

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022197.D
 Acq On : 07 May 2025 16:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 01:43:44 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	189504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	299184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	282840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99322	56.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.480%	
35) Dibromofluoromethane	7.634	113	106687	53.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.960%	
50) Toluene-d8	10.103	98	419957	56.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.401	95	144776	57.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	67583	41.853	ug/l	96
3) Chloromethane	2.062	50	135151	58.780	ug/l	98
4) Vinyl Chloride	2.202	62	162984	57.684	ug/l	98
5) Bromomethane	2.592	94	134351	55.192	ug/l	100
6) Chloroethane	2.732	64	110747	57.553	ug/l	98
7) Trichlorofluoromethane	3.049	101	186364	50.020	ug/l	98
8) Diethyl Ether	3.452	74	47800	49.292	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	98106	48.540	ug/l	98
10) Methyl Iodide	4.001	142	127116	54.322	ug/l	97
11) Tert butyl alcohol	4.872	59	24326	253.142	ug/l	97
12) 1,1-Dichloroethene	3.787	96	92881	49.303	ug/l	95
13) Acrolein	3.659	56	15683	90.929	ug/l	100
14) Allyl chloride	4.378	41	120083	54.743	ug/l	98
15) Acrylonitrile	5.061	53	98041	276.163	ug/l	99
16) Acetone	3.873	43	63881	281.508	ug/l	99
17) Carbon Disulfide	4.104	76	296011	49.280	ug/l	97
18) Methyl Acetate	4.385	43	60521	74.017	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	225777	53.546	ug/l	99
20) Methylene Chloride	4.610	84	112311	50.742	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	112361	53.256	ug/l	91
22) Diisopropyl ether	6.018	45	288038	59.006	ug/l	98
23) Vinyl Acetate	5.957	43	724643	275.443	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190778	56.382	ug/l	99
25) 2-Butanone	6.896	43	108786	272.647	ug/l	93
26) 2,2-Dichloropropane	6.878	77	159103	53.648	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	129018	54.690	ug/l	97
28) Bromochloromethane	7.244	49	79497	60.487	ug/l	94
29) Tetrahydrofuran	7.262	42	75319	290.647	ug/l	98
30) Chloroform	7.421	83	213067	56.769	ug/l	100
31) Cyclohexane	7.701	56	145317	50.221	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	184122	54.223	ug/l	98
36) 1,1-Dichloropropene	7.835	75	143082	53.890	ug/l	98
37) Ethyl Acetate	6.982	43	52210	54.752	ug/l	98
38) Carbon Tetrachloride	7.817	117	166492	52.478	ug/l	100
39) Methylcyclohexane	9.109	83	167535	50.141	ug/l	95
40) Benzene	8.079	78	467290	56.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	22864	43.862	ug/l #	72
42) 1,2-Dichloroethane	8.158	62	116599	56.743	ug/l	99
43) Isopropyl Acetate	8.195	43	100547	54.906	ug/l	98
44) Trichloroethene	8.866	130	121457	52.833	ug/l	99
45) 1,2-Dichloropropane	9.140	63	106437	57.991	ug/l	100
46) Dibromomethane	9.231	93	63415	55.194	ug/l	98
47) Bromodichloromethane	9.420	83	162778	56.712	ug/l	100
48) Methyl methacrylate	9.219	41	50054	59.127	ug/l	96
49) 1,4-Dioxane	9.237	88	13326	1088.193	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	285835	297.756	ug/l	97
52) Toluene	10.170	92	307546	57.245	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	137914	56.018	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	162477	55.518	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	87989	57.332	ug/l	99
56) Ethyl methacrylate	10.438	69	100073	57.020	ug/l	96
57) 1,3-Dichloropropane	10.719	76	139099	56.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	246914	287.742	ug/l	98
59) 2-Hexanone	10.762	43	188683	297.995	ug/l	97
60) Dibromochloromethane	10.908	129	119372	56.180	ug/l	99
61) 1,2-Dibromoethane	11.011	107	81442	56.210	ug/l	98
64) Tetrachloroethene	10.646	164	137886	51.677	ug/l	98
65) Chlorobenzene	11.438	112	338124	53.458	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	120658	54.185	ug/l	99
67) Ethyl Benzene	11.517	91	579567	56.015	ug/l	97
68) m/p-Xylenes	11.627	106	466639	113.339	ug/l	100
69) o-Xylene	11.950	106	211154	55.644	ug/l	97
70) Styrene	11.969	104	365411	57.351	ug/l	99
71) Bromoform	12.133	173	68789	53.134	ug/l #	97
73) Isopropylbenzene	12.255	105	564522	52.927	ug/l	99
74) N-amyl acetate	12.072	43	94525	51.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93850	52.189	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	124956	91.378	ug/l #	100
77) Bromobenzene	12.529	156	138573	51.415	ug/l	98
78) n-propylbenzene	12.590	91	678253	53.397	ug/l	99
79) 2-Chlorotoluene	12.676	91	393545	53.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	469979	53.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	28144	49.563	ug/l	98
82) 4-Chlorotoluene	12.773	91	408187	53.156	ug/l	99
83) tert-Butylbenzene	12.999	119	420240	53.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	474051	53.929	ug/l	100
85) sec-Butylbenzene	13.176	105	615640	53.379	ug/l	99
86) p-Isopropyltoluene	13.292	119	517861	52.877	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	278569	50.890	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	273618	50.470	ug/l	100
89) n-Butylbenzene	13.615	91	459039	52.438	ug/l	99
90) Hexachloroethane	13.877	117	114479	53.203	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	247238	51.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14271	49.881	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	132104	48.828	ug/l	100
94) Hexachlorobutadiene	15.023	225	80556	48.394	ug/l	100
95) Naphthalene	15.145	128	227596	50.641	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	115989	49.665	ug/l	99

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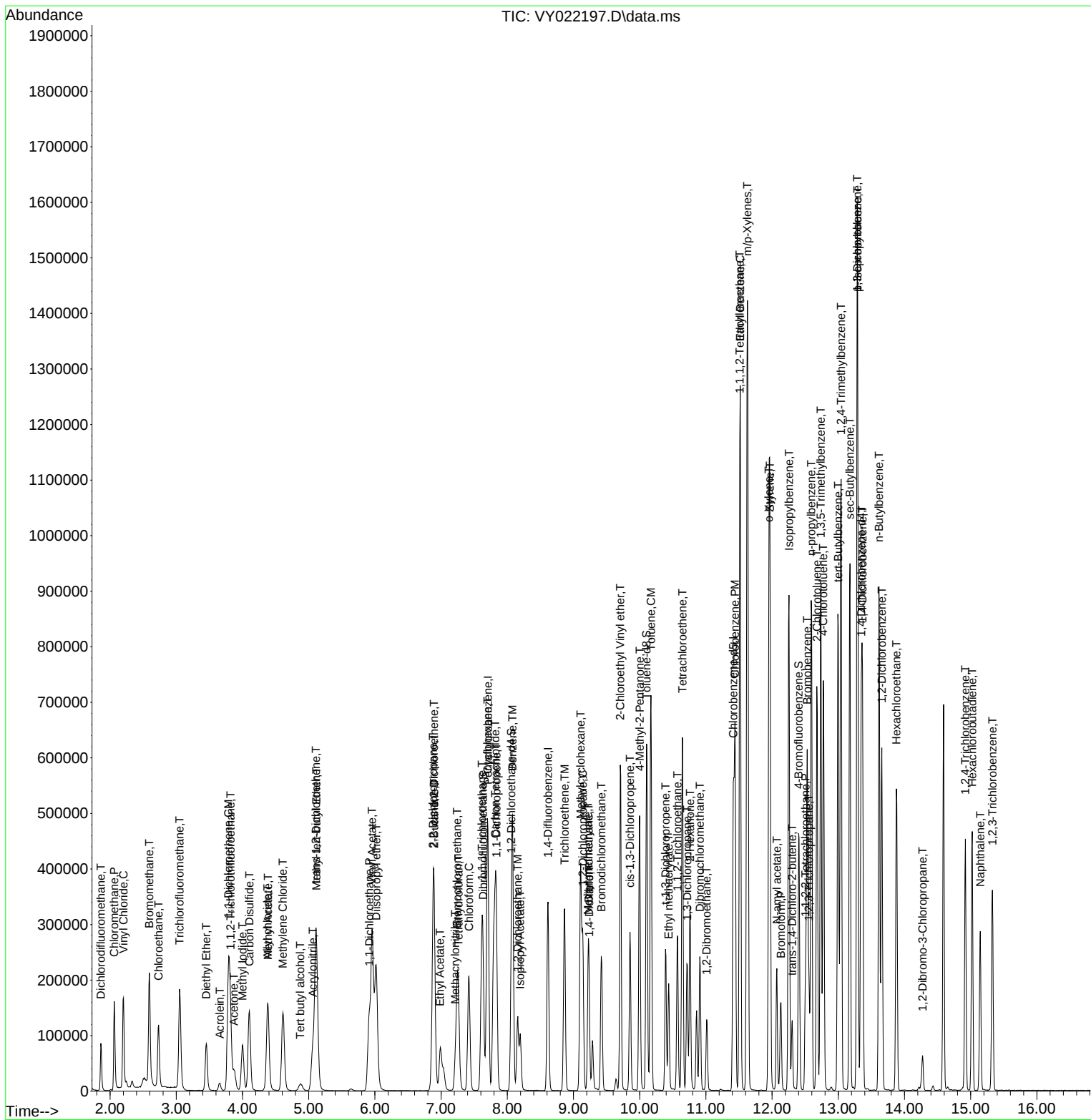
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

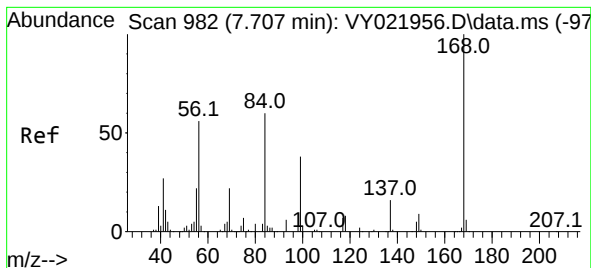
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022197.D

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ClientSampleId :

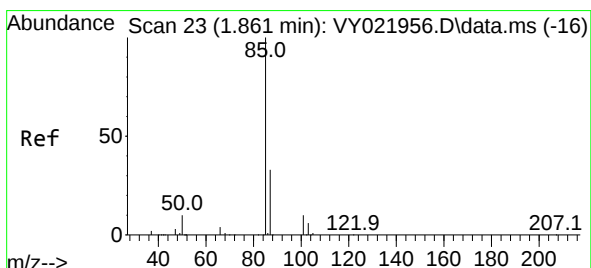
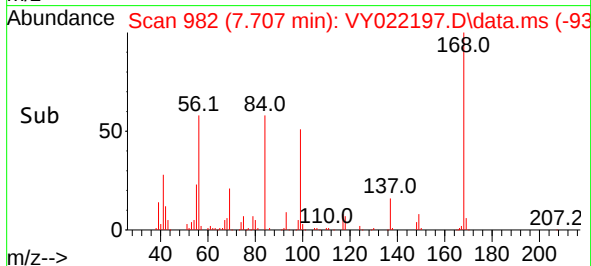
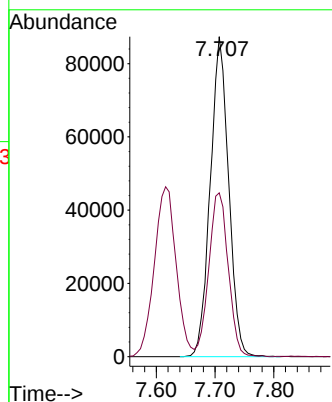
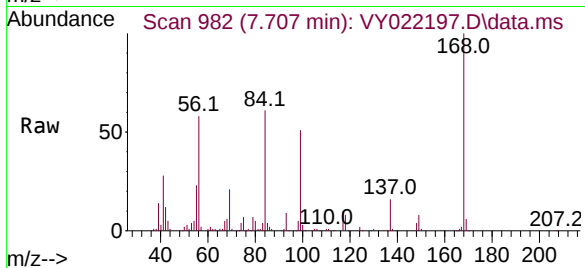
VSTDCCC050EC

Tgt Ion:168 Resp: 189504

Ion Ratio Lower Upper

168 100

99 51.1 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 41.853 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.000 min

Lab File: VY022197.D

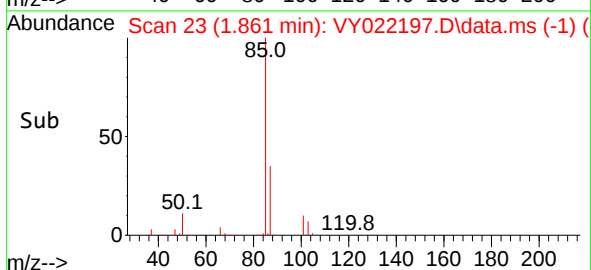
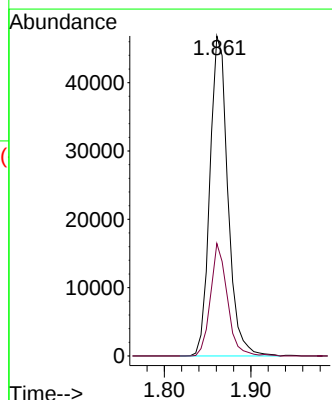
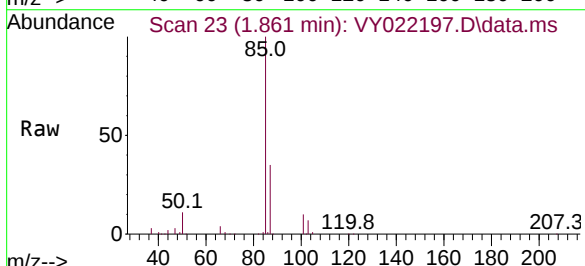
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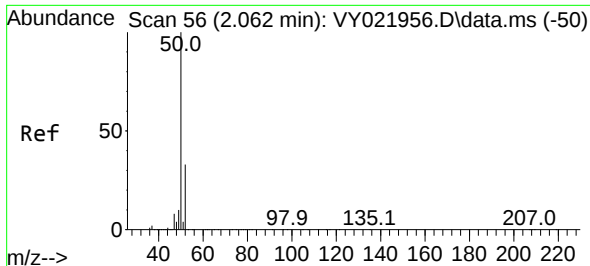
Tgt Ion: 85 Resp: 67583

Ion Ratio Lower Upper

85 100

87 35.1 16.6 49.7

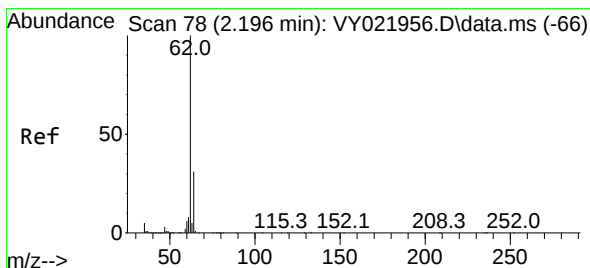
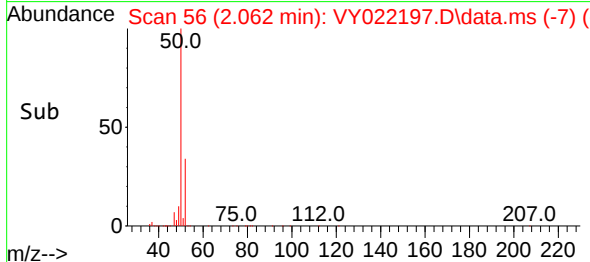
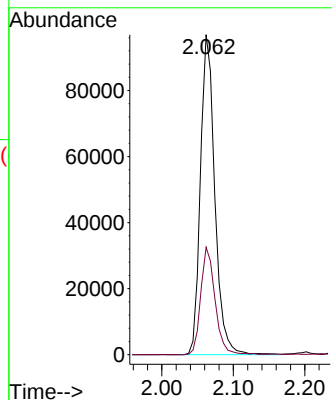
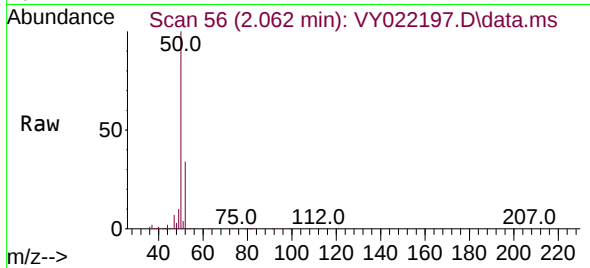




#3
Chloromethane
Concen: 58.780 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022197.D
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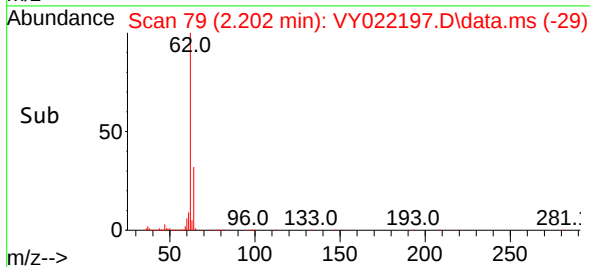
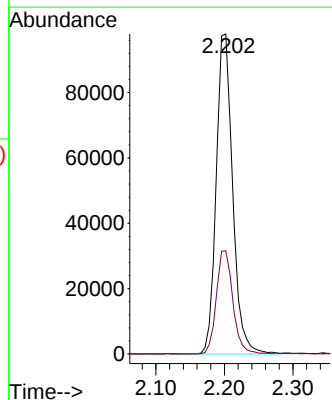
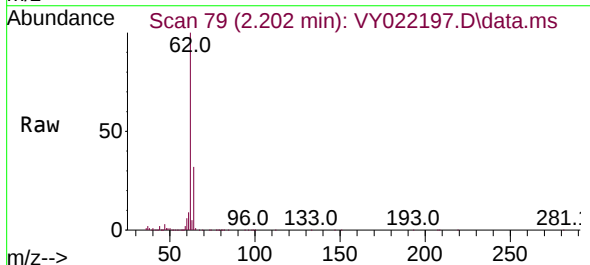
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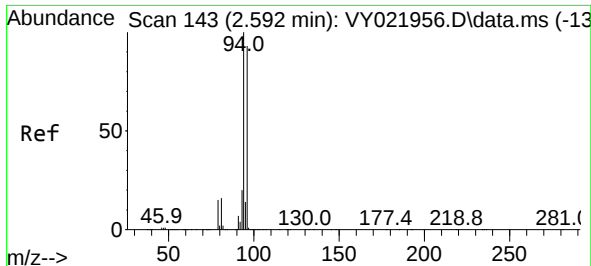
Tgt Ion: 50 Resp: 135151
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 57.684 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 62 Resp: 162984
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7

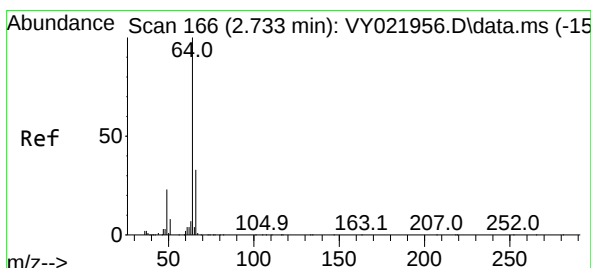
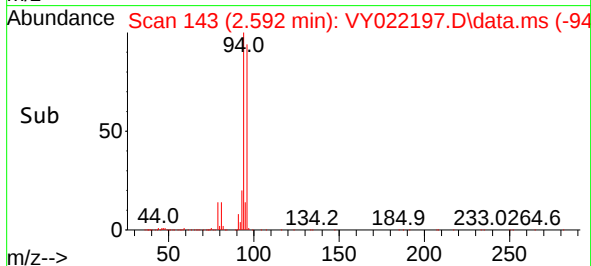
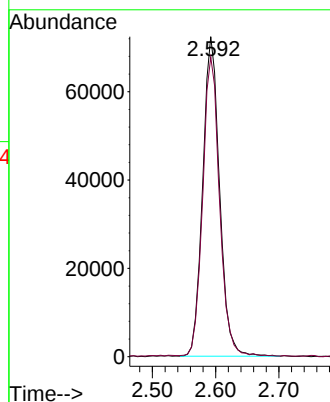
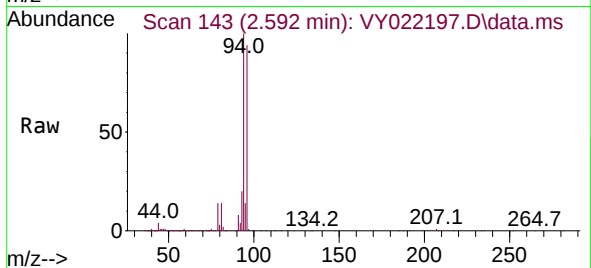




#5
Bromomethane
Concen: 55.192 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022197.D
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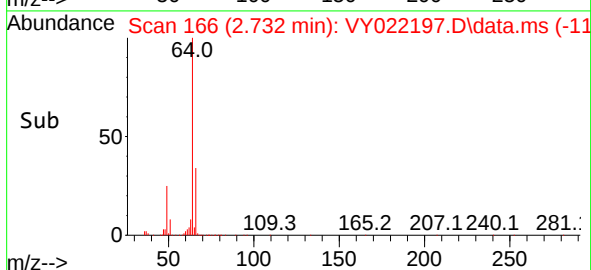
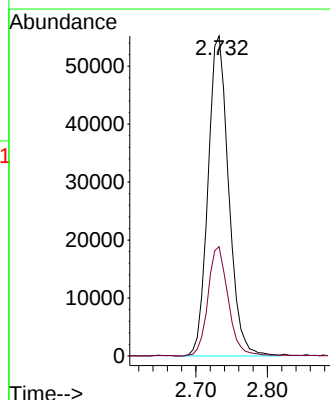
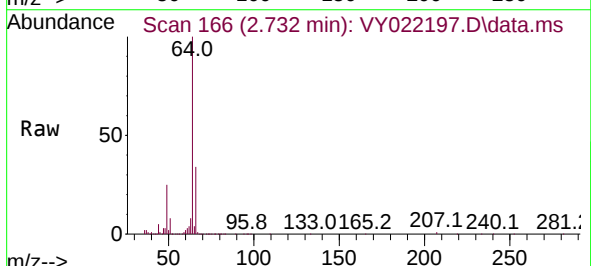
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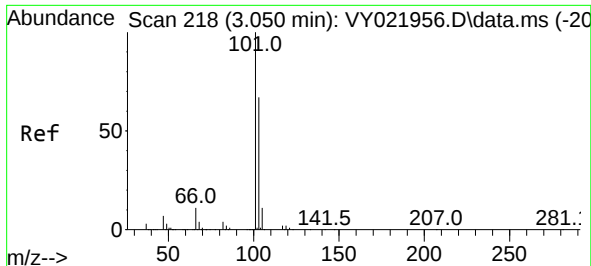
Tgt Ion: 94 Resp: 134351
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 57.553 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 64 Resp: 110747
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4

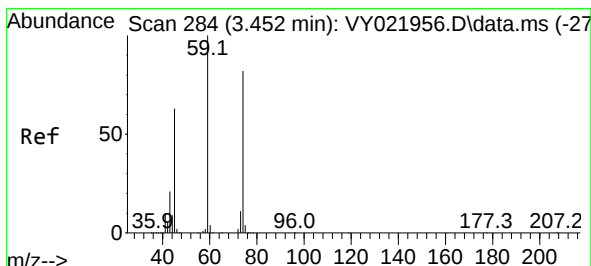
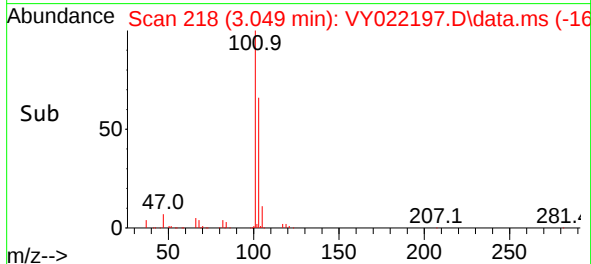
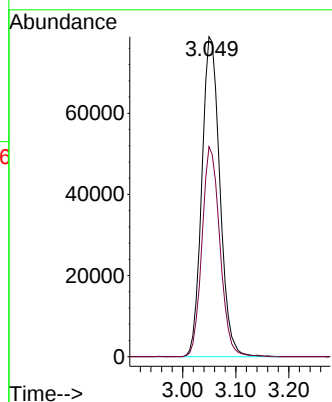
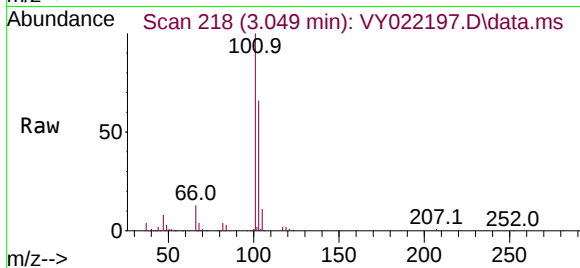




#7
Trichlorofluoromethane
Concen: 50.020 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

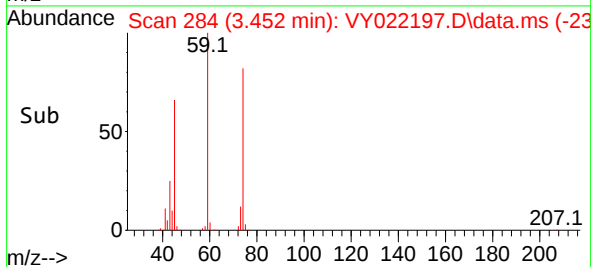
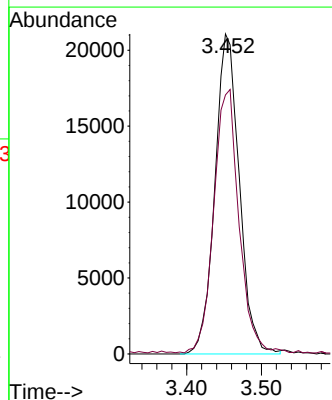
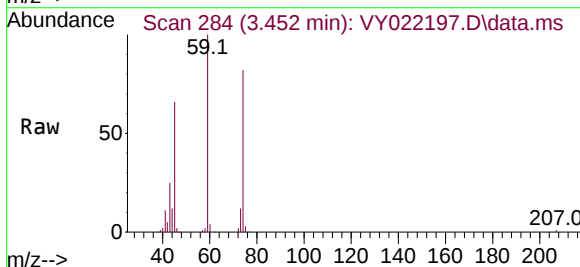
Instrument :
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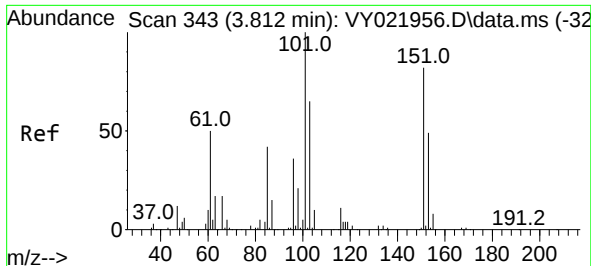
Tgt Ion:101 Resp: 186364
Ion Ratio Lower Upper
101 100
103 65.6 53.6 80.4



#8
Diethyl Ether
Concen: 49.292 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 47800
Ion Ratio Lower Upper
74 100
45 84.7 39.1 117.5

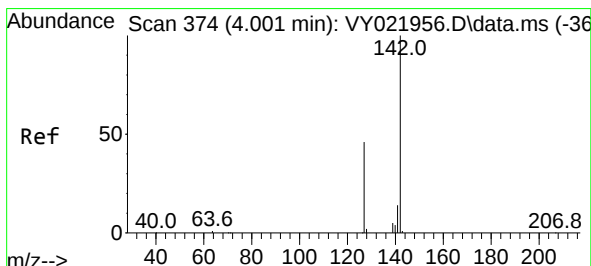
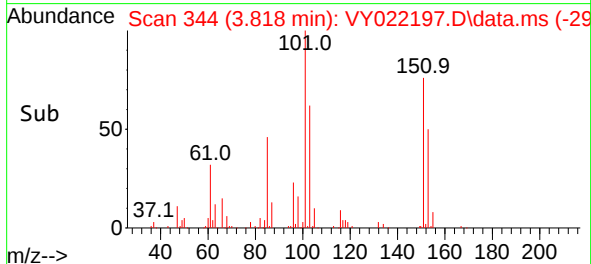
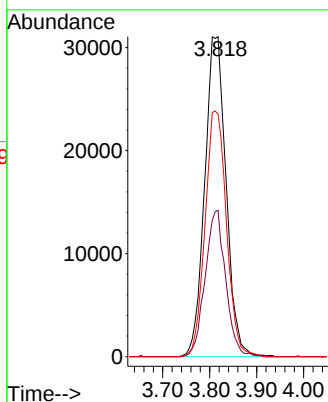
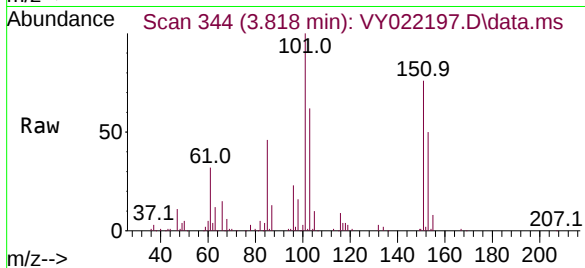




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.540 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

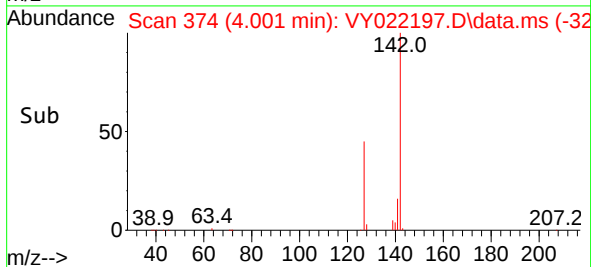
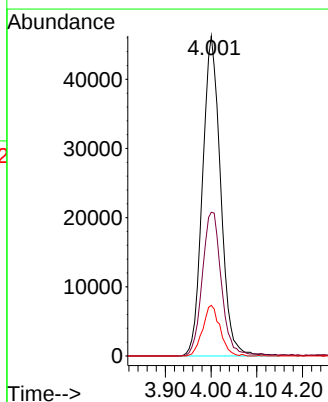
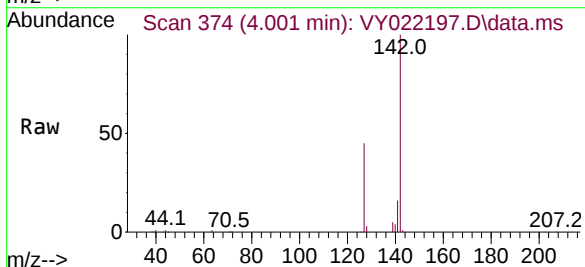
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

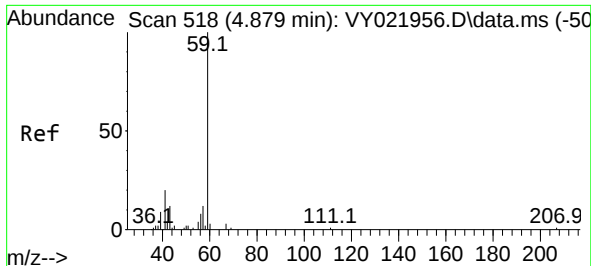
Tgt Ion:101 Resp: 98106
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 76.9 63.7 95.5



#10
Methyl Iodide
Concen: 54.322 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:142 Resp: 127116
Ion Ratio Lower Upper
142 100
127 47.4 36.2 54.2
141 15.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 253.142 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

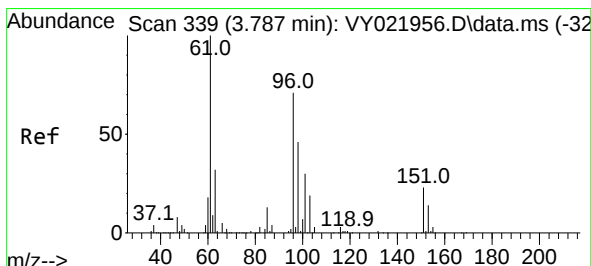
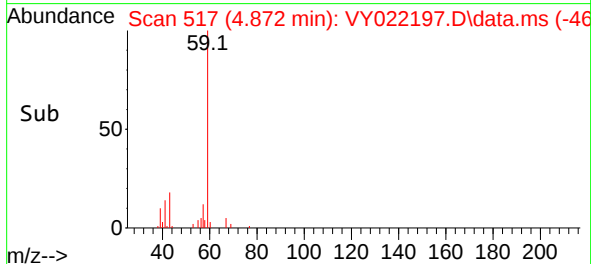
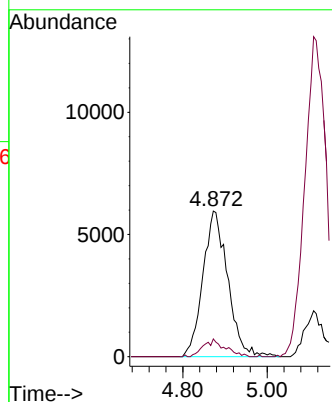
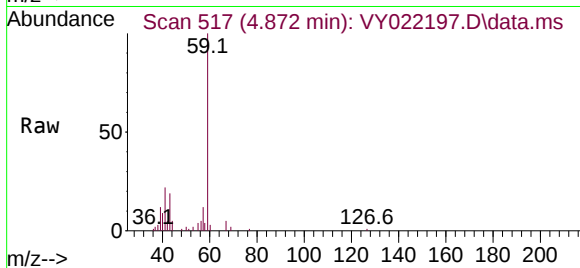
VSTDCCC050EC

Tgt Ion: 59 Resp: 24326

Ion Ratio Lower Upper

59 100

57 10.5 9.3 13.9



#12

1,1-Dichloroethene

Concen: 49.303 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

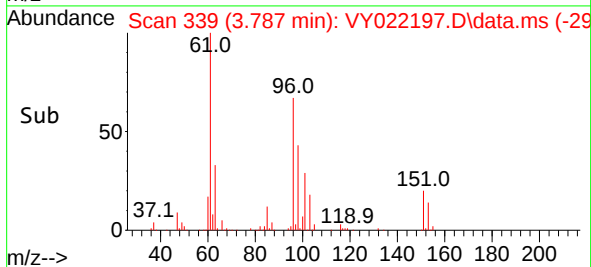
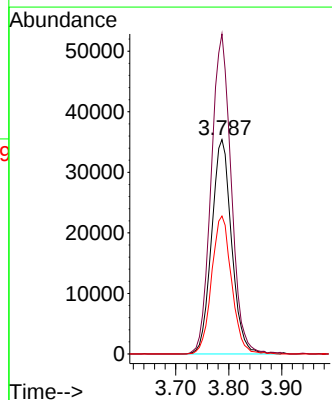
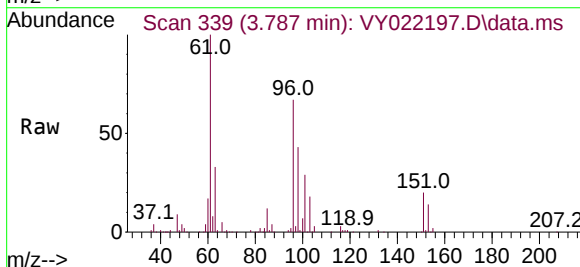
Tgt Ion: 96 Resp: 92881

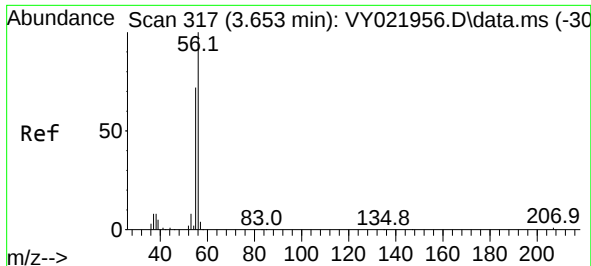
Ion Ratio Lower Upper

96 100

61 149.2 113.0 169.4

98 64.4 51.4 77.2

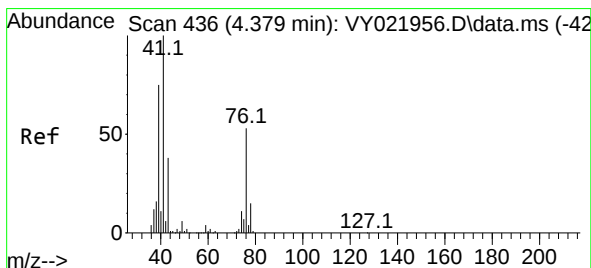
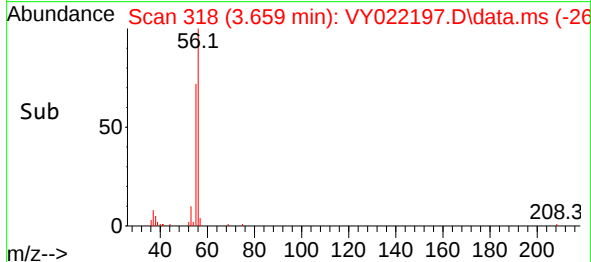
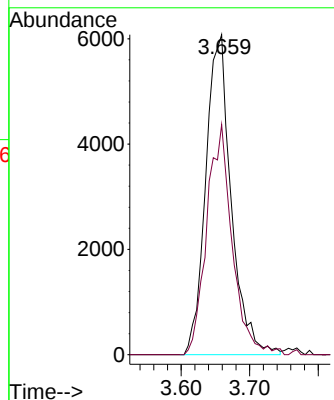
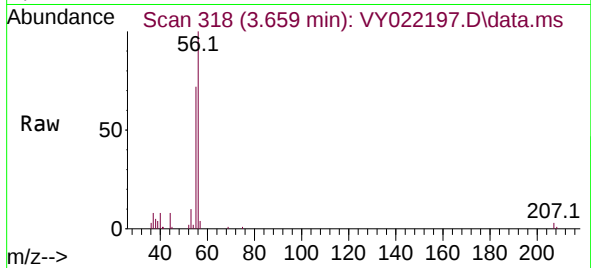




#13
Acrolein
Concen: 90.929 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

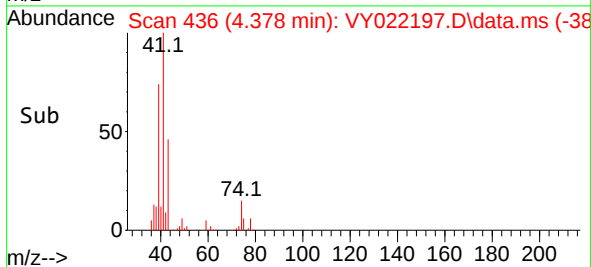
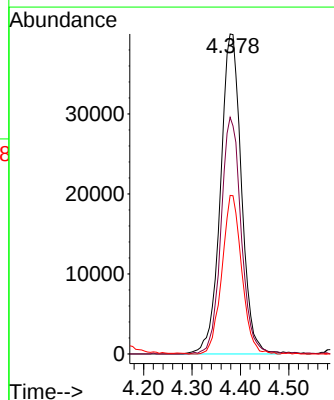
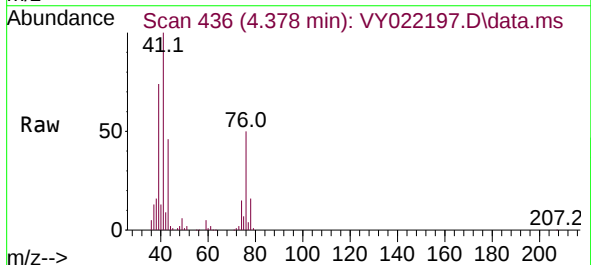
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 15683
Ion Ratio Lower Upper
56 100
55 71.9 57.4 86.0



#14
Allyl chloride
Concen: 54.743 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

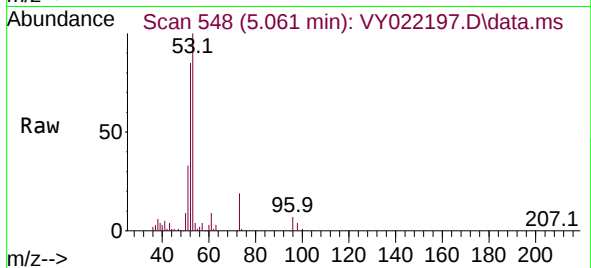
Tgt Ion: 41 Resp: 120083
Ion Ratio Lower Upper
41 100
39 71.4 57.2 85.8
76 46.9 39.7 59.5



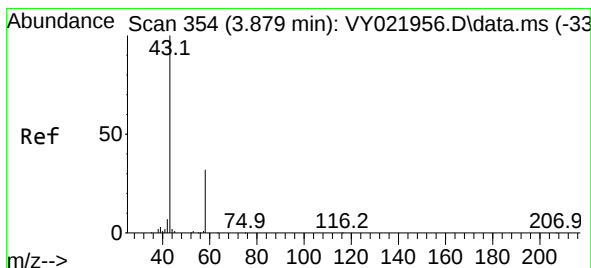
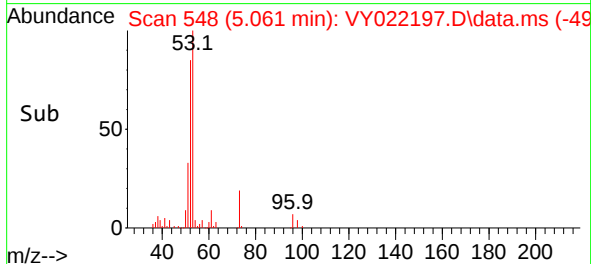
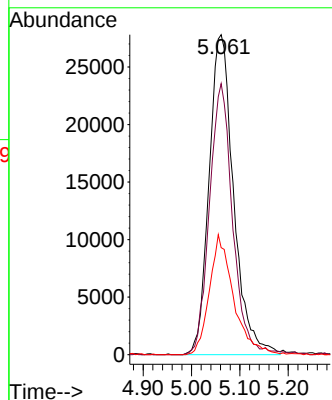


#15
Acrylonitrile
Concen: 276.163 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

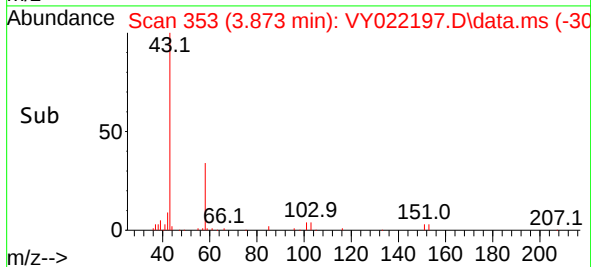
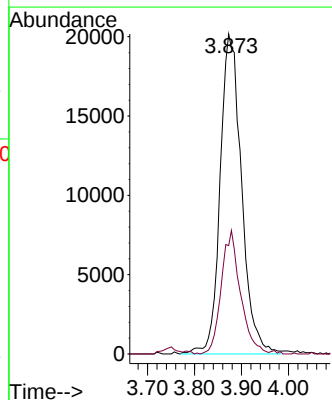
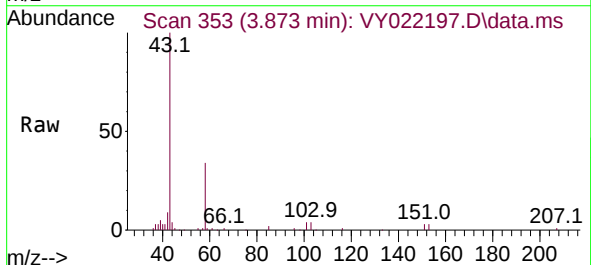


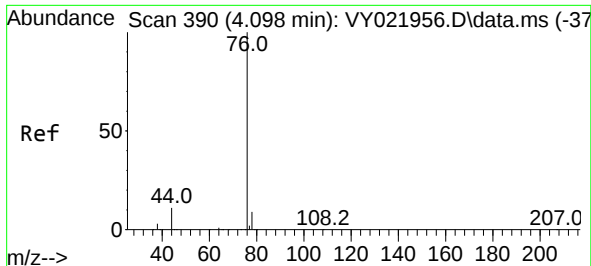
Tgt Ion: 53 Resp: 98041
Ion Ratio Lower Upper
53 100
52 80.0 65.0 97.6
51 36.9 28.9 43.3



#16
Acetone
Concen: 281.508 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 43 Resp: 63881
Ion Ratio Lower Upper
43 100
58 33.1 27.0 40.4

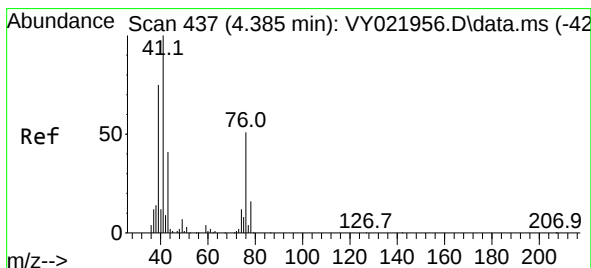
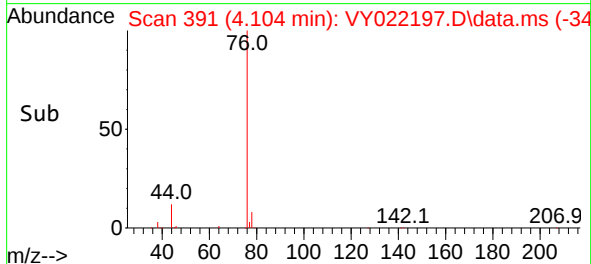
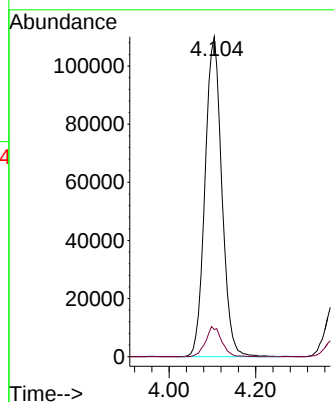
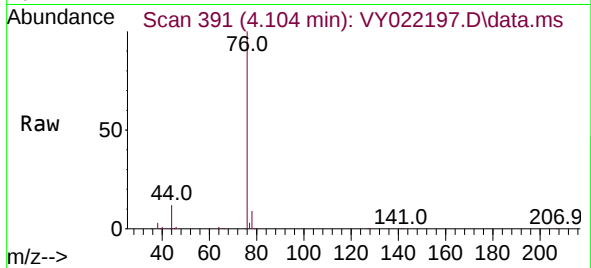




#17
Carbon Disulfide
Concen: 49.280 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

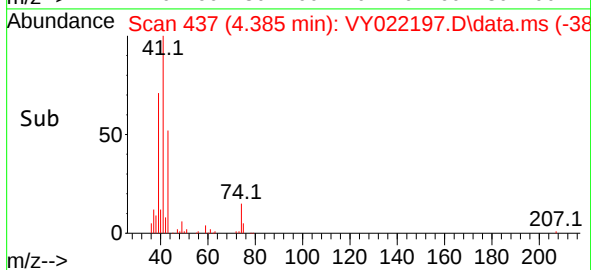
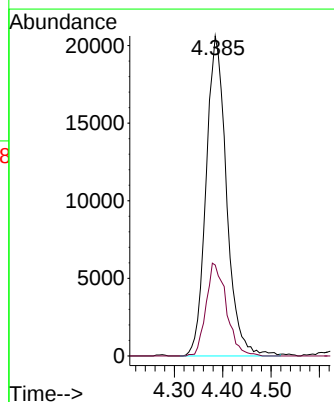
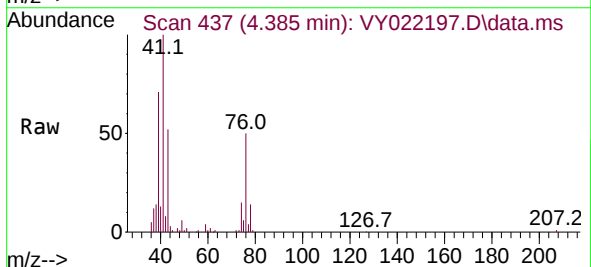
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 296011
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 74.017 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 43 Resp: 60521
Ion Ratio Lower Upper
43 100
74 28.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 53.546 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

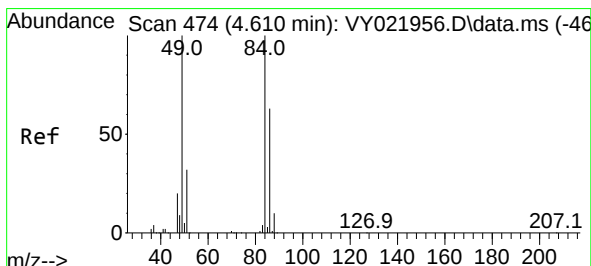
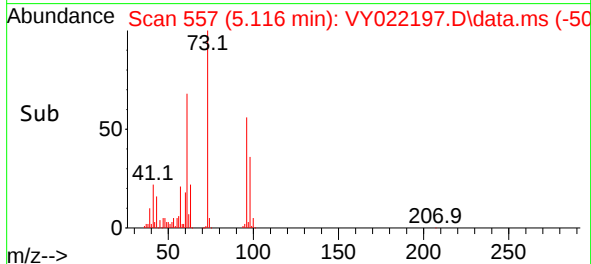
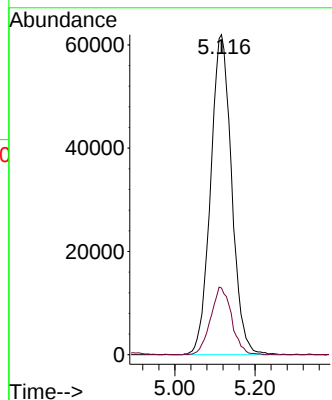
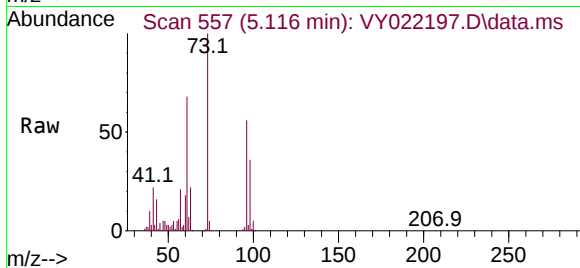
VSTDCCC050EC

Tgt Ion: 73 Resp: 225777

Ion Ratio Lower Upper

73 100

57 20.9 16.9 25.3



#20

Methylene Chloride

Concen: 50.742 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Tgt Ion: 84 Resp: 112311

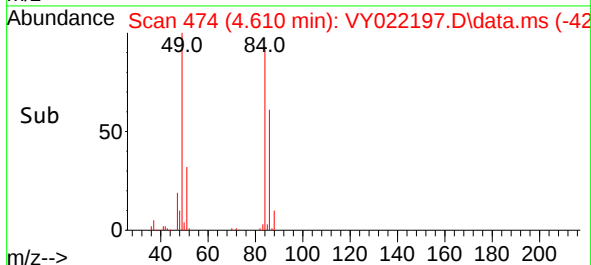
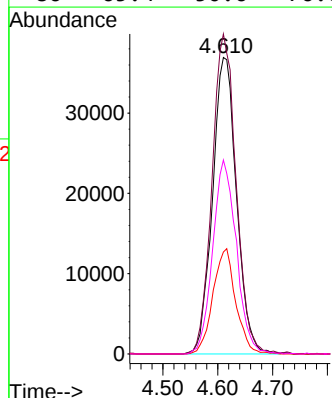
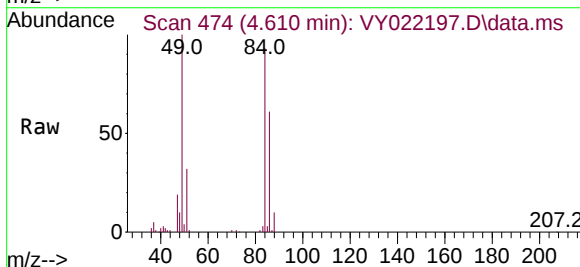
Ion Ratio Lower Upper

84 100

49 107.9 79.9 119.9

51 34.4 25.4 38.0

86 65.4 50.6 76.0

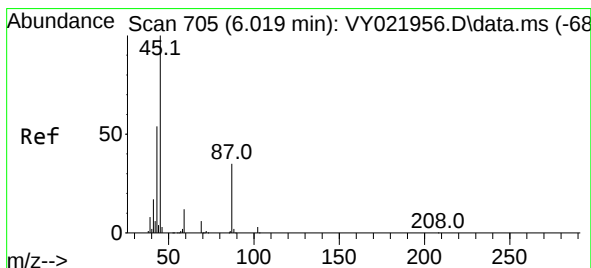
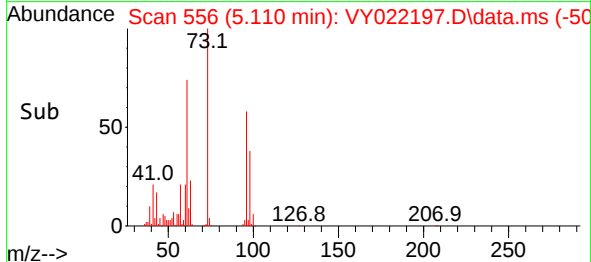
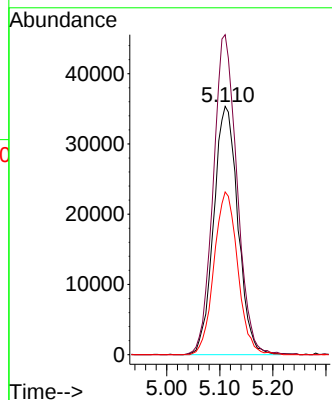
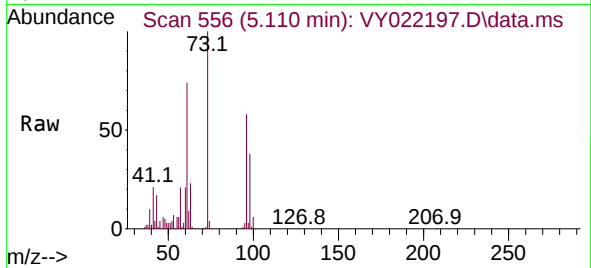




#21
trans-1,2-Dichloroethene
Concen: 53.256 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

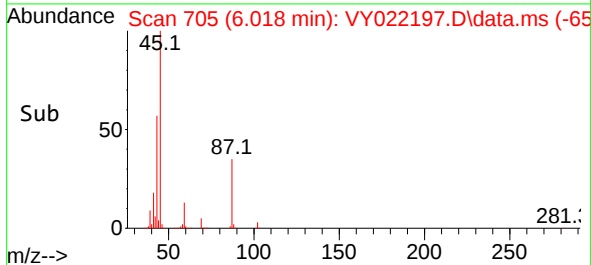
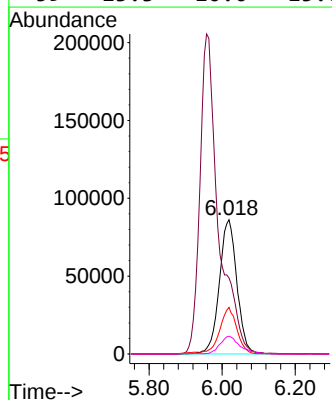
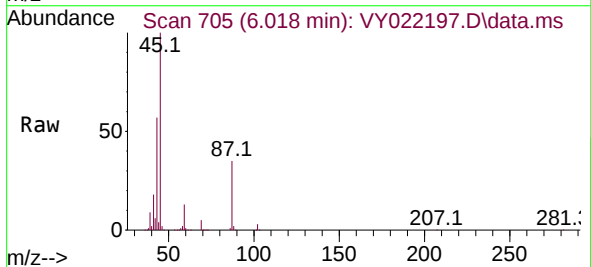
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

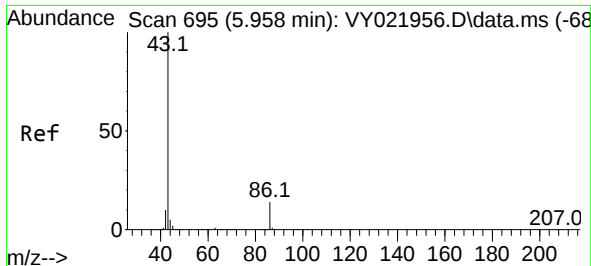
Tgt Ion: 96 Resp: 112361
Ion Ratio Lower Upper
96 100
61 128.9 92.6 138.8
98 65.5 50.2 75.4



#22
Diisopropyl ether
Concen: 59.006 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 45 Resp: 288038
Ion Ratio Lower Upper
45 100
43 56.5 43.6 65.4
87 34.6 28.2 42.4
59 13.3 10.0 15.0

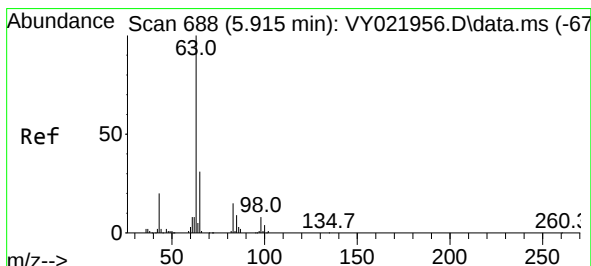
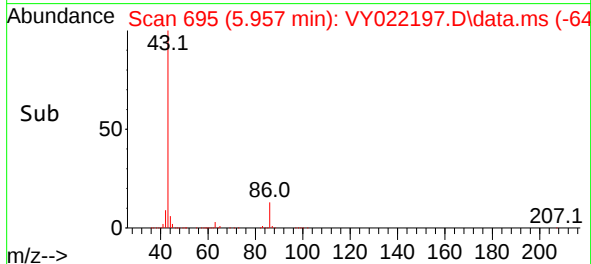
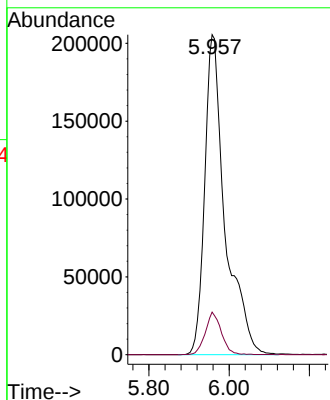
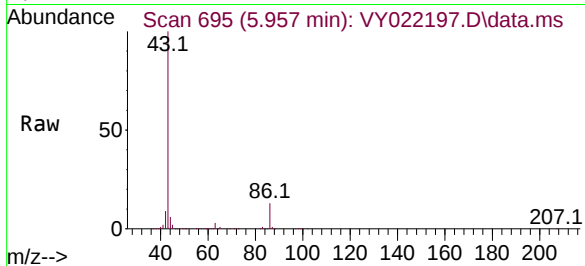




#23
 Vinyl Acetate
 Concen: 275.443 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

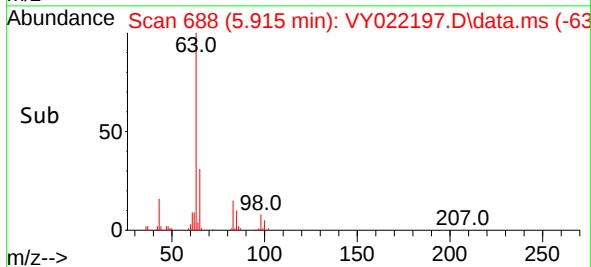
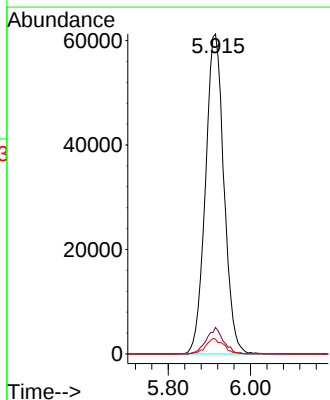
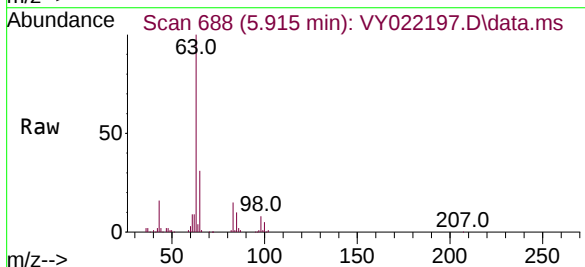
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

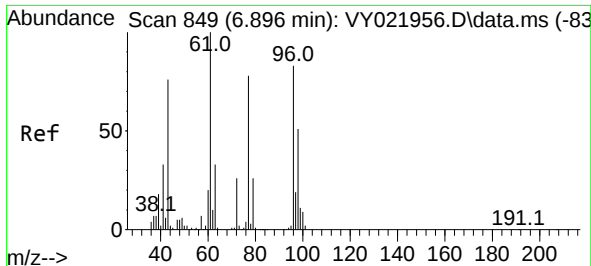
Tgt Ion: 43 Resp: 724643
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 56.382 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

Tgt Ion: 63 Resp: 190778
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 4.7 2.0 6.0

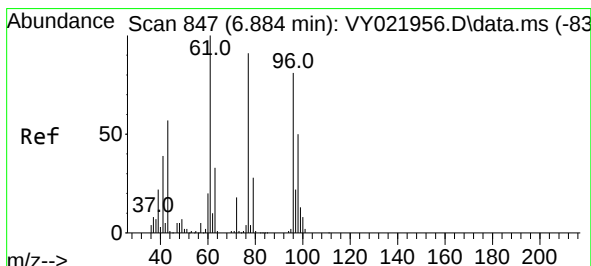
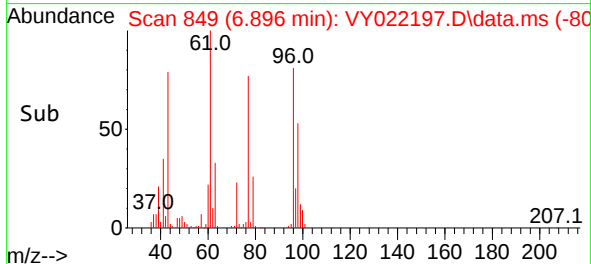
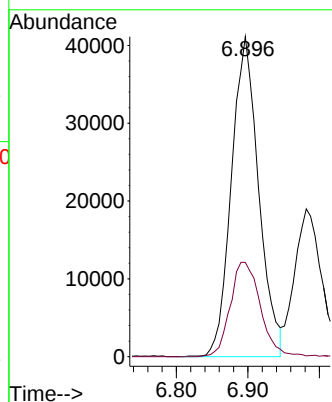
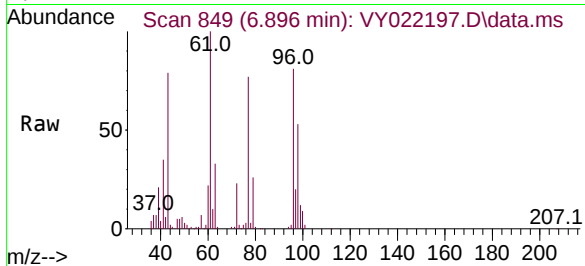




#25
2-Butanone
Concen: 272.647 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

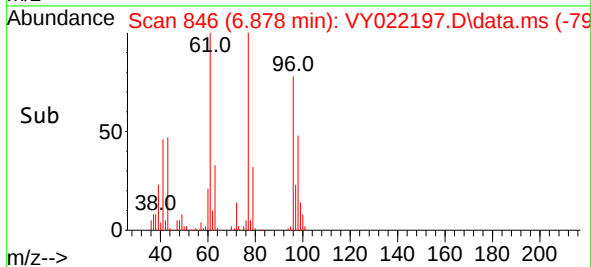
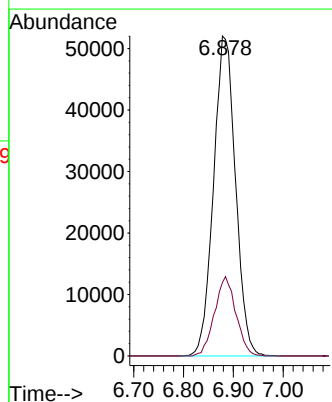
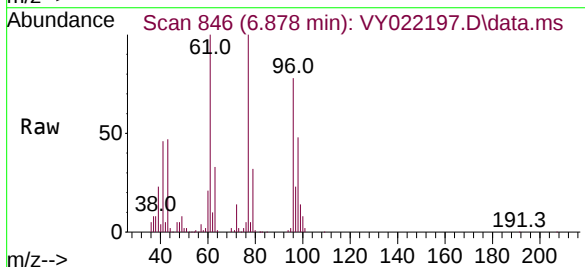
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

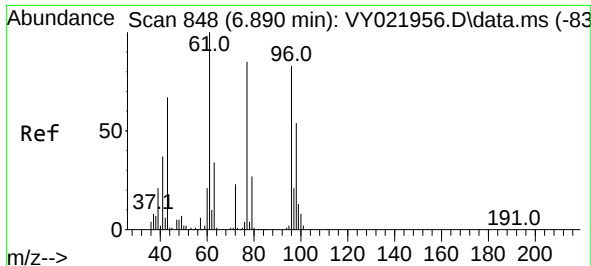
Tgt Ion: 43 Resp: 108786
Ion Ratio Lower Upper
43 100
72 29.5 27.0 40.4



#26
2,2-Dichloropropane
Concen: 53.648 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 77 Resp: 159103
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 54.690 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

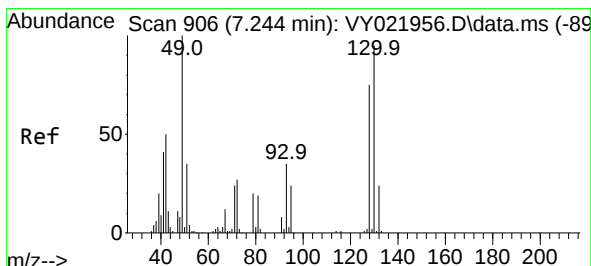
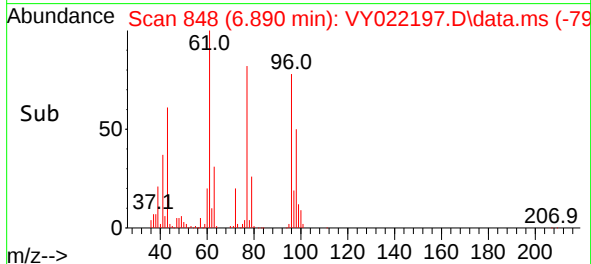
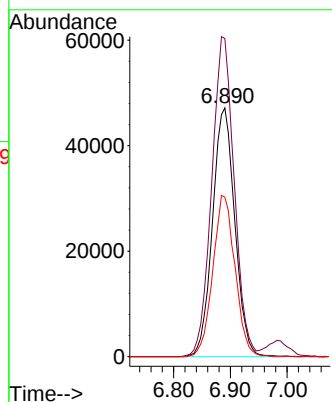
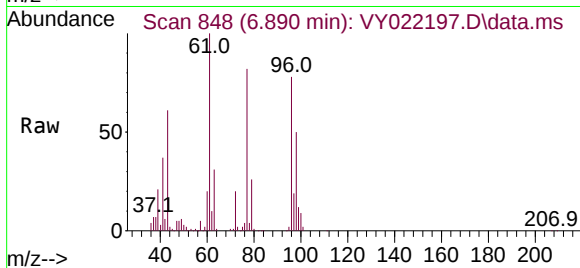
Tgt Ion: 96 Resp: 129018

Ion Ratio Lower Upper

96 100

61 130.0 0.0 251.4

98 64.4 0.0 128.4



#28

Bromochloromethane

Concen: 60.487 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

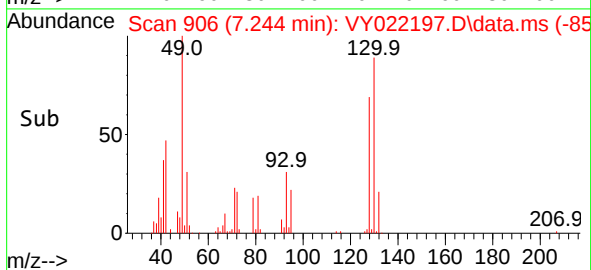
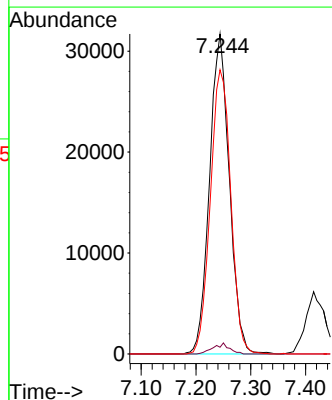
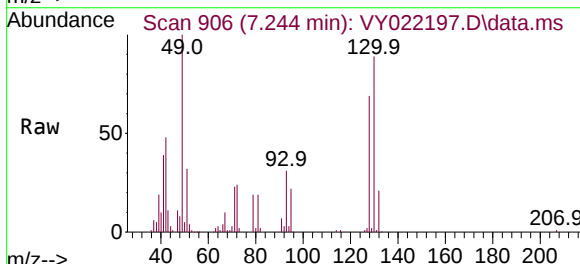
Tgt Ion: 49 Resp: 79497

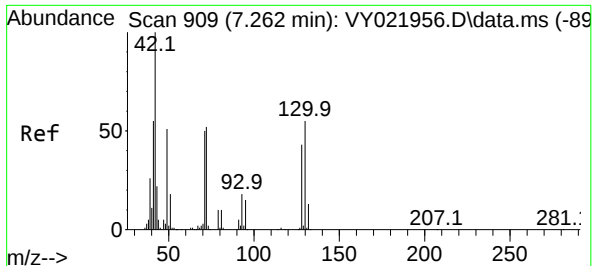
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 91.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 290.647 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

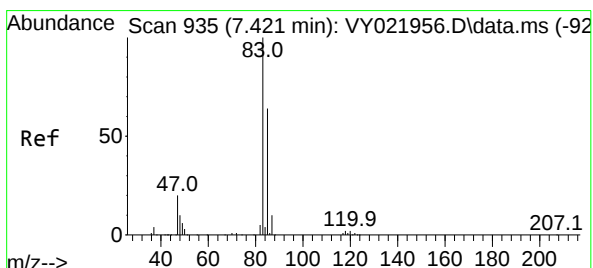
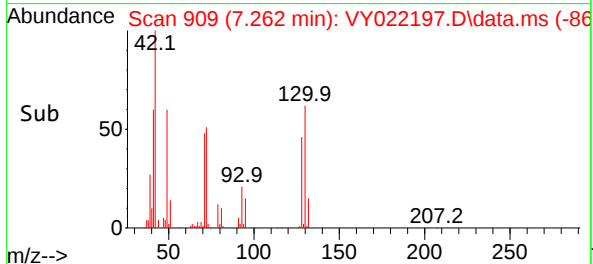
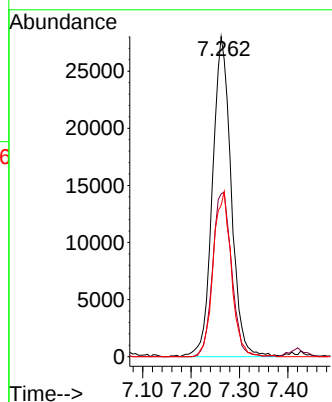
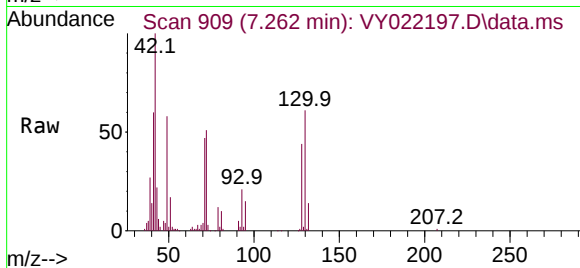
Tgt Ion: 42 Resp: 75319

Ion Ratio Lower Upper

42 100

72 52.0 42.6 63.8

71 49.7 40.6 61.0



#30

Chloroform

Concen: 56.769 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022197.D

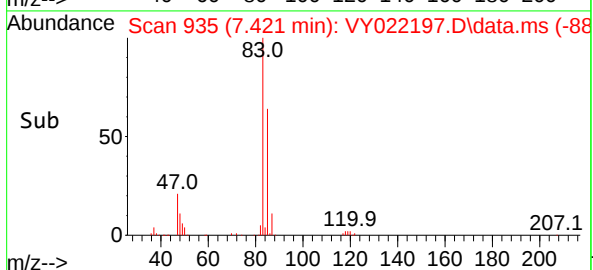
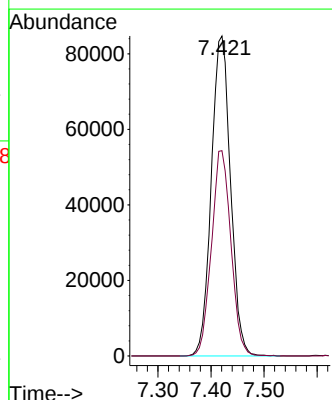
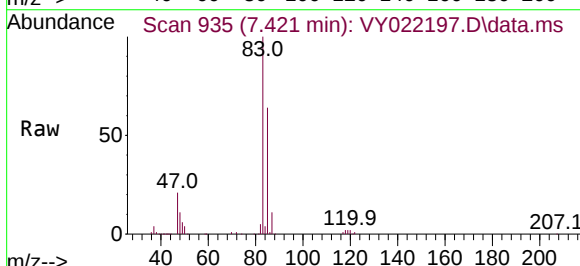
Acq: 07 May 2025 16:52

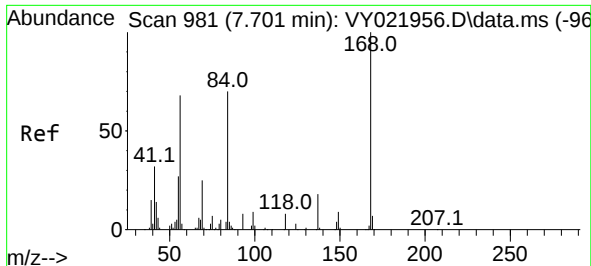
Tgt Ion: 83 Resp: 213067

Ion Ratio Lower Upper

83 100

85 64.2 51.3 76.9

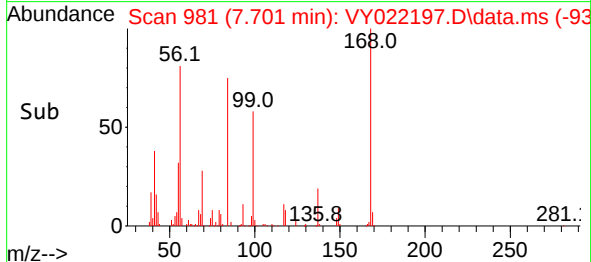
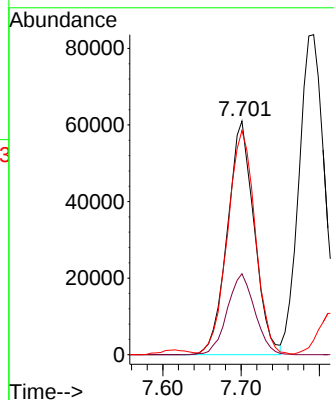
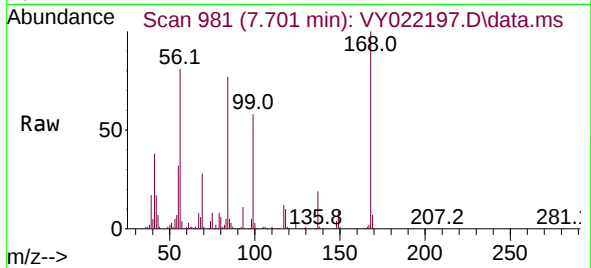




#31
Cyclohexane
Concen: 50.221 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

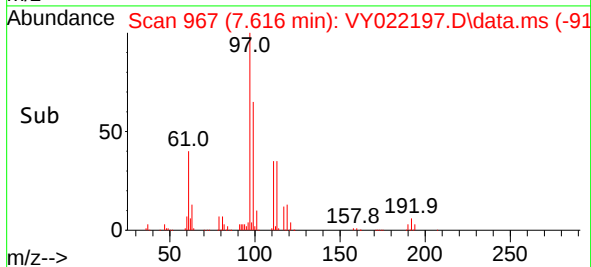
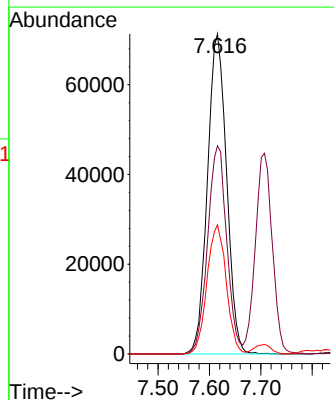
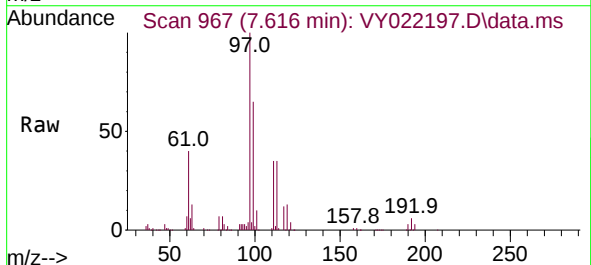
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

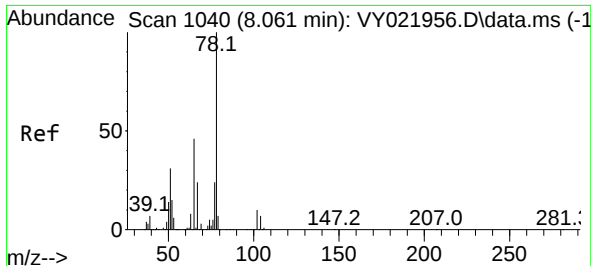
Tgt Ion: 56 Resp: 145317
Ion Ratio Lower Upper
56 100
69 34.7 29.4 44.2
84 94.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 54.223 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 97 Resp: 184122
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 40.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 56.742 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

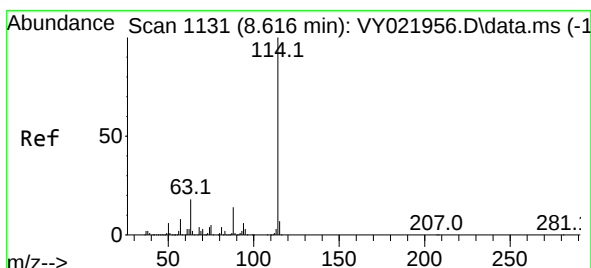
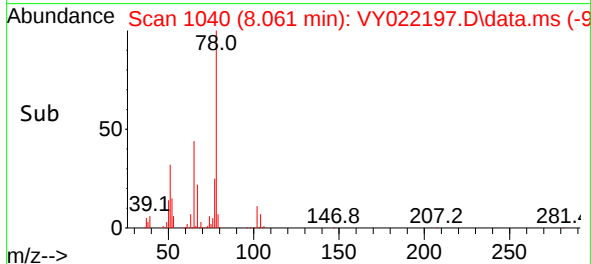
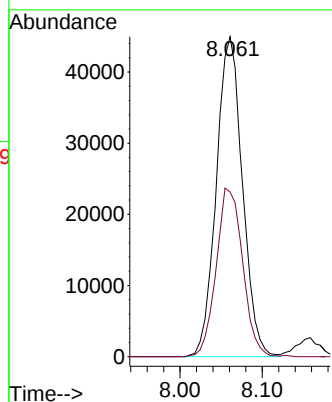
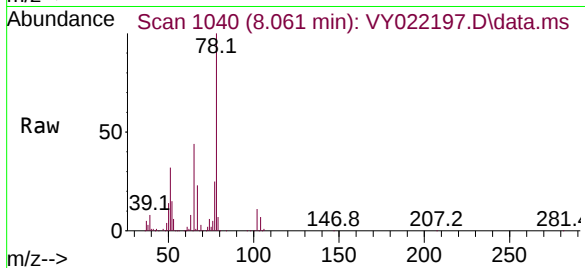
VSTDCCC050EC

Tgt Ion: 65 Resp: 99322

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

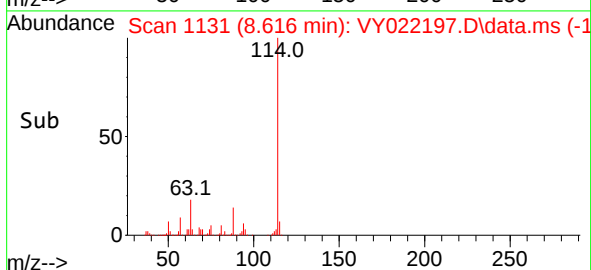
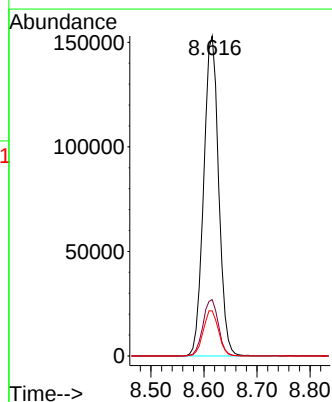
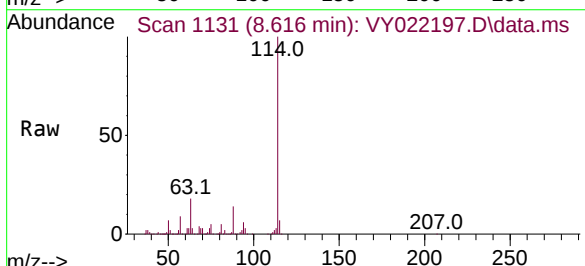
Tgt Ion: 114 Resp: 299184

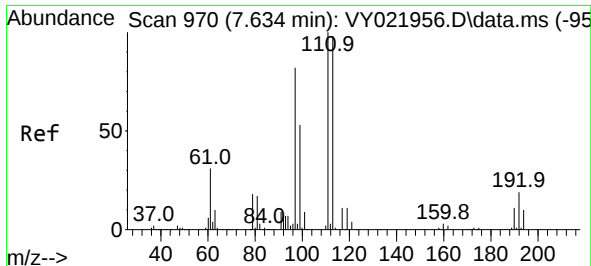
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.4

88 14.1 0.0 28.2

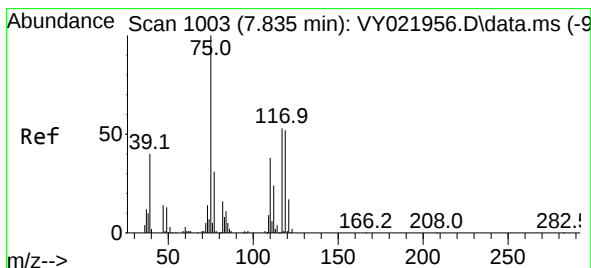
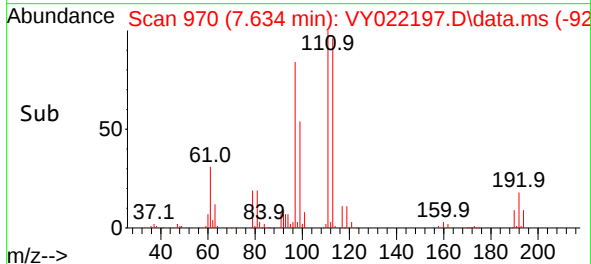
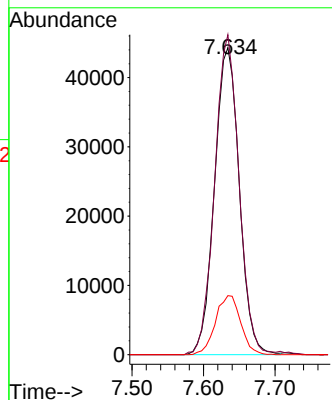
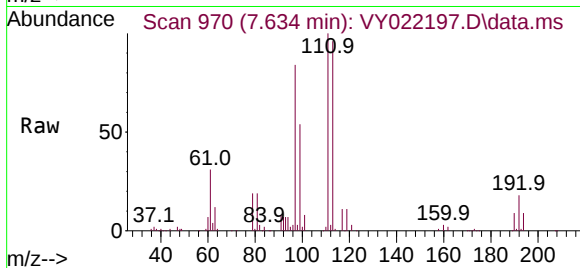




#35
Dibromofluoromethane
Concen: 53.976 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

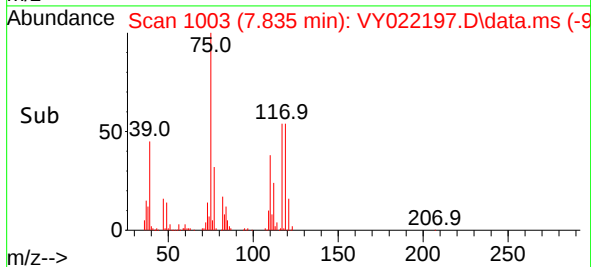
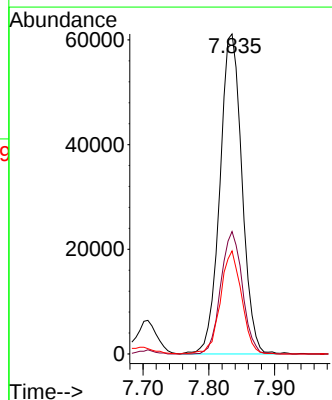
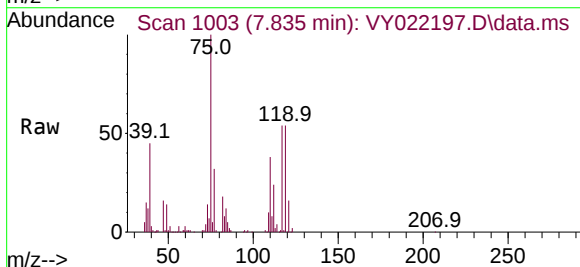
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

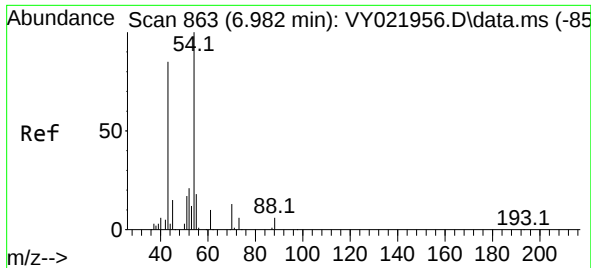
Tgt Ion:113 Resp: 106687
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 53.890 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 75 Resp: 143082
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.3
77 30.9 25.5 38.3

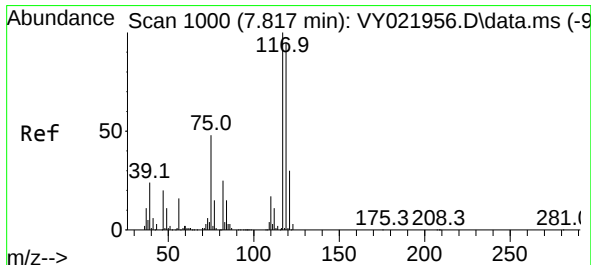
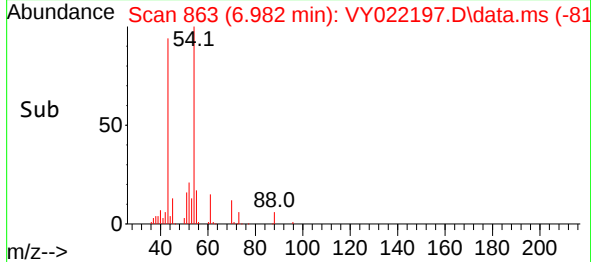
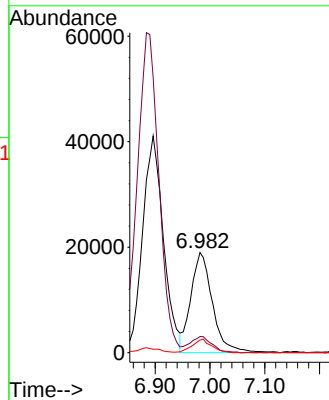
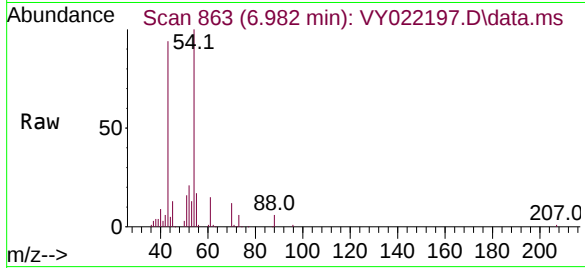




#37
Ethyl Acetate
Concen: 54.752 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

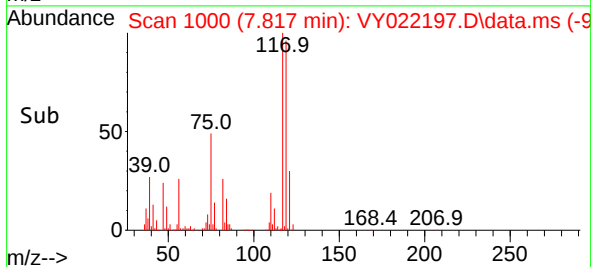
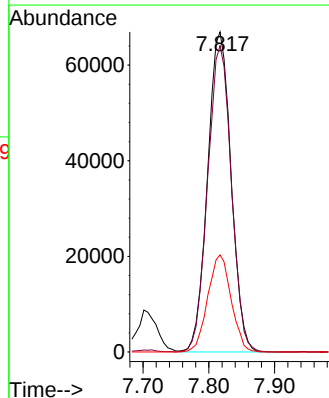
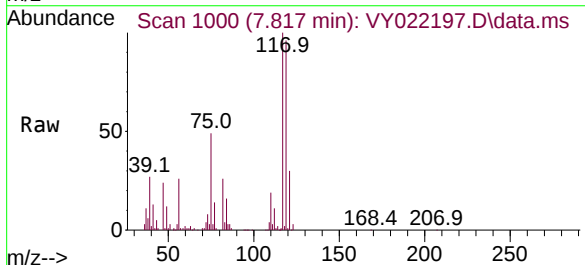
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 52210
Ion Ratio Lower Upper
43 100
61 15.9 13.8 20.6
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.478 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 117 Resp: 166492
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4
121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 50.141 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

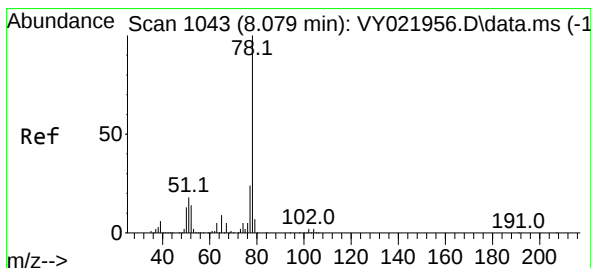
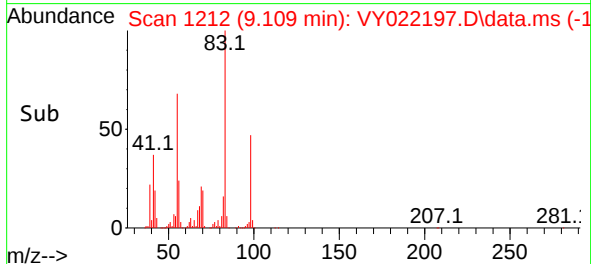
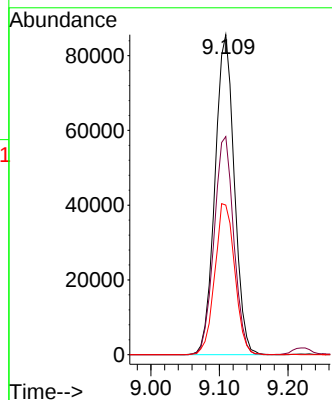
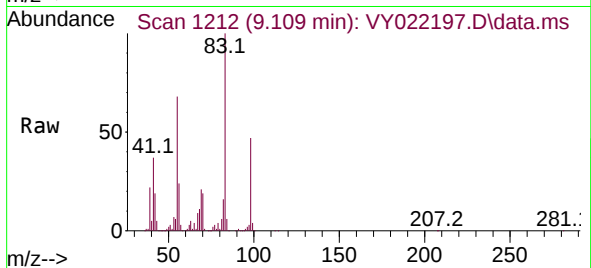
Tgt Ion: 83 Resp: 167535

Ion Ratio Lower Upper

83 100

55 68.2 50.6 75.8

98 46.7 38.6 58.0



#40

Benzene

Concen: 56.303 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022197.D

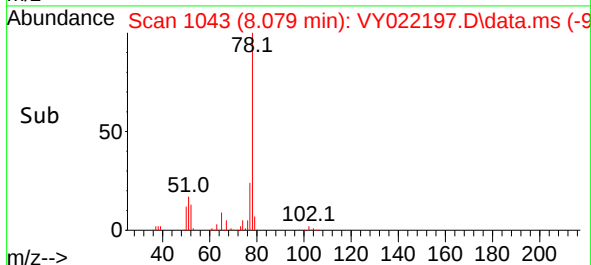
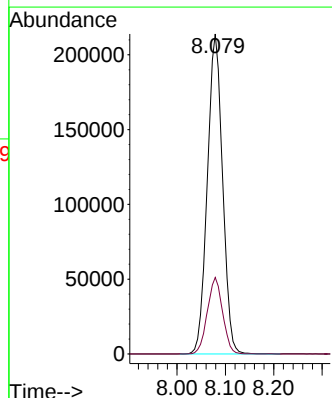
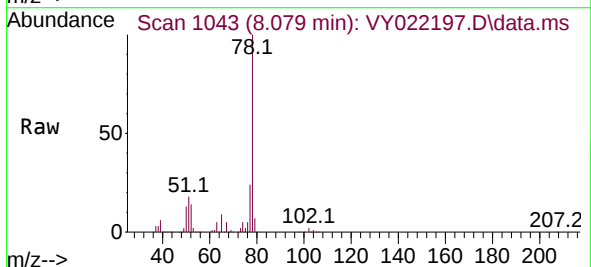
Acq: 07 May 2025 16:52

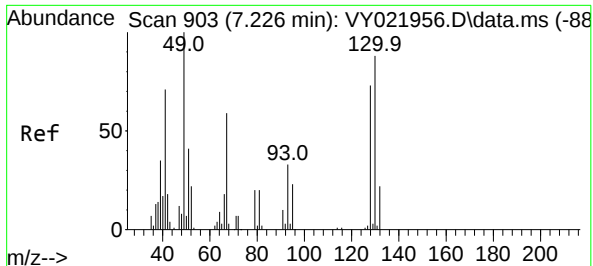
Tgt Ion: 78 Resp: 467290

Ion Ratio Lower Upper

78 100

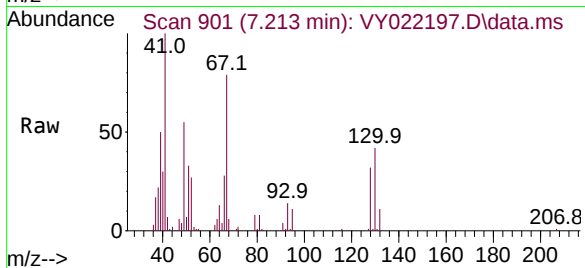
77 23.9 19.3 28.9



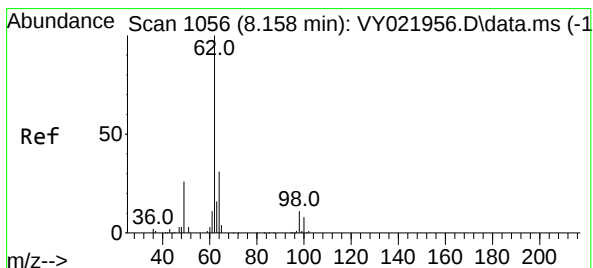
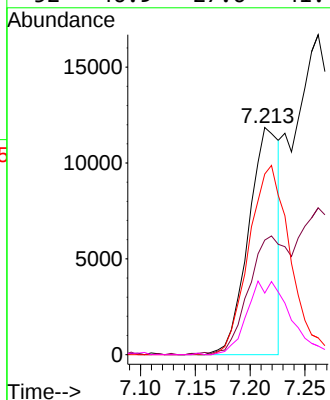
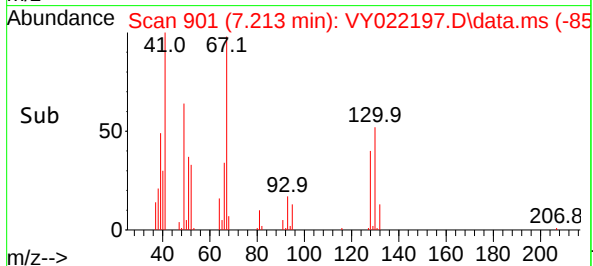


#41
Methacrylonitrile
Concen: 43.862 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

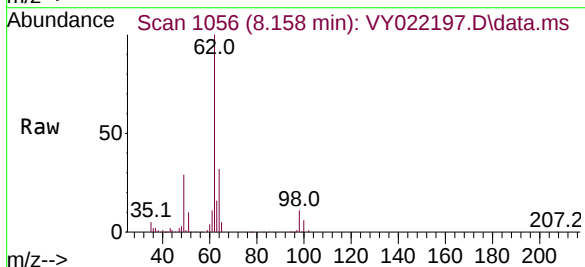
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



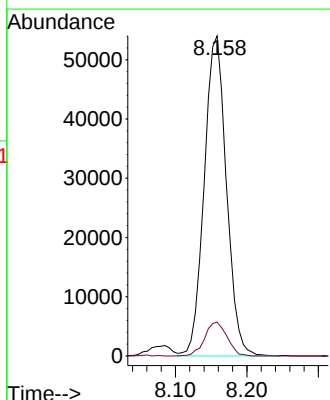
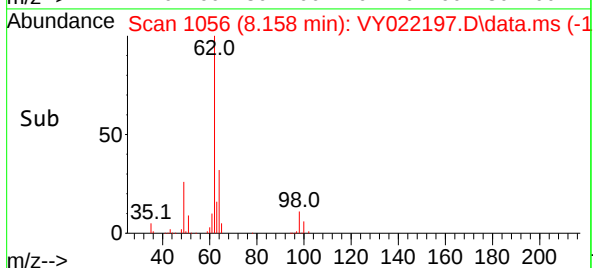
Tgt Ion: 41 Resp: 22864
Ion Ratio Lower Upper
41 100
39 70.0 36.6 55.0#
67 114.4 72.2 108.4#
52 46.9 27.6 41.4#

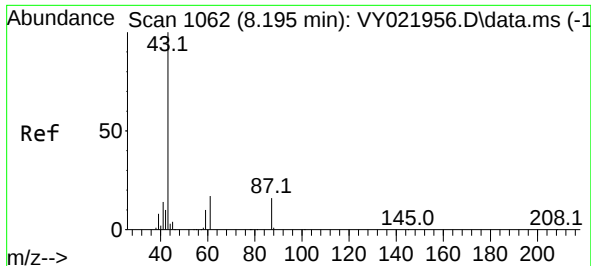


#42
1,2-Dichloroethane
Concen: 56.743 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52



Tgt Ion: 62 Resp: 116599
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

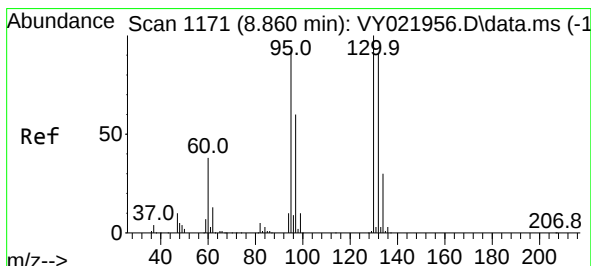
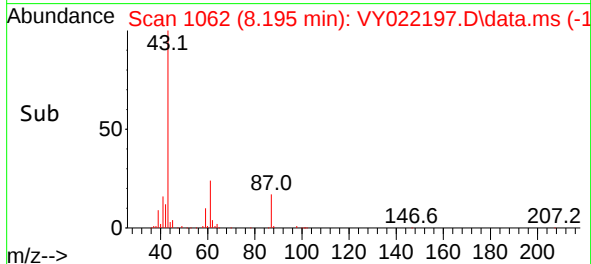
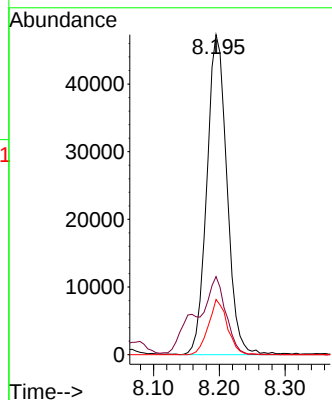
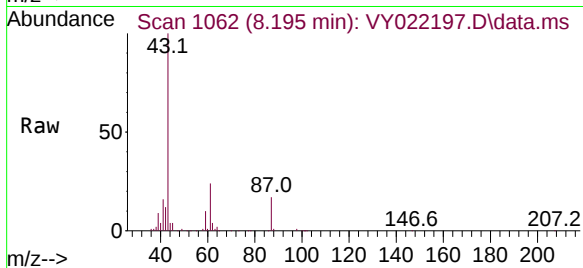




#43
Isopropyl Acetate
Concen: 54.906 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

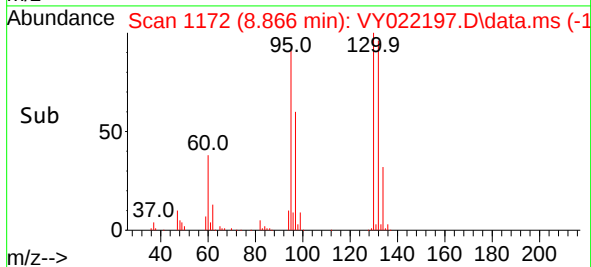
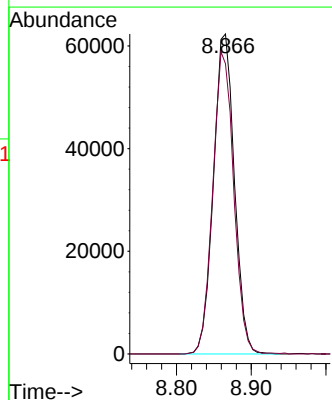
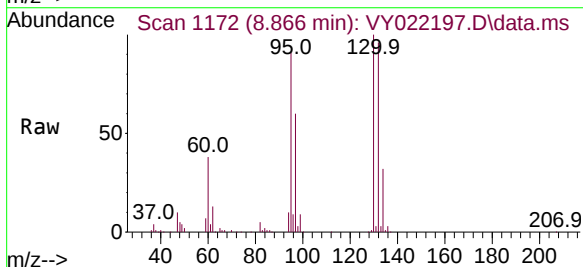
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 100547
Ion Ratio Lower Upper
43 100
61 23.0 18.9 28.3
87 16.2 13.7 20.5



#44
Trichloroethene
Concen: 52.833 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:130 Resp: 121457
Ion Ratio Lower Upper
130 100
95 90.7 0.0 183.2





#45

1,2-Dichloropropane

Concen: 57.991 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

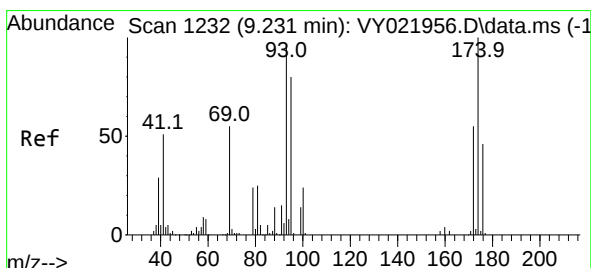
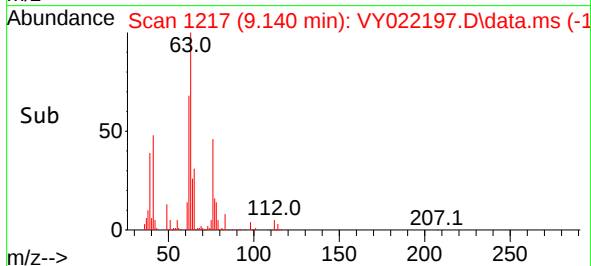
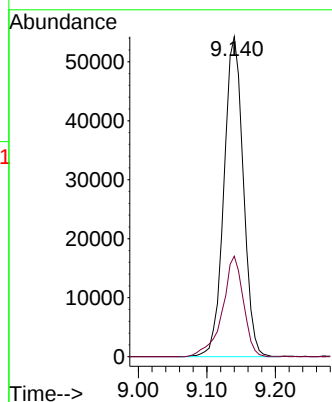
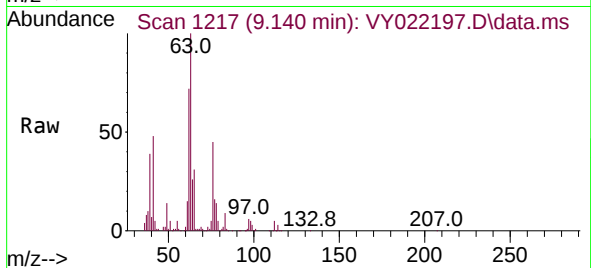
VSTDCCC050EC

Tgt Ion: 63 Resp: 106437

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#46

Dibromomethane

Concen: 55.194 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

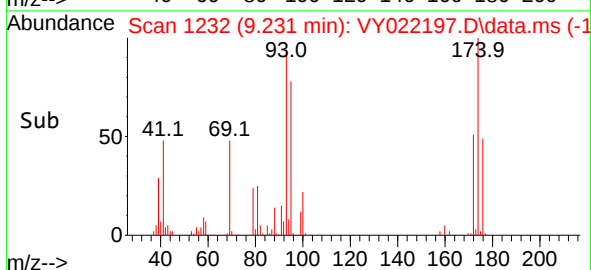
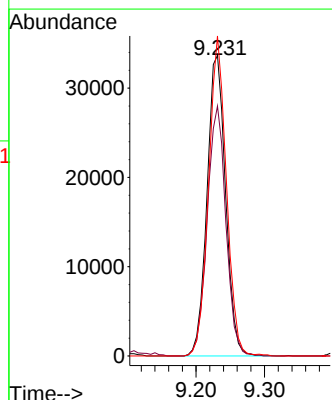
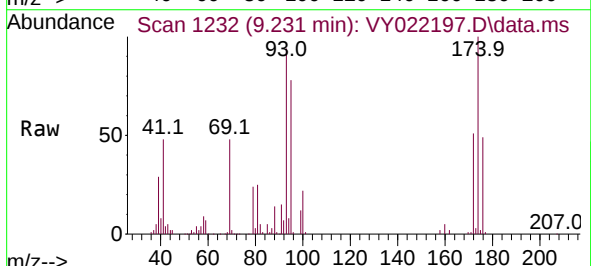
Tgt Ion: 93 Resp: 63415

Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 102.2 84.6 127.0

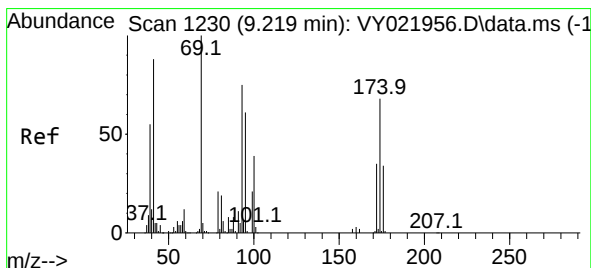
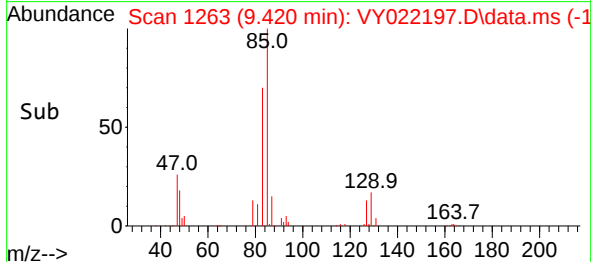
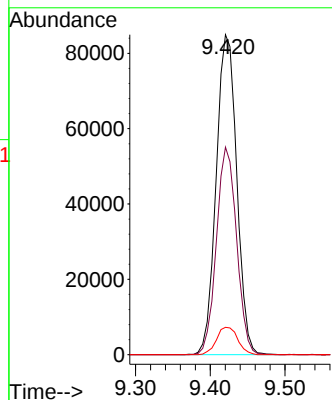
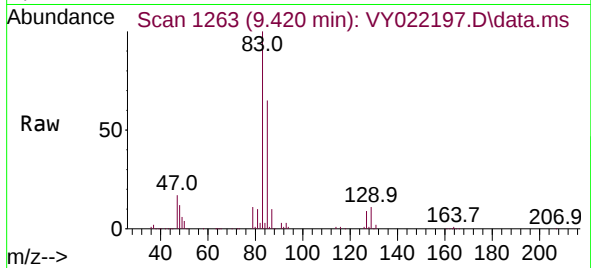




#47
Bromodichloromethane
Concen: 56.712 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

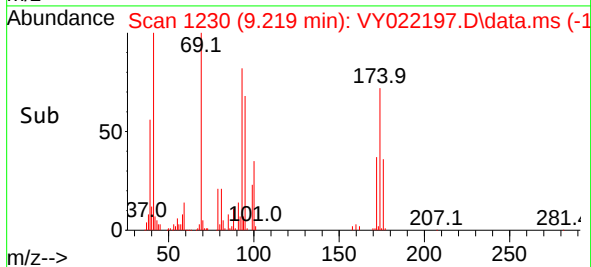
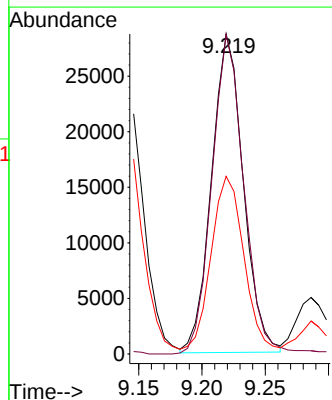
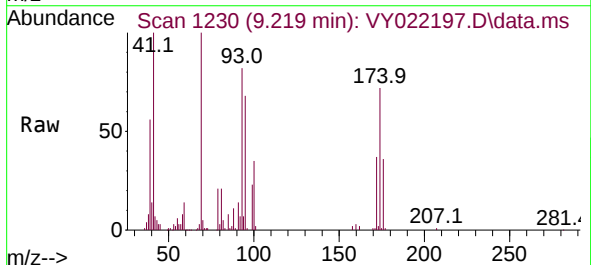
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

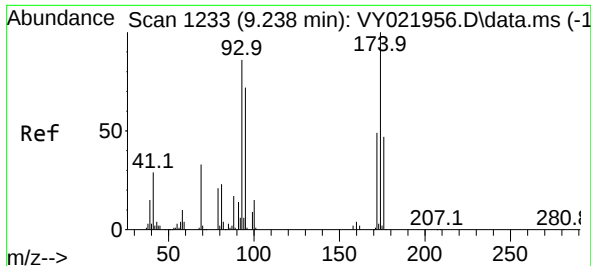
Tgt Ion: 83 Resp: 162778
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 59.127 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 41 Resp: 50054
Ion Ratio Lower Upper
41 100
69 101.5 85.5 128.3
39 58.2 46.2 69.4





#49

1,4-Dioxane

Concen: 1088.193 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

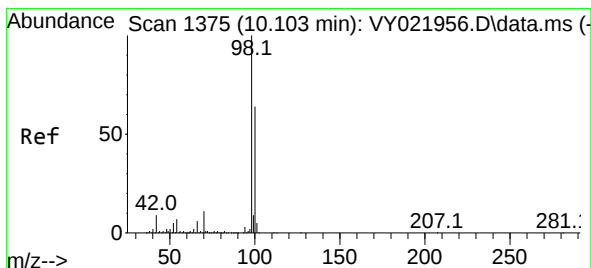
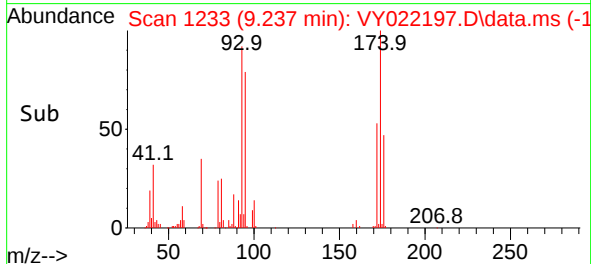
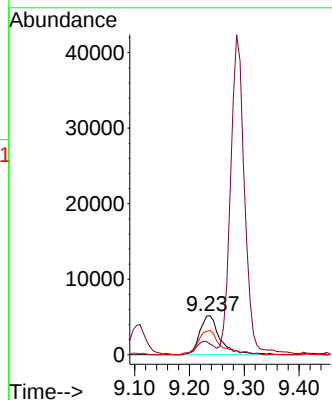
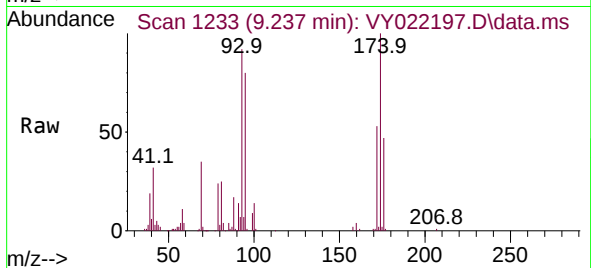
Tgt Ion: 88 Resp: 13326

Ion Ratio Lower Upper

88 100

43 29.3 21.3 31.9

58 68.6 50.5 75.7



#50

Toluene-d8

Concen: 56.358 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022197.D

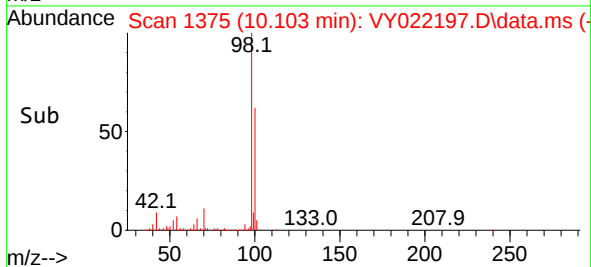
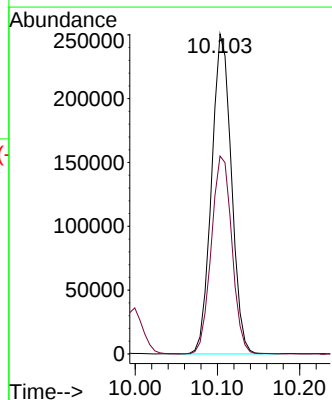
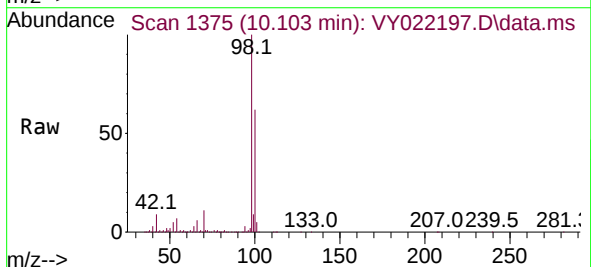
Acq: 07 May 2025 16:52

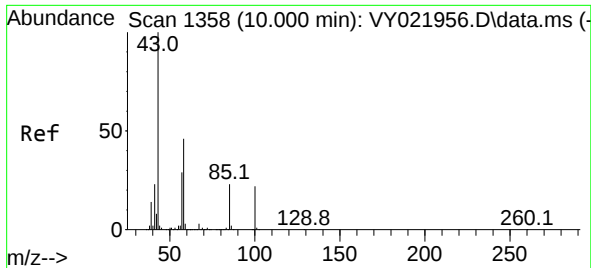
Tgt Ion: 98 Resp: 419957

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4

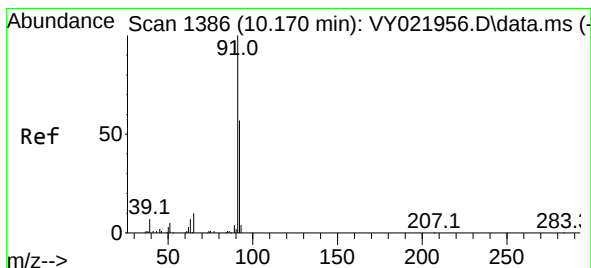
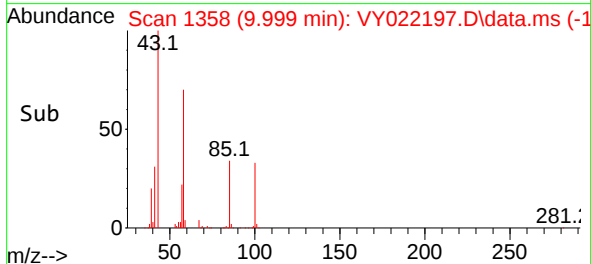
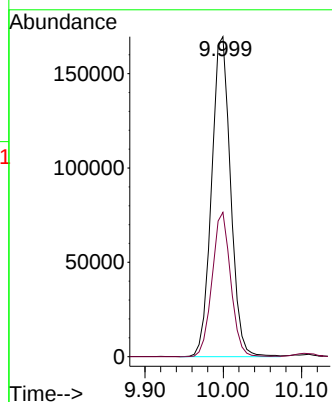
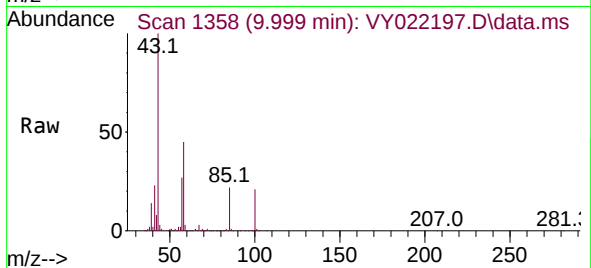




#51
4-Methyl-2-Pentanone
Concen: 297.756 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

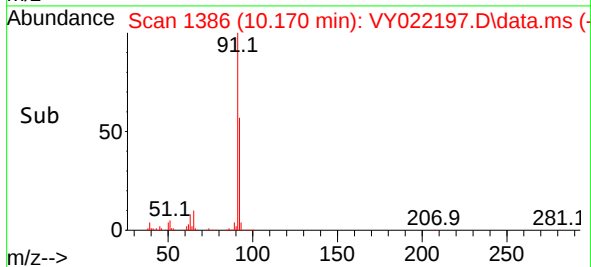
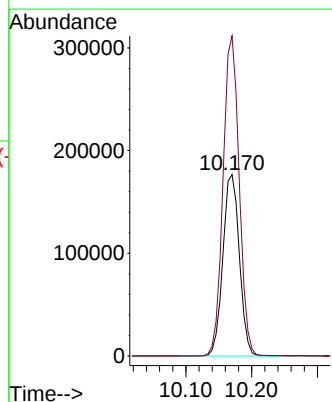
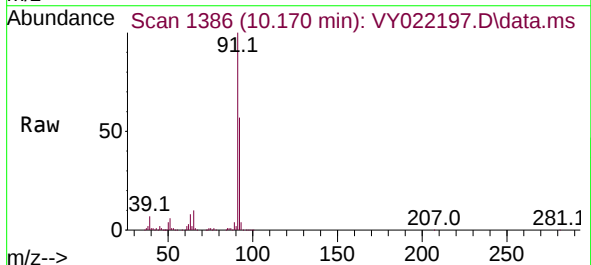
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

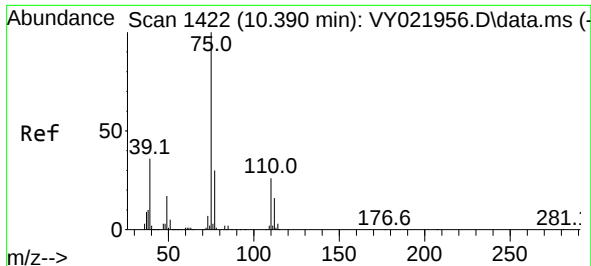
Tgt Ion: 43 Resp: 285835
Ion Ratio Lower Upper
43 100
58 44.1 36.6 55.0



#52
Toluene
Concen: 57.245 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 92 Resp: 307546
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

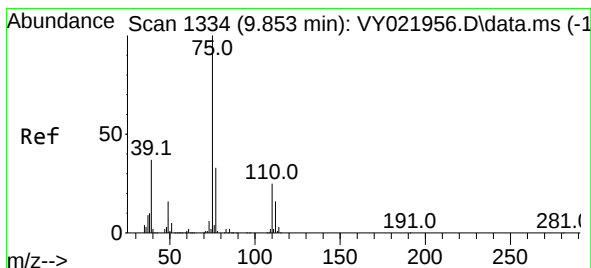
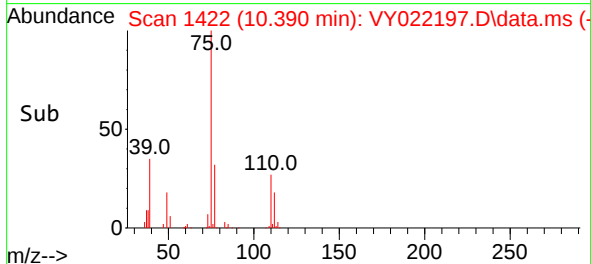
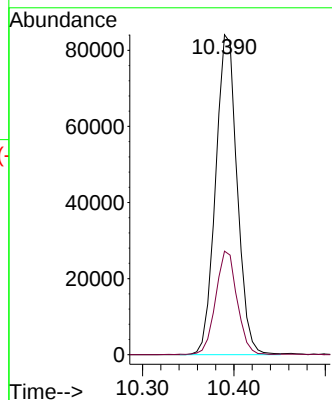
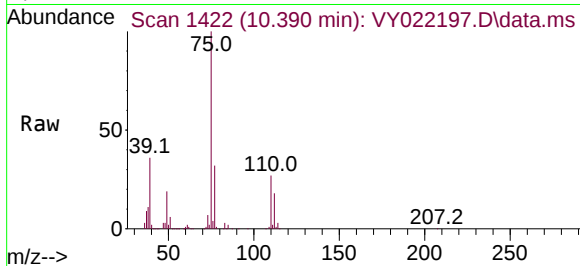




#53
t-1,3-Dichloropropene
Concen: 56.018 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

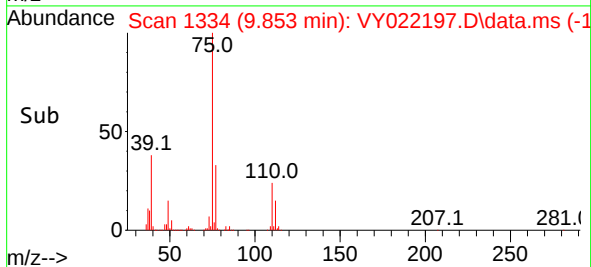
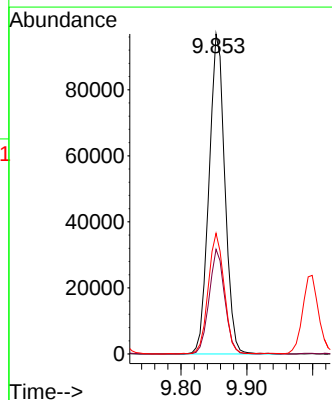
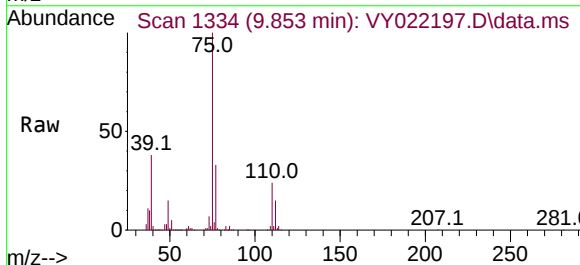
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 137914
Ion Ratio Lower Upper
75 100
77 32.2 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 55.518 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 75 Resp: 162477
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
39 37.6 29.6 44.4

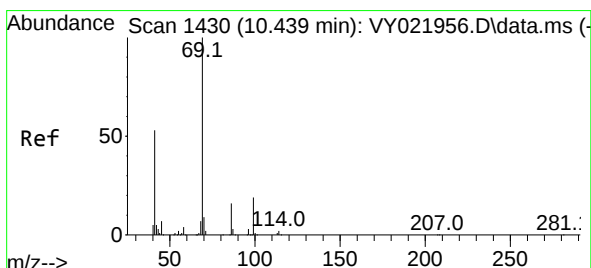
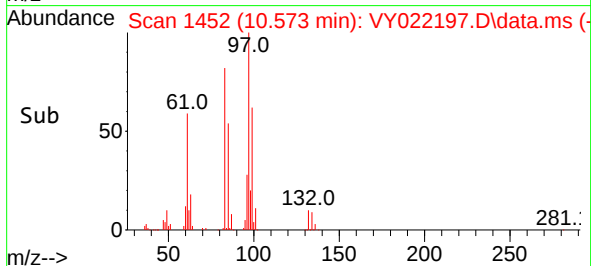
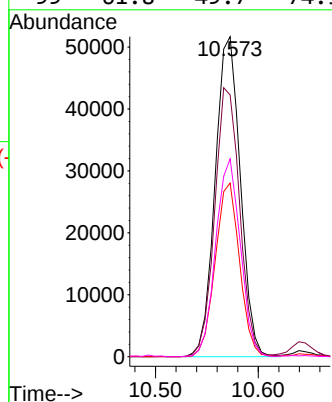
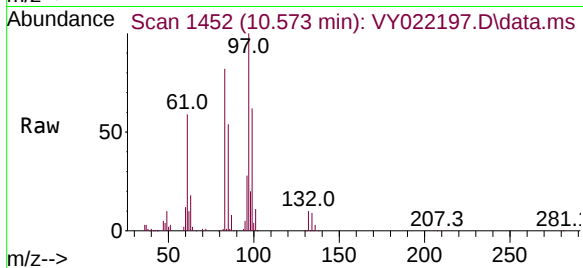




#55
1,1,2-Trichloroethane
Concen: 57.332 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

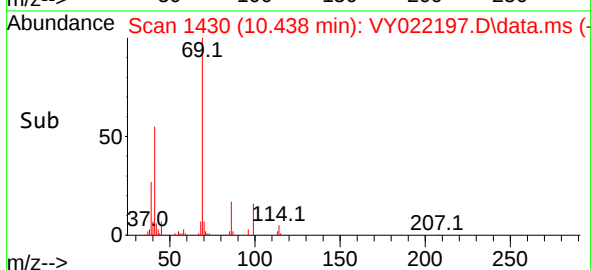
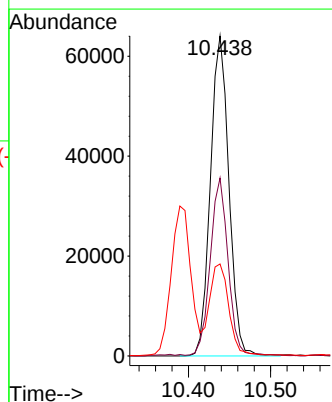
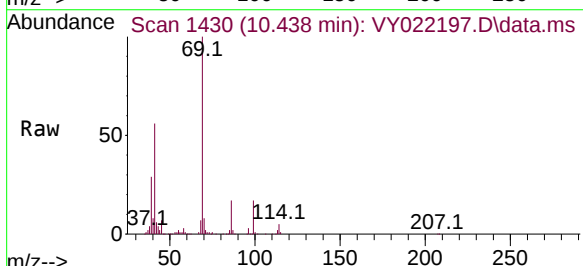
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

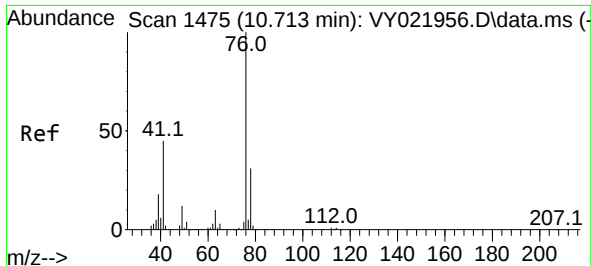
Tgt Ion:	97	Resp:	87989
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.7	100.1
85	54.2	42.6	64.0
99	61.8	49.7	74.5



#56
Ethyl methacrylate
Concen: 57.020 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:	69	Resp:	100073
Ion	Ratio	Lower	Upper
69	100		
41	54.3	40.7	61.1
39	30.5	23.3	34.9





#57

1,3-Dichloropropane

Concen: 56.535 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

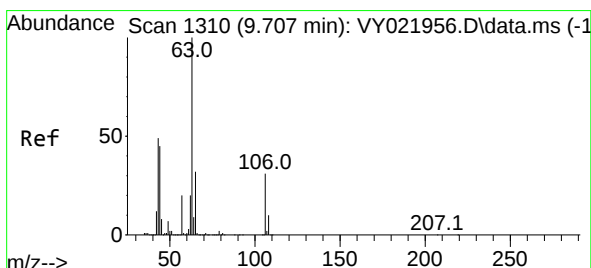
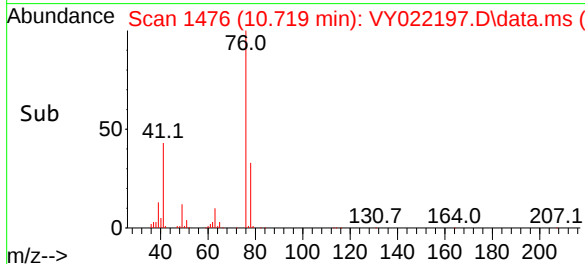
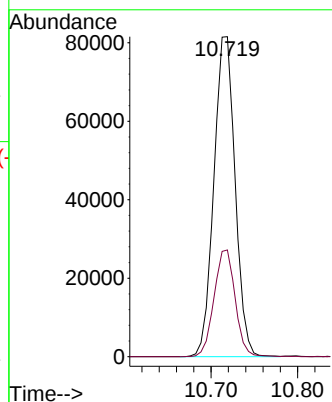
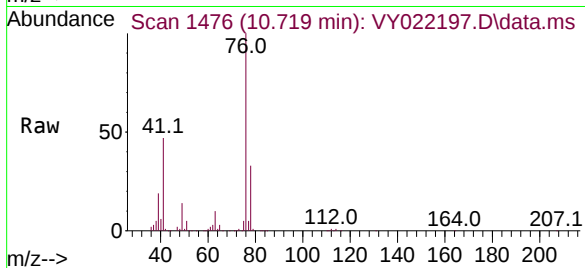
VSTDCCC050EC

Tgt Ion: 76 Resp: 139099

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 287.742 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022197.D

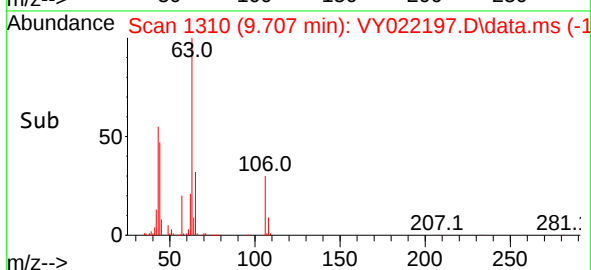
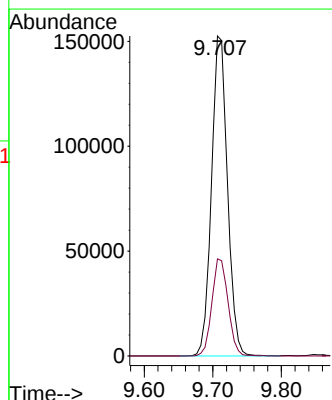
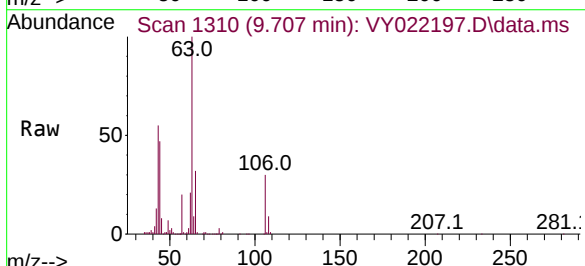
Acq: 07 May 2025 16:52

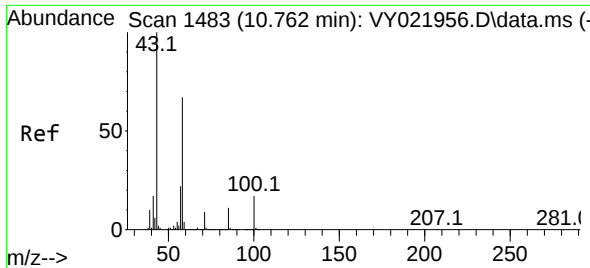
Tgt Ion: 63 Resp: 246914

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

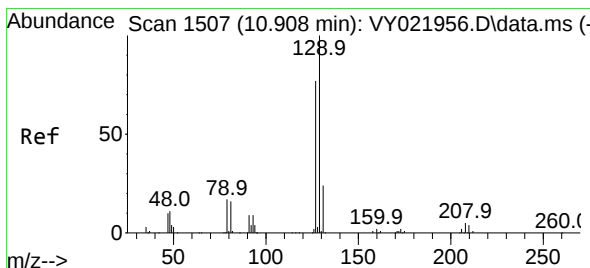
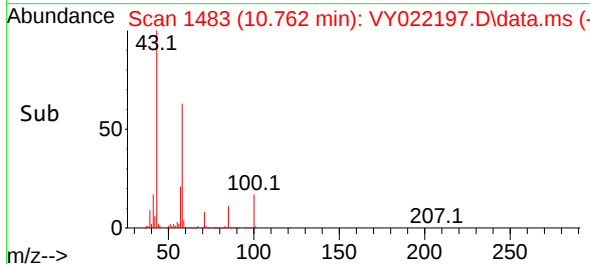
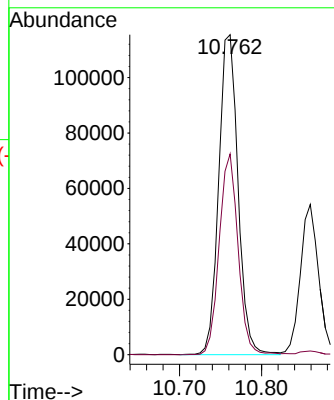
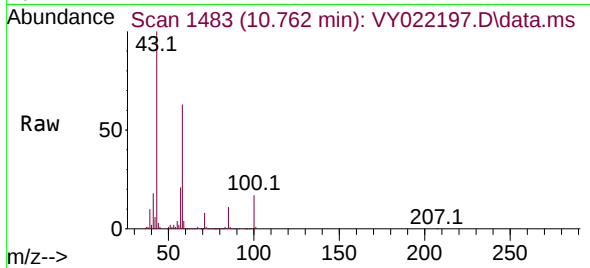




#59
2-Hexanone
Concen: 297.995 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

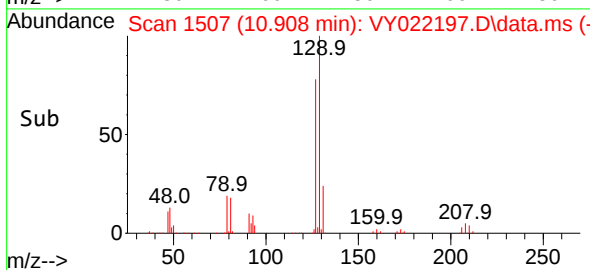
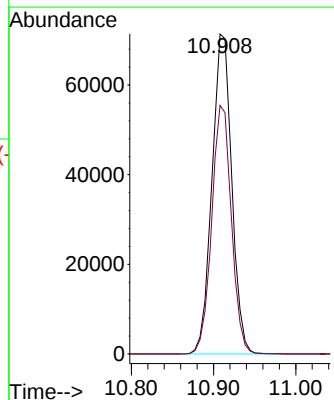
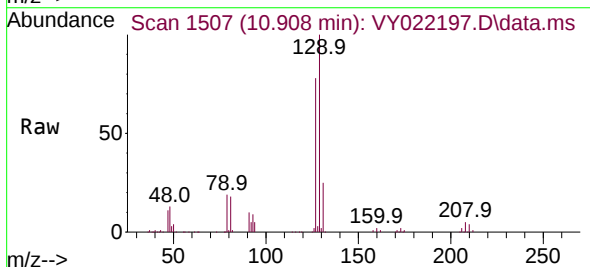
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

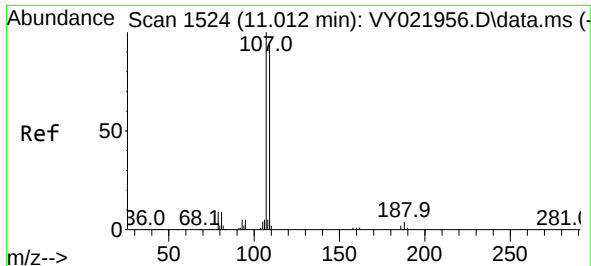
Tgt Ion: 43 Resp: 188683
Ion Ratio Lower Upper
43 100
58 61.3 32.0 96.0



#60
Dibromochloromethane
Concen: 56.180 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:129 Resp: 119372
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

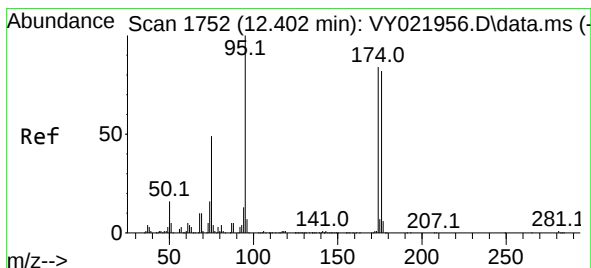
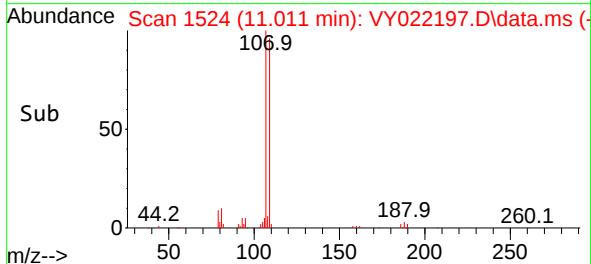
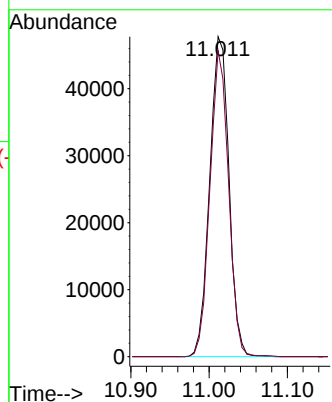
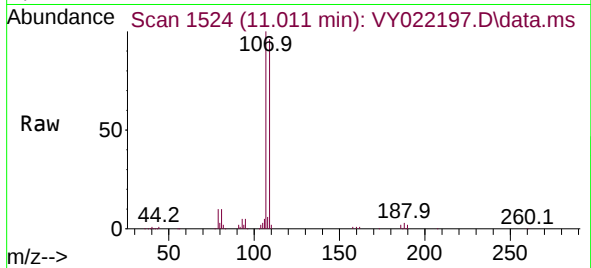




#61
1,2-Dibromoethane
Concen: 56.210 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

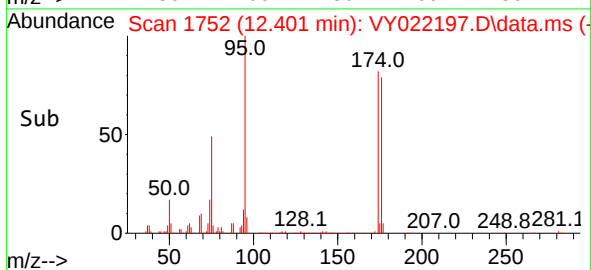
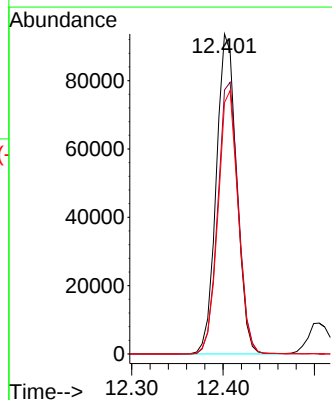
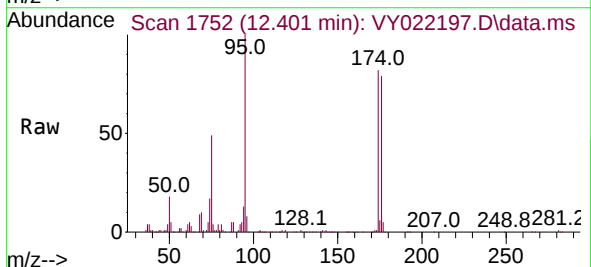
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

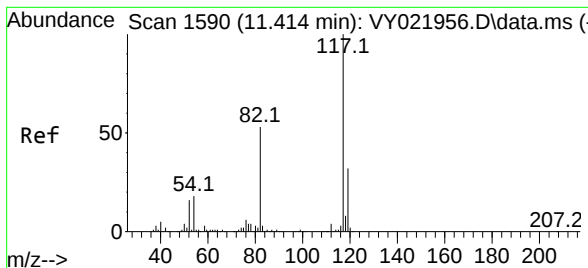
Tgt Ion:107 Resp: 81442
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 57.713 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 95 Resp: 144776
Ion Ratio Lower Upper
95 100
174 85.7 0.0 179.0
176 81.8 0.0 171.8

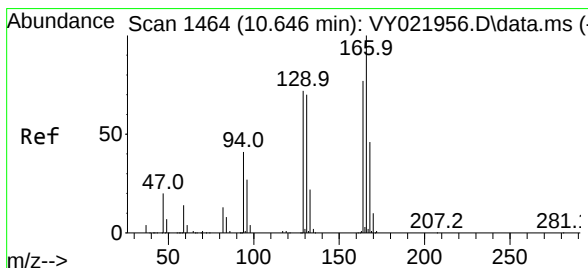
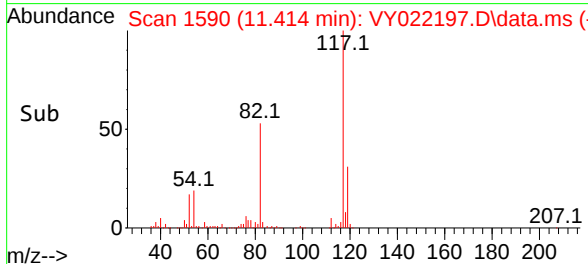
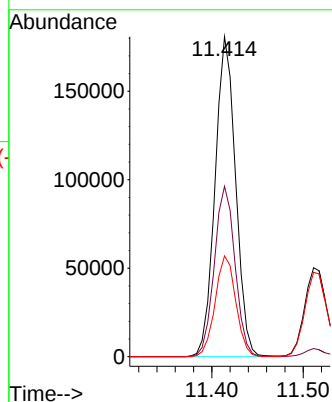
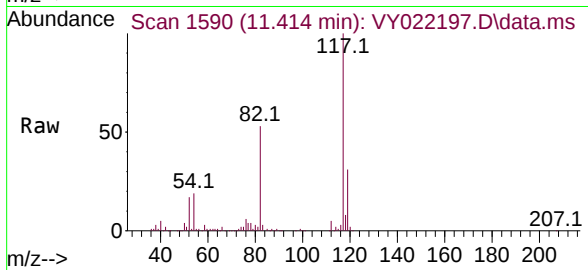




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

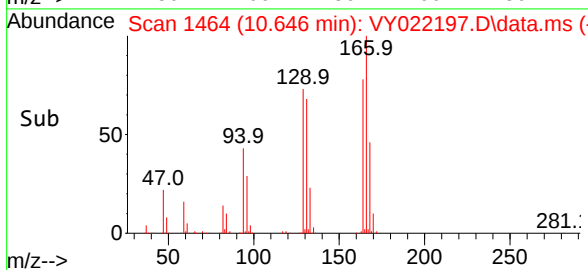
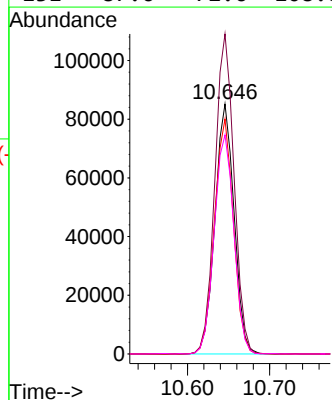
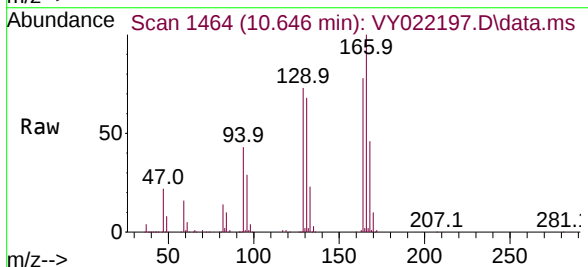
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 282840
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 51.677 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:164 Resp: 137886
Ion Ratio Lower Upper
164 100
166 128.0 103.6 155.4
129 94.0 74.2 111.4
131 87.6 72.6 108.8

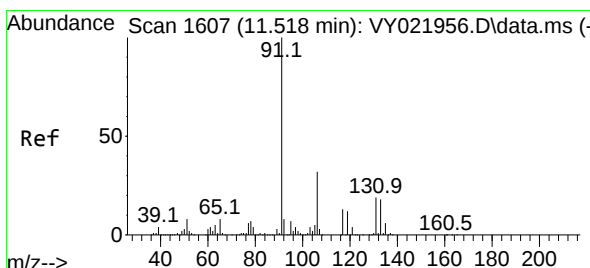
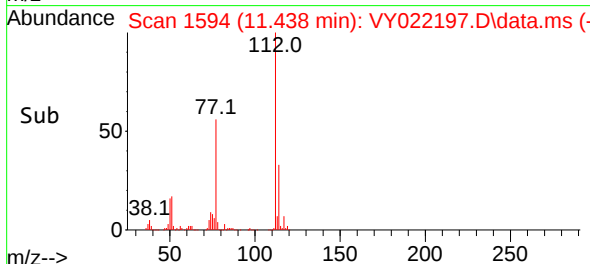
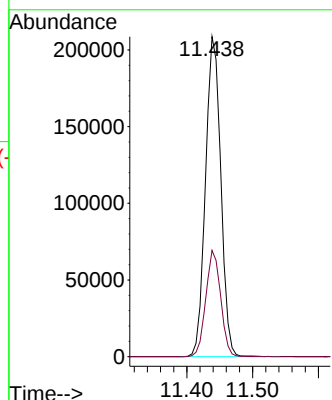
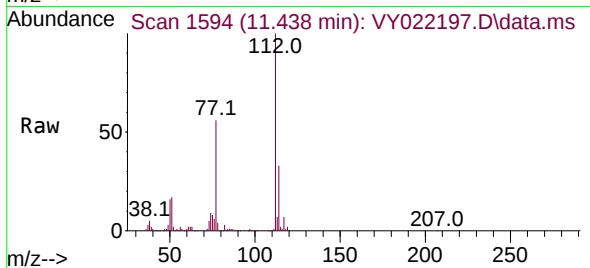




#65
Chlorobenzene
Concen: 53.458 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

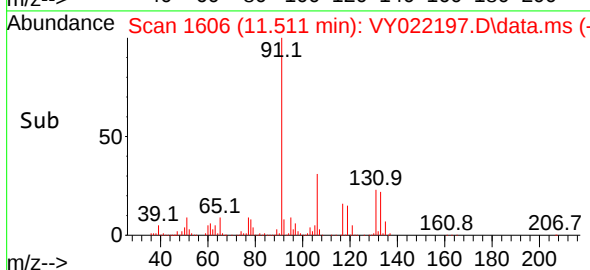
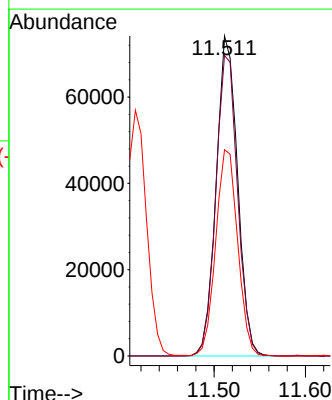
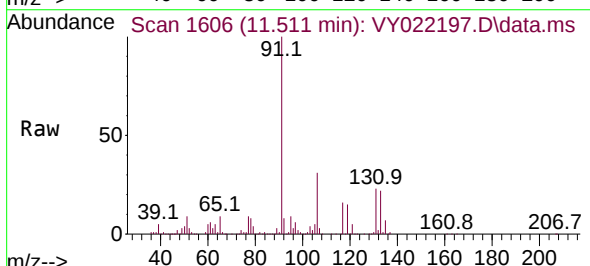
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

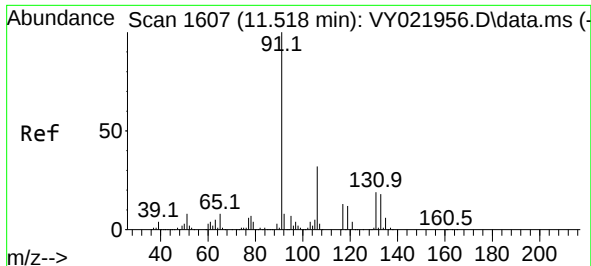
Tgt Ion:112 Resp: 338124
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.185 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:131 Resp: 120658
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 66.2 32.4 97.0





#67

Ethyl Benzene

Concen: 56.015 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

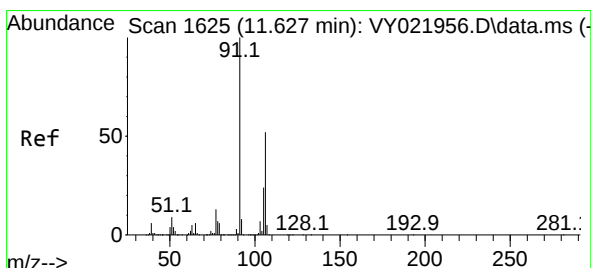
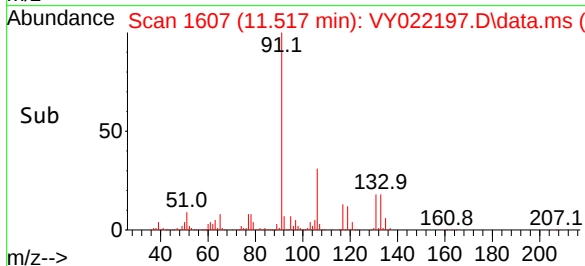
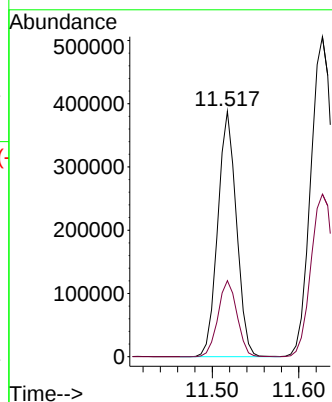
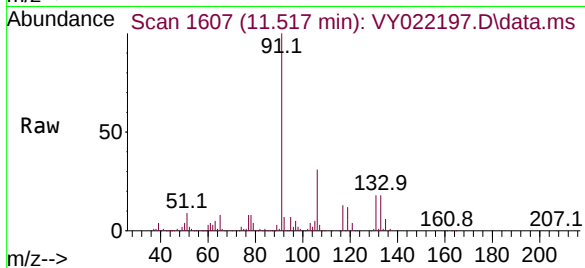
VSTDCCC050EC

Tgt Ion: 91 Resp: 579567

Ion Ratio Lower Upper

91 100

106 31.0 25.9 38.9



#68

m/p-Xylenes

Concen: 113.339 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022197.D

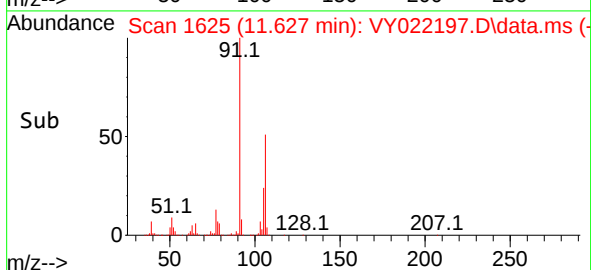
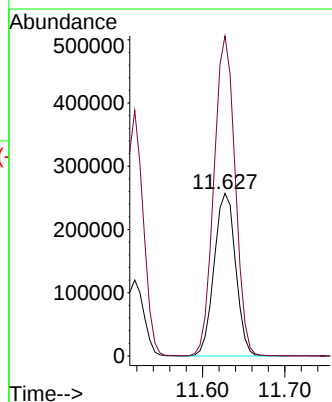
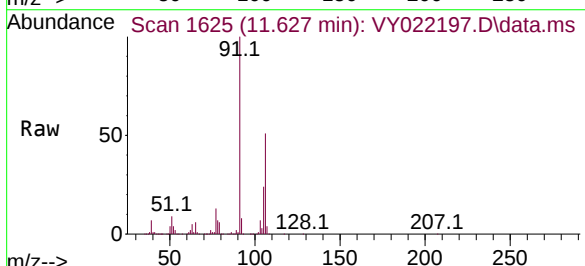
Acq: 07 May 2025 16:52

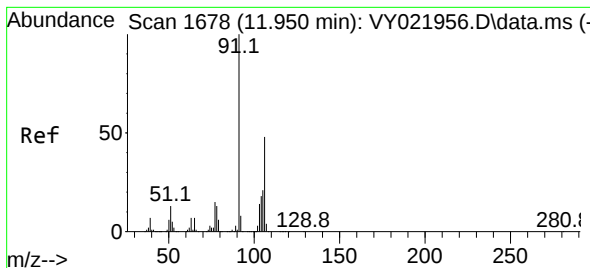
Tgt Ion: 106 Resp: 466639

Ion Ratio Lower Upper

106 100

91 194.7 156.2 234.2

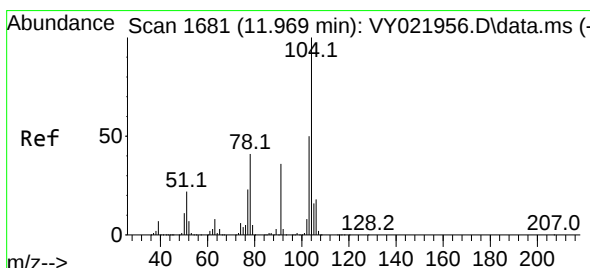
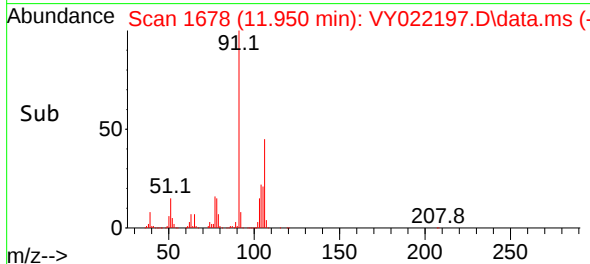
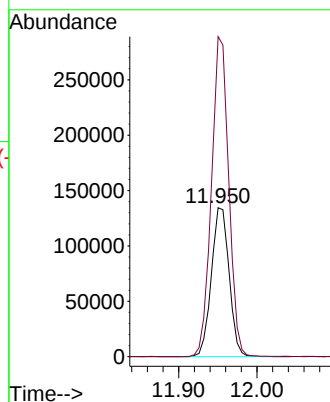
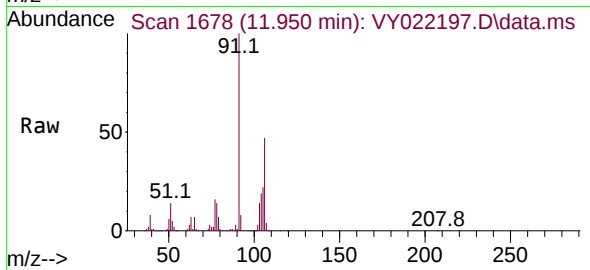




#69
o-Xylene
Concen: 55.644 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

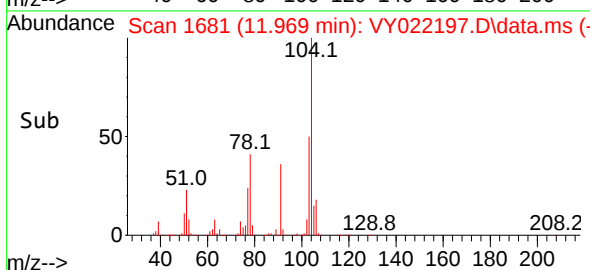
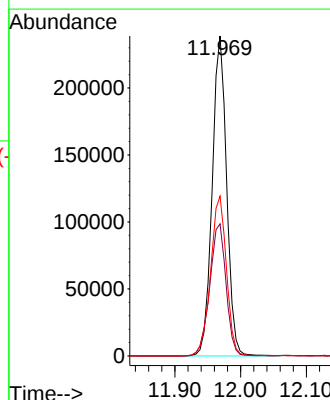
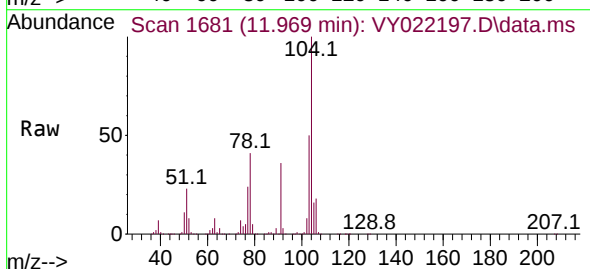
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

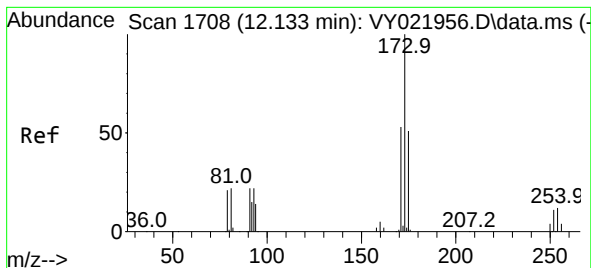
Tgt Ion:106 Resp: 211154
Ion Ratio Lower Upper
106 100
91 209.8 103.0 308.9



#70
Styrene
Concen: 57.351 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:104 Resp: 365411
Ion Ratio Lower Upper
104 100
78 46.5 36.6 54.8
103 54.8 43.8 65.8





#71

Bromoform

Concen: 53.134 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

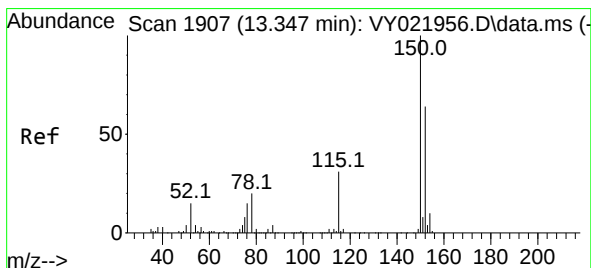
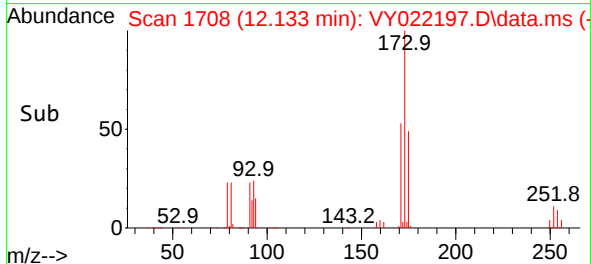
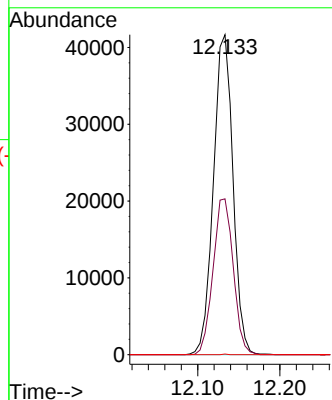
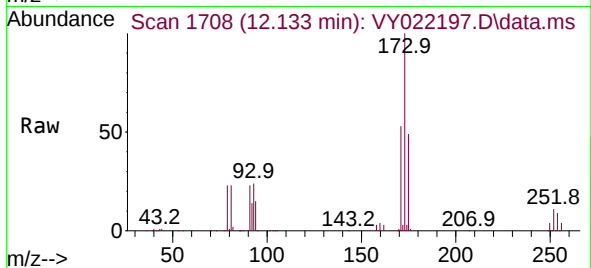
Tgt Ion:173 Resp: 68789

Ion Ratio Lower Upper

173 100

175 50.3 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: VY022197.D

Acq: 07 May 2025 16:52

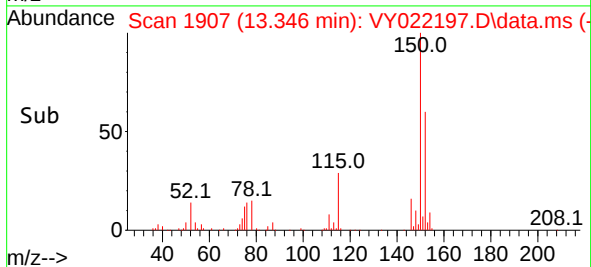
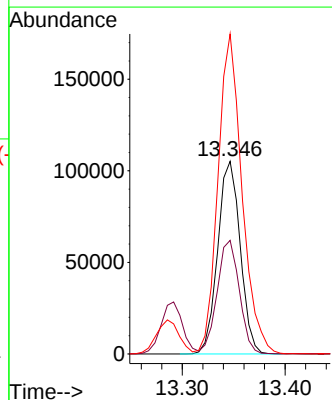
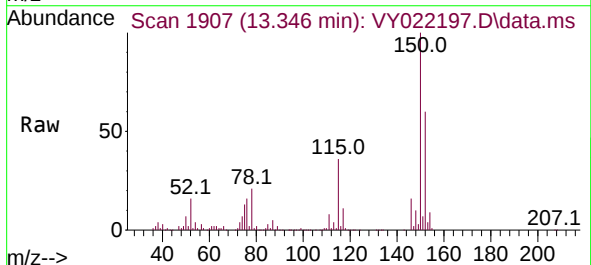
Tgt Ion:152 Resp: 159647

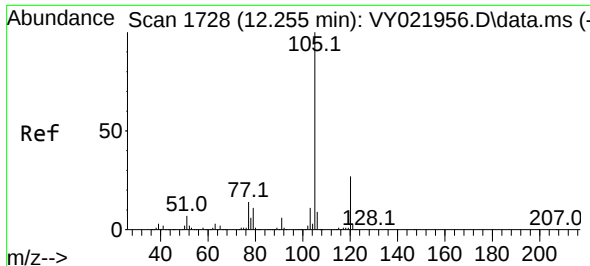
Ion Ratio Lower Upper

152 100

115 58.0 28.0 84.0

150 177.4 0.0 345.6

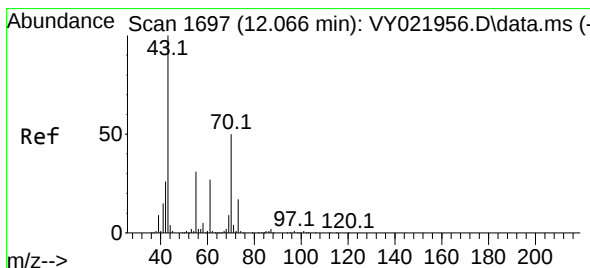
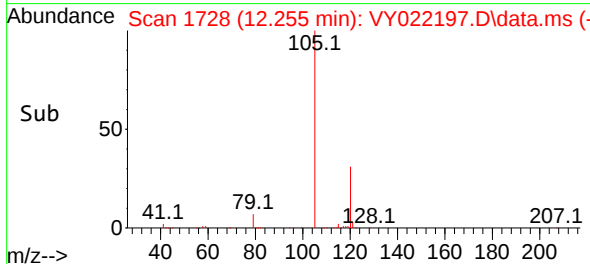
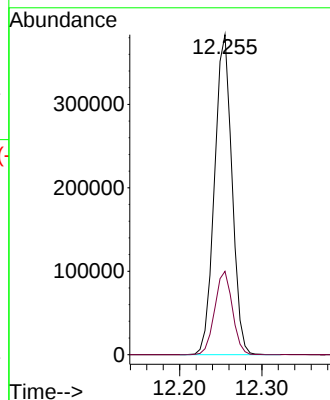
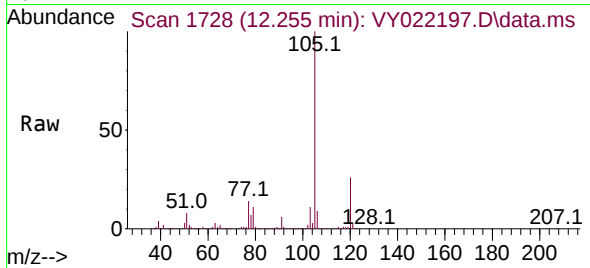




#73
Isopropylbenzene
Concen: 52.927 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

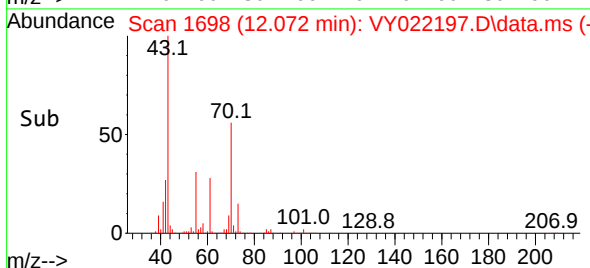
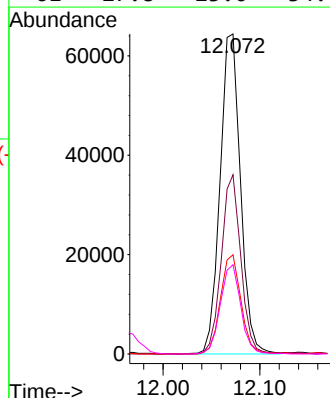
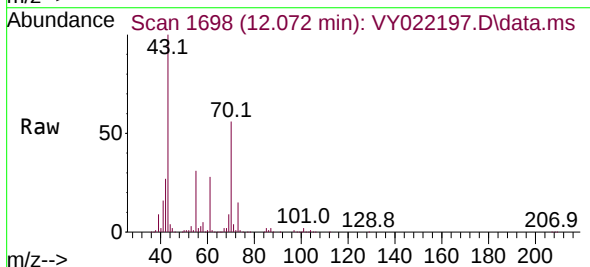
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

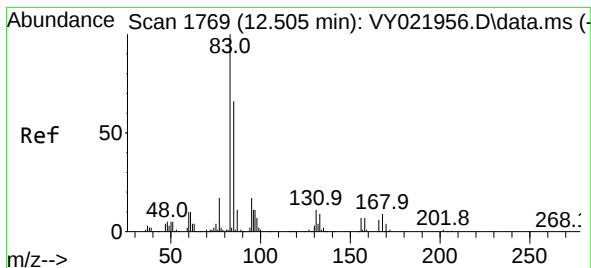
Tgt Ion:105 Resp: 564522
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5



#74
N-ethyl acetate
Concen: 51.581 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 43 Resp: 94525
Ion Ratio Lower Upper
43 100
70 53.4 43.2 64.8
55 31.3 25.7 38.5
61 27.8 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.189 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

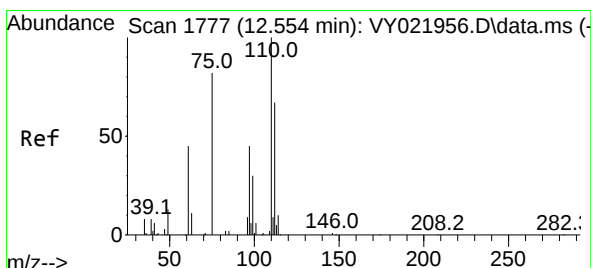
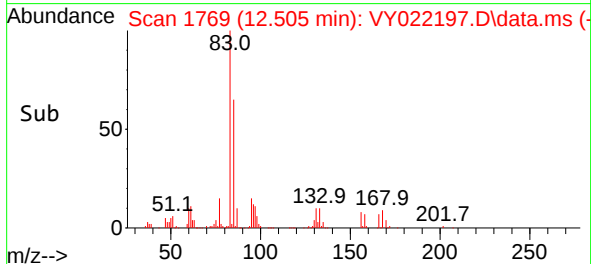
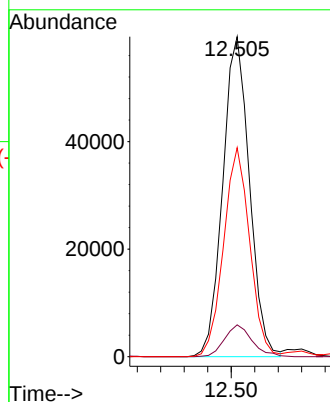
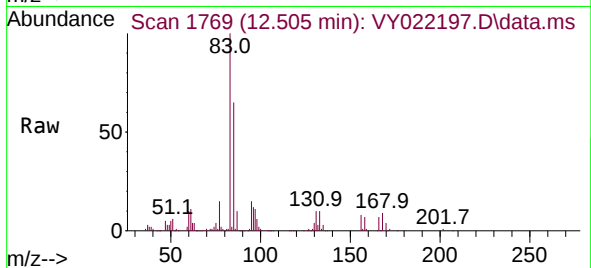
Tgt Ion: 83 Resp: 93850

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

85 64.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 91.378 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022197.D

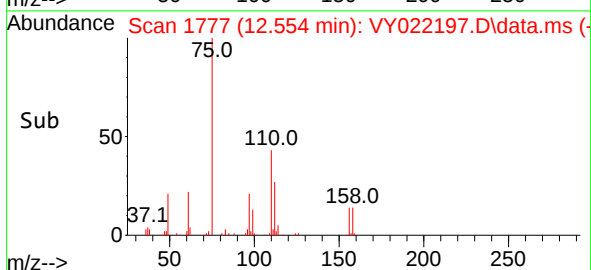
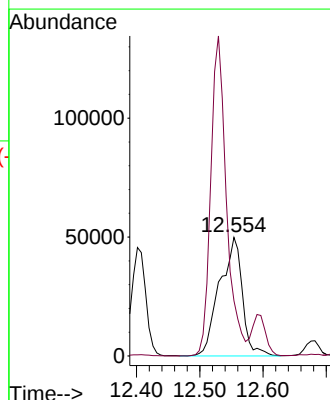
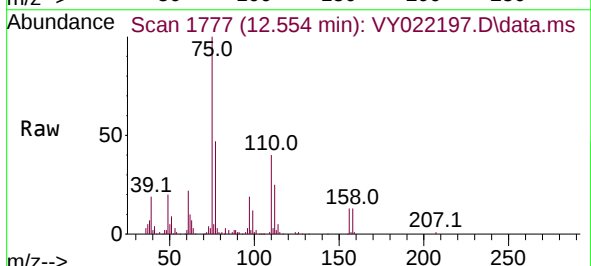
Acq: 07 May 2025 16:52

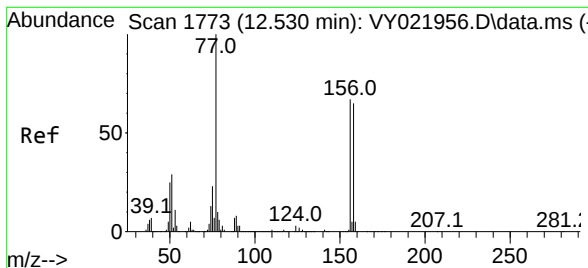
Tgt Ion: 75 Resp: 124956

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

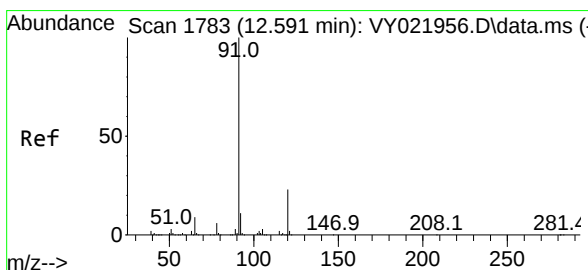
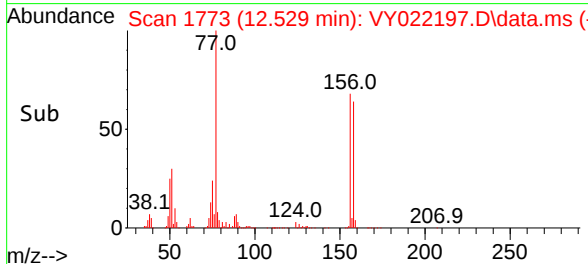
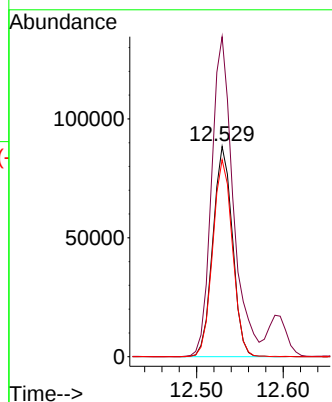
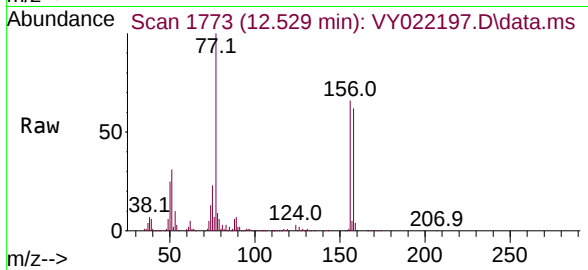




#77
Bromobenzene
Concen: 51.415 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

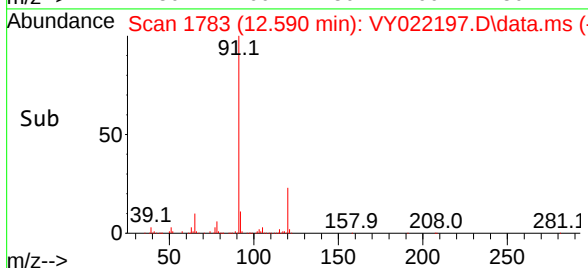
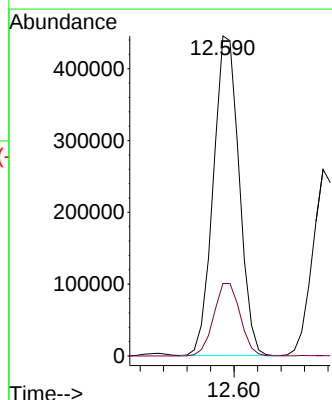
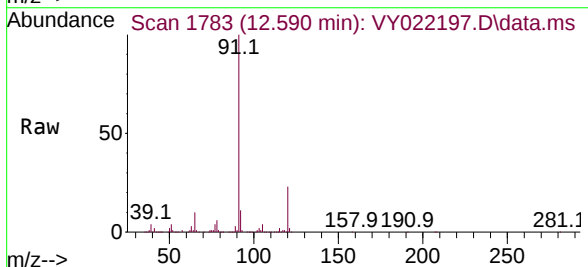
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

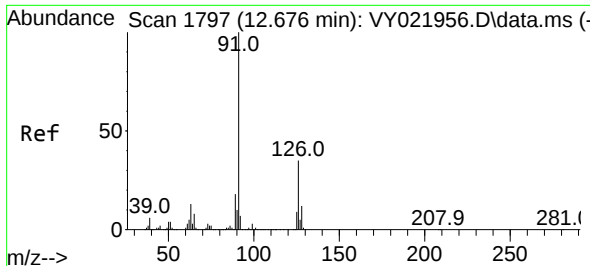
Tgt Ion:156 Resp: 138573
Ion Ratio Lower Upper
156 100
77 168.1 82.7 248.1
158 94.9 48.1 144.4



#78
n-propylbenzene
Concen: 53.397 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 91 Resp: 678253
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

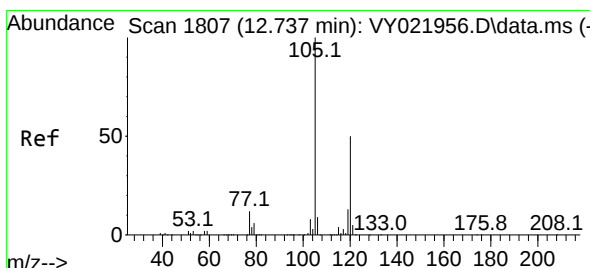
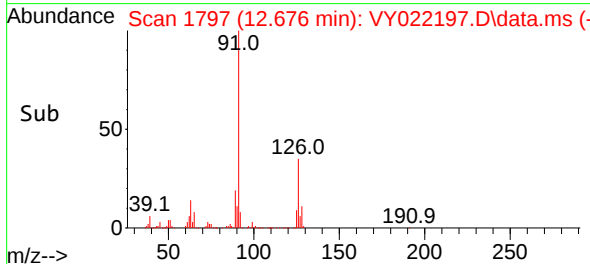
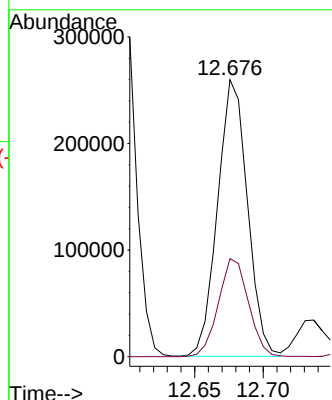
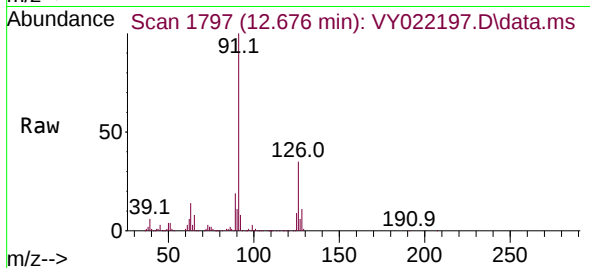




#79
2-Chlorotoluene
Concen: 53.275 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

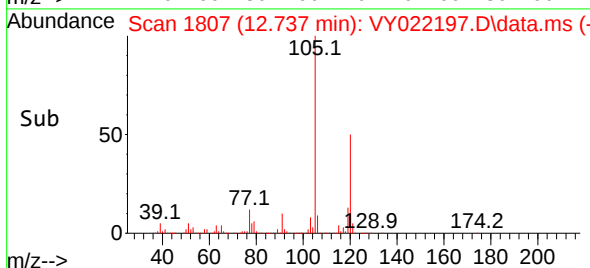
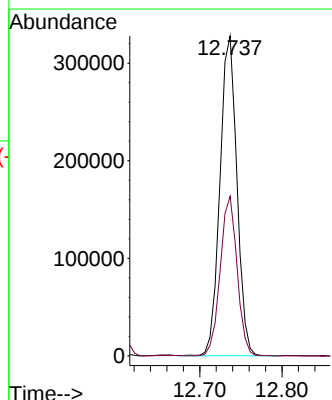
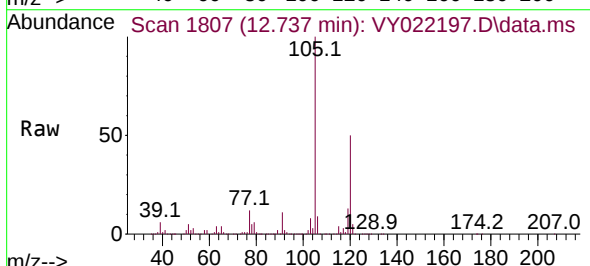
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

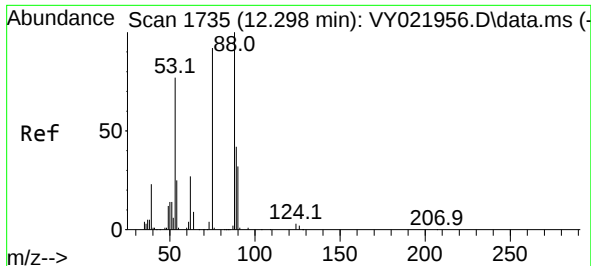
Tgt Ion: 91 Resp: 393545
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 53.478 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 105 Resp: 469979
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0

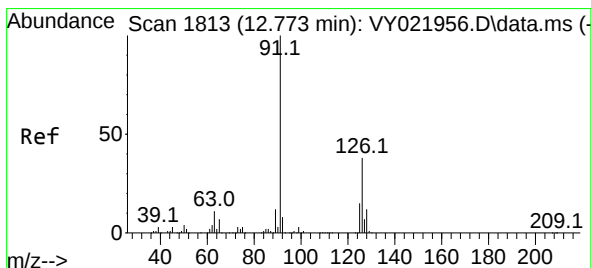
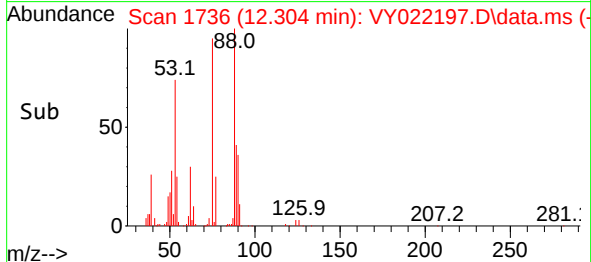
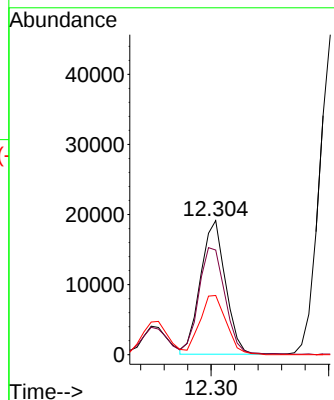
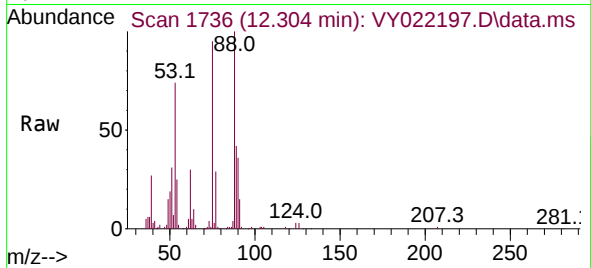




#81
trans-1,4-Dichloro-2-butene
Concen: 49.563 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

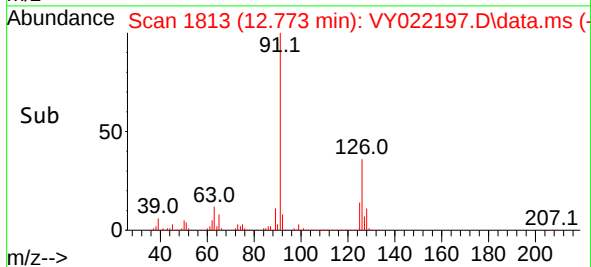
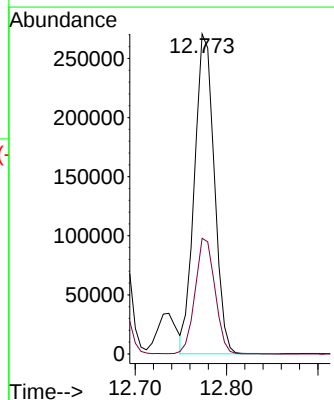
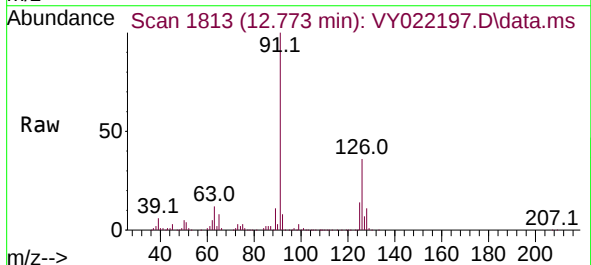
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

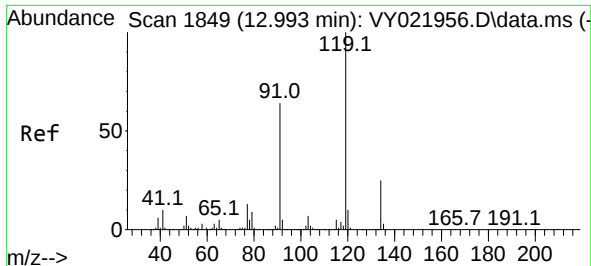
Tgt Ion: 75 Resp: 28144
Ion Ratio Lower Upper
75 100
53 85.6 66.0 99.0
89 46.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.156 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 91 Resp: 408187
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8

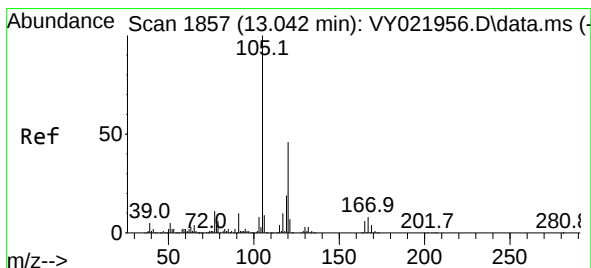
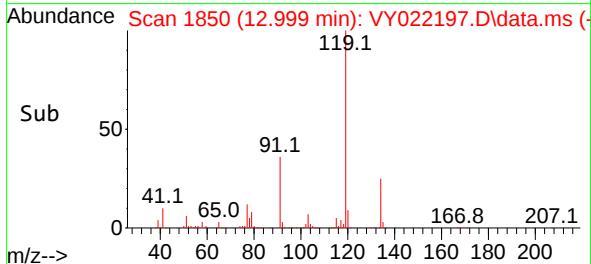
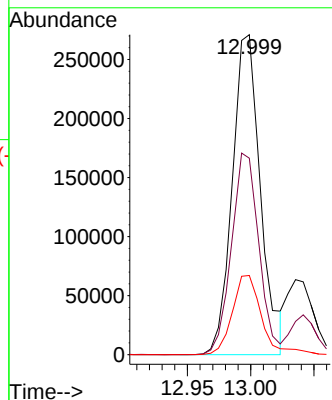
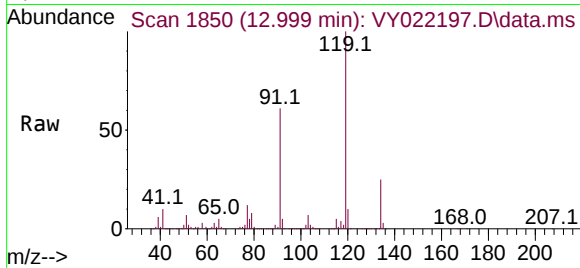




#83
tert-Butylbenzene
Concen: 53.318 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

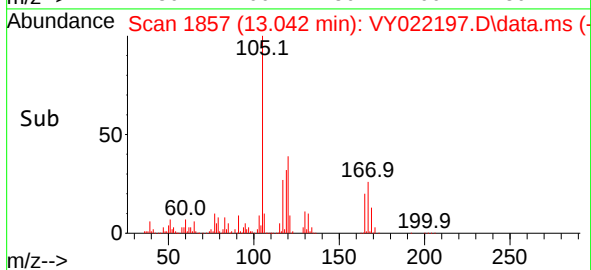
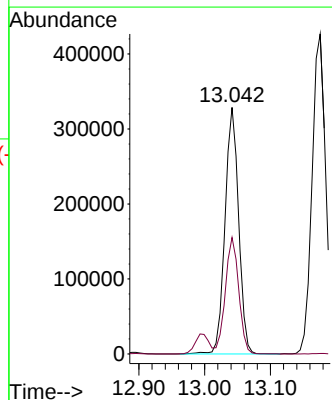
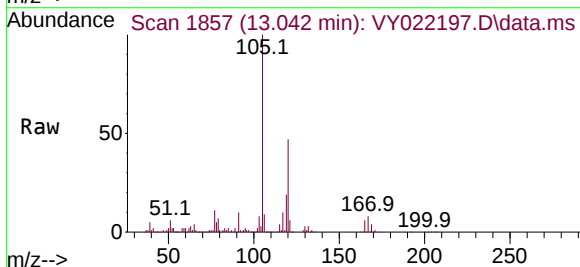
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

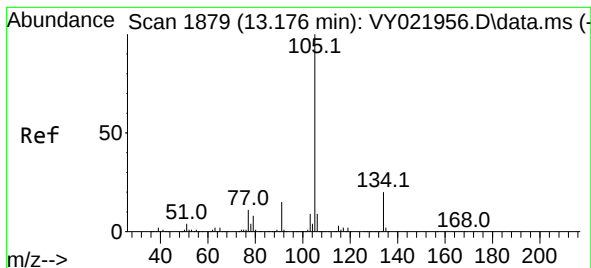
Tgt Ion:119 Resp: 420240
Ion Ratio Lower Upper
119 100
91 61.4 30.3 90.9
134 25.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 53.929 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:105 Resp: 474051
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.379 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

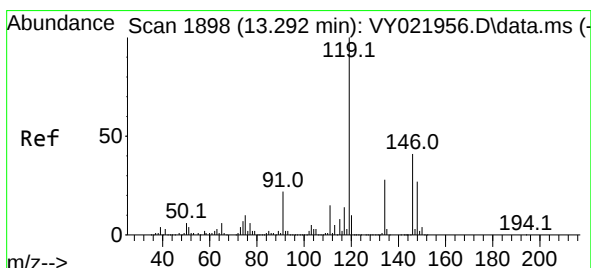
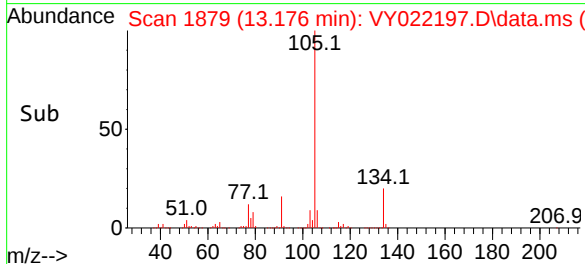
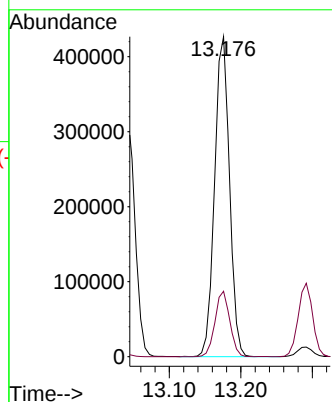
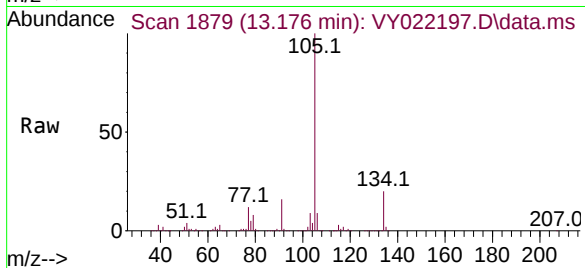
VSTDCCC050EC

Tgt Ion:105 Resp: 615640

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 52.877 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

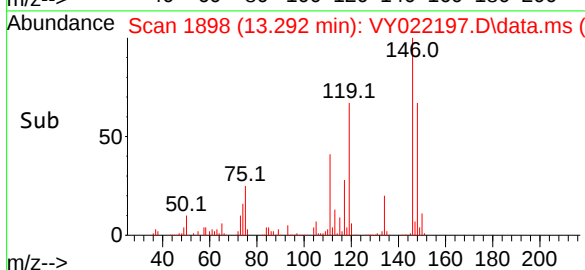
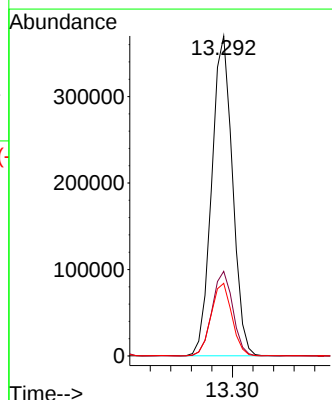
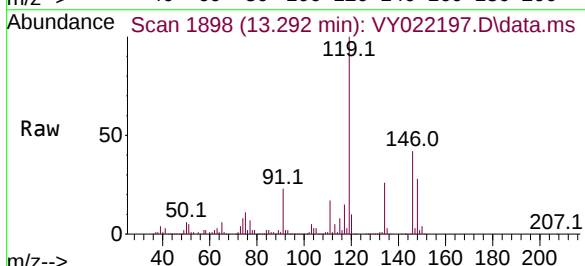
Tgt Ion:119 Resp: 517861

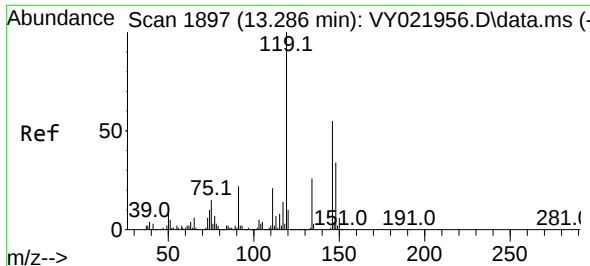
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 22.7 11.0 33.0

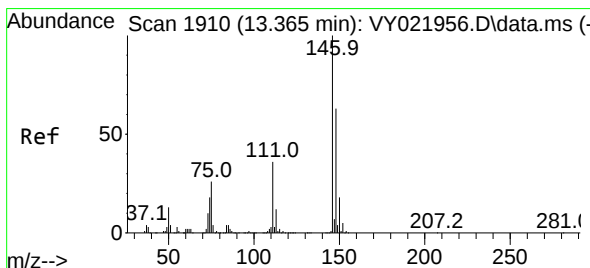
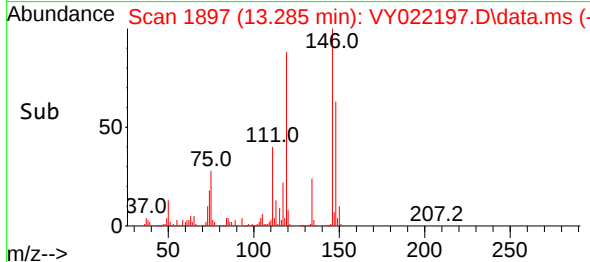
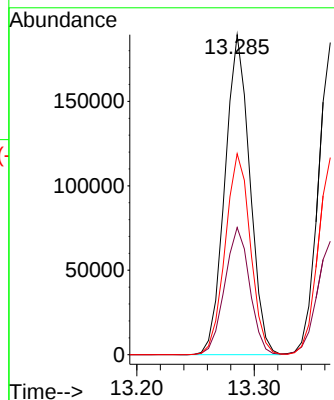
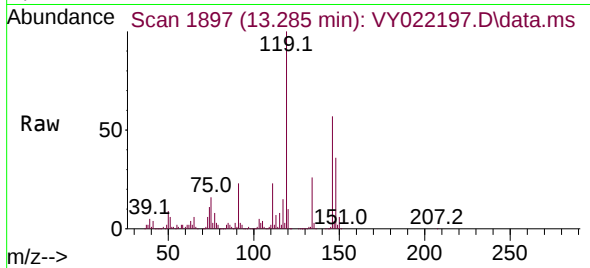




#87
 1,3-Dichlorobenzene
 Concen: 50.890 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

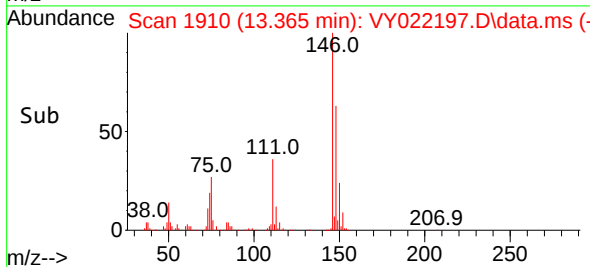
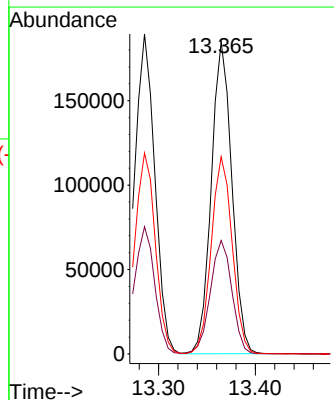
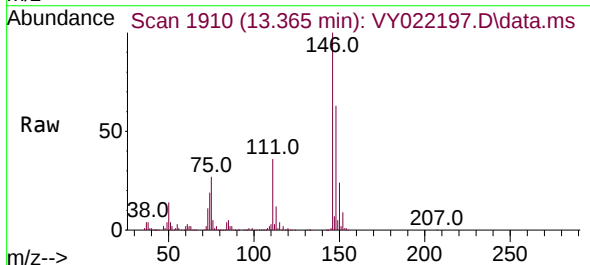
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

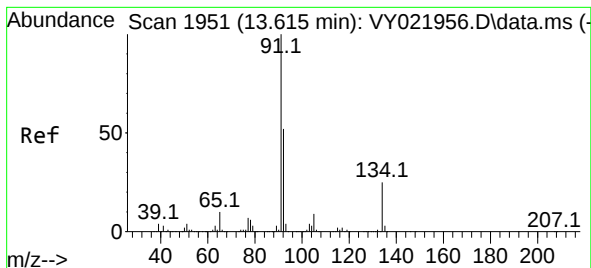
Tgt Ion:146 Resp: 278569
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.470 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

Tgt Ion:146 Resp: 273618
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.2 57.6
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 52.438 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022197.D

Acq: 07 May 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

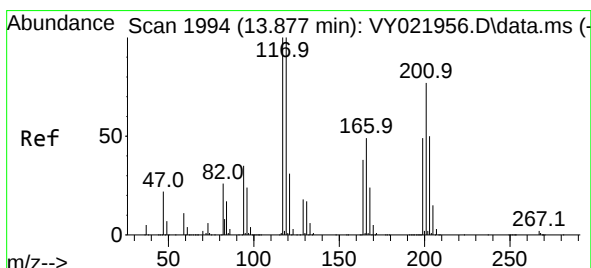
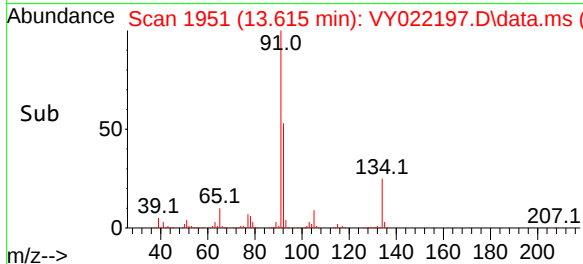
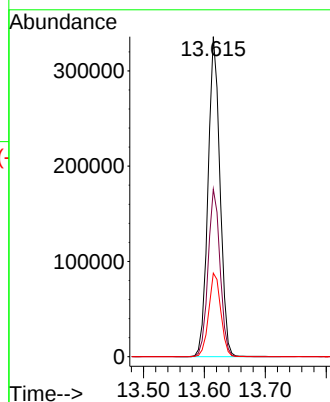
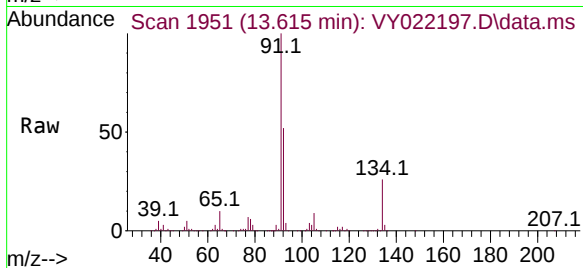
Tgt Ion: 91 Resp: 459039

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 26.4 13.4 40.1



#90

Hexachloroethane

Concen: 53.203 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022197.D

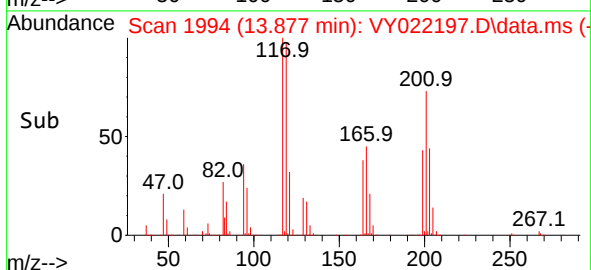
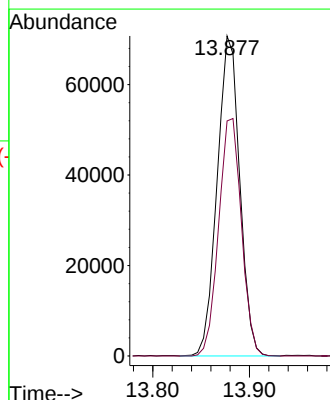
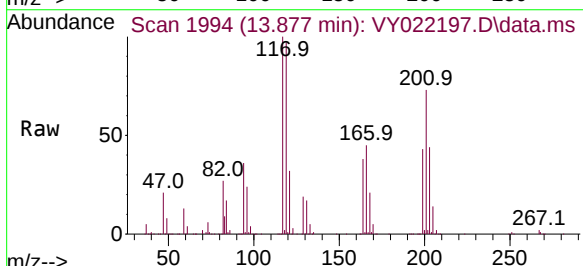
Acq: 07 May 2025 16:52

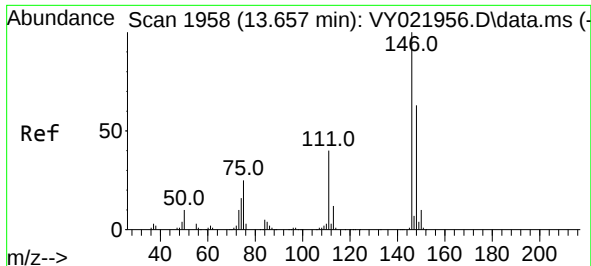
Tgt Ion: 117 Resp: 114479

Ion Ratio Lower Upper

117 100

201 74.8 38.7 116.1

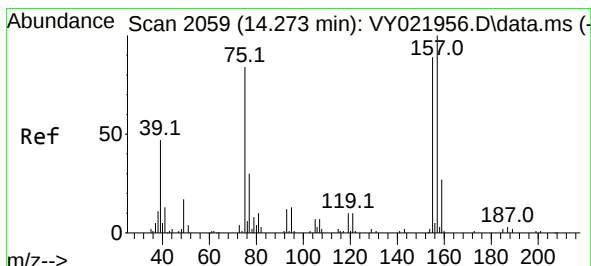
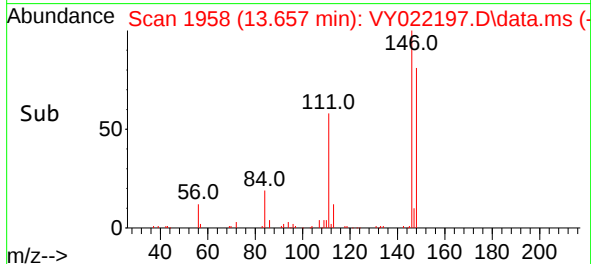
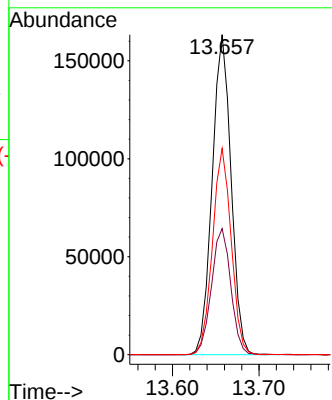
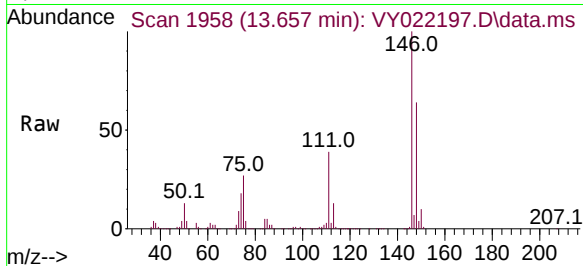




#91
1,2-Dichlorobenzene
Concen: 51.784 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

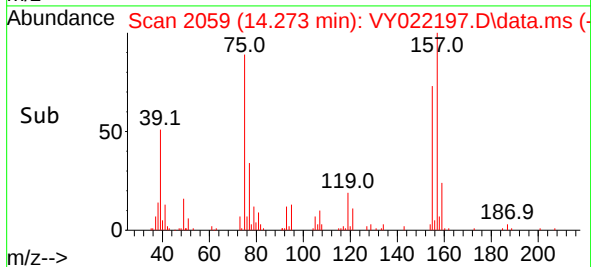
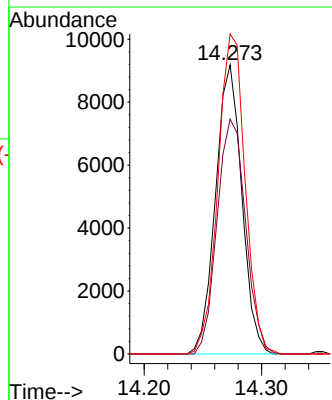
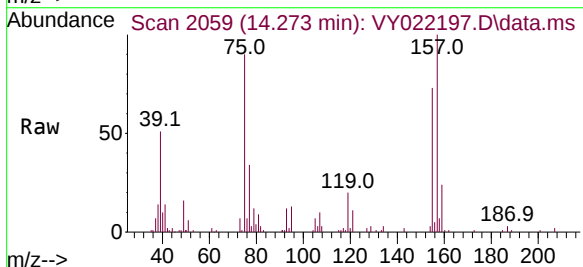
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

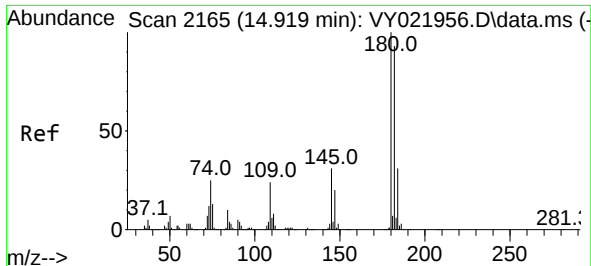
Tgt Ion:146 Resp: 247238
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.1
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.881 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion: 75 Resp: 14271
Ion Ratio Lower Upper
75 100
155 88.1 50.7 152.3
157 114.3 62.6 187.8

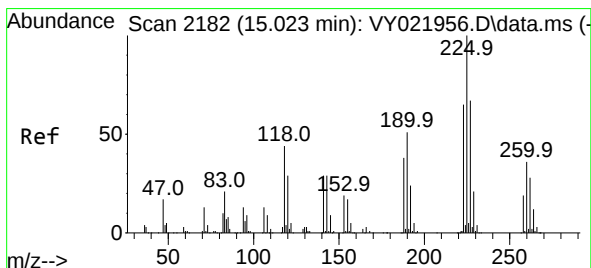
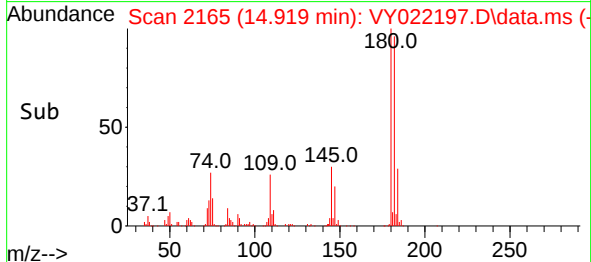
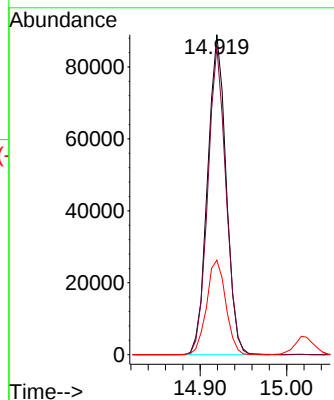
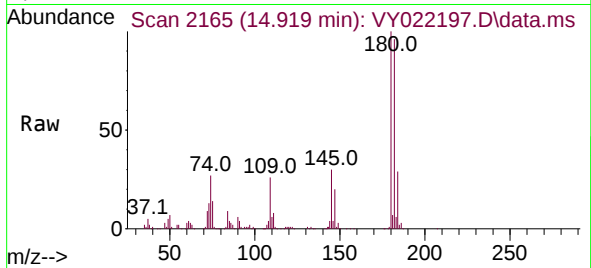




#93
 1,2,4-Trichlorobenzene
 Concen: 48.828 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

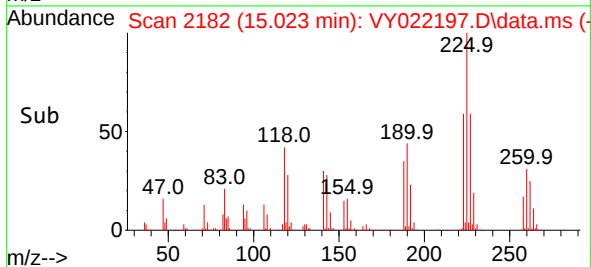
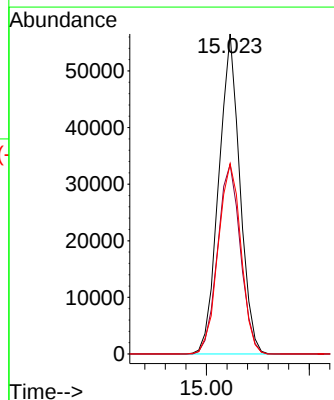
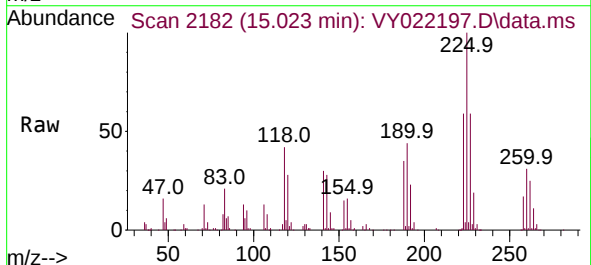
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

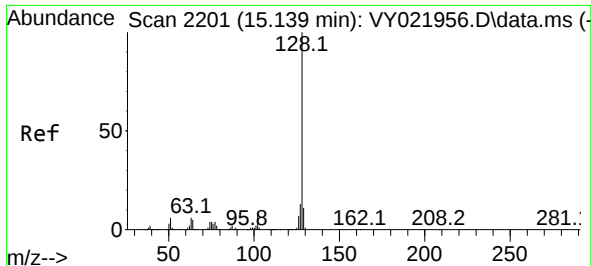
Tgt Ion:180 Resp: 132104
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.1 141.4
 145 30.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 48.394 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022197.D
 Acq: 07 May 2025 16:52

Tgt Ion:225 Resp: 80556
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.5
 227 64.3 32.3 96.9

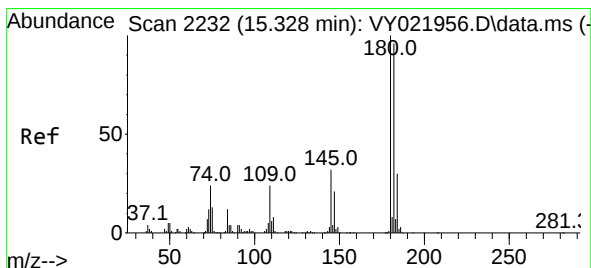
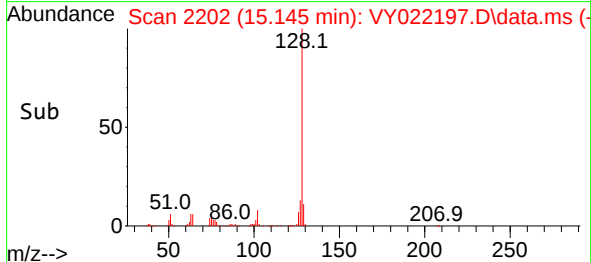
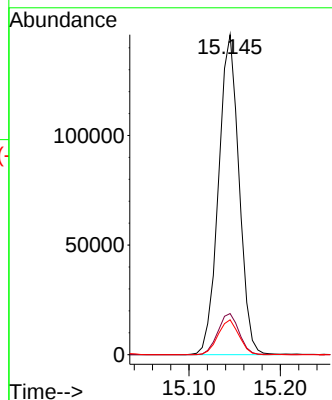
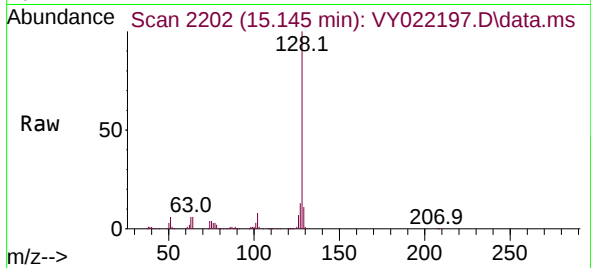




#95
Naphthalene
Concen: 50.641 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 227596
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.665 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022197.D
Acq: 07 May 2025 16:52

Tgt Ion:180 Resp: 115989
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 32.3 16.0 48.0

