

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021528.D
 Acq On : 13 Mar 2025 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 14:57:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	194772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	293071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113123	54.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.900%	
35) Dibromofluoromethane	7.634	113	108537	56.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.680%	
50) Toluene-d8	10.109	98	407035	55.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.408	95	142345	57.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	87606	49.014	ug/l	99
3) Chloromethane	2.068	50	130898	51.945	ug/l	97
4) Vinyl Chloride	2.202	62	153053	55.579	ug/l	100
5) Bromomethane	2.592	94	102851	51.677	ug/l	96
6) Chloroethane	2.733	64	105933	58.211	ug/l	99
7) Trichlorofluoromethane	3.056	101	230709	60.023	ug/l	100
8) Diethyl Ether	3.452	74	58353	54.782	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	117441	53.516	ug/l	99
10) Methyl Iodide	4.001	142	128150	57.448	ug/l	99
11) Tert butyl alcohol	4.854	59	36623	275.959	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	107020	53.491	ug/l	97
13) Acrolein	3.653	56	7239	69.134	ug/l	90
14) Allyl chloride	4.379	41	177482	54.892	ug/l	99
15) Acrylonitrile	5.055	53	127872	282.004	ug/l	99
16) Acetone	3.866	43	136668	304.380	ug/l	93
17) Carbon Disulfide	4.104	76	323793	51.640	ug/l	99
18) Methyl Acetate	4.379	43	67485	67.738	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	284378	56.079	ug/l	99
20) Methylene Chloride	4.616	84	122464	51.959	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	121685	54.308	ug/l	98
22) Diisopropyl ether	6.019	45	400739	57.511	ug/l	97
23) Vinyl Acetate	5.958	43	1118649	281.302	ug/l	98
24) 1,1-Dichloroethane	5.915	63	227036	55.206	ug/l	99
25) 2-Butanone	6.890	43	183734	295.816	ug/l	97
26) 2,2-Dichloropropane	6.884	77	199996	52.853	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	140928	55.365	ug/l	100
28) Bromochloromethane	7.244	49	99122	57.491	ug/l	100
29) Tetrahydrofuran	7.262	42	112236	292.707	ug/l	99
30) Chloroform	7.421	83	236907	55.476	ug/l	99
31) Cyclohexane	7.701	56	197860	51.319	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	213671	54.646	ug/l	99
36) 1,1-Dichloropropene	7.835	75	168325	55.821	ug/l	99
37) Ethyl Acetate	6.982	43	78172	58.653	ug/l	97
38) Carbon Tetrachloride	7.817	117	194476	56.078	ug/l	99
39) Methylcyclohexane	9.109	83	208037	56.245	ug/l	97
40) Benzene	8.079	78	506358	57.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	41187	56.755	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	144405	58.111	ug/l	100
43) Isopropyl Acetate	8.195	43	150281	58.085	ug/l #	88
44) Trichloroethene	8.859	130	126259	56.248	ug/l	99
45) 1,2-Dichloropropane	9.140	63	122553	57.969	ug/l	99
46) Dibromomethane	9.231	93	68268	58.036	ug/l	99
47) Bromodichloromethane	9.420	83	182466	58.410	ug/l	99
48) Methyl methacrylate	9.219	41	72397	60.938	ug/l	99
49) 1,4-Dioxane	9.231	88	14428	1249.629	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	413365	309.651	ug/l	99
52) Toluene	10.170	92	325070	58.046	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	163048	59.243	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	189665	58.044	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	90246	58.650	ug/l	99
56) Ethyl methacrylate	10.438	69	122653	62.501	ug/l	99
57) 1,3-Dichloropropane	10.713	76	156702	58.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	289925	320.040	ug/l	100
59) 2-Hexanone	10.762	43	283980	321.719	ug/l	100
60) Dibromochloromethane	10.914	129	124419	58.981	ug/l	99
61) 1,2-Dibromoethane	11.012	107	84377	58.101	ug/l	98
64) Tetrachloroethene	10.646	164	134879	61.634	ug/l	94
65) Chlorobenzene	11.444	112	348988	54.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	126220	56.176	ug/l	99
67) Ethyl Benzene	11.518	91	626767	56.189	ug/l	100
68) m/p-Xylenes	11.627	106	476729	112.573	ug/l	98
69) o-Xylene	11.956	106	221537	56.761	ug/l	100
70) Styrene	11.969	104	378051	58.387	ug/l	100
71) Bromoform	12.133	173	72284	57.550	ug/l #	99
73) Isopropylbenzene	12.255	105	600467	53.693	ug/l	100
74) N-amyl acetate	12.072	43	134988	55.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	102710	52.045	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	136509	95.420	ug/l #	100
77) Bromobenzene	12.530	156	137576	52.584	ug/l	98
78) n-propylbenzene	12.597	91	738516	54.375	ug/l	100
79) 2-Chlorotoluene	12.682	91	412855	53.162	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	496250	54.603	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32062	50.948	ug/l	97
82) 4-Chlorotoluene	12.780	91	429112	53.359	ug/l	99
83) tert-Butylbenzene	12.999	119	437897	54.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	495103	54.868	ug/l	98
85) sec-Butylbenzene	13.176	105	654250	54.236	ug/l	100
86) p-Isopropyltoluene	13.292	119	540426	54.380	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	273505	52.517	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270105	53.032	ug/l	98
89) n-Butylbenzene	13.615	91	512812	55.881	ug/l	100
90) Hexachloroethane	13.883	117	109738	51.761	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	237827	53.281	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15640	52.906	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	134059	54.986	ug/l	99
94) Hexachlorobutadiene	15.023	225	81240	53.157	ug/l	99
95) Naphthalene	15.145	128	224637	53.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	115432	56.294	ug/l	99

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VSTDCCC050EC

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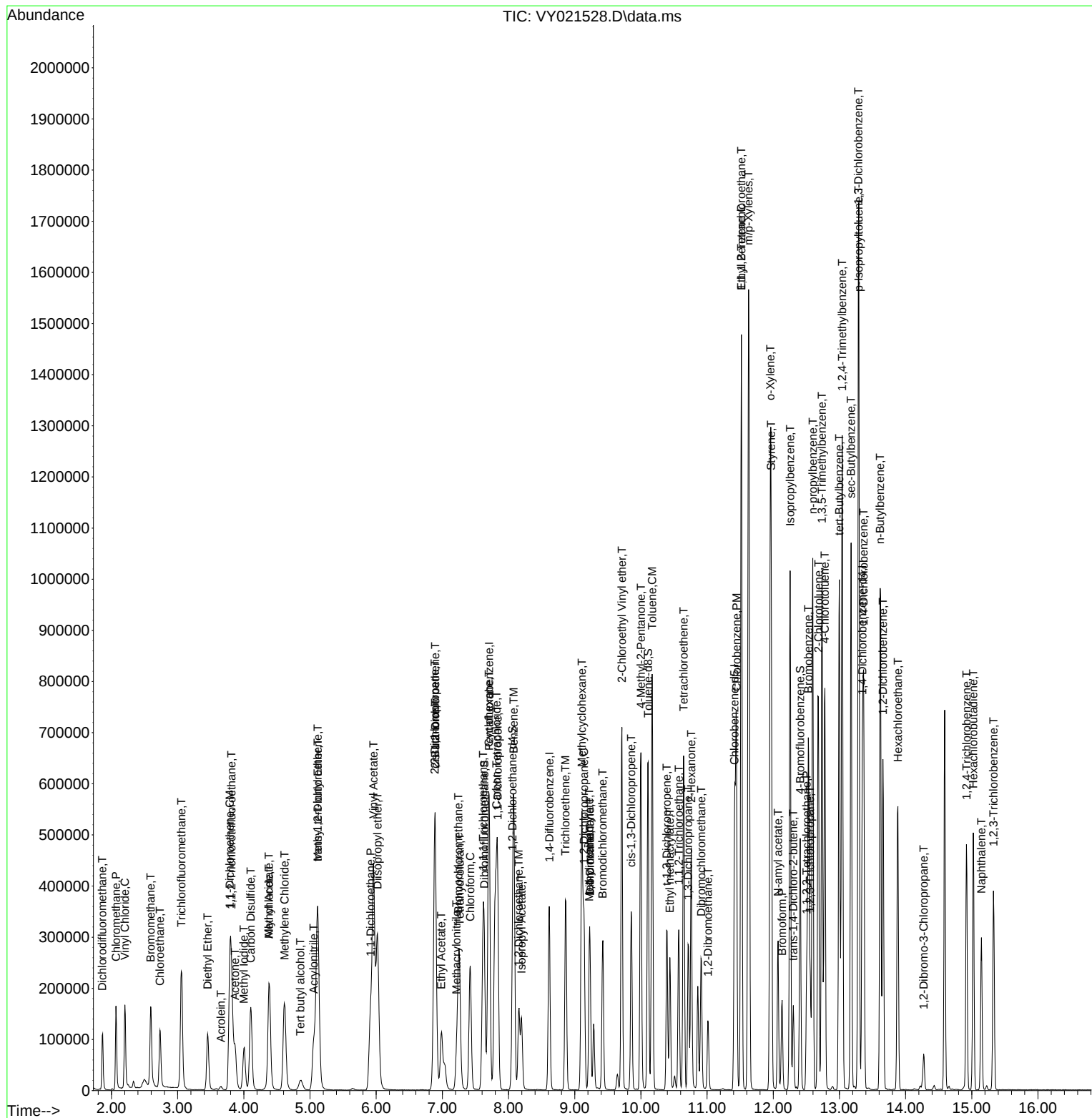
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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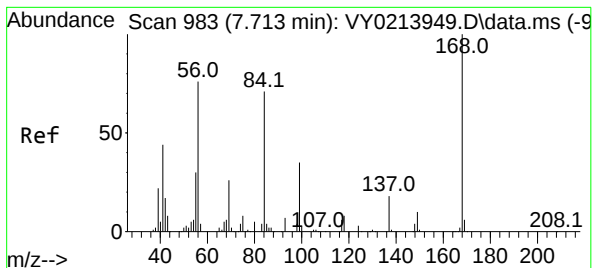
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021528.D

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Instrument :

MSVOA_Y

ClientSampleId :

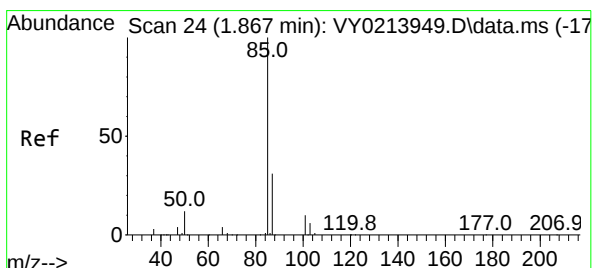
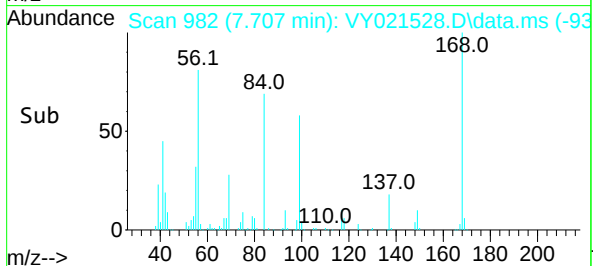
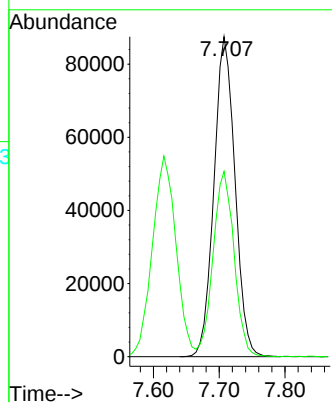
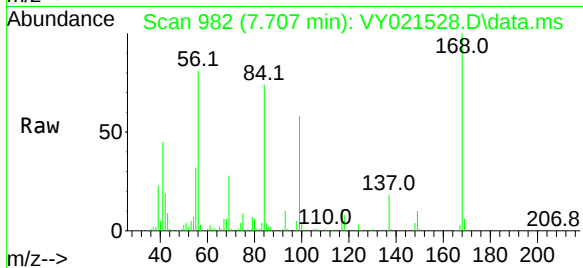
VSTDCCC050EC

Tgt Ion:168 Resp: 194772

Ion Ratio Lower Upper

168 100

99 57.8 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 49.014 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021528.D

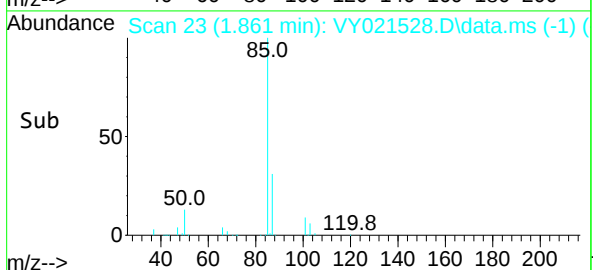
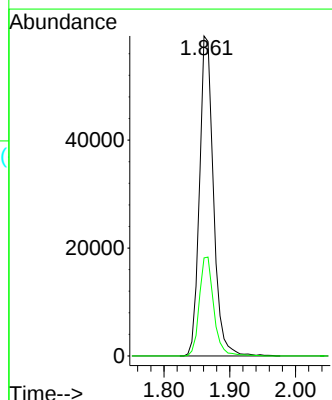
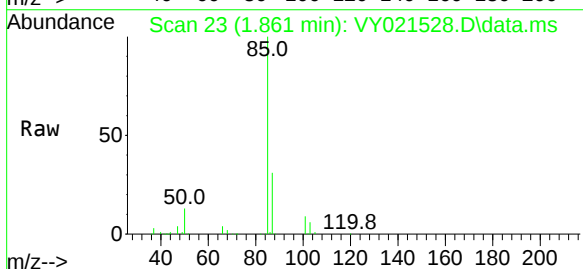
Acq: 13 Mar 2025 16:30

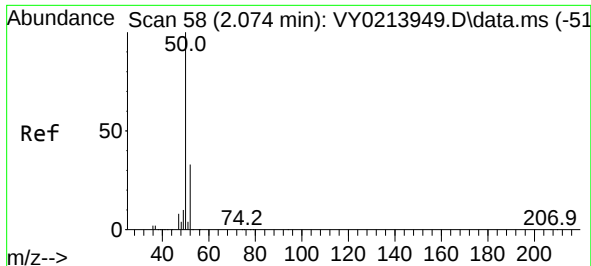
Tgt Ion: 85 Resp: 87606

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

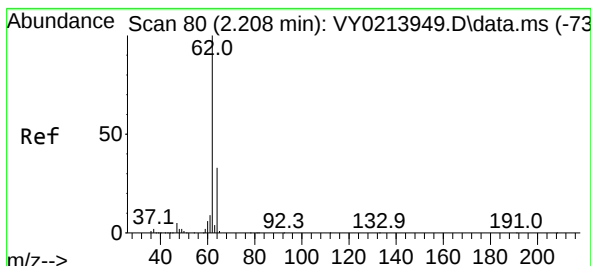
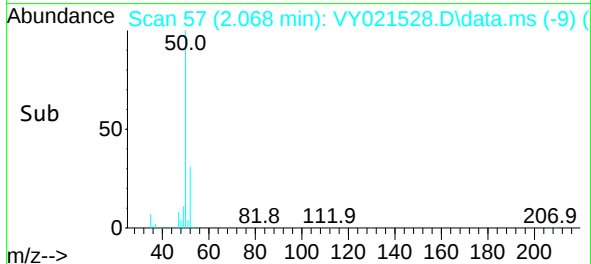
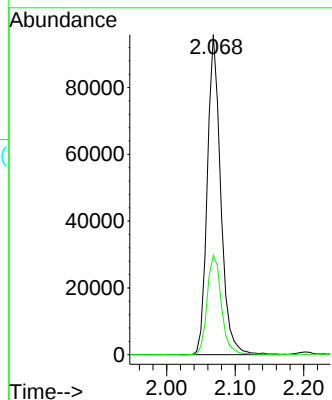
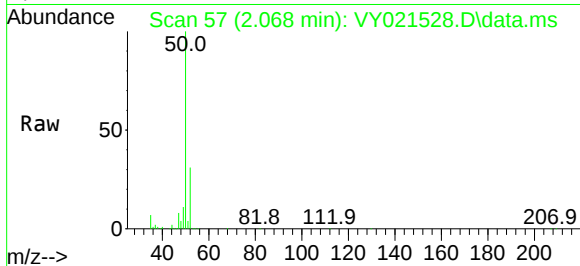




#3
Chloromethane
Concen: 51.945 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021528.D
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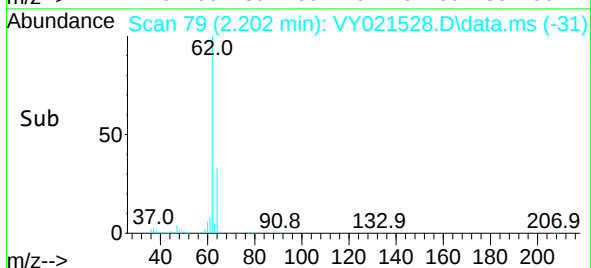
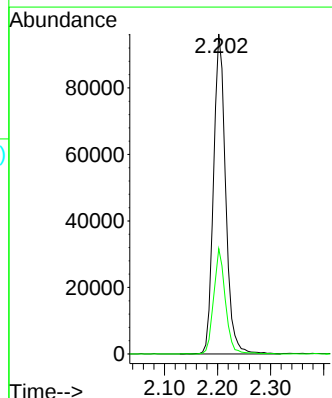
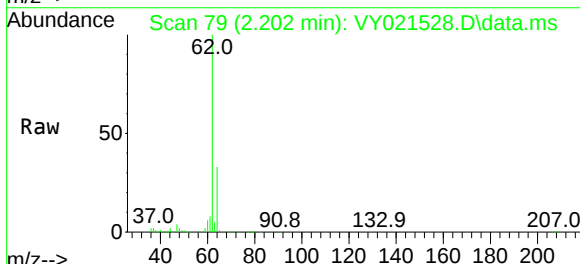
Instrument :
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ClientSampleId :
VSTDCCC050EC

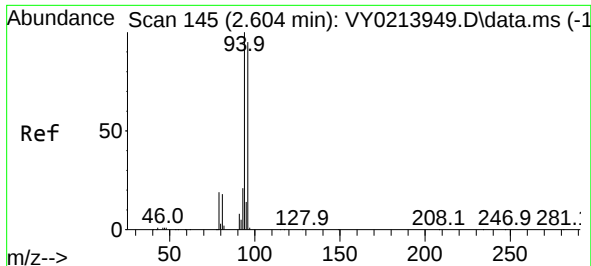
Tgt Ion: 50 Resp: 130898
Ion Ratio Lower Upper
50 100
52 31.0 26.2 39.2



#4
Vinyl Chloride
Concen: 55.579 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 62 Resp: 153053
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

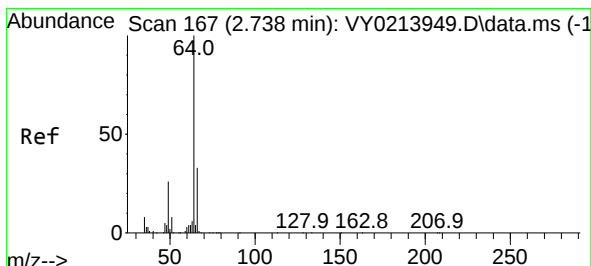
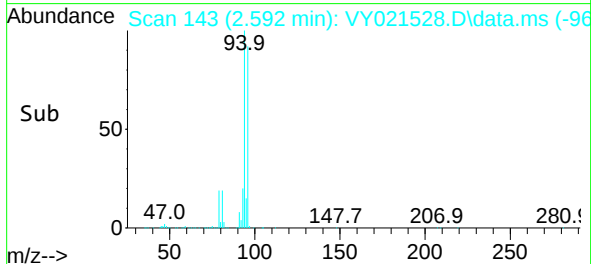
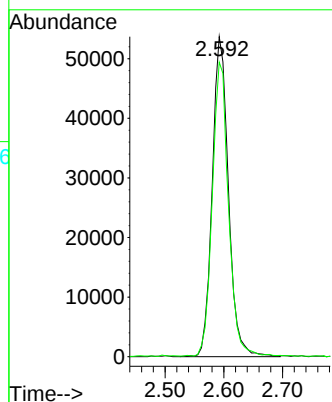
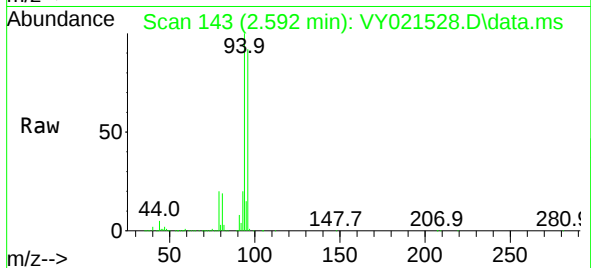




#5
Bromomethane
Concen: 51.677 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

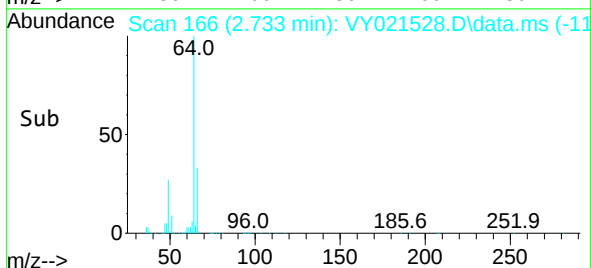
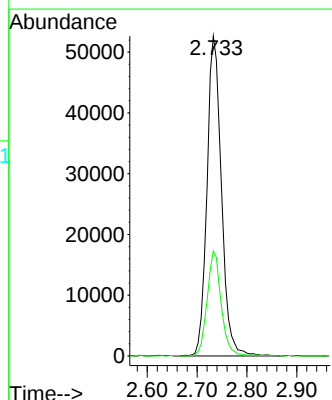
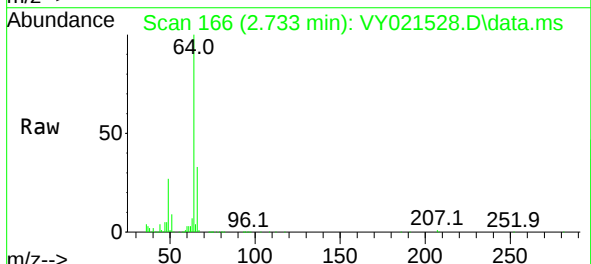
Instrument :
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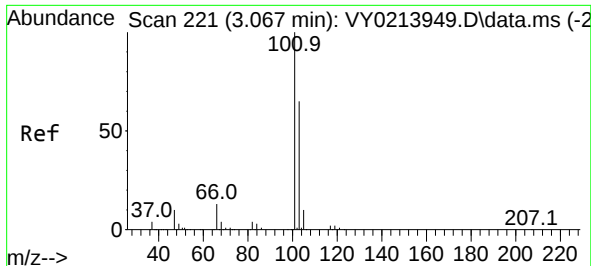
Tgt Ion: 94 Resp: 102851
Ion Ratio Lower Upper
94 100
96 91.8 76.3 114.5



#6
Chloroethane
Concen: 58.211 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021528.D
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Tgt Ion: 64 Resp: 105933
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1

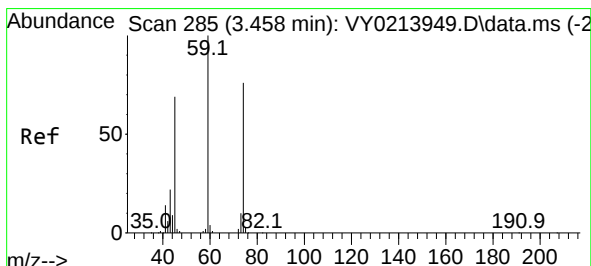
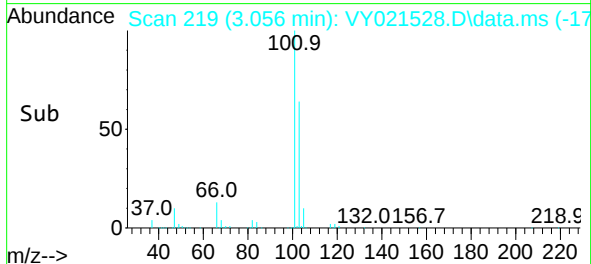
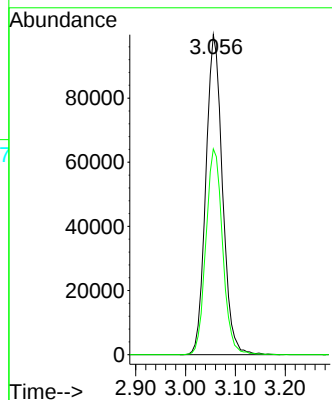
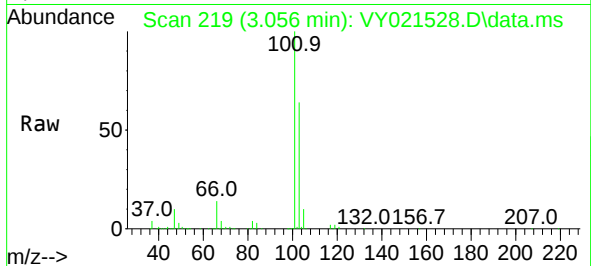




#7
Trichlorofluoromethane
Concen: 60.023 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

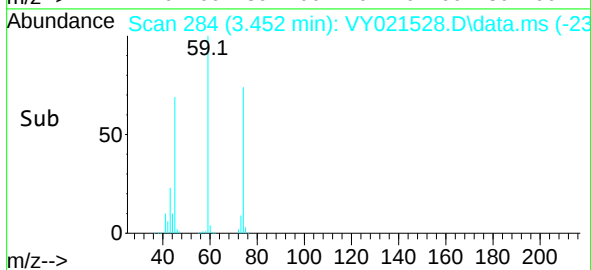
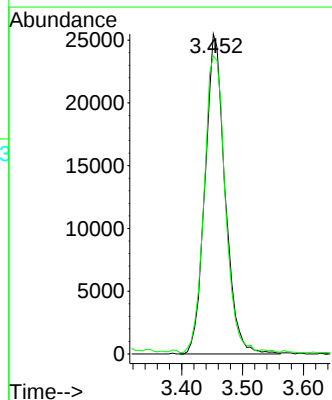
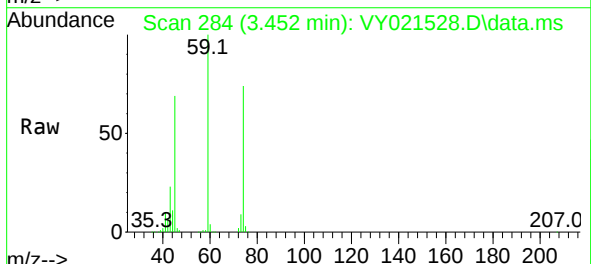
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 230709
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5



#8
Diethyl Ether
Concen: 54.782 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 74 Resp: 58353
Ion Ratio Lower Upper
74 100
45 97.5 49.7 149.1

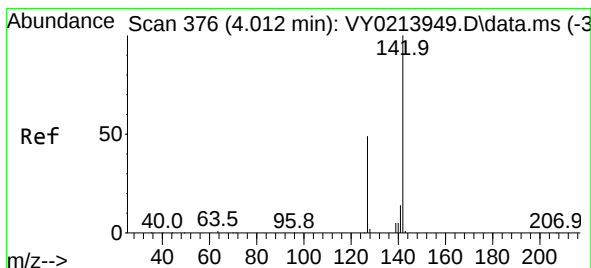
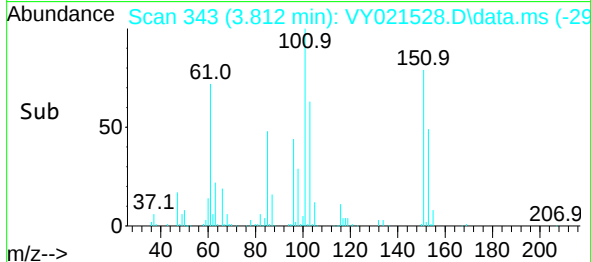
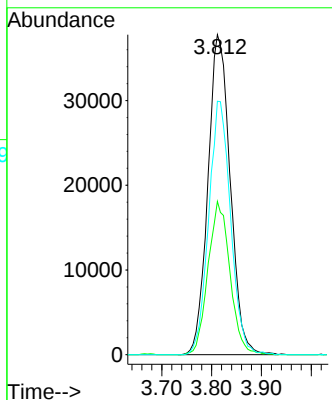
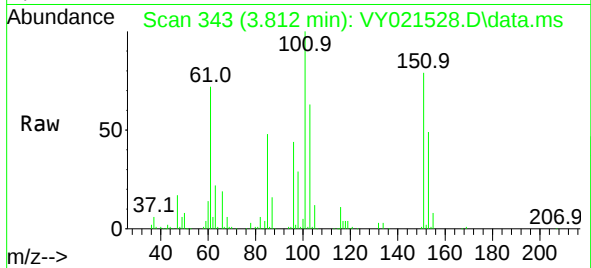




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.516 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

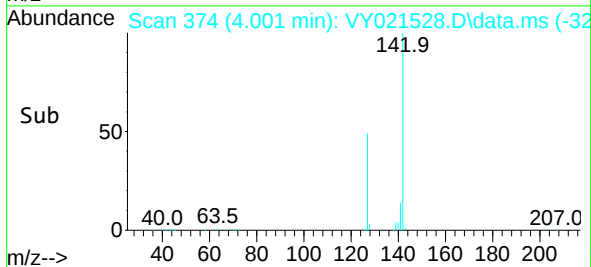
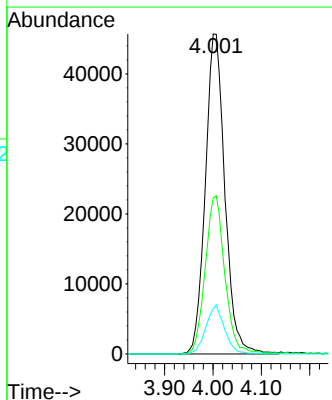
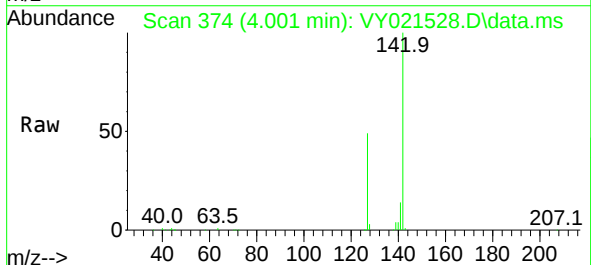
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

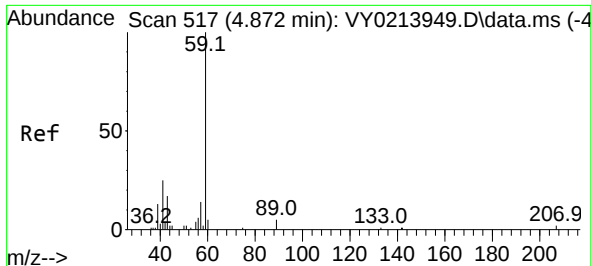
Tgt Ion:101 Resp: 117441
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 77.9 62.1 93.1



#10
Methyl Iodide
Concen: 57.448 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:142 Resp: 128150
Ion Ratio Lower Upper
142 100
127 49.6 39.1 58.7
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 275.959 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

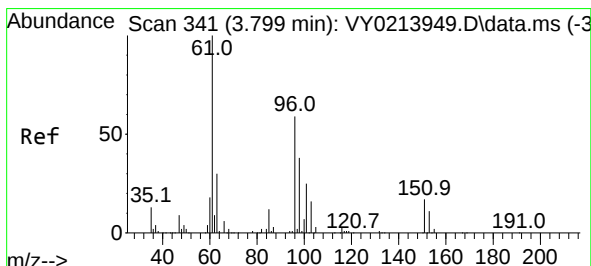
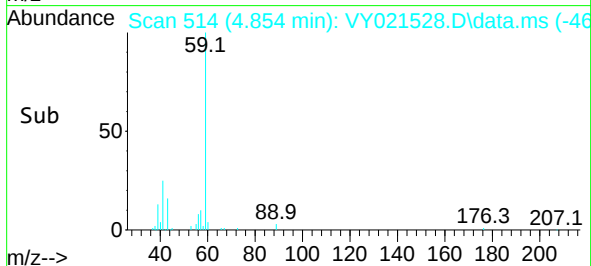
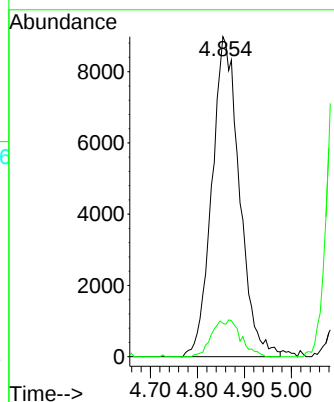
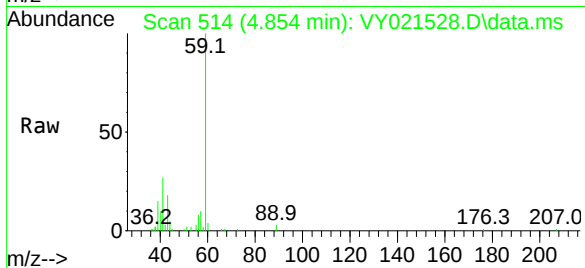
VSTDCCC050EC

Tgt Ion: 59 Resp: 36623

Ion Ratio Lower Upper

59 100

57 6.2 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 53.491 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

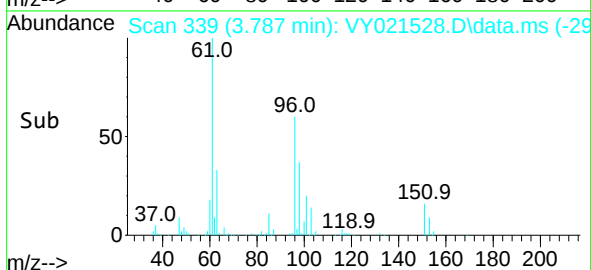
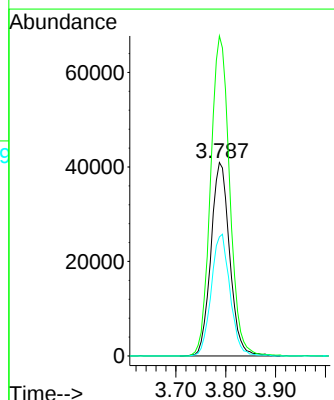
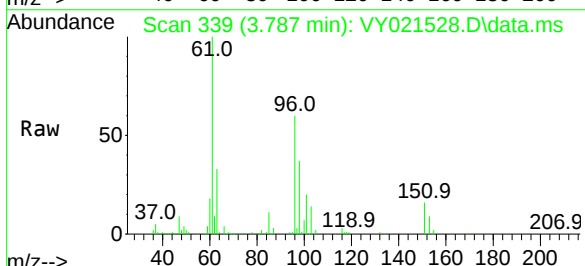
Tgt Ion: 96 Resp: 107020

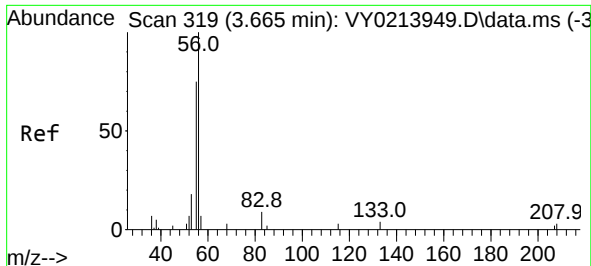
Ion Ratio Lower Upper

96 100

61 165.5 135.2 202.8

98 61.5 51.4 77.2

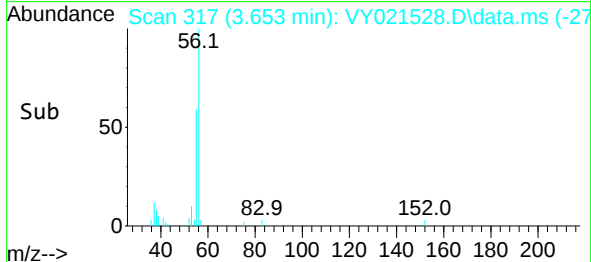
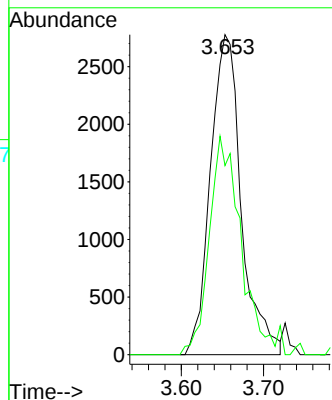
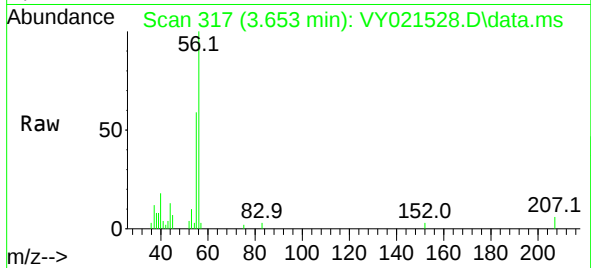




#13
Acrolein
Concen: 69.134 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

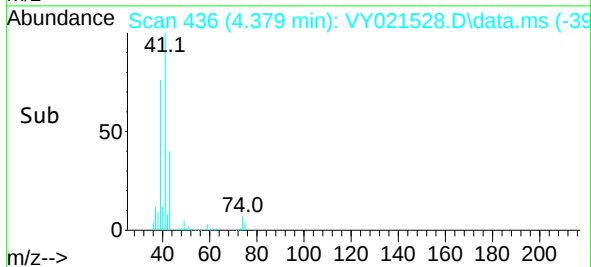
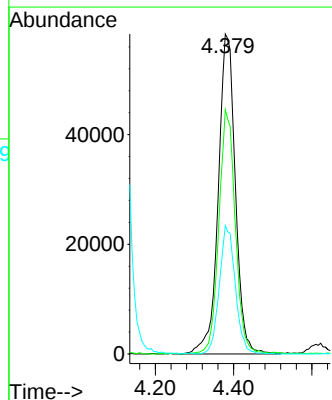
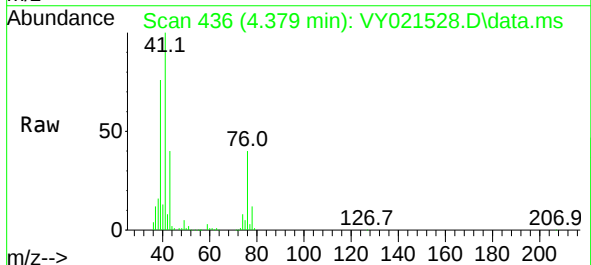
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

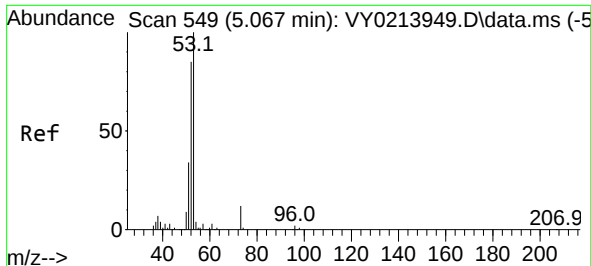
Tgt Ion: 56 Resp: 7239
Ion Ratio Lower Upper
56 100
55 70.6 63.4 95.2



#14
Allyl chloride
Concen: 54.892 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 41 Resp: 177482
Ion Ratio Lower Upper
41 100
39 73.3 59.3 88.9
76 37.4 29.8 44.8

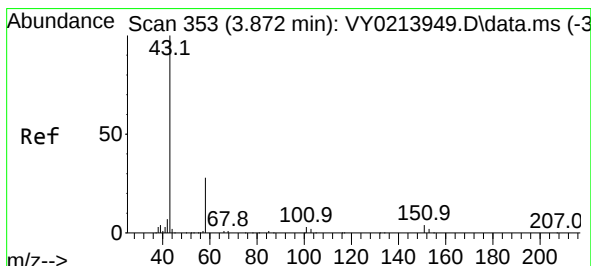
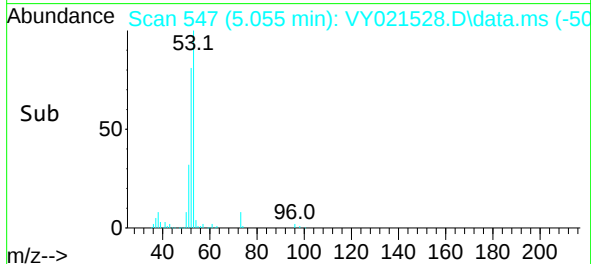
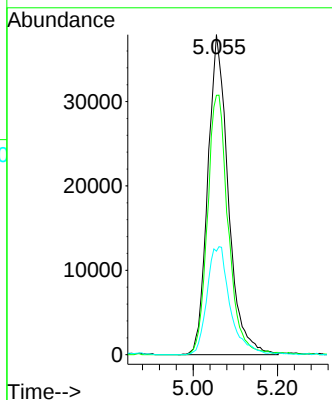
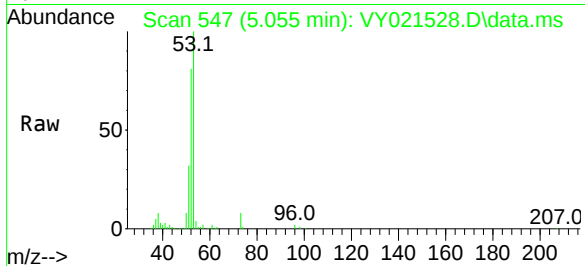




#15
Acrylonitrile
Concen: 282.004 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

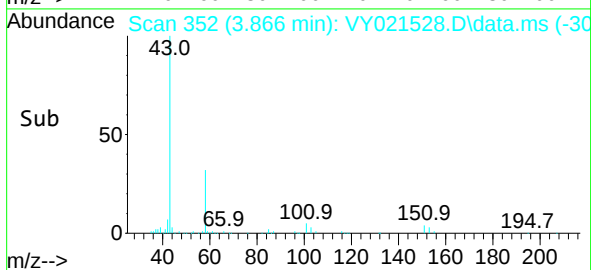
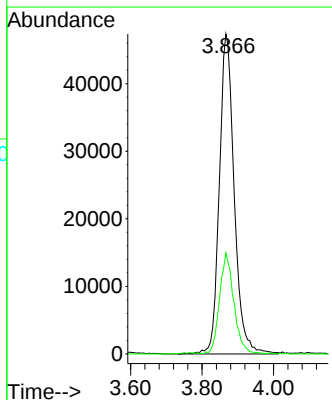
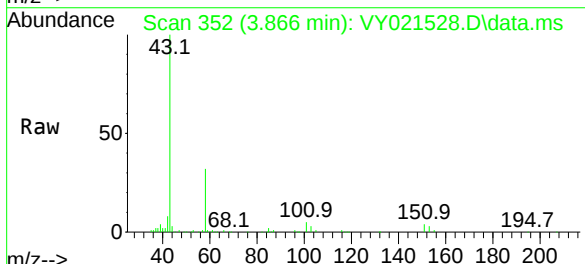
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

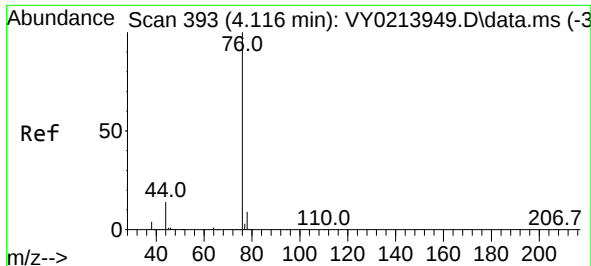
Tgt Ion: 53 Resp: 127872
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 37.9 30.3 45.5



#16
Acetone
Concen: 304.380 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 43 Resp: 136668
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1

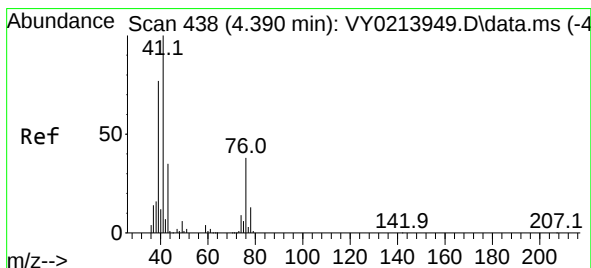
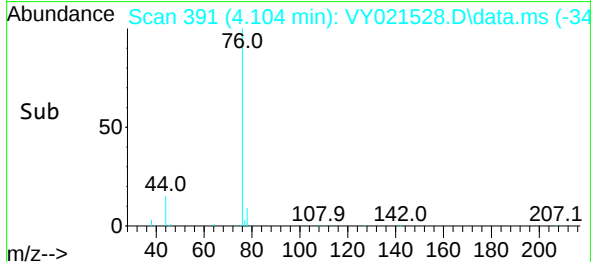
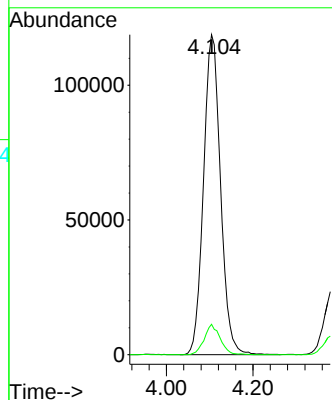
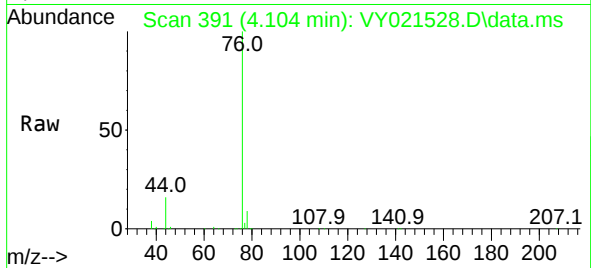




#17
Carbon Disulfide
Concen: 51.640 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

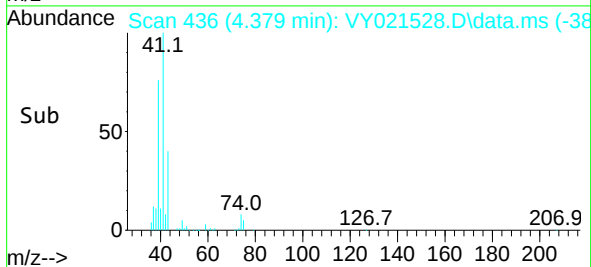
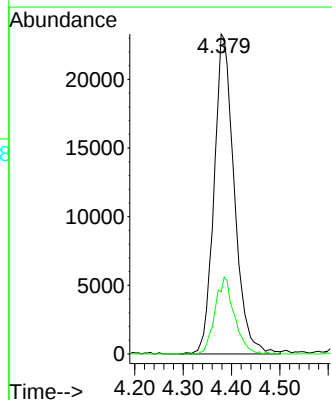
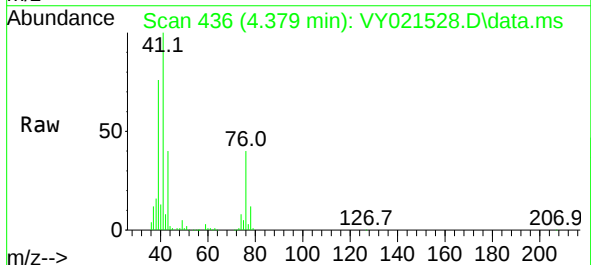
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

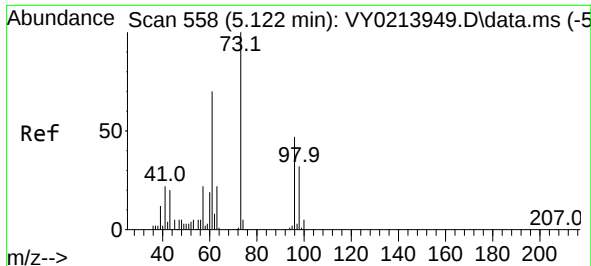
Tgt Ion: 76 Resp: 323793
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 67.738 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 43 Resp: 67485
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.0

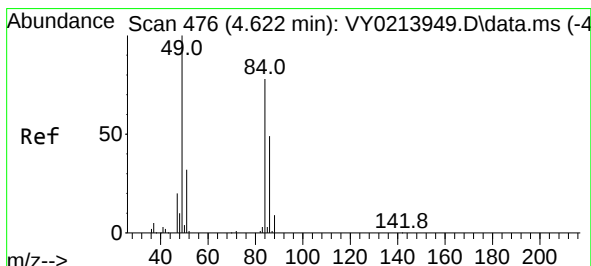
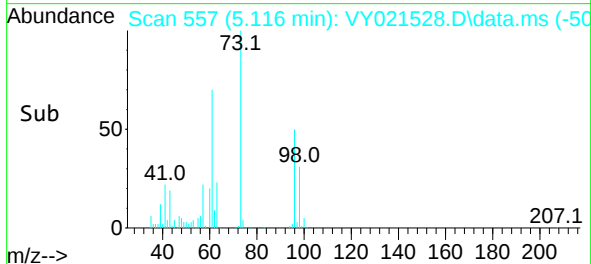
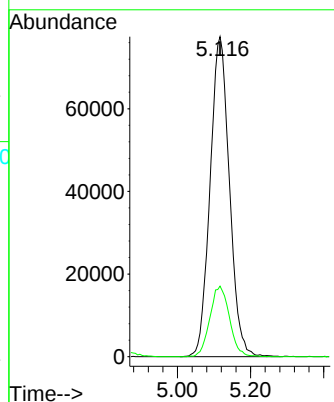
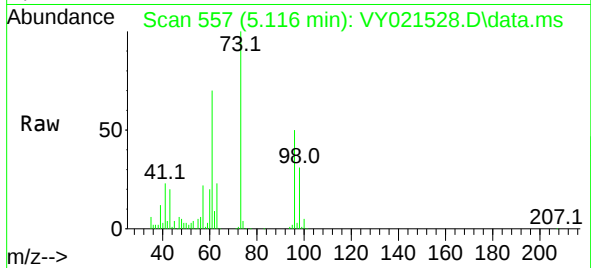




#19
Methyl tert-butyl Ether
Concen: 56.079 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

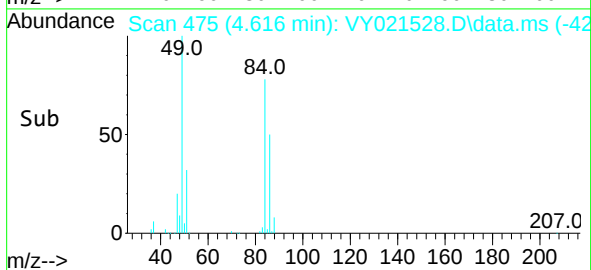
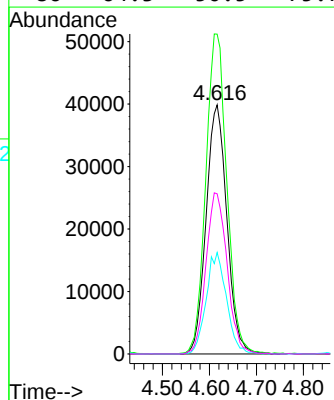
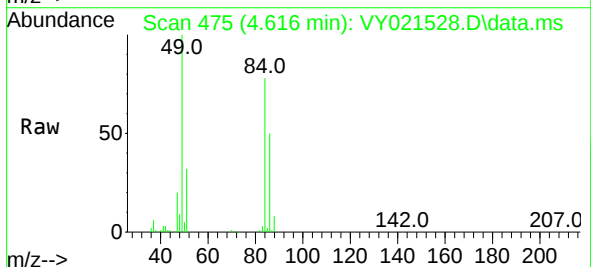
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 284378
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 51.959 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 84 Resp: 122464
Ion Ratio Lower Upper
84 100
49 128.1 102.0 153.0
51 40.7 33.0 49.6
86 64.3 50.5 75.7

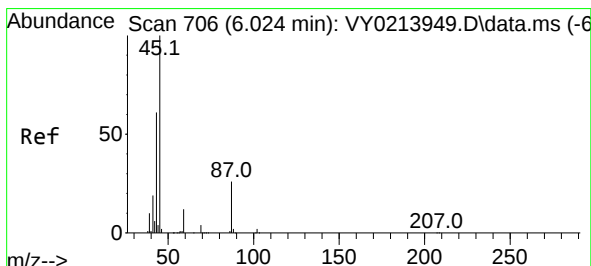
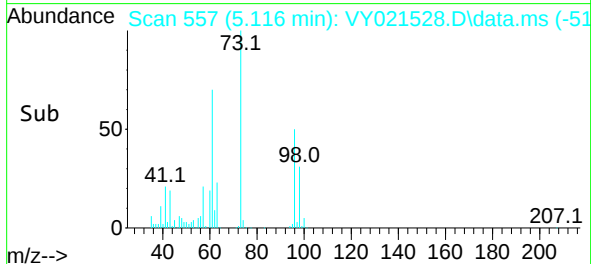
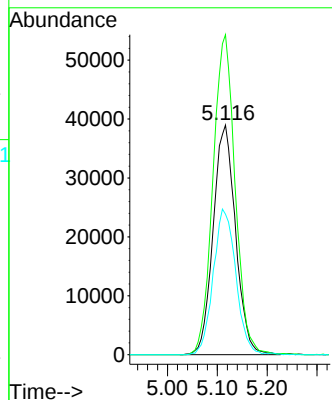
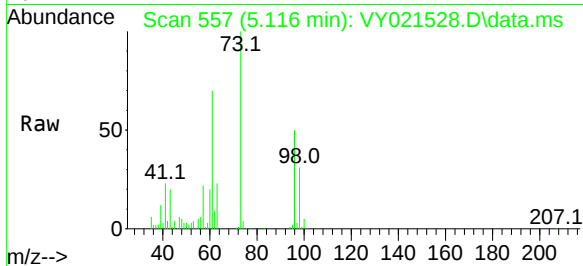




#21
trans-1,2-Dichloroethene
Concen: 54.308 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

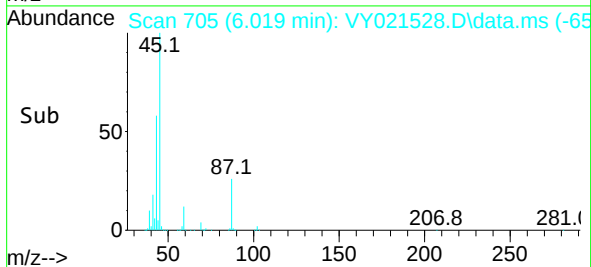
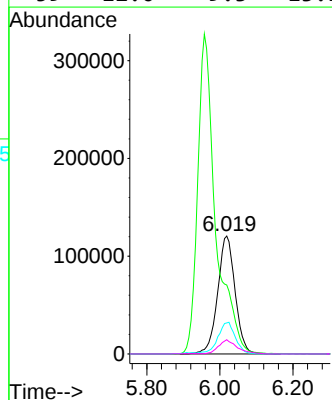
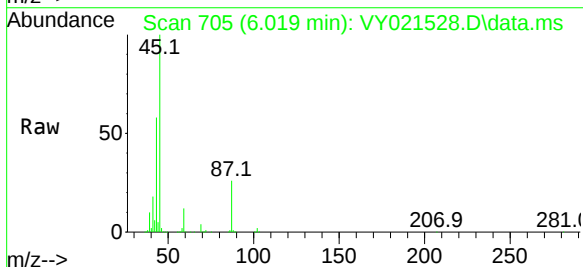
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

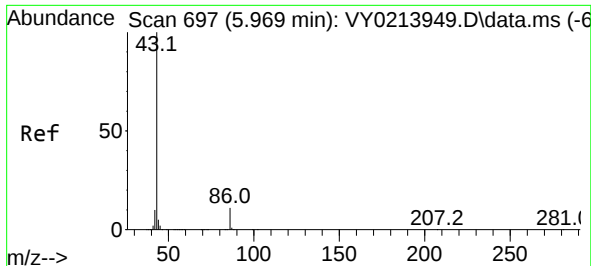
Tgt Ion: 96 Resp: 121685
Ion Ratio Lower Upper
96 100
61 139.4 111.5 167.3
98 61.2 53.8 80.8



#22
Diisopropyl ether
Concen: 57.511 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 45 Resp: 400739
Ion Ratio Lower Upper
45 100
43 58.3 48.7 73.1
87 26.3 21.5 32.3
59 12.0 9.3 13.9

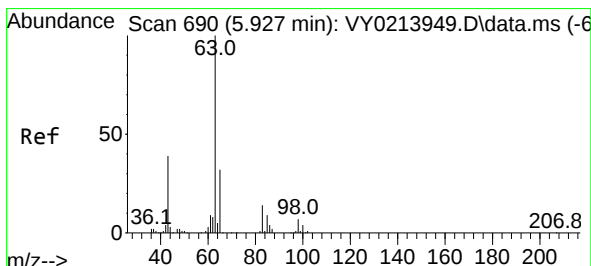
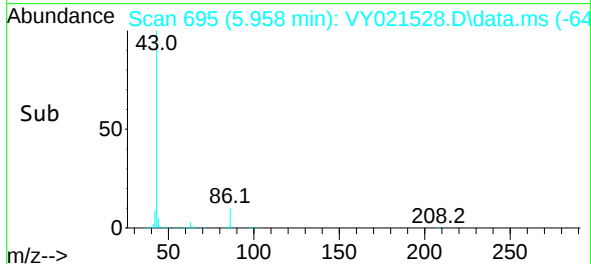
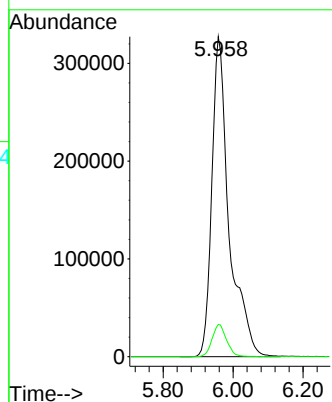
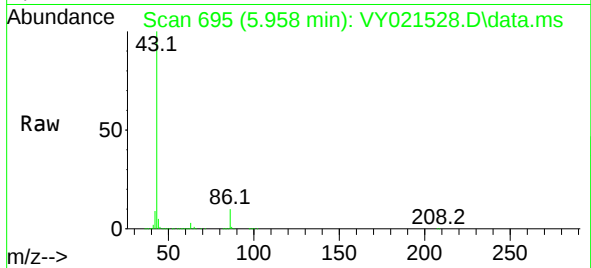




#23
Vinyl Acetate
Concen: 281.302 ug/l
RT: 5.958 min Scan# 697
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

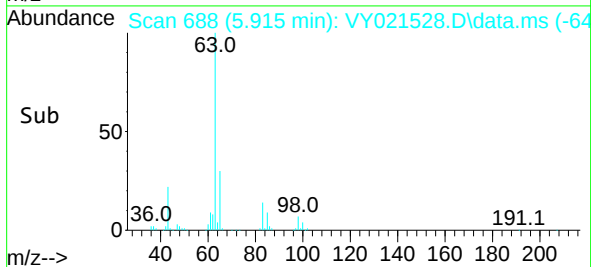
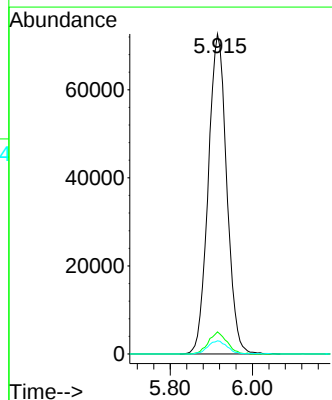
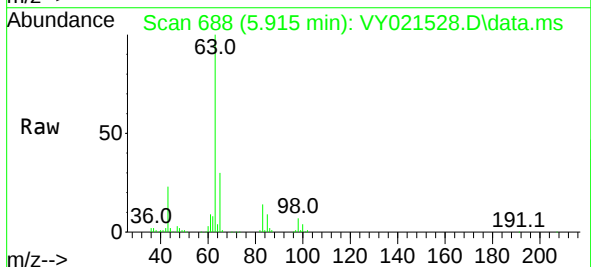
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

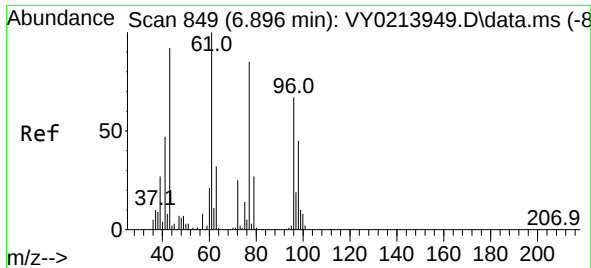
Tgt Ion: 43 Resp: 1118649
Ion Ratio Lower Upper
43 100
86 10.0 8.5 12.7



#24
1,1-Dichloroethane
Concen: 55.206 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 63 Resp: 227036
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.9
100 4.1 2.1 6.5

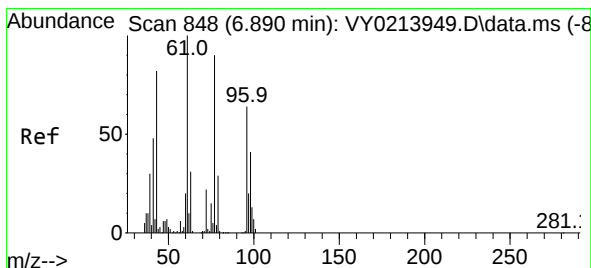
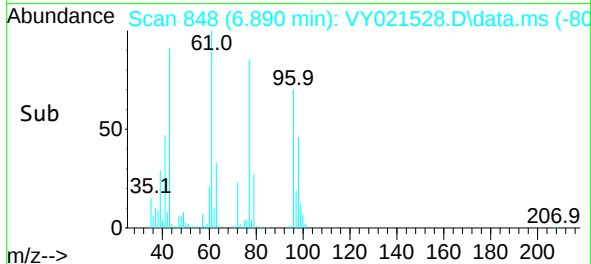
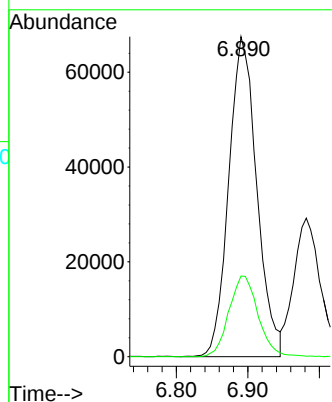
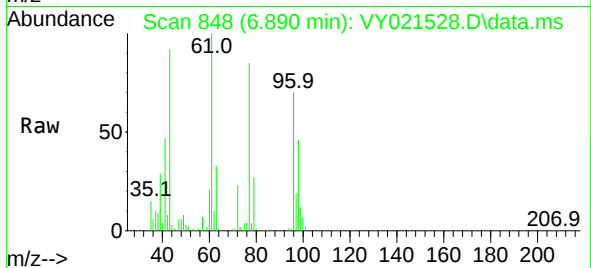




#25
2-Butanone
Concen: 295.816 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

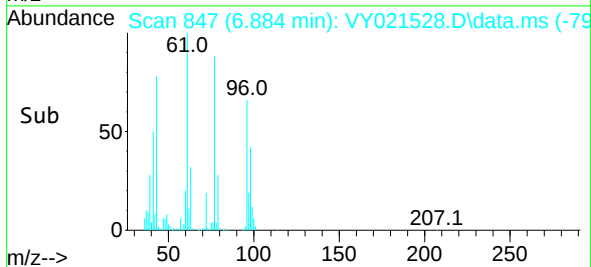
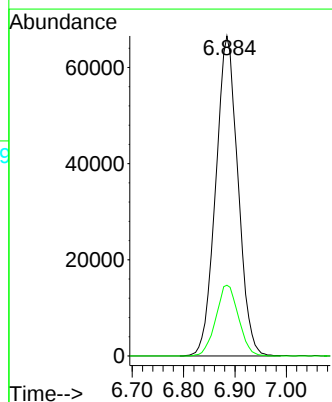
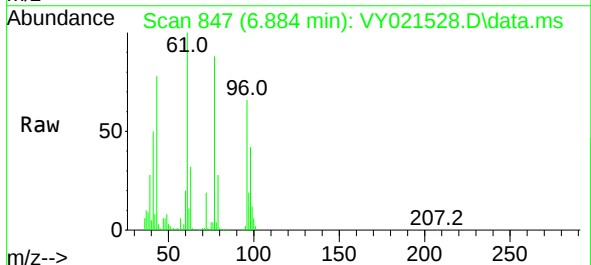
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

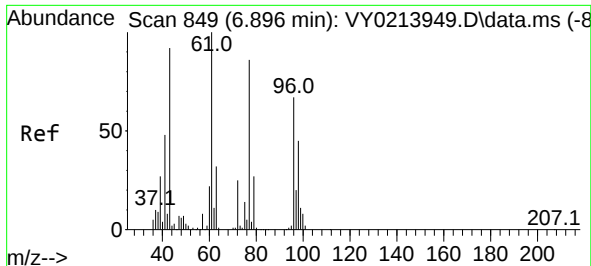
Tgt Ion: 43 Resp: 183734
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.0



#26
2,2-Dichloropropane
Concen: 52.853 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 77 Resp: 199996
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8



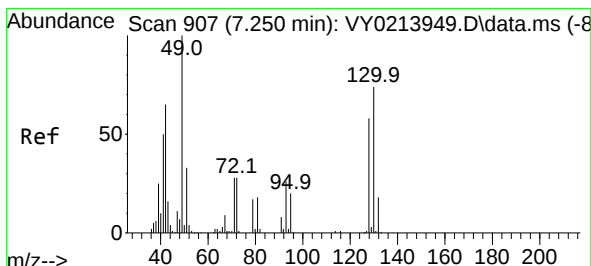
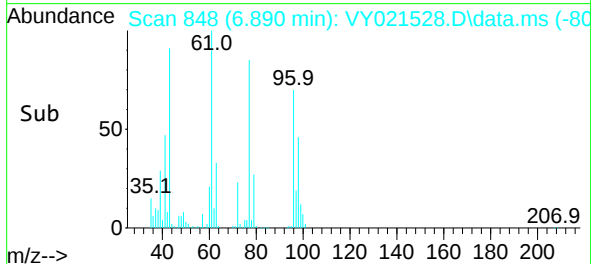
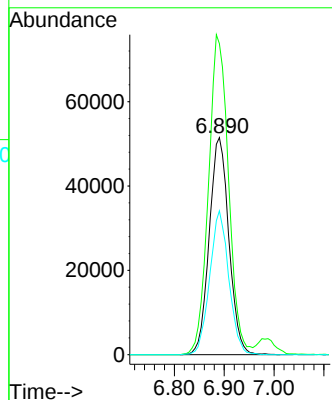
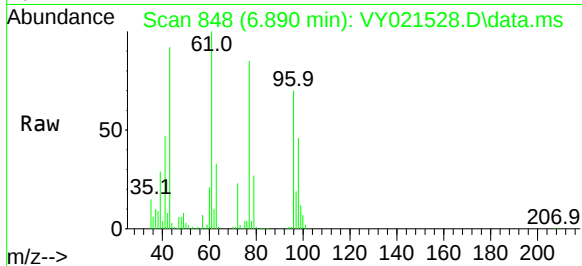


#27
 cis-1,2-Dichloroethene
 Concen: 55.365 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 140928

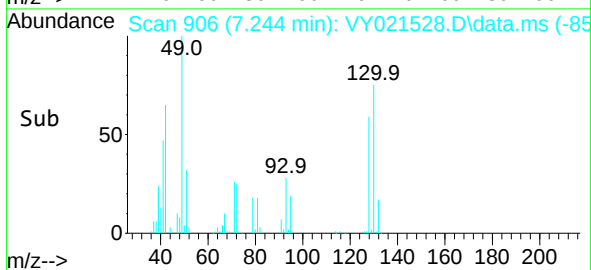
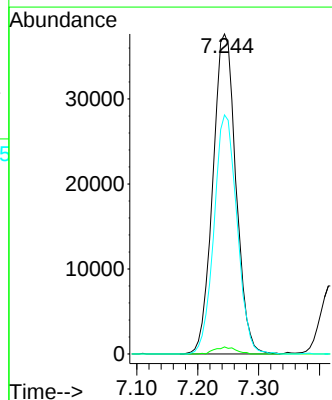
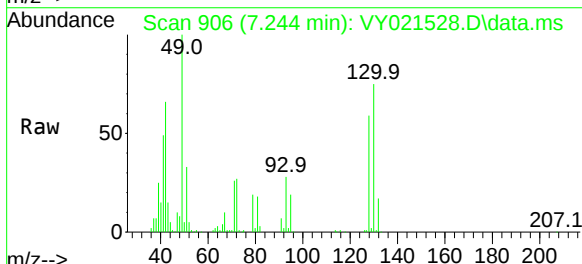
Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	300.8
98	64.5	0.0	130.0

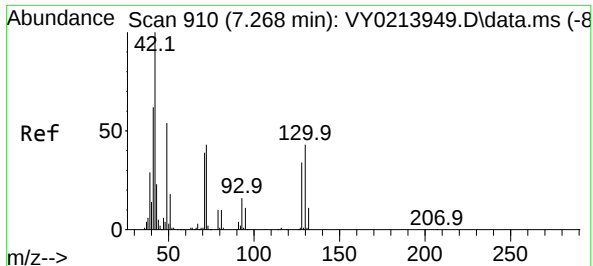


#28
 Bromochloromethane
 Concen: 57.491 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion: 49 Resp: 99122

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	74.3	59.6	89.4





#29

Tetrahydrofuran

Concen: 292.707 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

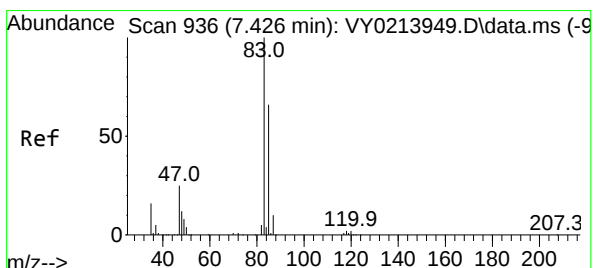
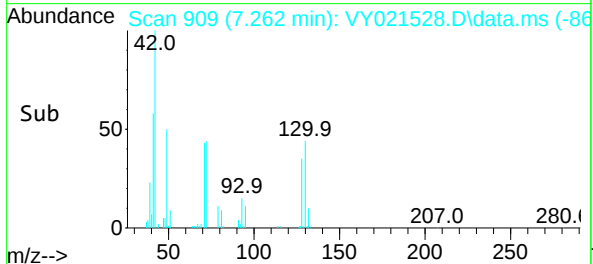
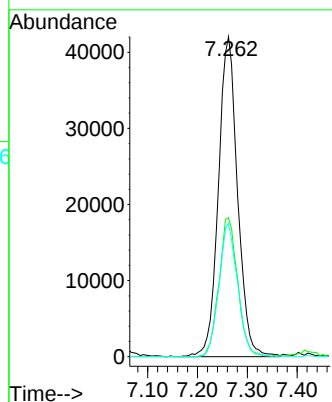
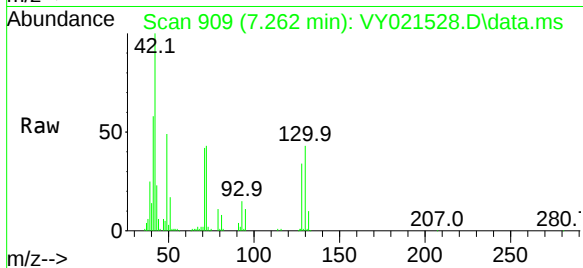
Tgt Ion: 42 Resp: 112236

Ion Ratio Lower Upper

42 100

72 42.5 34.8 52.2

71 40.6 32.6 48.8



#30

Chloroform

Concen: 55.476 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021528.D

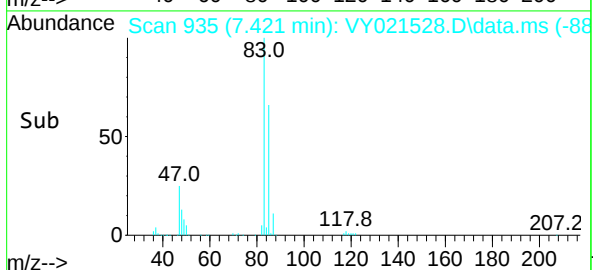
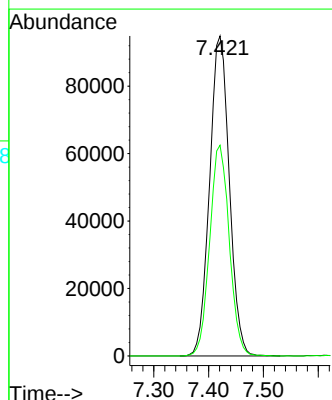
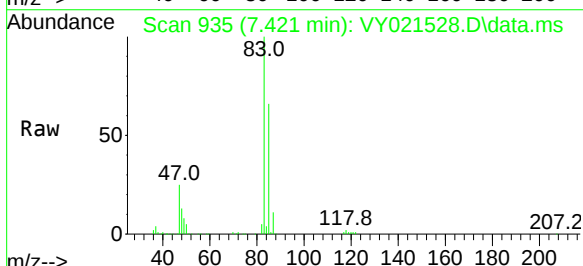
Acq: 13 Mar 2025 16:30

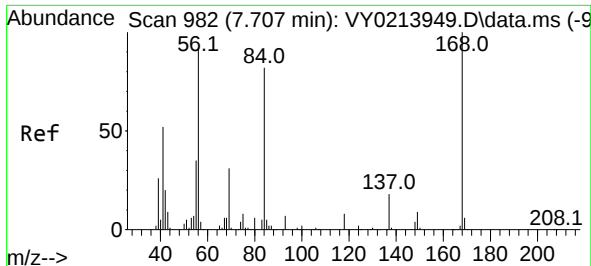
Tgt Ion: 83 Resp: 236907

Ion Ratio Lower Upper

83 100

85 65.9 53.1 79.7

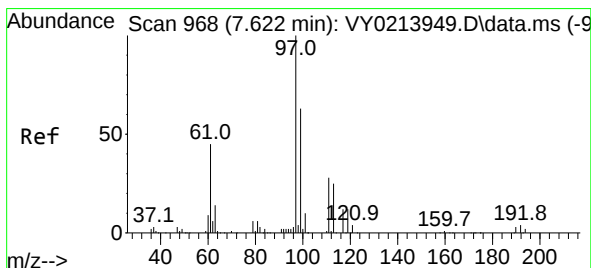
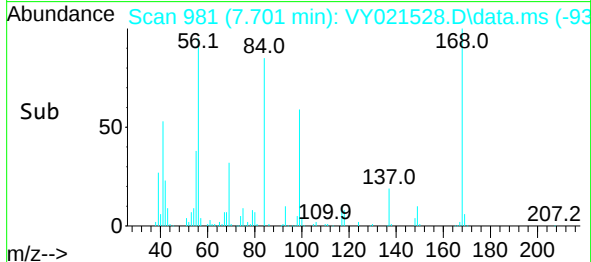
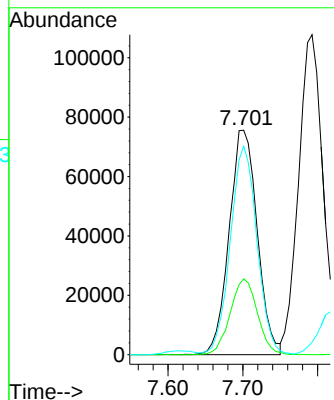
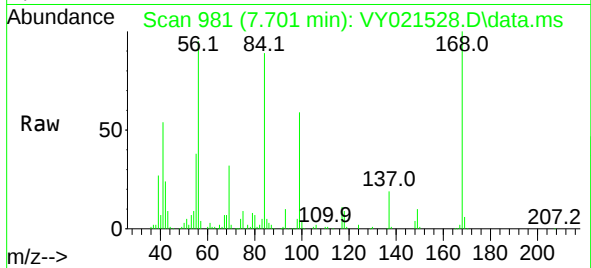




#31
Cyclohexane
Concen: 51.319 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

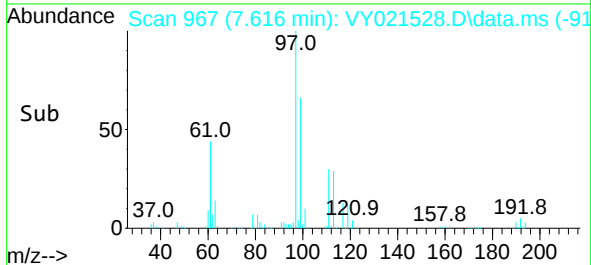
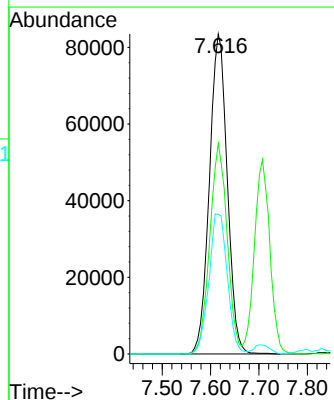
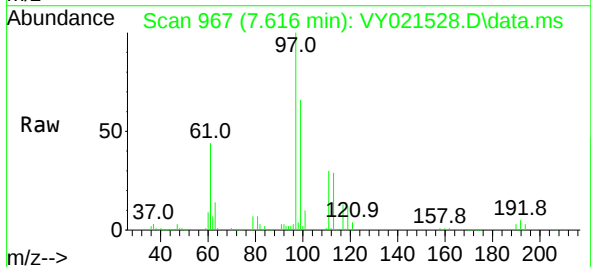
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

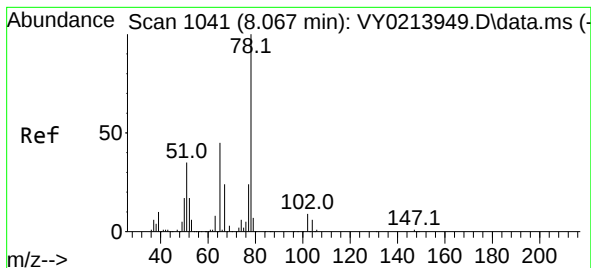
Tgt Ion: 56 Resp: 197860
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.4
84 91.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 54.646 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 97 Resp: 213671
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.951 ug/l

RT: 8.061 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

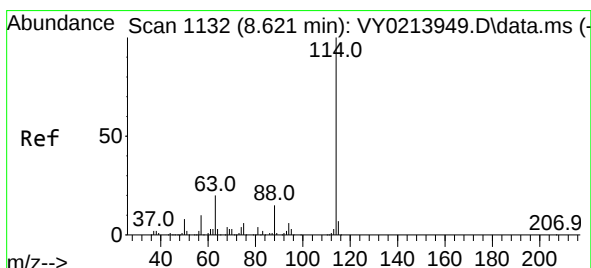
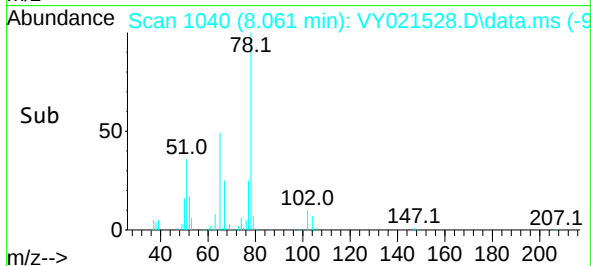
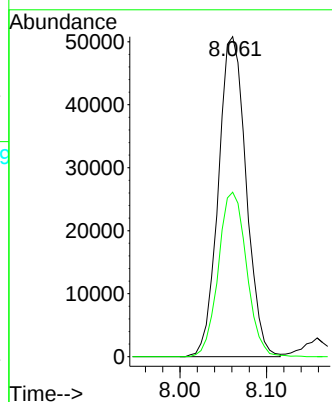
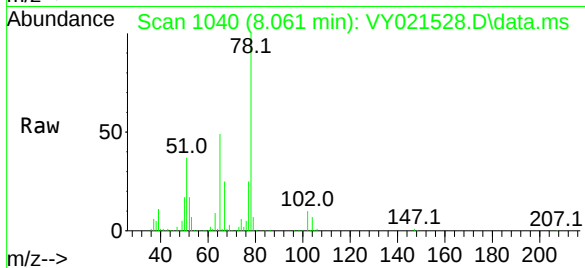
VSTDCCC050EC

Tgt Ion: 65 Resp: 113123

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

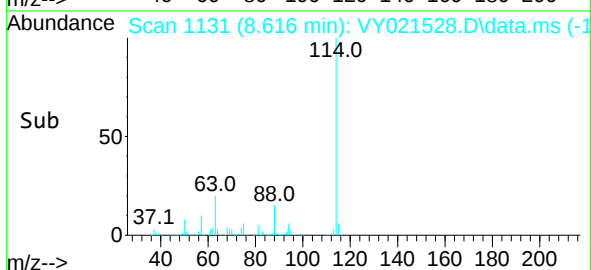
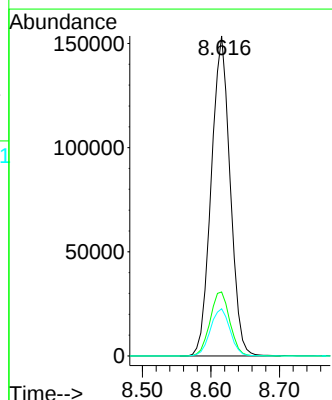
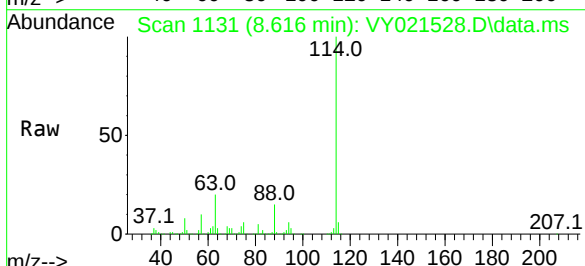
Tgt Ion: 114 Resp: 293071

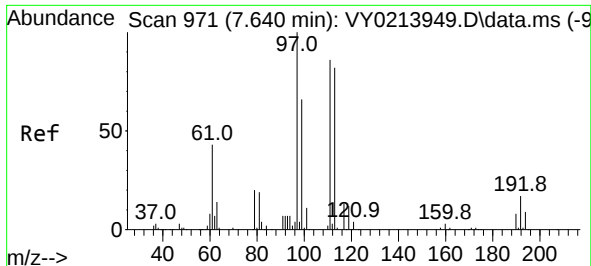
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.342 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

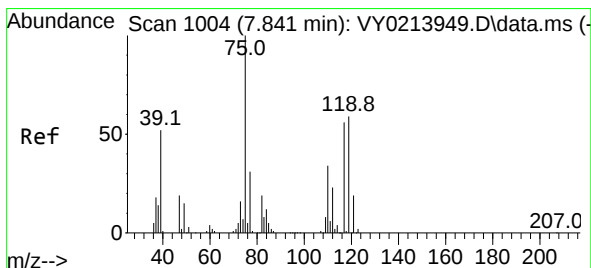
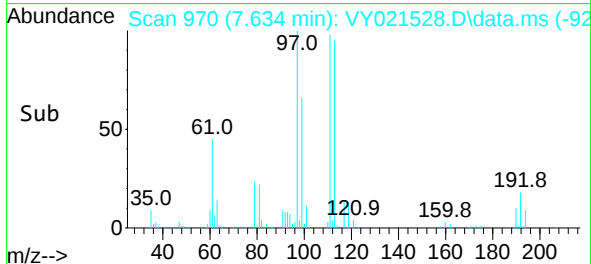
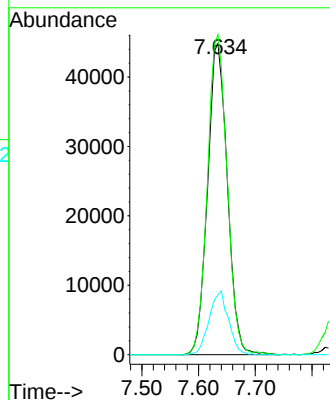
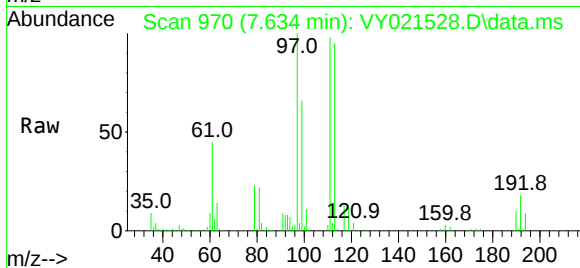
Tgt Ion:113 Resp: 108537

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 20.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 55.821 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

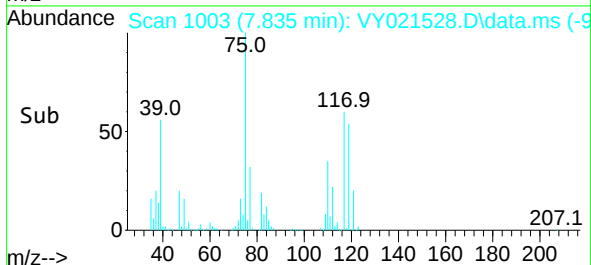
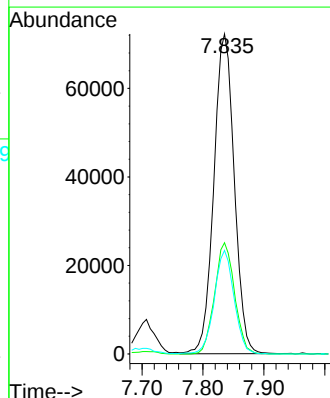
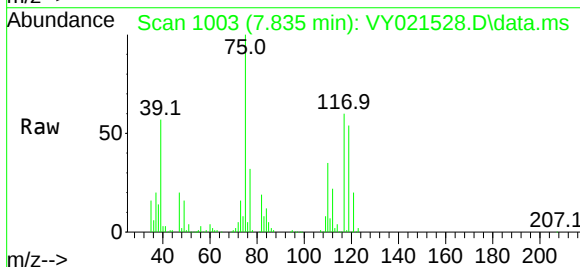
Tgt Ion: 75 Resp: 168325

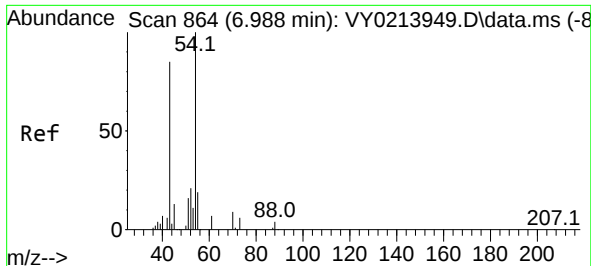
Ion Ratio Lower Upper

75 100

110 34.1 17.3 51.7

77 31.5 25.4 38.2





#37

Ethyl Acetate

Concen: 58.653 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

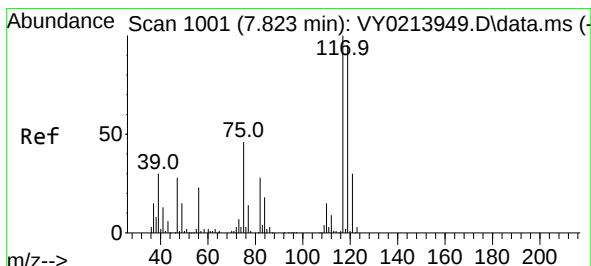
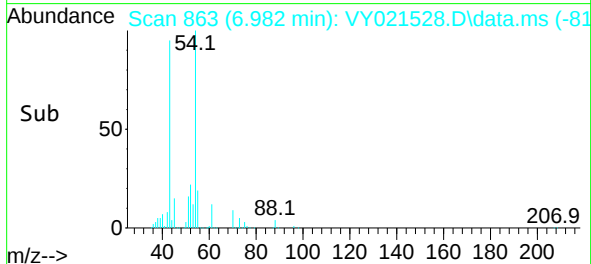
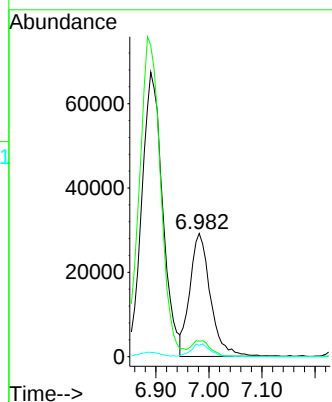
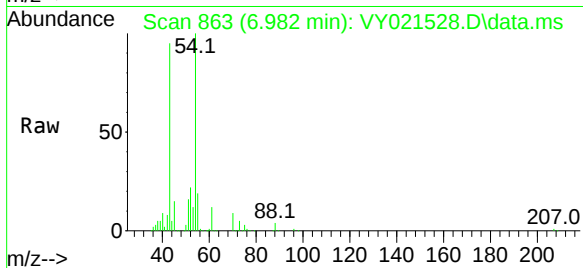
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 78172

Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.4	17.0
70	9.8	8.2	12.2



#38

Carbon Tetrachloride

Concen: 56.078 ug/l

RT: 7.817 min Scan# 1000

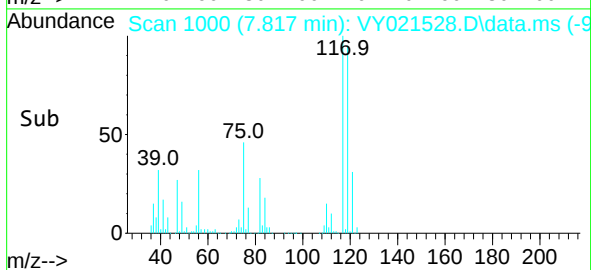
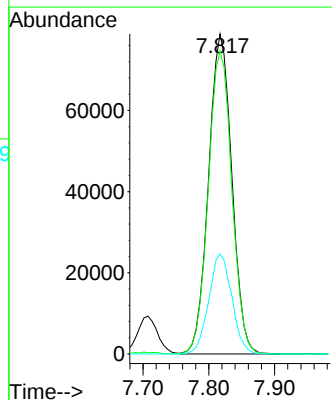
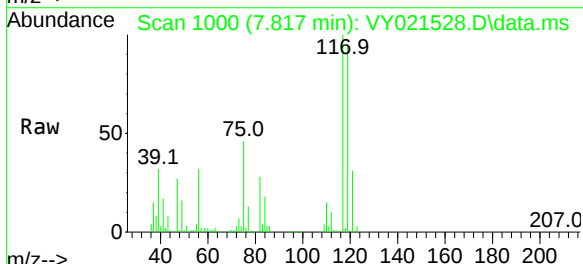
Delta R.T. -0.006 min

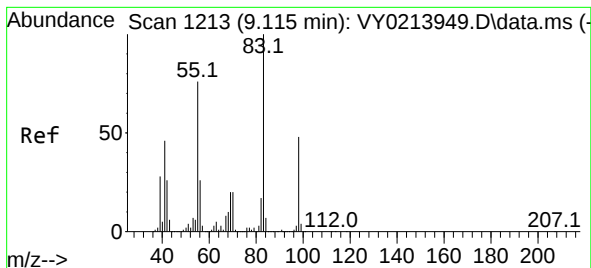
Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Tgt Ion: 117 Resp: 194476

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
121	31.3	23.9	35.9





#39

Methylcyclohexane

Concen: 56.245 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

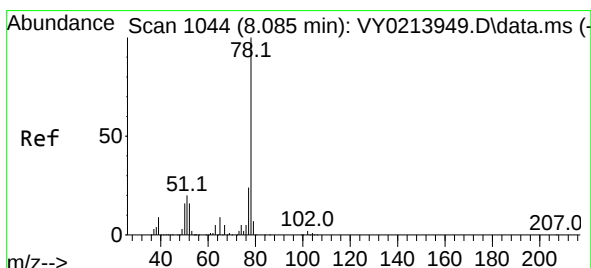
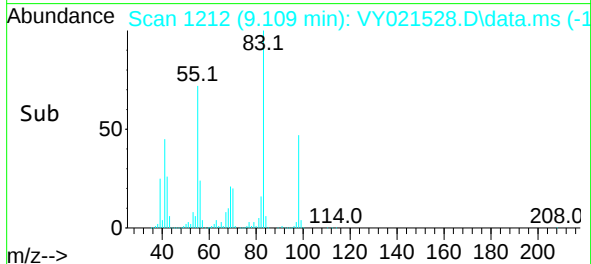
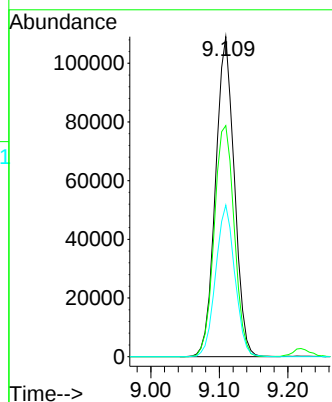
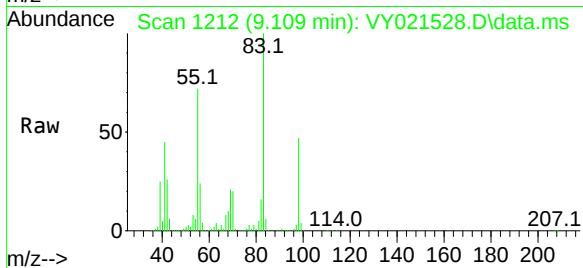
Tgt Ion: 83 Resp: 208037

Ion Ratio Lower Upper

83 100

55 72.2 60.7 91.1

98 47.3 38.6 57.8



#40

Benzene

Concen: 57.004 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021528.D

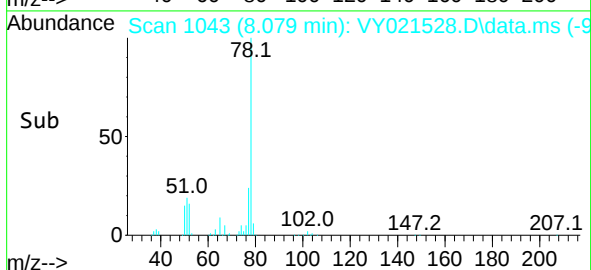
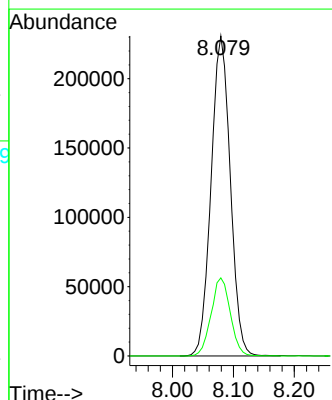
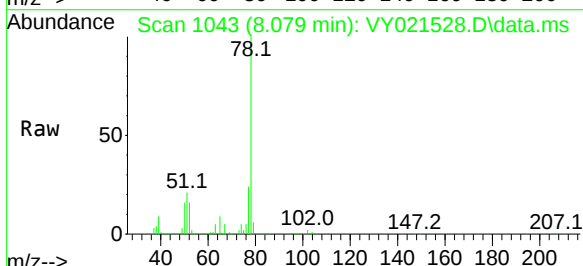
Acq: 13 Mar 2025 16:30

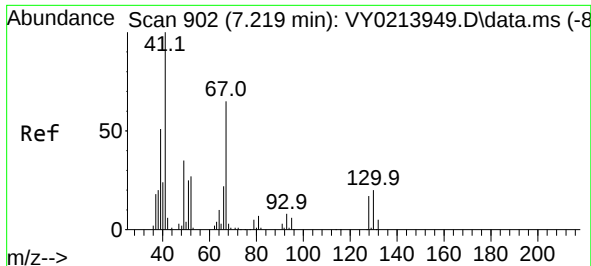
Tgt Ion: 78 Resp: 506358

Ion Ratio Lower Upper

78 100

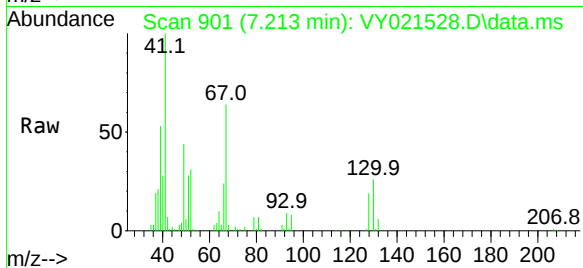
77 24.4 19.0 28.4



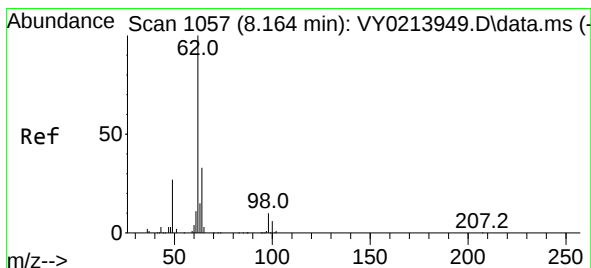
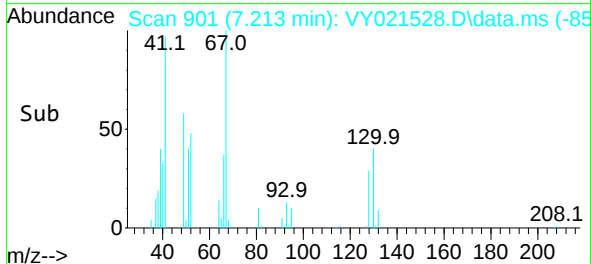
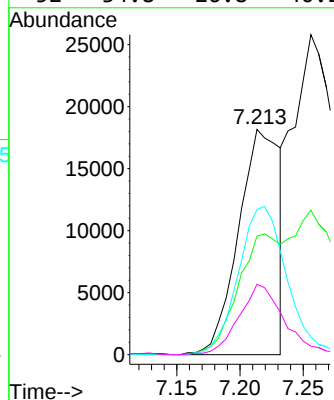


#41
Methacrylonitrile
Concen: 56.755 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

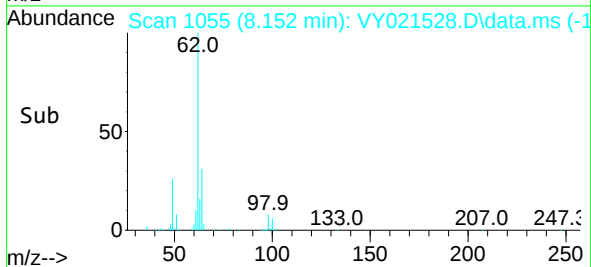
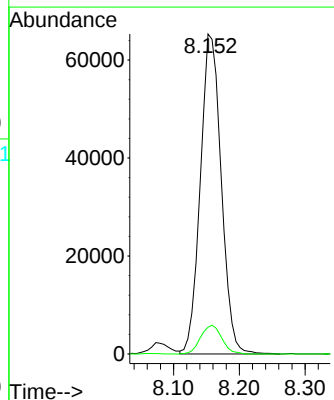
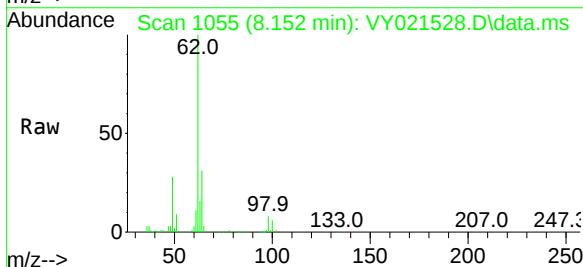


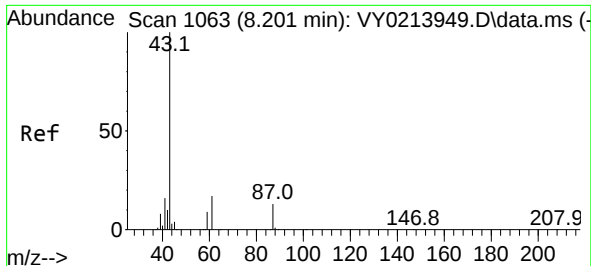
Tgt Ion:	41	Resp:	41187
Ion	Ratio	Lower	Upper
41	100		
39	54.5	35.0	52.6#
67	77.7	61.2	91.8
52	34.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 58.111 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:	62	Resp:	144405
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

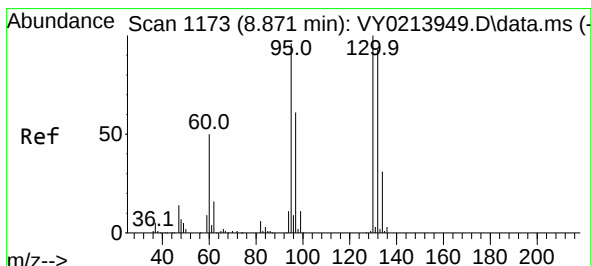
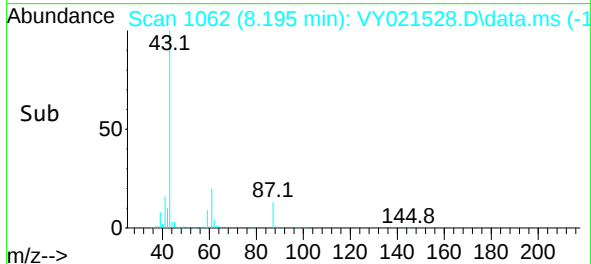
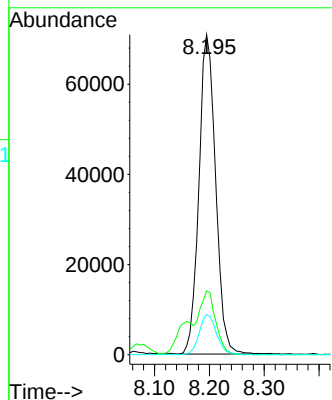
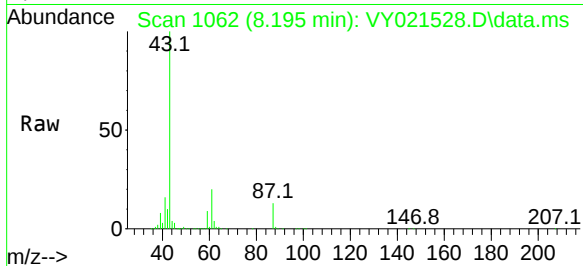




#43
Isopropyl Acetate
Concen: 58.085 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

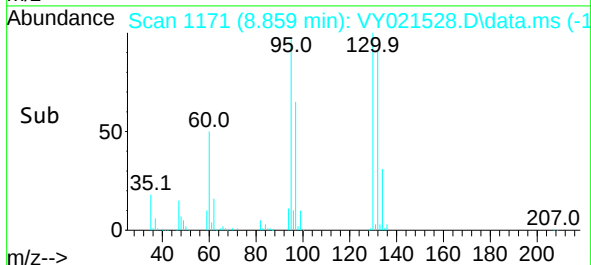
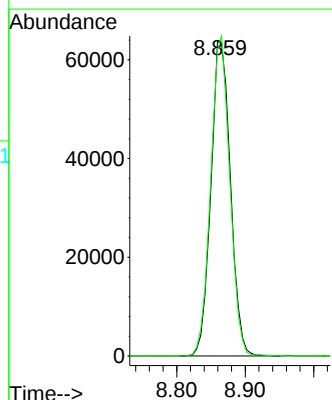
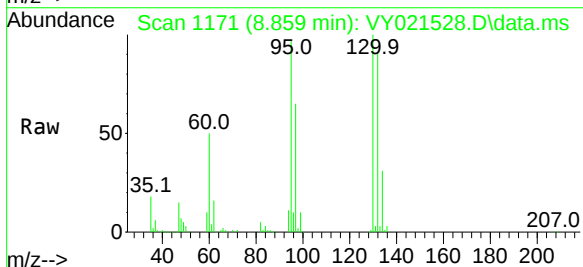
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

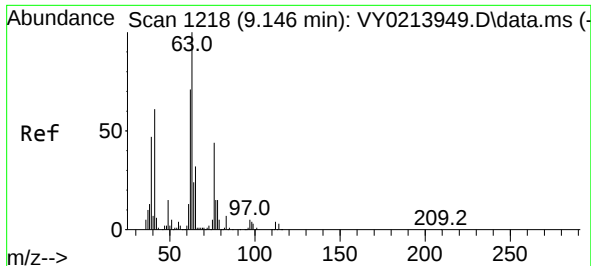
Tgt Ion: 43 Resp: 150281
Ion Ratio Lower Upper
43 100
61 19.9 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 56.248 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:130 Resp: 126259
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.969 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

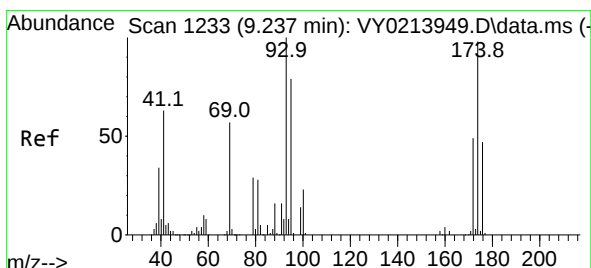
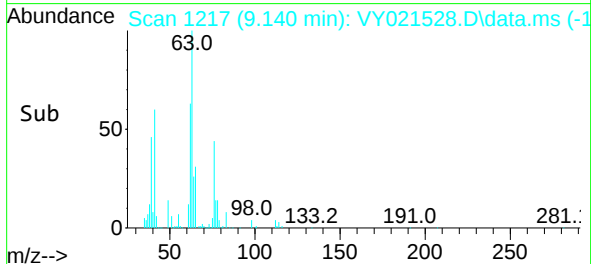
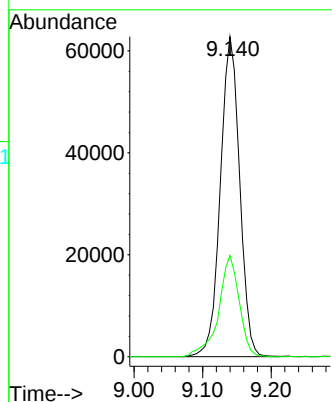
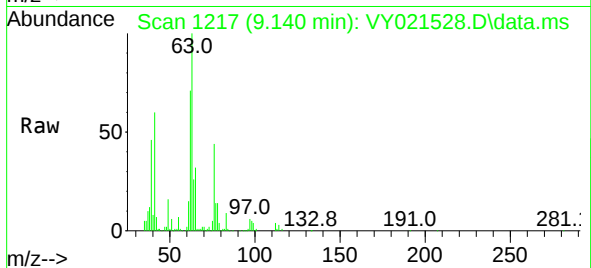
VSTDCCC050EC

Tgt Ion: 63 Resp: 122553

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 58.036 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

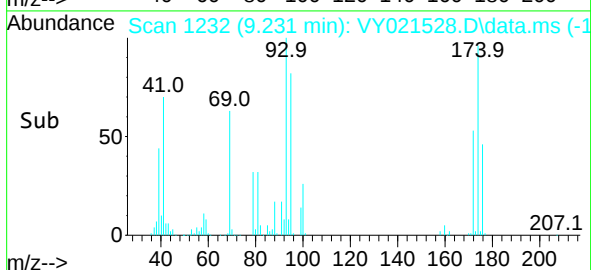
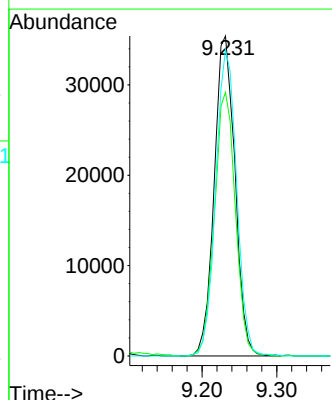
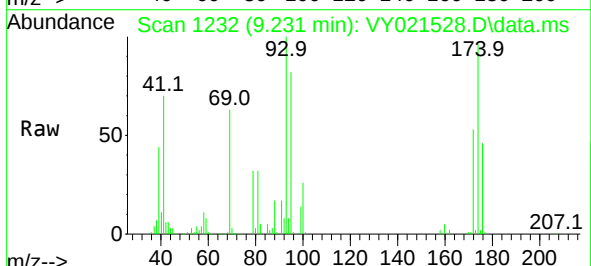
Tgt Ion: 93 Resp: 68268

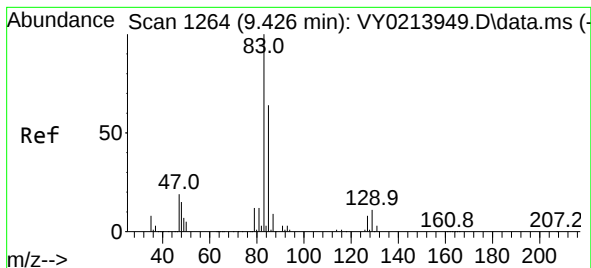
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 96.7 77.9 116.9





#47

Bromodichloromethane

Concen: 58.410 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

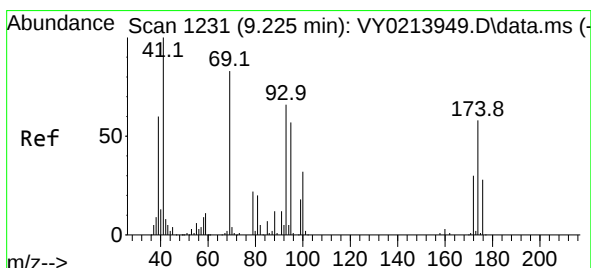
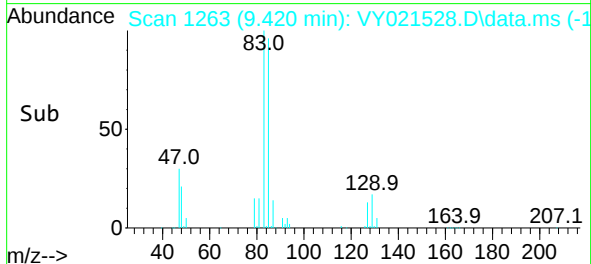
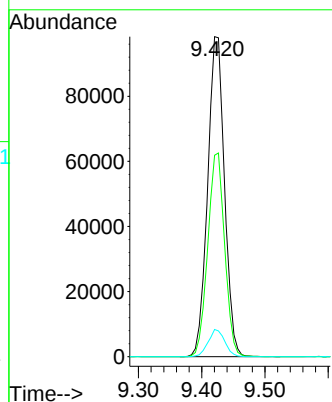
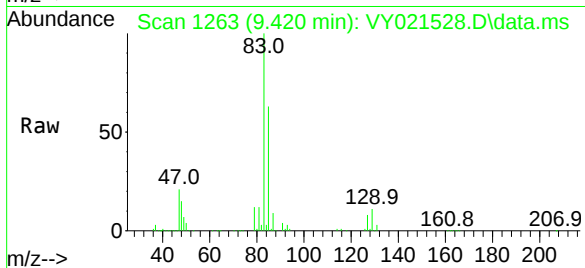
Tgt Ion: 83 Resp: 182466

Ion Ratio Lower Upper

83 100

85 63.0 51.1 76.7

127 8.5 6.7 10.1



#48

Methyl methacrylate

Concen: 60.938 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

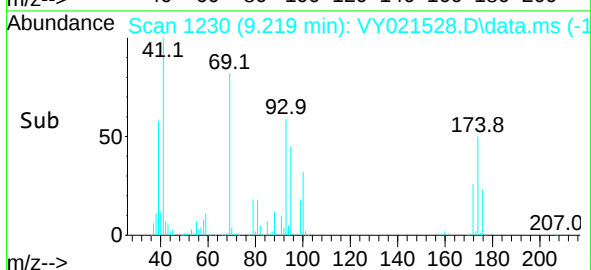
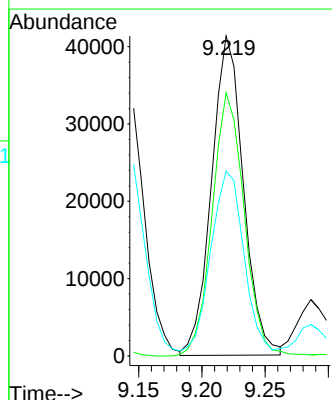
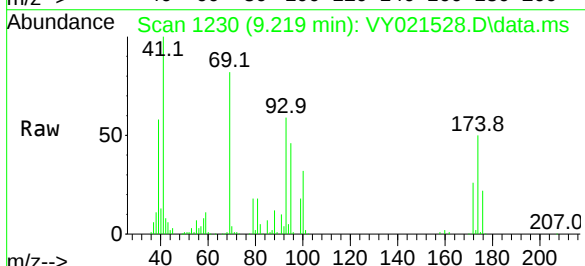
Tgt Ion: 41 Resp: 72397

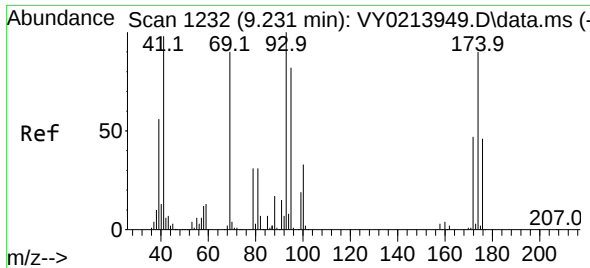
Ion Ratio Lower Upper

41 100

69 82.8 67.8 101.8

39 57.7 46.4 69.6

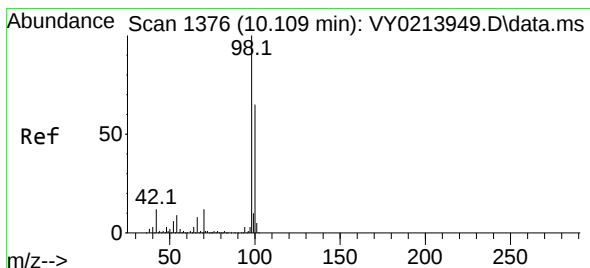
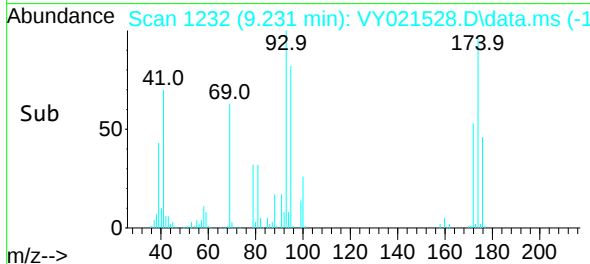
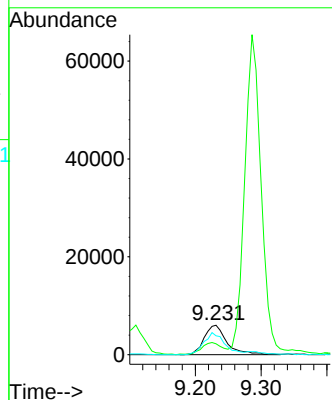
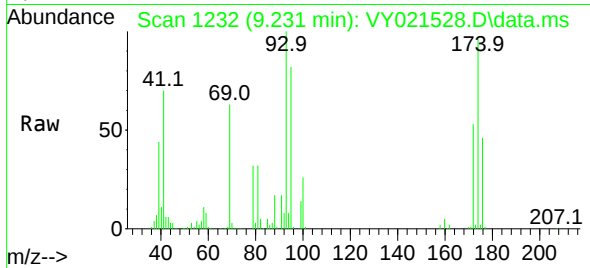




#49
1,4-Dioxane
Concen: 1249.629 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

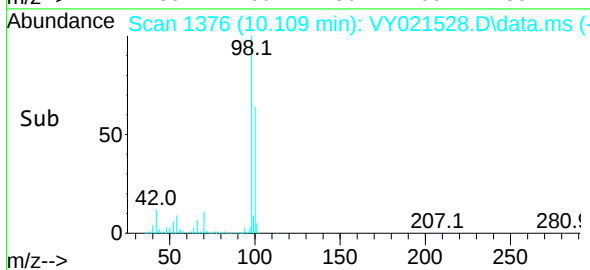
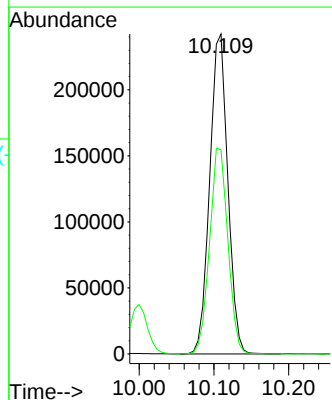
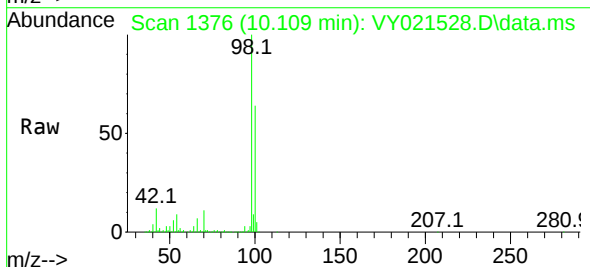
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

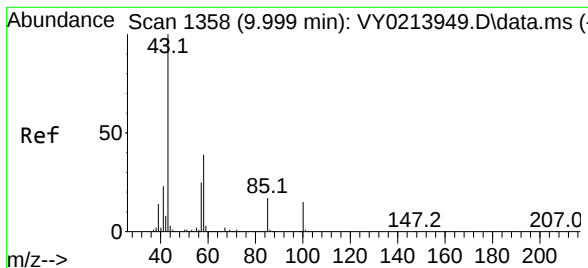
Tgt Ion: 88 Resp: 14428
Ion Ratio Lower Upper
88 100
43 38.6 25.0 37.4#
58 69.2 58.4 87.6



#50
Toluene-d8
Concen: 55.804 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 98 Resp: 407035
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

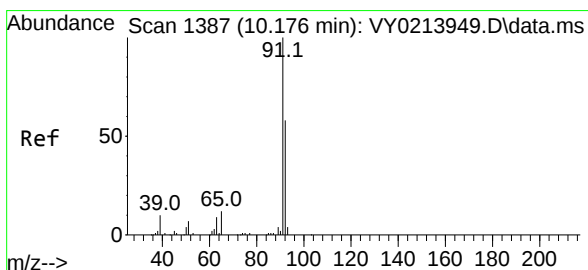
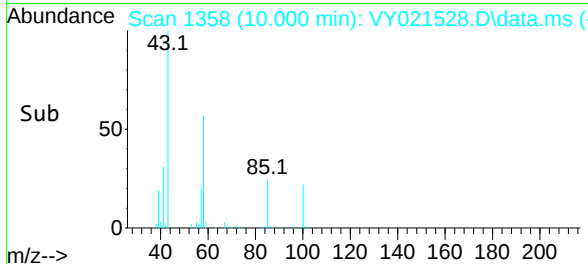
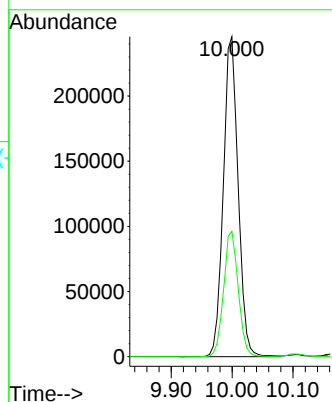
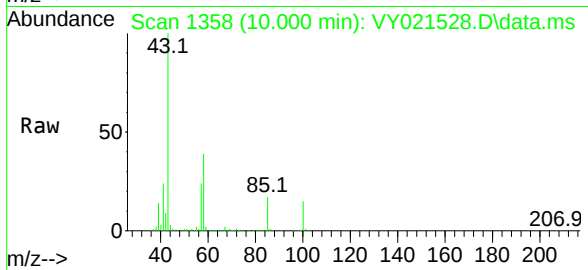




#51
4-Methyl-2-Pentanone
Concen: 309.651 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

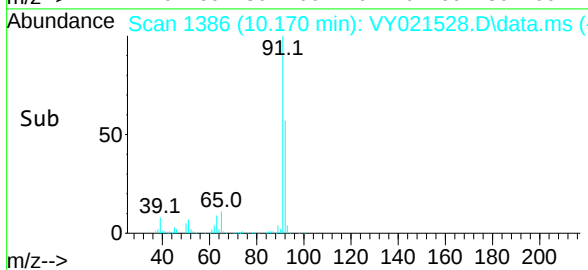
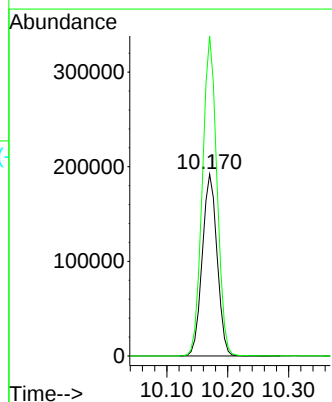
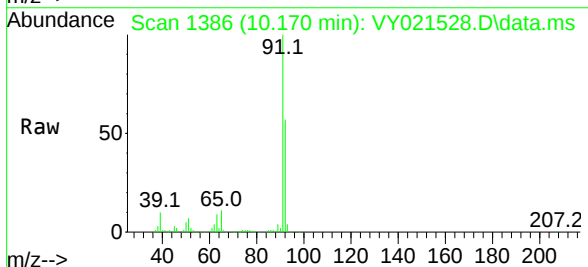
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

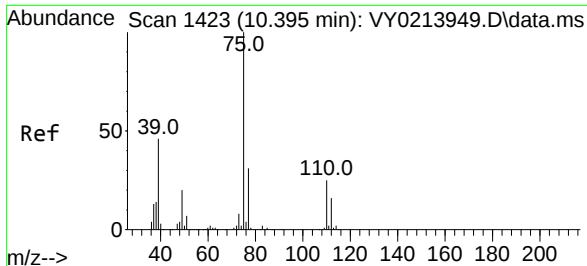
Tgt Ion: 43 Resp: 413365
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



#52
Toluene
Concen: 58.046 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 92 Resp: 325070
Ion Ratio Lower Upper
92 100
91 173.0 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 59.243 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

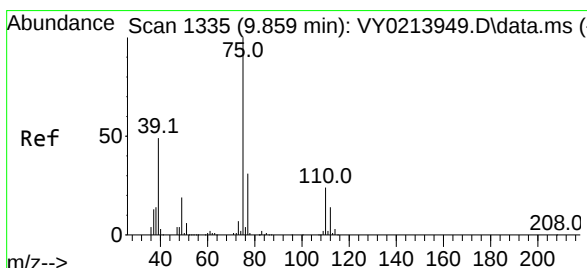
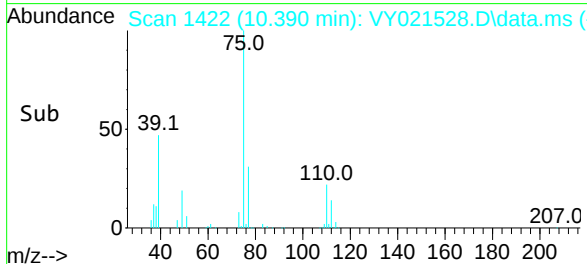
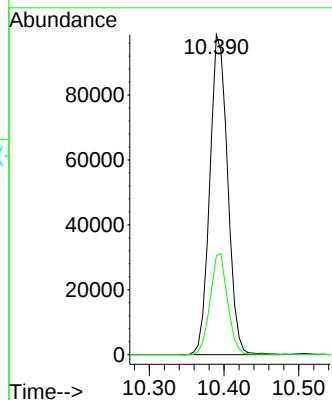
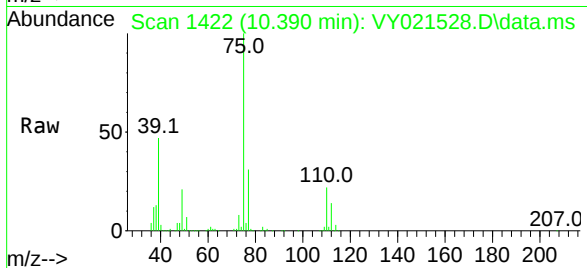
VSTDCCC050EC

Tgt Ion: 75 Resp: 163048

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 58.044 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

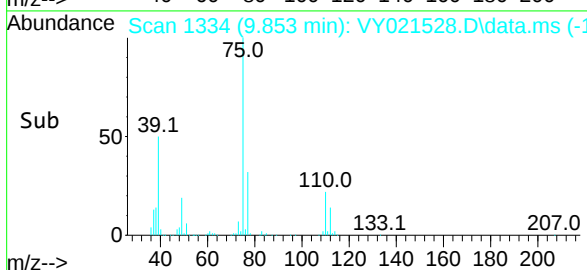
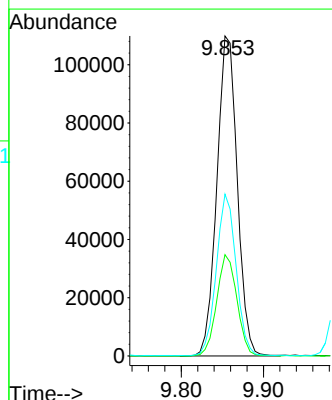
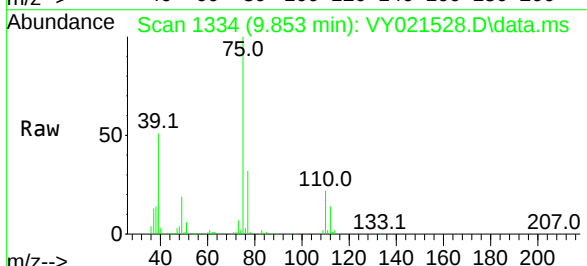
Tgt Ion: 75 Resp: 189665

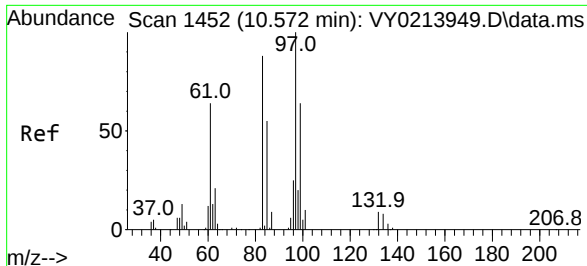
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 50.4 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 58.650 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90246

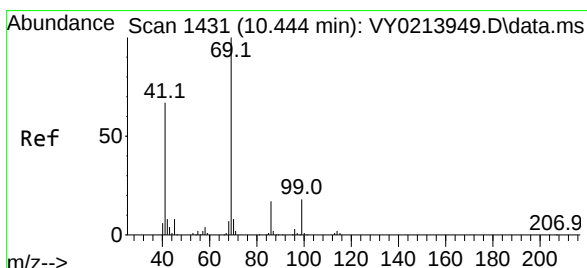
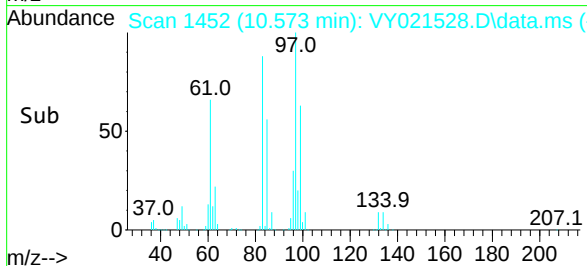
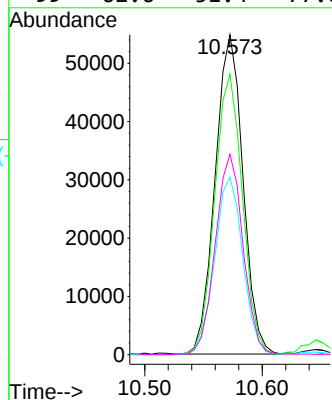
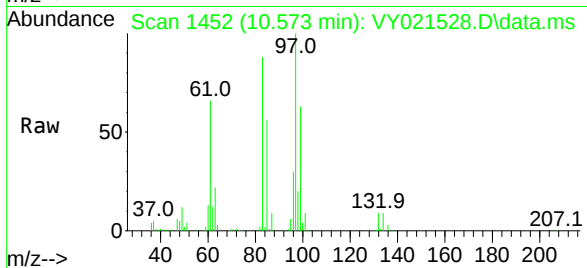
Ion Ratio Lower Upper

97 100

83 87.6 70.0 105.0

85 55.5 44.3 66.5

99 62.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 62.501 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

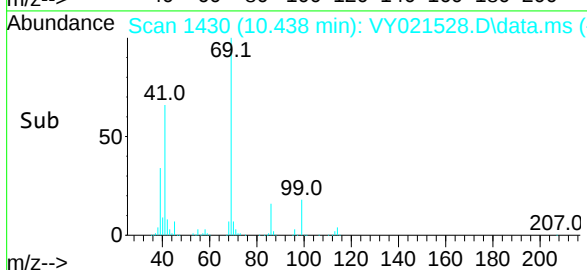
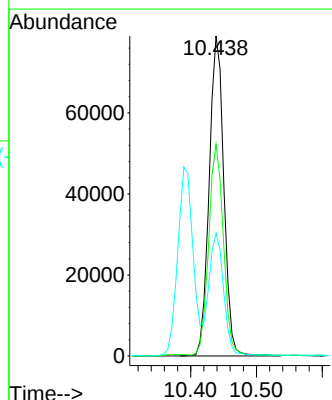
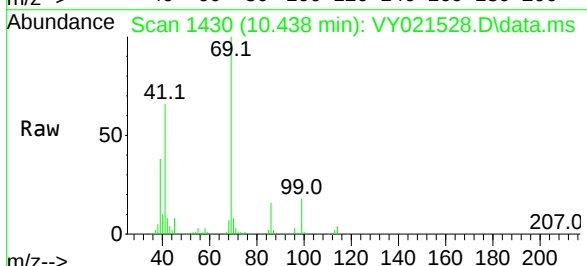
Tgt Ion: 69 Resp: 122653

Ion Ratio Lower Upper

69 100

41 65.9 53.3 79.9

39 39.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 58.758 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

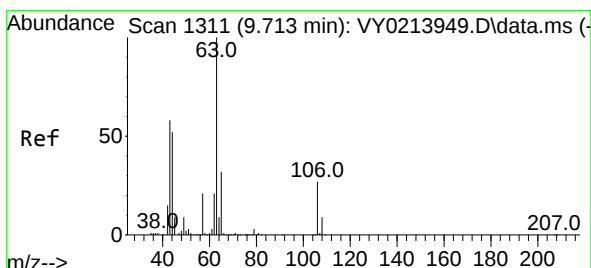
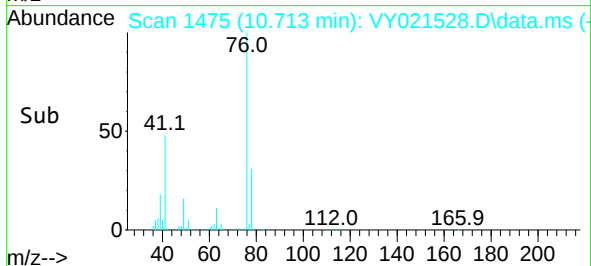
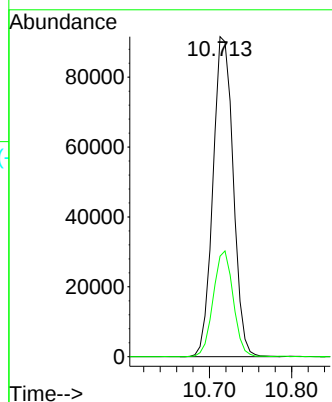
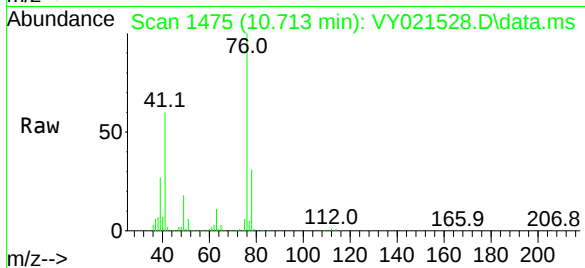
VSTDCCC050EC

Tgt Ion: 76 Resp: 156702

Ion Ratio Lower Upper

76 100

78 32.7 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 320.040 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021528.D

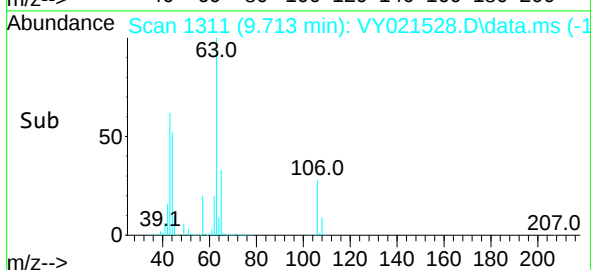
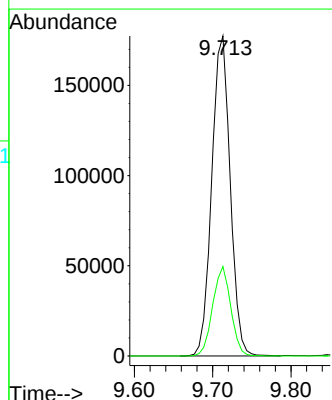
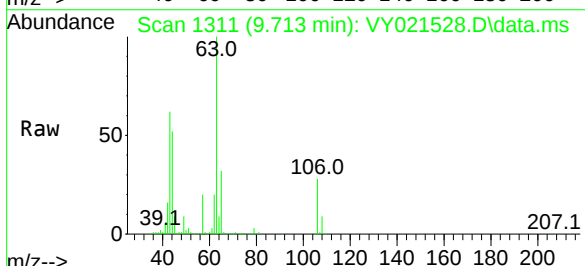
Acq: 13 Mar 2025 16:30

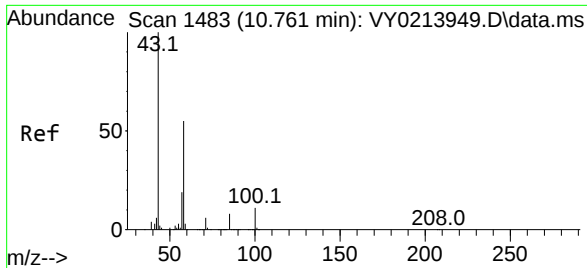
Tgt Ion: 63 Resp: 289925

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

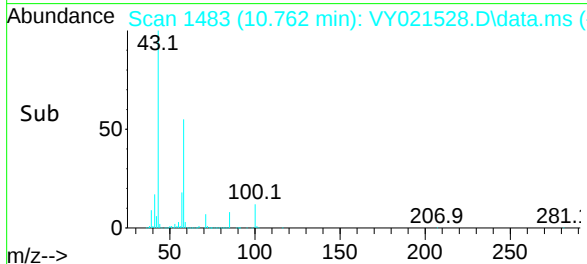
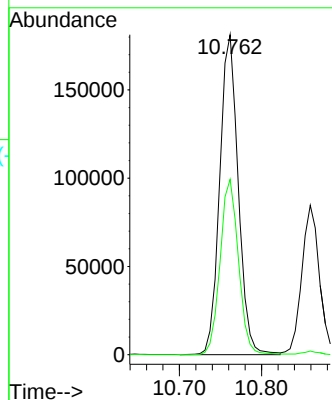
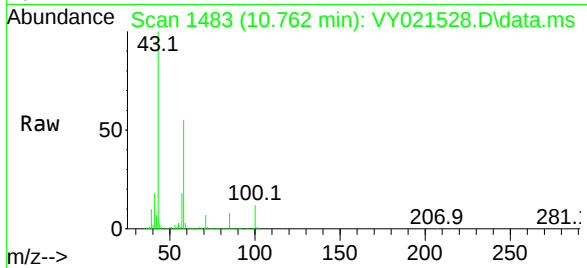




#59
2-Hexanone
Concen: 321.719 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

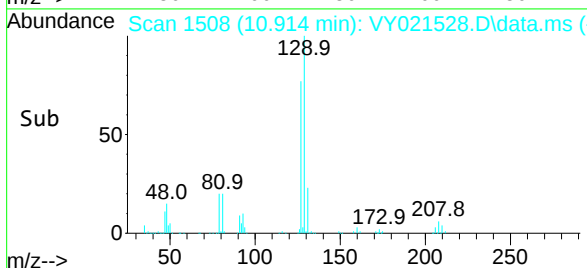
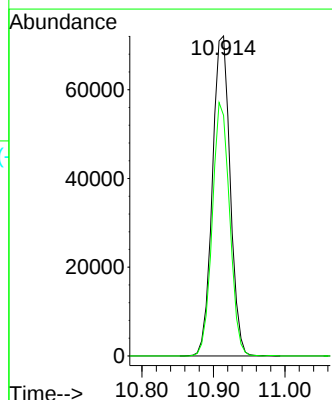
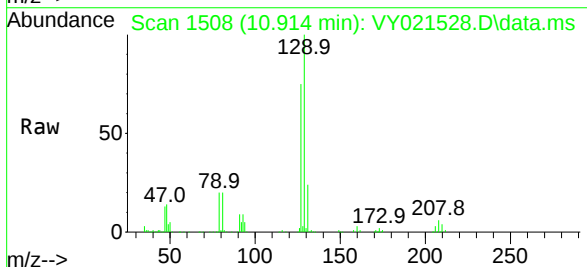
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

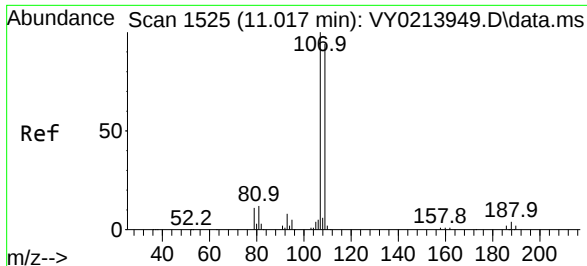
Tgt Ion: 43 Resp: 283980
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 58.981 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 129 Resp: 124419
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

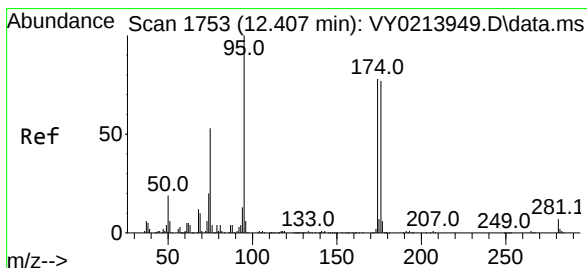
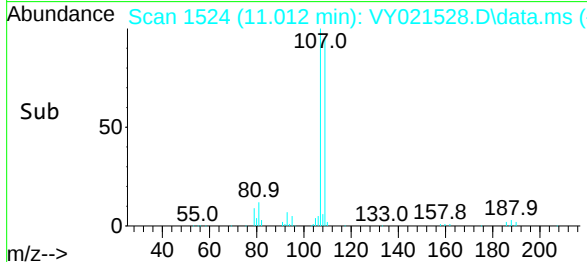
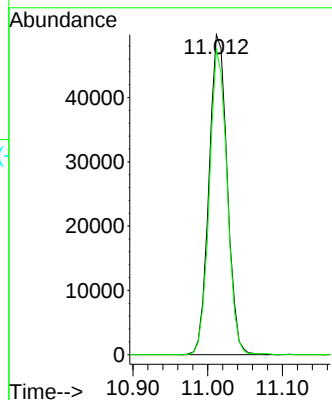
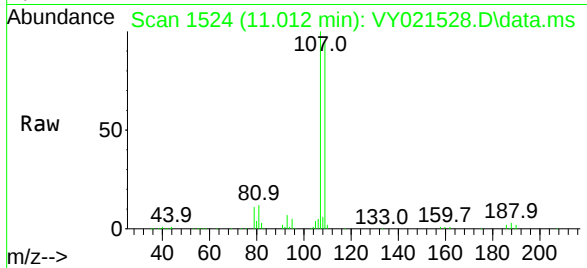




#61
1,2-Dibromoethane
Concen: 58.101 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

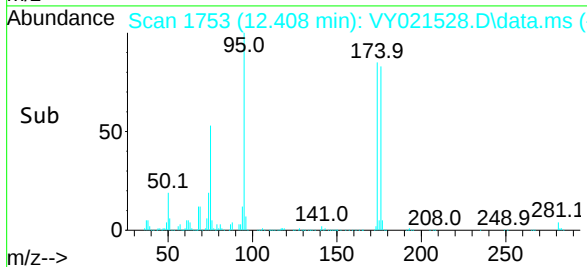
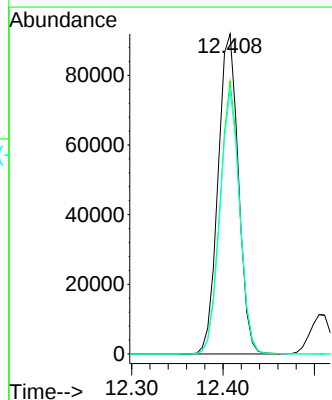
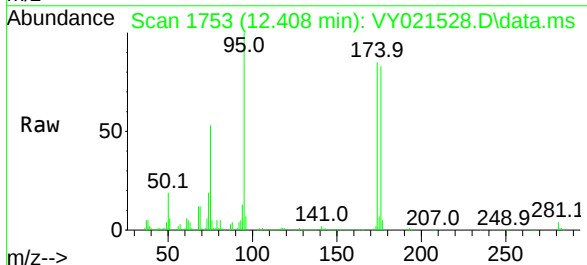
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

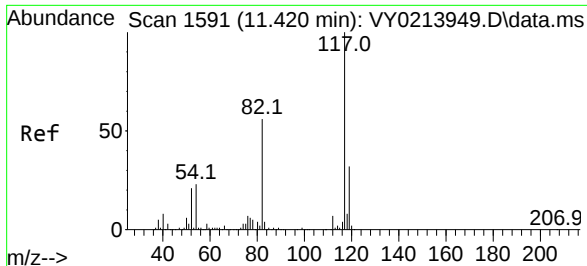
Tgt Ion:107 Resp: 84377
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 57.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 95 Resp: 142345
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 79.6 0.0 160.0

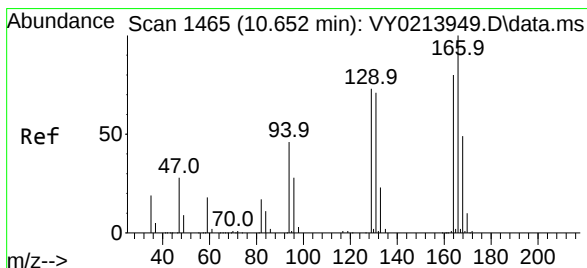
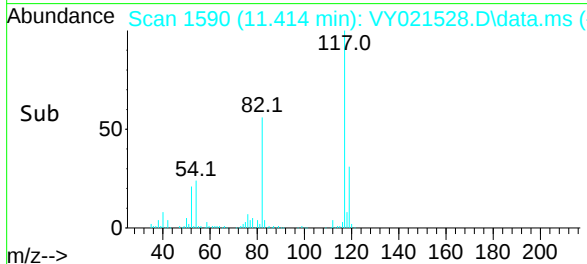
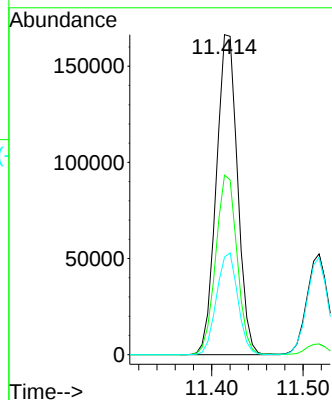
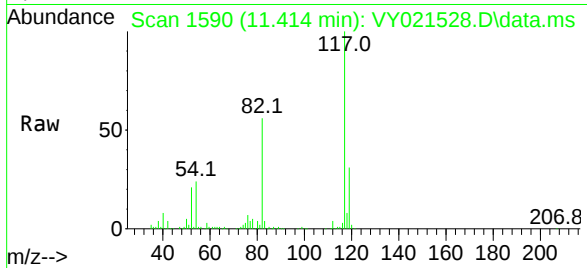




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

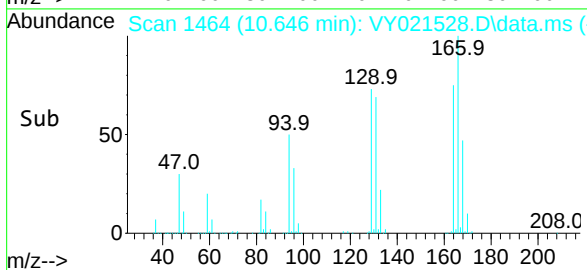
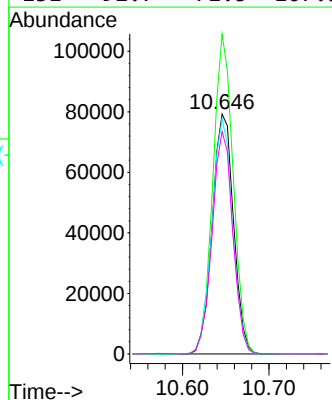
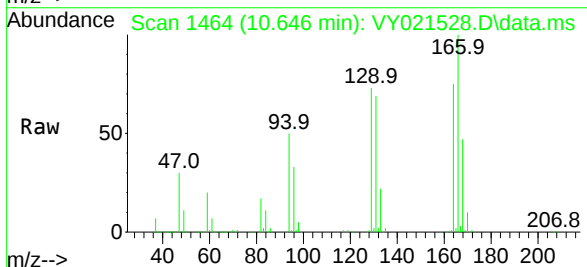
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

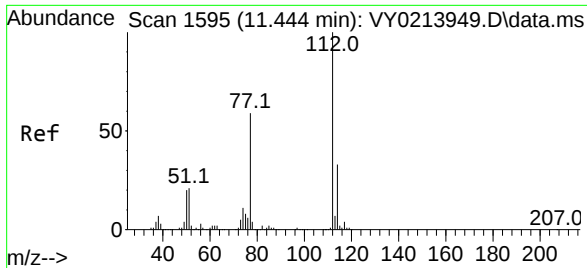
Tgt Ion:117 Resp: 269121
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 30.5 25.4 38.0



#64
Tetrachloroethene
Concen: 61.634 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:164 Resp: 134879
Ion Ratio Lower Upper
164 100
166 133.5 100.4 150.6
129 98.0 73.8 110.8
131 92.7 71.5 107.3

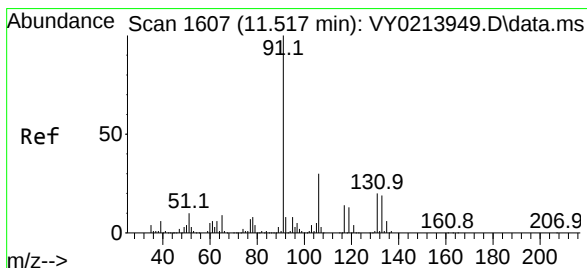
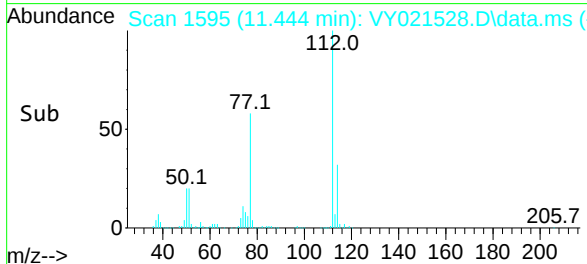
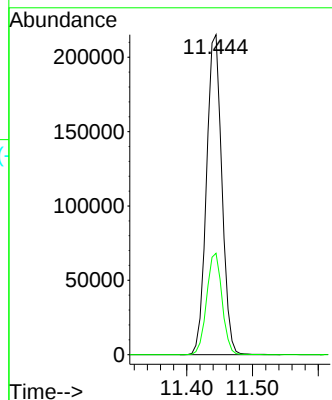
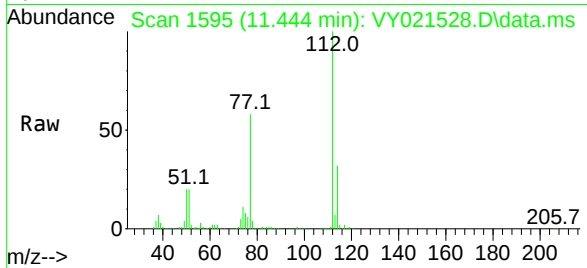




#65
Chlorobenzene
Concen: 54.914 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

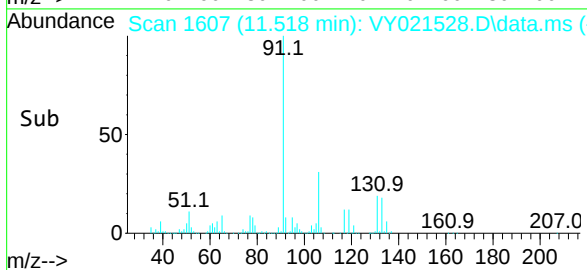
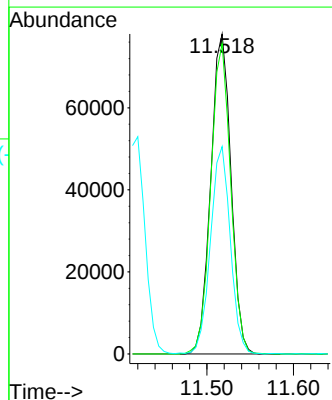
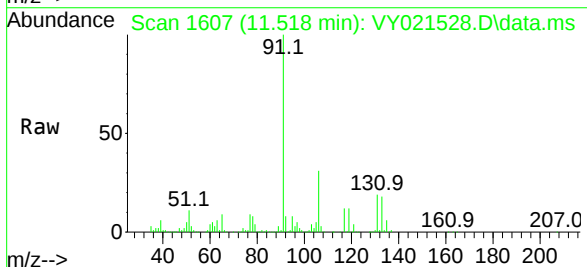
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

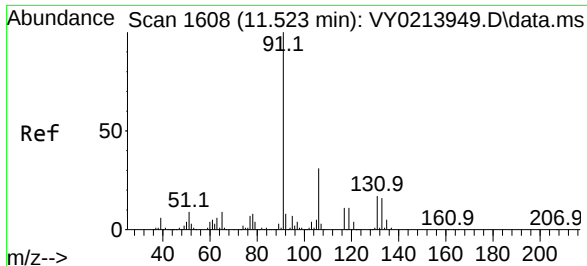
Tgt Ion:112 Resp: 348988
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 56.176 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:131 Resp: 126220
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.8 32.3 96.9





#67

Ethyl Benzene

Concen: 56.189 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

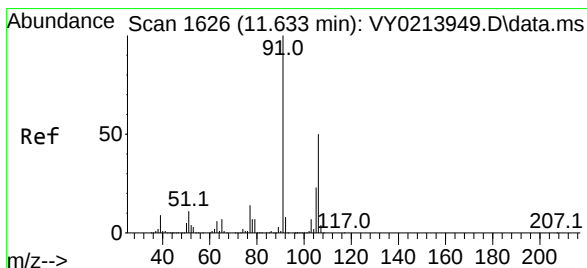
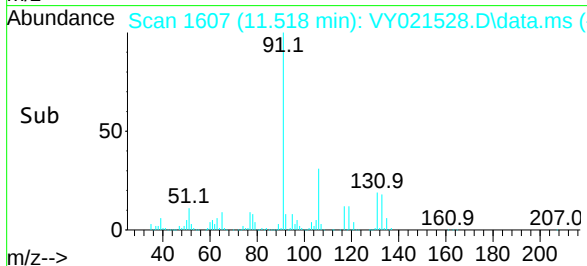
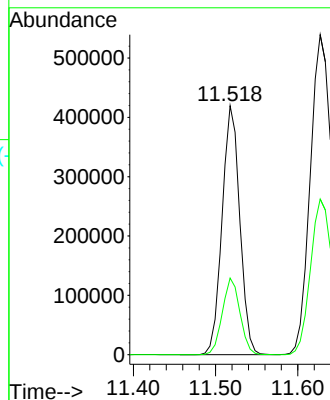
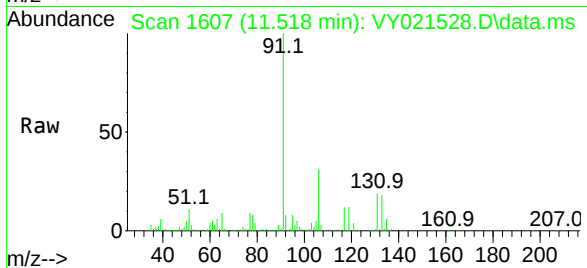
VSTDCCC050EC

Tgt Ion: 91 Resp: 626767

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 112.573 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021528.D

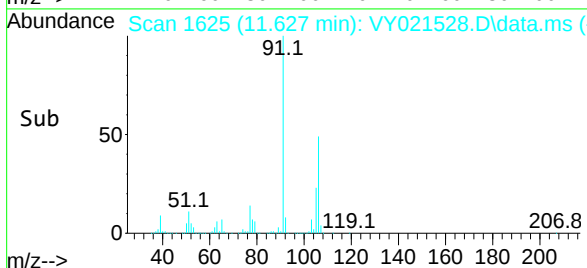
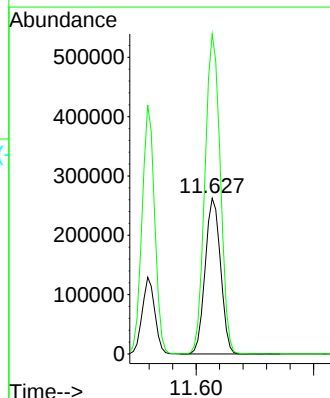
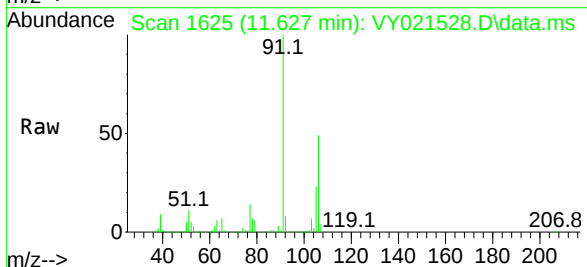
Acq: 13 Mar 2025 16:30

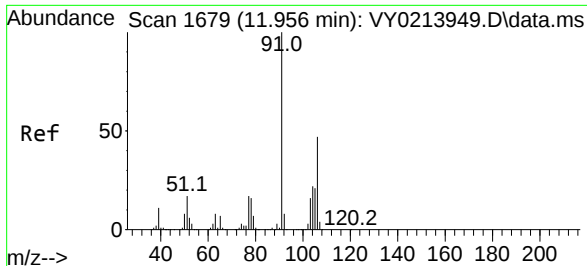
Tgt Ion:106 Resp: 476729

Ion Ratio Lower Upper

106 100

91 205.1 161.7 242.5

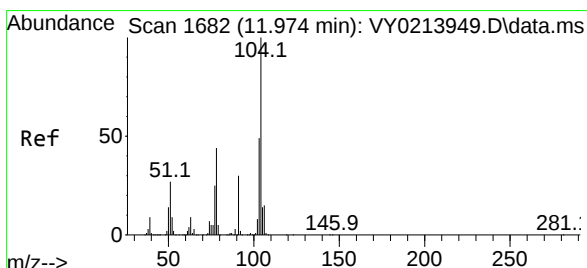
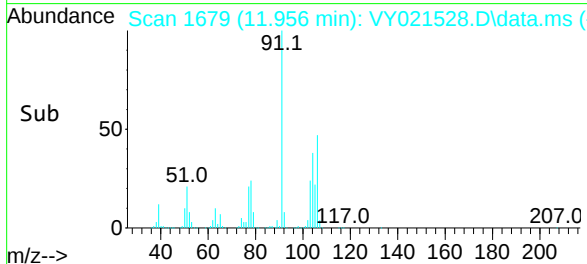
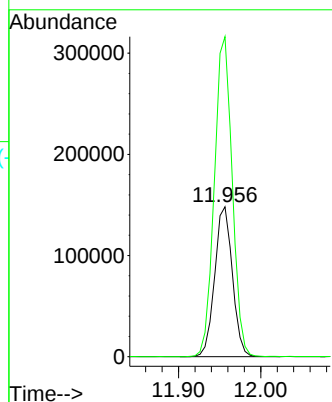
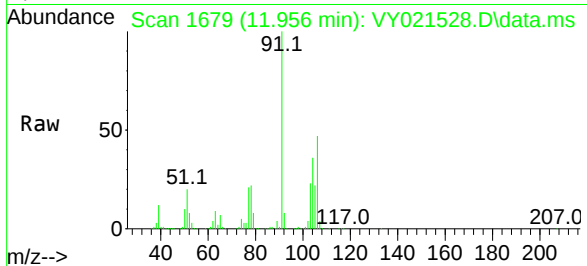




#69
o-Xylene
Concen: 56.761 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

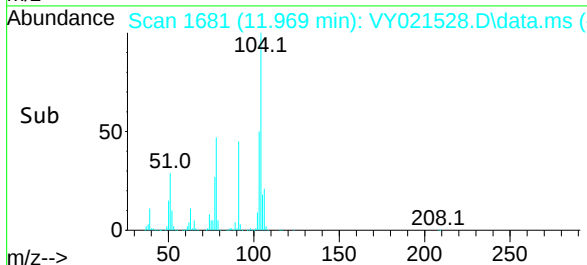
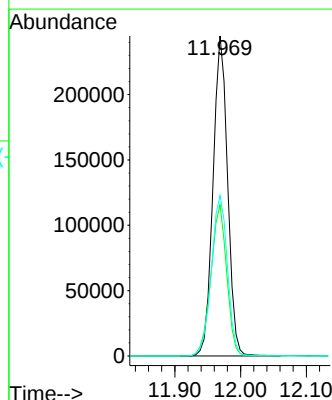
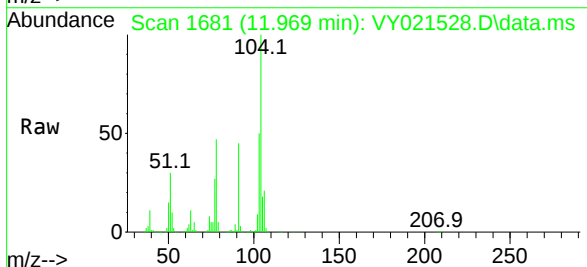
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

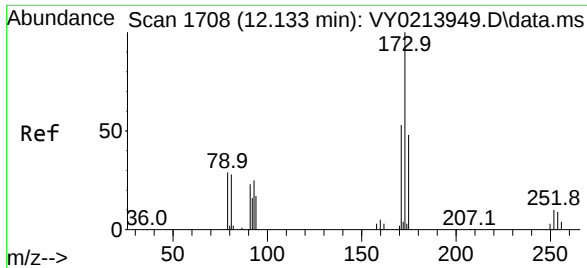
Tgt Ion:106 Resp: 221537
Ion Ratio Lower Upper
106 100
91 215.9 107.6 322.8



#70
Styrene
Concen: 58.387 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:104 Resp: 378051
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 55.2 44.1 66.1

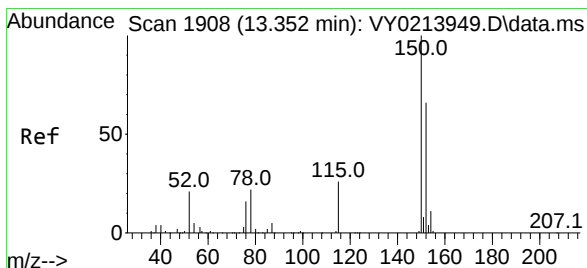
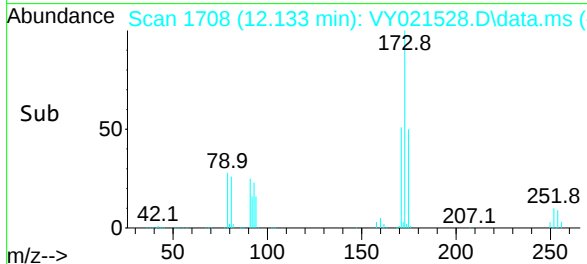
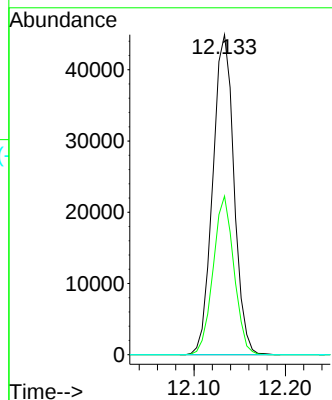
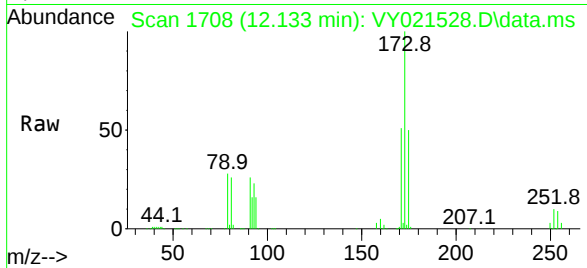




#71
Bromoform
Concen: 57.550 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

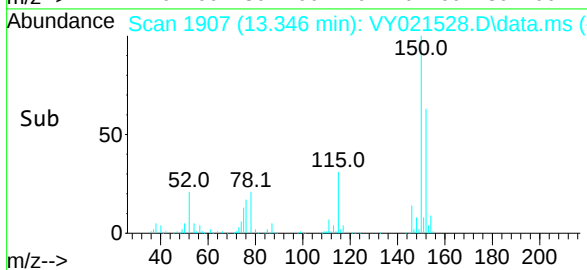
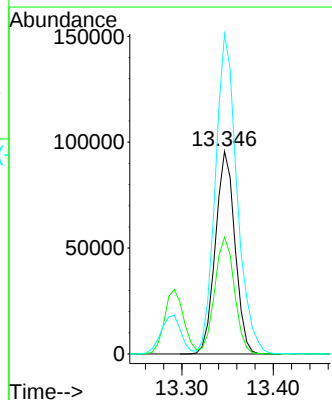
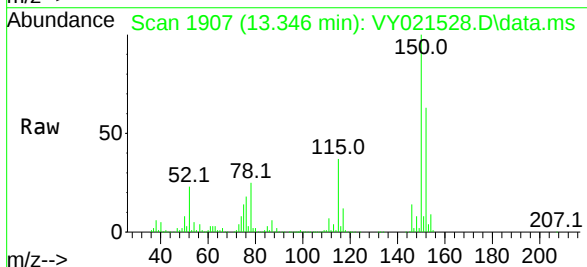
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

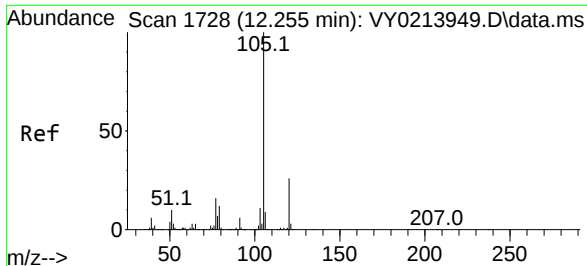
Tgt Ion:173 Resp: 72284
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:152 Resp: 141970
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 175.2 0.0 347.2

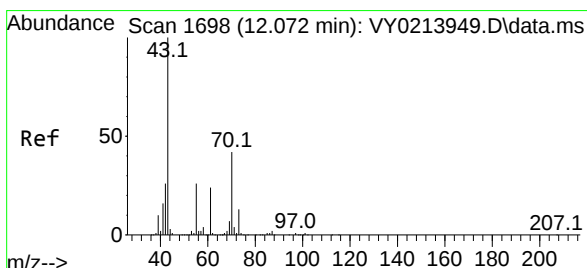
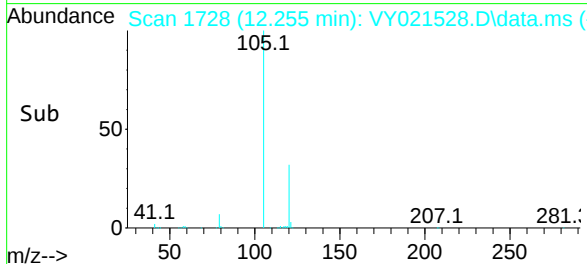
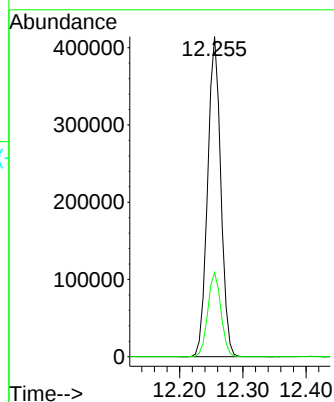
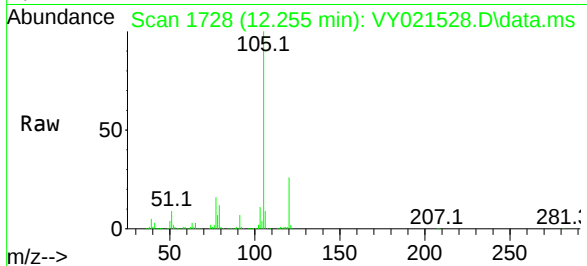




#73
Isopropylbenzene
Concen: 53.693 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

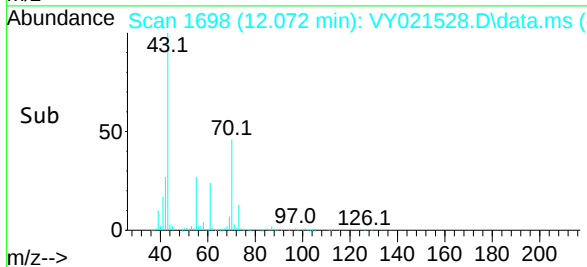
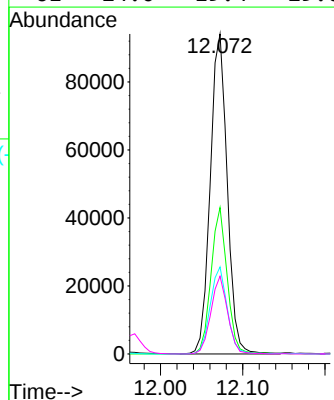
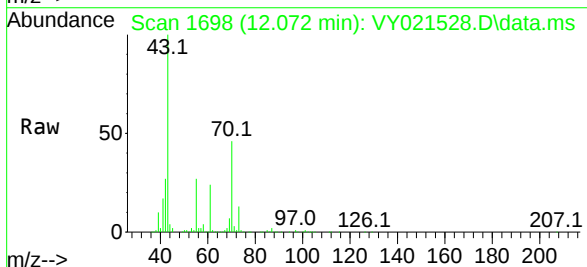
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

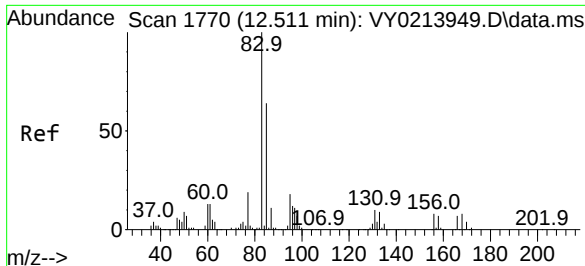
Tgt Ion:105 Resp: 600467
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 55.580 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 43 Resp: 134988
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 27.4 21.1 31.7
61 24.0 19.4 29.0

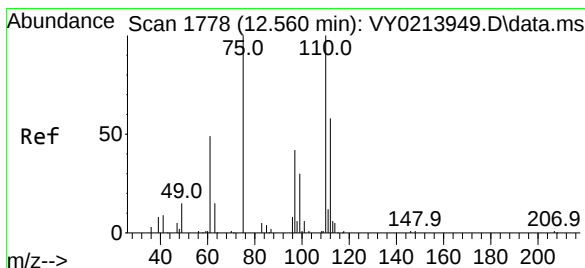
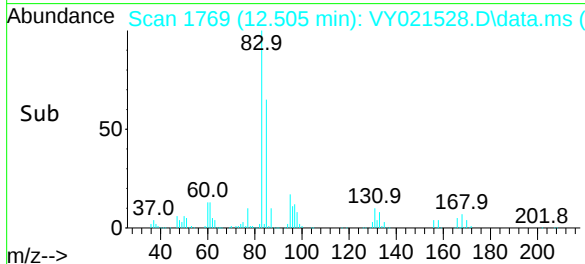
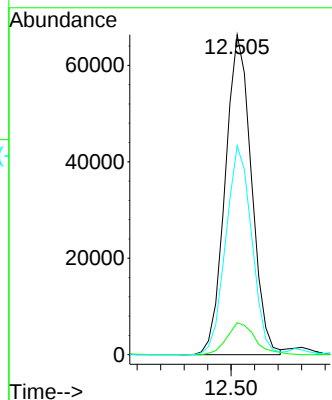
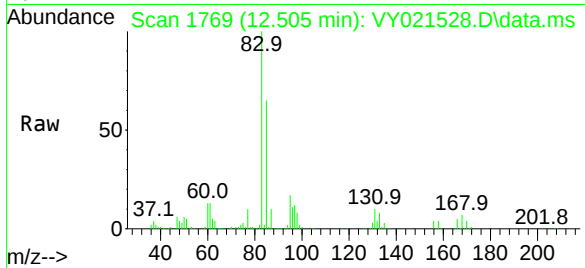




#75
 1,1,2-Tetrachloroethane
 Concen: 52.045 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

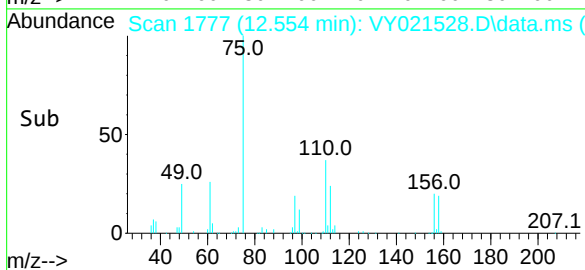
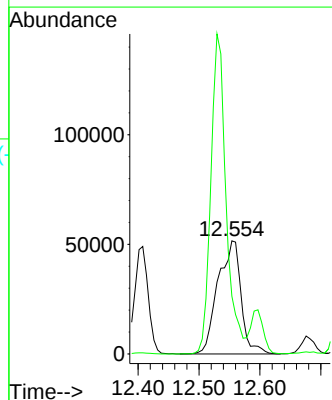
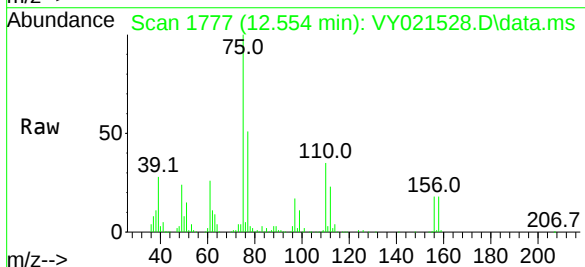
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

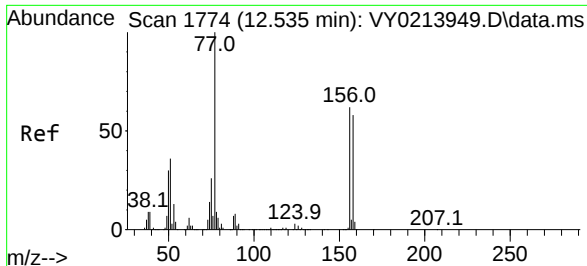
Tgt Ion: 83 Resp: 102710
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 64.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 95.420 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion: 75 Resp: 136509
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

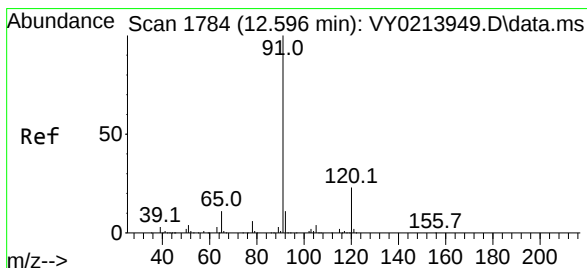
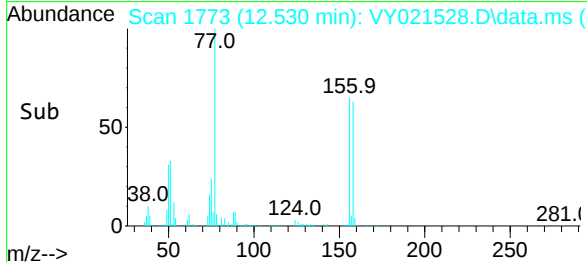
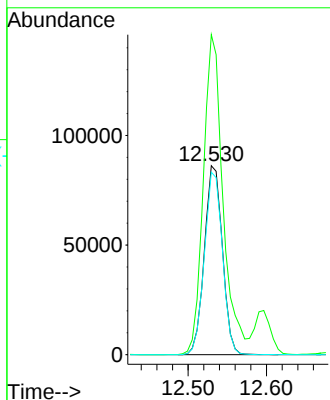
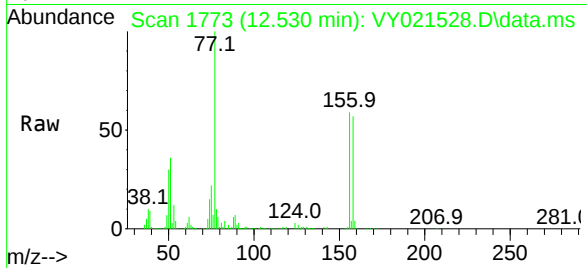




#77
Bromobenzene
Concen: 52.584 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

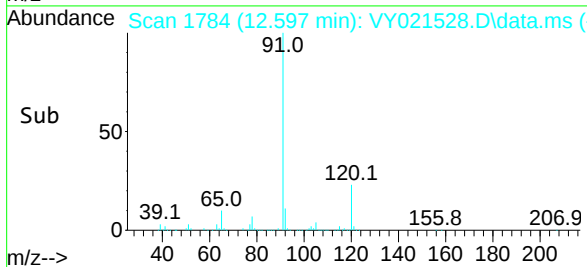
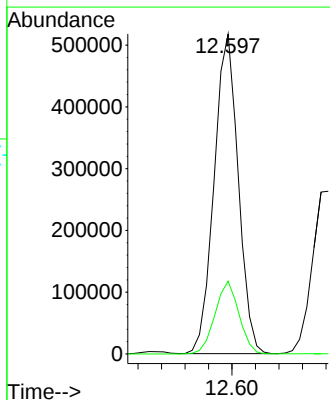
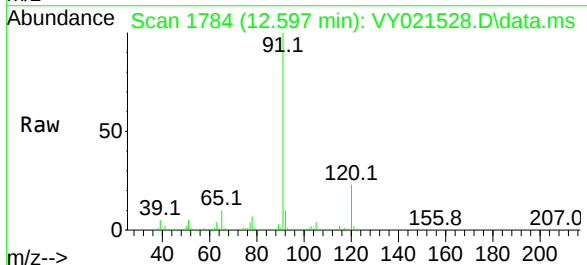
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

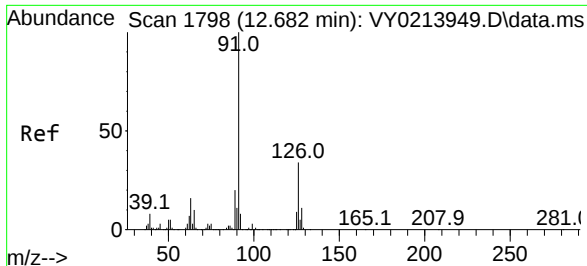
Tgt Ion:156 Resp: 137576
Ion Ratio Lower Upper
156 100
77 183.8 93.6 280.8
158 96.7 48.3 144.8



#78
n-propylbenzene
Concen: 54.375 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 91 Resp: 738516
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 53.162 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

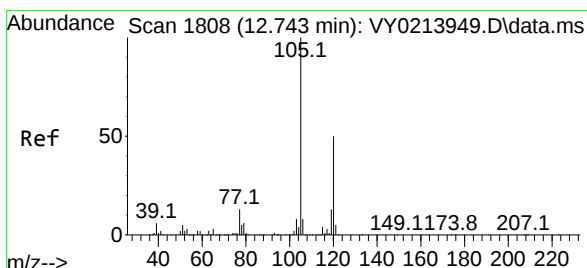
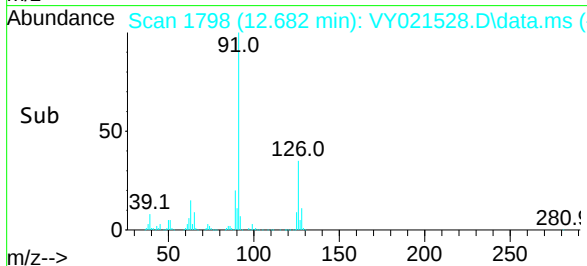
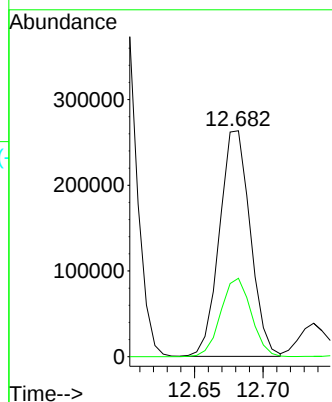
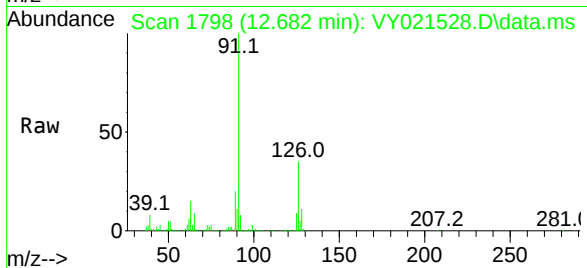
VSTDCCC050EC

Tgt Ion: 91 Resp: 412855

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 54.603 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021528.D

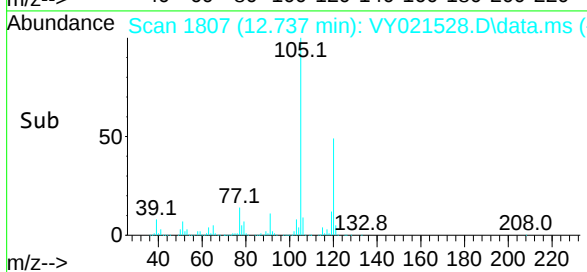
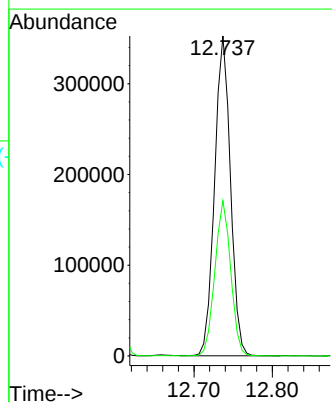
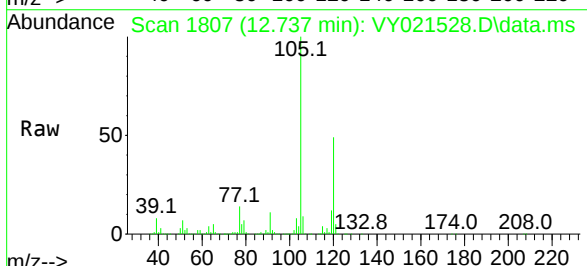
Acq: 13 Mar 2025 16:30

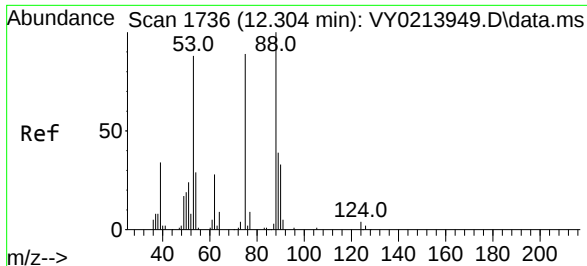
Tgt Ion: 105 Resp: 496250

Ion Ratio Lower Upper

105 100

120 48.4 24.6 73.6

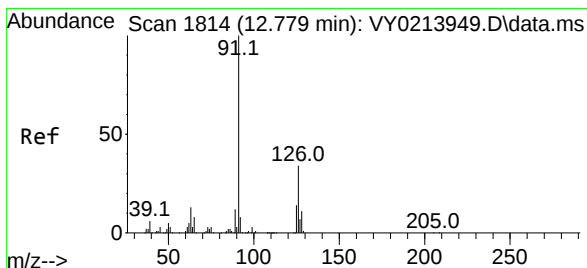
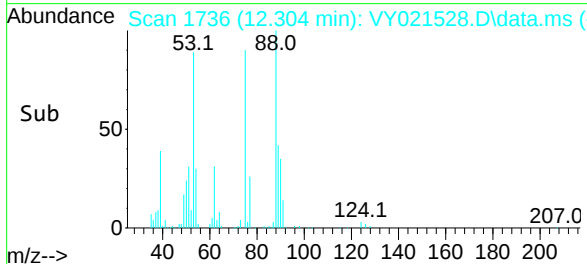
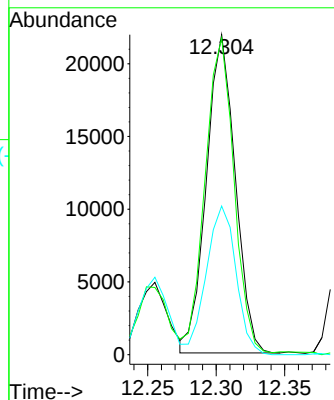
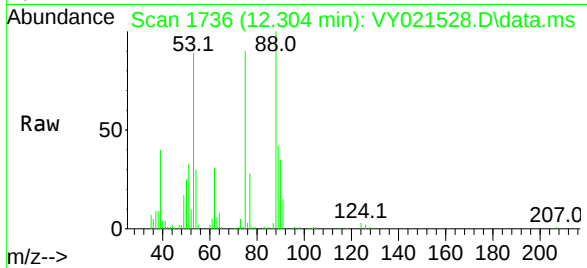




#81
trans-1,4-Dichloro-2-butene
Concen: 50.948 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

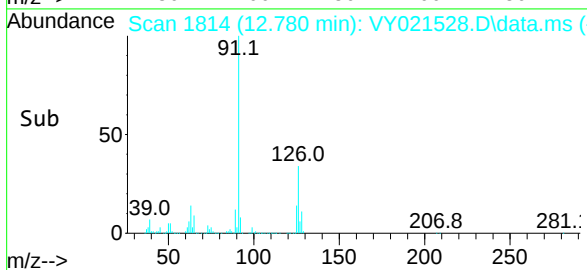
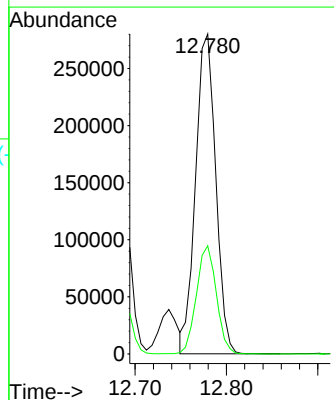
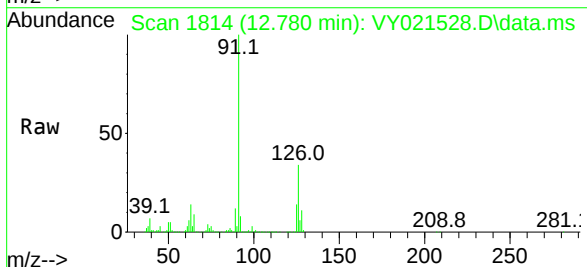
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

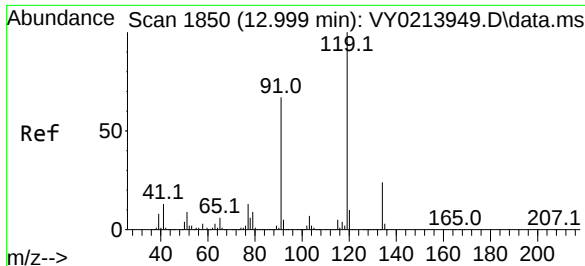
Tgt Ion: 75 Resp: 32062
Ion Ratio Lower Upper
75 100
53 98.5 81.0 121.4
89 48.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 53.359 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion: 91 Resp: 429112
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

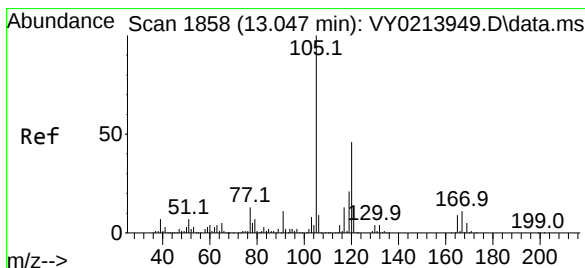
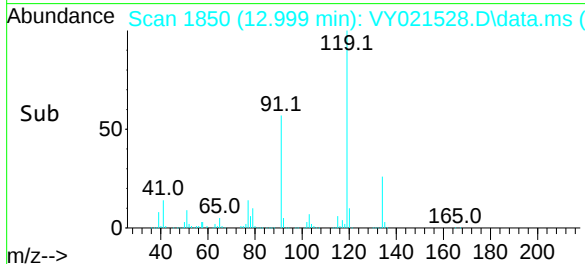
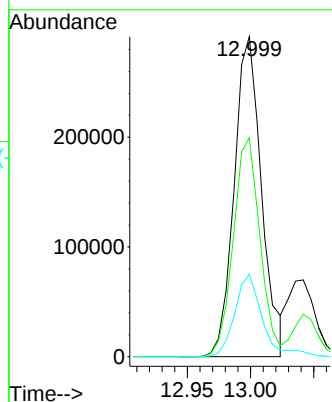
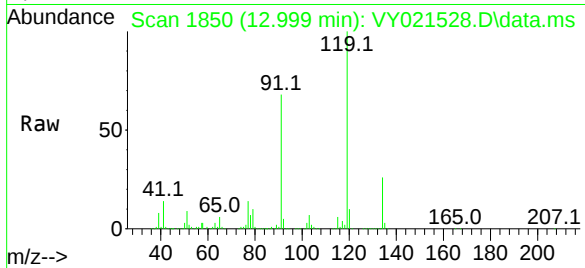




#83
 tert-Butylbenzene
 Concen: 54.011 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

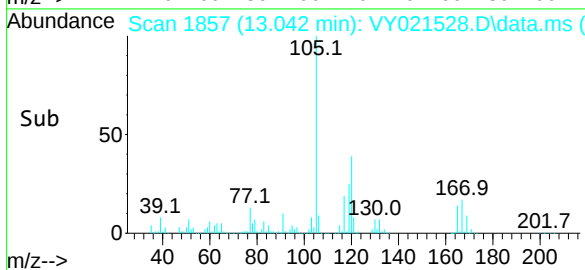
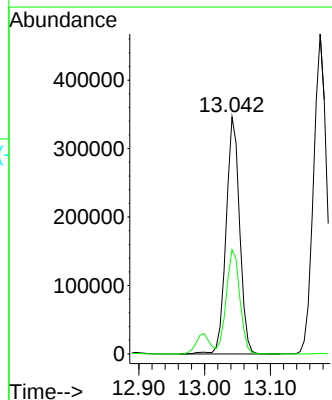
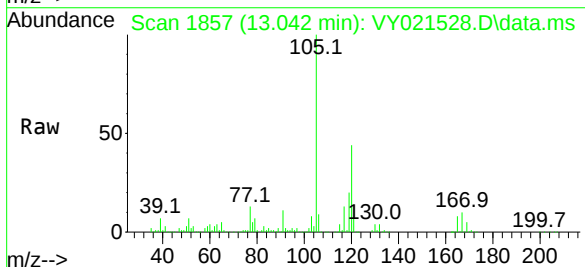
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

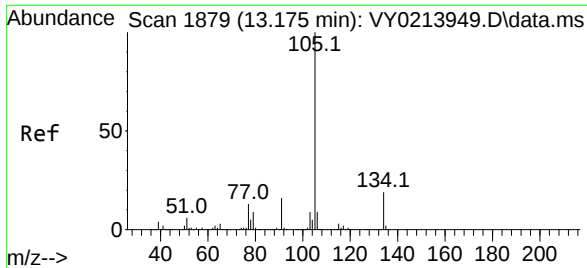
Tgt Ion:119 Resp: 437897
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.2 99.6
 134 26.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.868 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion:105 Resp: 495103
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.7 68.1

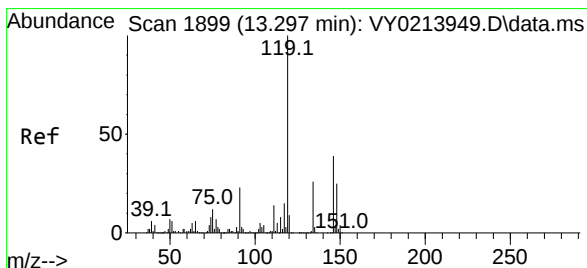
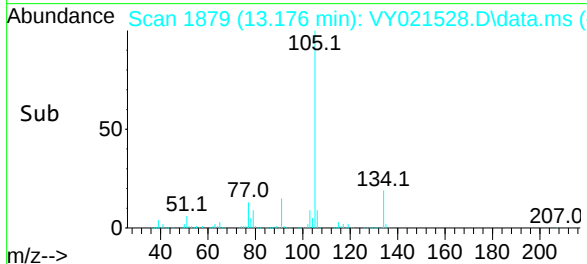
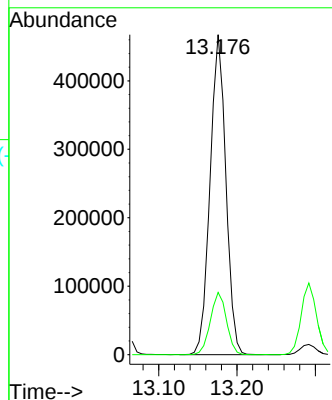
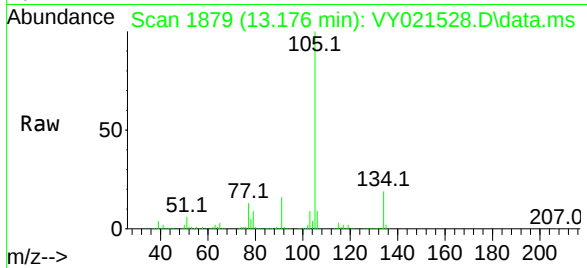




#85
 sec-Butylbenzene
 Concen: 54.236 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

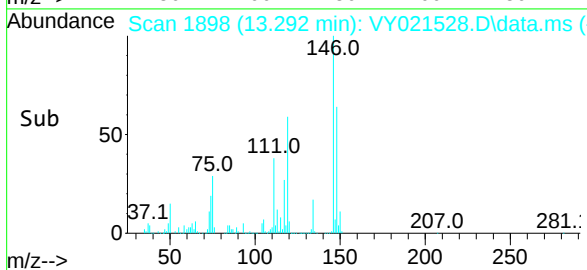
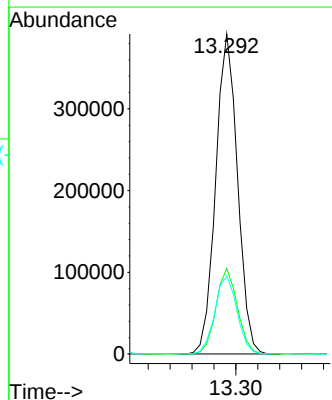
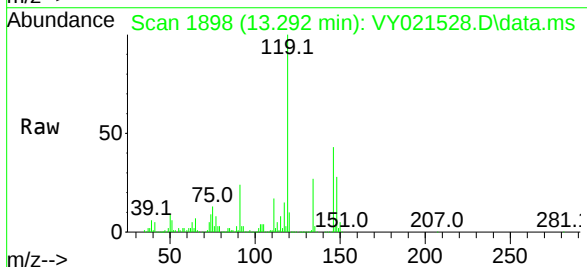
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

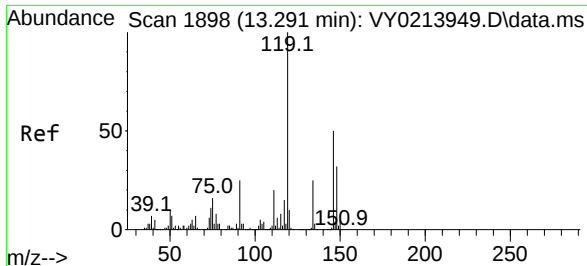
Tgt Ion:105 Resp: 654250
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 54.380 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion:119 Resp: 540426
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.517 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

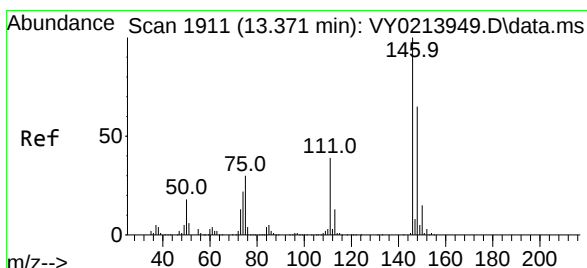
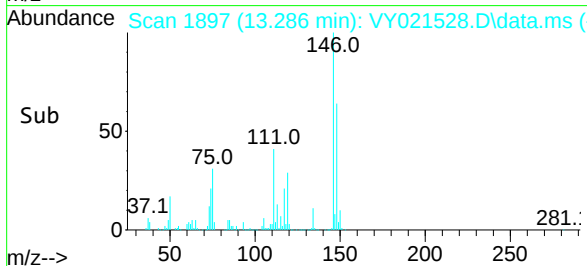
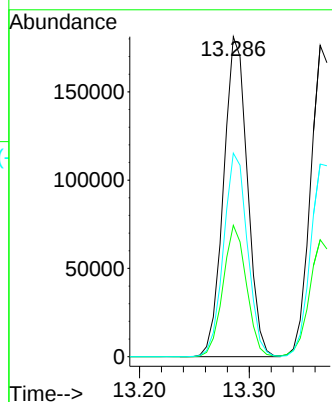
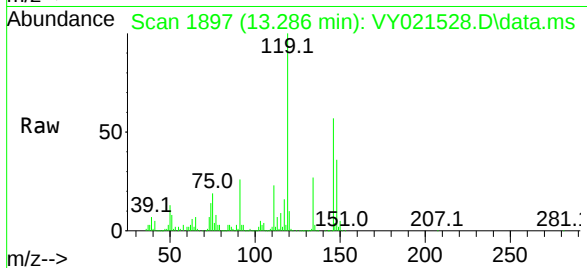
Tgt Ion:146 Resp: 273505

Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.032 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

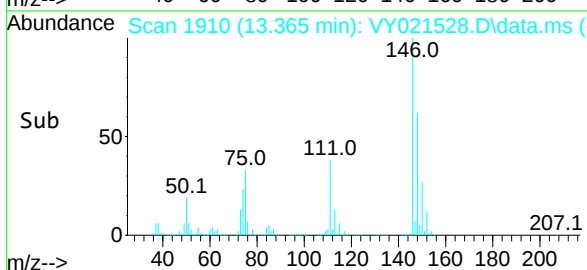
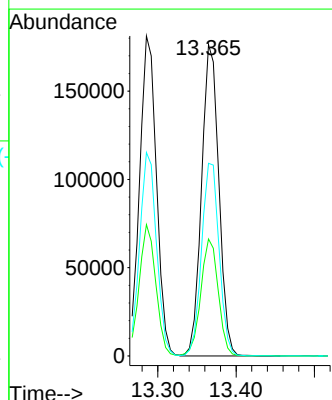
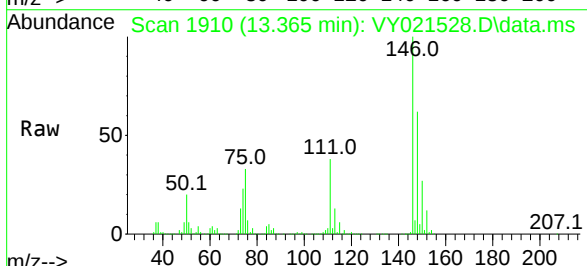
Tgt Ion:146 Resp: 270105

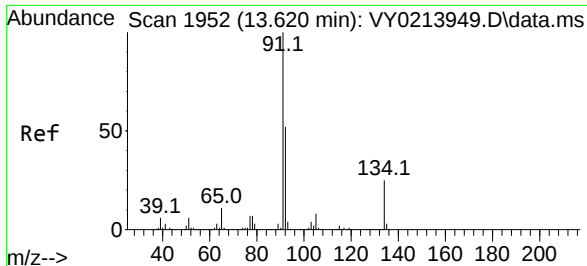
Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.8

148 62.9 32.3 96.8





#89

n-Butylbenzene

Concen: 55.881 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021528.D

Acq: 13 Mar 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

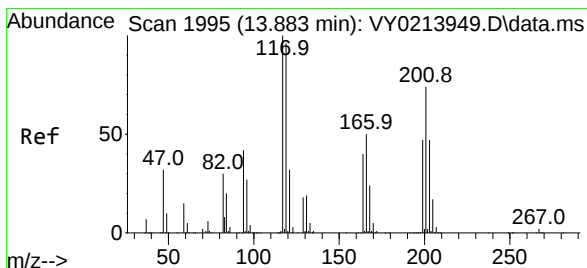
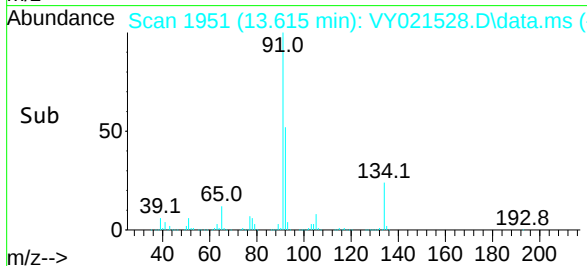
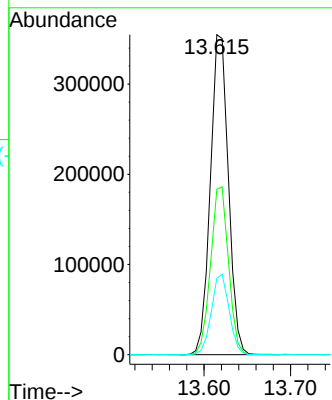
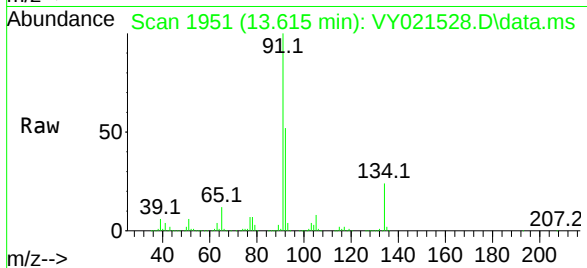
Tgt Ion: 91 Resp: 512812

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.3

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 51.761 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021528.D

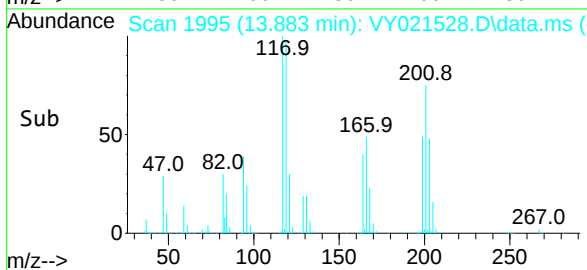
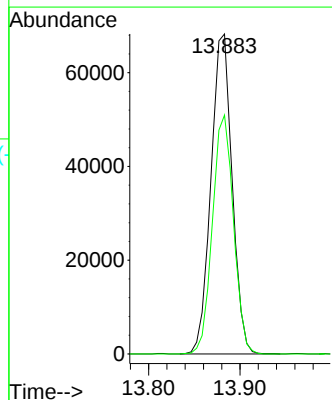
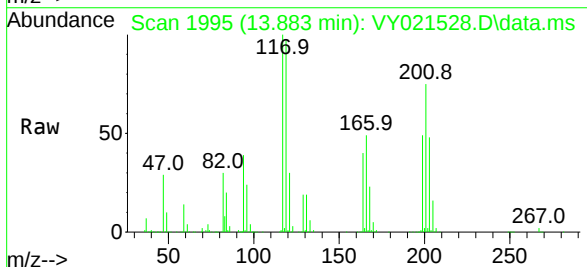
Acq: 13 Mar 2025 16:30

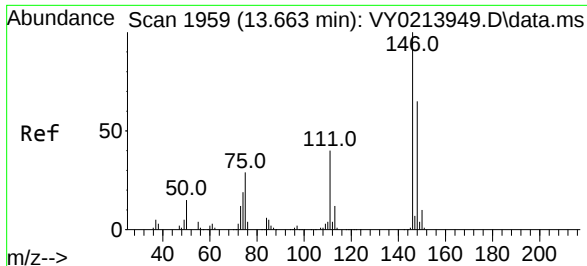
Tgt Ion: 117 Resp: 109738

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2

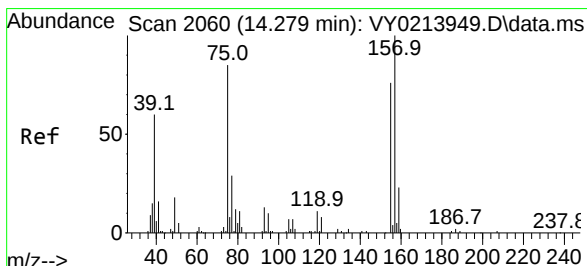
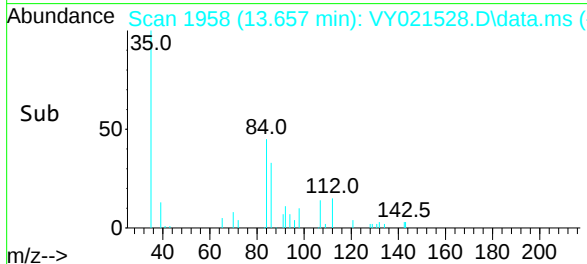
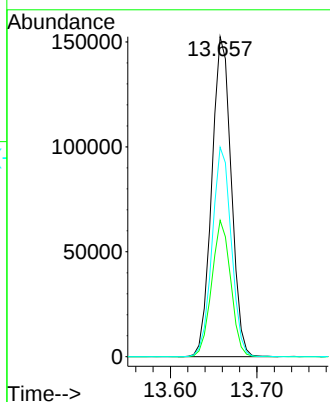
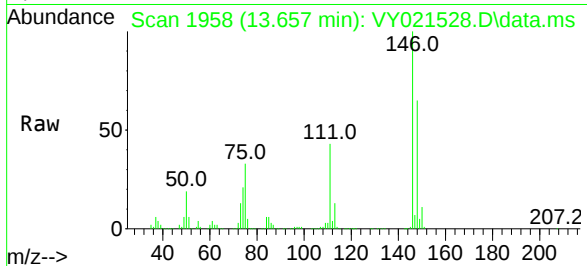




#91
 1,2-Dichlorobenzene
 Concen: 53.281 ug/l
 RT: 13.657 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

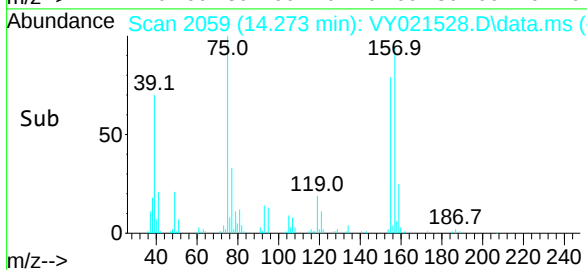
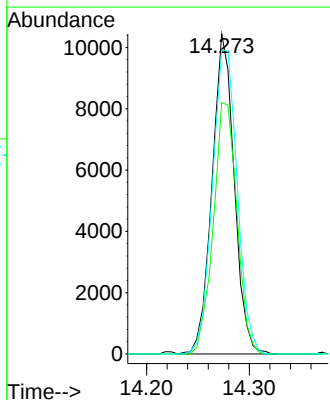
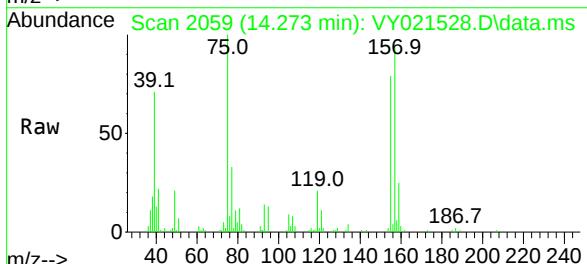
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

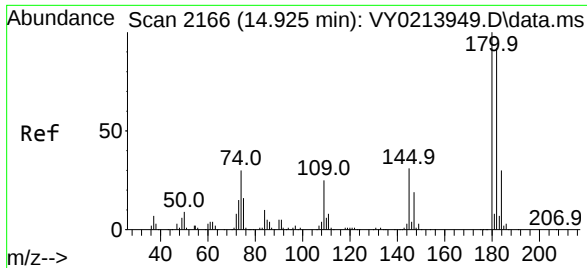
Tgt Ion:146 Resp: 237827
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.906 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion: 75 Resp: 15640
 Ion Ratio Lower Upper
 75 100
 155 83.6 43.5 130.5
 157 106.3 54.4 163.2

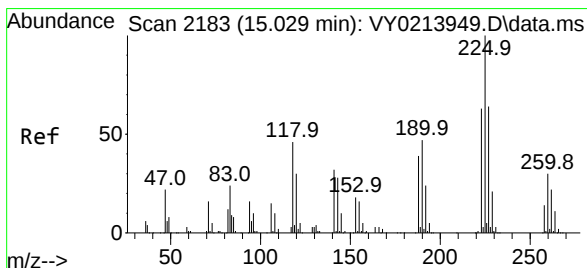
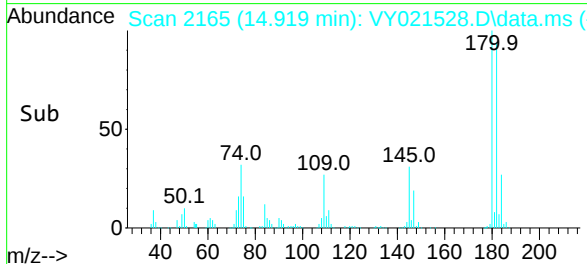
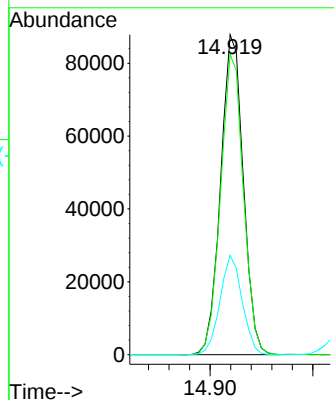
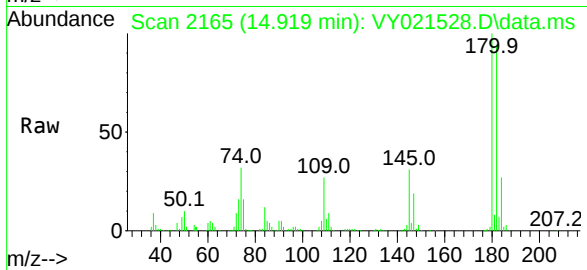




#93
 1,2,4-Trichlorobenzene
 Concen: 54.986 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

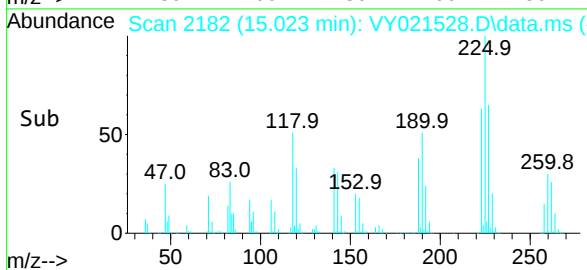
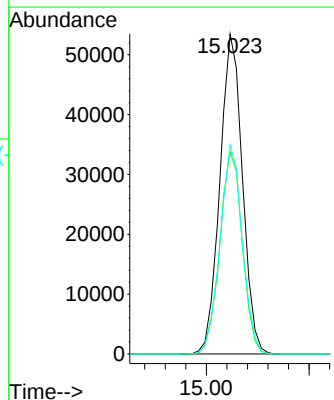
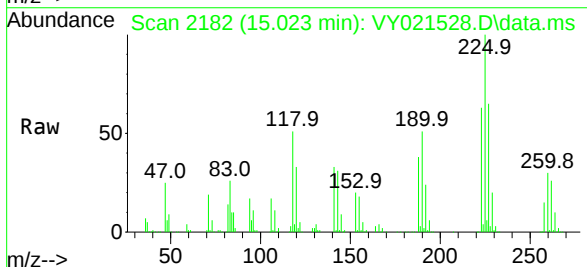
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

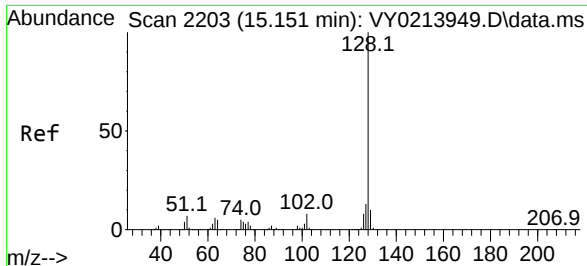
Tgt Ion:180 Resp: 134059
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.7 140.0
 145 30.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 53.157 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021528.D
 Acq: 13 Mar 2025 16:30

Tgt Ion:225 Resp: 81240
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.2
 227 64.4 31.8 95.4

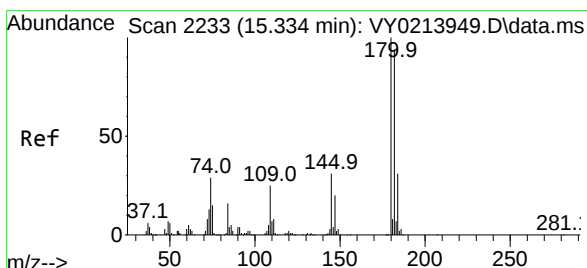
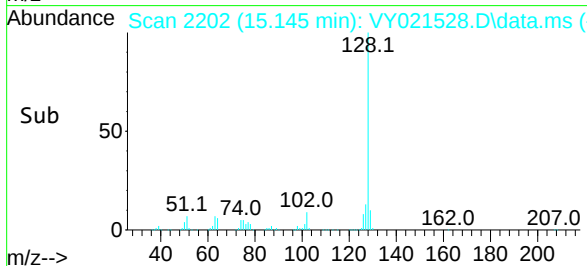
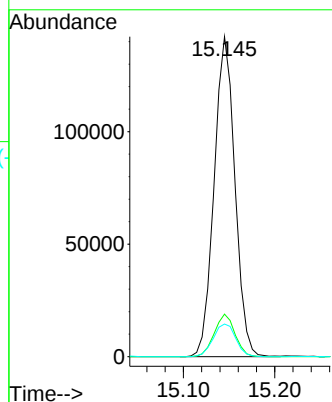
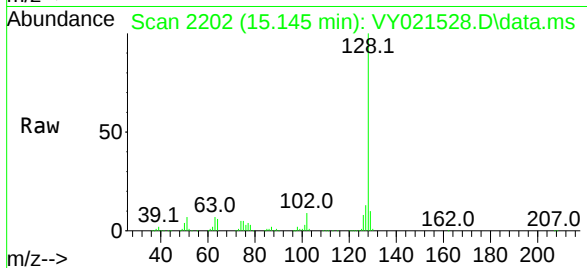




#95
Naphthalene
Concen: 53.975 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 224637
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.294 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021528.D
Acq: 13 Mar 2025 16:30

Tgt Ion:180 Resp: 115432
Ion Ratio Lower Upper
180 100
182 94.1 47.2 141.6
145 31.7 16.4 49.1

