: 54792
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.2



#60
Dibromochloromethane
Concen: 9.340 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 129 Resp: 23908
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 9.016 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

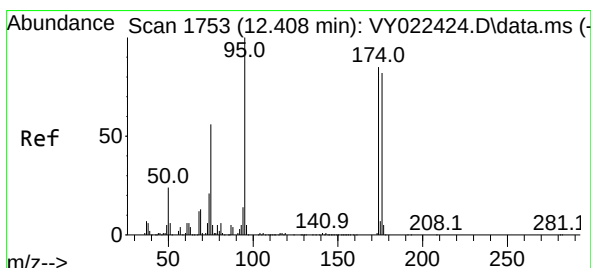
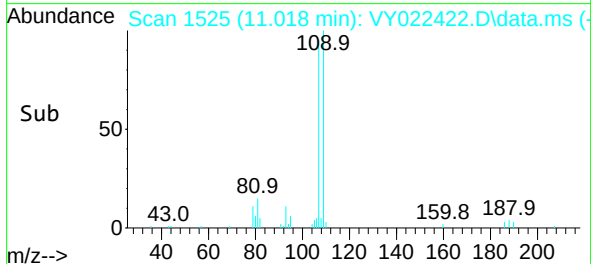
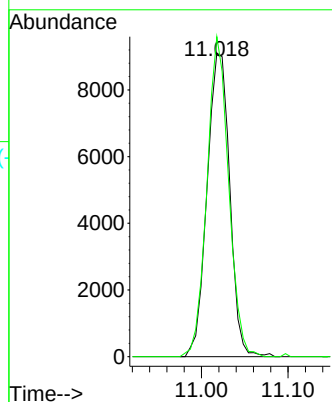
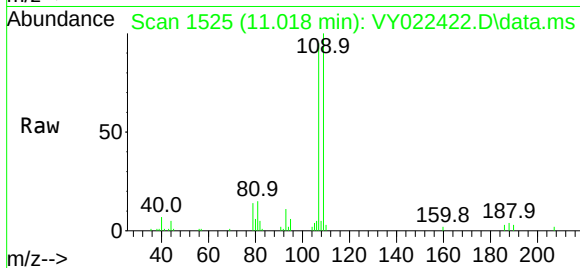
VSTDIC010

Tgt Ion:107 Resp: 16524

Ion Ratio Lower Upper

107 100

109 101.1 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 9.163 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

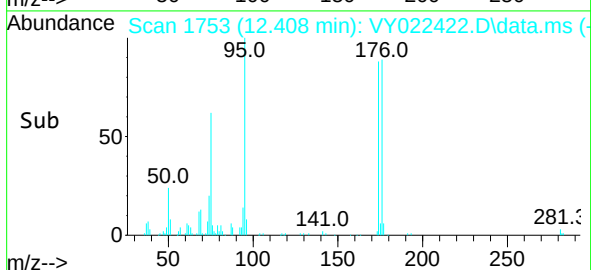
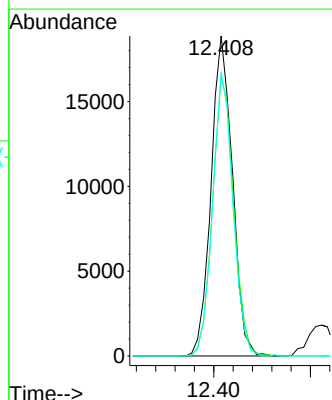
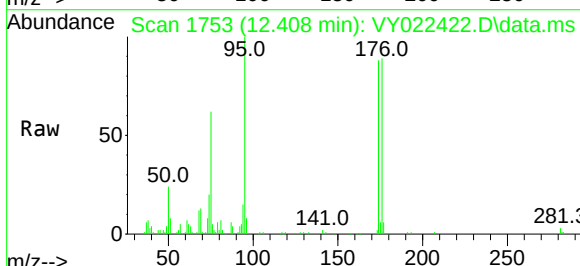
Tgt Ion: 95 Resp: 28894

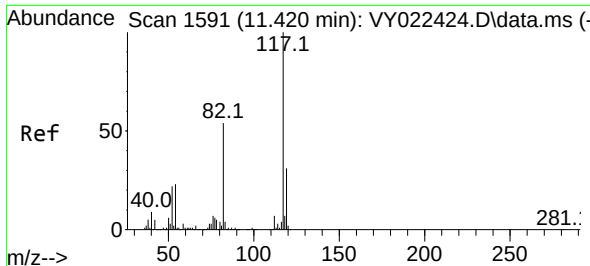
Ion Ratio Lower Upper

95 100

174 86.7 0.0 171.6

176 84.0 0.0 164.6

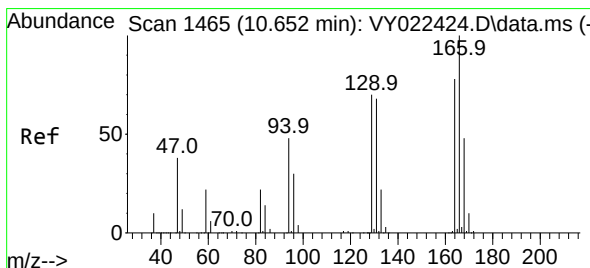
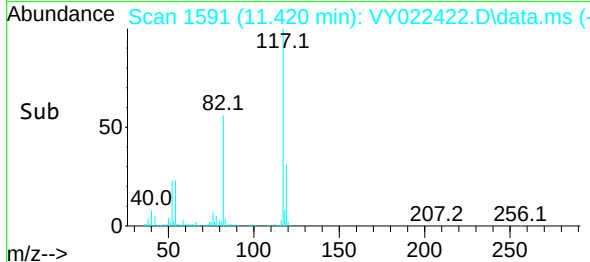
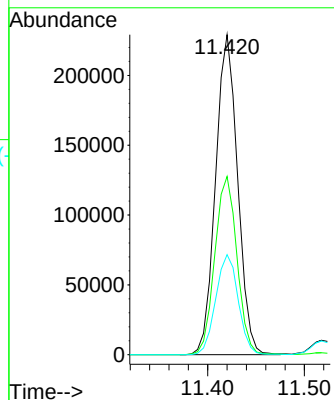
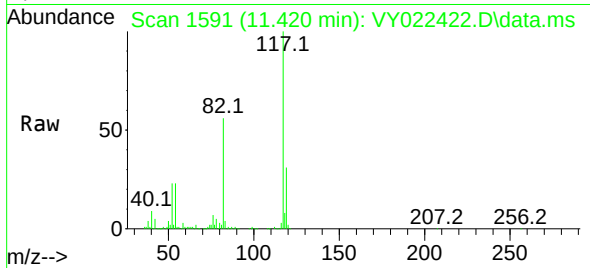




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

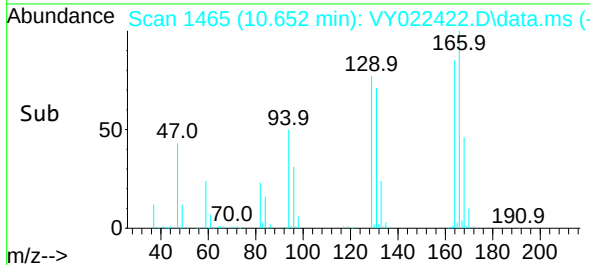
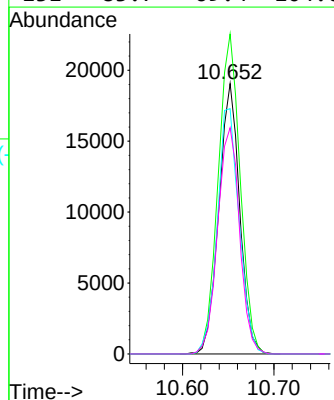
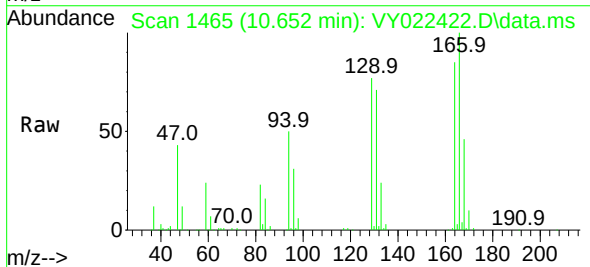
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

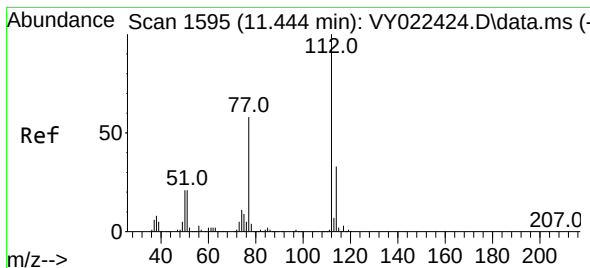
Tgt Ion:117 Resp: 362684
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 31.3 24.5 36.7



#64
Tetrachloroethene
Concen: 9.789 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion:164 Resp: 30237
Ion Ratio Lower Upper
164 100
166 118.3 102.0 153.0
129 90.7 71.3 106.9
131 83.7 69.4 104.0





#65

Chlorobenzene

Concen: 9.376 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

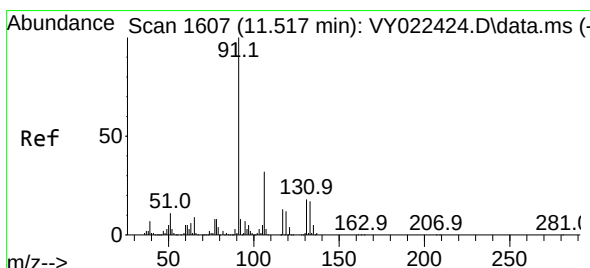
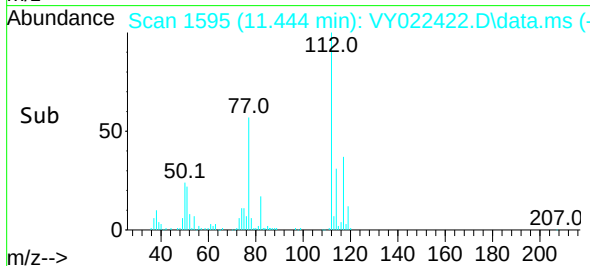
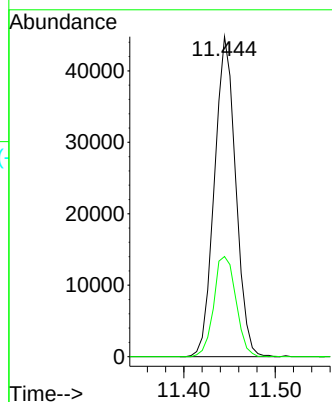
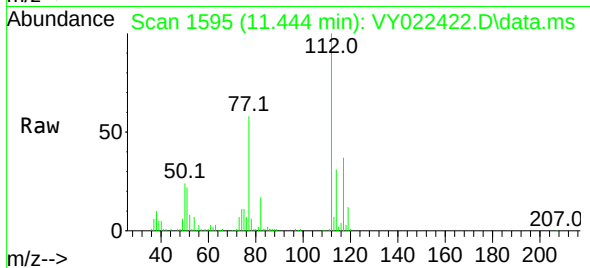
VSTDIC010

Tgt Ion:112 Resp: 72507

Ion Ratio Lower Upper

112 100

114 31.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 9.080 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

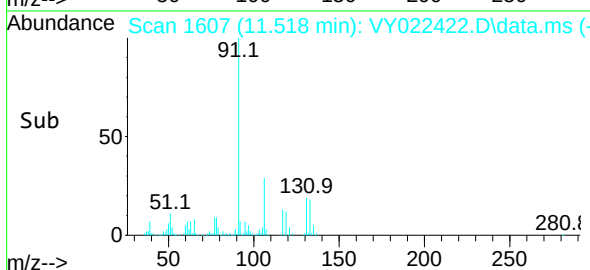
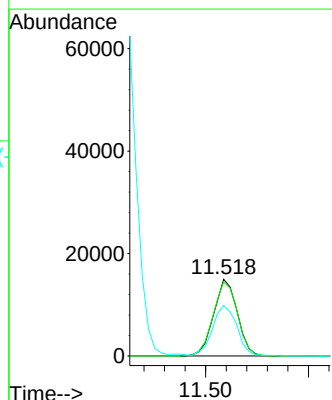
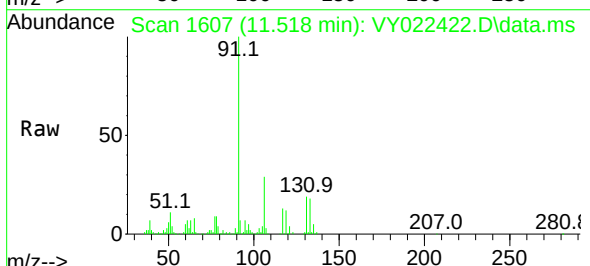
Tgt Ion:131 Resp: 23791

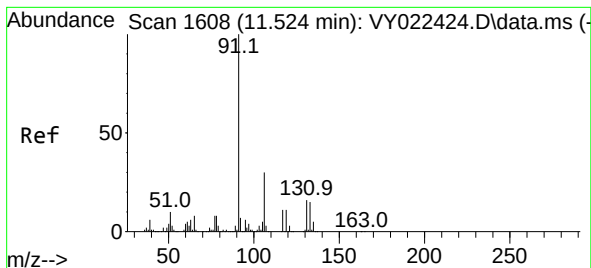
Ion Ratio Lower Upper

131 100

133 99.8 46.6 139.8

119 68.1 33.3 99.8





#67

Ethyl Benzene

Concen: 9.236 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

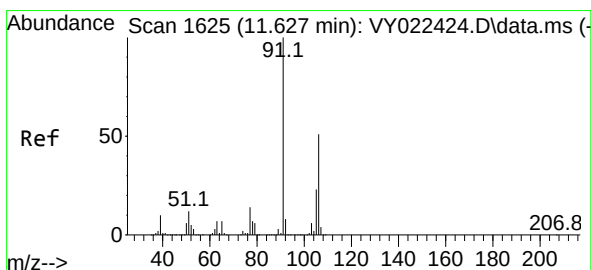
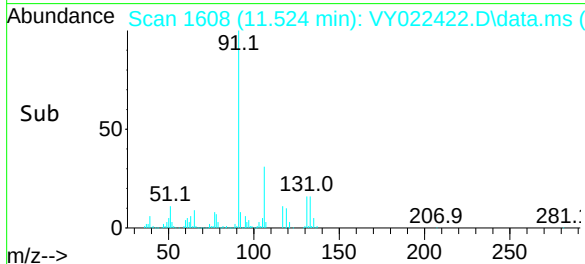
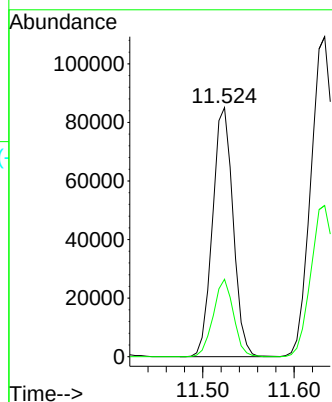
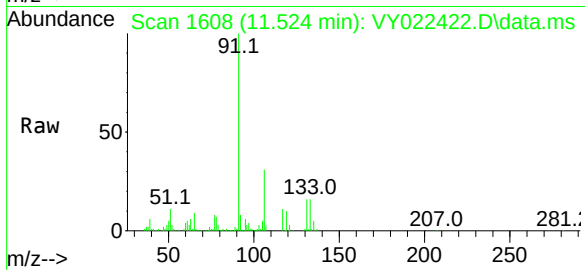
VSTDIC010

Tgt Ion: 91 Resp: 132623

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#68

m/p-Xylenes

Concen: 17.586 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022422.D

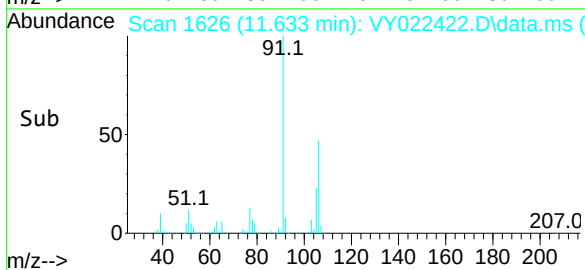
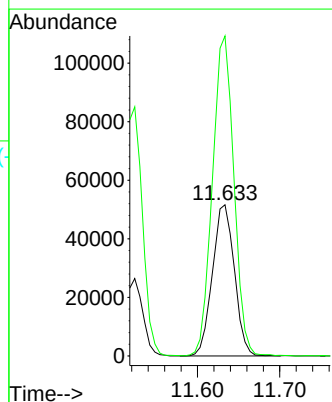
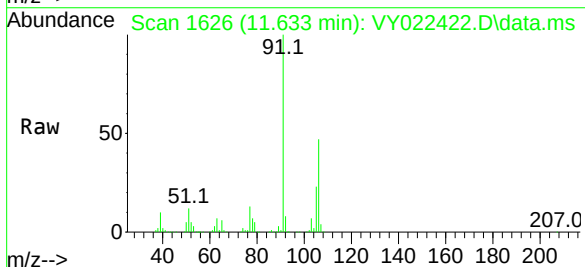
Acq: 27 May 2025 09:14

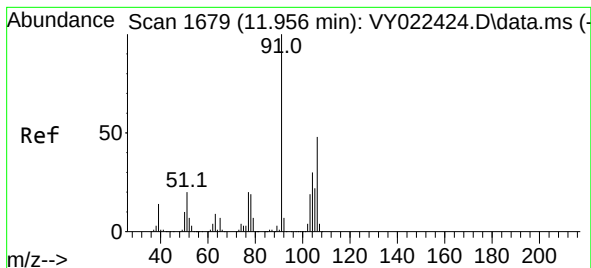
Tgt Ion:106 Resp: 95743

Ion Ratio Lower Upper

106 100

91 207.2 159.8 239.8





#69

o-Xylene

Concen: 9.028 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

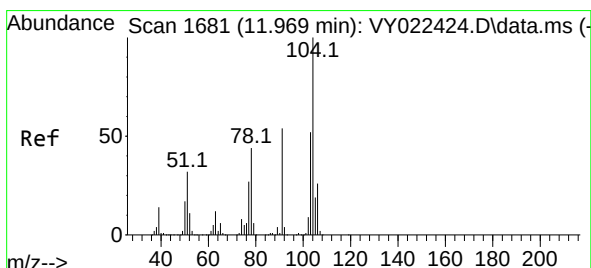
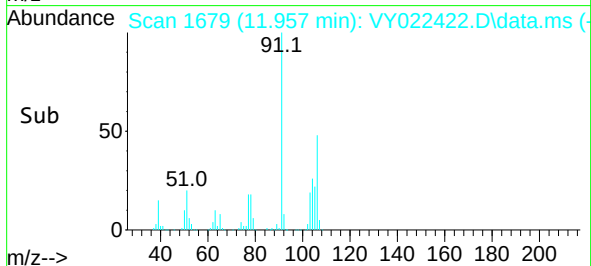
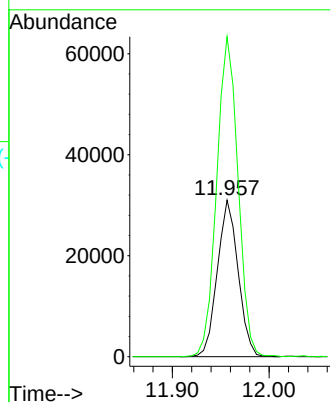
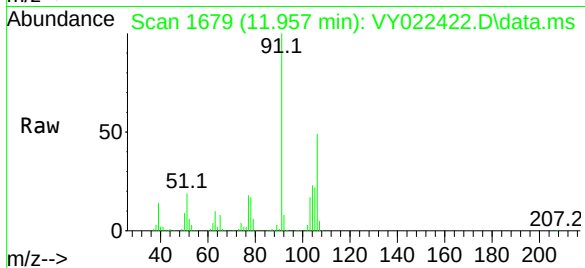
VSTDIC010

Tgt Ion:106 Resp: 46196

Ion Ratio Lower Upper

106 100

91 209.9 106.3 318.9



#70

Styrene

Concen: 8.685 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

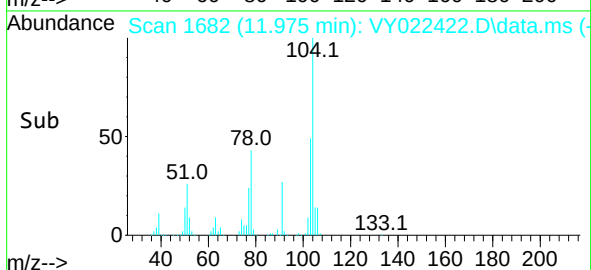
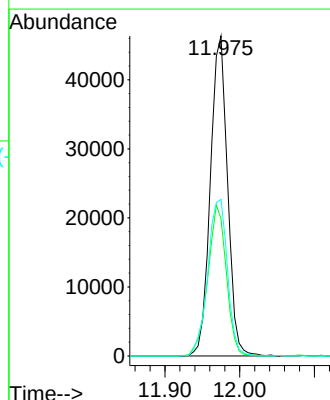
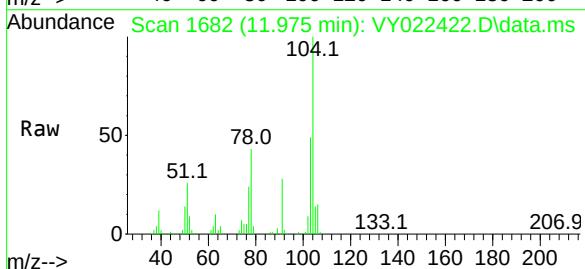
Tgt Ion:104 Resp: 73993

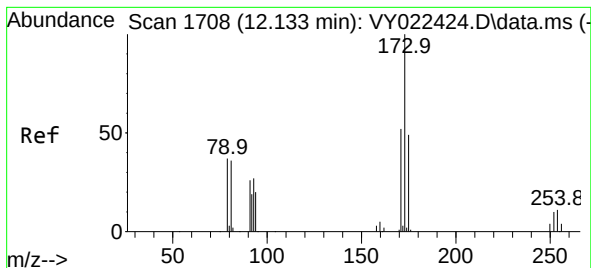
Ion Ratio Lower Upper

104 100

78 50.8 38.8 58.2

103 55.9 43.4 65.2





#71

Bromoform

Concen: 9.287 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

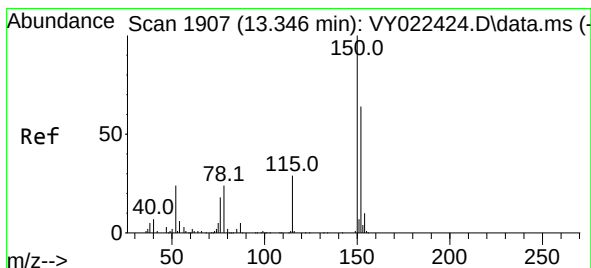
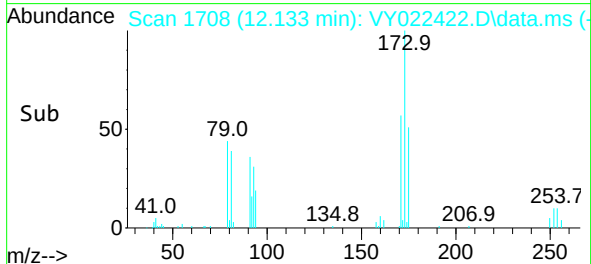
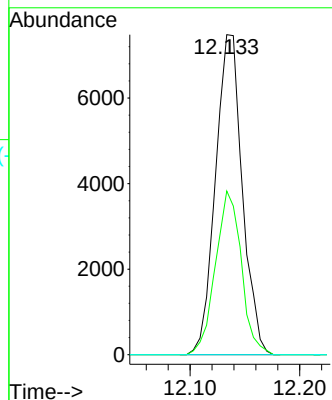
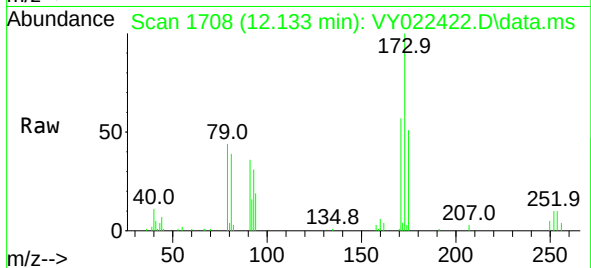
Tgt Ion:173 Resp: 12746

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

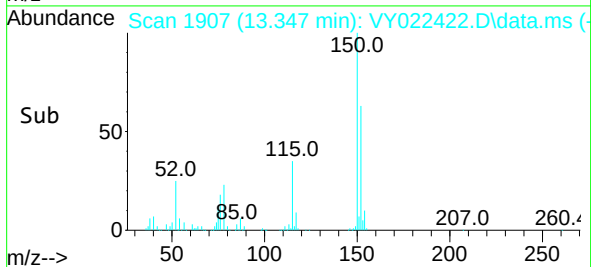
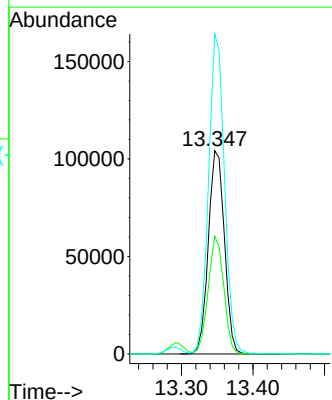
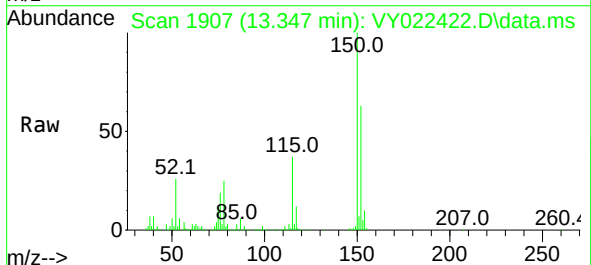
Tgt Ion:152 Resp: 162991

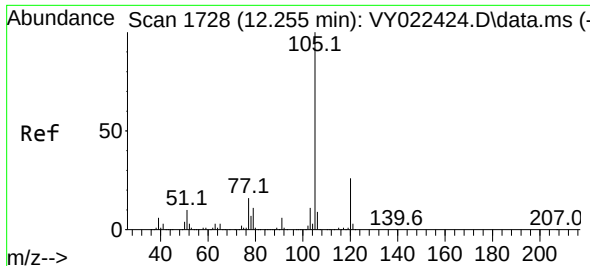
Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.3

150 155.9 0.0 345.8

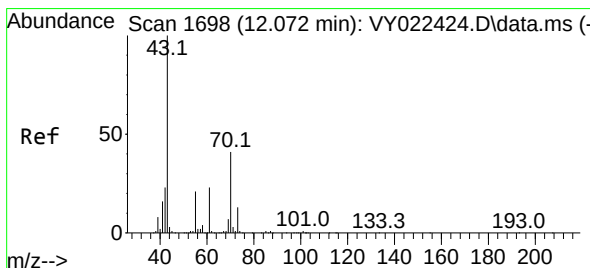
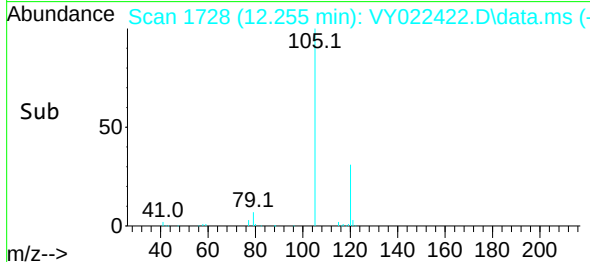
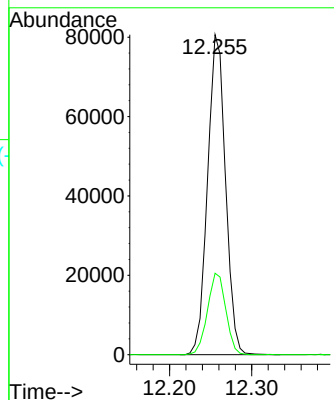
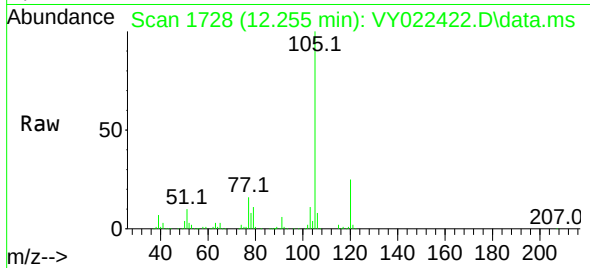




#73
Isopropylbenzene
Concen: 9.507 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

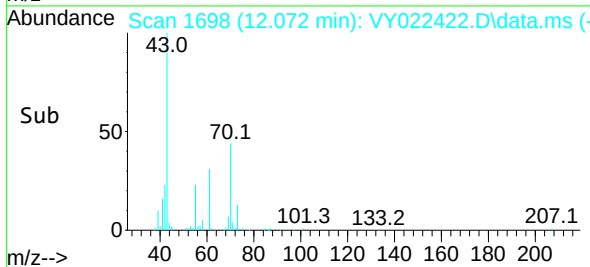
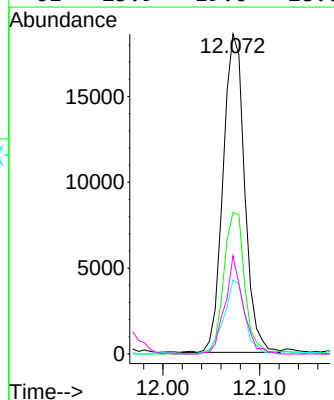
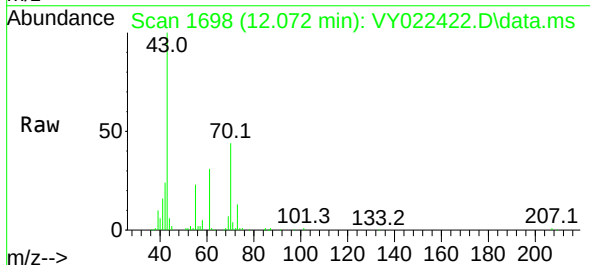
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

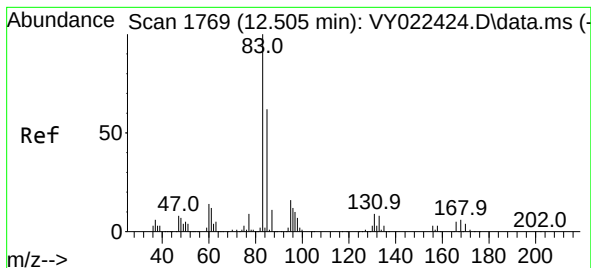
Tgt Ion:105 Resp: 121960
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 9.114 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 43 Resp: 28607
Ion Ratio Lower Upper
43 100
70 44.1 33.0 49.4
55 22.9 17.5 26.3
61 25.9 19.0 28.6

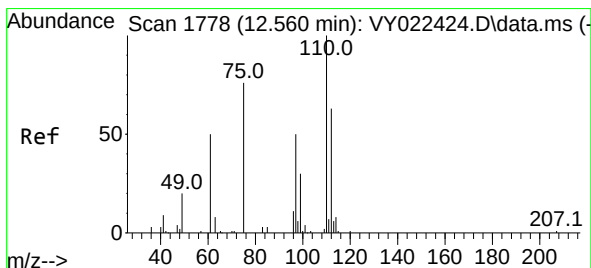
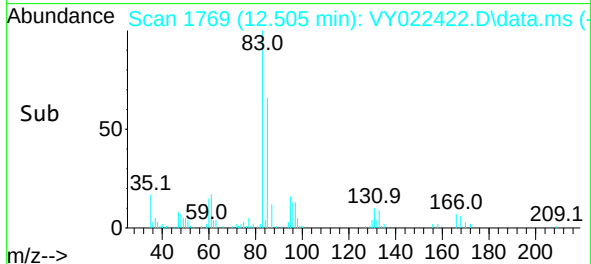
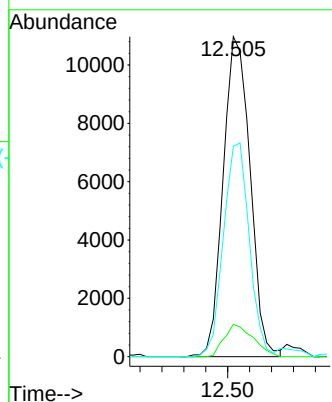
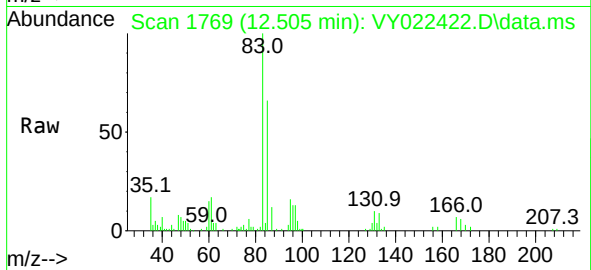




#75
1,1,2,2-Tetrachloroethane
Concen: 9.262 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

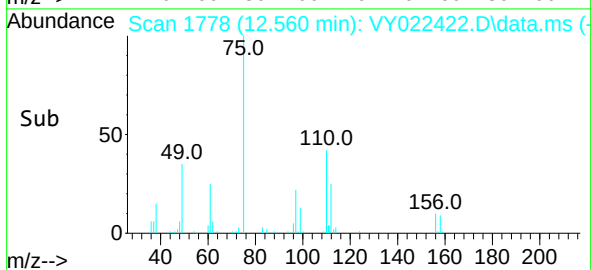
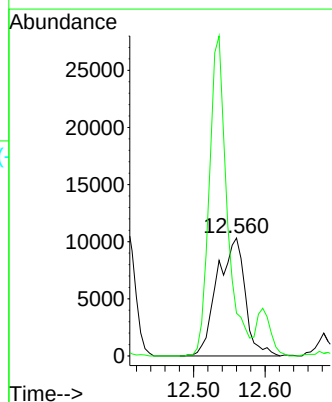
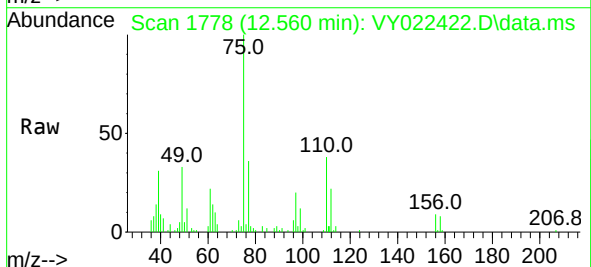
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

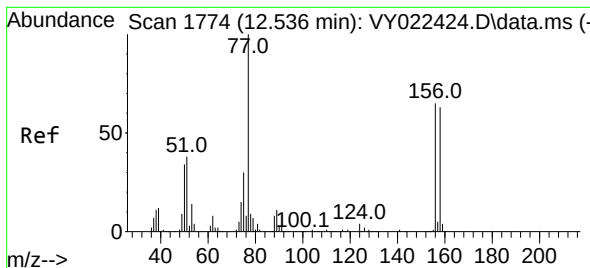
Tgt Ion: 83 Resp: 18720
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 64.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 17.141 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 75 Resp: 27985
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.584 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

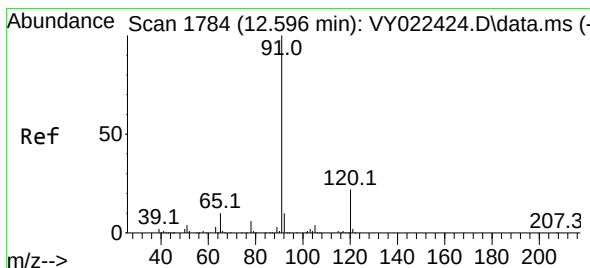
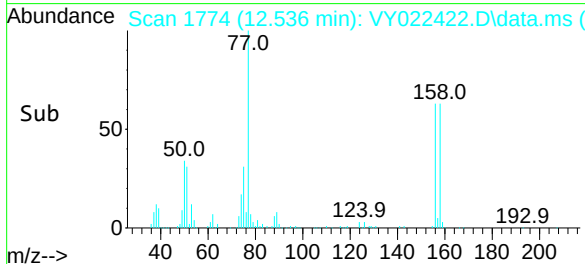
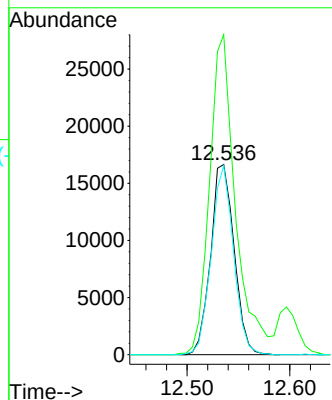
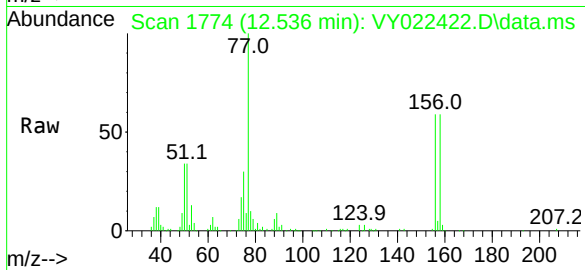
Tgt Ion:156 Resp: 26457

Ion Ratio Lower Upper

156 100

77 184.0 91.4 274.2

158 94.1 48.1 144.3



#78

n-propylbenzene

Concen: 9.459 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022422.D

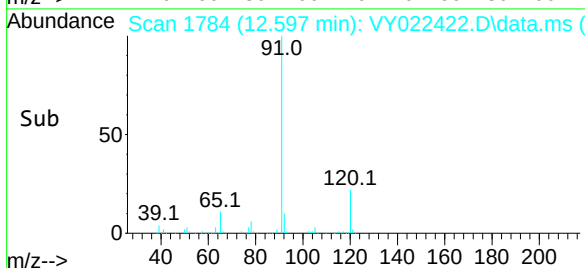
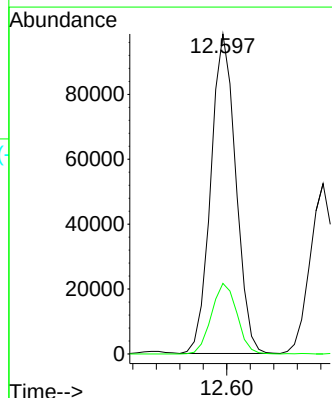
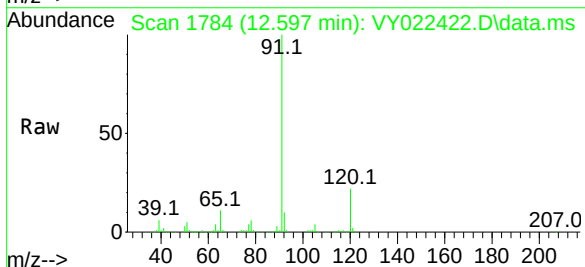
Acq: 27 May 2025 09:14

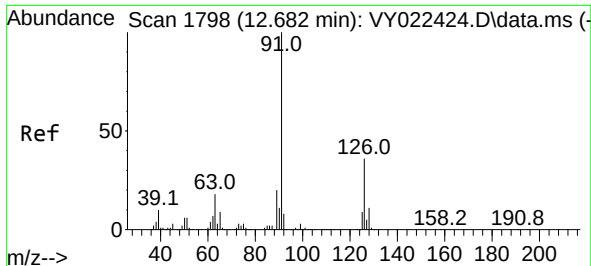
Tgt Ion: 91 Resp: 145616

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5

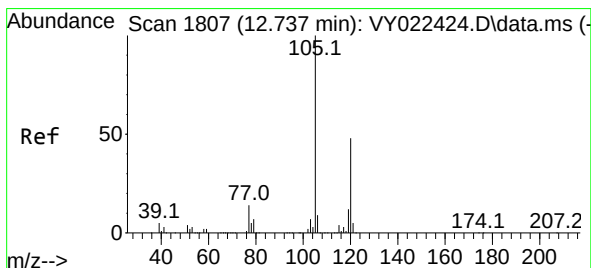
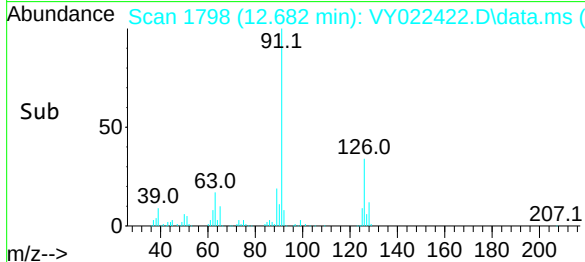
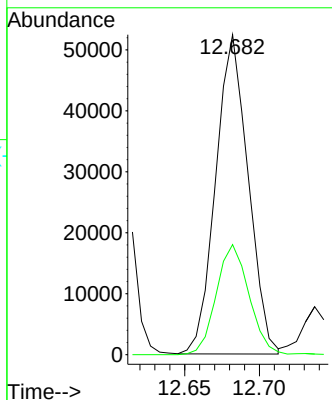
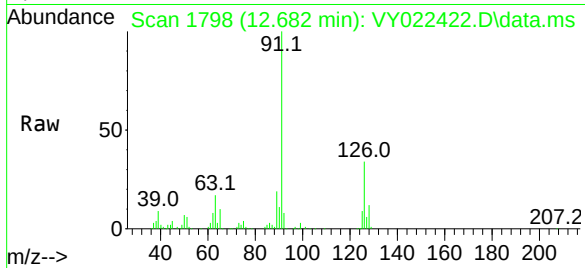




#79
2-Chlorotoluene
Concen: 9.488 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

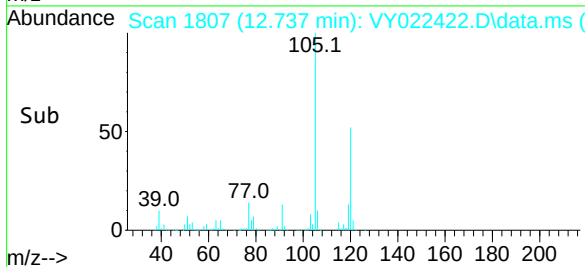
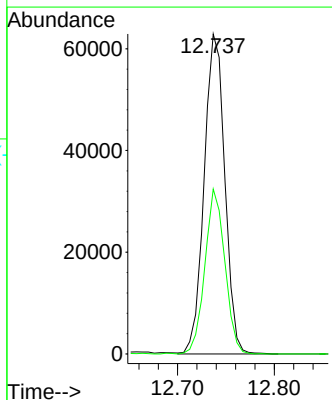
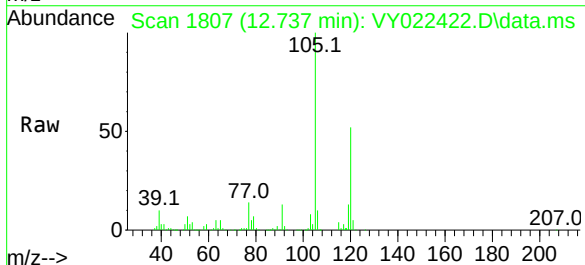
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

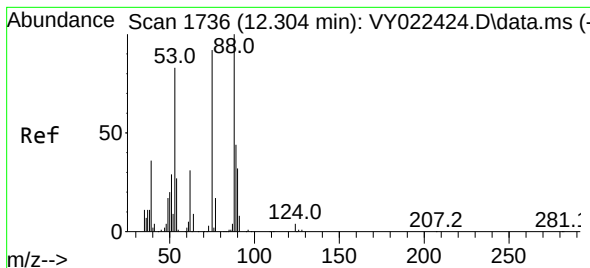
Tgt Ion: 91 Resp: 79070
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 9.334 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 105 Resp: 93557
Ion Ratio Lower Upper
105 100
120 49.8 24.3 73.0

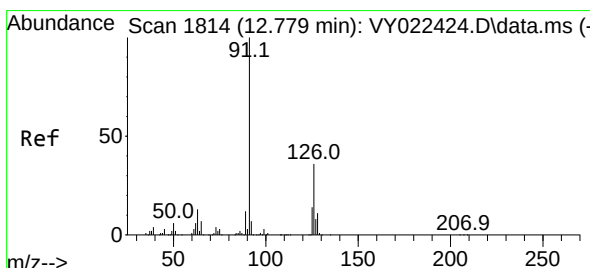
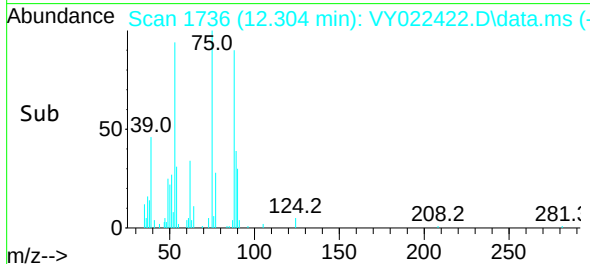
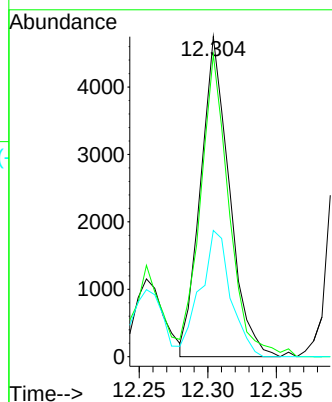
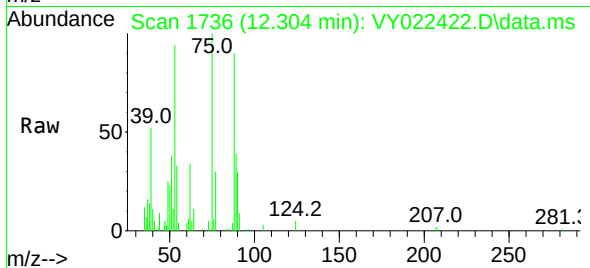




#81
trans-1,4-Dichloro-2-butene
Concen: 9.601 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

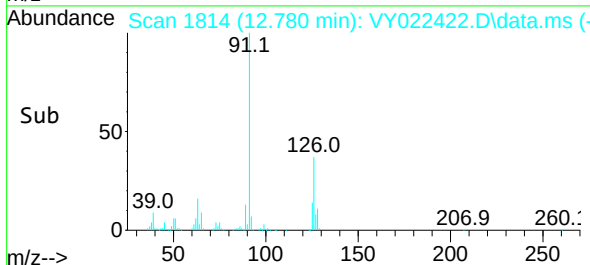
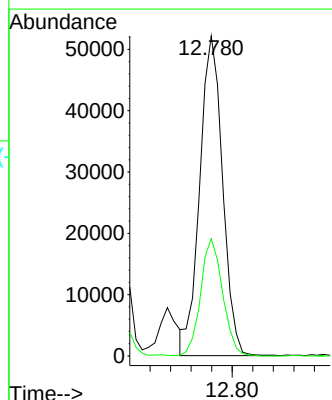
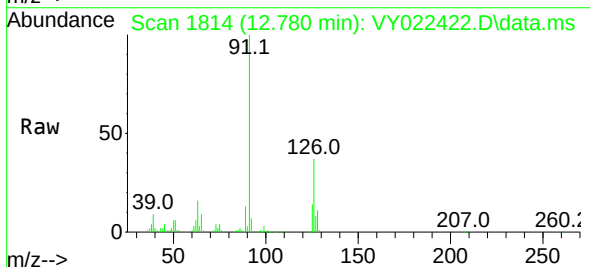
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

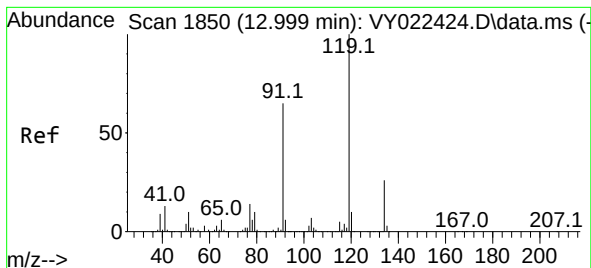
Tgt Ion: 75 Resp: 6931
Ion Ratio Lower Upper
75 100
53 93.5 75.1 112.7
89 41.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 9.356 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 91 Resp: 80299
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 9.216 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

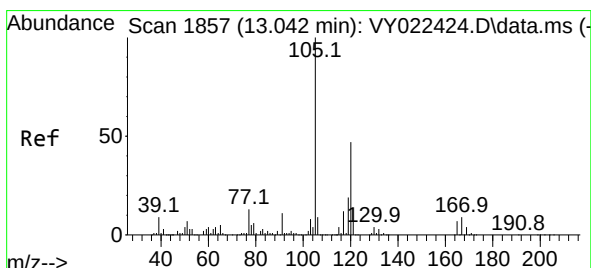
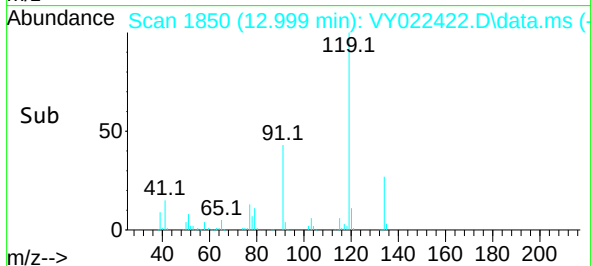
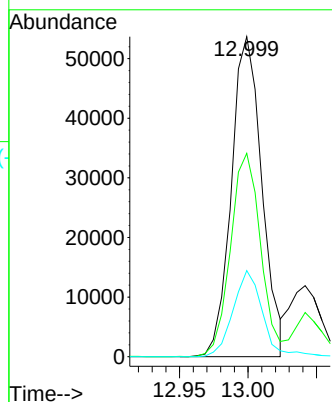
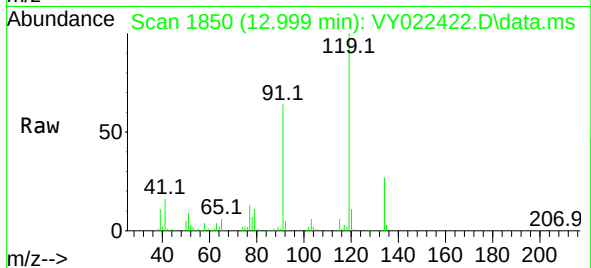
Tgt Ion:119 Resp: 83455

Ion Ratio Lower Upper

119 100

91 62.4 31.8 95.3

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 9.230 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022422.D

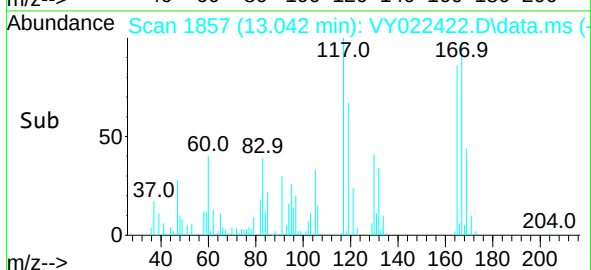
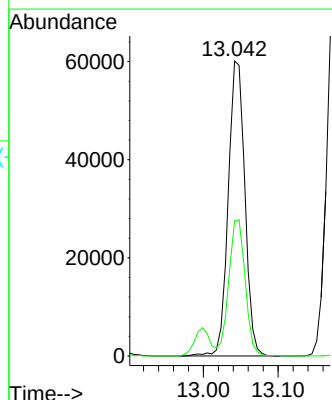
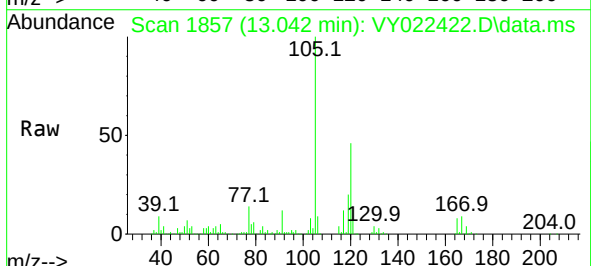
Acq: 27 May 2025 09:14

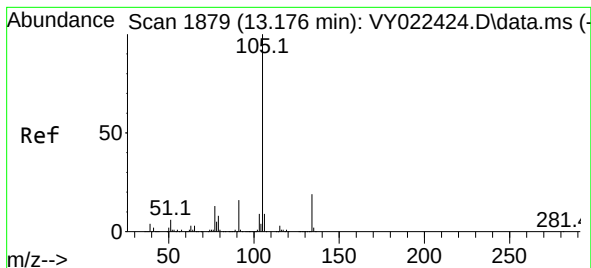
Tgt Ion:105 Resp: 93094

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 9.191 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

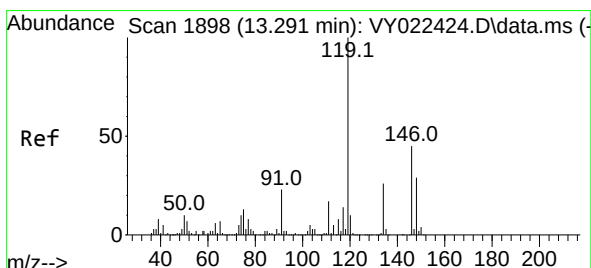
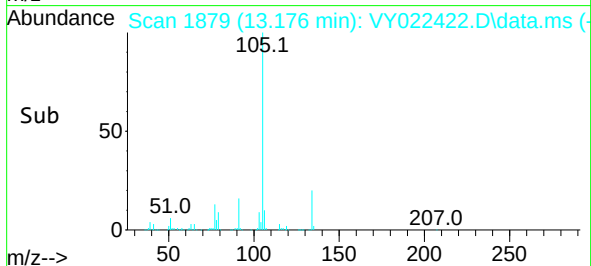
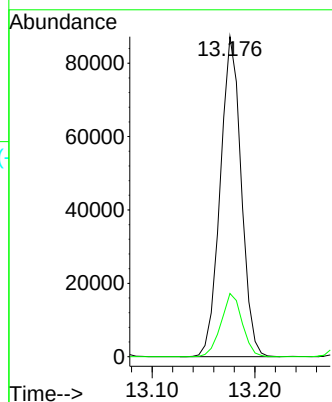
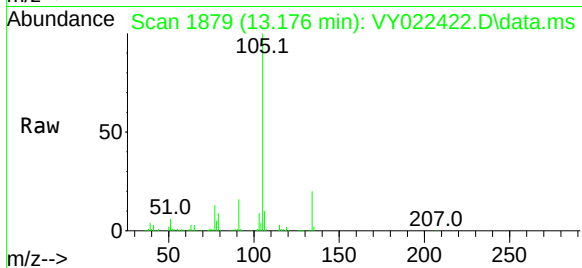
VSTDIC010

Tgt Ion:105 Resp: 123436

Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1



#86

p-Isopropyltoluene

Concen: 8.932 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

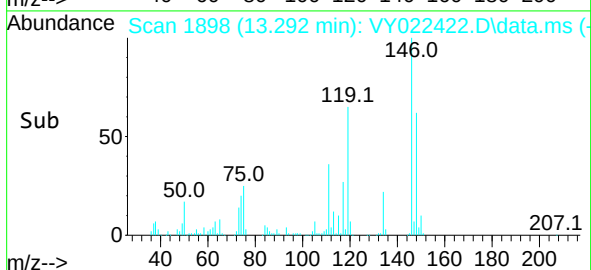
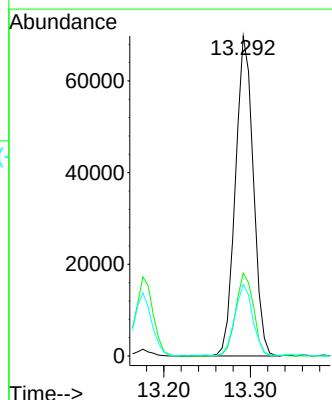
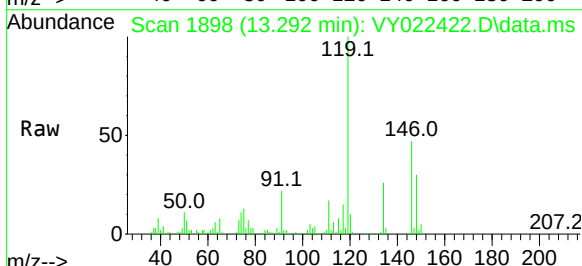
Tgt Ion:119 Resp: 100168

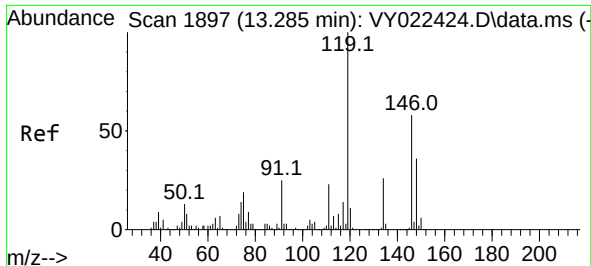
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.3 11.6 34.8

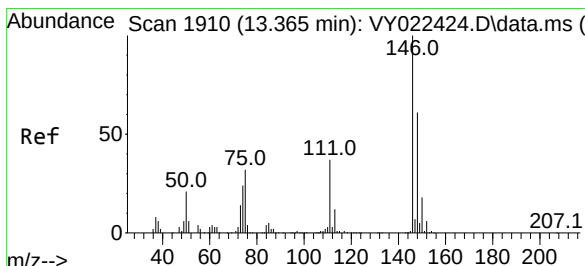
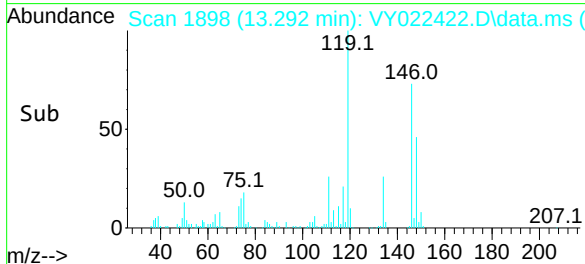
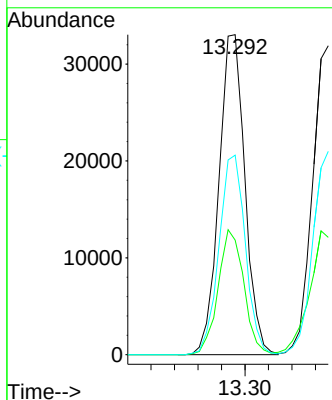
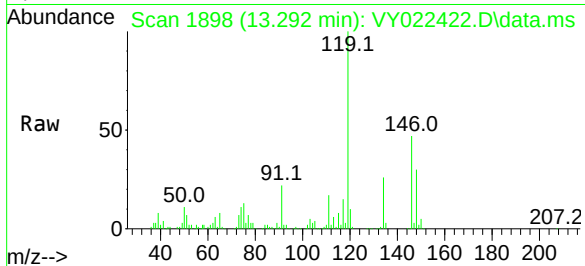




#87
1,3-Dichlorobenzene
Concen: 9.144 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

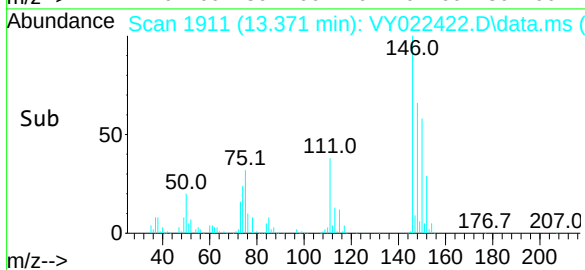
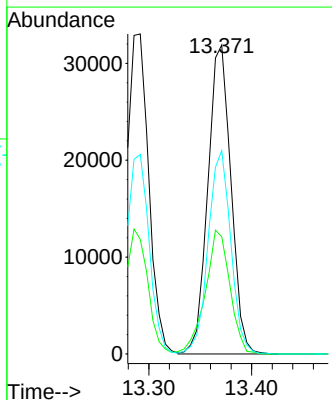
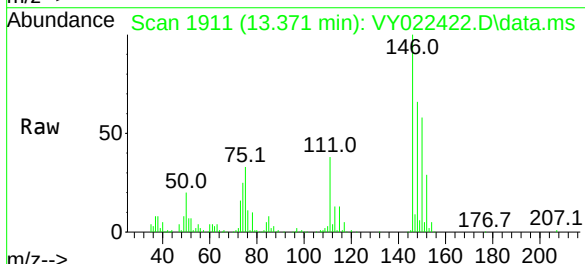
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

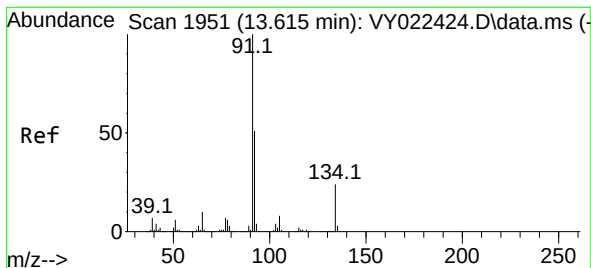
Tgt Ion:146 Resp: 50790
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 9.372 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion:146 Resp: 49773
Ion Ratio Lower Upper
146 100
111 42.9 18.7 56.1
148 64.9 31.4 94.3





#89

n-Butylbenzene

Concen: 8.847 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

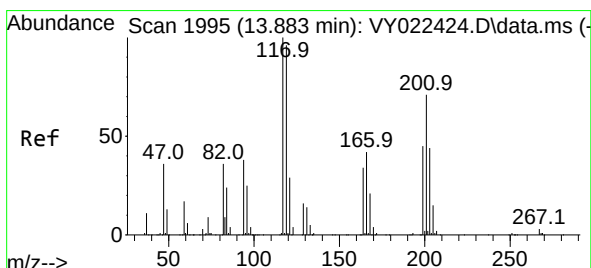
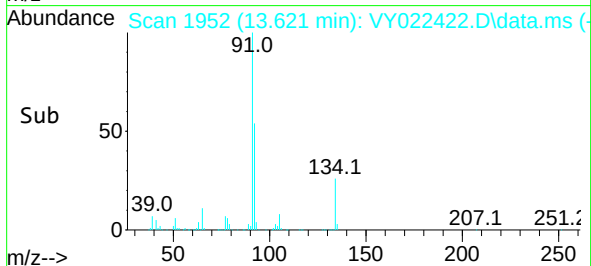
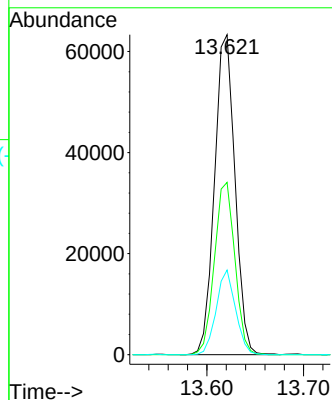
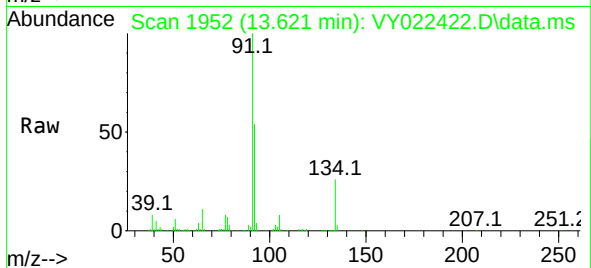
Tgt Ion: 91 Resp: 93025

Ion Ratio Lower Upper

91 100

92 53.9 25.9 77.6

134 25.0 12.4 37.0



#90

Hexachloroethane

Concen: 9.310 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022422.D

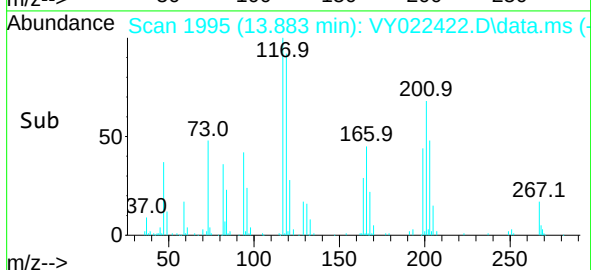
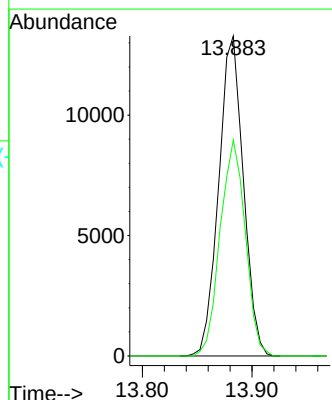
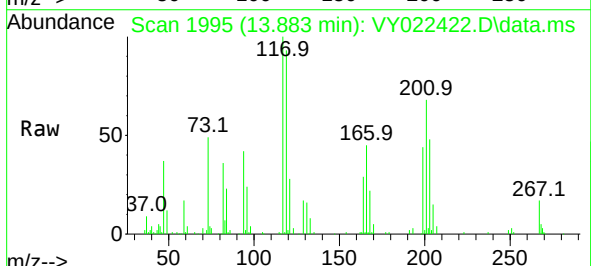
Acq: 27 May 2025 09:14

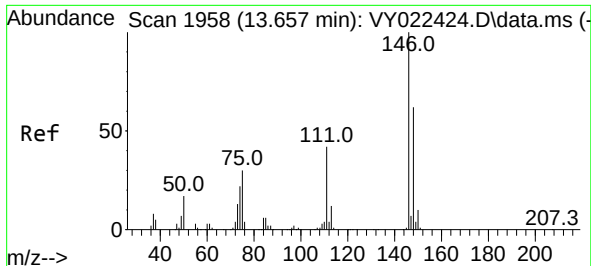
Tgt Ion: 117 Resp: 20778

Ion Ratio Lower Upper

117 100

201 68.7 35.0 105.0

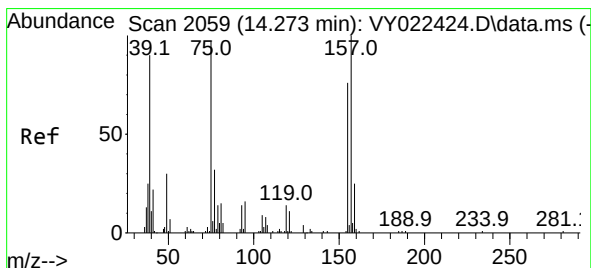
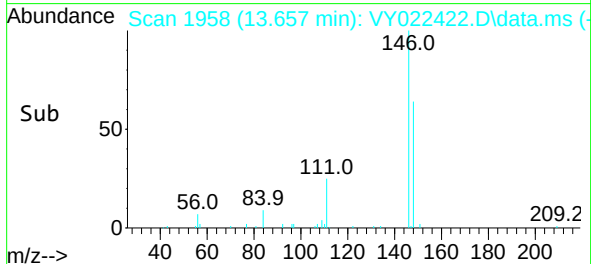
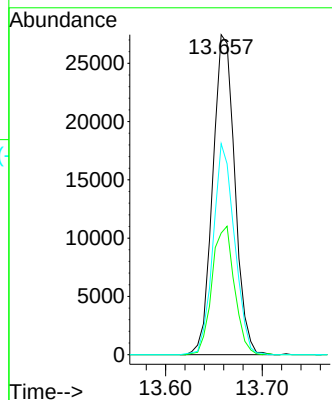
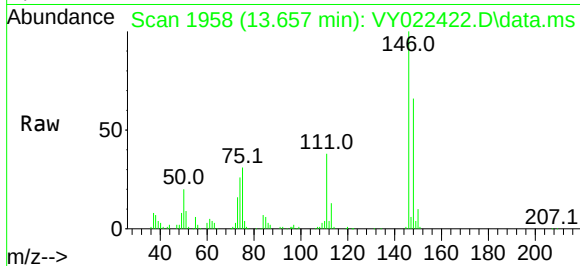




#91
1,2-Dichlorobenzene
Concen: 9.358 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

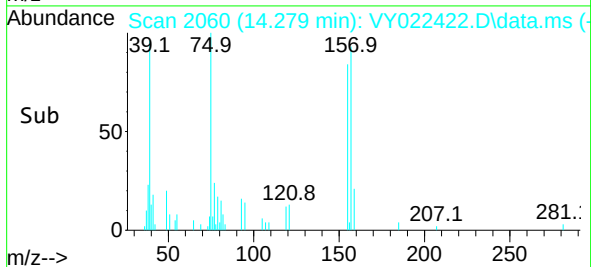
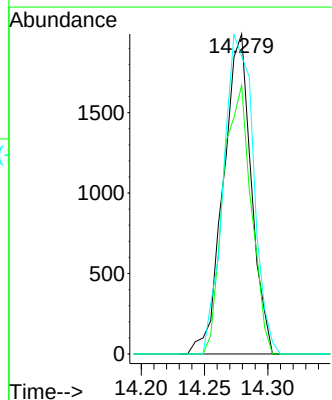
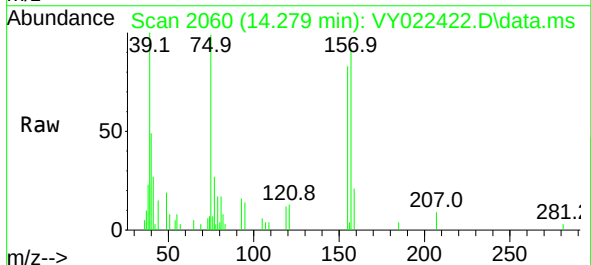
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

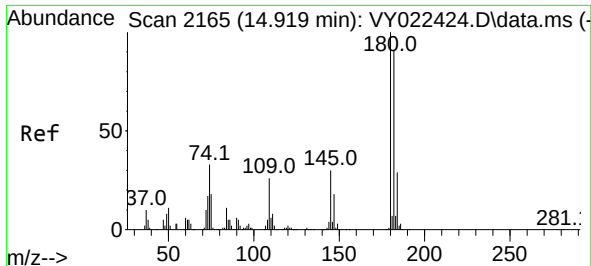
Tgt Ion:146 Resp: 43417
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.740 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022422.D
Acq: 27 May 2025 09:14

Tgt Ion: 75 Resp: 3042
Ion Ratio Lower Upper
75 100
155 84.2 42.3 126.8
157 107.4 54.4 163.3

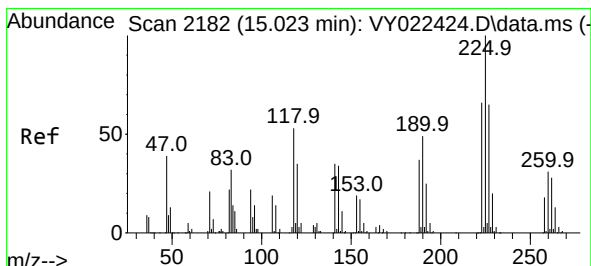
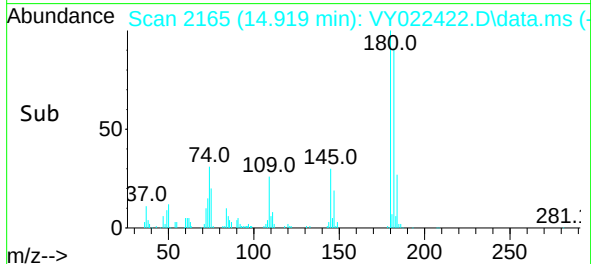
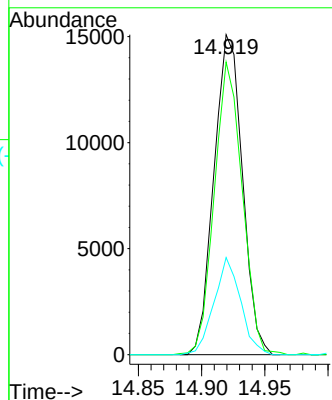
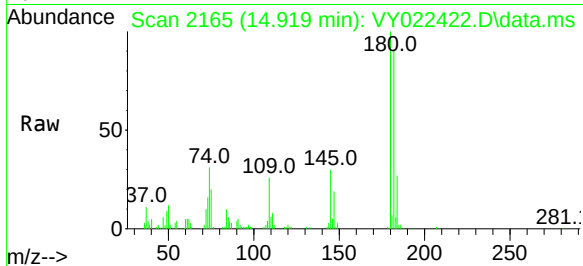




#93
 1,2,4-Trichlorobenzene
 Concen: 9.172 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

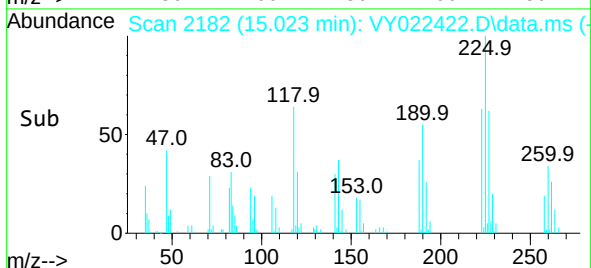
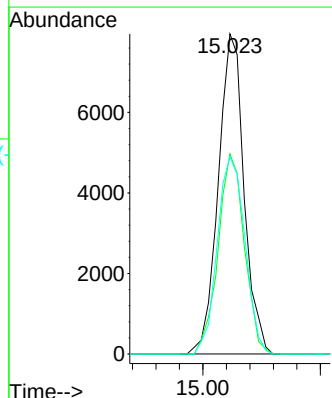
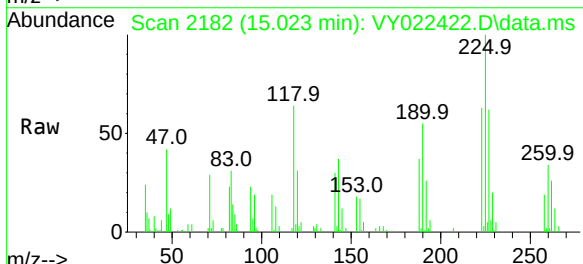
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

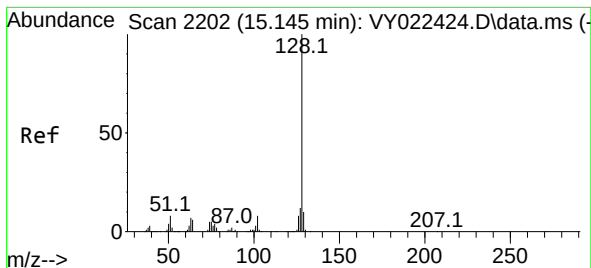
Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	46.2	138.6
145	28.4	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 8.956 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY022422.D
 Acq: 27 May 2025 09:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.6	97.7
227	66.2	33.0	99.0





#95

Naphthalene

Concen: 8.878 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

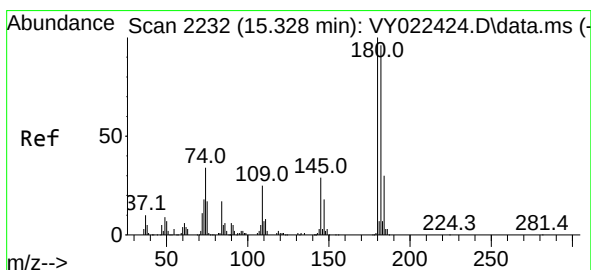
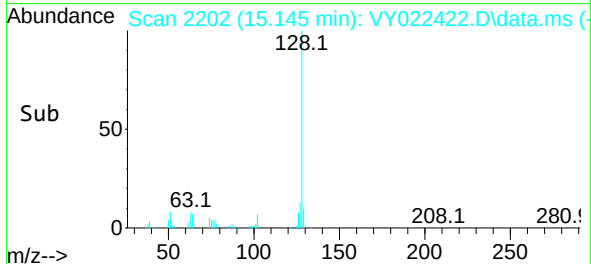
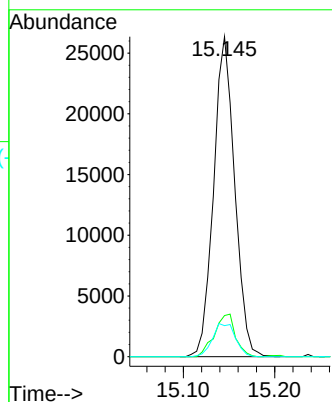
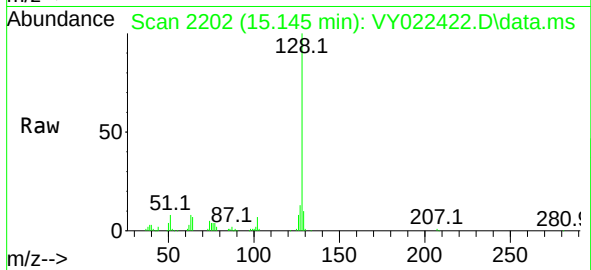
Tgt Ion:128 Resp: 42212

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 8.567 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022422.D

Acq: 27 May 2025 09:14

Tgt Ion:180 Resp: 18071

Ion Ratio Lower Upper

180 100

182 97.3 48.1 144.3

145 31.6 14.9 44.5

