

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022182.D
 Acq On : 07 May 2025 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 01:40:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	210498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	299997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105829	54.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.860%	
35) Dibromofluoromethane	7.634	113	112361	54.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.109	98	446486	57.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.140%	
62) 4-Bromofluorobenzene	12.408	95	154397	59.135	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75863	42.295	ug/l	97
3) Chloromethane	2.068	50	138898	54.385	ug/l	98
4) Vinyl Chloride	2.202	62	169747	54.086	ug/l	97
5) Bromomethane	2.592	94	132084	48.849	ug/l	98
6) Chloroethane	2.733	64	116061	54.299	ug/l	99
7) Trichlorofluoromethane	3.056	101	203756	49.234	ug/l	98
8) Diethyl Ether	3.458	74	50256	46.656	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	110140	49.060	ug/l	98
10) Methyl Iodide	4.001	142	128497	49.436	ug/l	98
11) Tert butyl alcohol	4.872	59	23619	221.271	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	100531	48.042	ug/l	94
13) Acrolein	3.653	56	16747	87.414	ug/l	94
14) Allyl chloride	4.385	41	124974	51.291	ug/l	97
15) Acrylonitrile	5.061	53	99137	251.399	ug/l	99
16) Acetone	3.873	43	76669	306.044	ug/l	99
17) Carbon Disulfide	4.104	76	314463	47.131	ug/l	99
18) Methyl Acetate	4.385	43	48798	53.728	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	229869	49.079	ug/l	99
20) Methylene Chloride	4.610	84	120953	49.197	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	115975	49.487	ug/l	96
22) Diisopropyl ether	6.019	45	307090	56.634	ug/l	97
23) Vinyl Acetate	5.958	43	791777	270.945	ug/l	97
24) 1,1-Dichloroethane	5.915	63	198860	52.909	ug/l	98
25) 2-Butanone	6.902	43	115764	261.199	ug/l	95
26) 2,2-Dichloropropane	6.884	77	176586	53.605	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	134040	51.152	ug/l	96
28) Bromochloromethane	7.244	49	80625	55.227	ug/l	95
29) Tetrahydrofuran	7.262	42	76742	266.603	ug/l	99
30) Chloroform	7.421	83	223909	53.708	ug/l	99
31) Cyclohexane	7.701	56	162398	50.527	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	197110	52.259	ug/l	98
36) 1,1-Dichloropropene	7.835	75	154811	56.021	ug/l	97
37) Ethyl Acetate	6.988	43	55807	56.229	ug/l	99
38) Carbon Tetrachloride	7.817	117	182047	55.130	ug/l	100
39) Methylcyclohexane	9.109	83	187610	53.948	ug/l	97
40) Benzene	8.079	78	487982	56.490	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	74193	136.748	ug/l #	30
42) 1,2-Dichloroethane	8.158	62	123641	57.810	ug/l	99
43) Isopropyl Acetate	8.201	43	104156	54.646	ug/l	96
44) Trichloroethene	8.866	130	124996	52.240	ug/l	93
45) 1,2-Dichloropropane	9.140	63	111198	58.208	ug/l	99
46) Dibromomethane	9.231	93	67722	56.630	ug/l	96
47) Bromodichloromethane	9.426	83	170911	57.210	ug/l	100
48) Methyl methacrylate	9.219	41	49358	56.018	ug/l	97
49) 1,4-Dioxane	9.237	88	13113	1028.803	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	292188	292.437	ug/l	97
52) Toluene	10.170	92	325502	58.211	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	144889	56.543	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	174833	57.397	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	90389	56.586	ug/l	98
56) Ethyl methacrylate	10.438	69	103830	56.840	ug/l	96
57) 1,3-Dichloropropane	10.719	76	145667	56.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	255878	286.493	ug/l	99
59) 2-Hexanone	10.762	43	196899	298.774	ug/l	95
60) Dibromochloromethane	10.914	129	124126	56.126	ug/l	98
61) 1,2-Dibromoethane	11.018	107	84888	56.290	ug/l	98
64) Tetrachloroethene	10.646	164	149382	52.784	ug/l	97
65) Chlorobenzene	11.444	112	362212	53.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	128943	54.594	ug/l	100
67) Ethyl Benzene	11.518	91	609889	55.574	ug/l	99
68) m/p-Xylenes	11.633	106	490191	112.250	ug/l	99
69) o-Xylene	11.956	106	225123	55.932	ug/l	100
70) Styrene	11.969	104	395321	58.497	ug/l	99
71) Bromoform	12.133	173	73564	53.573	ug/l #	99
73) Isopropylbenzene	12.255	105	599120	53.425	ug/l	100
74) N-amyl acetate	12.072	43	97529	50.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	96830	51.214	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	131993	91.807	ug/l #	100
77) Bromobenzene	12.536	156	146672	51.760	ug/l	97
78) n-propylbenzene	12.597	91	739542	55.376	ug/l	99
79) 2-Chlorotoluene	12.682	91	419774	54.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	511111	55.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	30388	50.899	ug/l	96
82) 4-Chlorotoluene	12.779	91	446140	55.259	ug/l	99
83) tert-Butylbenzene	12.999	119	441149	53.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	509199	55.096	ug/l	99
85) sec-Butylbenzene	13.176	105	661345	54.539	ug/l	100
86) p-Isopropyltoluene	13.292	119	566145	54.982	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	303472	52.729	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	296890	52.086	ug/l	99
89) n-Butylbenzene	13.621	91	504471	54.812	ug/l	100
90) Hexachloroethane	13.883	117	120755	53.376	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	266800	53.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15292	50.837	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	145340	51.094	ug/l	100
94) Hexachlorobutadiene	15.023	225	89306	51.028	ug/l	98
95) Naphthalene	15.145	128	232067	49.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	124814	50.832	ug/l	100

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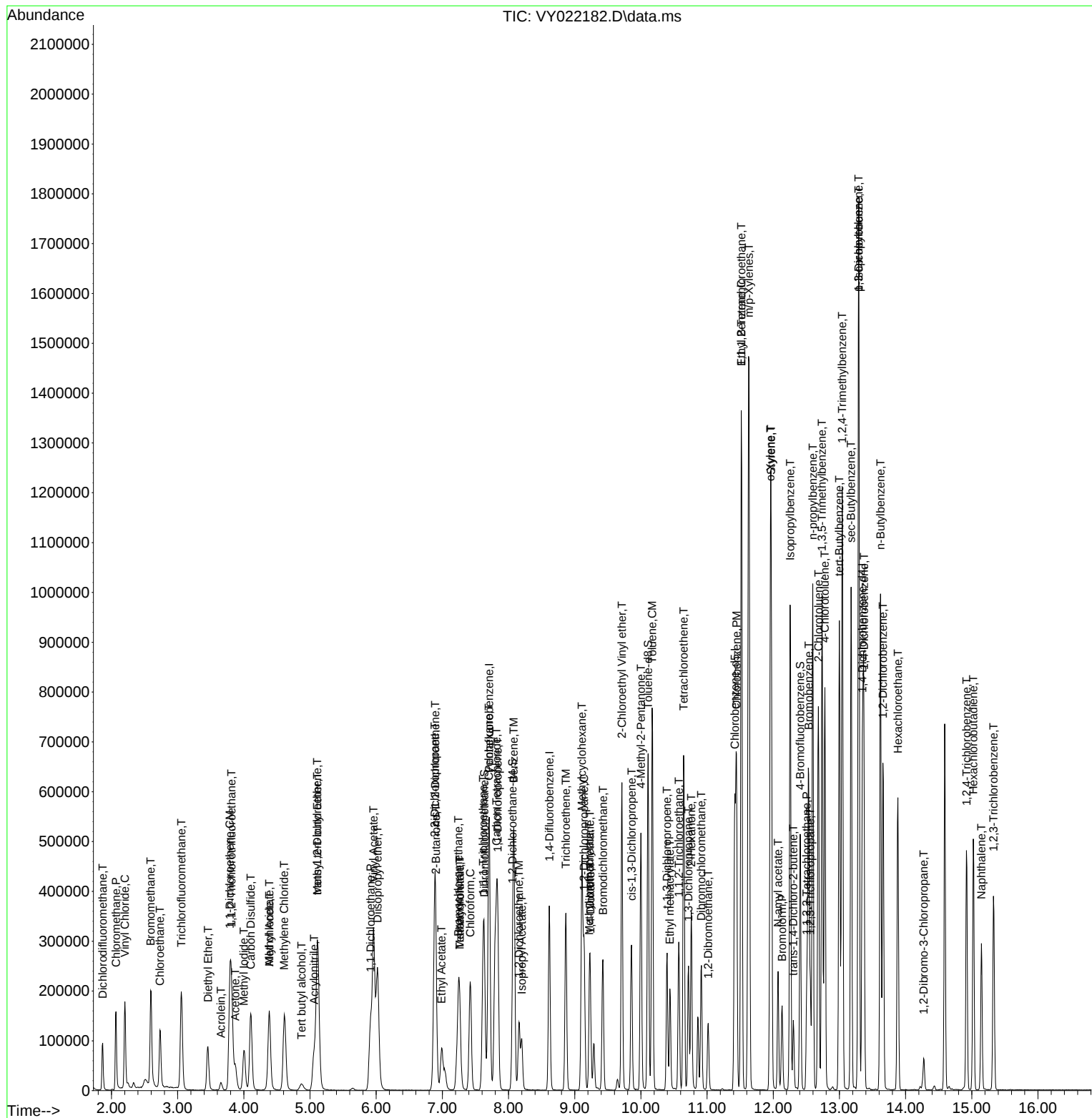
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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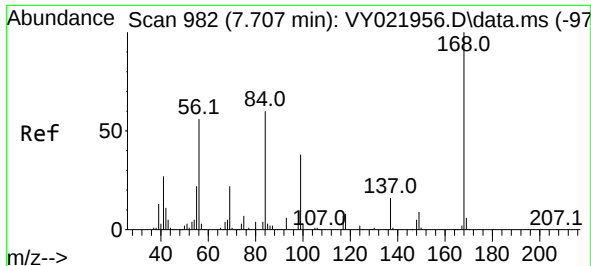
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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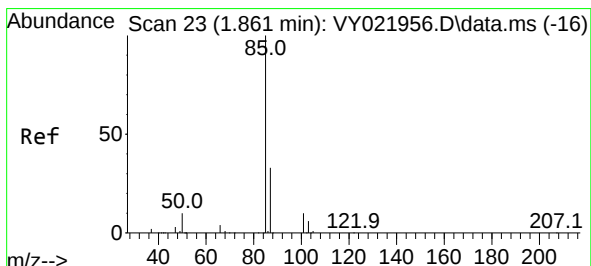
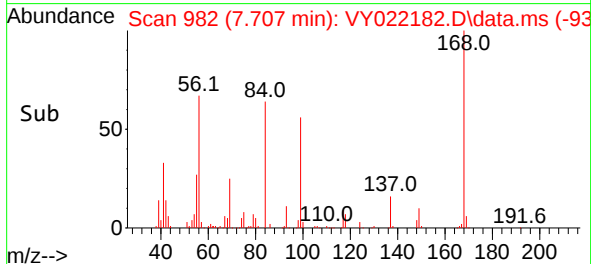
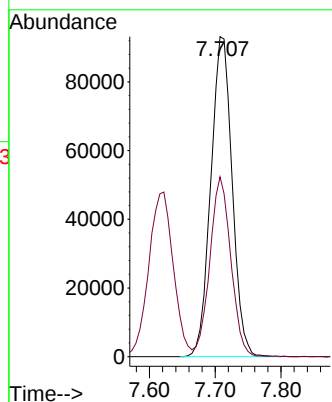
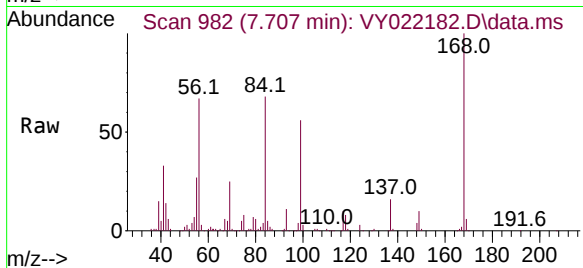




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022182.D
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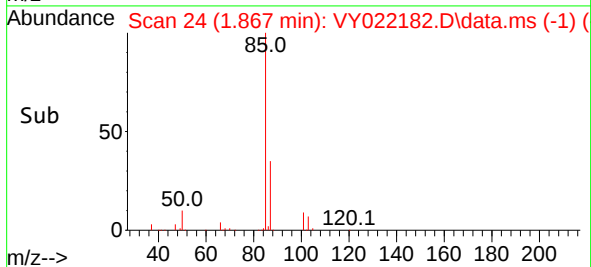
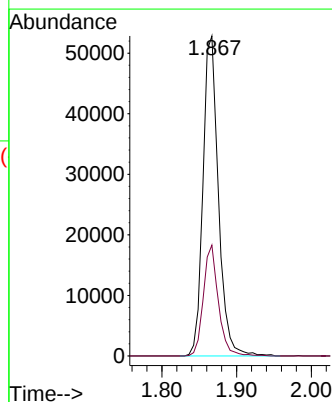
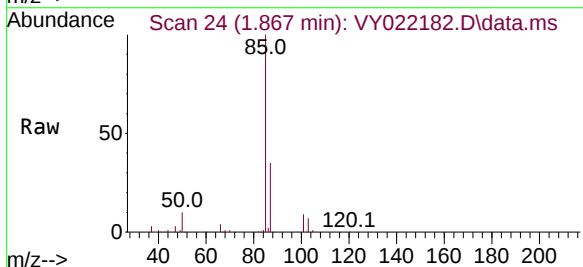
Instrument :
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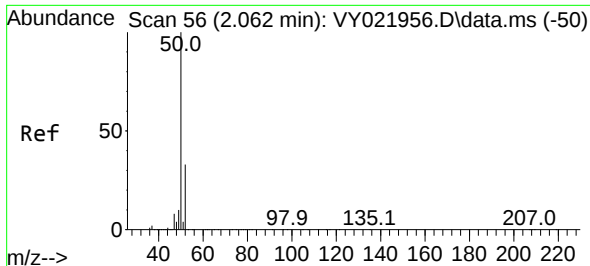
Tgt Ion:168 Resp: 210498
Ion Ratio Lower Upper
168 100
99 56.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 42.295 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 85 Resp: 75863
Ion Ratio Lower Upper
85 100
87 34.7 16.6 49.7

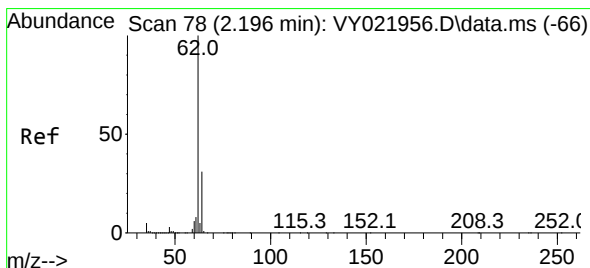
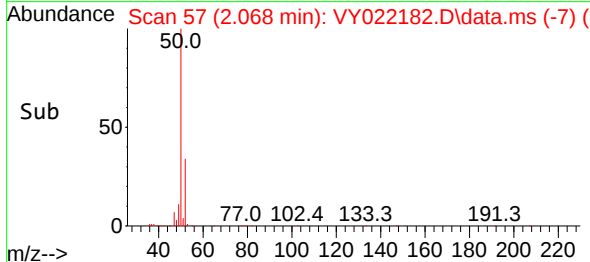
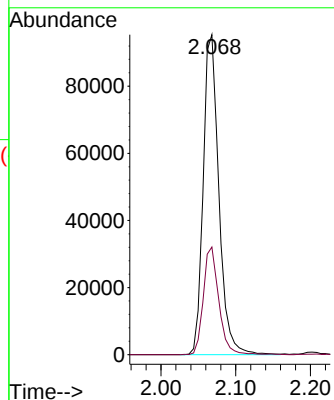
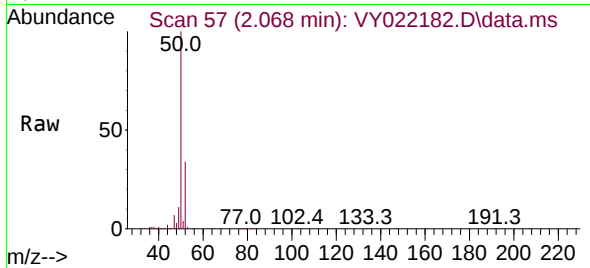




#3
Chloromethane
Concen: 54.385 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

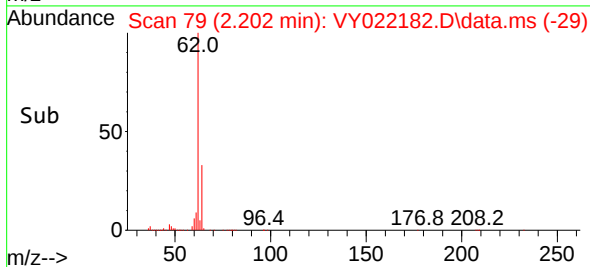
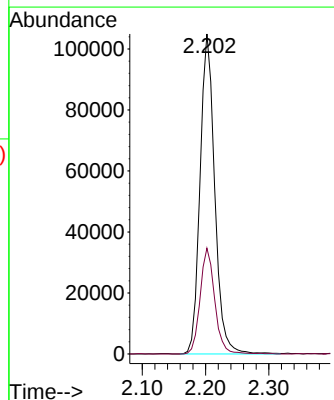
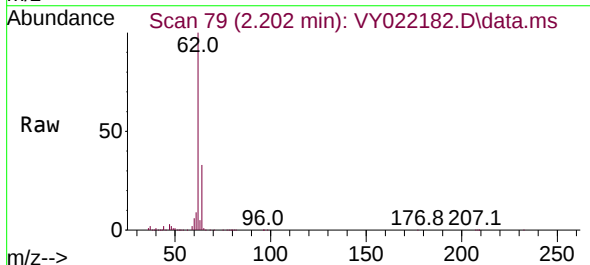
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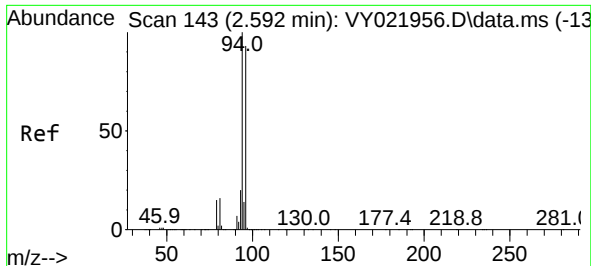
Tgt Ion: 50 Resp: 138898
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1



#4
Vinyl Chloride
Concen: 54.086 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 62 Resp: 169747
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7

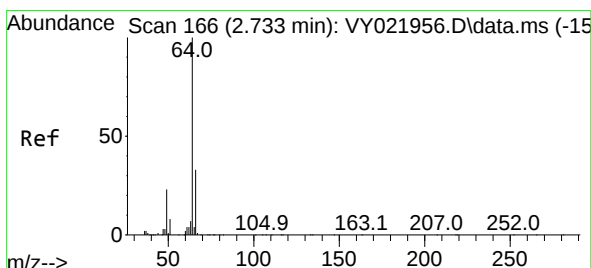
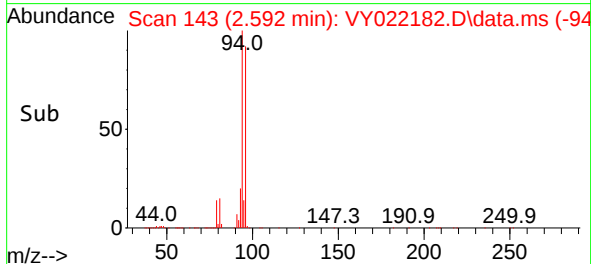
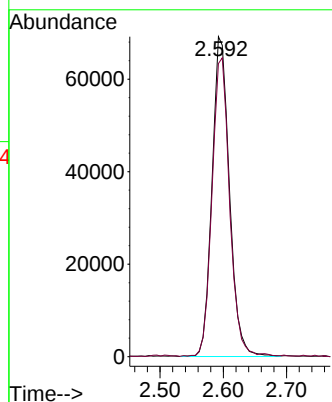
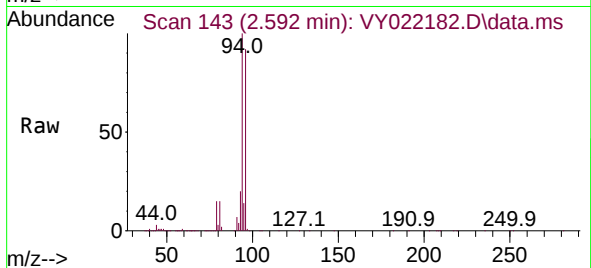




#5
Bromomethane
Concen: 48.849 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022182.D
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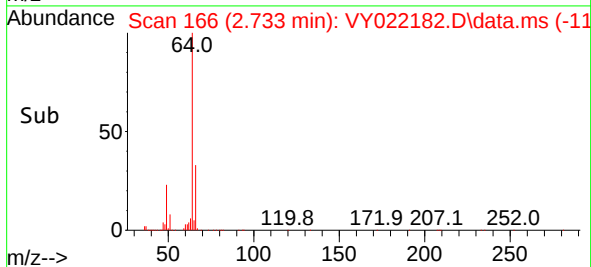
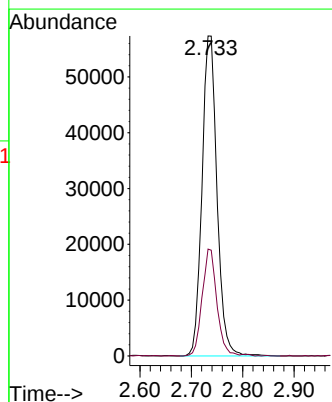
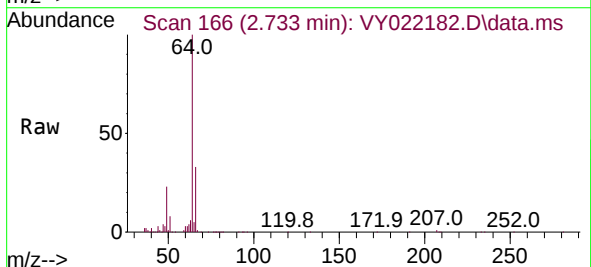
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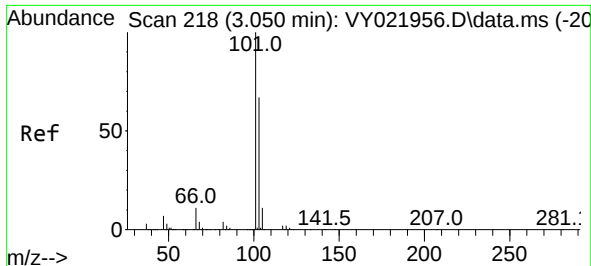
Tgt Ion: 94 Resp: 132084
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8



#6
Chloroethane
Concen: 54.299 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022182.D
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Tgt Ion: 64 Resp: 116061
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

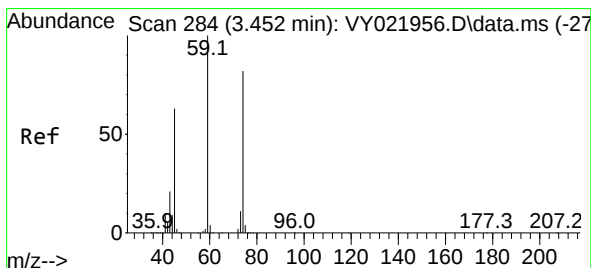
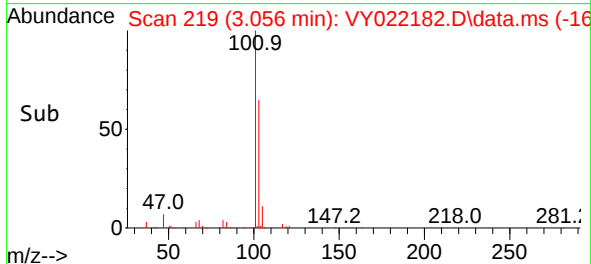
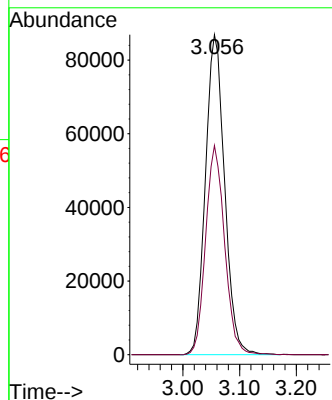
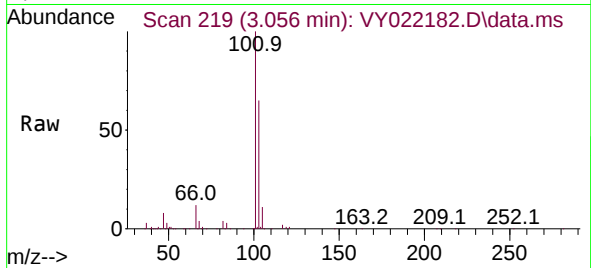




#7
Trichlorofluoromethane
Concen: 49.234 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

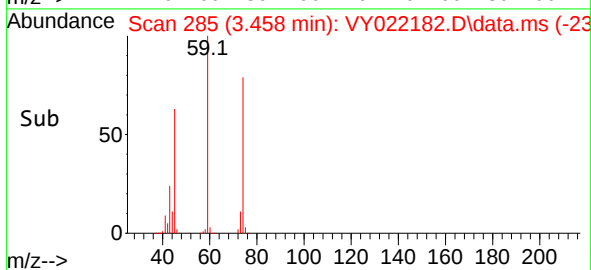
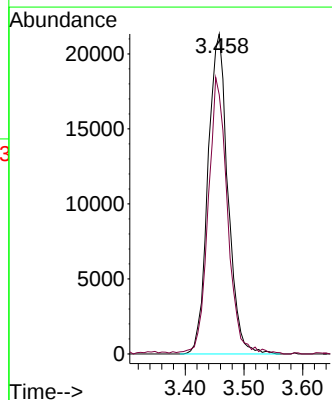
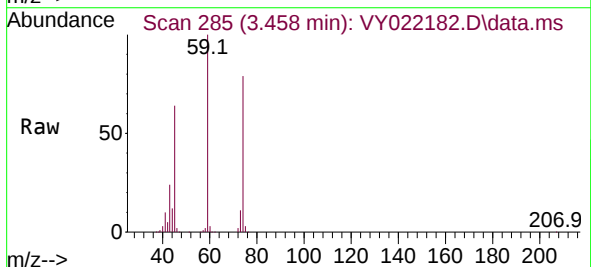
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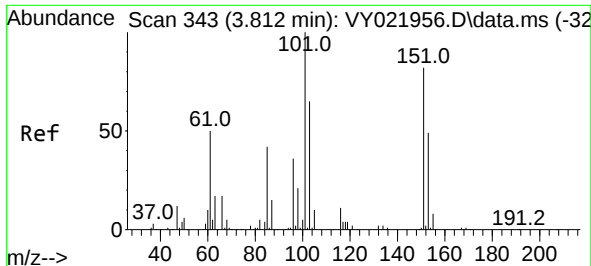
Tgt Ion:101 Resp: 203756
Ion Ratio Lower Upper
101 100
103 65.4 53.6 80.4



#8
Diethyl Ether
Concen: 46.656 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 74 Resp: 50256
Ion Ratio Lower Upper
74 100
45 83.9 39.1 117.5

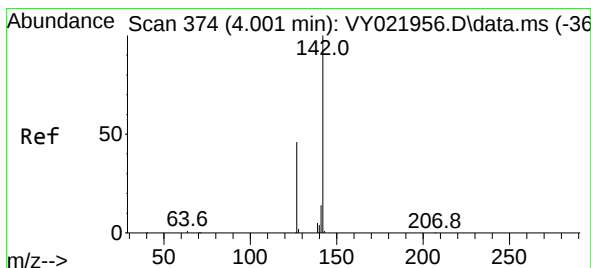
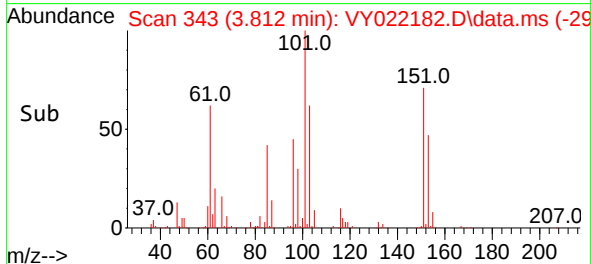
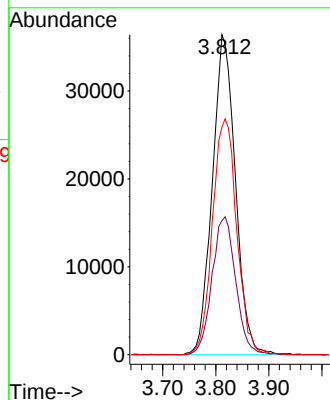
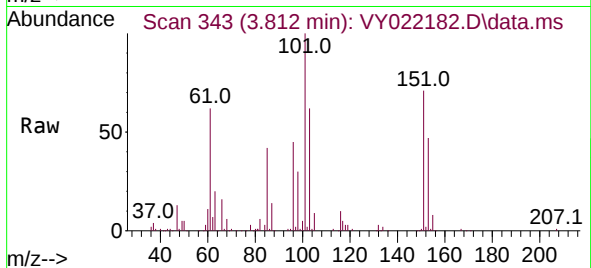




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.060 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

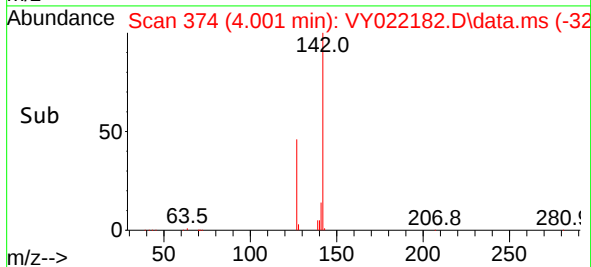
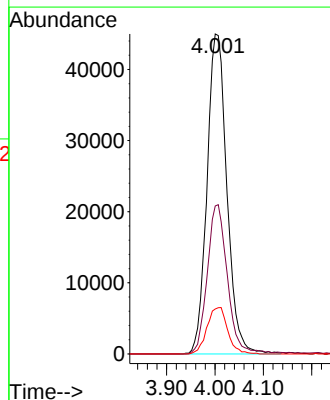
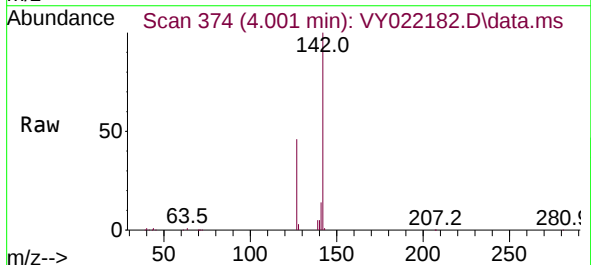
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

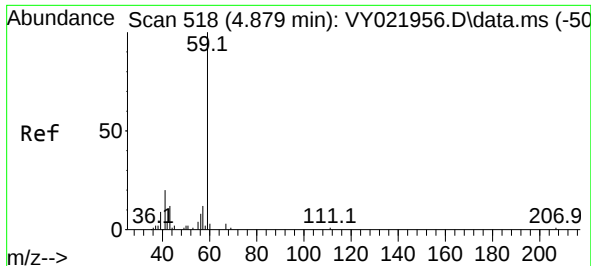
Tgt Ion:101 Resp: 110140
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 77.5 63.7 95.5



#10
Methyl Iodide
Concen: 49.436 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:142 Resp: 128497
Ion Ratio Lower Upper
142 100
127 47.1 36.2 54.2
141 15.0 11.7 17.5

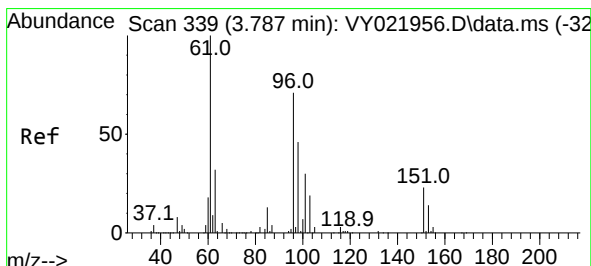
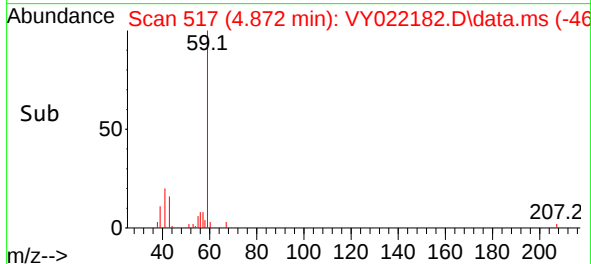
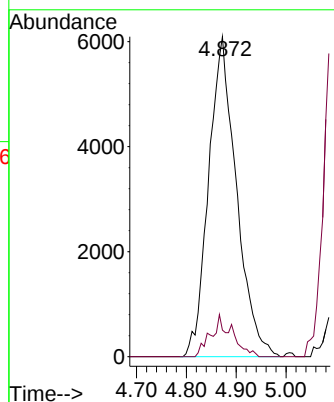
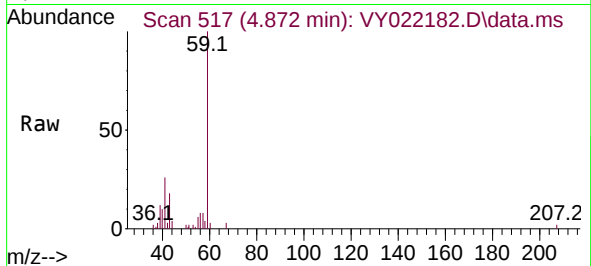




#11
Tert butyl alcohol
Concen: 221.271 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

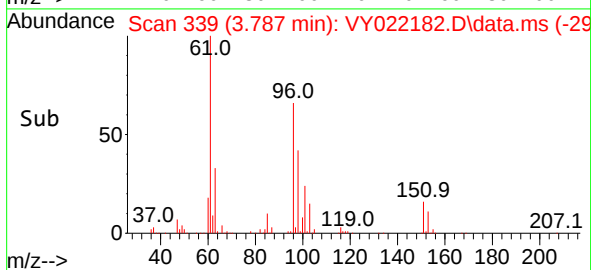
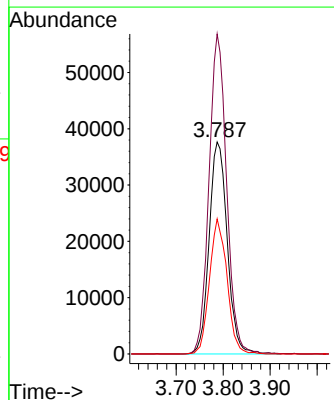
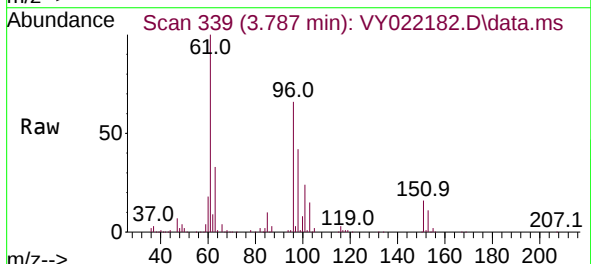
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

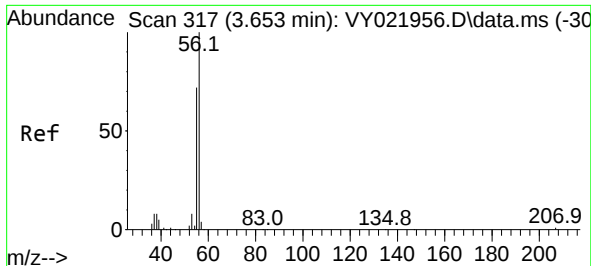
Tgt Ion: 59 Resp: 23619
Ion Ratio Lower Upper
59 100
57 6.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 48.042 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 96 Resp: 100531
Ion Ratio Lower Upper
96 100
61 150.9 113.0 169.4
98 63.7 51.4 77.2





#13

Acrolein

Concen: 87.414 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

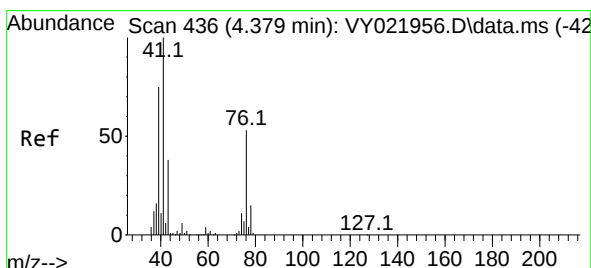
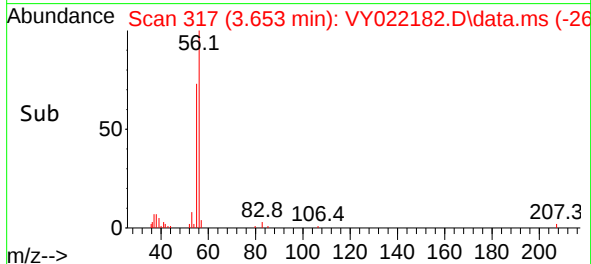
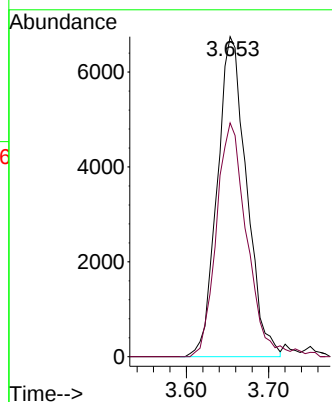
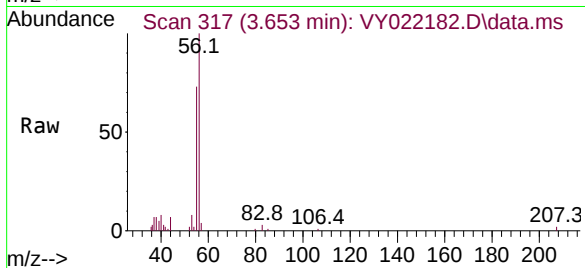
VSTDCCC050

Tgt Ion: 56 Resp: 16747

Ion Ratio Lower Upper

56 100

55 76.5 57.4 86.0



#14

Allyl chloride

Concen: 51.291 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

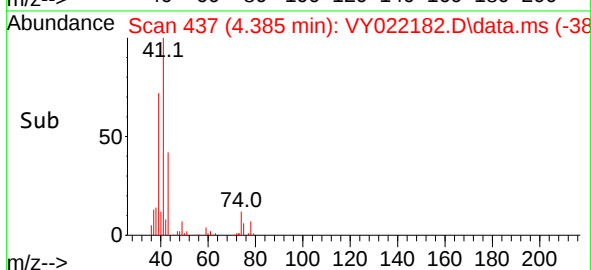
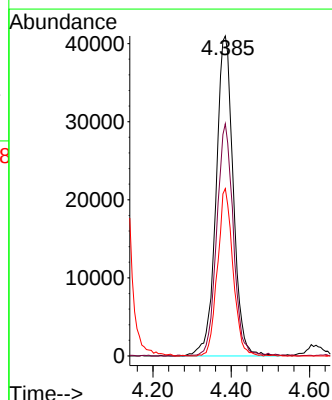
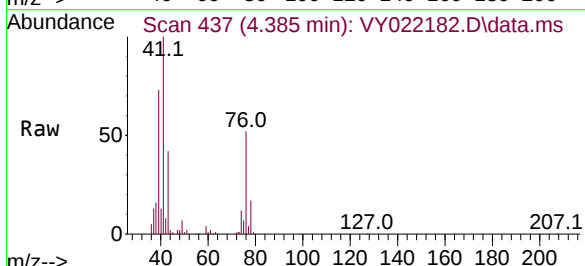
Tgt Ion: 41 Resp: 124974

Ion Ratio Lower Upper

41 100

39 69.6 57.2 85.8

76 47.1 39.7 59.5

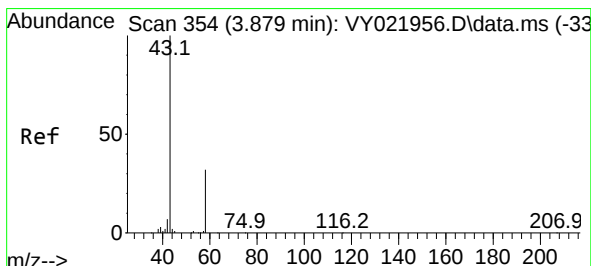
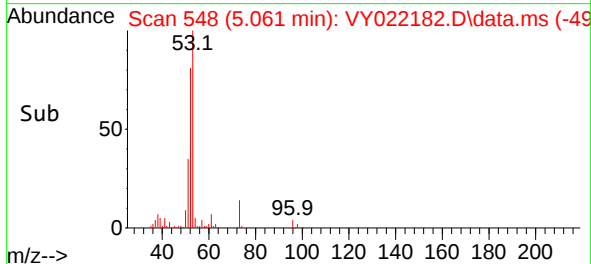
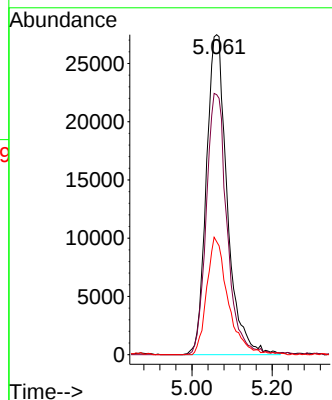
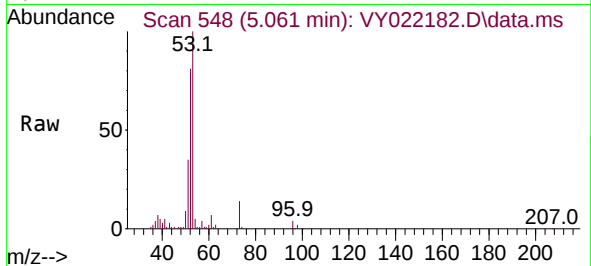




#15
Acrylonitrile
Concen: 251.399 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

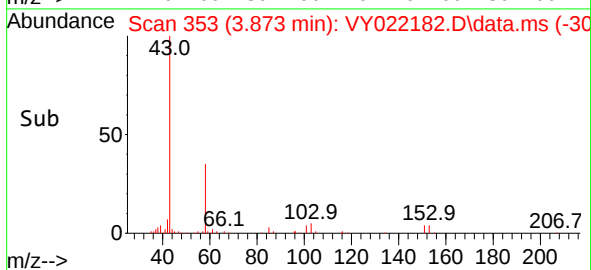
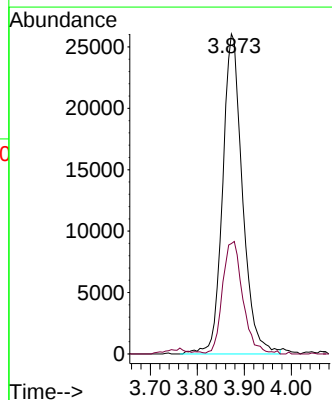
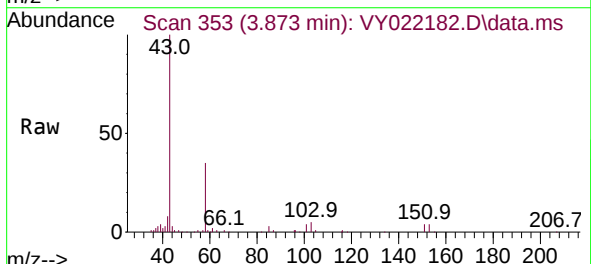
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

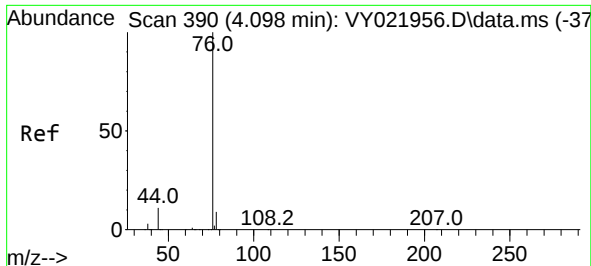
Tgt Ion: 53	Resp: 99137
Ion Ratio	Lower Upper
53 100	
52 81.3	65.0 97.6
51 37.3	28.9 43.3



#16
Acetone
Concen: 306.044 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 43	Resp: 76669
Ion Ratio	Lower Upper
43 100	
58 34.5	27.0 40.4

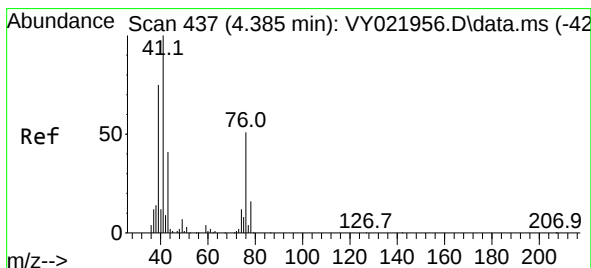
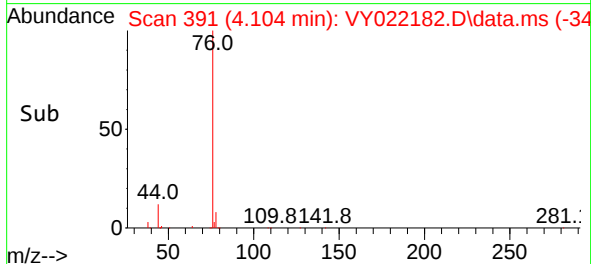
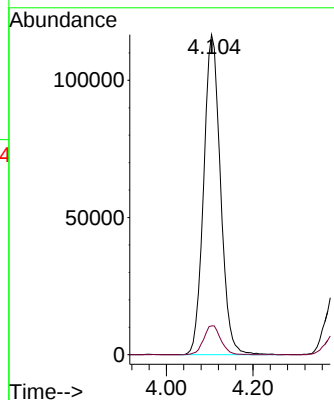
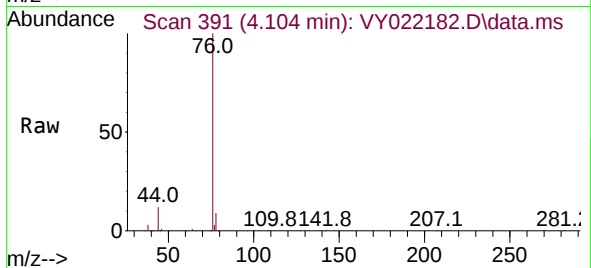




#17
Carbon Disulfide
Concen: 47.131 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

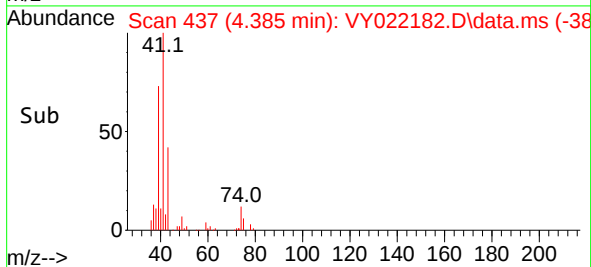
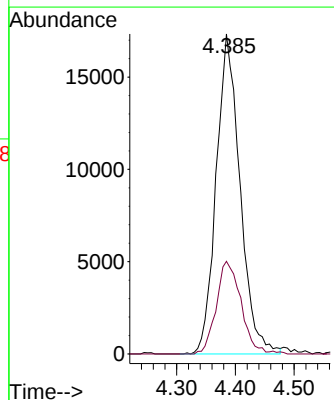
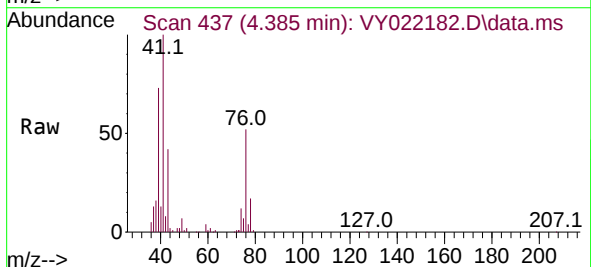
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 314463
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 53.728 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 43 Resp: 48798
Ion Ratio Lower Upper
43 100
74 29.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 49.079 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

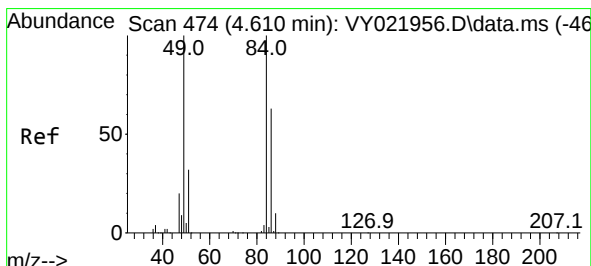
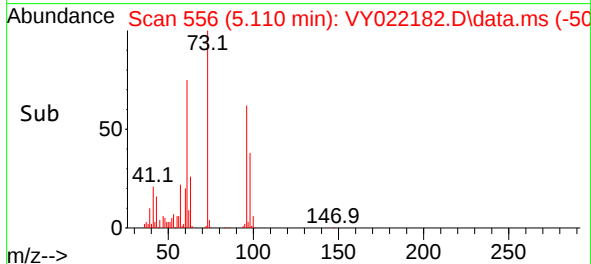
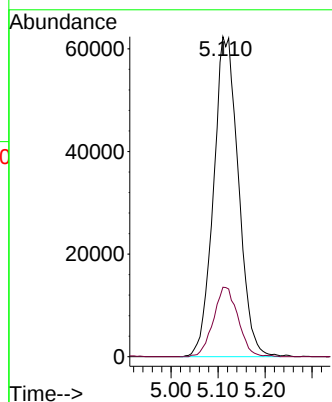
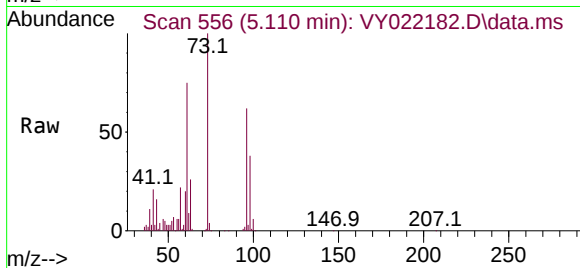
VSTDCCC050

Tgt Ion: 73 Resp: 229869

Ion Ratio Lower Upper

73 100

57 21.7 16.9 25.3



#20

Methylene Chloride

Concen: 49.197 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion: 84 Resp: 120953

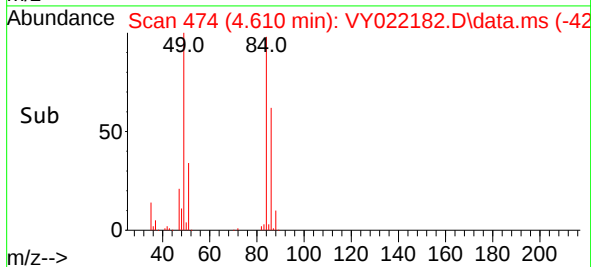
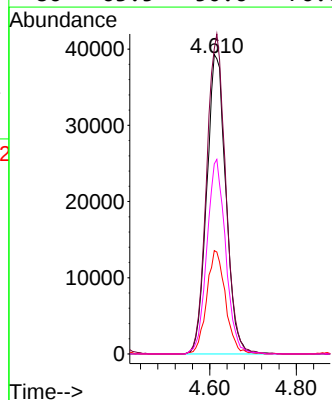
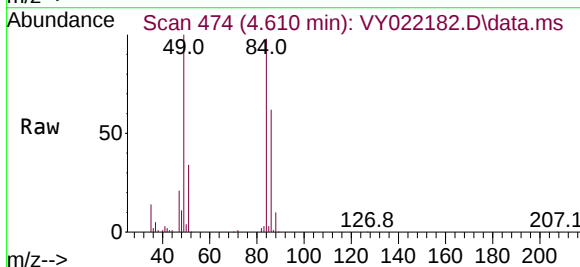
Ion Ratio Lower Upper

84 100

49 102.0 79.9 119.9

51 34.6 25.4 38.0

86 63.5 50.6 76.0

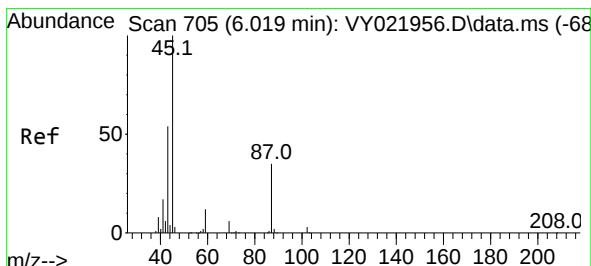
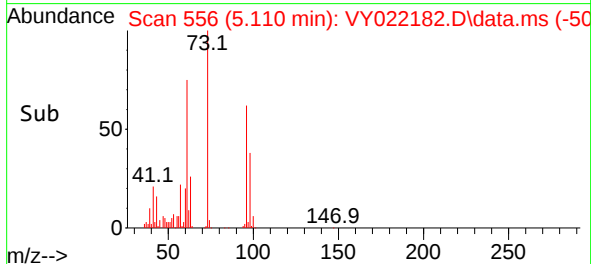
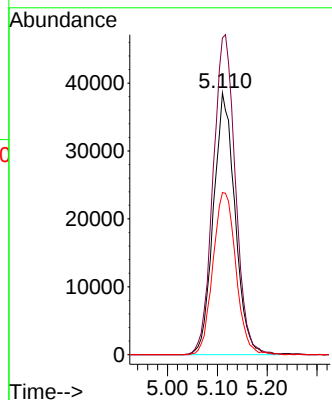
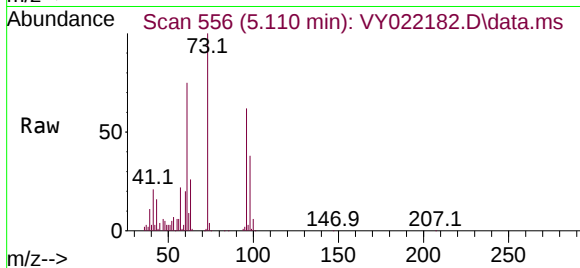




#21
trans-1,2-Dichloroethene
Concen: 49.487 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

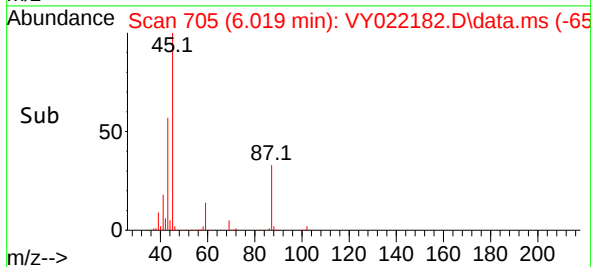
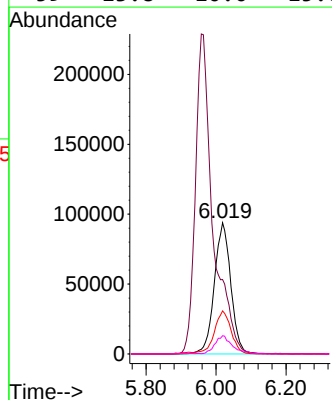
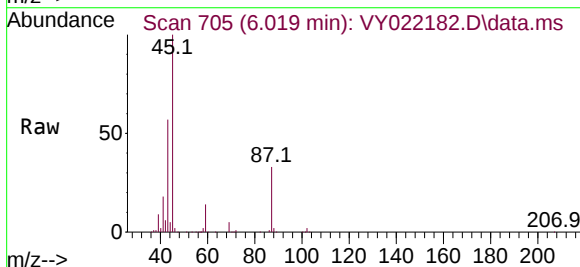
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

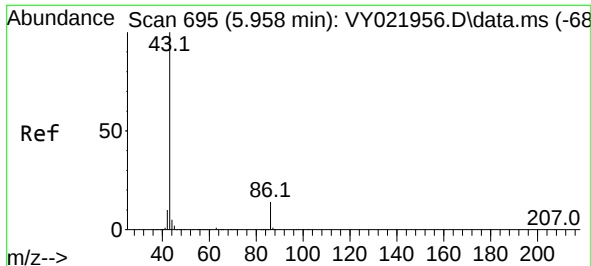
Tgt Ion: 96 Resp: 115975
Ion Ratio Lower Upper
96 100
61 121.0 92.6 138.8
98 61.9 50.2 75.4



#22
Diisopropyl ether
Concen: 56.634 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 45 Resp: 307090
Ion Ratio Lower Upper
45 100
43 56.3 43.6 65.4
87 32.8 28.2 42.4
59 13.8 10.0 15.0

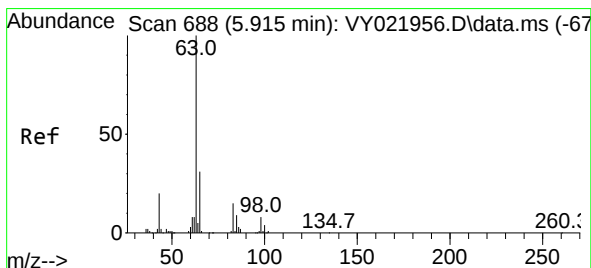
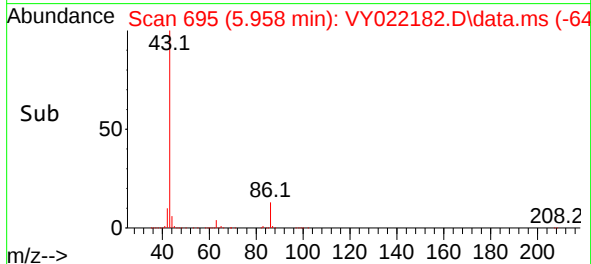
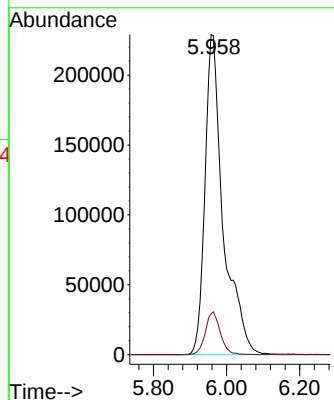
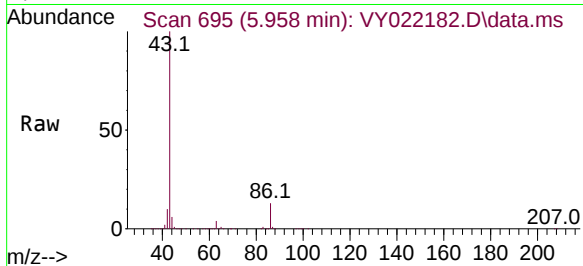




#23
 Vinyl Acetate
 Concen: 270.945 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

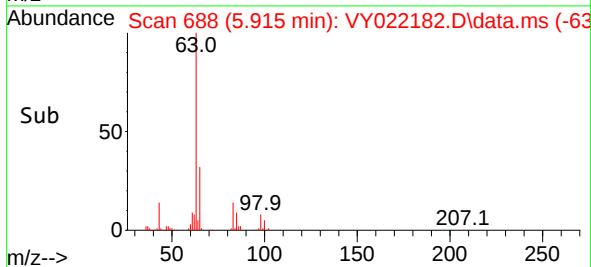
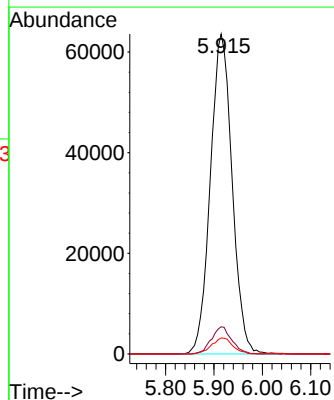
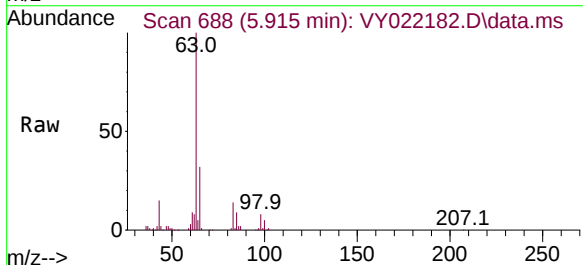
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

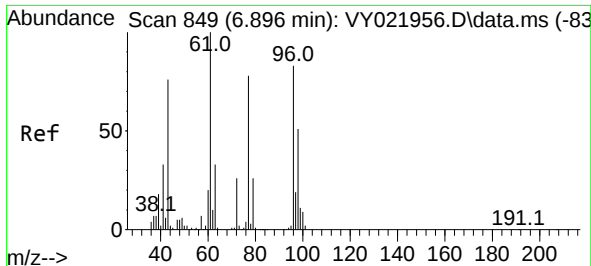
Tgt Ion: 43 Resp: 791777
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 52.909 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Tgt Ion: 63 Resp: 198860
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 261.199 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

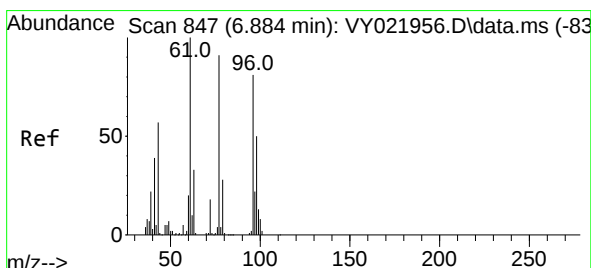
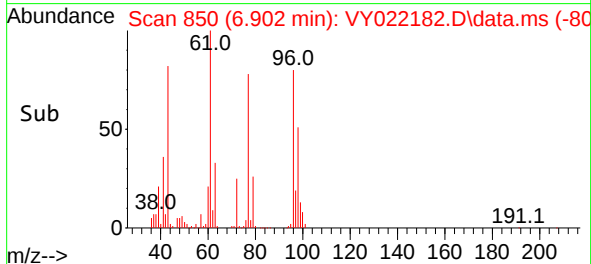
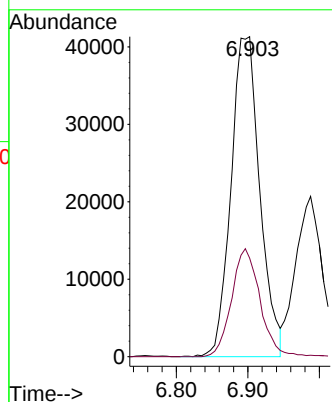
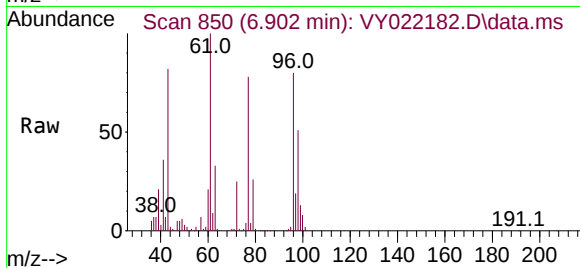
VSTDCCC050

Tgt Ion: 43 Resp: 115764

Ion Ratio Lower Upper

43 100

72 30.8 27.0 40.4



#26

2,2-Dichloropropane

Concen: 53.605 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022182.D

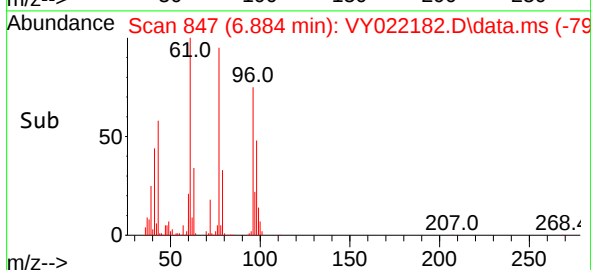
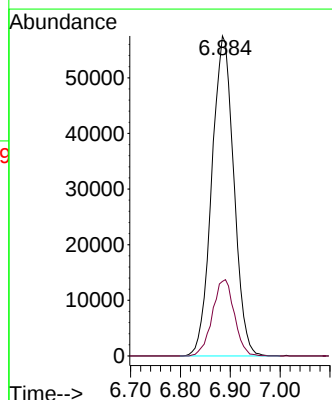
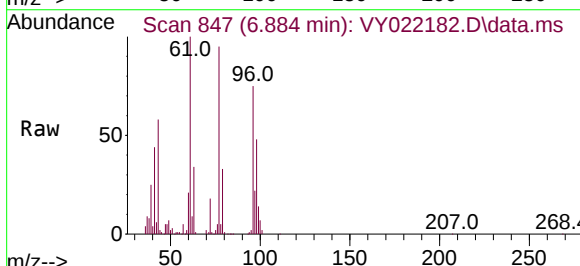
Acq: 07 May 2025 09:05

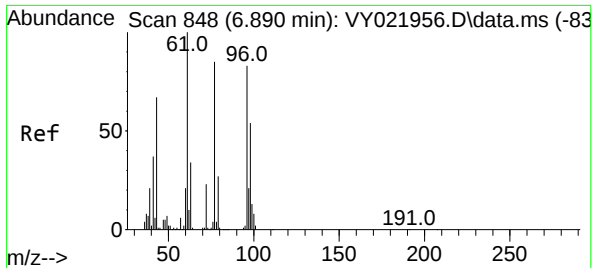
Tgt Ion: 77 Resp: 176586

Ion Ratio Lower Upper

77 100

97 23.7 12.4 37.4

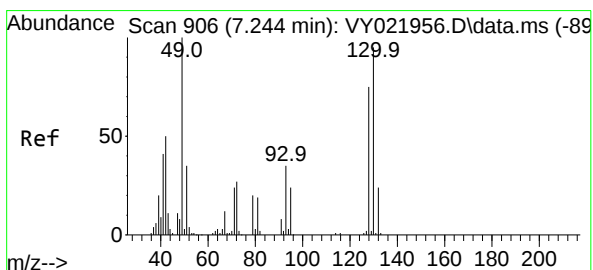
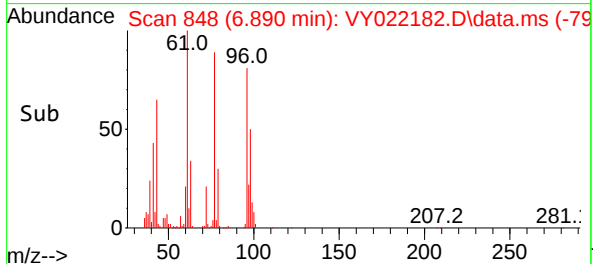
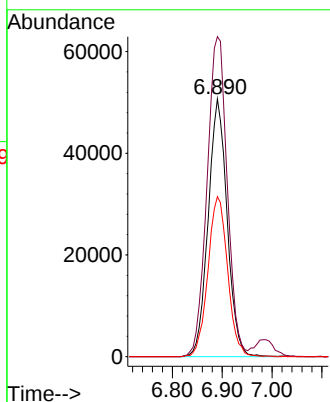
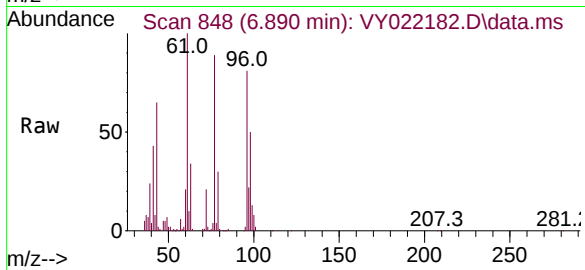




#27
 cis-1,2-Dichloroethene
 Concen: 51.152 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

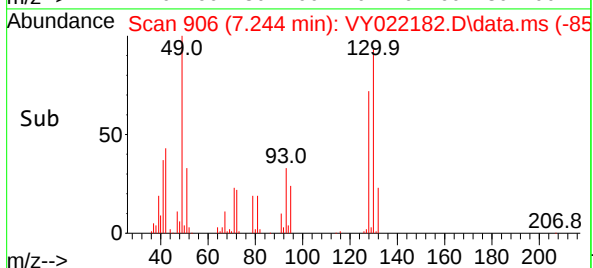
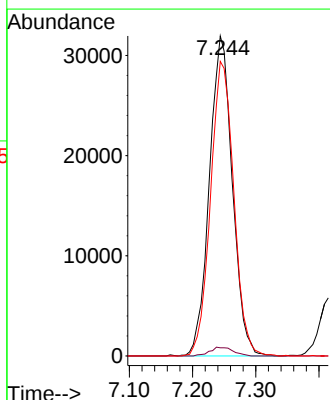
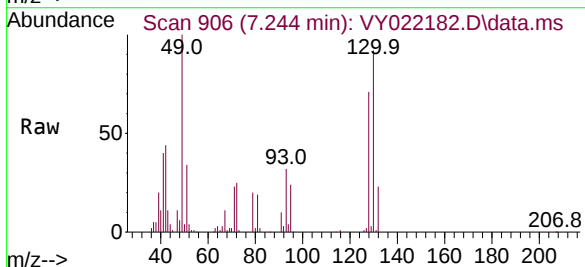
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

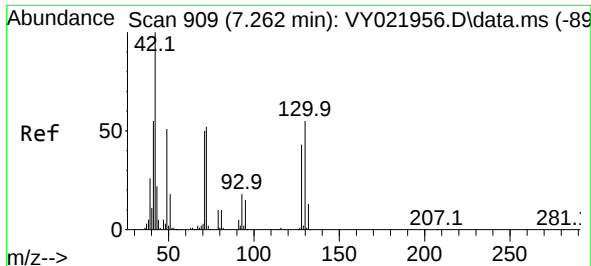
Tgt Ion: 96 Resp: 134040
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 251.4
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 55.227 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Tgt Ion: 49 Resp: 80625
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 93.0 78.2 117.4

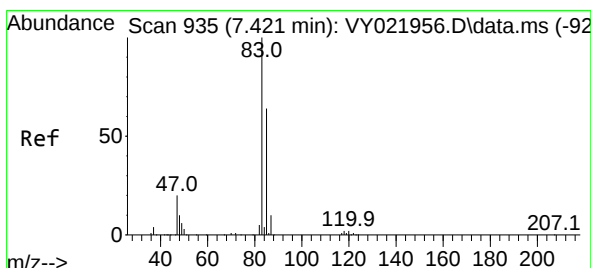
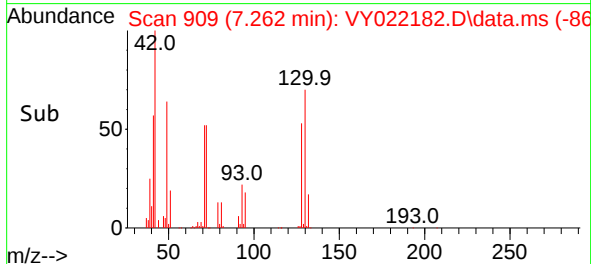
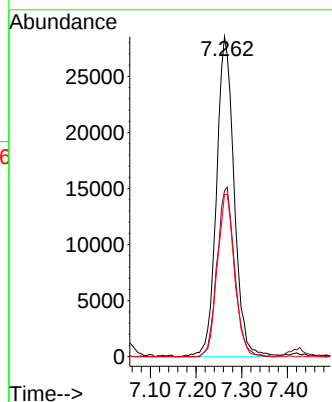
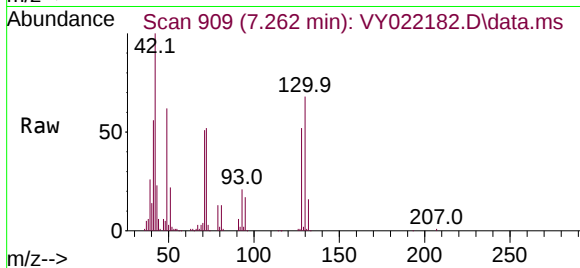




#29
Tetrahydrofuran
Concen: 266.603 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

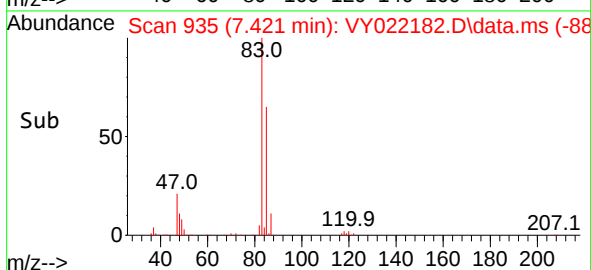
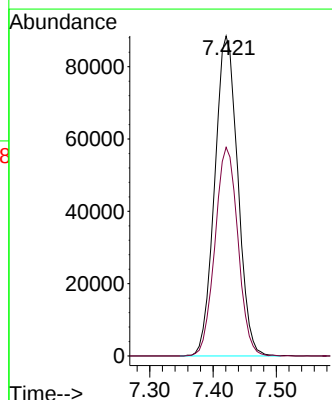
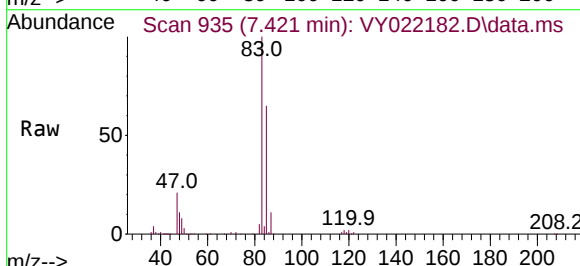
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	42	Resp:	76742
Ion	Ratio	Lower	Upper
42	100		
72	52.4	42.6	63.8
71	49.5	40.6	61.0



#30
Chloroform
Concen: 53.708 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:	83	Resp:	223909
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9

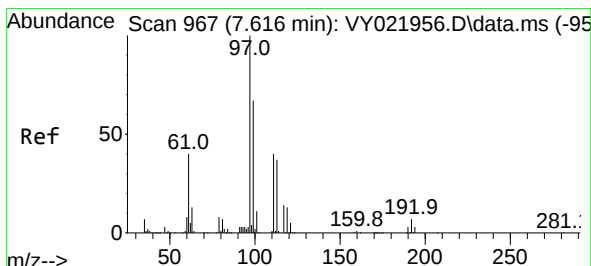
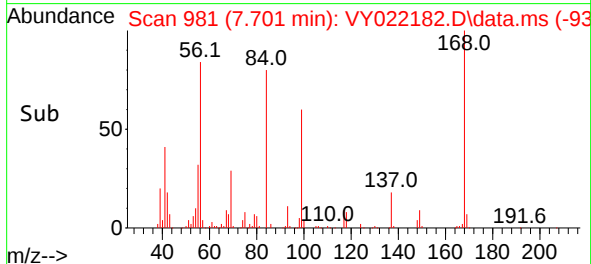
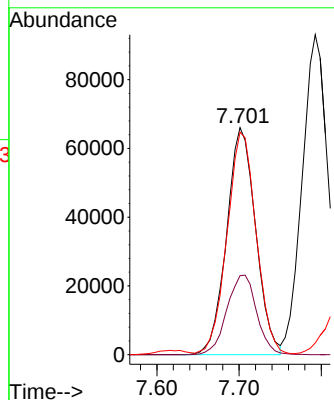
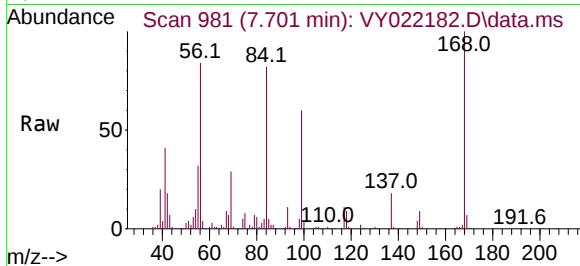




#31
Cyclohexane
Concen: 50.527 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

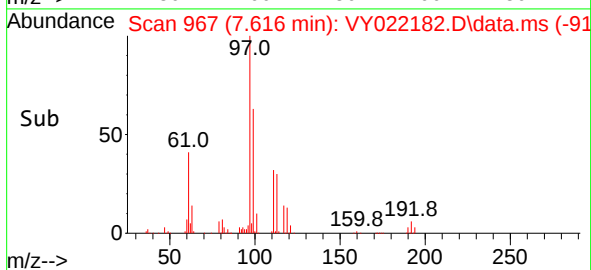
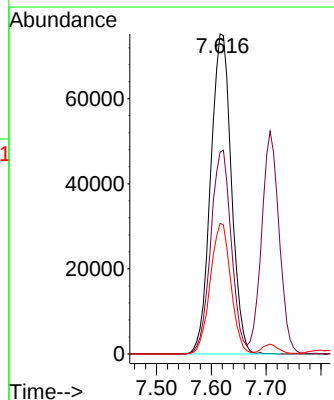
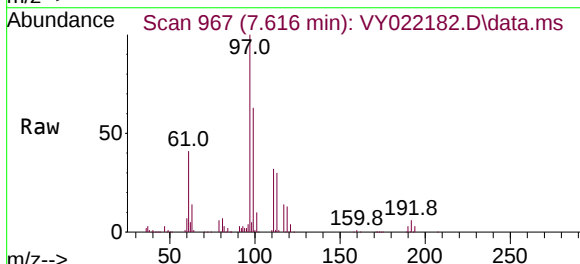
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

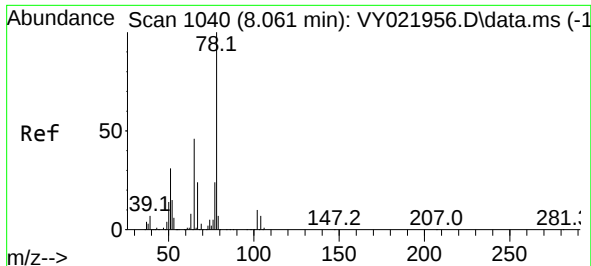
Tgt Ion: 56 Resp: 162398
Ion Ratio Lower Upper
56 100
69 34.6 29.4 44.2
84 96.1 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 52.259 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 97 Resp: 197110
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 40.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.430 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

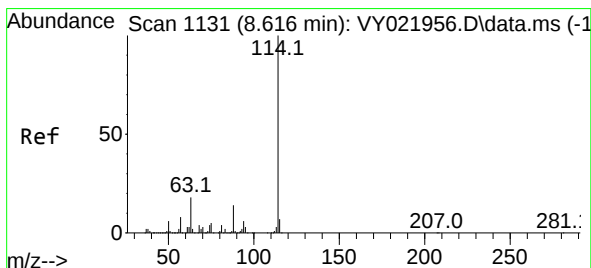
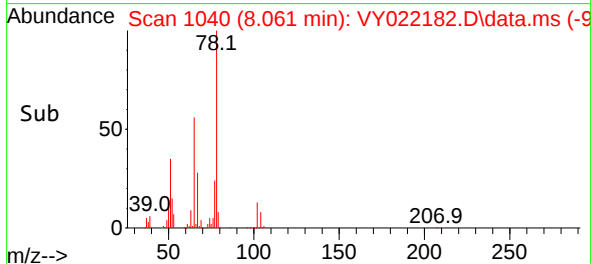
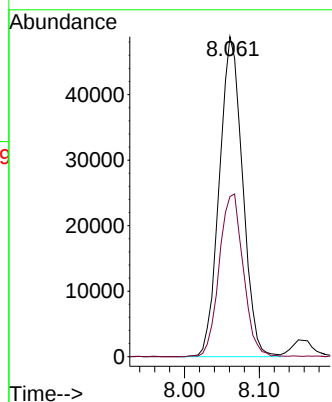
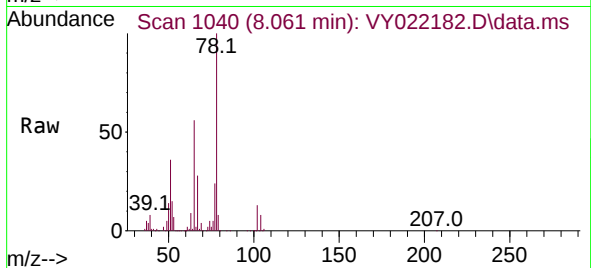
VSTDCCC050

Tgt Ion: 65 Resp: 105829

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

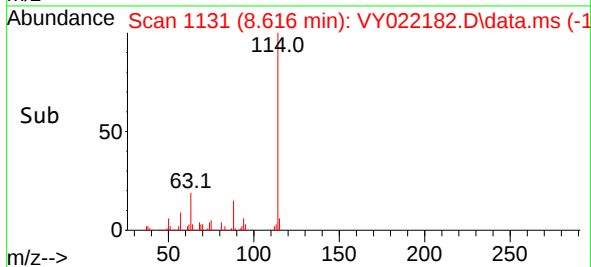
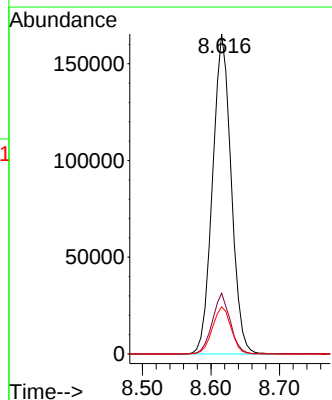
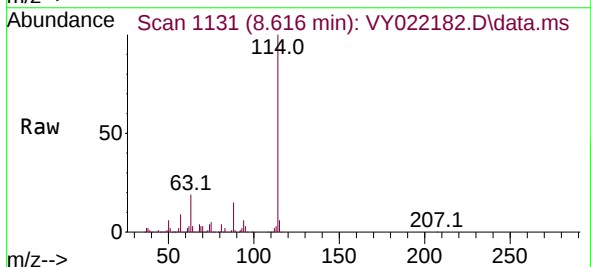
Tgt Ion: 114 Resp: 311397

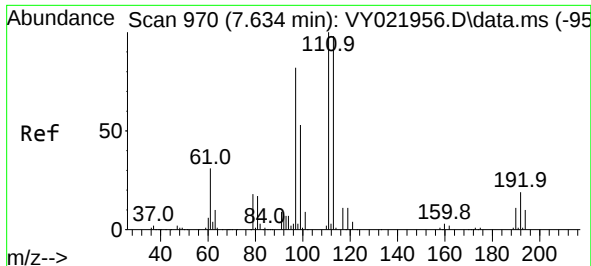
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.4

88 14.7 0.0 28.2

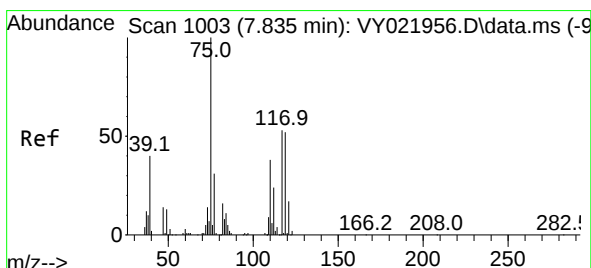
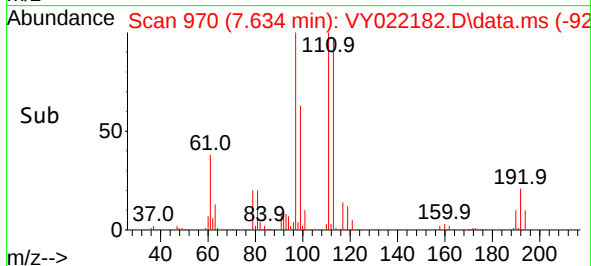
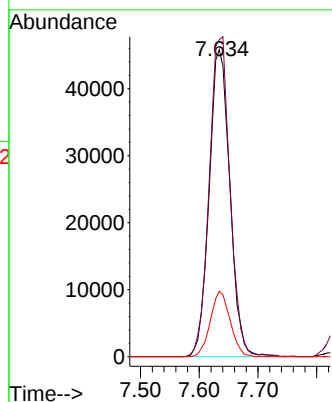
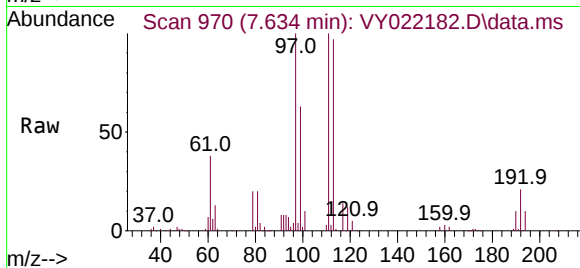




#35
Dibromofluoromethane
Concen: 54.617 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

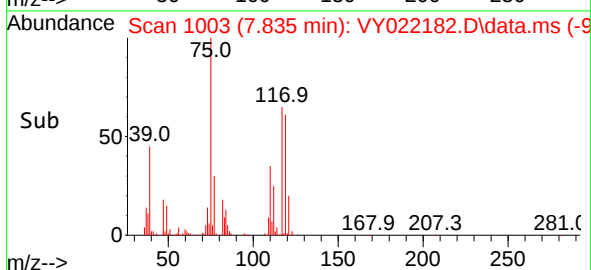
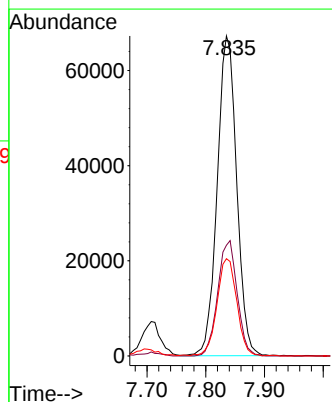
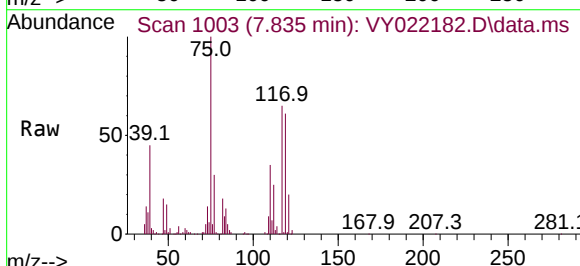
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

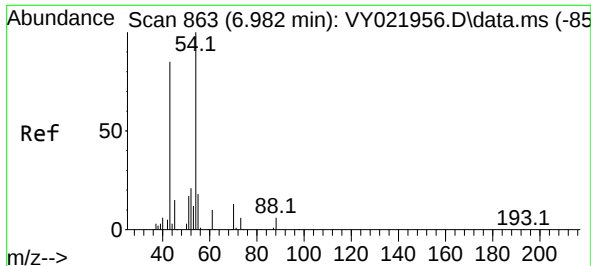
Tgt Ion:113 Resp: 112361
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 20.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 56.021 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 75 Resp: 154811
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.1 25.5 38.3





#37

Ethyl Acetate

Concen: 56.229 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

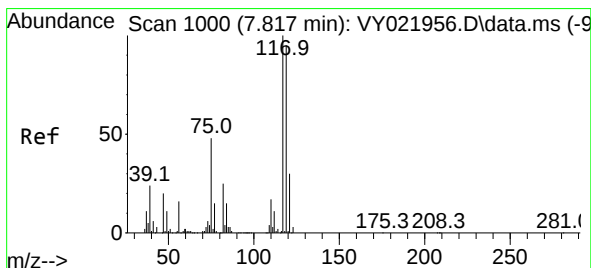
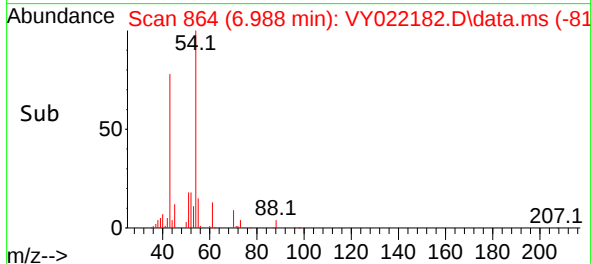
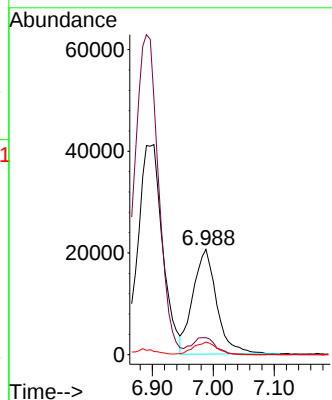
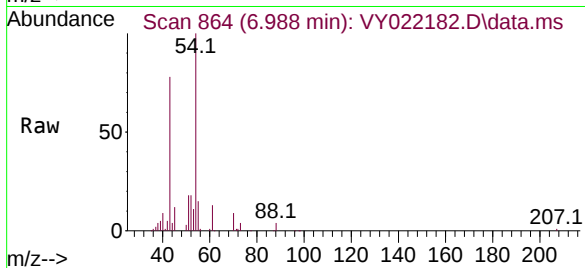
Tgt Ion: 43 Resp: 55807

Ion Ratio Lower Upper

43 100

61 16.6 13.8 20.6

70 12.1 9.2 13.8



#38

Carbon Tetrachloride

Concen: 55.130 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

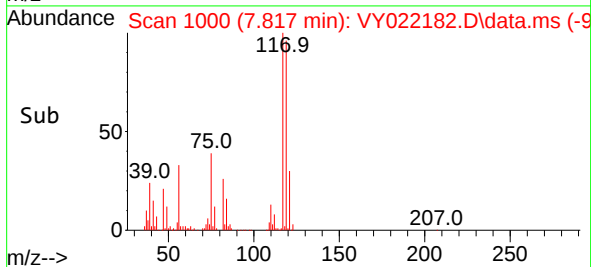
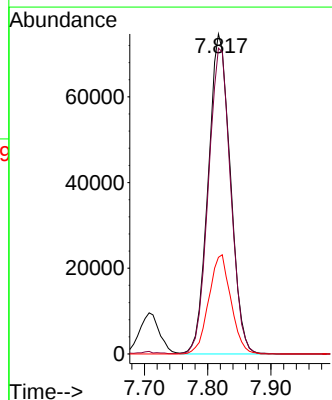
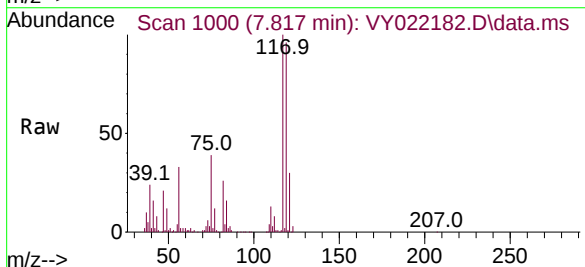
Tgt Ion: 117 Resp: 182047

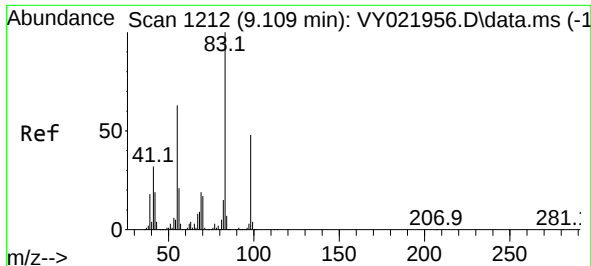
Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.4

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 53.948 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

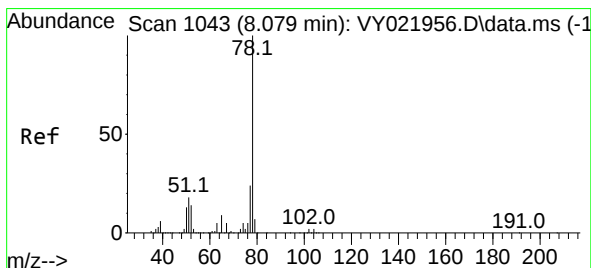
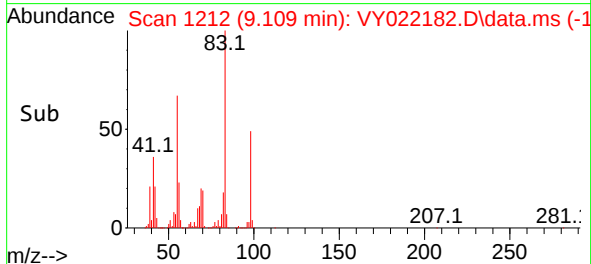
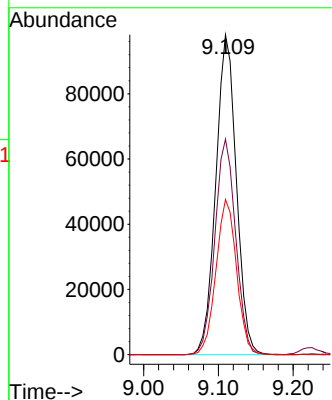
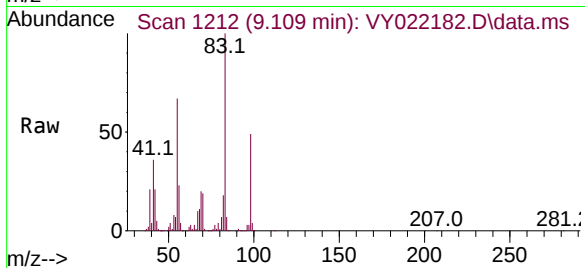
Tgt Ion: 83 Resp: 187610

Ion Ratio Lower Upper

83 100

55 67.3 50.6 75.8

98 48.5 38.6 58.0



#40

Benzene

Concen: 56.490 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022182.D

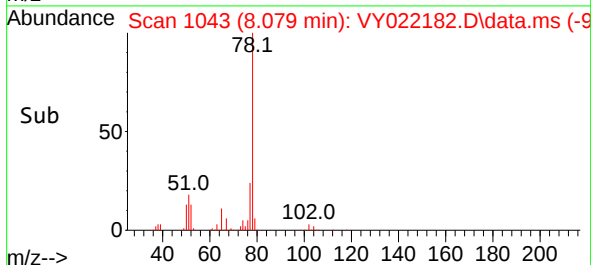
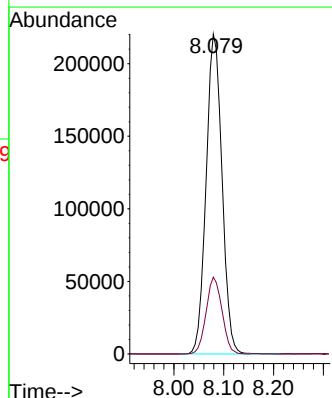
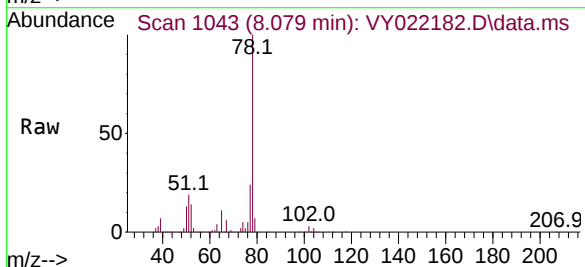
Acq: 07 May 2025 09:05

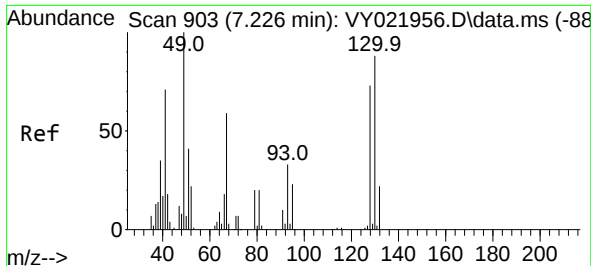
Tgt Ion: 78 Resp: 487982

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

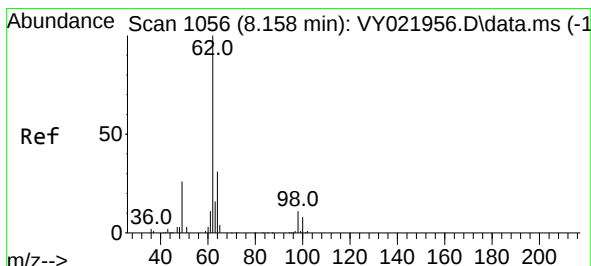
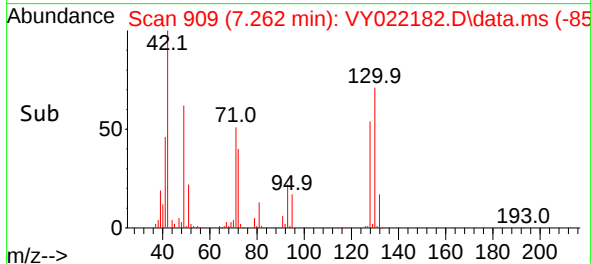
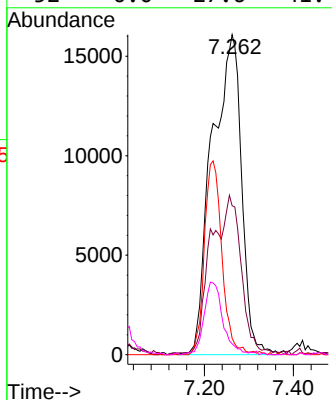
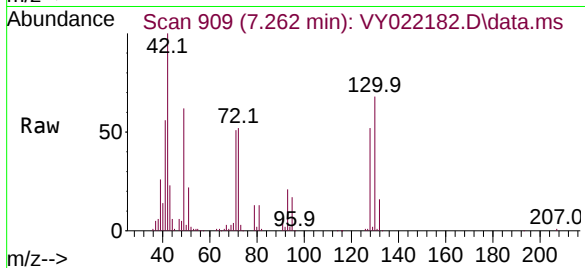




#41
Methacrylonitrile
Concen: 136.748 ug/l
RT: 7.262 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

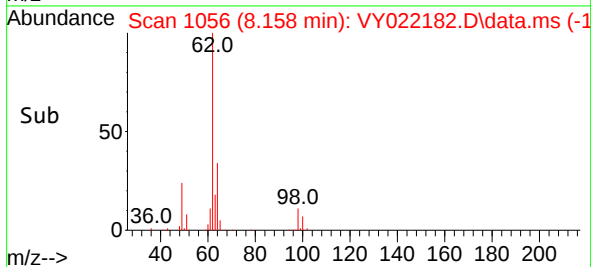
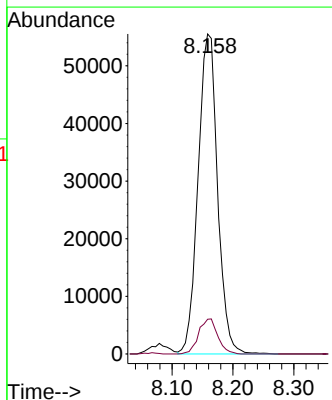
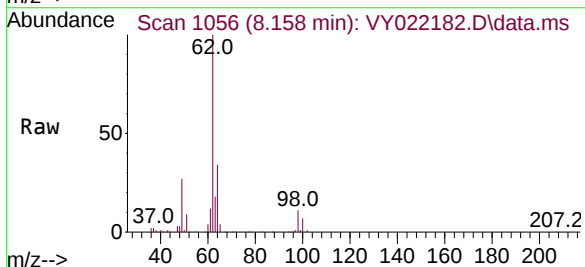
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

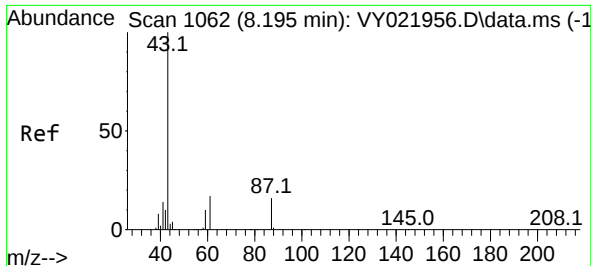
Tgt Ion: 41 Resp: 74193
Ion Ratio Lower Upper
41 100
39 28.5 36.6 55.0#
67 0.0 72.2 108.4#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 57.810 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 62 Resp: 123641
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0

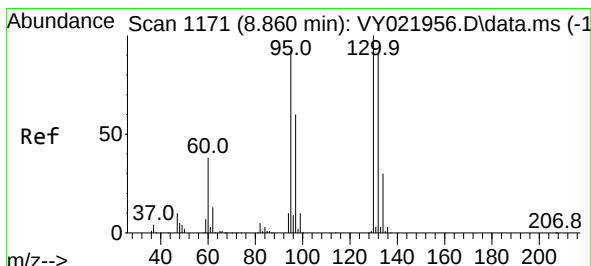
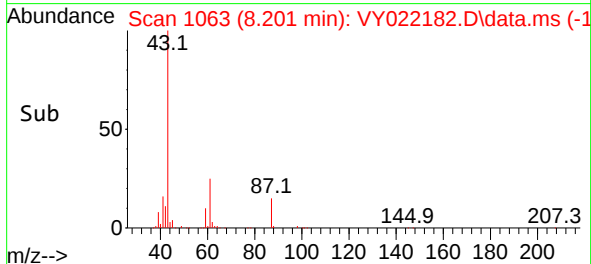
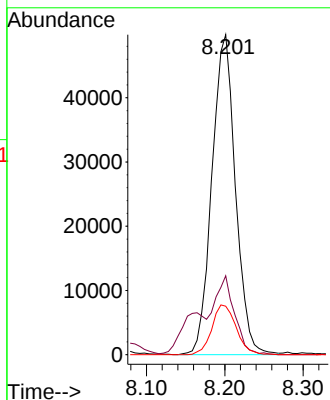
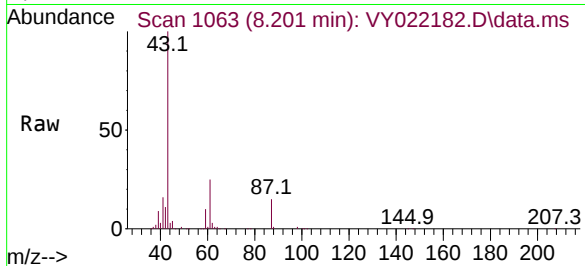




#43
Isopropyl Acetate
Concen: 54.646 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

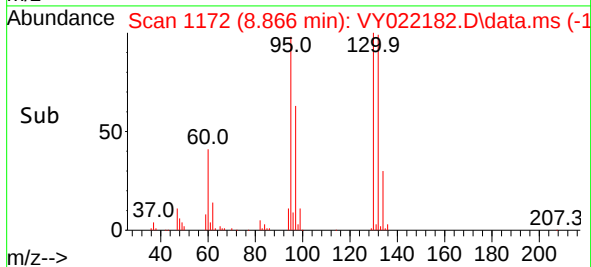
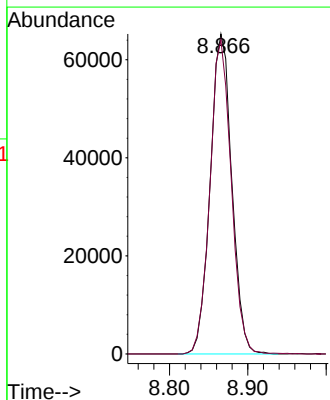
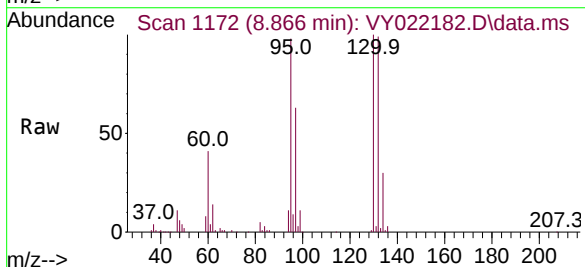
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

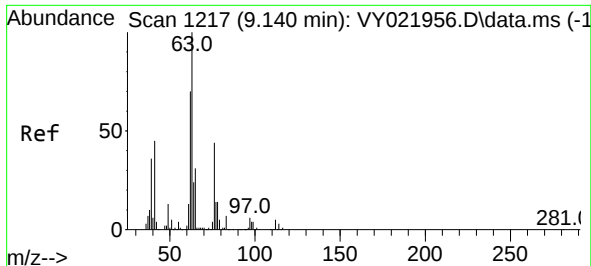
Tgt Ion: 43 Resp: 104156
Ion Ratio Lower Upper
43 100
61 21.3 18.9 28.3
87 16.1 13.7 20.5



#44
Trichloroethene
Concen: 52.240 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:130 Resp: 124996
Ion Ratio Lower Upper
130 100
95 98.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 58.208 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

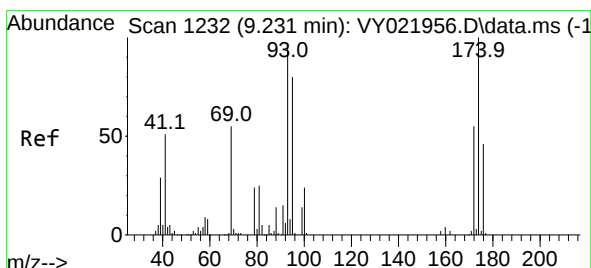
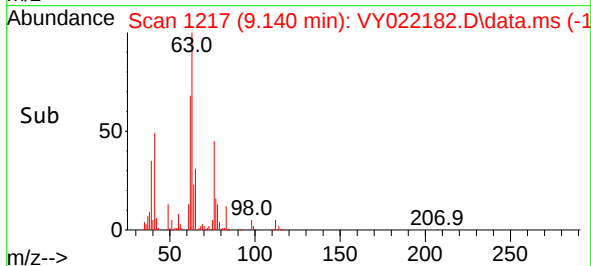
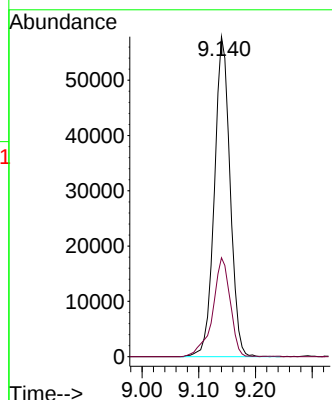
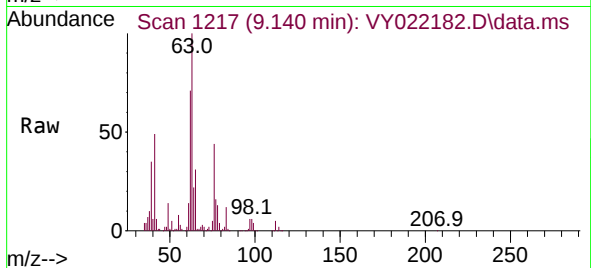
VSTDCCC050

Tgt Ion: 63 Resp: 111198

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



#46

Dibromomethane

Concen: 56.630 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

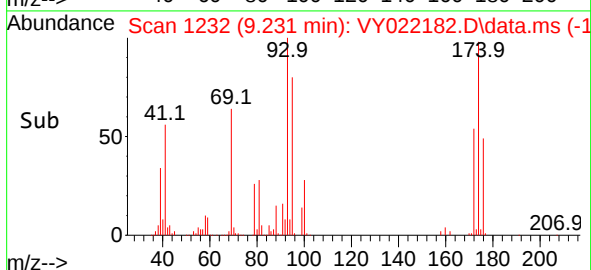
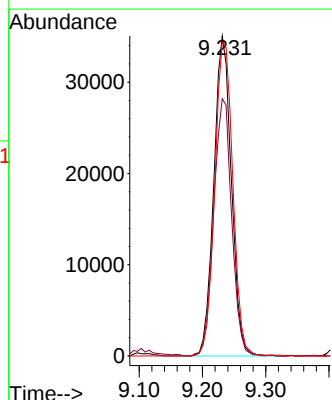
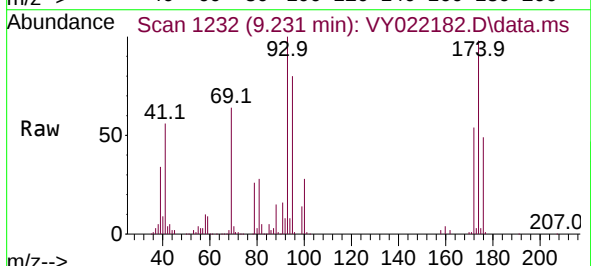
Tgt Ion: 93 Resp: 67722

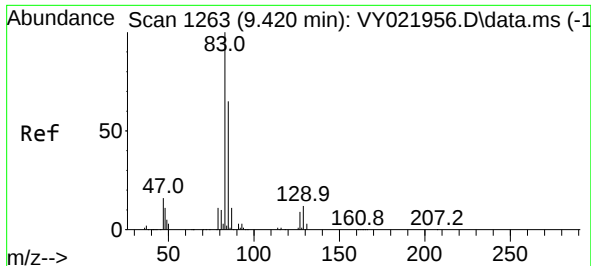
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 100.3 84.6 127.0





#47

Bromodichloromethane

Concen: 57.210 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

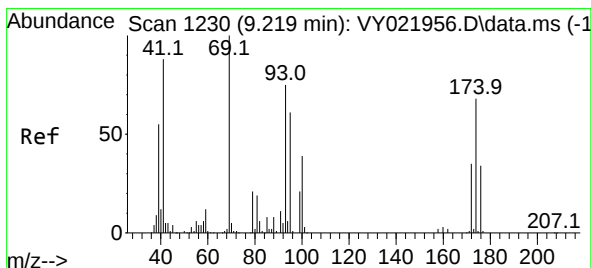
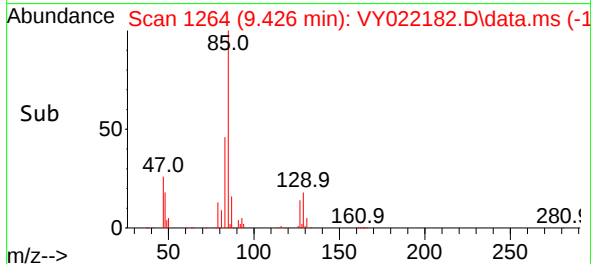
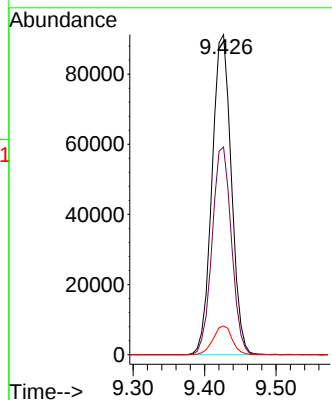
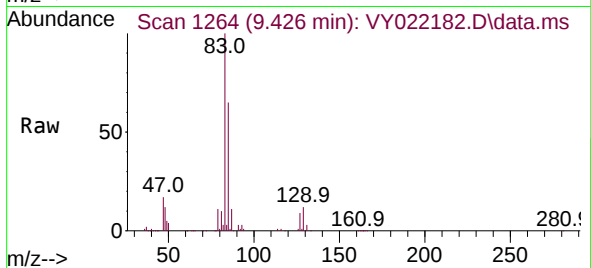
Tgt Ion: 83 Resp: 170911

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8

127 9.0 7.0 10.6



#48

Methyl methacrylate

Concen: 56.018 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

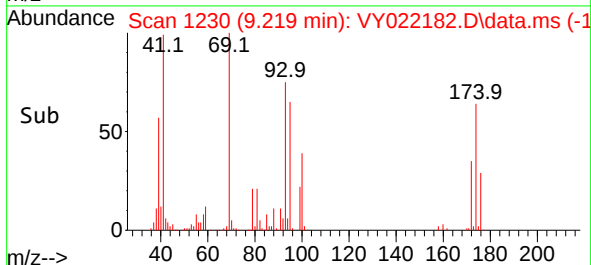
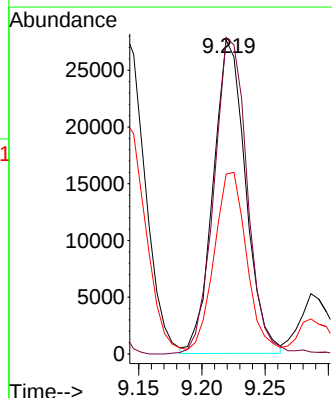
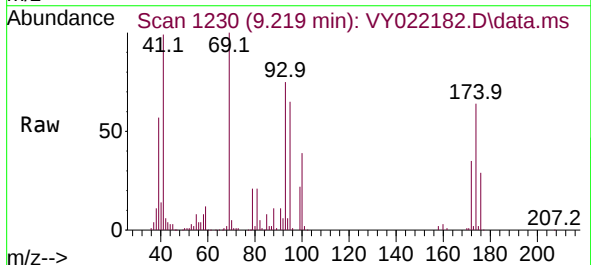
Tgt Ion: 41 Resp: 49358

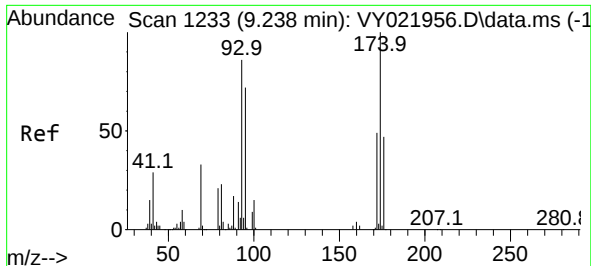
Ion Ratio Lower Upper

41 100

69 103.5 85.5 128.3

39 55.4 46.2 69.4





#49

1,4-Dioxane

Concen: 1028.803 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

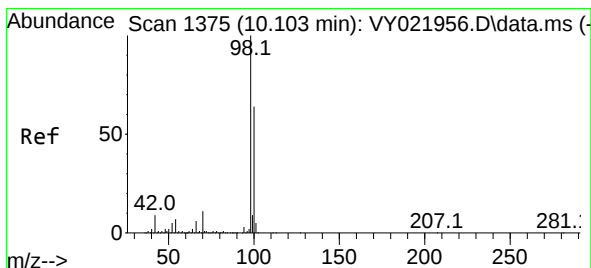
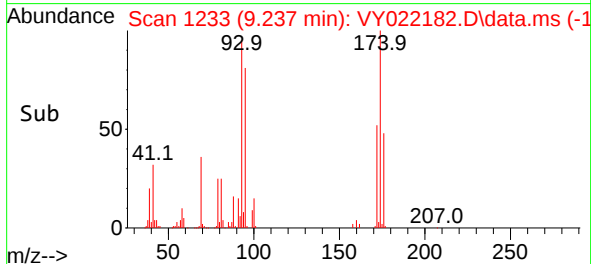
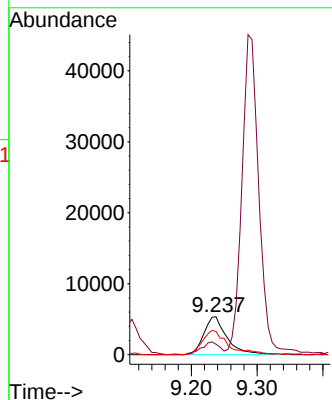
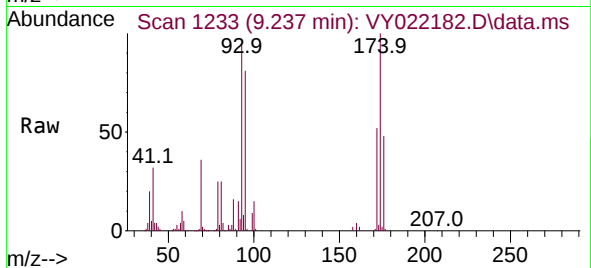
Tgt Ion: 88 Resp: 13113

Ion Ratio Lower Upper

88 100

43 26.3 21.3 31.9

58 71.0 50.5 75.7



#50

Toluene-d8

Concen: 57.568 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022182.D

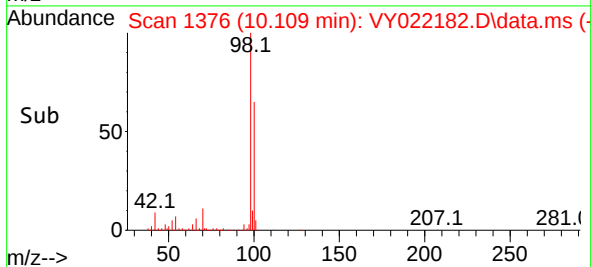
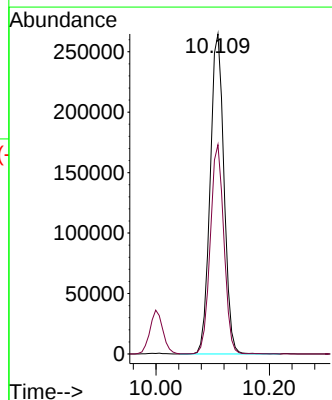
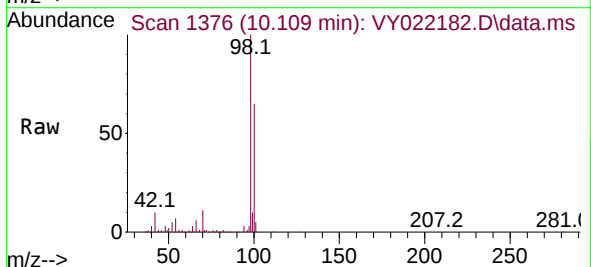
Acq: 07 May 2025 09:05

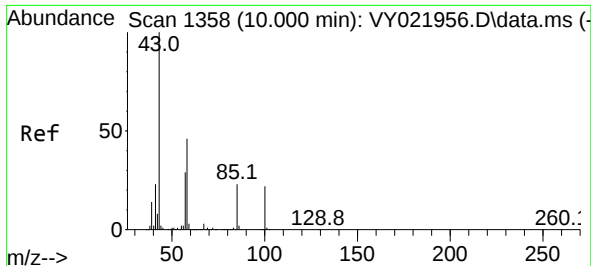
Tgt Ion: 98 Resp: 446486

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4

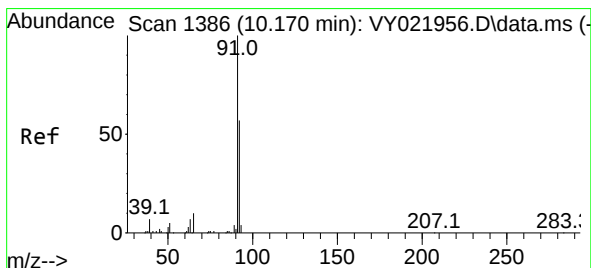
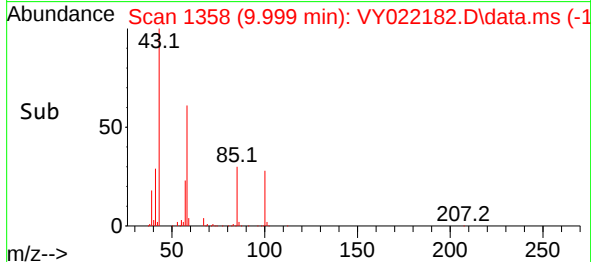
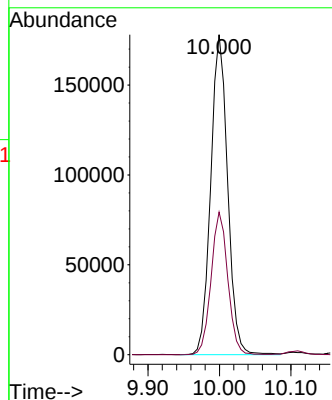
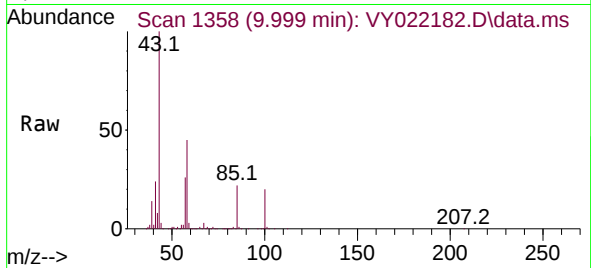




#51
4-Methyl-2-Pentanone
Concen: 292.437 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

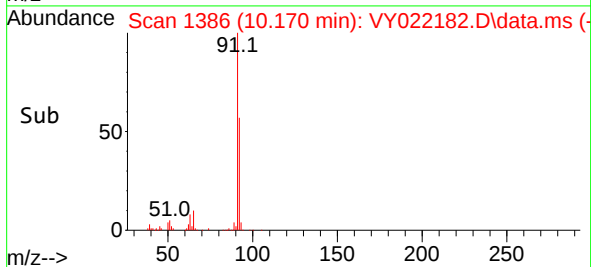
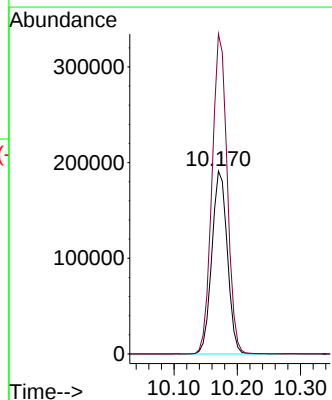
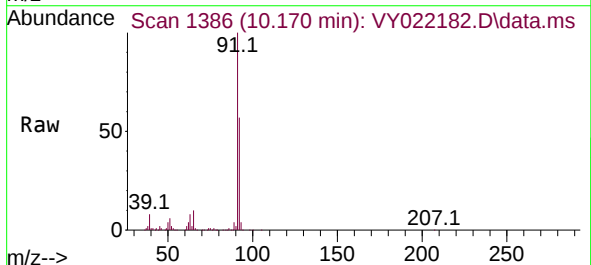
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

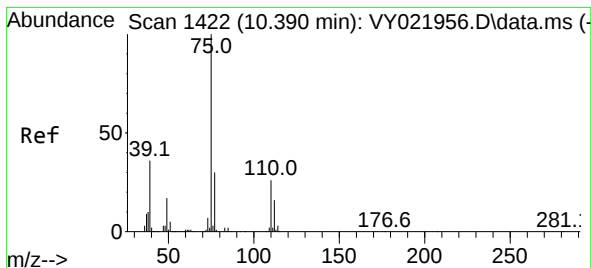
Tgt Ion: 43 Resp: 292188
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0



#52
Toluene
Concen: 58.211 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 92 Resp: 325502
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

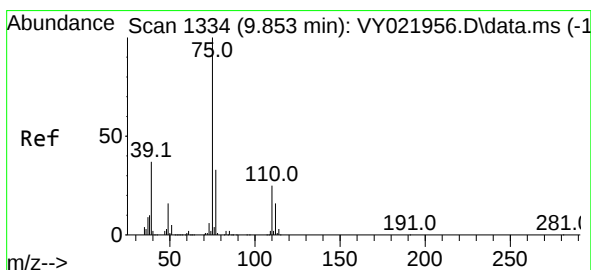
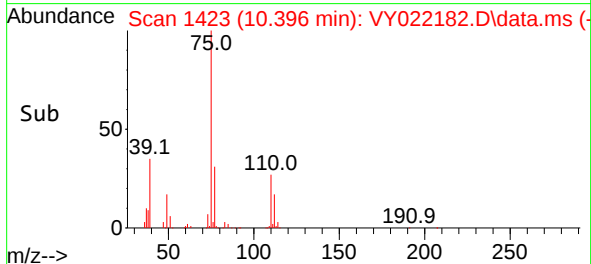
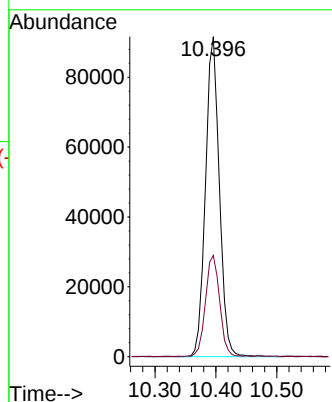
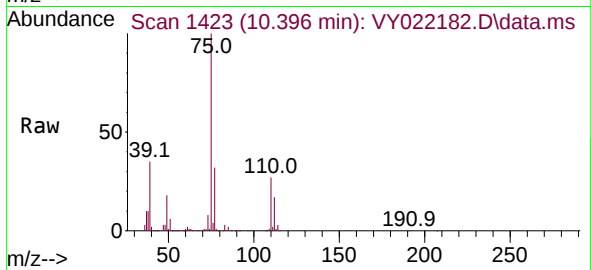




#53
 t-1,3-Dichloropropene
 Concen: 56.543 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

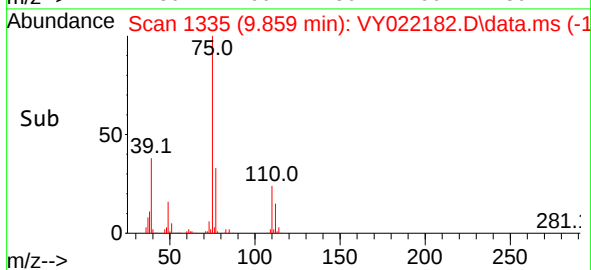
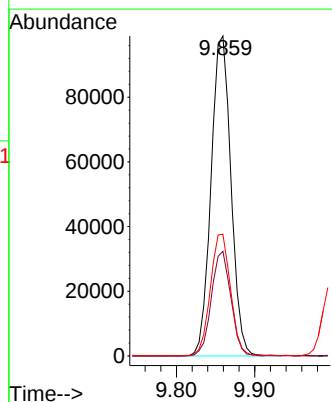
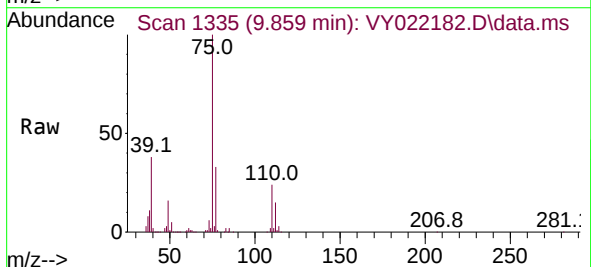
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

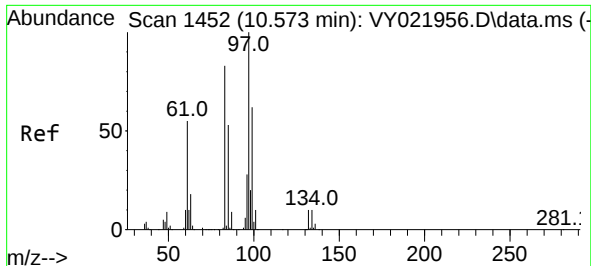
Tgt Ion: 75 Resp: 144889
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.397 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Tgt Ion: 75 Resp: 174833
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 40.0
 39 38.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 56.586 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90389

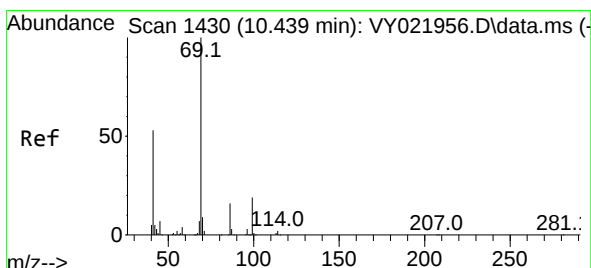
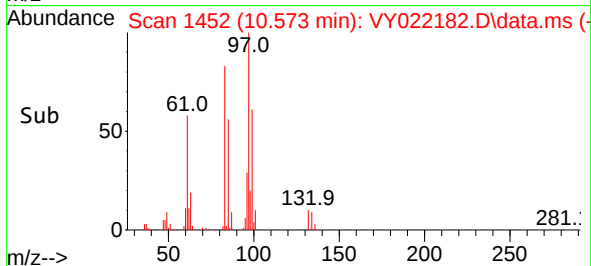
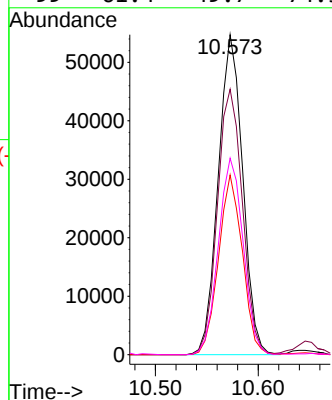
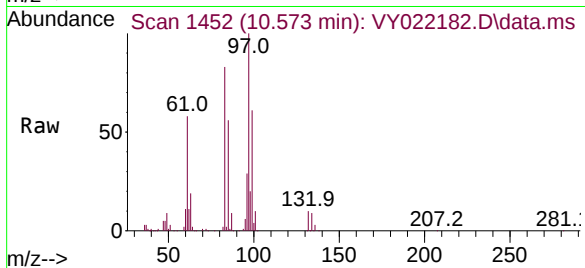
Ion Ratio Lower Upper

97 100

83 83.0 66.7 100.1

85 56.2 42.6 64.0

99 61.4 49.7 74.5



#56

Ethyl methacrylate

Concen: 56.840 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

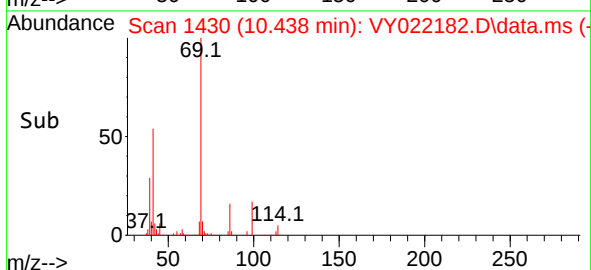
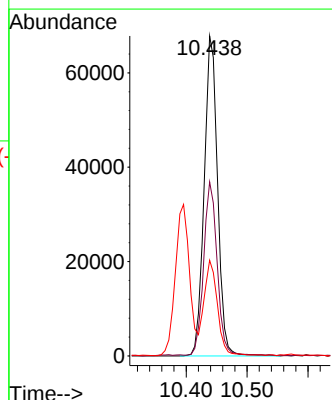
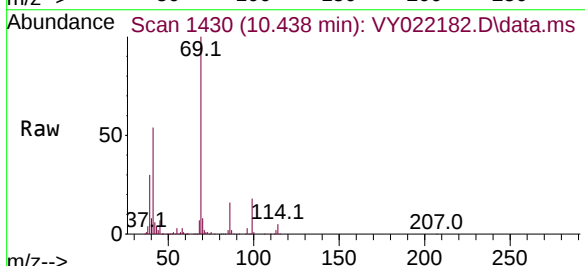
Tgt Ion: 69 Resp: 103830

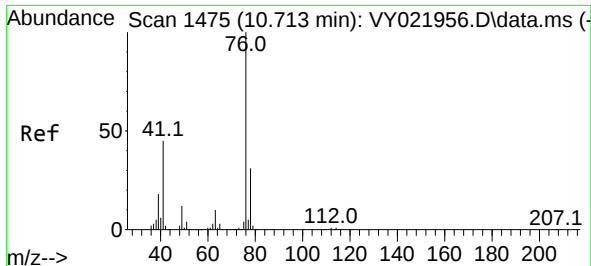
Ion Ratio Lower Upper

69 100

41 54.7 40.7 61.1

39 28.9 23.3 34.9





#57

1,3-Dichloropropane

Concen: 56.883 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

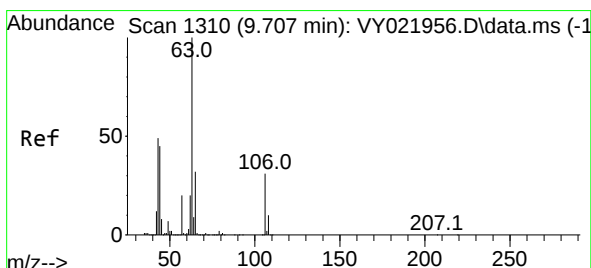
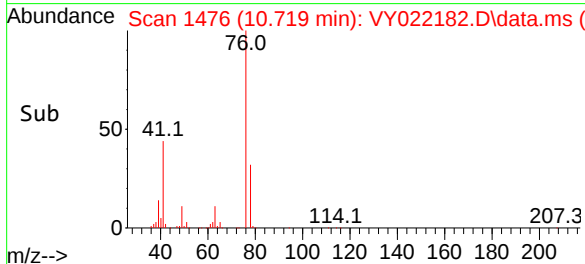
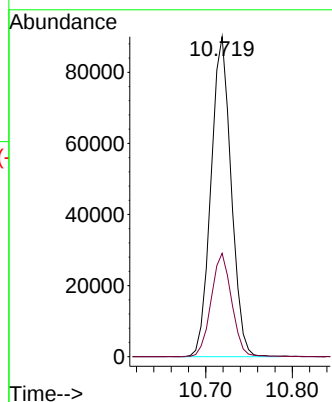
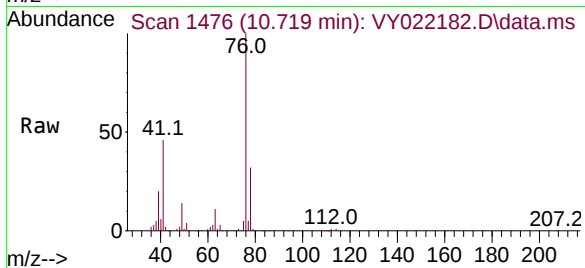
VSTDCCC050

Tgt Ion: 76 Resp: 145667

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 286.493 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022182.D

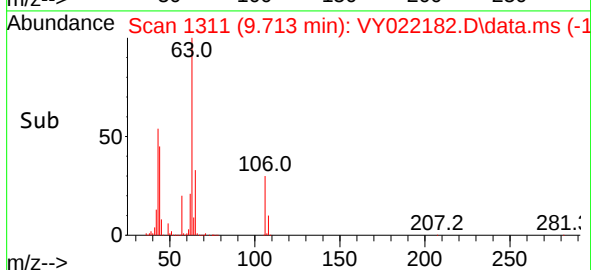
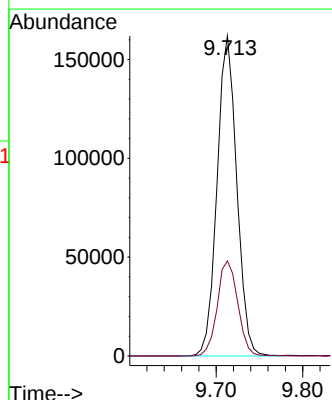
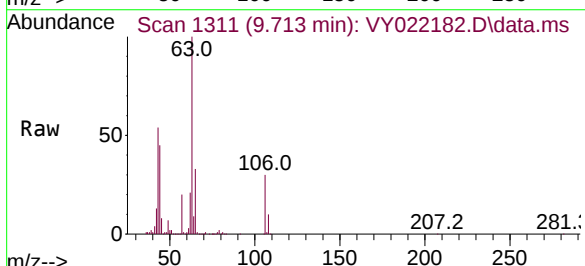
Acq: 07 May 2025 09:05

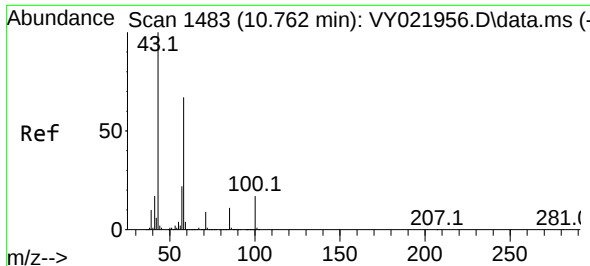
Tgt Ion: 63 Resp: 255878

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

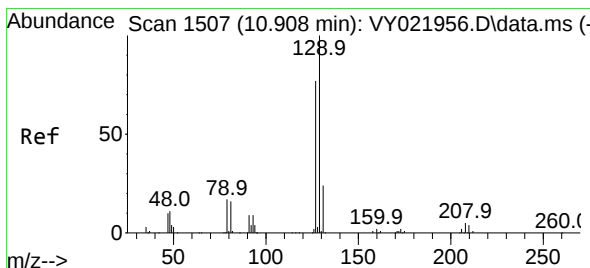
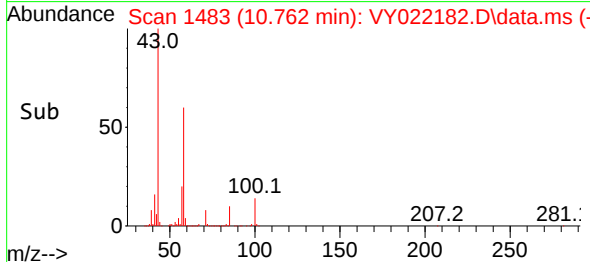
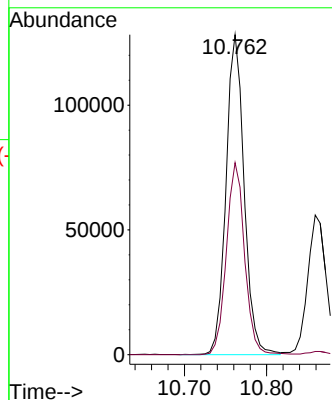
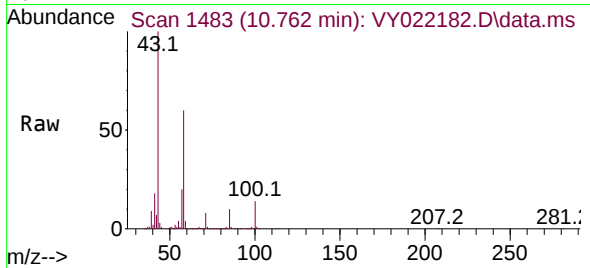




#59
2-Hexanone
Concen: 298.774 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

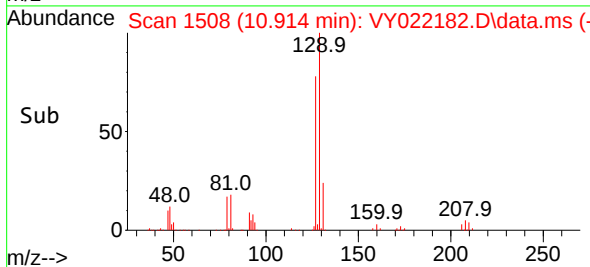
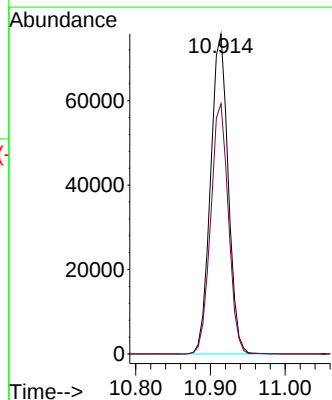
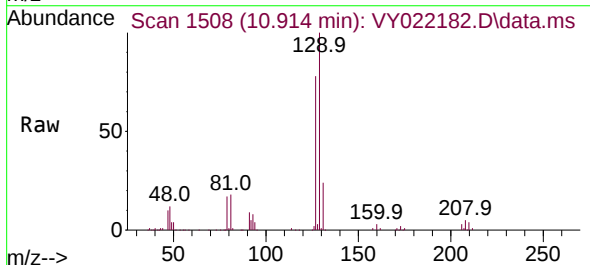
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

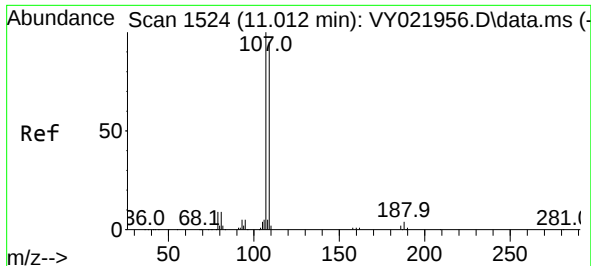
Tgt Ion: 43 Resp: 196899
Ion Ratio Lower Upper
43 100
58 60.3 32.0 96.0



#60
Dibromochloromethane
Concen: 56.126 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:129 Resp: 124126
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3

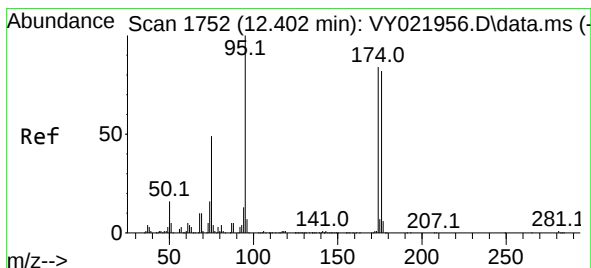
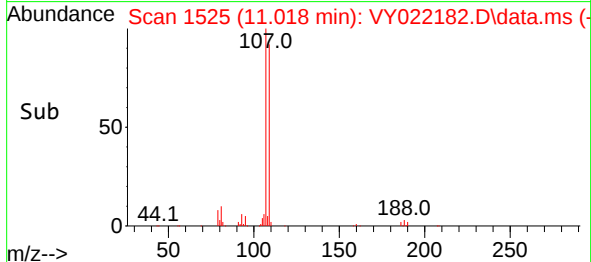
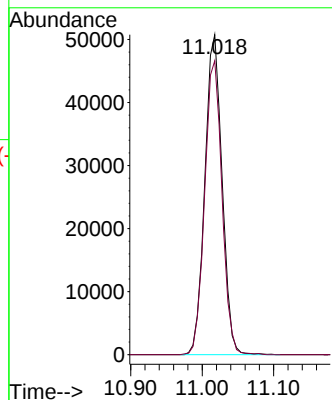
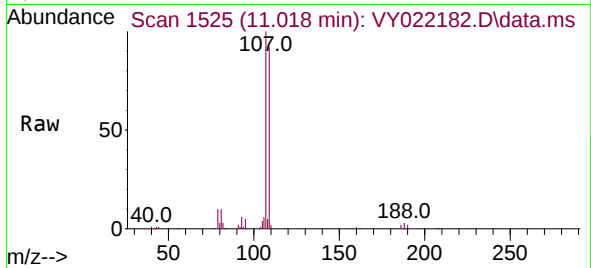




#61
1,2-Dibromoethane
Concen: 56.290 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

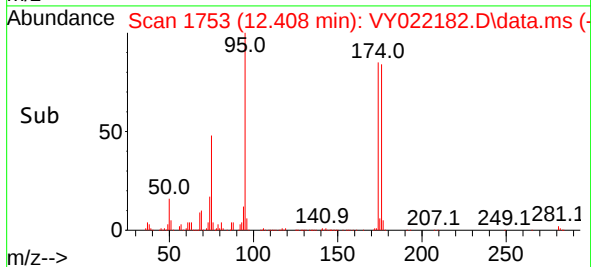
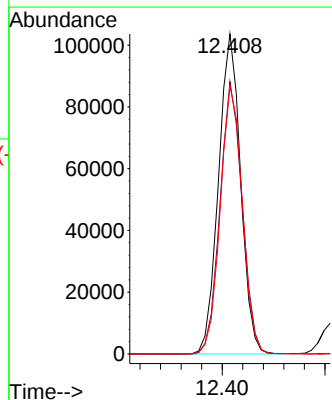
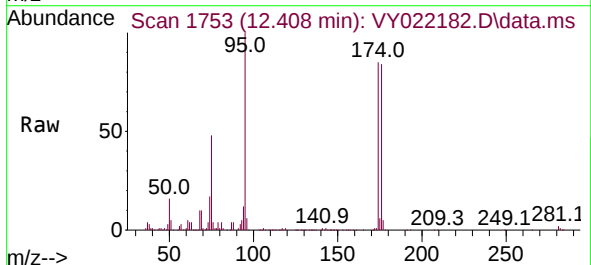
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

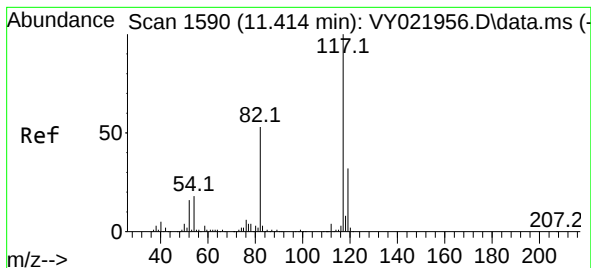
Tgt Ion:107 Resp: 84888
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 59.135 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 95 Resp: 154397
Ion Ratio Lower Upper
95 100
174 85.1 0.0 179.0
176 83.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

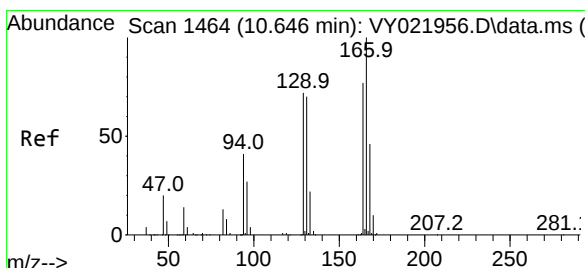
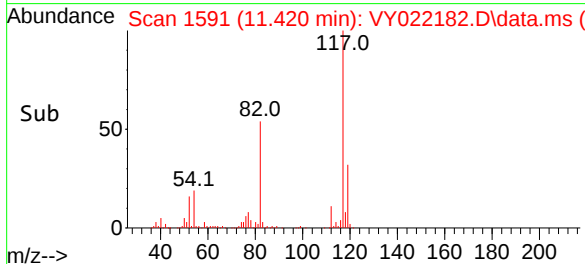
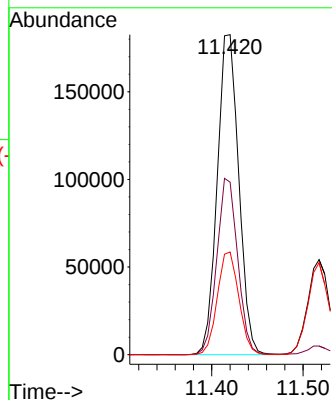
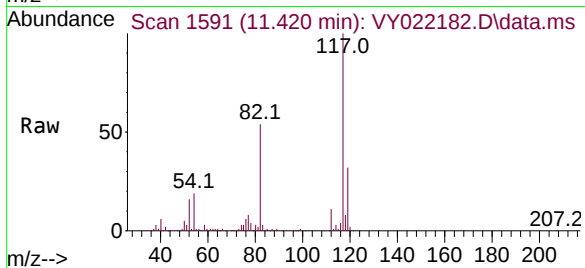
Tgt Ion:117 Resp: 299997

Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 52.784 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion:164 Resp: 149382

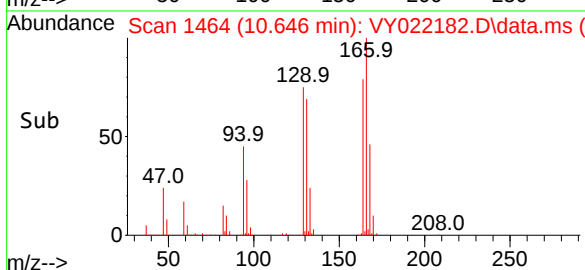
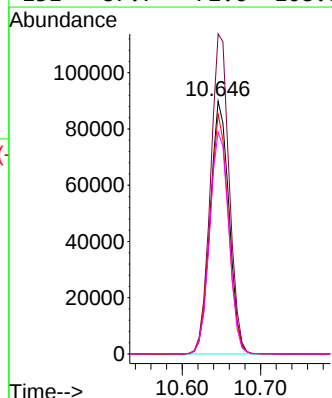
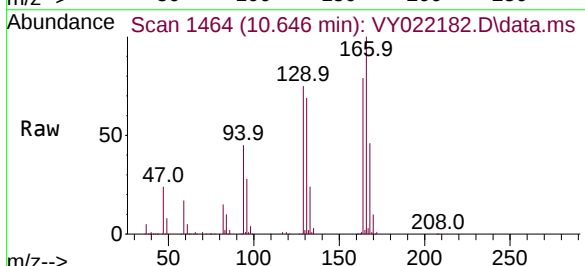
Ion Ratio Lower Upper

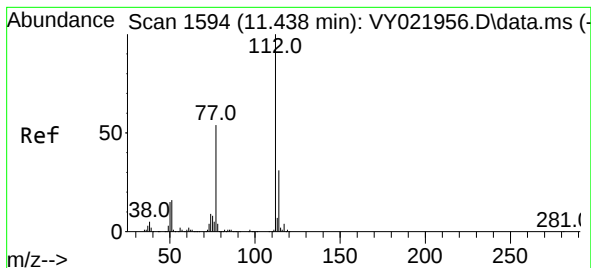
164 100

166 126.5 103.6 155.4

129 94.8 74.2 111.4

131 87.7 72.6 108.8





#65

Chlorobenzene

Concen: 53.991 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

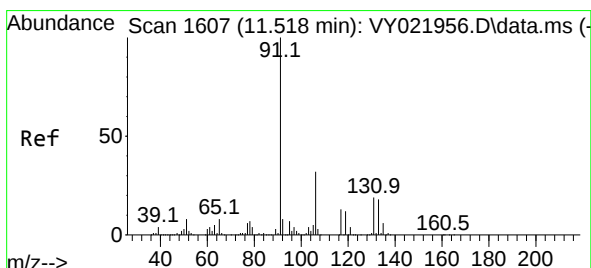
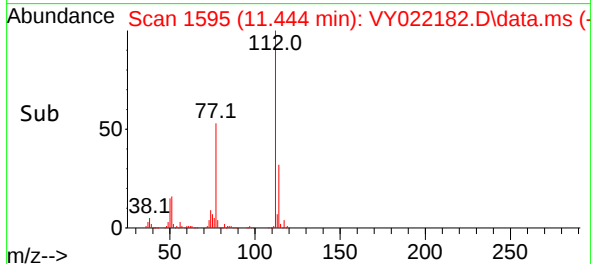
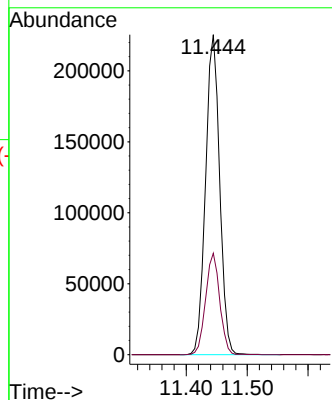
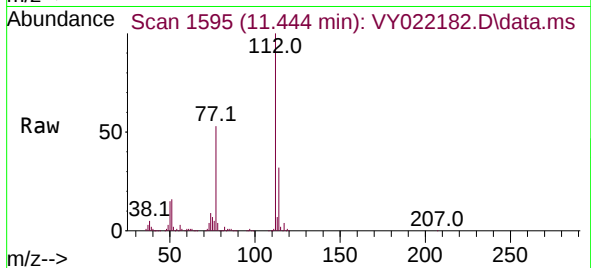
VSTDCCC050

Tgt Ion:112 Resp: 362212

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 54.594 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

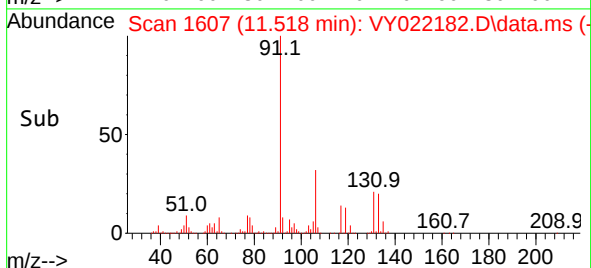
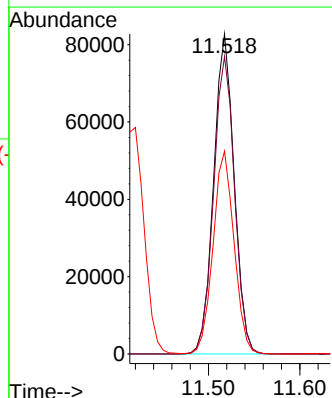
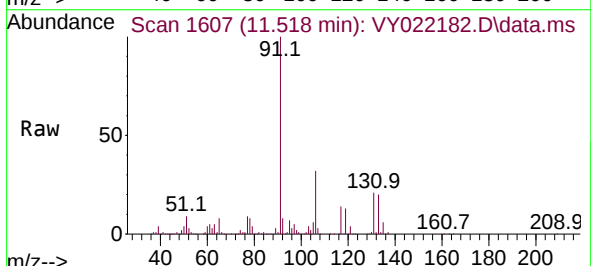
Tgt Ion:131 Resp: 128943

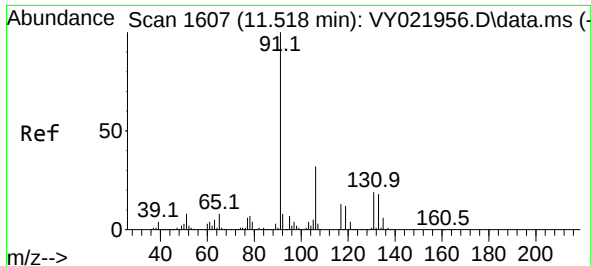
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 64.9 32.4 97.0

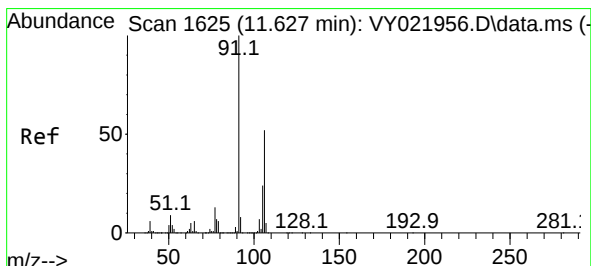
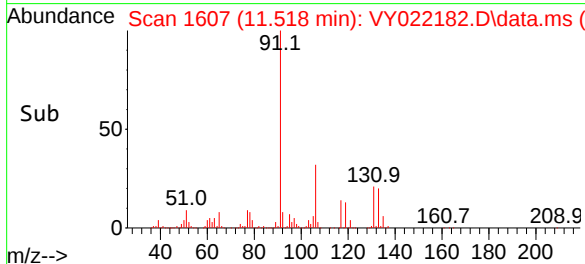
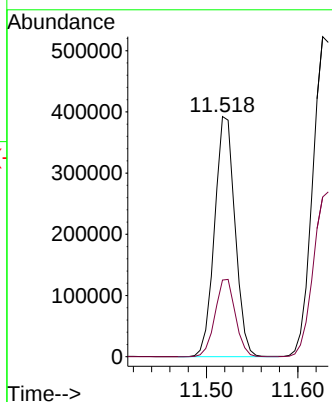
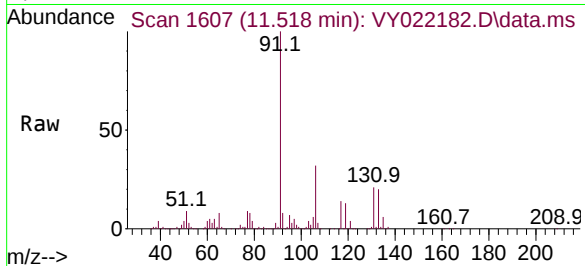




#67
Ethyl Benzene
Concen: 55.574 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

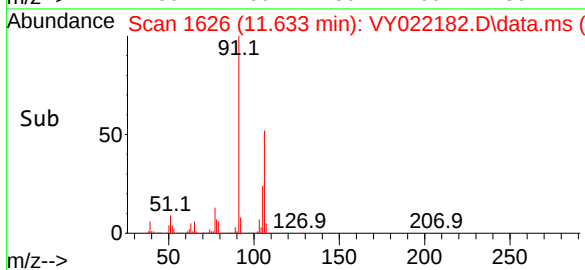
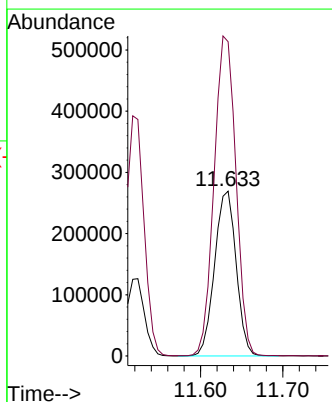
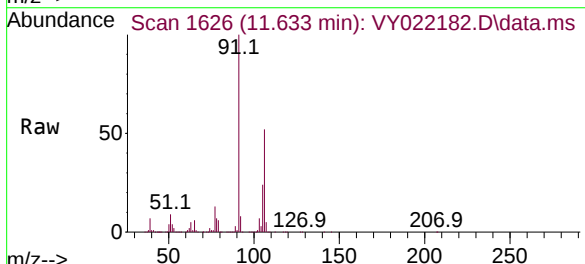
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

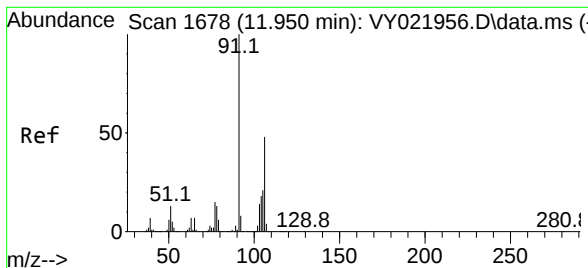
Tgt Ion: 91 Resp: 609889
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 112.250 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 106 Resp: 490191
Ion Ratio Lower Upper
106 100
91 197.1 156.2 234.2

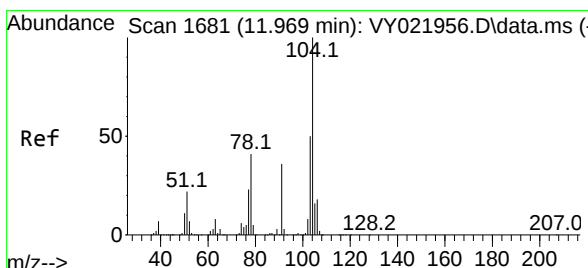
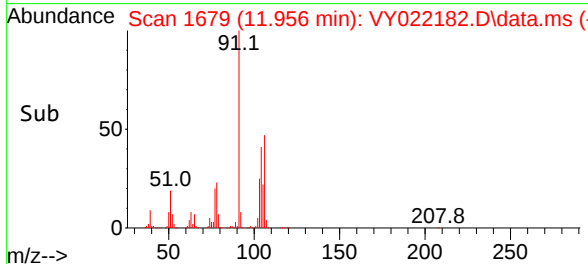
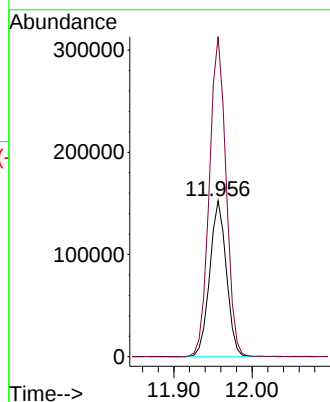
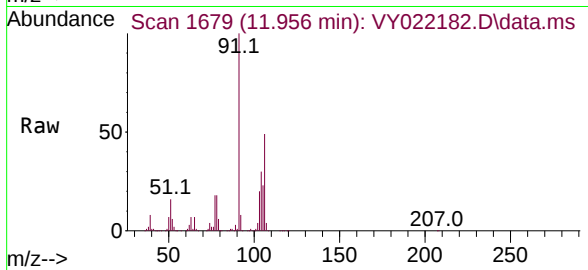




#69
o-Xylene
Concen: 55.932 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

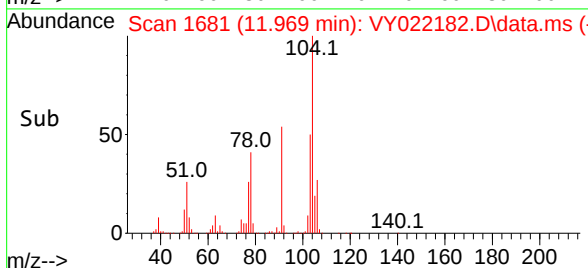
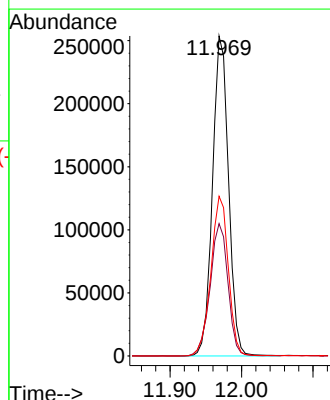
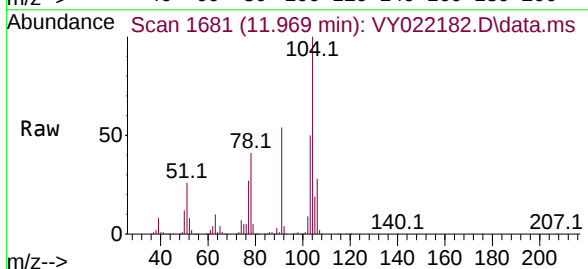
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

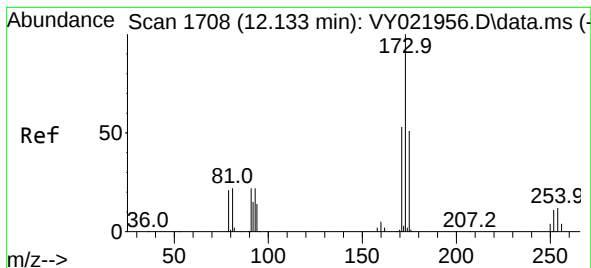
Tgt Ion:106 Resp: 225123
Ion Ratio Lower Upper
106 100
91 206.0 103.0 308.9



#70
Styrene
Concen: 58.497 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:104 Resp: 395321
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 54.3 43.8 65.8





#71

Bromoform

Concen: 53.573 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

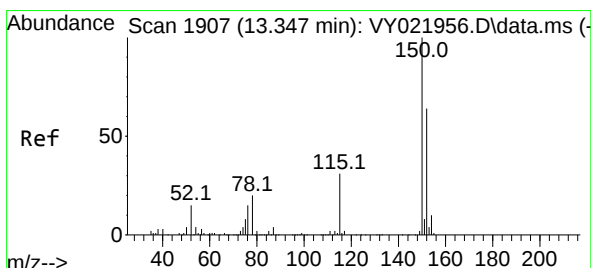
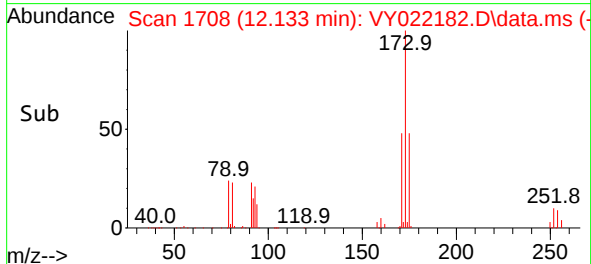
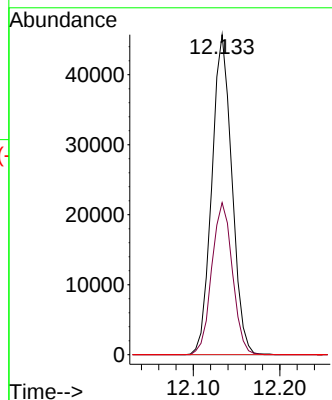
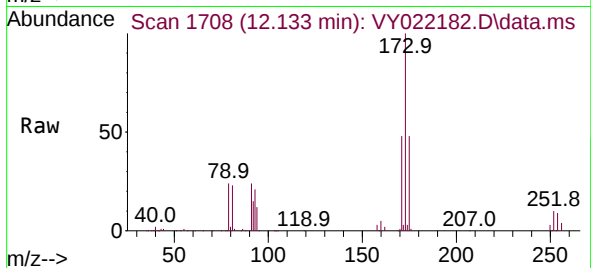
Tgt Ion:173 Resp: 73564

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

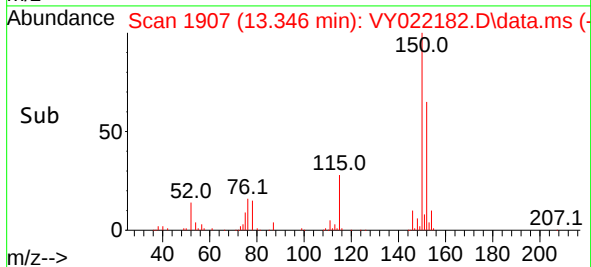
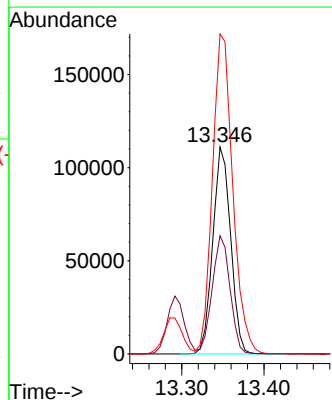
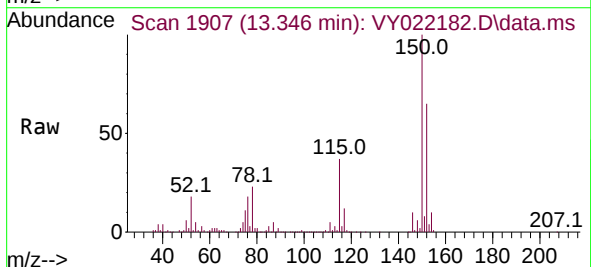
Tgt Ion:152 Resp: 167851

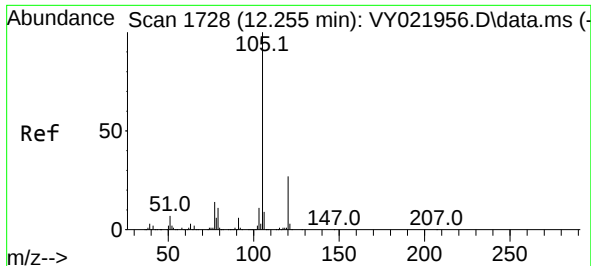
Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 175.4 0.0 345.6

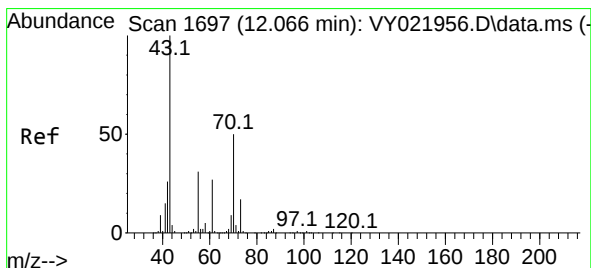
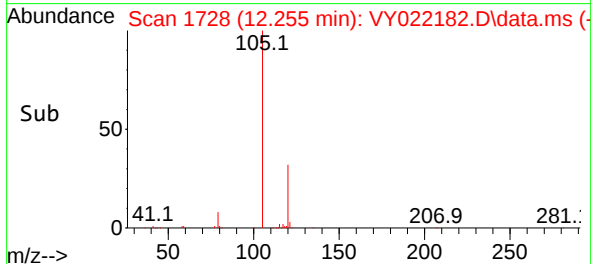
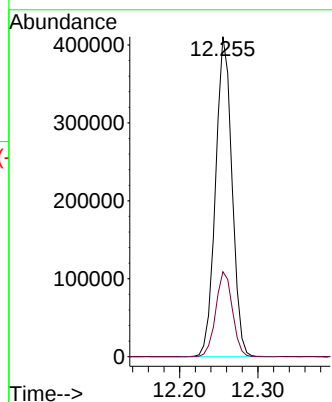
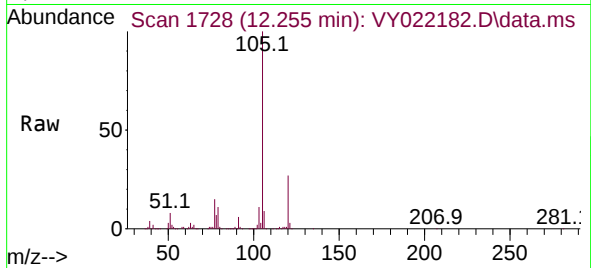




#73
Isopropylbenzene
Concen: 53.425 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

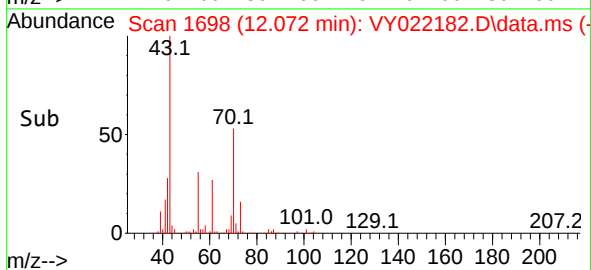
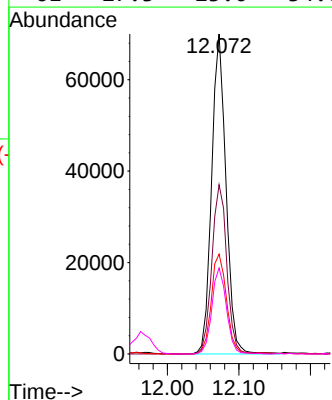
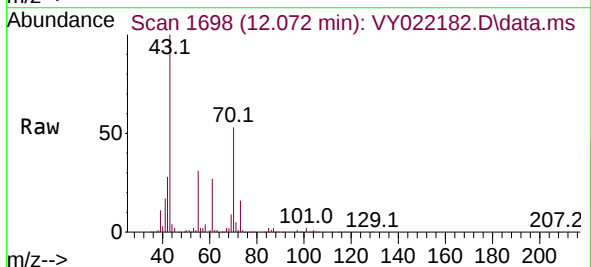
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

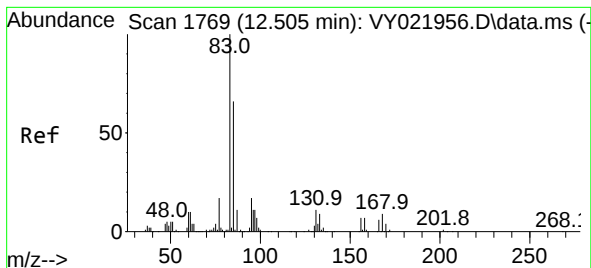
Tgt Ion:105 Resp: 599120
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 50.619 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 43 Resp: 97529
Ion Ratio Lower Upper
43 100
70 55.4 43.2 64.8
55 33.2 25.7 38.5
61 27.3 23.0 34.6

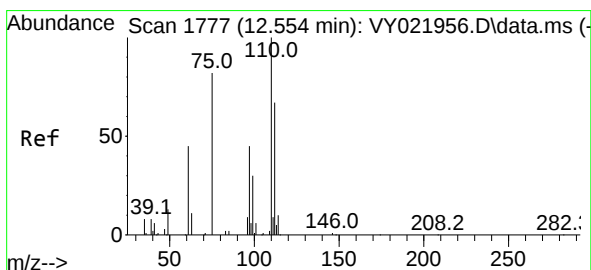
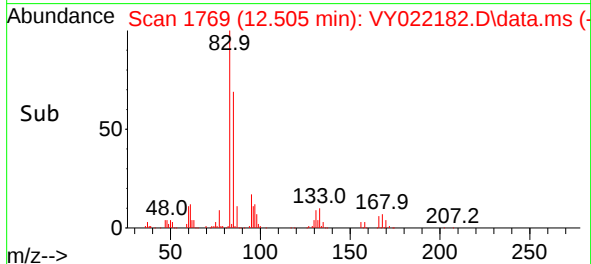
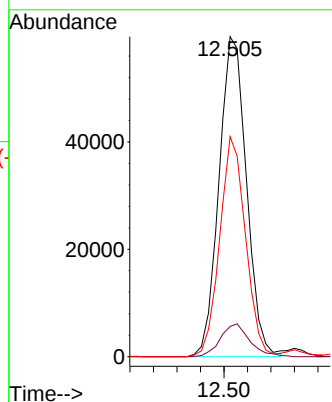
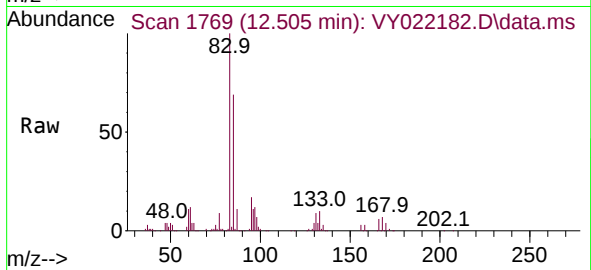




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.214 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

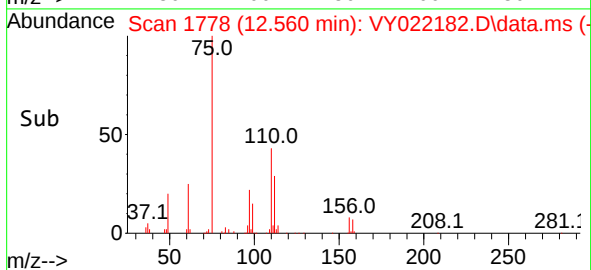
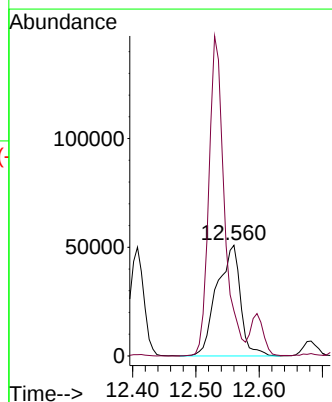
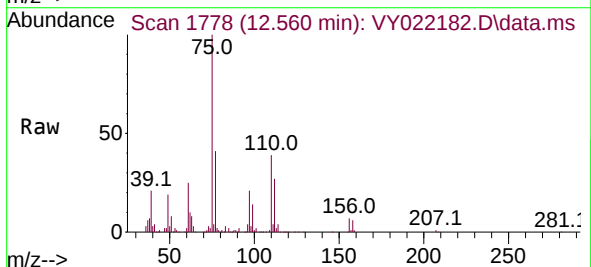
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

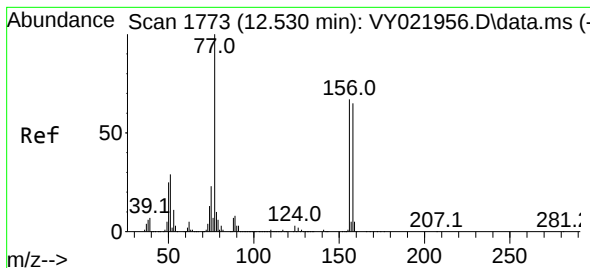
Tgt Ion: 83 Resp: 96830
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.4
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 91.807 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Tgt Ion: 75 Resp: 131993
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.760 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

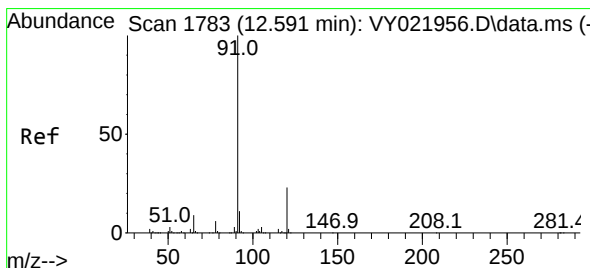
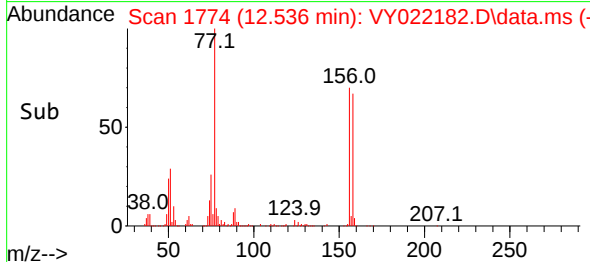
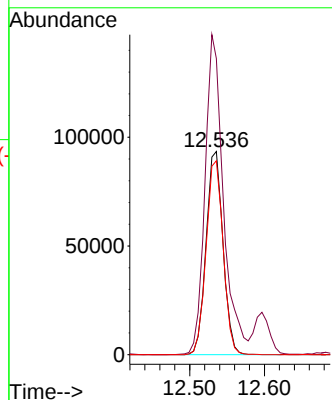
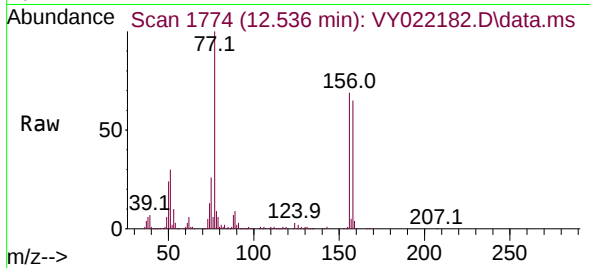
Tgt Ion:156 Resp: 146672

Ion Ratio Lower Upper

156 100

77 172.0 82.7 248.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 55.376 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022182.D

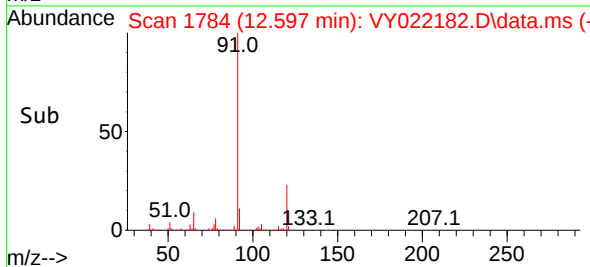
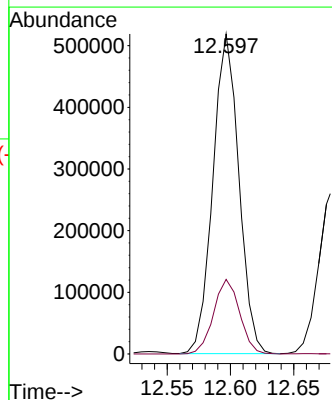
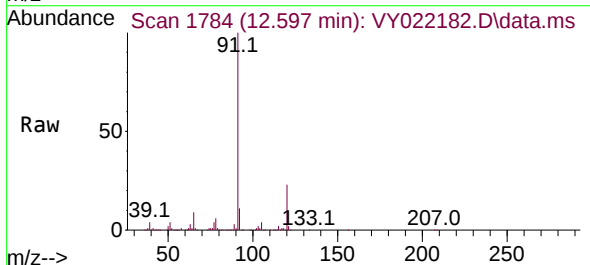
Acq: 07 May 2025 09:05

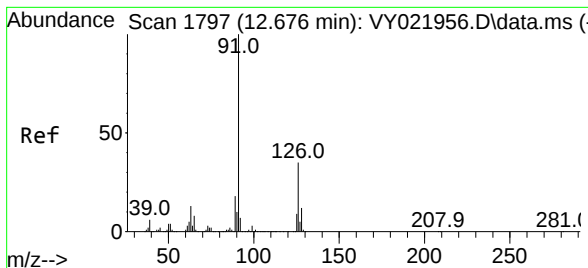
Tgt Ion: 91 Resp: 739542

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

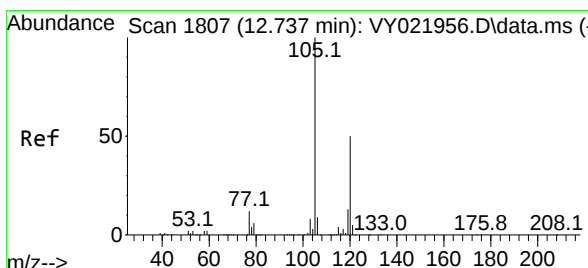
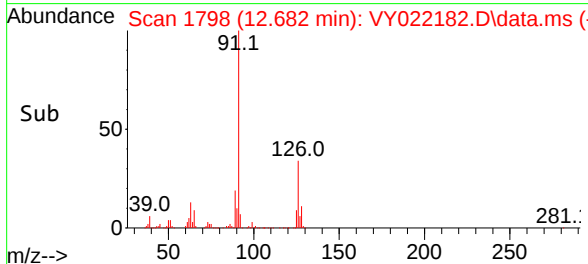
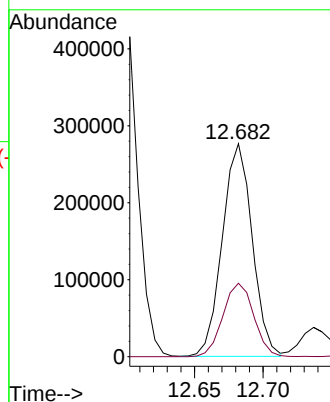
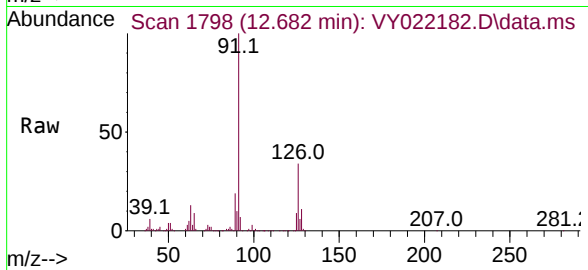




#79
2-Chlorotoluene
Concen: 54.048 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

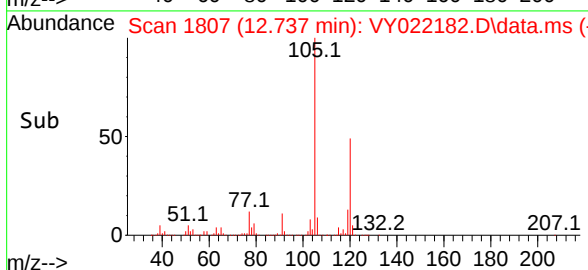
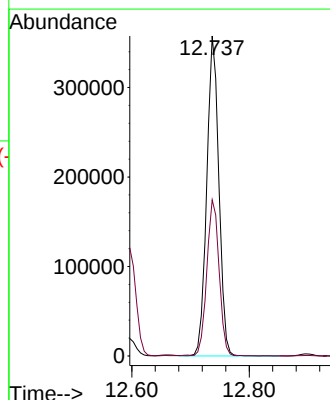
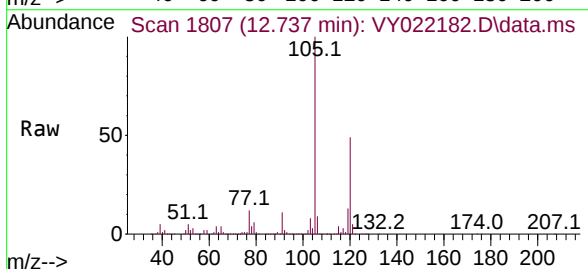
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

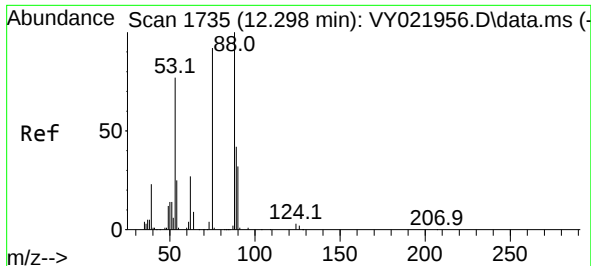
Tgt Ion: 91 Resp: 419774
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 55.316 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 105 Resp: 511111
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0

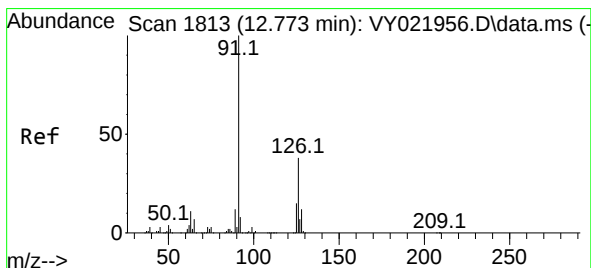
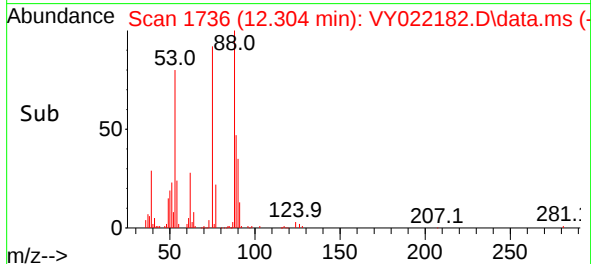
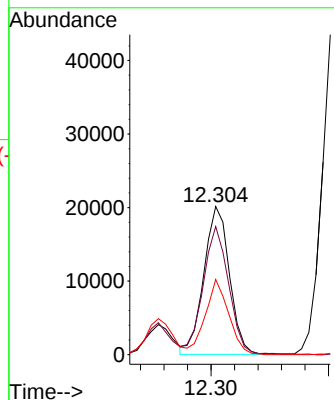
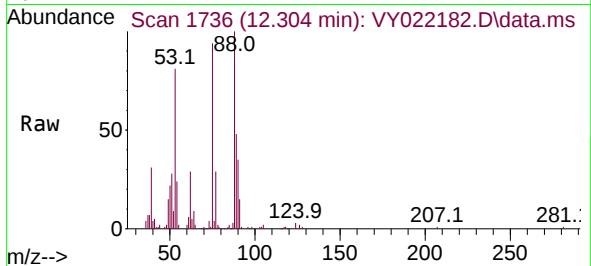




#81
trans-1,4-Dichloro-2-butene
Concen: 50.899 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

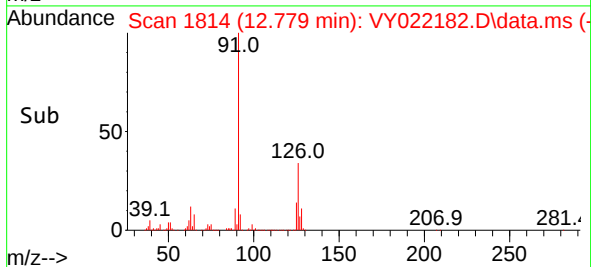
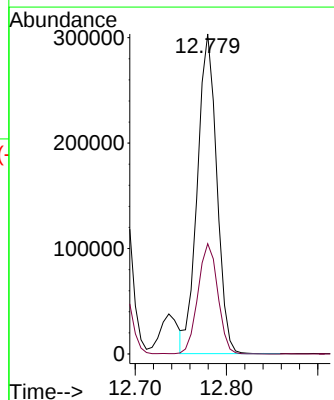
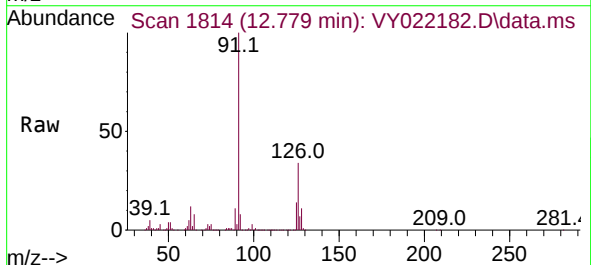
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

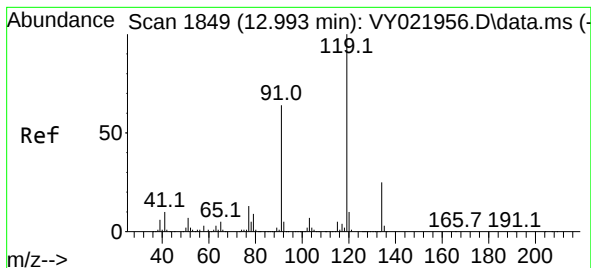
Tgt Ion: 75 Resp: 30388
Ion Ratio Lower Upper
75 100
53 87.8 66.0 99.0
89 46.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 55.259 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 91 Resp: 446140
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.235 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

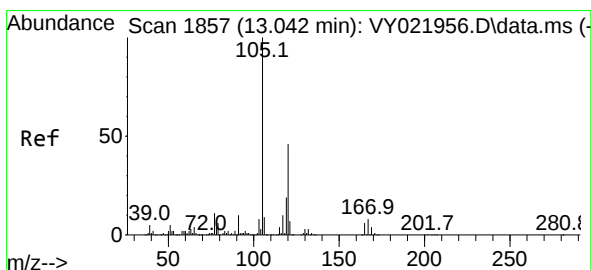
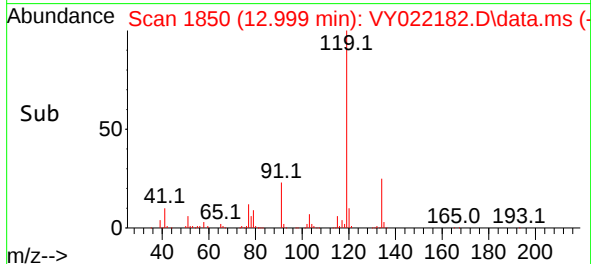
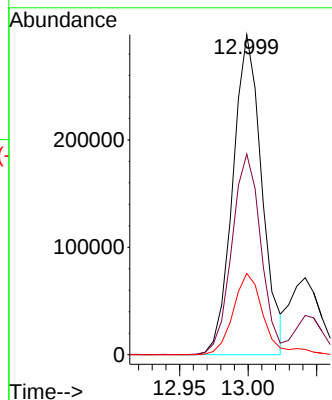
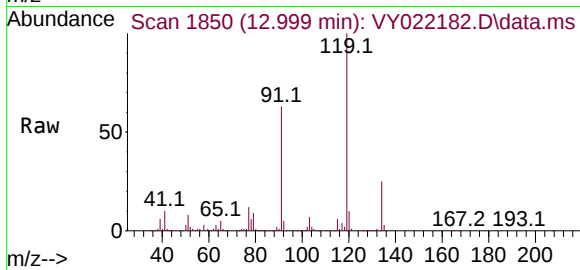
Tgt Ion:119 Resp: 441149

Ion Ratio Lower Upper

119 100

91 62.4 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 55.096 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022182.D

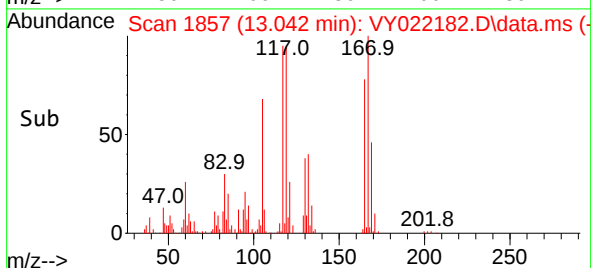
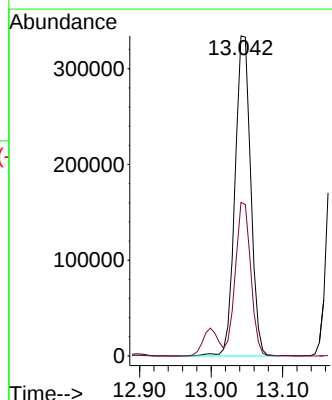
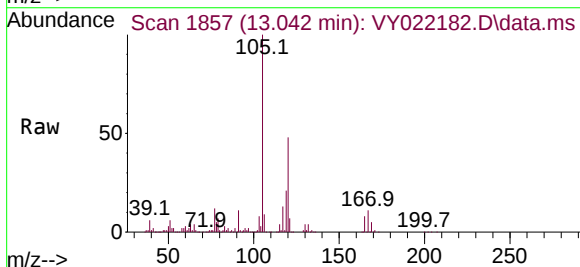
Acq: 07 May 2025 09:05

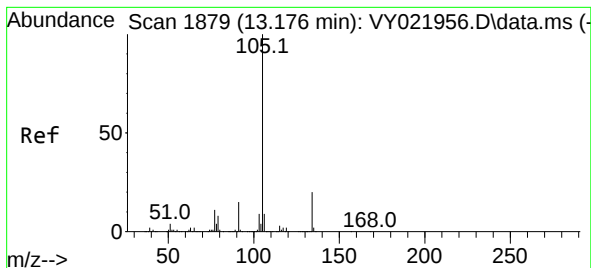
Tgt Ion:105 Resp: 509199

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.539 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

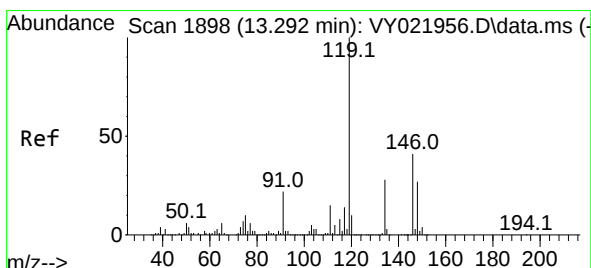
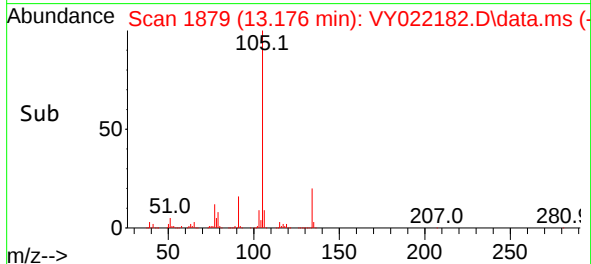
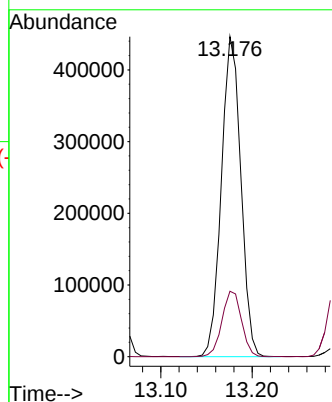
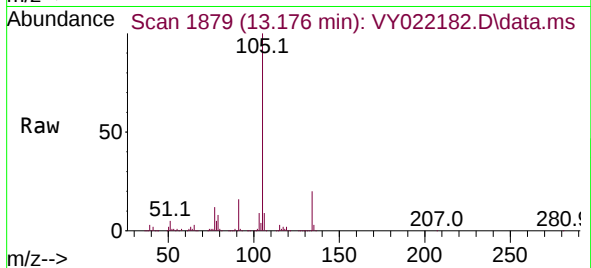
VSTDCCC050

Tgt Ion:105 Resp: 661345

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.982 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

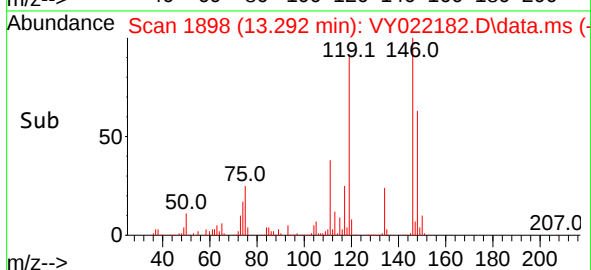
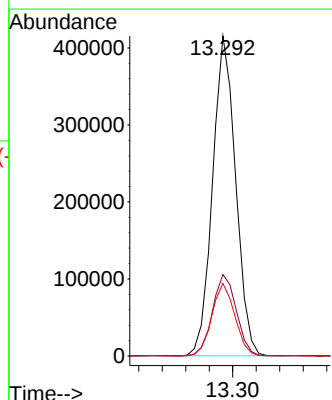
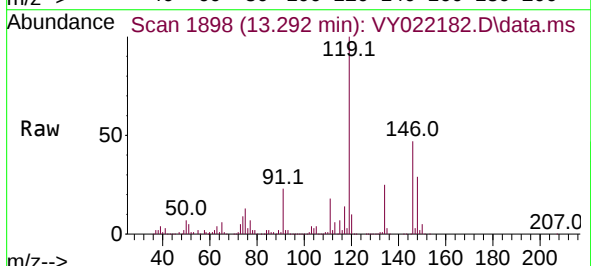
Tgt Ion:119 Resp: 566145

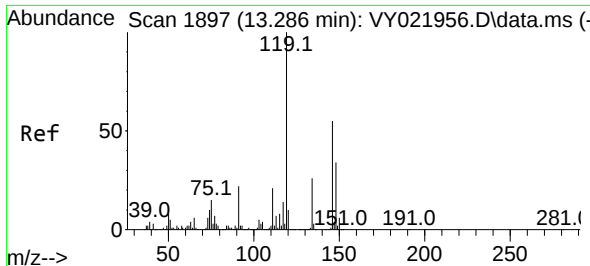
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.7

91 22.6 11.0 33.0

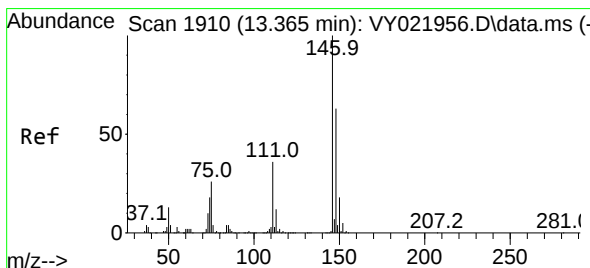
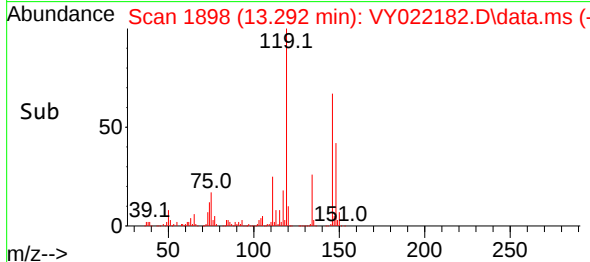
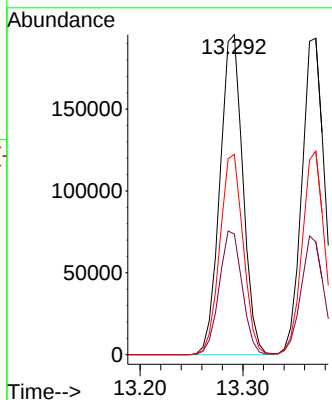
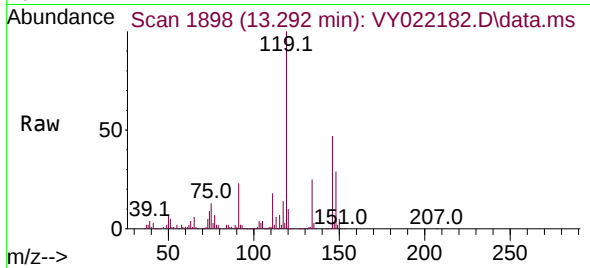




#87
 1,3-Dichlorobenzene
 Concen: 52.729 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

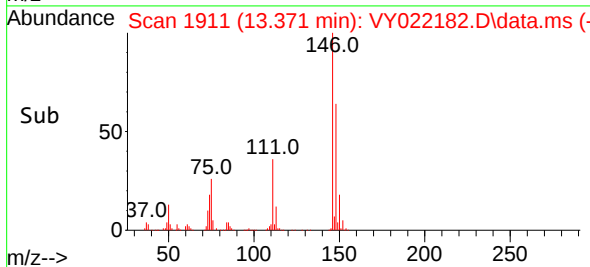
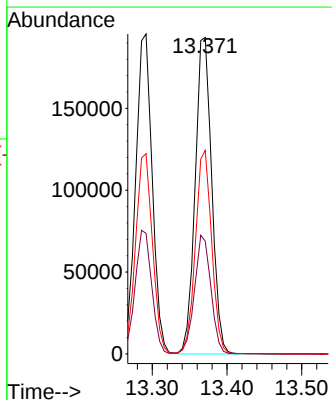
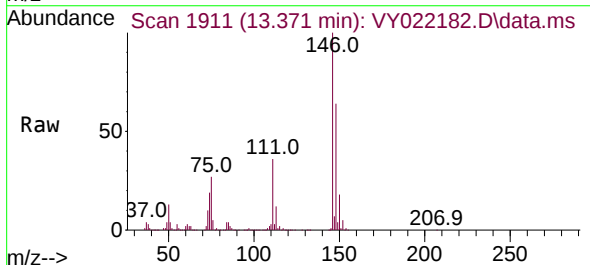
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

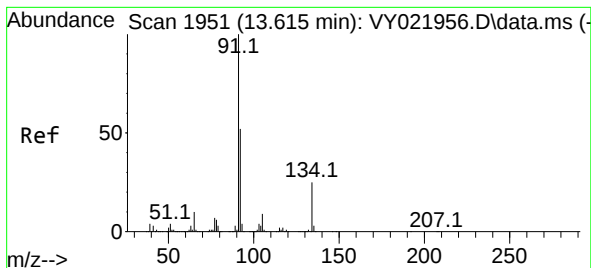
Tgt Ion:146 Resp: 303472
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 52.086 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Tgt Ion:146 Resp: 296890
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 63.1 32.0 96.0





#89

n-Butylbenzene

Concen: 54.812 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

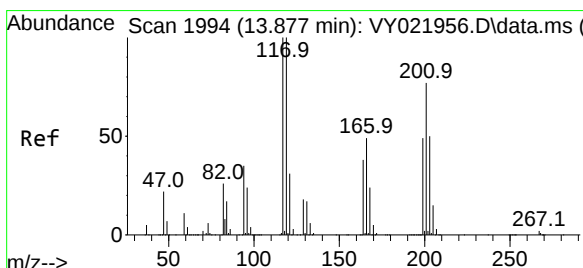
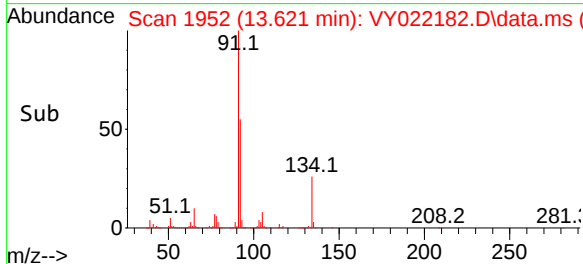
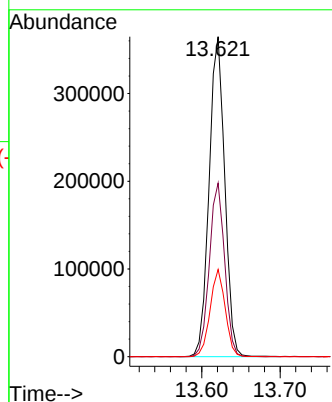
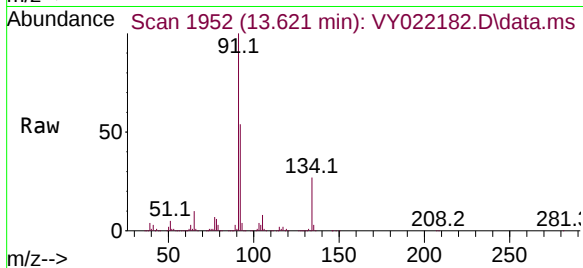
Tgt Ion: 91 Resp: 504471

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 26.4 13.4 40.1



#90

Hexachloroethane

Concen: 53.376 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022182.D

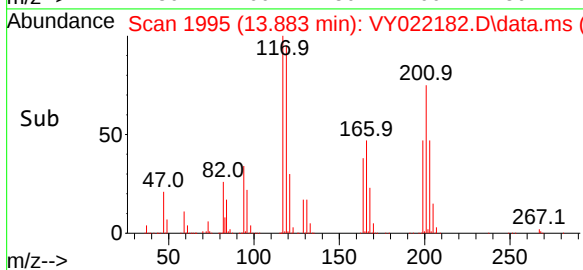
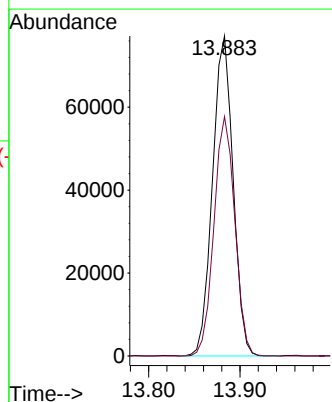
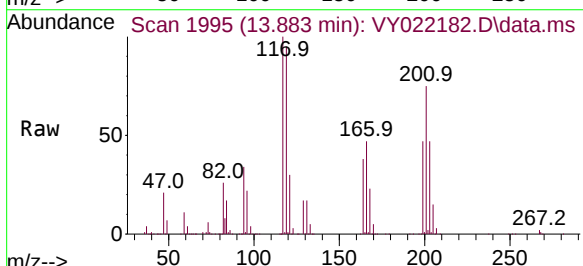
Acq: 07 May 2025 09:05

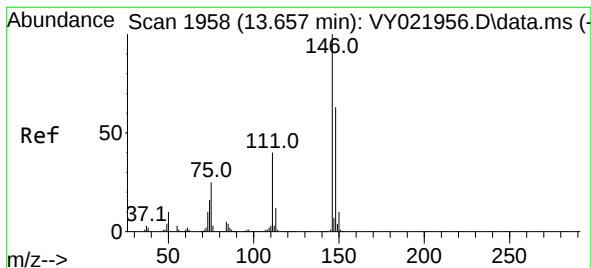
Tgt Ion: 117 Resp: 120755

Ion Ratio Lower Upper

117 100

201 75.8 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 53.150 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

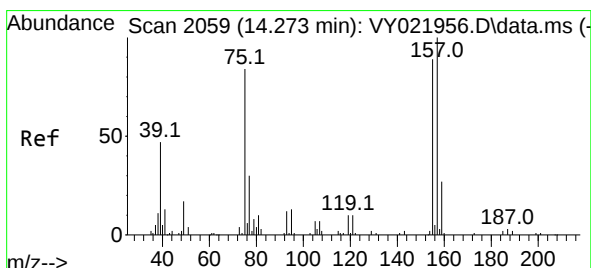
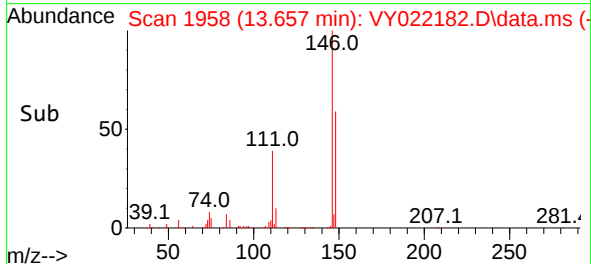
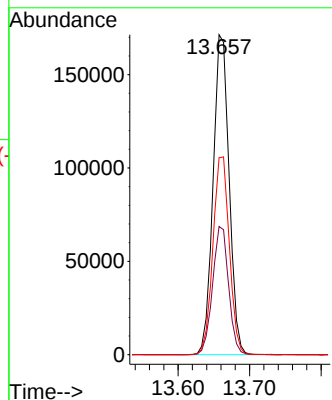
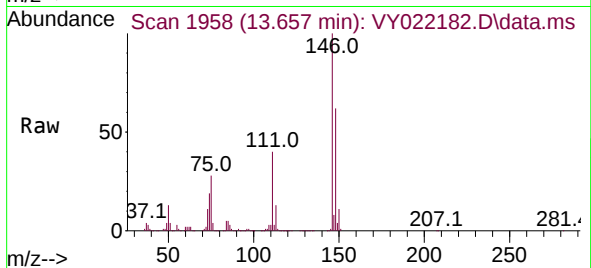
Tgt Ion:146 Resp: 266800

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.837 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

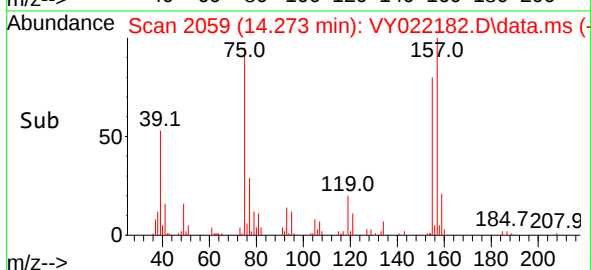
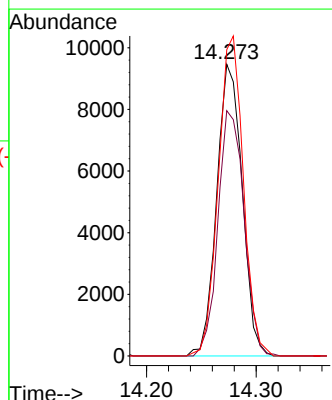
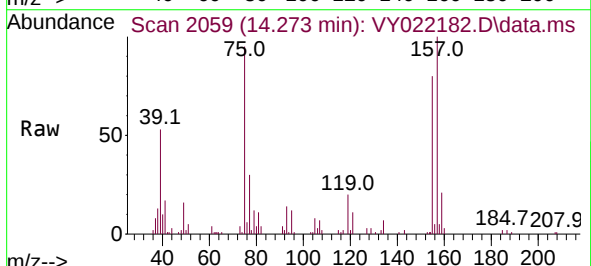
Tgt Ion: 75 Resp: 15292

Ion Ratio Lower Upper

75 100

155 85.8 50.7 152.3

157 107.8 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 51.094 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

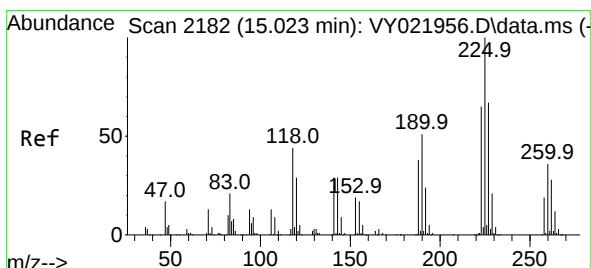
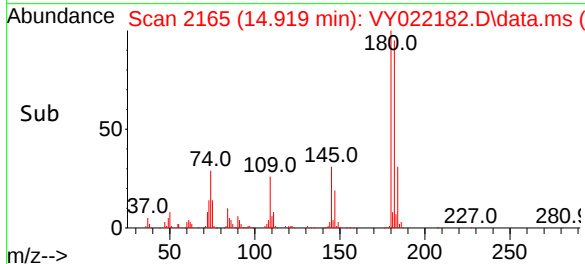
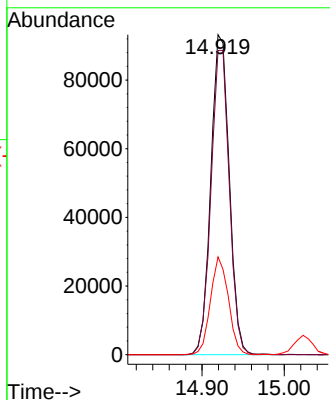
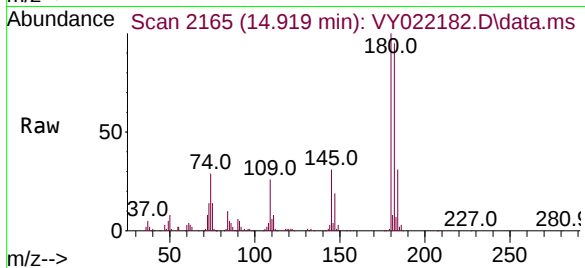
Tgt Ion:180 Resp: 145340

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.4

145 29.7 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.028 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

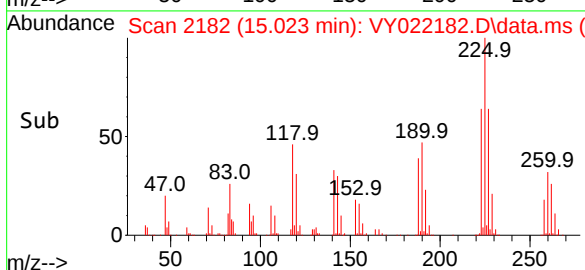
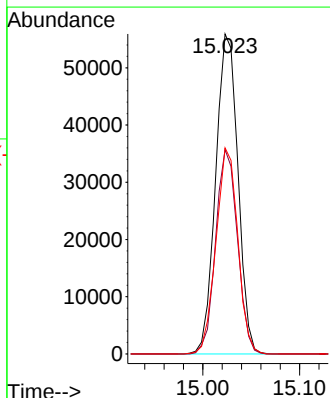
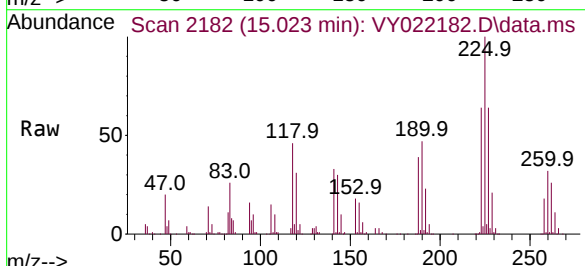
Tgt Ion:225 Resp: 89306

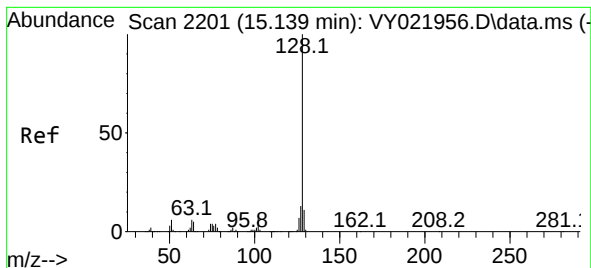
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.5

227 63.0 32.3 96.9





#95

Naphthalene

Concen: 49.112 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

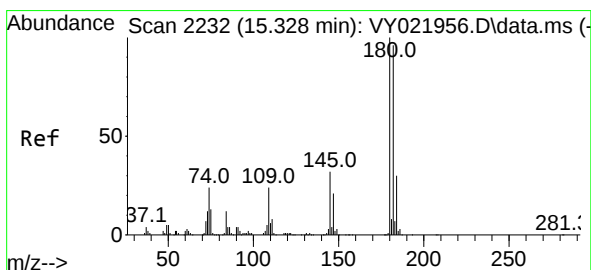
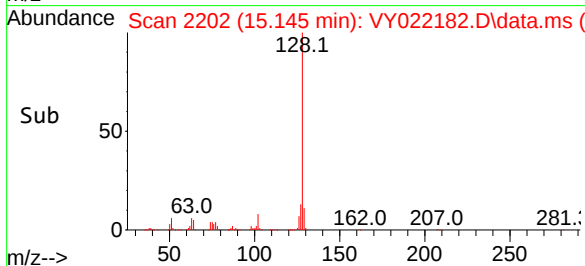
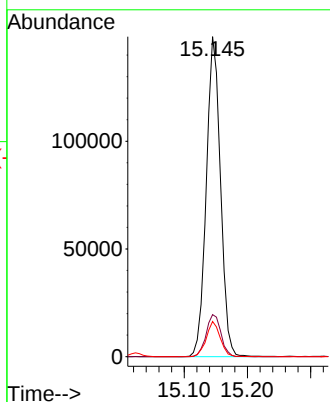
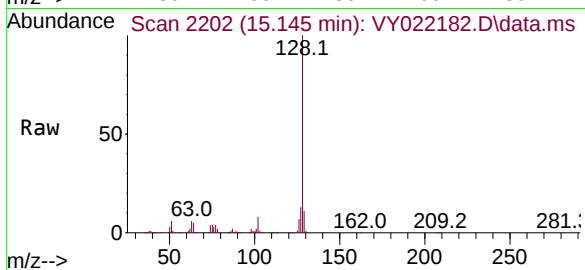
Tgt Ion:128 Resp: 232067

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.832 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion:180 Resp: 124814

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 31.9 16.0 48.0

