

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021344.D
 Acq On : 26 Feb 2025 20:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 27 00:45:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	209132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110600	46.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.240%
35) Dibromofluoromethane	7.634	113	102286	45.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.103	98	388525	44.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.300%
62) 4-Bromofluorobenzene	12.408	95	131584	44.933	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	89202	44.987	ug/l	100
3) Chloromethane	2.068	50	118305	46.199	ug/l	100
4) Vinyl Chloride	2.202	62	120584	47.976	ug/l	98
5) Bromomethane	2.592	94	79891	47.832	ug/l	99
6) Chloroethane	2.733	64	78213	50.180	ug/l	98
7) Trichlorofluoromethane	3.056	101	182167	47.991	ug/l	98
8) Diethyl Ether	3.452	74	60683	53.265	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	103386	47.044	ug/l	99
10) Methyl Iodide	4.007	142	132681	57.386	ug/l	99
11) Tert butyl alcohol	4.854	59	42284	231.715	ug/l	99
12) 1,1-Dichloroethene	3.787	96	102196	48.566	ug/l	99
13) Acrolein	3.653	56	6424	45.939	ug/l	96
14) Allyl chloride	4.385	41	183341	49.143	ug/l	99
15) Acrylonitrile	5.055	53	130861	259.792	ug/l	99
16) Acetone	3.866	43	102355	224.914	ug/l	98
17) Carbon Disulfide	4.104	76	340079	48.671	ug/l	100
18) Methyl Acetate	4.385	43	59440	53.445	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	300902	54.123	ug/l	100
20) Methylene Chloride	4.616	84	118498	48.152	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	118319	51.077	ug/l	97
22) Diisopropyl ether	6.019	45	402879	52.185	ug/l	98
23) Vinyl Acetate	5.958	43	1195161	259.062	ug/l	100
24) 1,1-Dichloroethane	5.915	63	219734	50.498	ug/l	99
25) 2-Butanone	6.890	43	173965	253.286	ug/l	99
26) 2,2-Dichloropropane	6.884	77	170930	43.292	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	138734	52.447	ug/l	97
28) Bromochloromethane	7.244	49	93313	48.465	ug/l	97
29) Tetrahydrofuran	7.262	42	117269	261.209	ug/l	99
30) Chloroform	7.421	83	226821	51.443	ug/l	99
31) Cyclohexane	7.701	56	184463	44.101	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	200425	49.940	ug/l	98
36) 1,1-Dichloropropene	7.835	75	158713	46.928	ug/l	99
37) Ethyl Acetate	6.982	43	82433	48.999	ug/l	99
38) Carbon Tetrachloride	7.817	117	178448	46.933	ug/l	99
39) Methylcyclohexane	9.109	83	191242	44.707	ug/l	99
40) Benzene	8.079	78	488113	48.823	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	50830	54.039	ug/l	93
42) 1,2-Dichloroethane	8.158	62	143731	50.672	ug/l	99
43) Isopropyl Acetate	8.195	43	162361	49.861	ug/l	99
44) Trichloroethene	8.866	130	120825	48.271	ug/l	99
45) 1,2-Dichloropropane	9.140	63	117257	48.736	ug/l	99
46) Dibromomethane	9.231	93	66414	50.499	ug/l	99
47) Bromodichloromethane	9.420	83	175634	50.086	ug/l	98
48) Methyl methacrylate	9.219	41	77080	50.619	ug/l	97
49) 1,4-Dioxane	9.225	88	14855	1015.844	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	425033	254.988	ug/l	99
52) Toluene	10.170	92	307967	49.585	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	159678	49.701	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	183344	48.340	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	87133	50.858	ug/l	99
56) Ethyl methacrylate	10.438	69	127215	53.738	ug/l	98
57) 1,3-Dichloropropane	10.713	76	152781	50.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	292101	257.068	ug/l	99
59) 2-Hexanone	10.755	43	285133	260.462	ug/l	99
60) Dibromochloromethane	10.908	129	118508	50.788	ug/l	99
61) 1,2-Dibromoethane	11.012	107	82050	50.586	ug/l	98
64) Tetrachloroethene	10.646	164	108193	46.783	ug/l	99
65) Chlorobenzene	11.444	112	331937	48.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118595	49.313	ug/l	100
67) Ethyl Benzene	11.518	91	585231	48.106	ug/l	100
68) m/p-Xylenes	11.627	106	441830	96.556	ug/l	100
69) o-Xylene	11.956	106	212382	49.544	ug/l	100
70) Styrene	11.969	104	357830	50.170	ug/l	100
71) Bromoform	12.133	173	68887	50.071	ug/l	99
73) Isopropylbenzene	12.255	105	548496	49.240	ug/l	100
74) N-amyl acetate	12.072	43	146735	51.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	98641	50.176	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	128720	86.792	ug/l #	100
77) Bromobenzene	12.530	156	130762	50.469	ug/l	98
78) n-propylbenzene	12.597	91	647434	47.897	ug/l	99
79) 2-Chlorotoluene	12.676	91	381569	49.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	448101	49.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31668	47.460	ug/l	97
82) 4-Chlorotoluene	12.773	91	392065	48.755	ug/l	99
83) tert-Butylbenzene	12.999	119	405401	49.124	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	449054	49.422	ug/l	99
85) sec-Butylbenzene	13.176	105	564734	46.848	ug/l	99
86) p-Isopropyltoluene	13.292	119	477095	47.399	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	247228	48.238	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	241313	47.661	ug/l	99
89) n-Butylbenzene	13.615	91	431776	45.583	ug/l	100
90) Hexachloroethane	13.883	117	97989	46.606	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	218493	48.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15872	51.037	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	127534	46.535	ug/l	99
94) Hexachlorobutadiene	15.023	225	74574	43.221	ug/l	99
95) Naphthalene	15.145	128	230889	50.863	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	109952	47.484	ug/l	98

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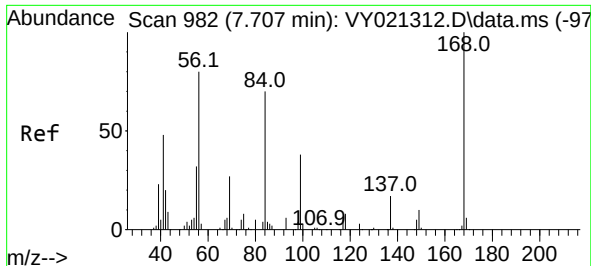
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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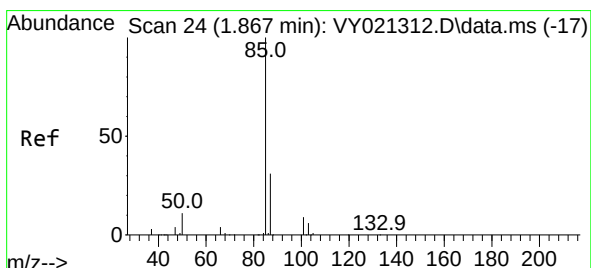
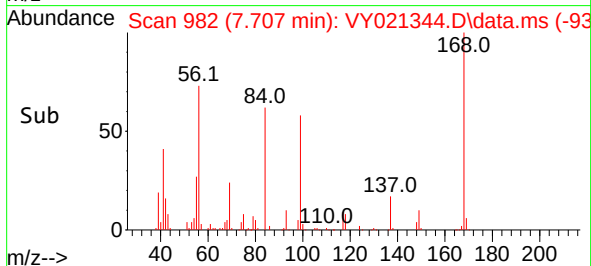
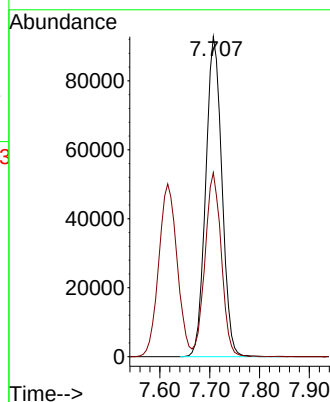
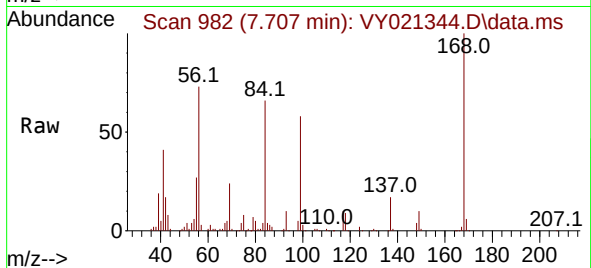




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021344.D
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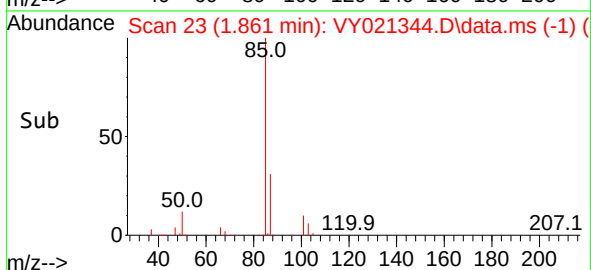
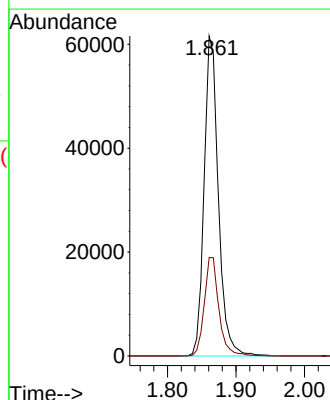
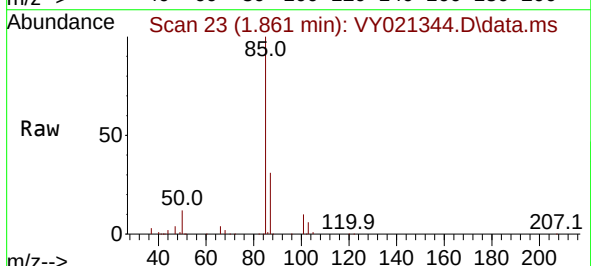
Instrument :
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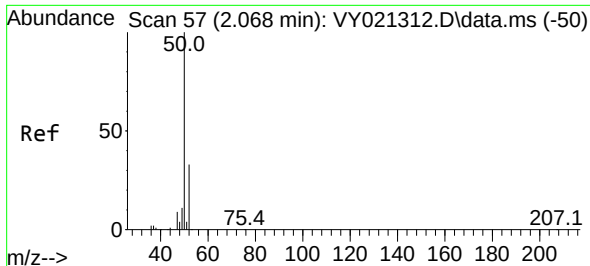
Tgt Ion:168 Resp: 209132
Ion Ratio Lower Upper
168 100
99 57.4 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 44.987 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 85 Resp: 89202
Ion Ratio Lower Upper
85 100
87 30.7 15.4 46.4

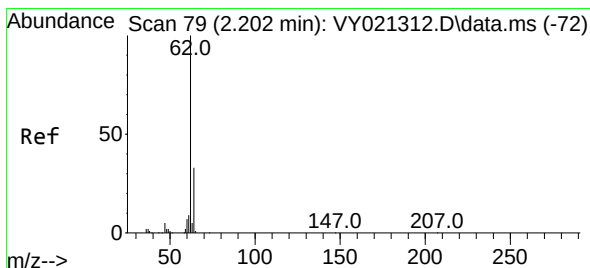
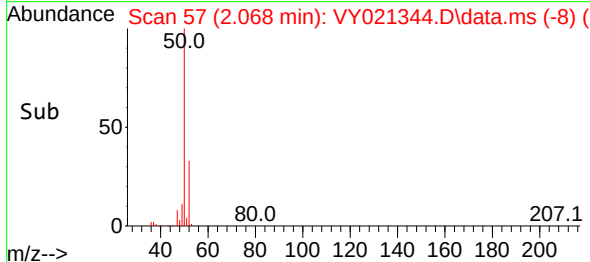
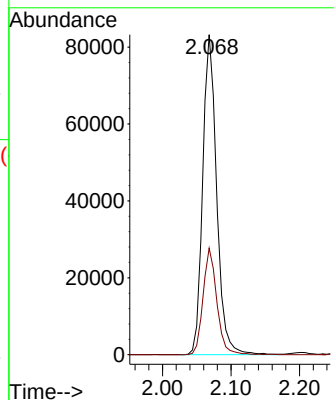
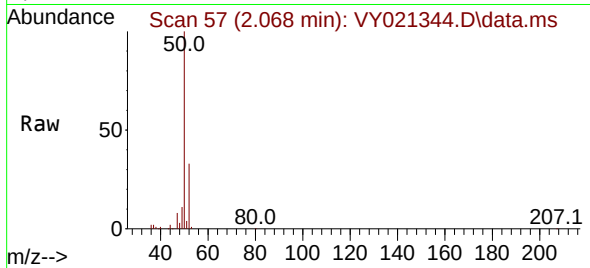




#3
Chloromethane
Concen: 46.199 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

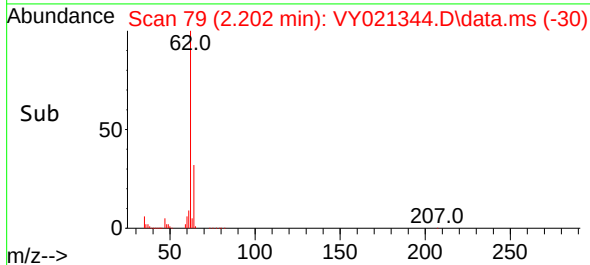
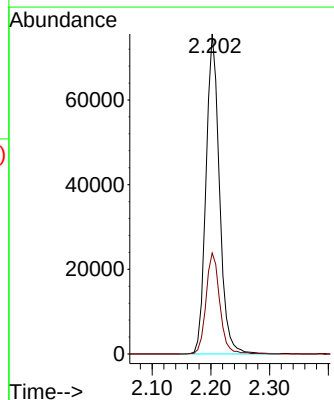
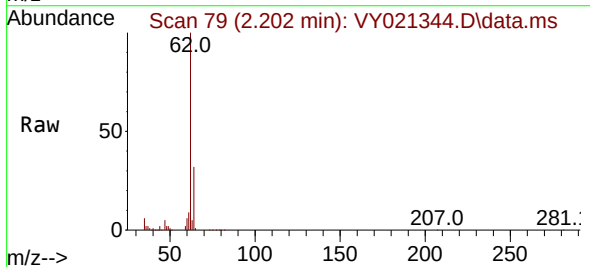
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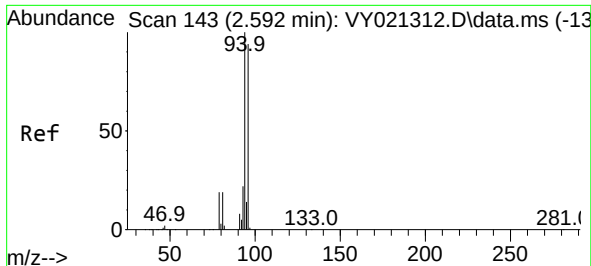
Tgt Ion: 50 Resp: 118305
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 47.976 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 62 Resp: 120584
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5

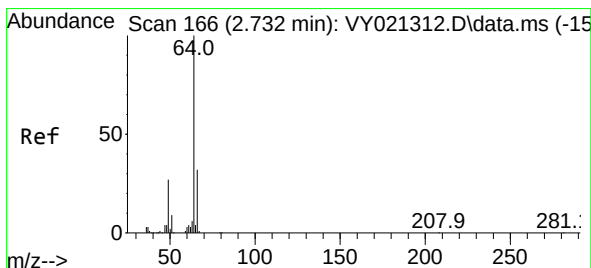
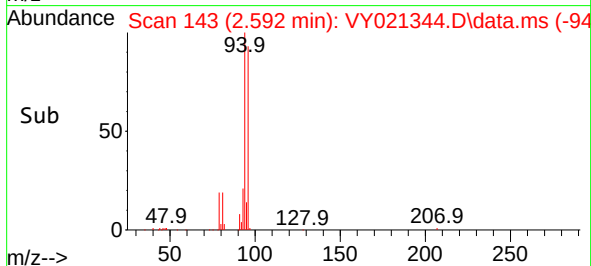
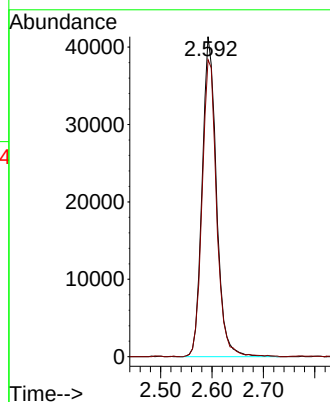
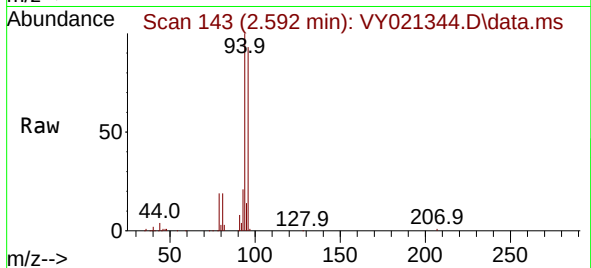




#5
Bromomethane
Concen: 47.832 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

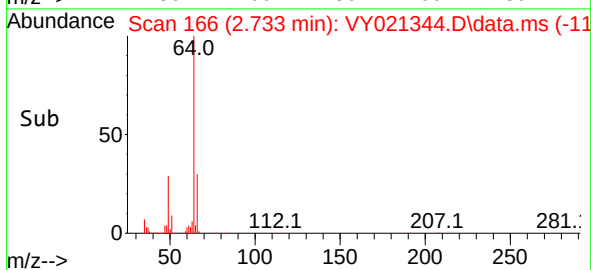
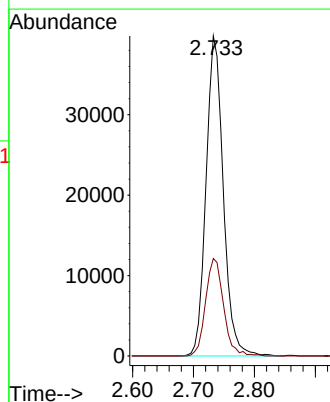
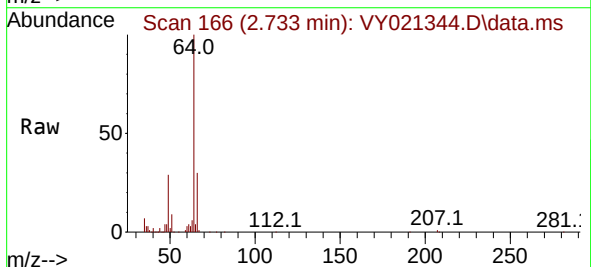
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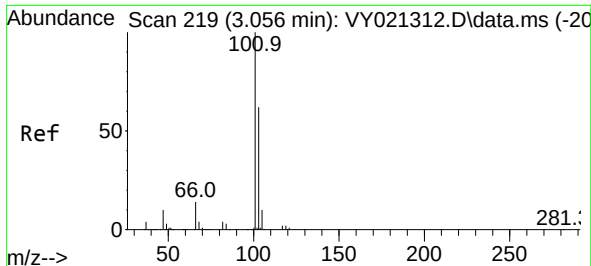
Tgt Ion: 94 Resp: 79891
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8



#6
Chloroethane
Concen: 50.180 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 64 Resp: 78213
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0

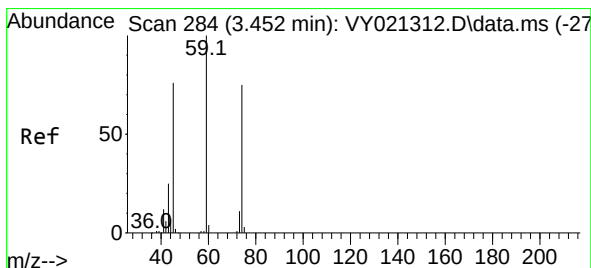
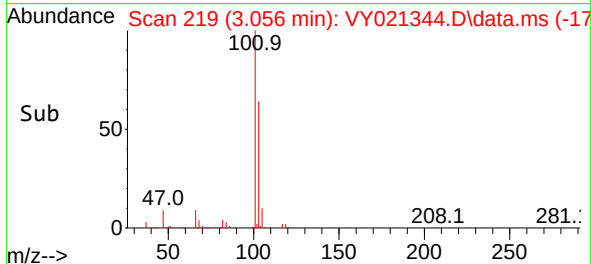
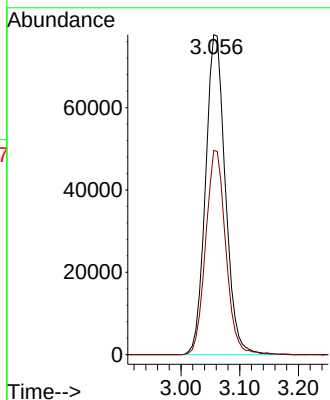
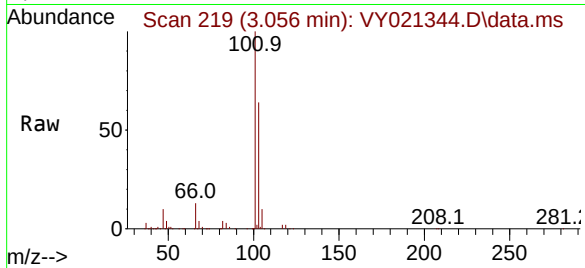




#7
 Trichlorofluoromethane
 Concen: 47.991 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

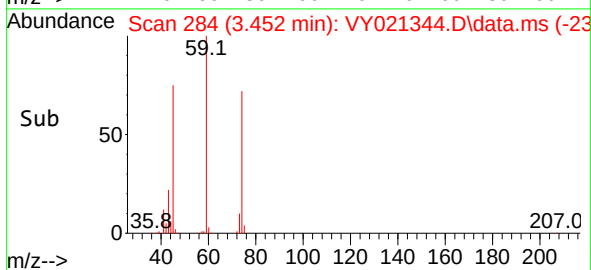
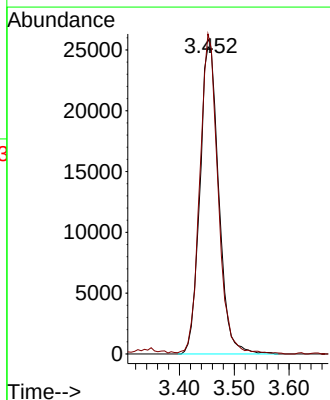
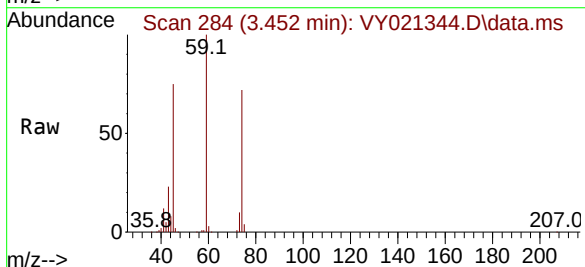
Instrument :
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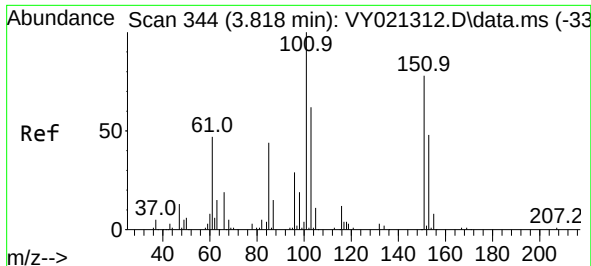
Tgt Ion:101 Resp: 182167
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.7 74.5



#8
 Diethyl Ether
 Concen: 53.265 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

Tgt Ion: 74 Resp: 60683
 Ion Ratio Lower Upper
 74 100
 45 99.3 50.3 150.9

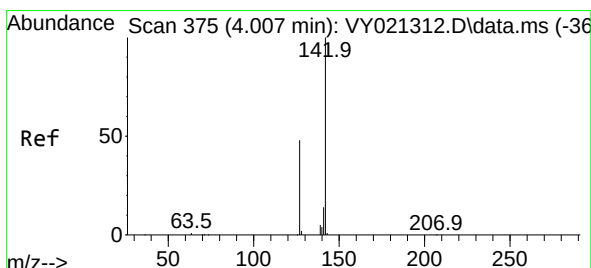
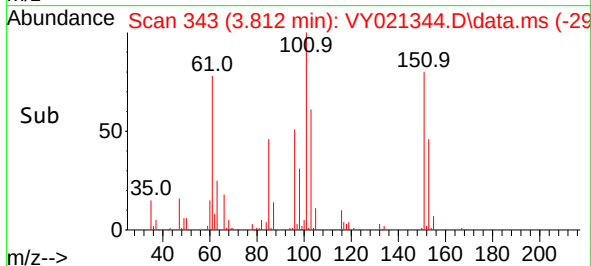
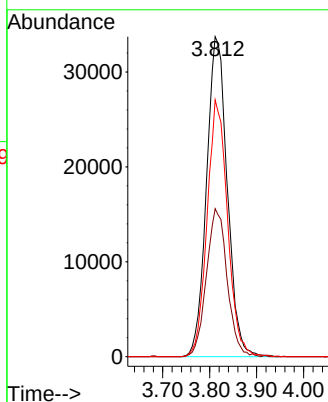
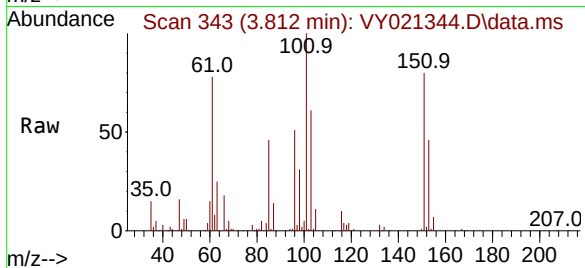




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.044 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

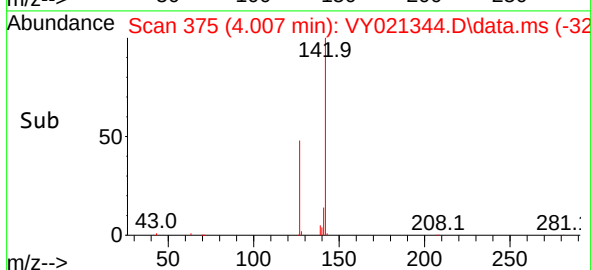
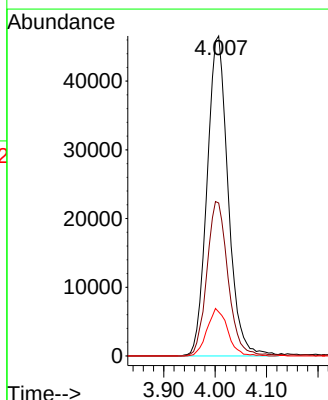
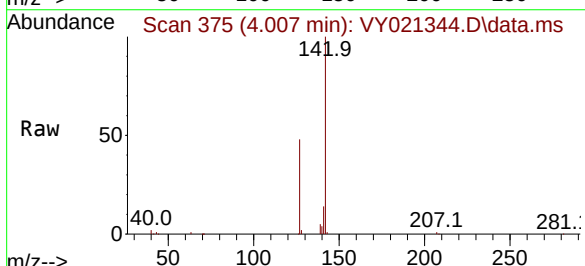
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

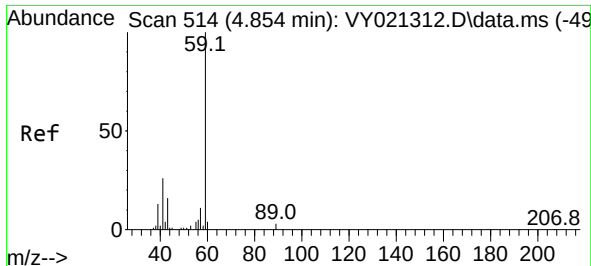
Tgt Ion:101 Resp: 103386
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 79.0 62.6 94.0



#10
Methyl Iodide
Concen: 57.386 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:142 Resp: 132681
Ion Ratio Lower Upper
142 100
127 48.5 39.2 58.8
141 14.5 11.4 17.2

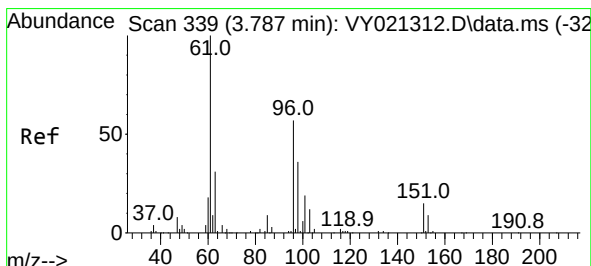
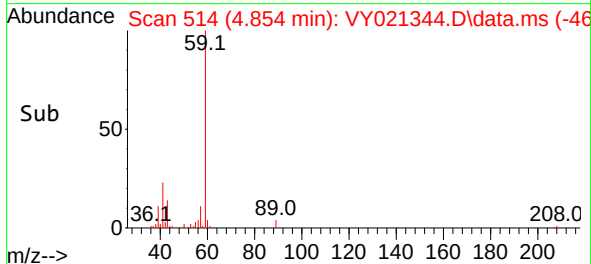
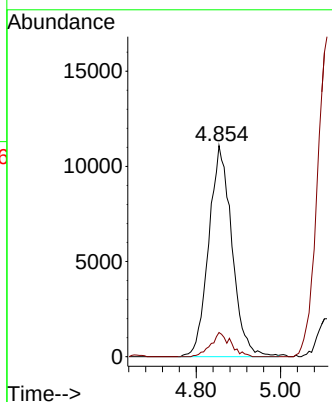
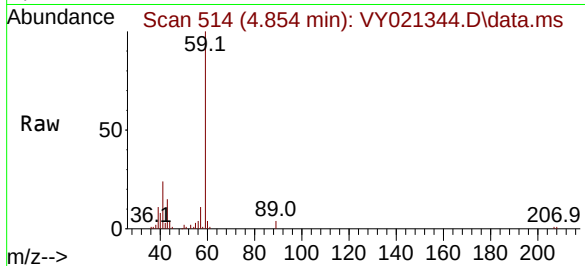




#11
Tert butyl alcohol
Concen: 231.715 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

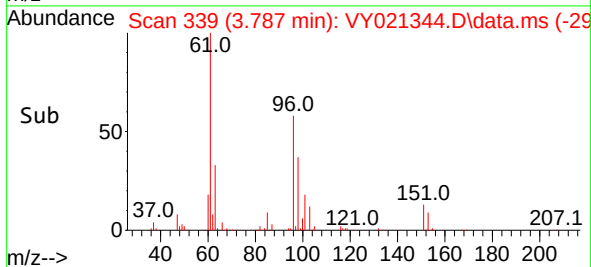
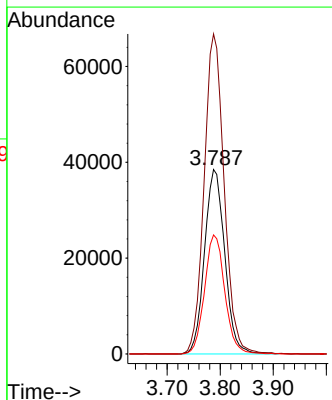
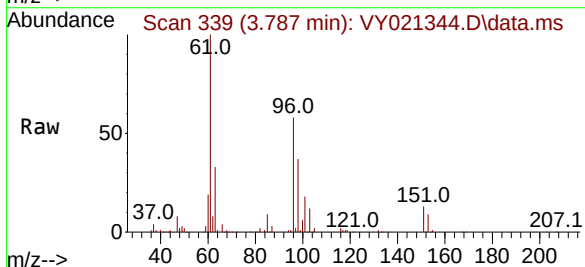
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

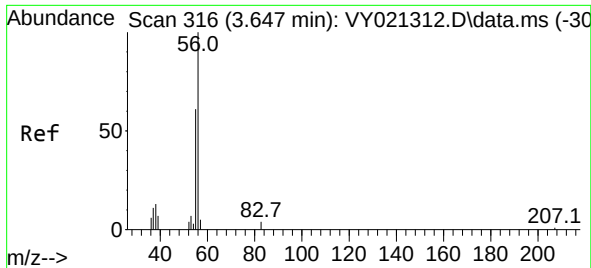
Tgt Ion: 59 Resp: 42284
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.566 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 96 Resp: 102196
Ion Ratio Lower Upper
96 100
61 173.5 139.7 209.5
98 64.6 49.7 74.5





#13

Acrolein

Concen: 45.939 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

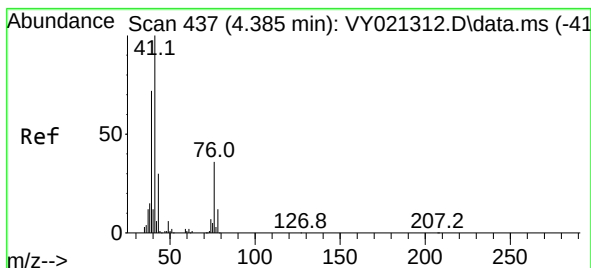
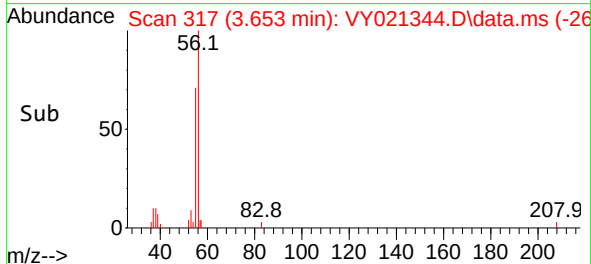
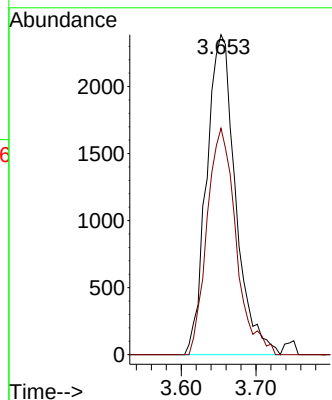
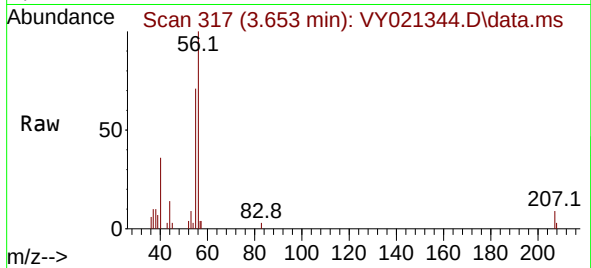
VSTDCCC050EC

Tgt Ion: 56 Resp: 6424

Ion Ratio Lower Upper

56 100

55 70.7 59.0 88.6



#14

Allyl chloride

Concen: 49.143 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

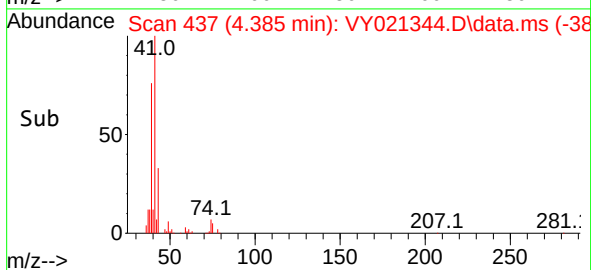
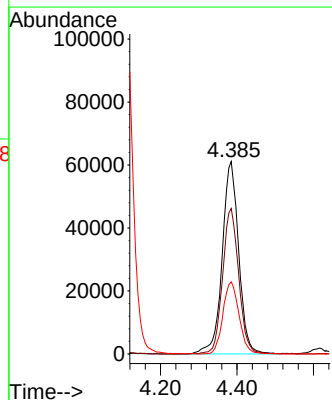
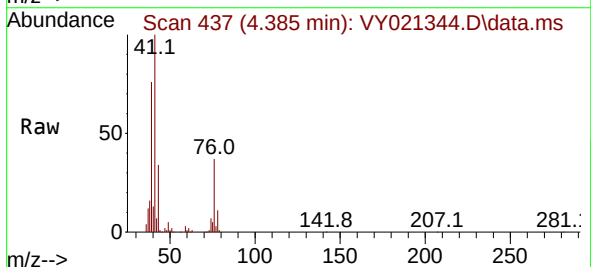
Tgt Ion: 41 Resp: 183341

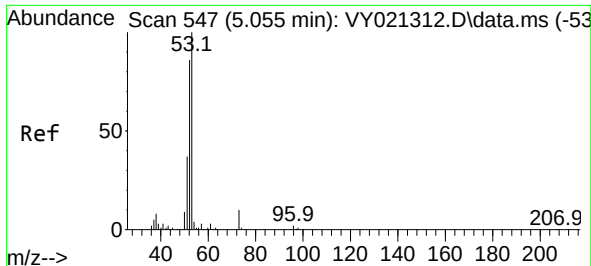
Ion Ratio Lower Upper

41 100

39 74.0 60.0 90.0

76 36.6 29.0 43.6





#15

Acrylonitrile

Concen: 259.792 ug/l

RT: 5.055 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

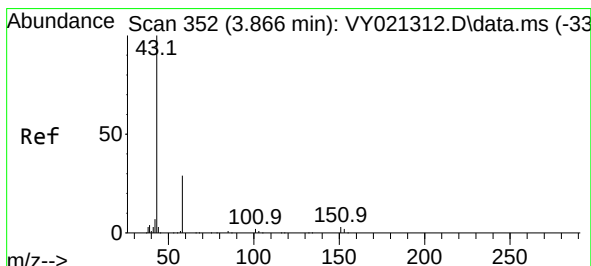
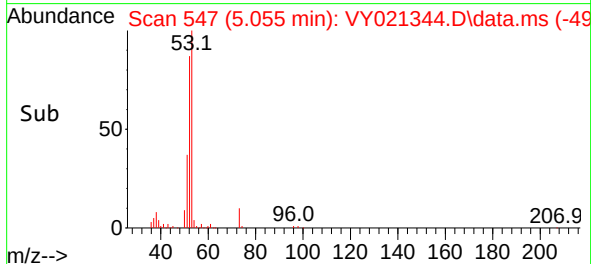
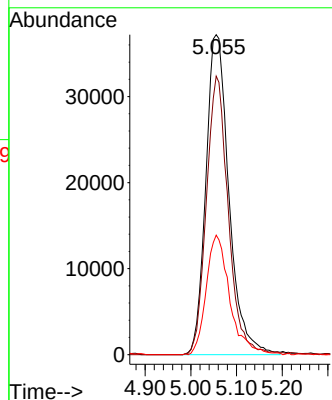
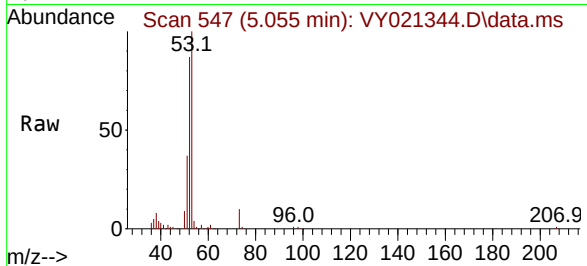
Tgt Ion: 53 Resp: 130861

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

51 38.1 30.6 46.0



#16

Acetone

Concen: 224.914 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY021344.D

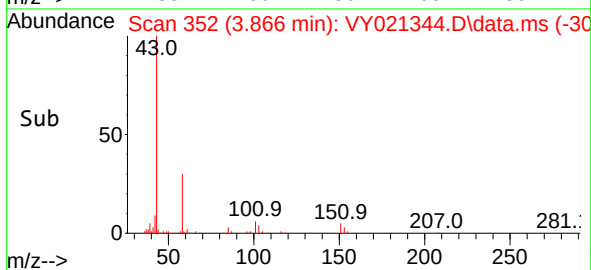
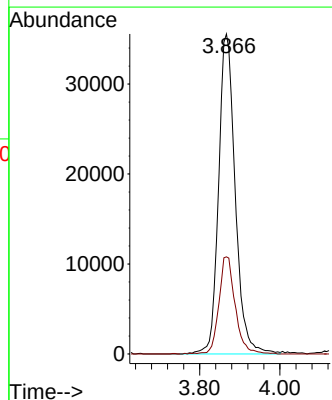
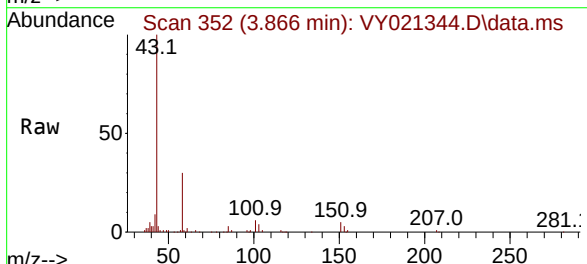
Acq: 26 Feb 2025 20:06

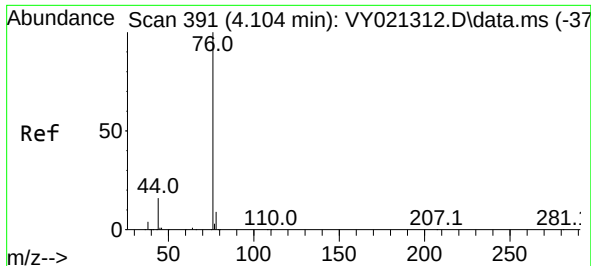
Tgt Ion: 43 Resp: 102355

Ion Ratio Lower Upper

43 100

58 30.4 23.5 35.3

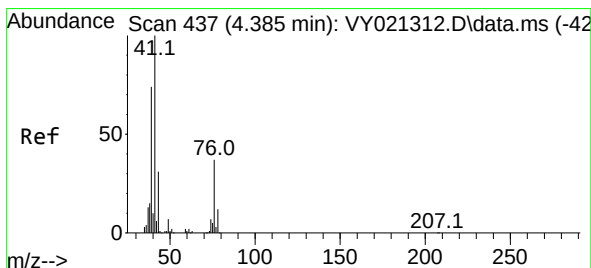
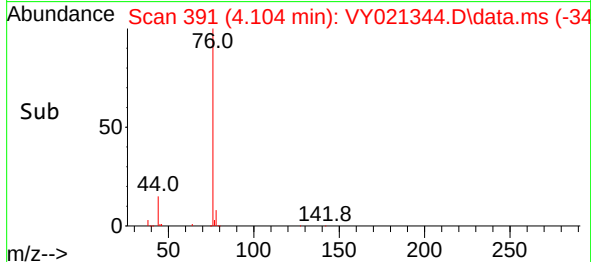
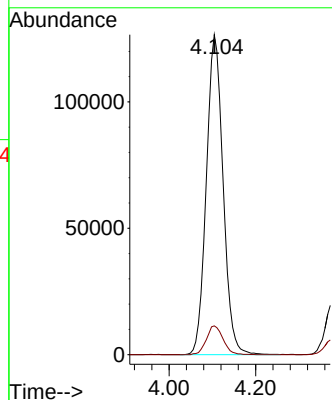
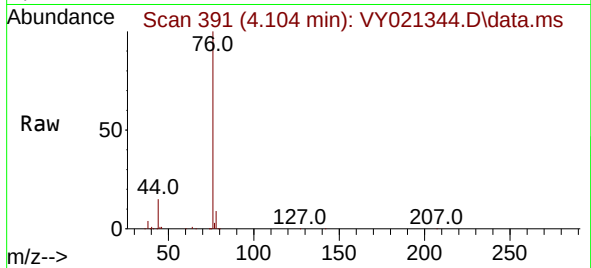




#17
Carbon Disulfide
Concen: 48.671 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

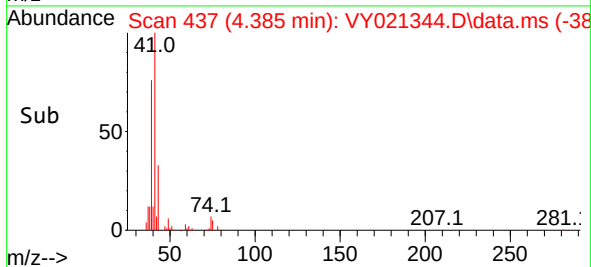
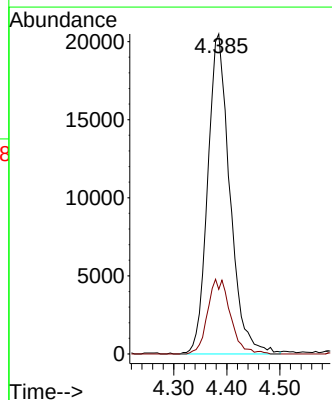
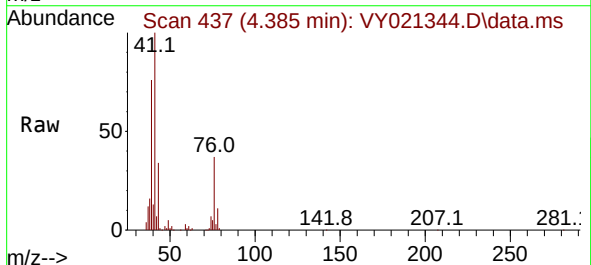
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

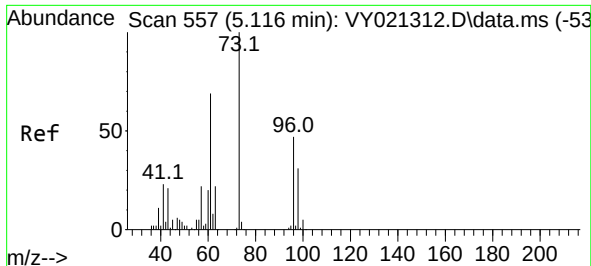
Tgt Ion: 76 Resp: 340079
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 53.445 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 59440
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5

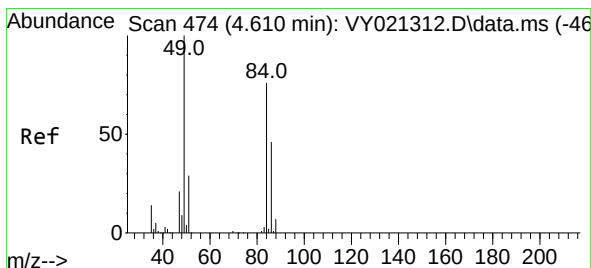
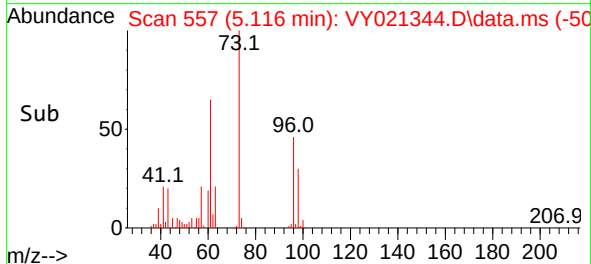
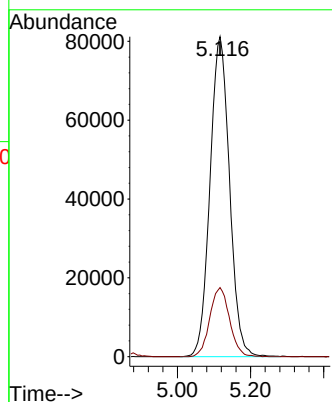
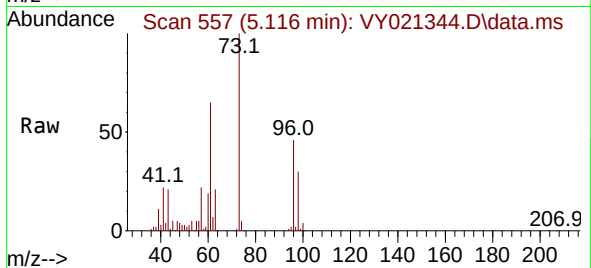




#19
Methyl tert-butyl Ether
Concen: 54.123 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

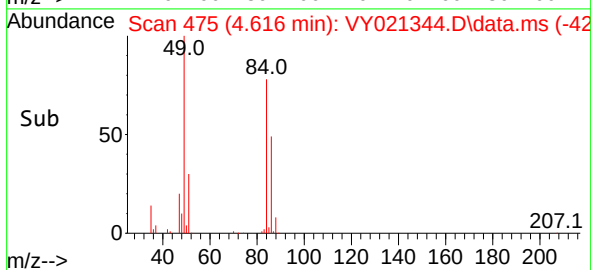
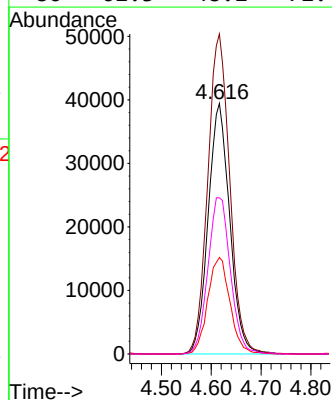
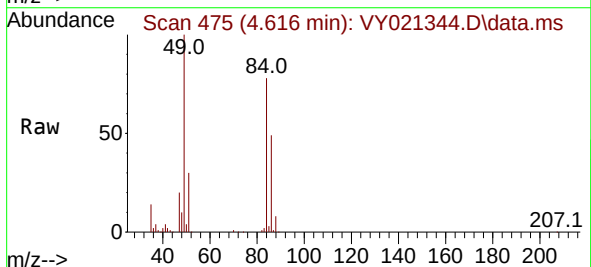
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

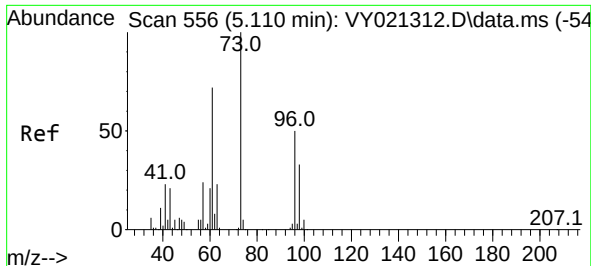
Tgt Ion: 73 Resp: 300902
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 48.152 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 84 Resp: 118498
Ion Ratio Lower Upper
84 100
49 127.7 105.1 157.7
51 38.5 31.0 46.4
86 62.3 48.2 72.4

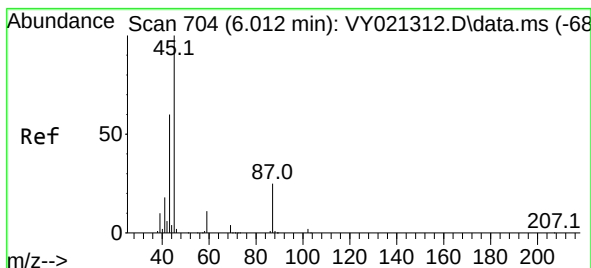
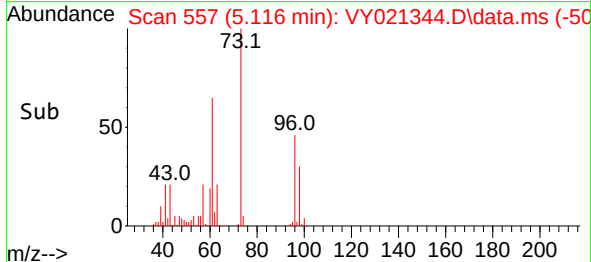
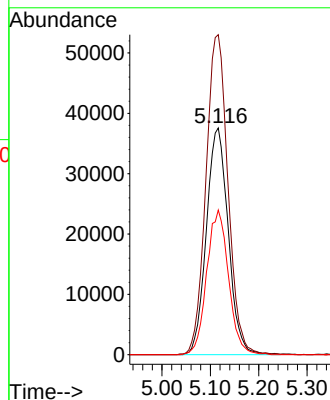
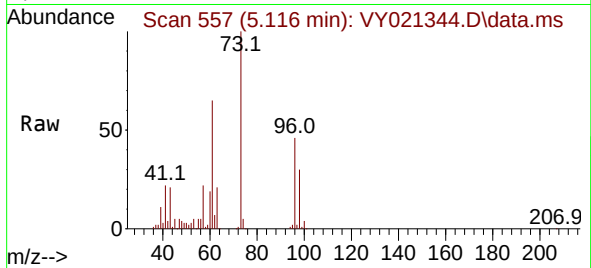




#21
trans-1,2-Dichloroethene
Concen: 51.077 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

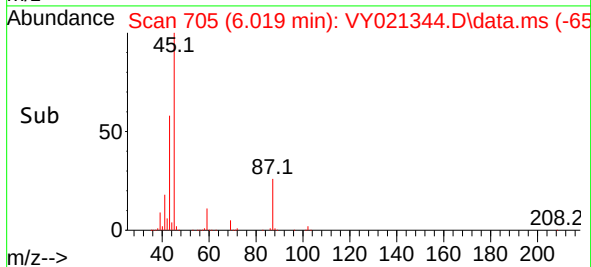
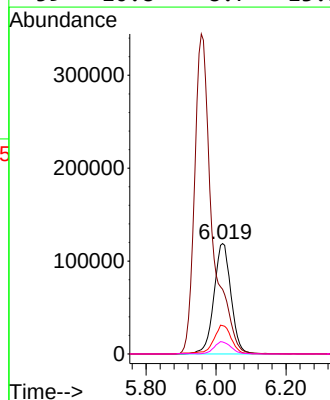
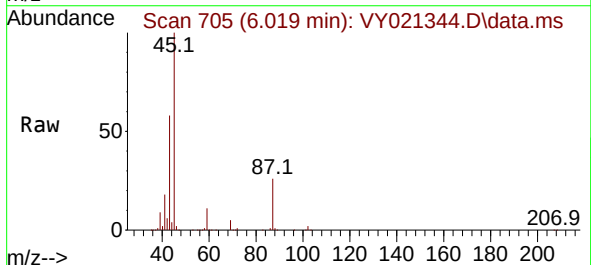
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

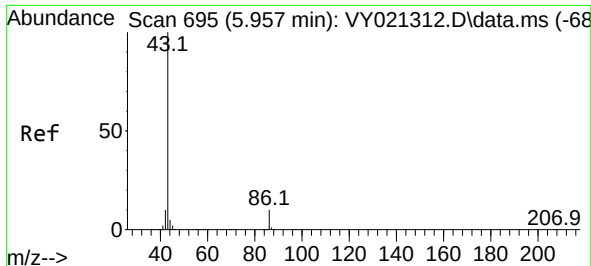
Tgt Ion: 96 Resp: 118319
Ion Ratio Lower Upper
96 100
61 141.0 116.3 174.5
98 63.8 52.6 78.8



#22
Diisopropyl ether
Concen: 52.185 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 45 Resp: 402879
Ion Ratio Lower Upper
45 100
43 58.1 48.2 72.4
87 25.7 20.3 30.5
59 10.8 8.7 13.1

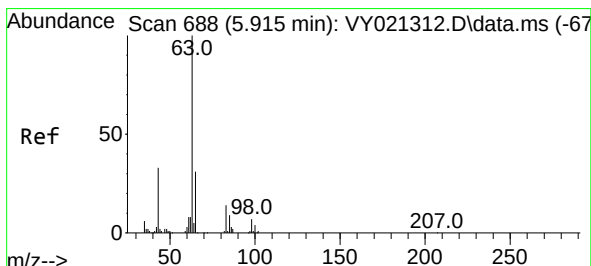
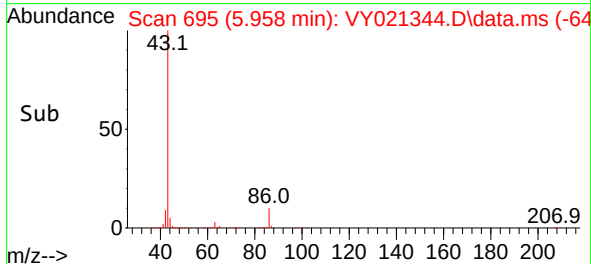
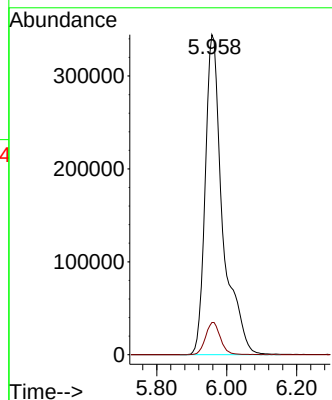
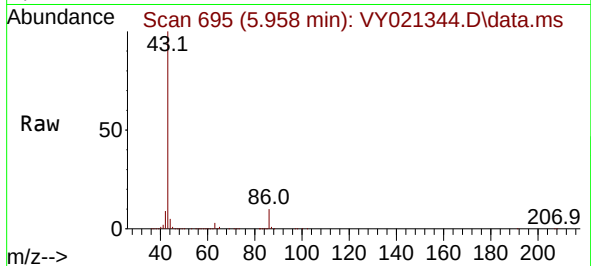




#23
 Vinyl Acetate
 Concen: 259.062 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

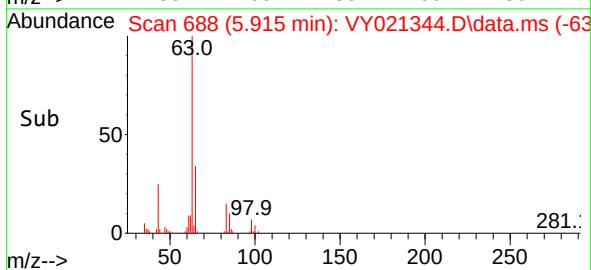
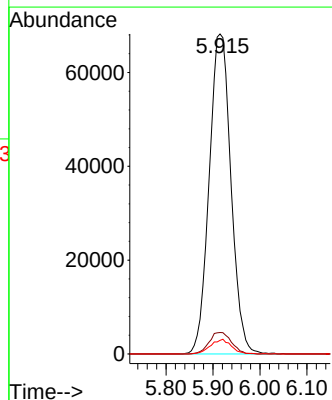
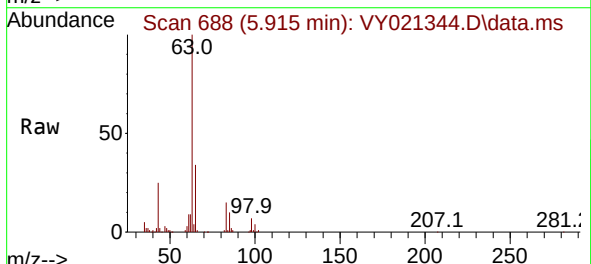
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

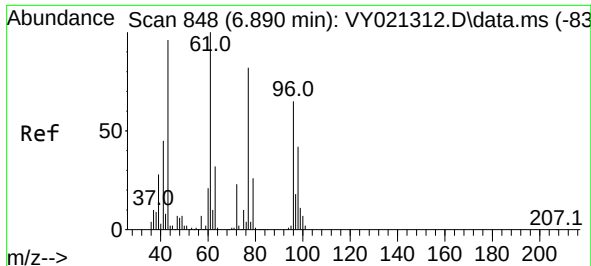
Tgt Ion: 43 Resp: 1195161
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.498 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

Tgt Ion: 63 Resp: 219734
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.3 2.1 6.5

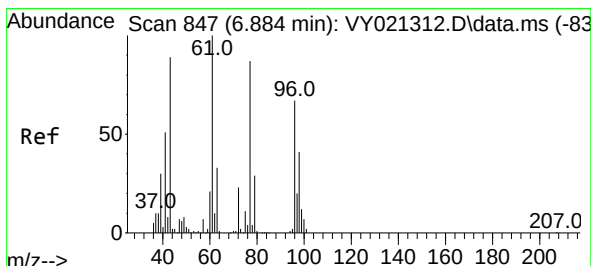
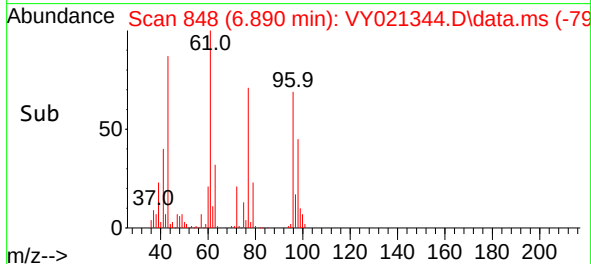
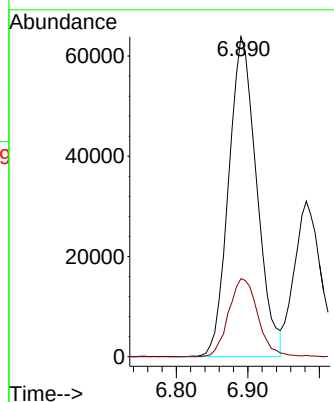
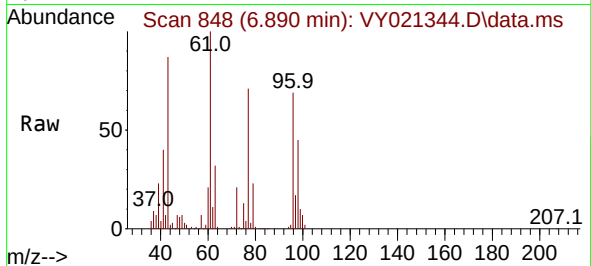




#25
2-Butanone
Concen: 253.286 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

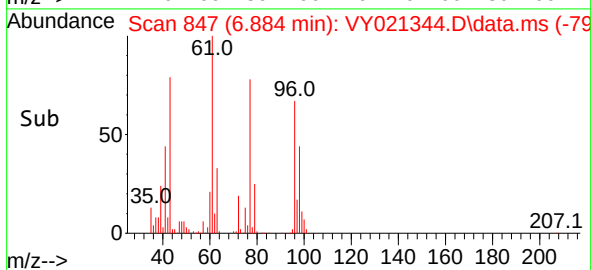
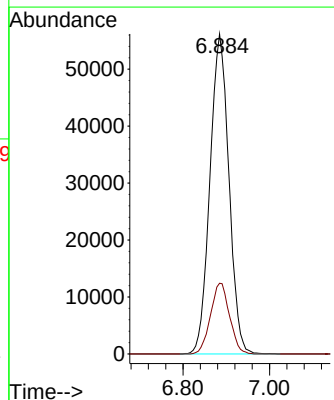
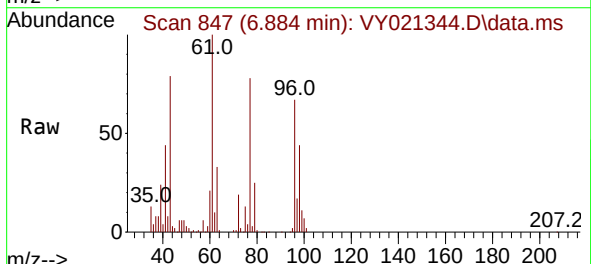
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

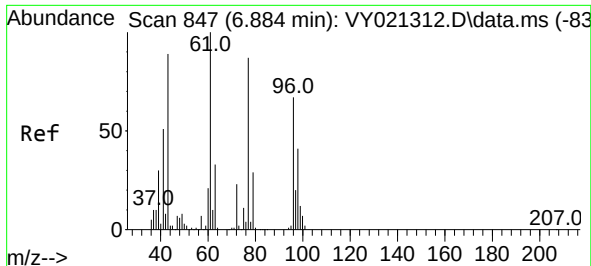
Tgt Ion: 43 Resp: 173965
Ion Ratio Lower Upper
43 100
72 24.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 43.292 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 77 Resp: 170930
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.447 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

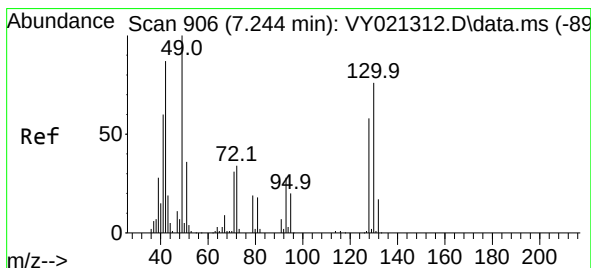
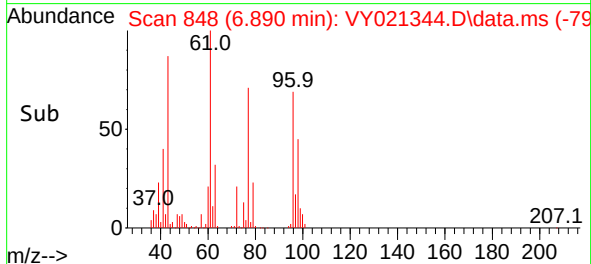
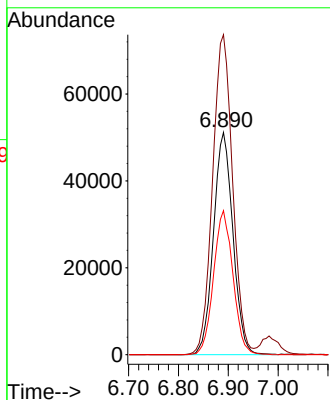
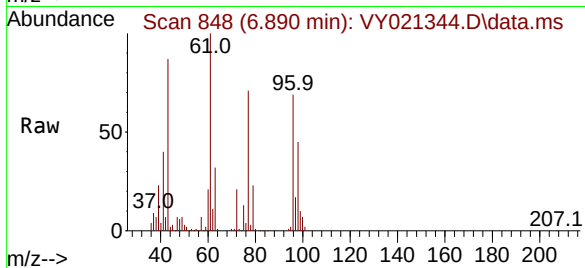
Tgt Ion: 96 Resp: 138734

Ion Ratio Lower Upper

96 100

61 147.9 0.0 308.0

98 64.7 0.0 129.6



#28

Bromochloromethane

Concen: 48.465 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

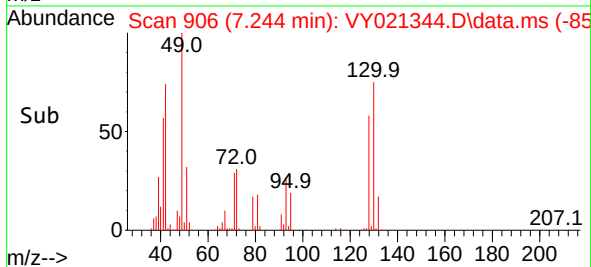
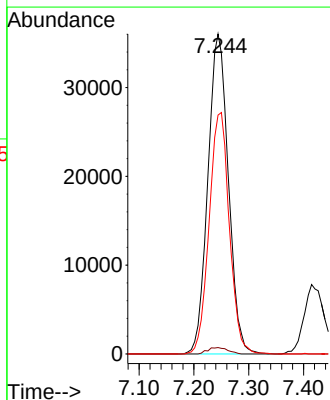
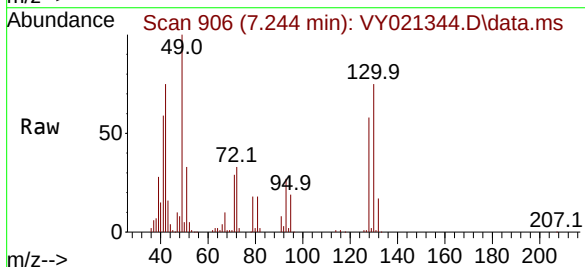
Tgt Ion: 49 Resp: 93313

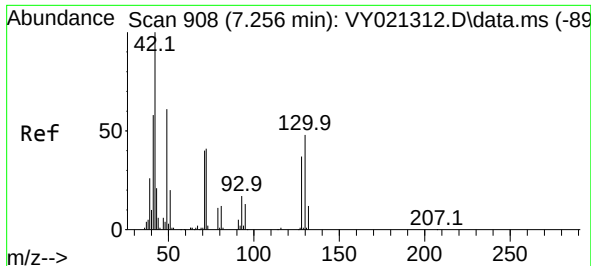
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 74.6 57.8 86.6





#29

Tetrahydrofuran

Concen: 261.209 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

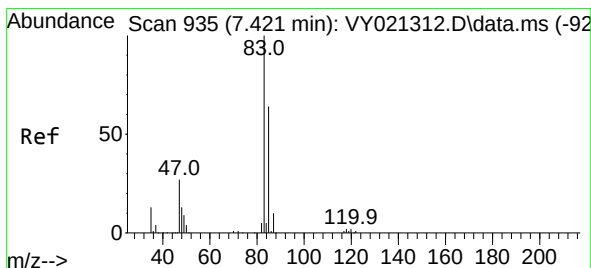
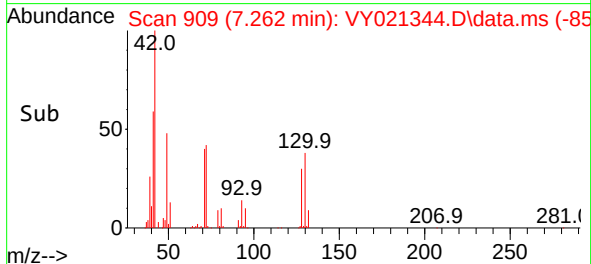
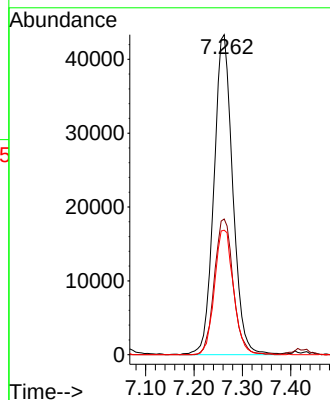
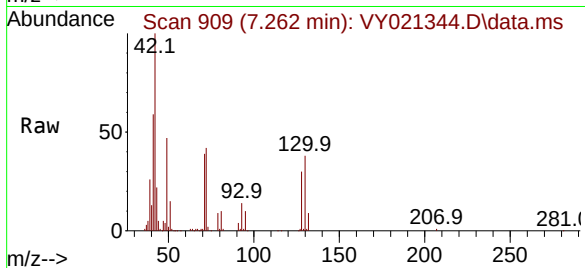
Tgt Ion: 42 Resp: 117269

Ion Ratio Lower Upper

42 100

72 42.4 33.1 49.7

71 39.3 31.4 47.0



#30

Chloroform

Concen: 51.443 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021344.D

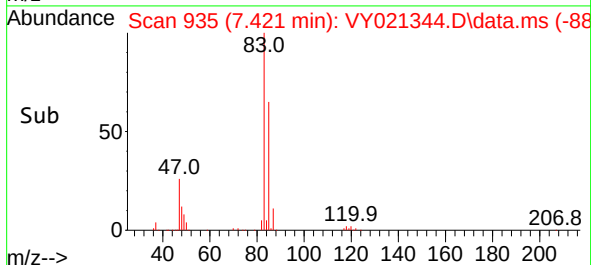
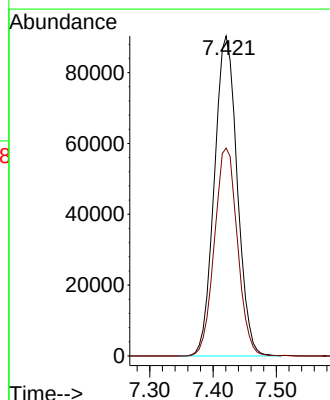
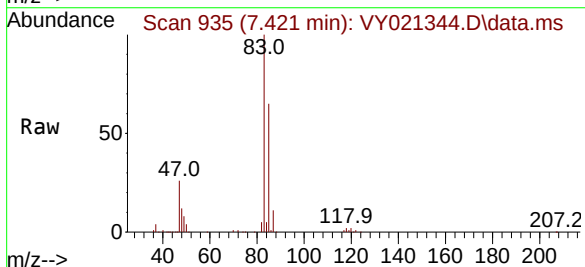
Acq: 26 Feb 2025 20:06

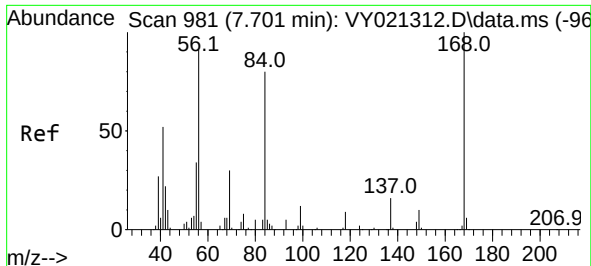
Tgt Ion: 83 Resp: 226821

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

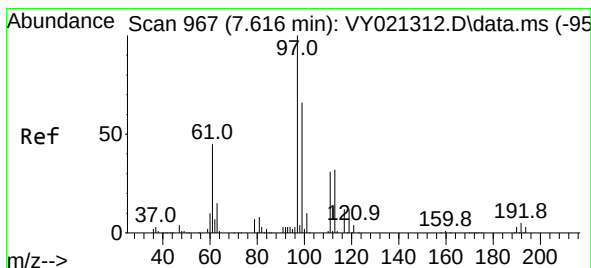
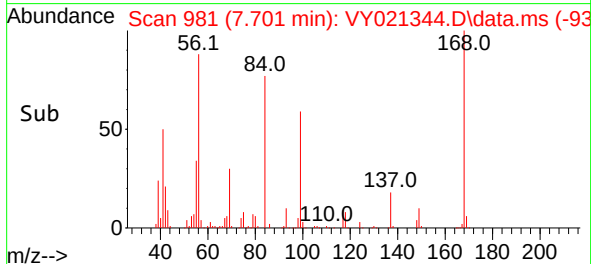
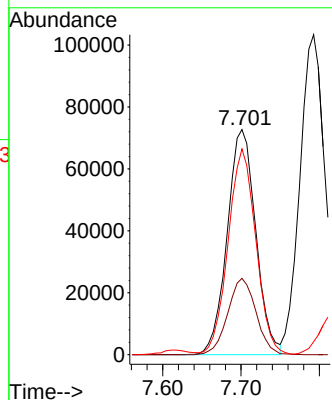
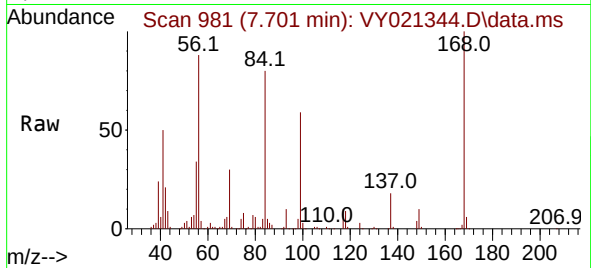




#31
Cyclohexane
Concen: 44.101 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

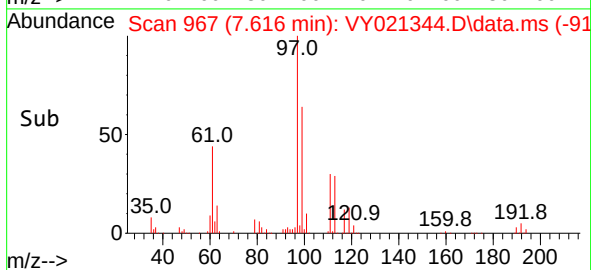
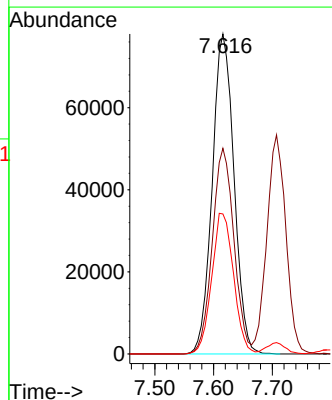
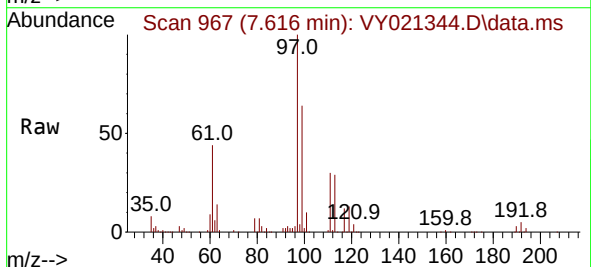
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

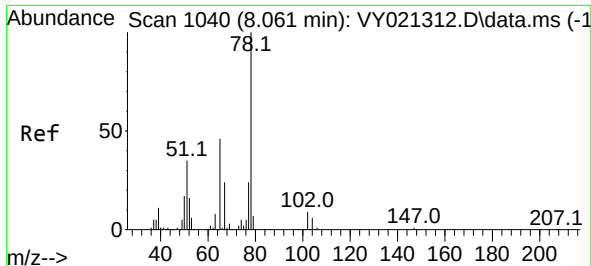
Tgt Ion: 56 Resp: 184463
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.4
84 89.5 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.940 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 97 Resp: 200425
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 44.2 36.2 54.2

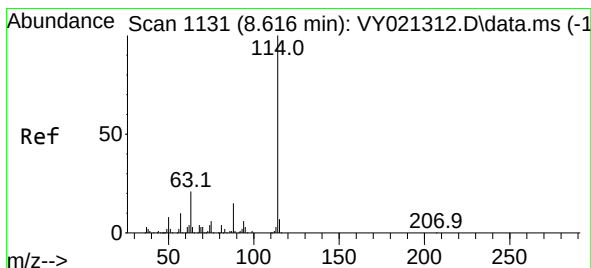
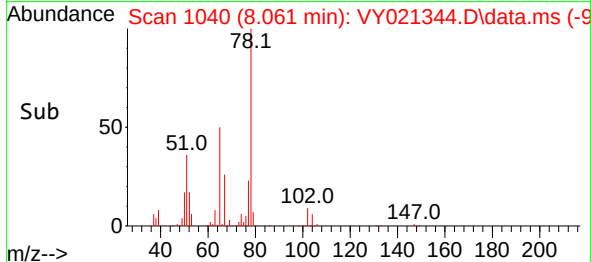
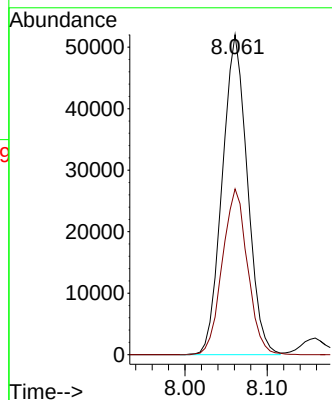
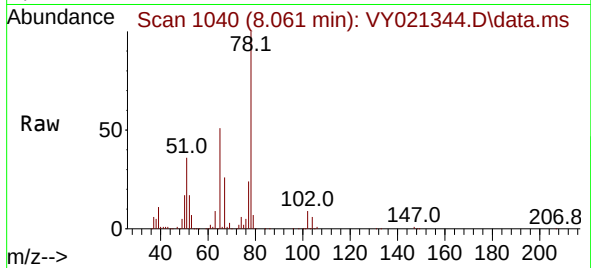




#33
1,2-Dichloroethane-d4
Concen: 46.619 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

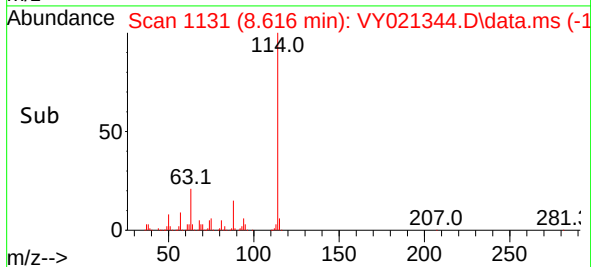
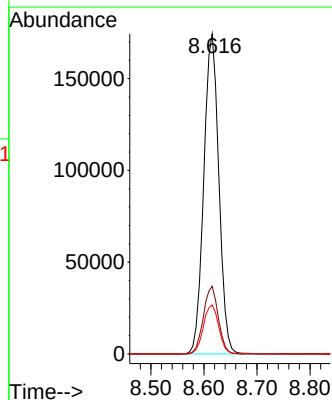
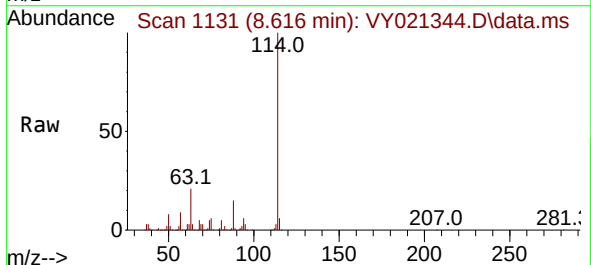
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

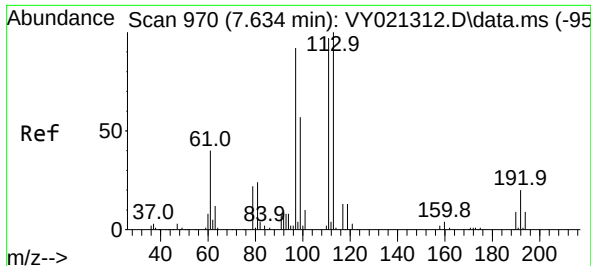
Tgt Ion: 65 Resp: 110600
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:114 Resp: 343428
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 15.3 0.0 29.8

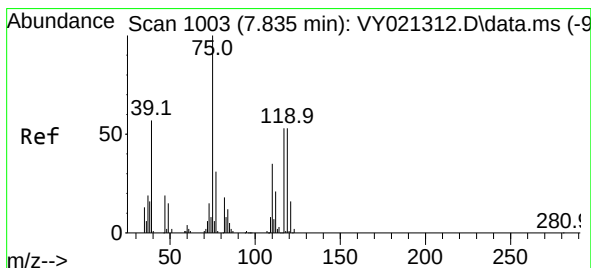
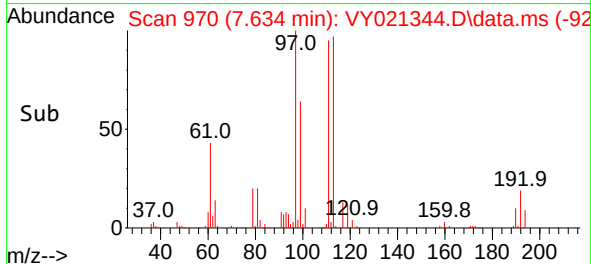
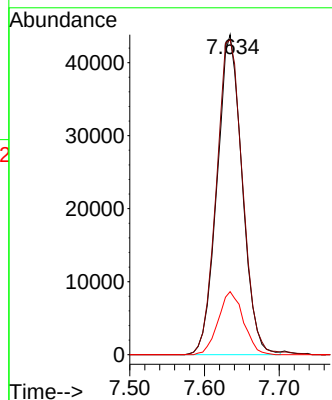
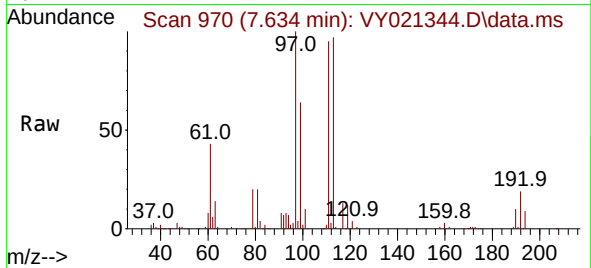




#35
Dibromofluoromethane
Concen: 45.429 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

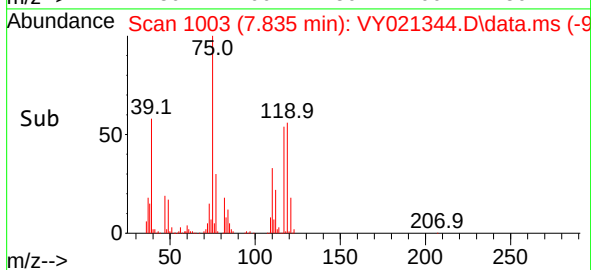
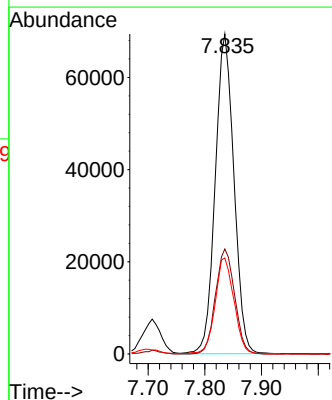
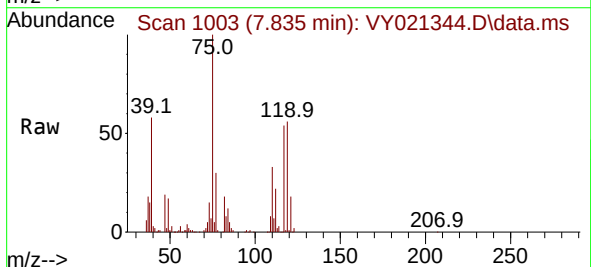
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

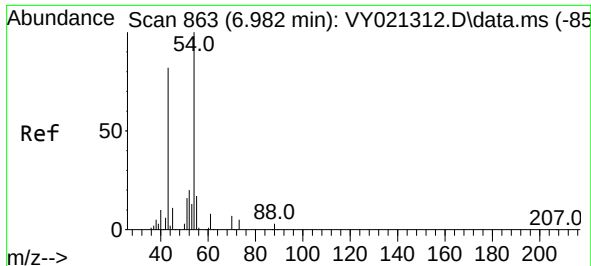
Tgt Ion:113 Resp: 102286
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 46.928 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 158713
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 30.3 24.6 36.8

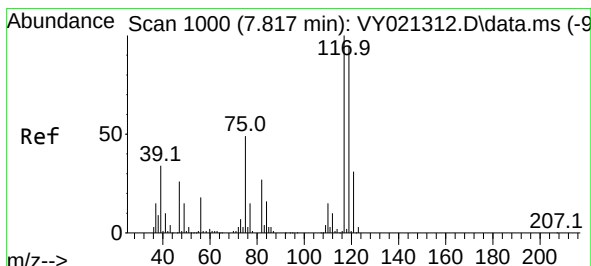
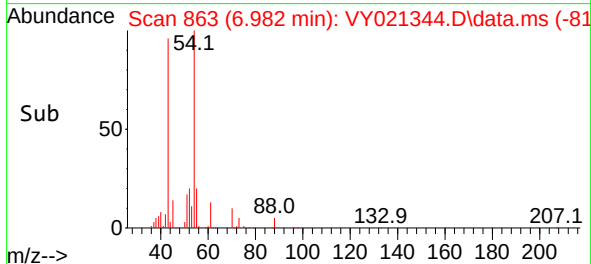
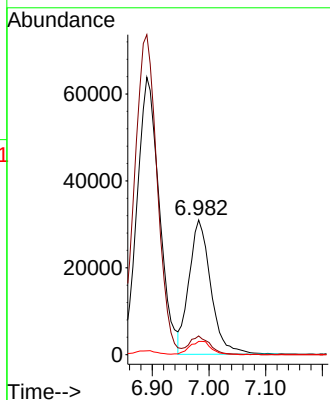
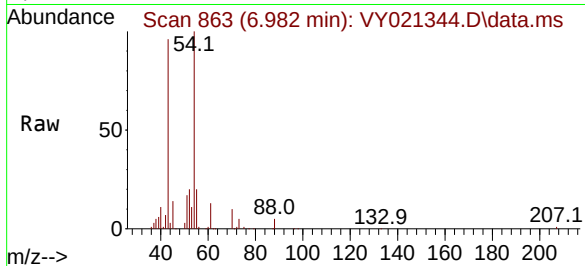




#37
Ethyl Acetate
Concen: 48.999 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

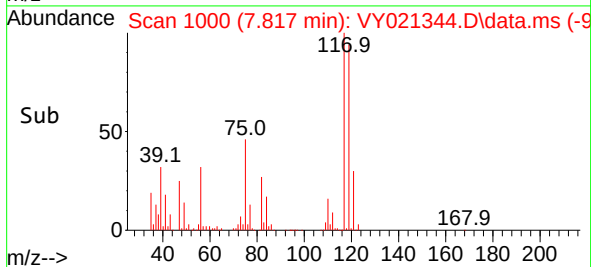
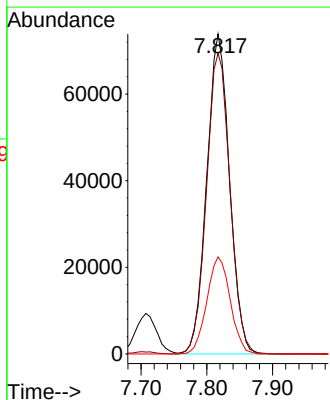
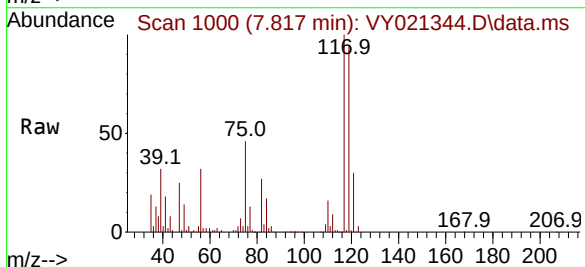
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

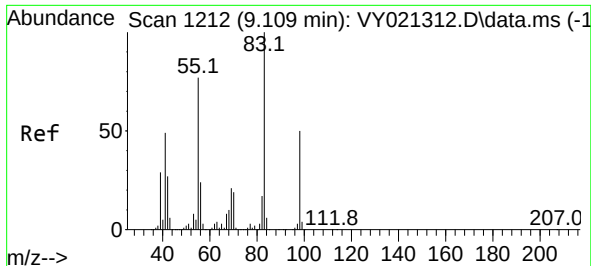
Tgt Ion: 43 Resp: 82433
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 10.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 46.933 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 117 Resp: 178448
Ion Ratio Lower Upper
117 100
119 93.9 76.0 114.0
121 30.4 24.9 37.3

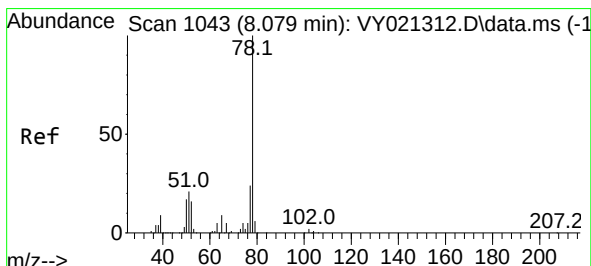
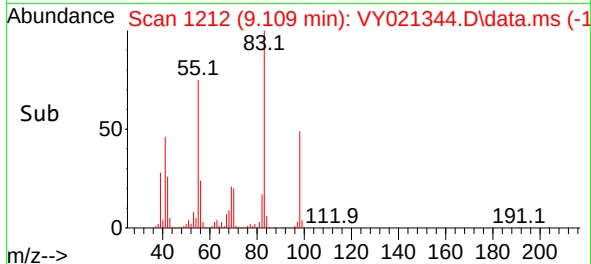
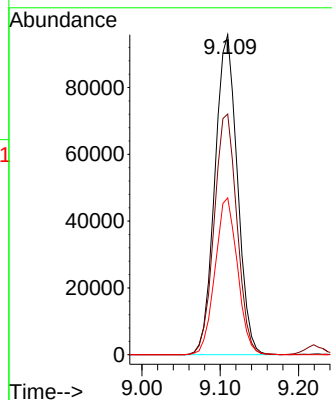
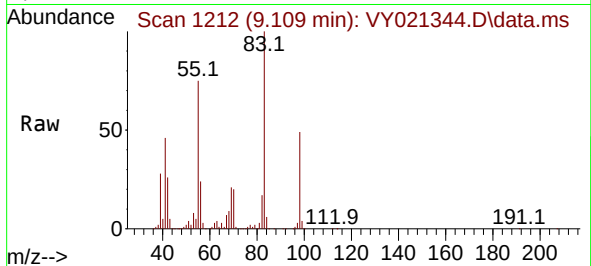




#39
Methylcyclohexane
Concen: 44.707 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

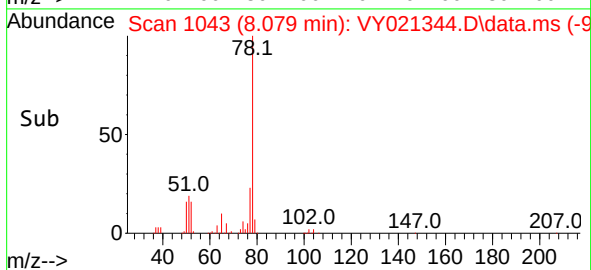
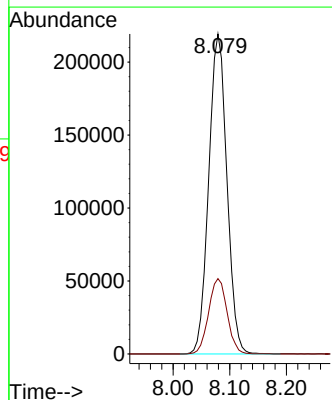
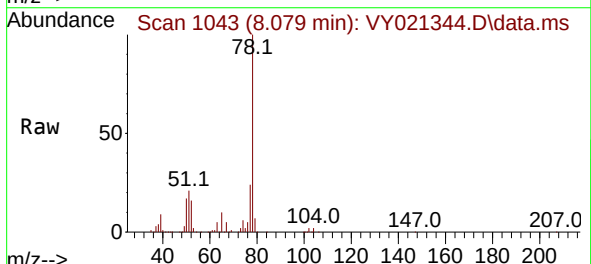
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

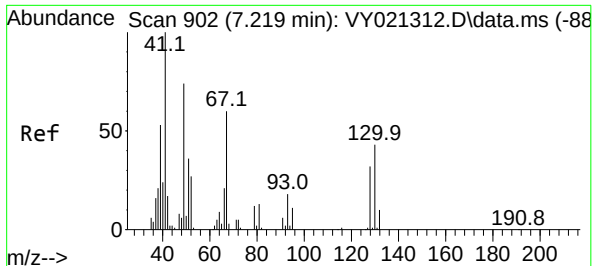
Tgt Ion: 83 Resp: 191242
Ion Ratio Lower Upper
83 100
55 75.2 61.3 91.9
98 49.0 39.9 59.9



#40
Benzene
Concen: 48.823 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 78 Resp: 488113
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

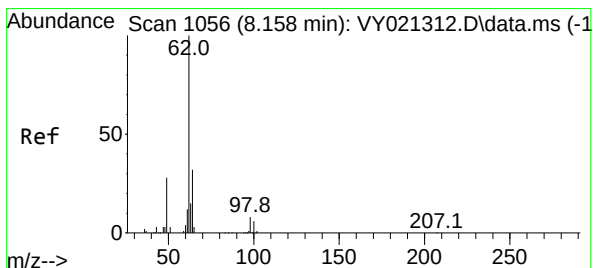
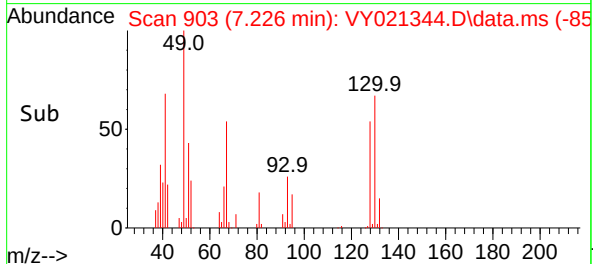
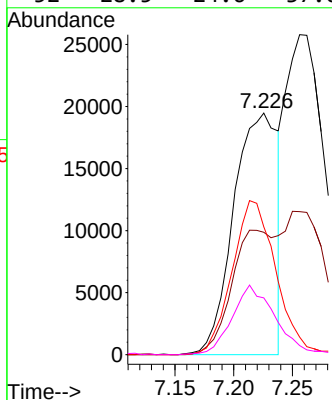
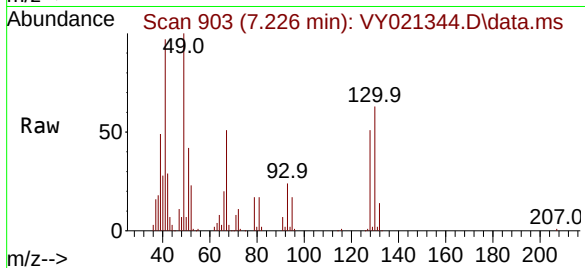




#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

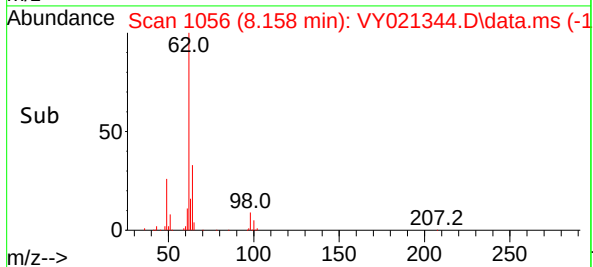
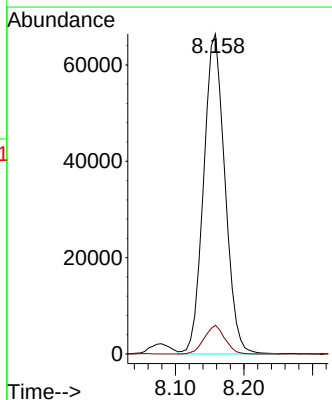
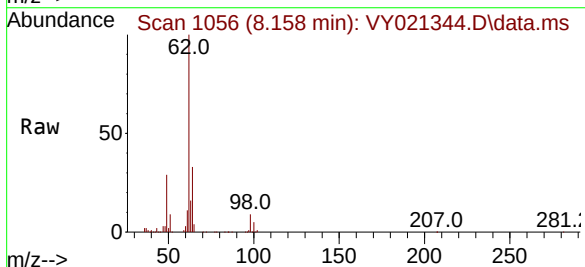
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

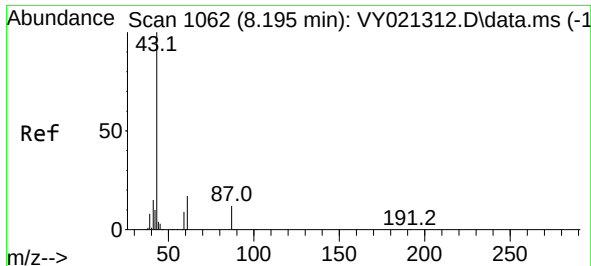
Tgt Ion:	41	Resp:	50830
Ion Ratio	Lower	Upper	
41	100		
39	46.4	42.3	63.5
67	63.7	54.8	82.2
52	28.5	24.6	37.0



#42
1,2-Dichloroethane
Concen: 50.672 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:	62	Resp:	143731
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.6

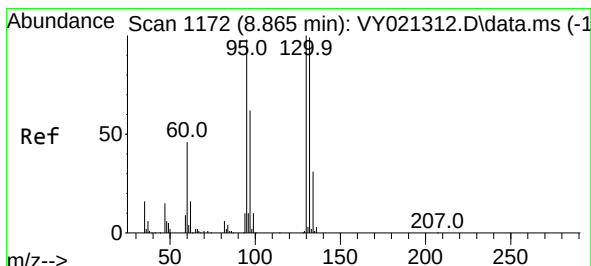
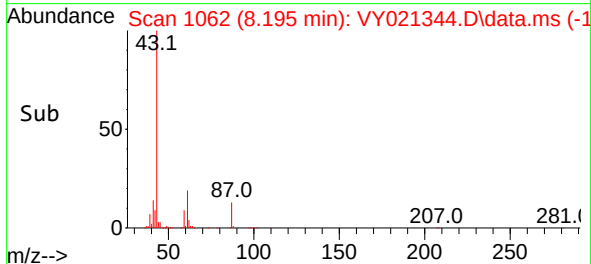
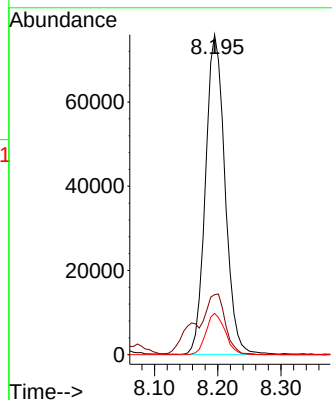
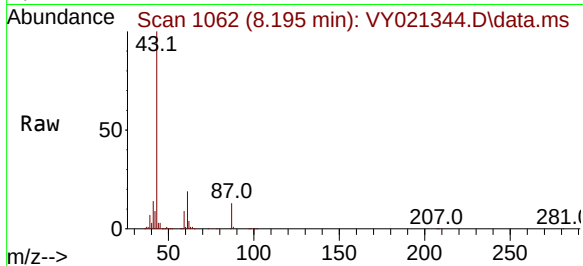




#43
Isopropyl Acetate
Concen: 49.861 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

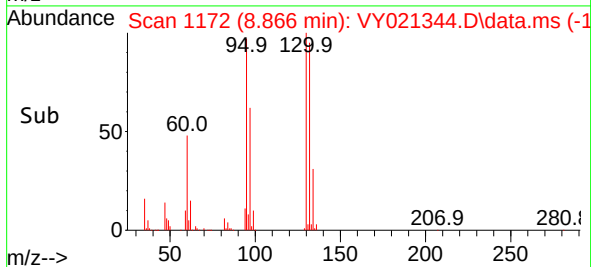
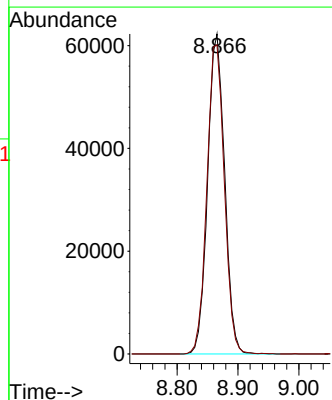
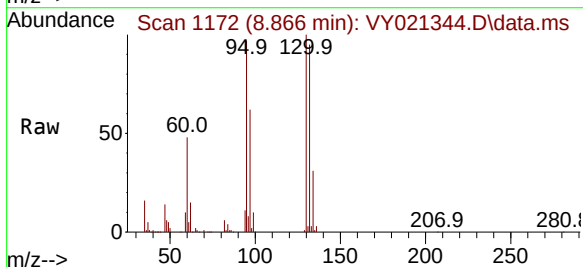
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

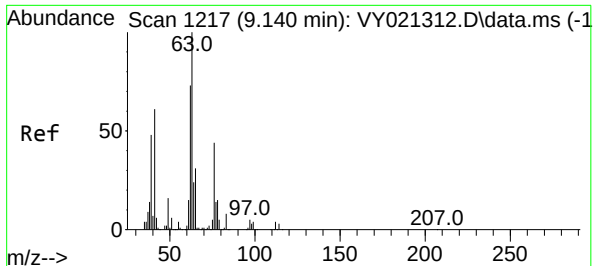
Tgt Ion: 43 Resp: 162361
Ion Ratio Lower Upper
43 100
61 19.5 15.0 22.6
87 12.7 10.0 15.0



#44
Trichloroethene
Concen: 48.271 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:130 Resp: 120825
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.736 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

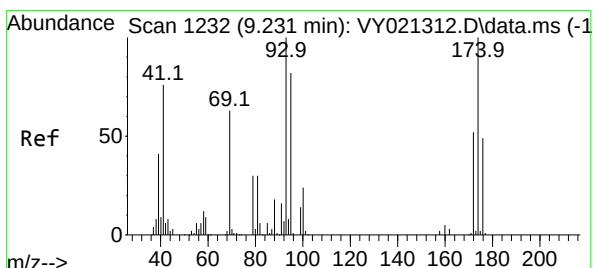
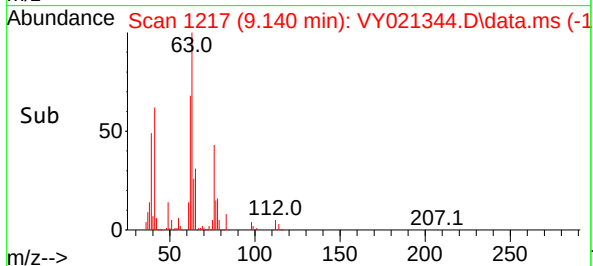
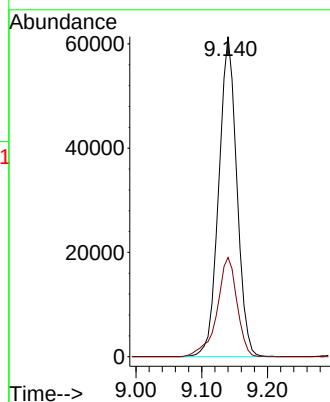
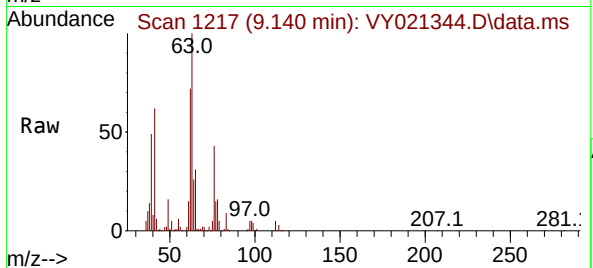
VSTDCCC050EC

Tgt Ion: 63 Resp: 117257

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 50.499 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

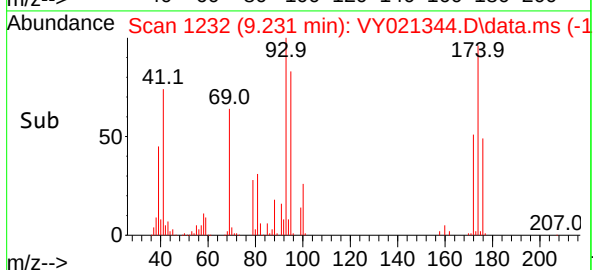
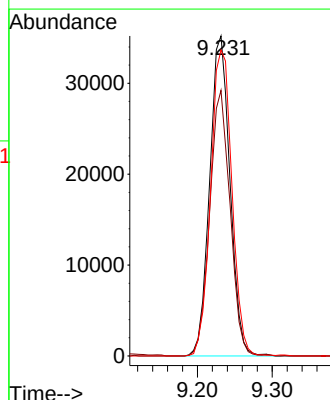
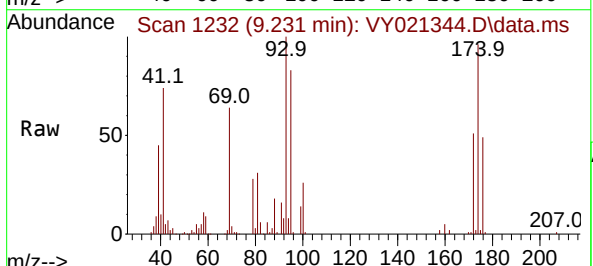
Tgt Ion: 93 Resp: 66414

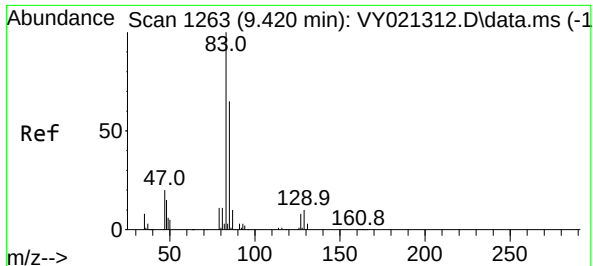
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 100.3 78.2 117.2

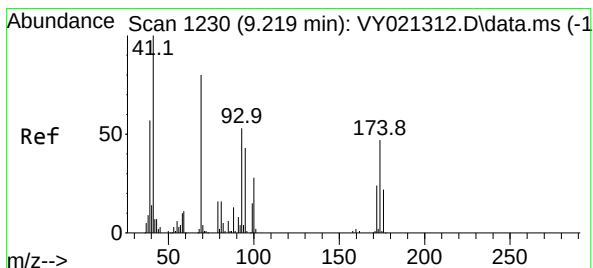
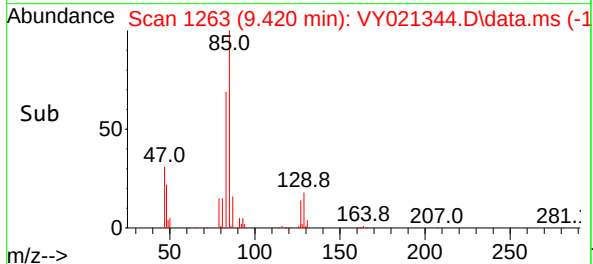
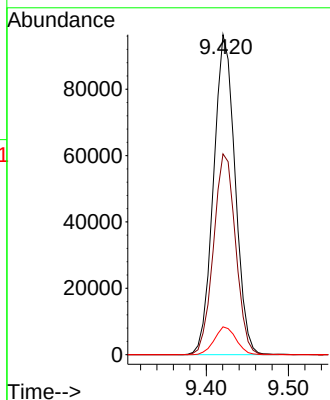
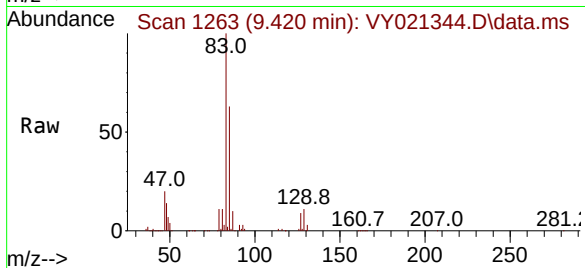




#47
Bromodichloromethane
Concen: 50.086 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

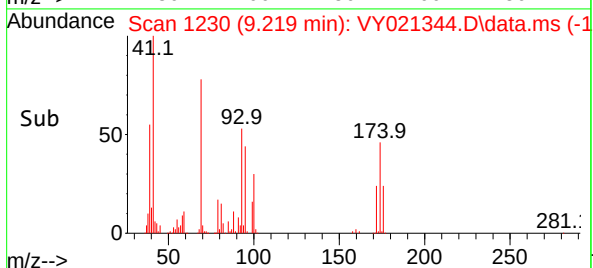
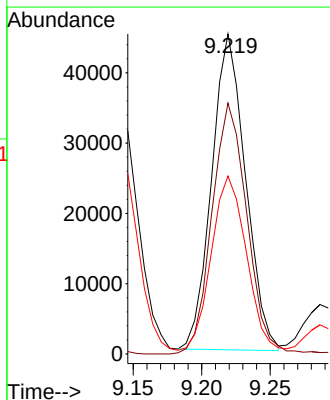
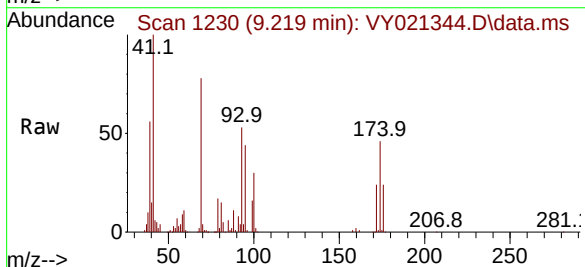
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

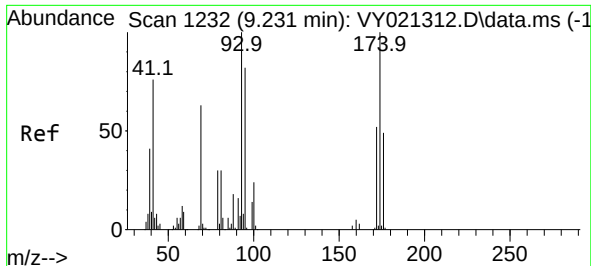
Tgt Ion: 83 Resp: 175634
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 50.619 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 41 Resp: 77080
Ion Ratio Lower Upper
41 100
69 82.7 63.3 94.9
39 57.1 45.0 67.6





#49

1,4-Dioxane

Concen: 1015.844 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

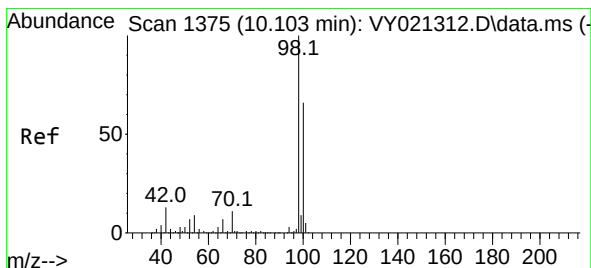
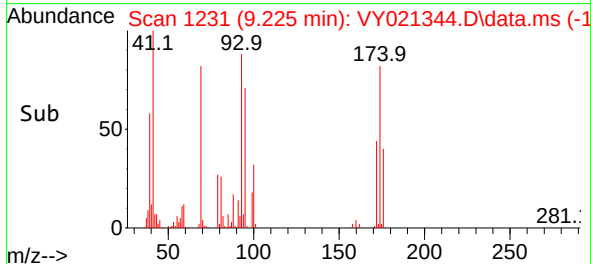
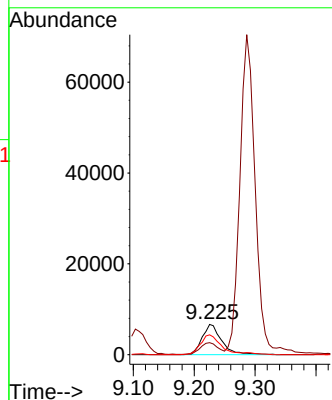
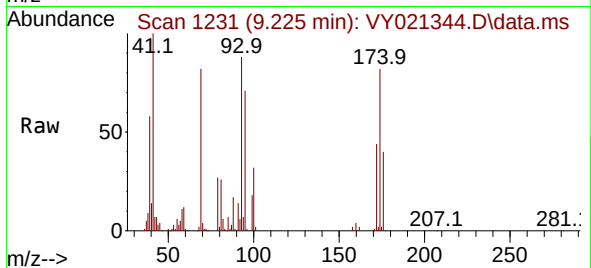
Tgt Ion: 88 Resp: 14855

Ion Ratio Lower Upper

88 100

43 34.7 34.8 52.2#

58 72.1 59.8 89.6



#50

Toluene-d8

Concen: 44.650 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021344.D

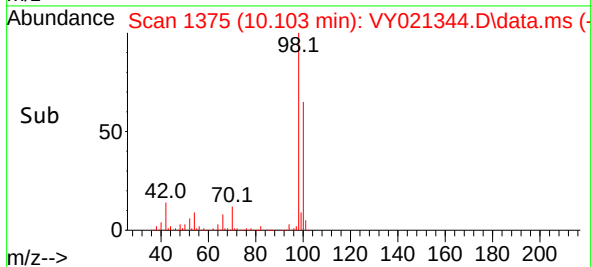
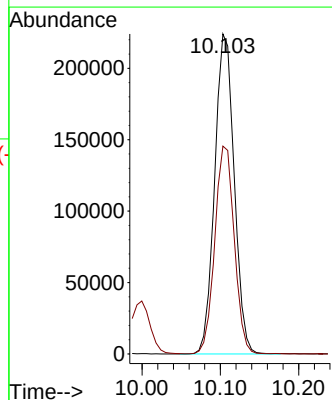
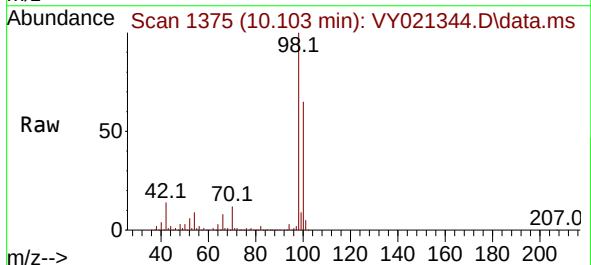
Acq: 26 Feb 2025 20:06

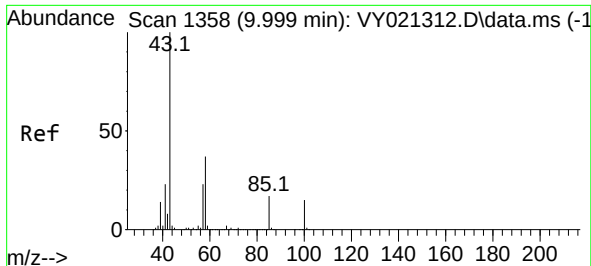
Tgt Ion: 98 Resp: 388525

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 254.988 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

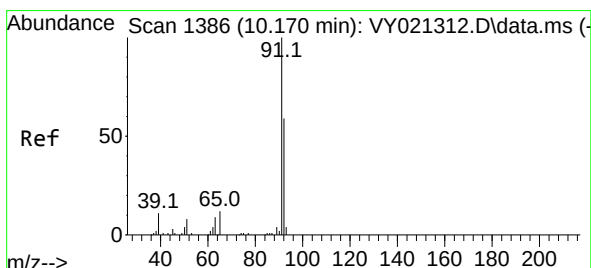
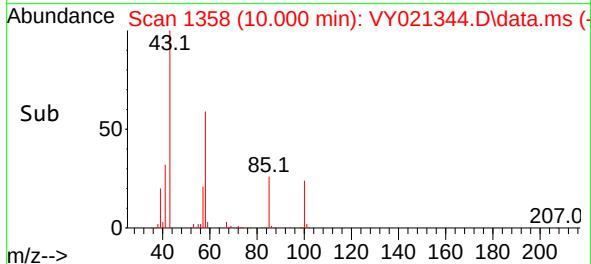
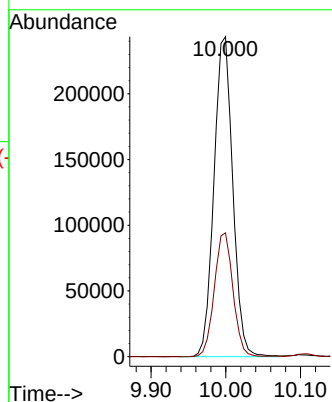
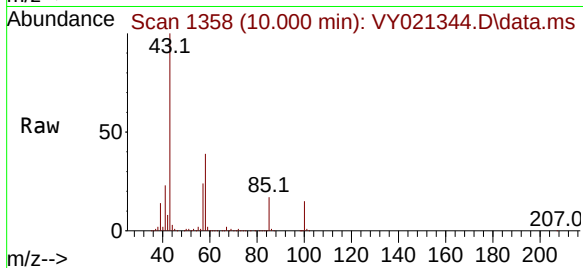
VSTDCCC050EC

Tgt Ion: 43 Resp: 425033

Ion Ratio Lower Upper

43 100

58 38.5 30.1 45.1



#52

Toluene

Concen: 49.585 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021344.D

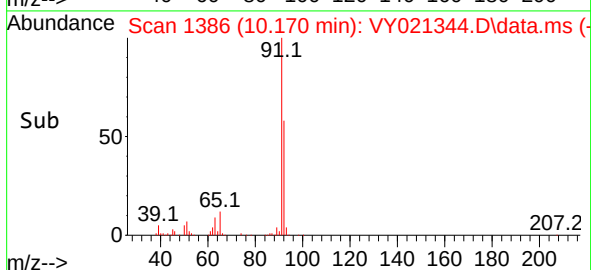
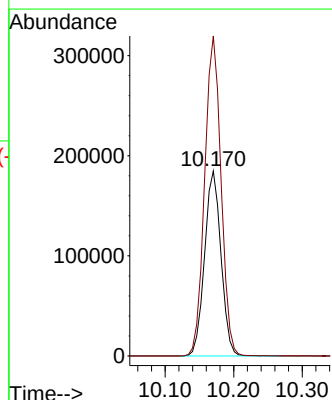
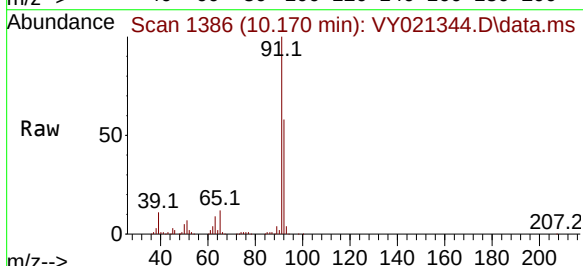
Acq: 26 Feb 2025 20:06

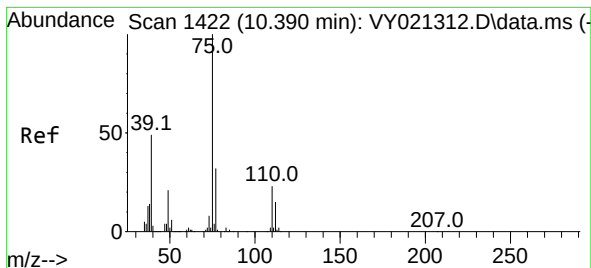
Tgt Ion: 92 Resp: 307967

Ion Ratio Lower Upper

92 100

91 173.1 137.8 206.8

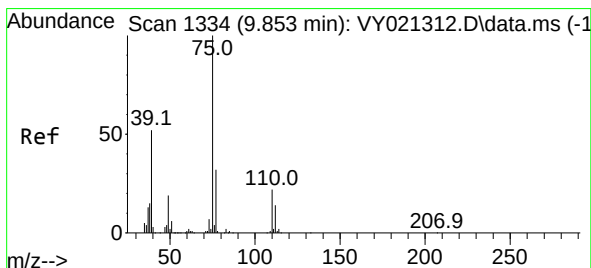
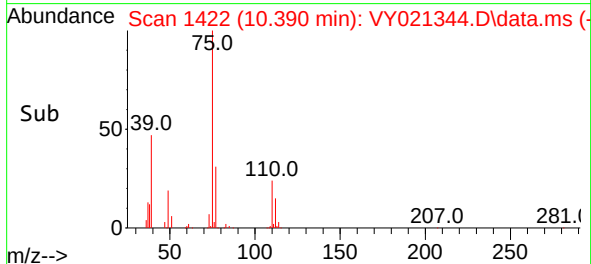
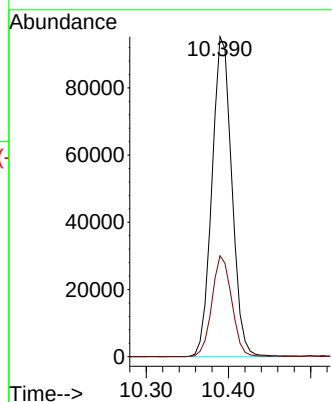
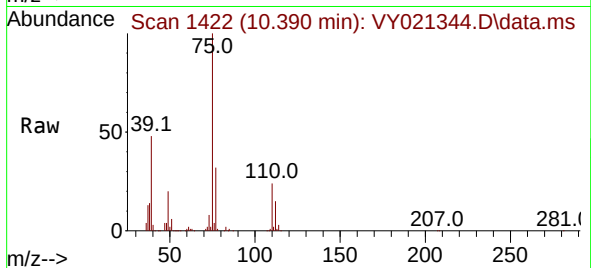




#53
t-1,3-Dichloropropene
Concen: 49.701 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

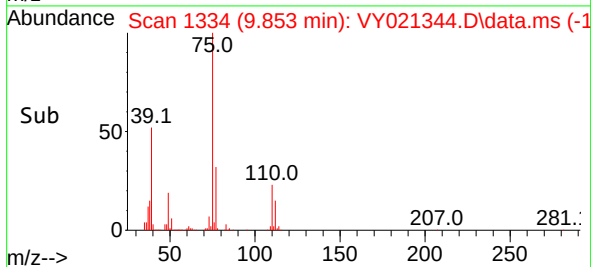
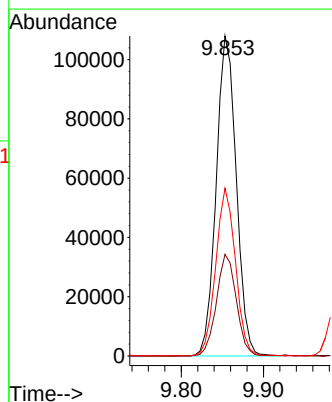
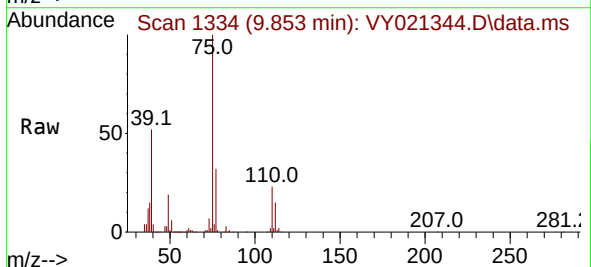
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

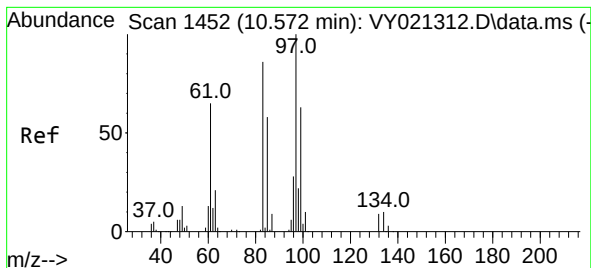
Tgt Ion: 75 Resp: 159678
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.340 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 183344
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 52.3 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 50.858 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 87133

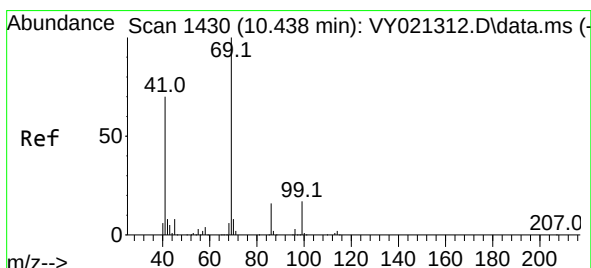
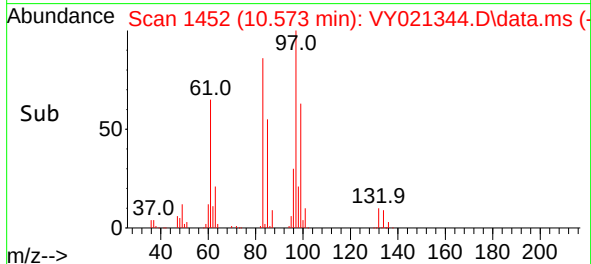
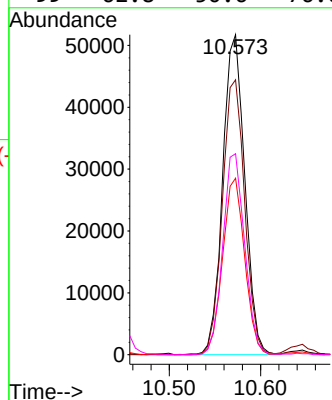
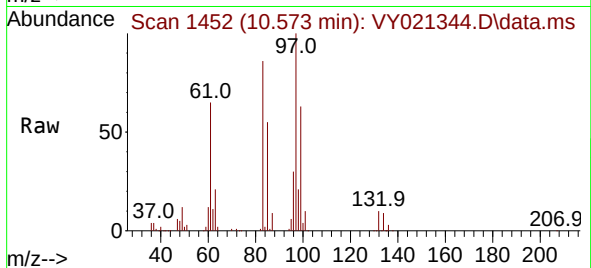
Ion Ratio Lower Upper

97 100

83 85.9 68.7 103.1

85 55.1 46.3 69.5

99 62.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 53.738 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

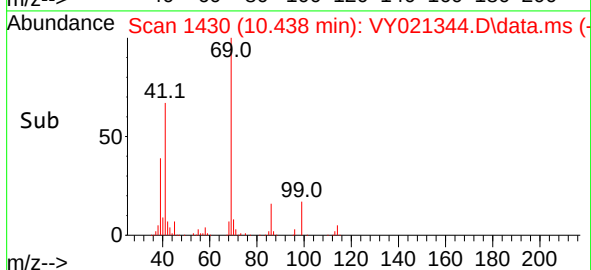
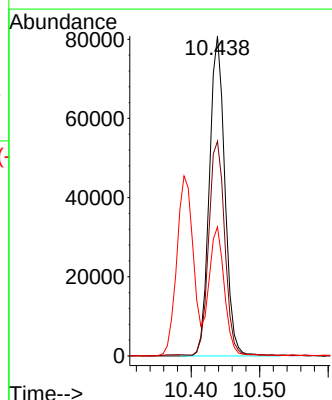
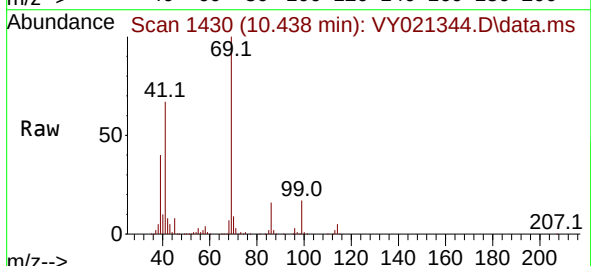
Tgt Ion: 69 Resp: 127215

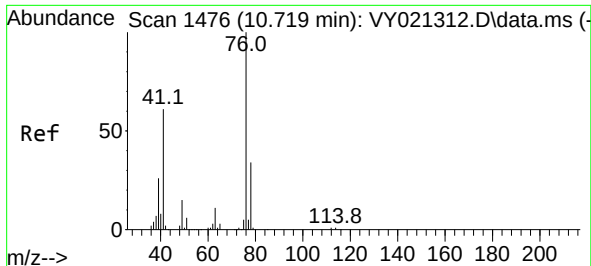
Ion Ratio Lower Upper

69 100

41 68.8 56.2 84.4

39 40.0 32.7 49.1





#57

1,3-Dichloropropane

Concen: 50.818 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

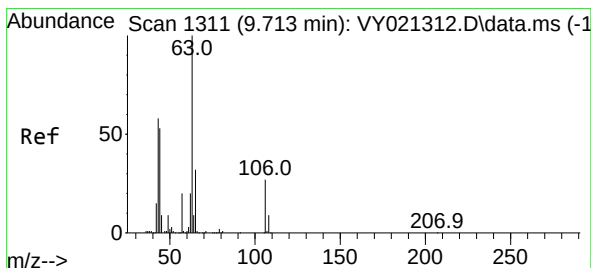
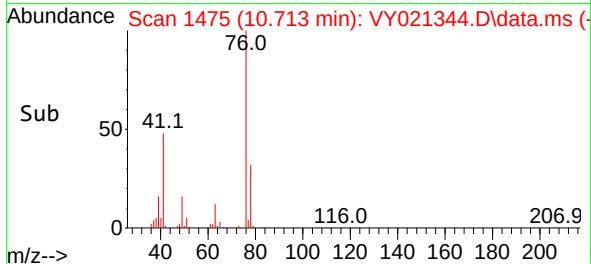
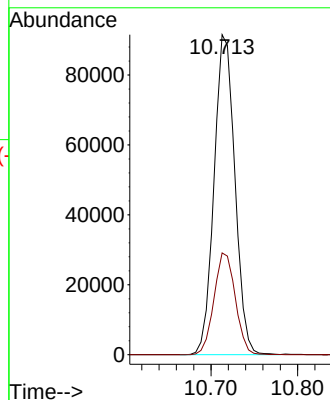
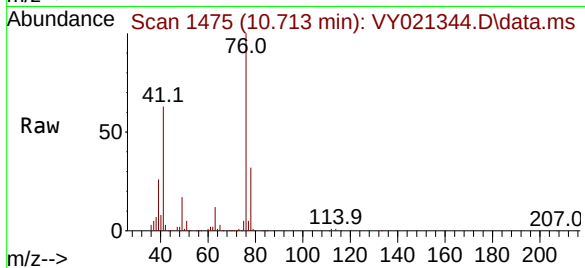
VSTDCCC050EC

Tgt Ion: 76 Resp: 152781

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 257.068 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021344.D

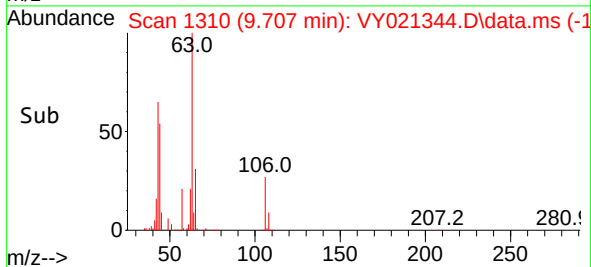
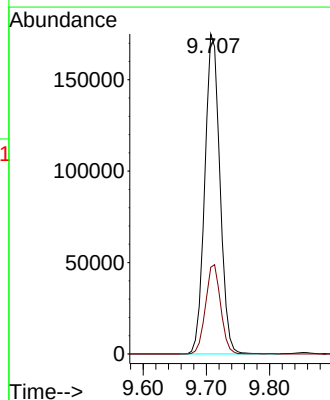
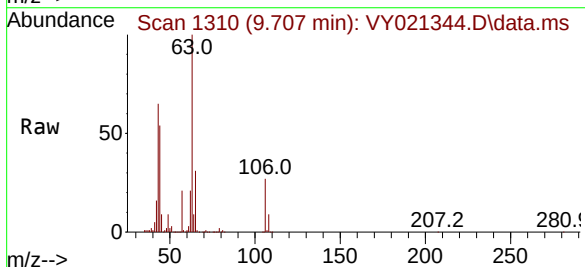
Acq: 26 Feb 2025 20:06

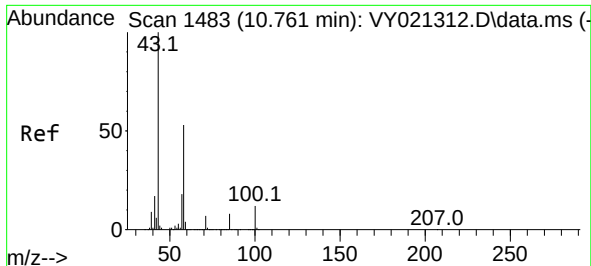
Tgt Ion: 63 Resp: 292101

Ion Ratio Lower Upper

63 100

106 27.9 21.7 32.5

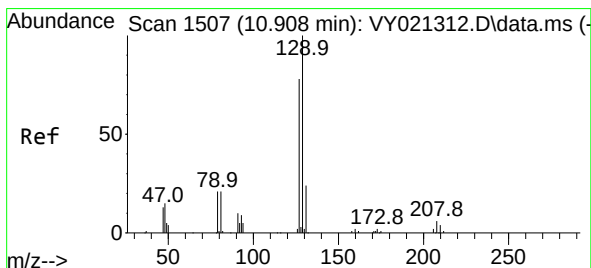
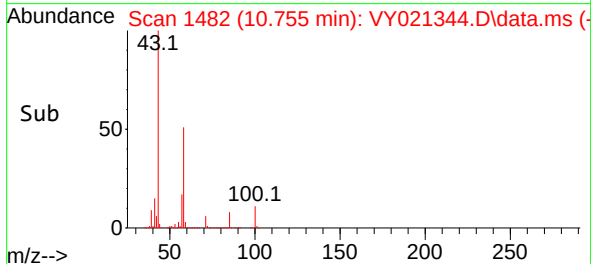
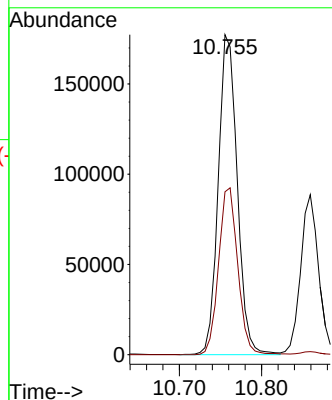
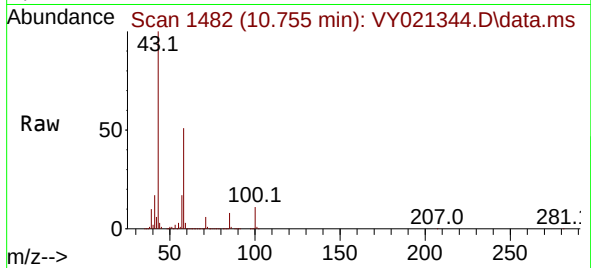




#59
2-Hexanone
Concen: 260.462 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

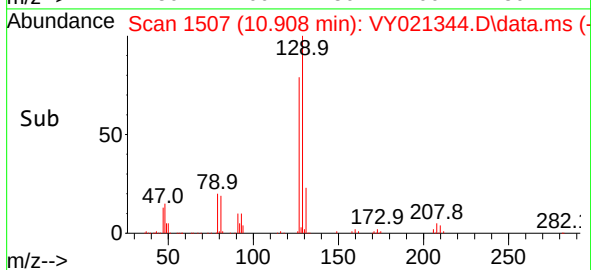
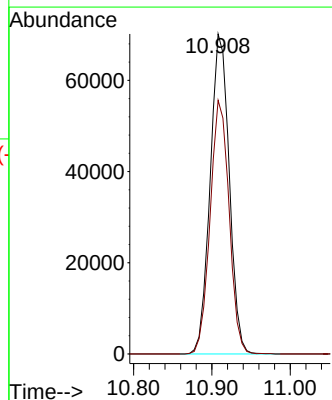
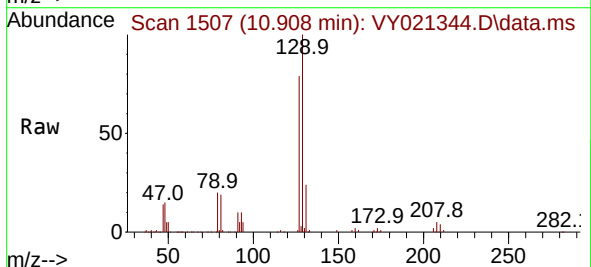
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

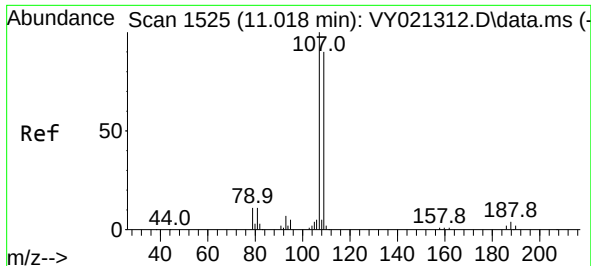
Tgt Ion: 43 Resp: 285133
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.6



#60
Dibromochloromethane
Concen: 50.788 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 129 Resp: 118508
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4

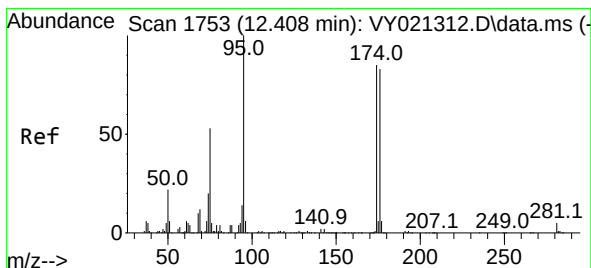
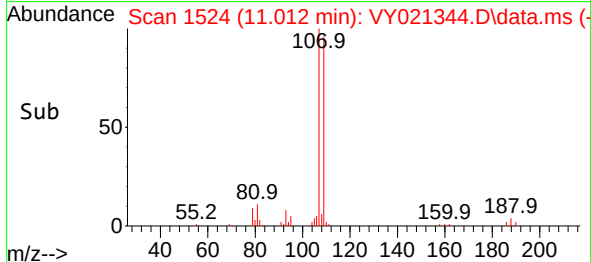
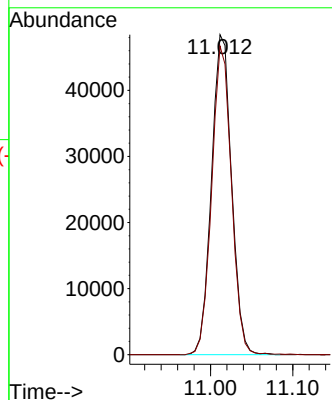
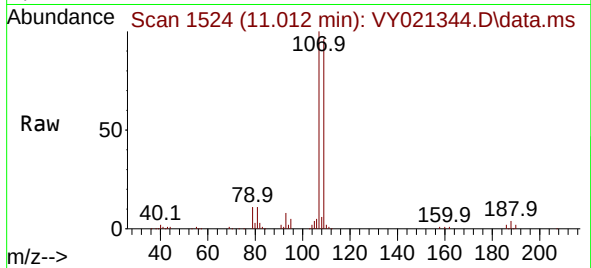




#61
1,2-Dibromoethane
Concen: 50.586 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

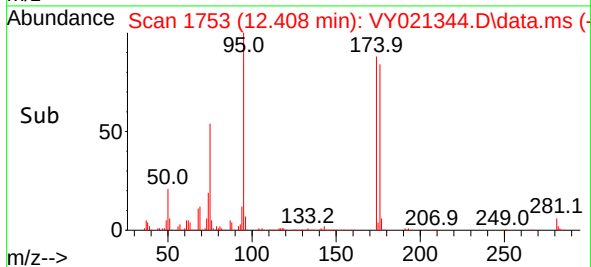
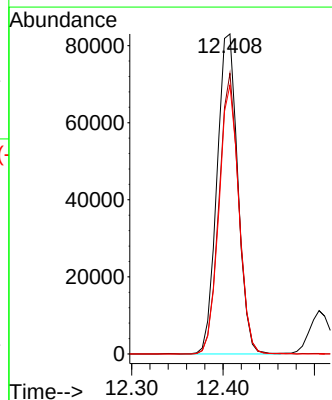
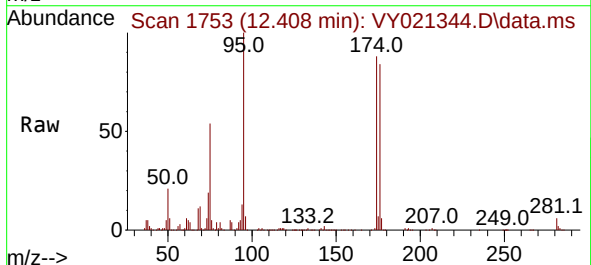
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

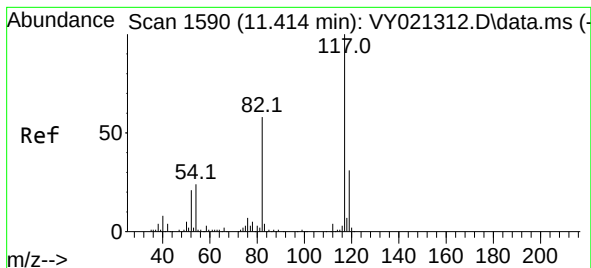
Tgt Ion:107 Resp: 82050
Ion Ratio Lower Upper
107 100
109 94.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 95 Resp: 131584
Ion Ratio Lower Upper
95 100
174 82.7 0.0 168.0
176 80.5 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

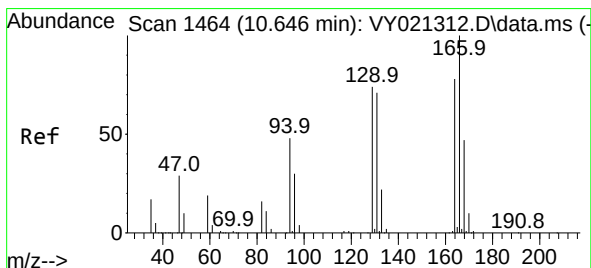
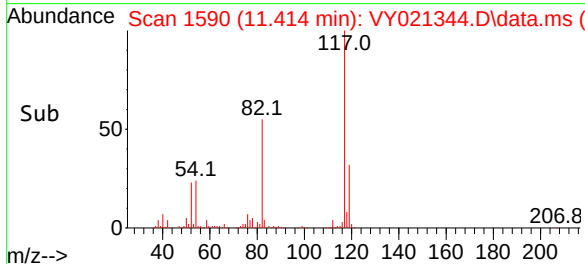
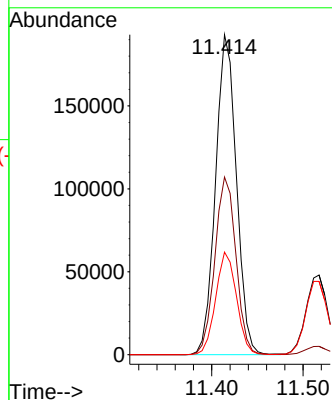
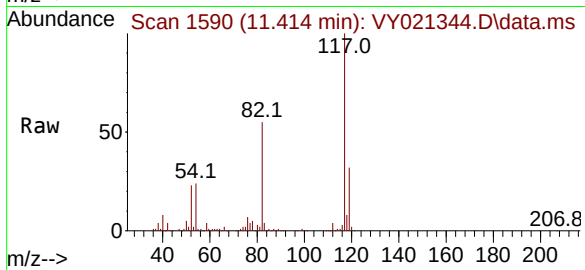
Tgt Ion:117 Resp: 305969

Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 32.0 24.9 37.3



#64

Tetrachloroethene

Concen: 46.783 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Tgt Ion:164 Resp: 108193

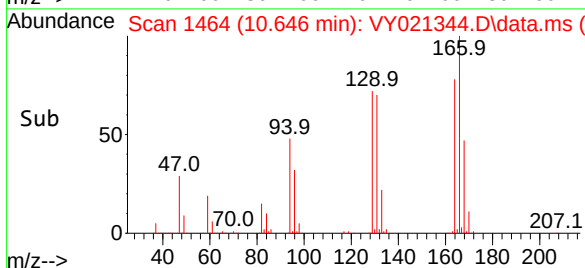
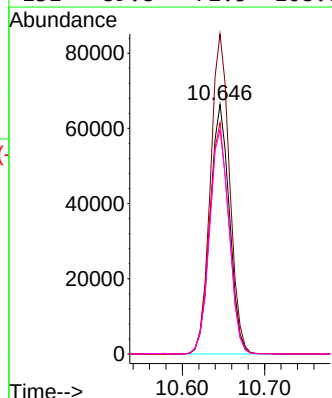
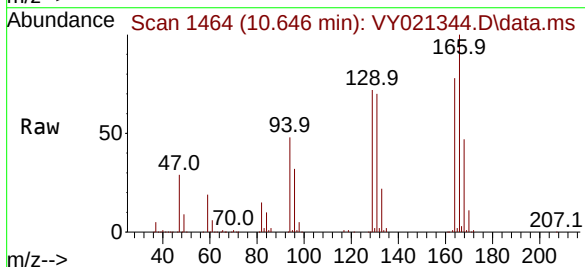
Ion Ratio Lower Upper

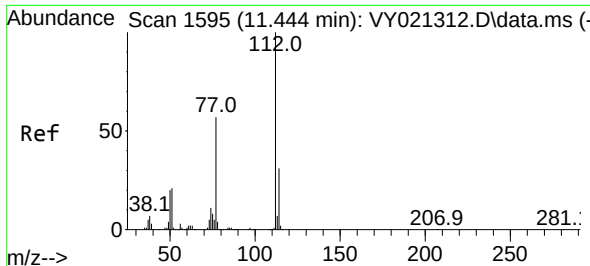
164 100

166 128.3 101.9 152.9

129 92.7 75.5 113.3

131 89.8 72.5 108.7

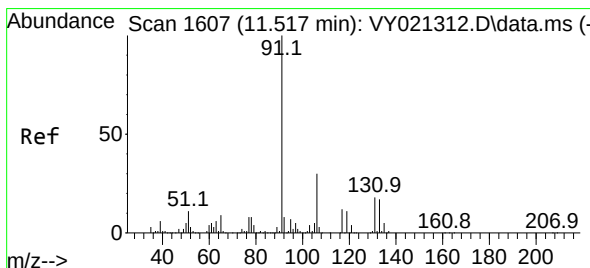
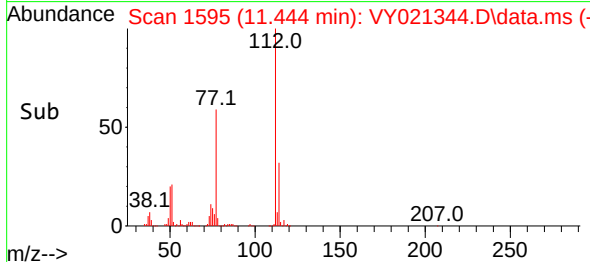
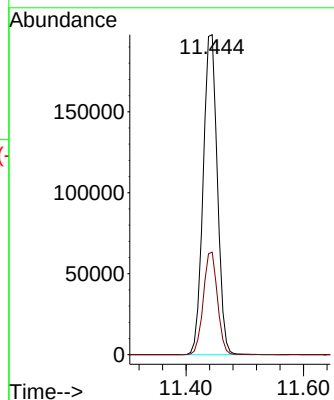
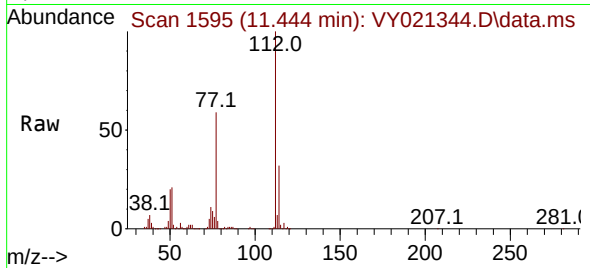




#65
Chlorobenzene
Concen: 48.330 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

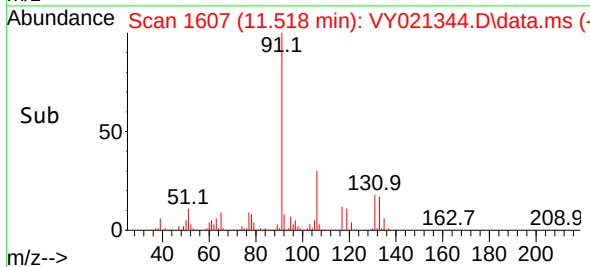
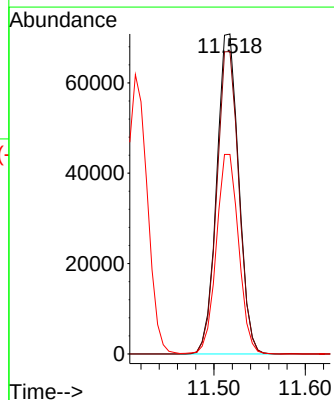
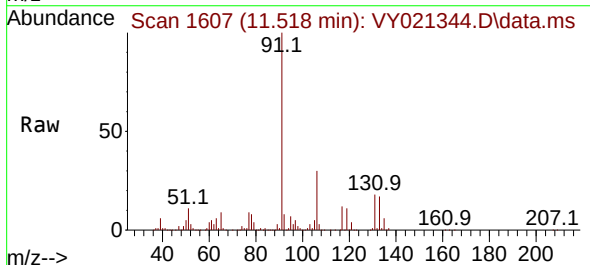
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

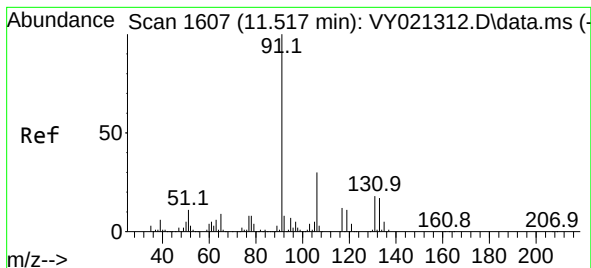
Tgt Ion:112 Resp: 331937
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.313 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion:131 Resp: 118595
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 63.2 31.7 95.1





#67

Ethyl Benzene

Concen: 48.106 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

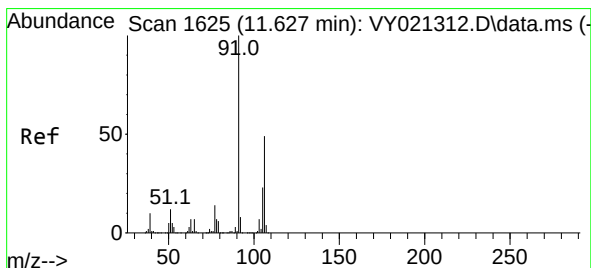
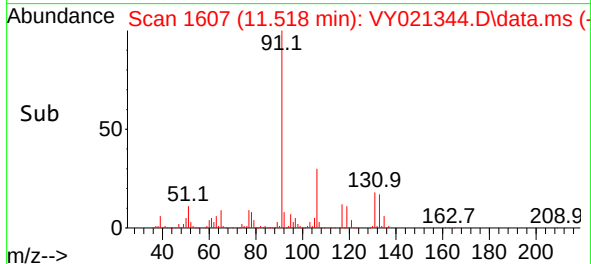
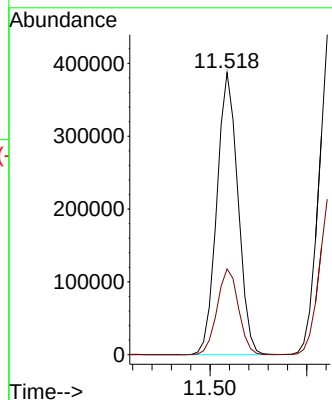
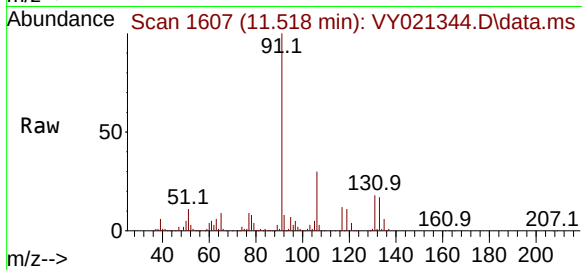
VSTDCCC050EC

Tgt Ion: 91 Resp: 585231

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 96.556 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021344.D

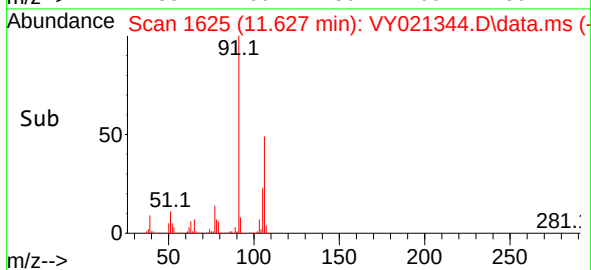
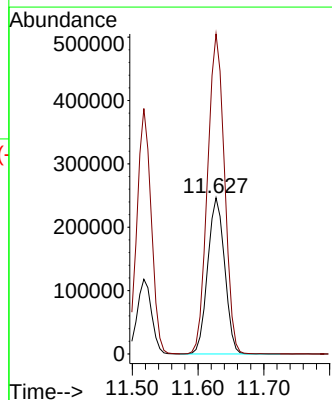
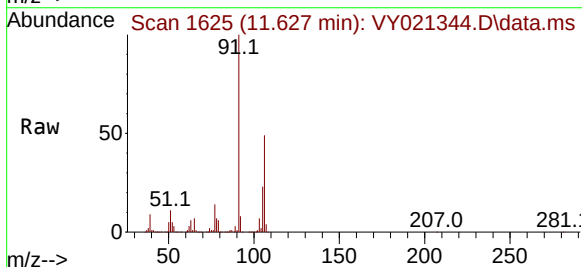
Acq: 26 Feb 2025 20:06

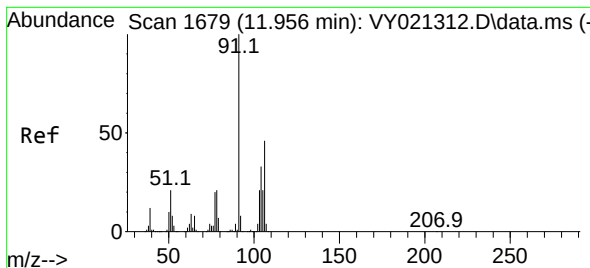
Tgt Ion:106 Resp: 441830

Ion Ratio Lower Upper

106 100

91 205.2 163.9 245.9





#69

o-Xylene

Concen: 49.544 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

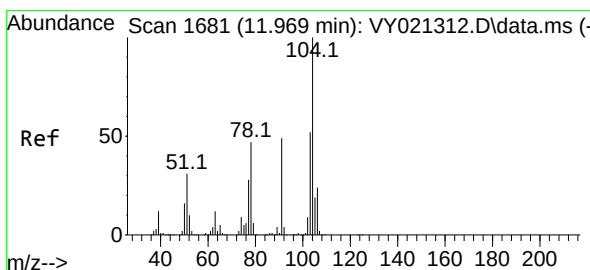
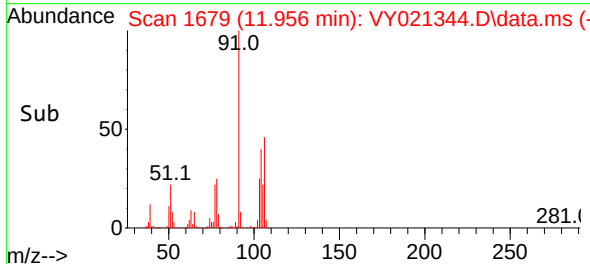
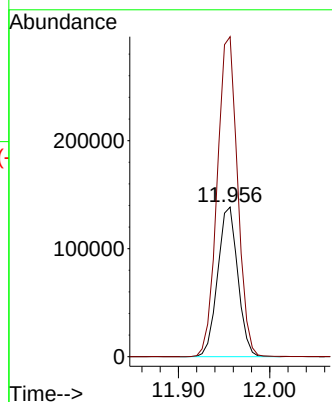
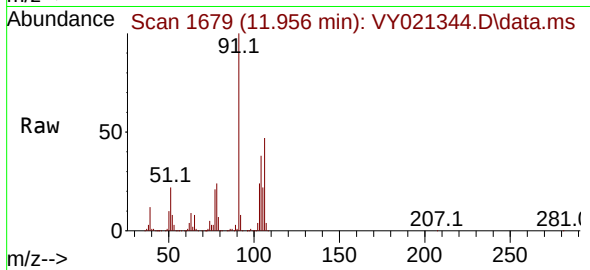
VSTDCCC050EC

Tgt Ion:106 Resp: 212382

Ion Ratio Lower Upper

106 100

91 216.1 108.1 324.2



#70

Styrene

Concen: 50.170 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

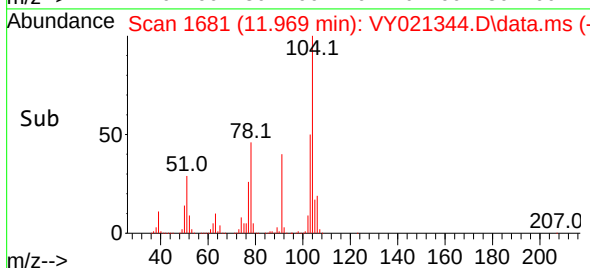
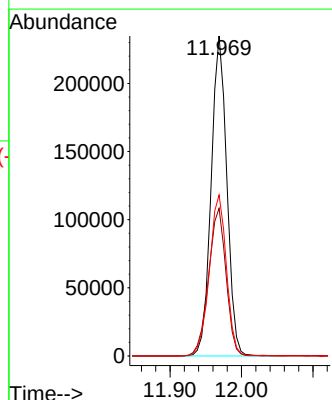
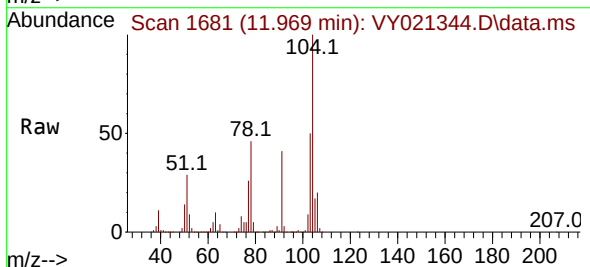
Tgt Ion:104 Resp: 357830

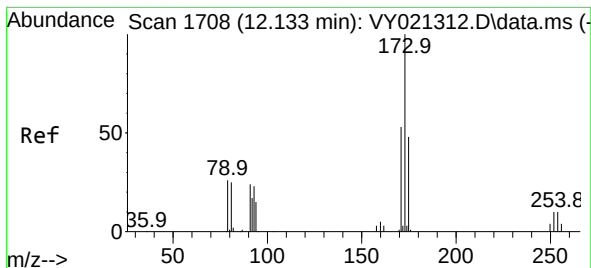
Ion Ratio Lower Upper

104 100

78 51.4 41.3 61.9

103 54.8 43.9 65.9





#71

Bromoform

Concen: 50.071 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

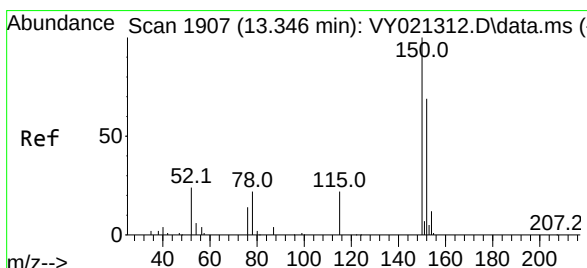
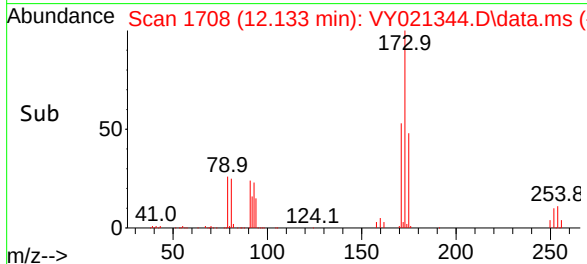
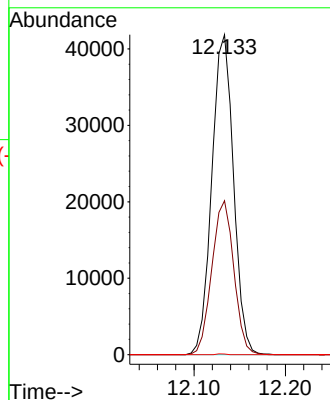
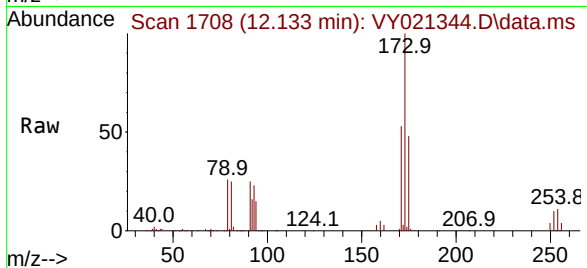
Tgt Ion:173 Resp: 68887

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

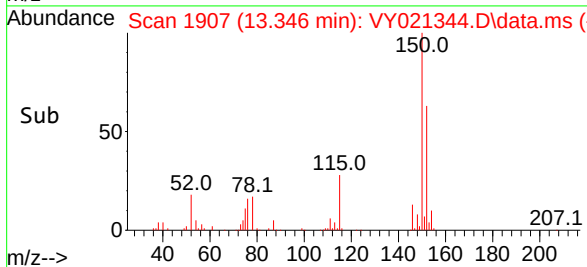
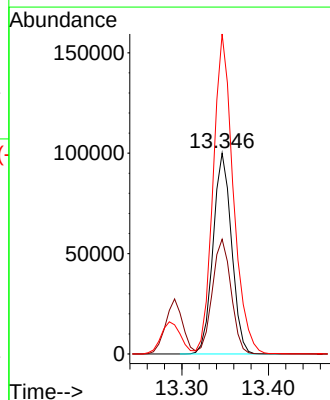
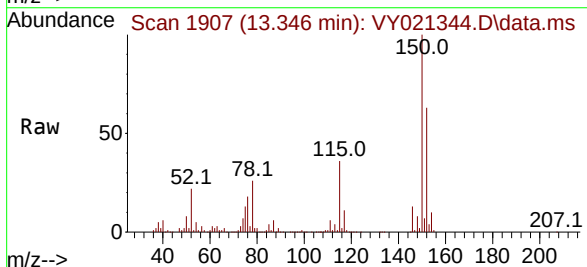
Tgt Ion:152 Resp: 148168

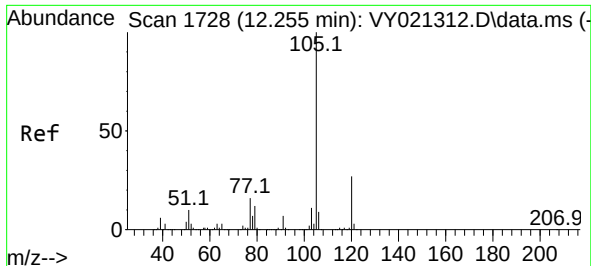
Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 173.1 0.0 347.4

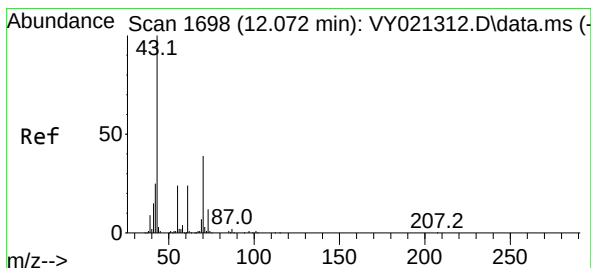
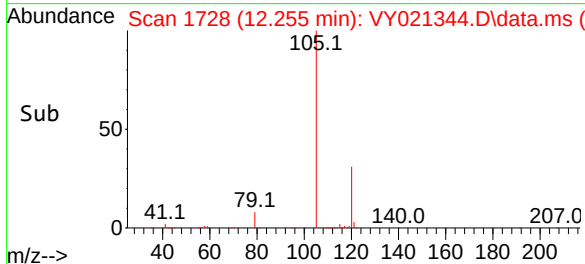
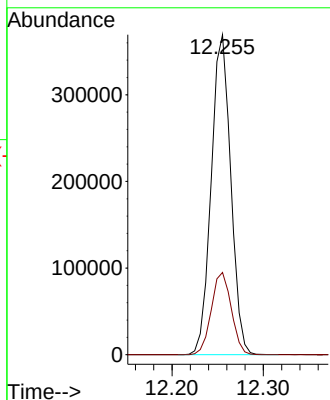
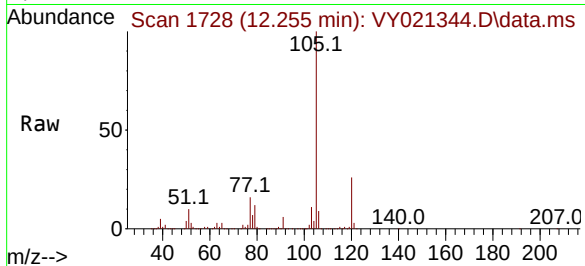




#73
Isopropylbenzene
Concen: 49.240 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

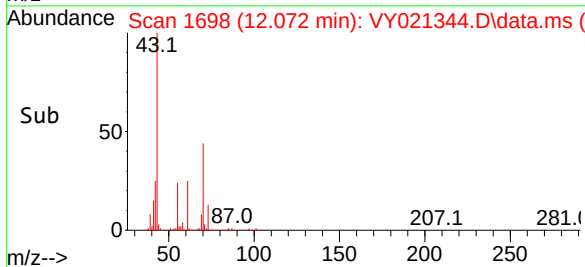
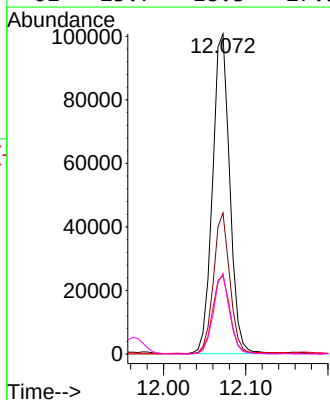
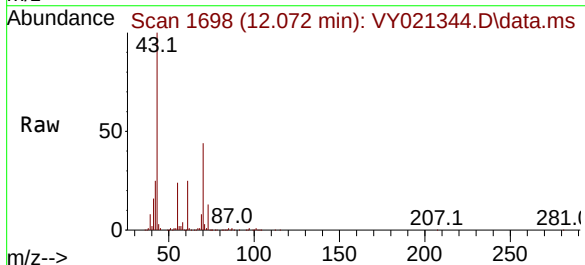
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

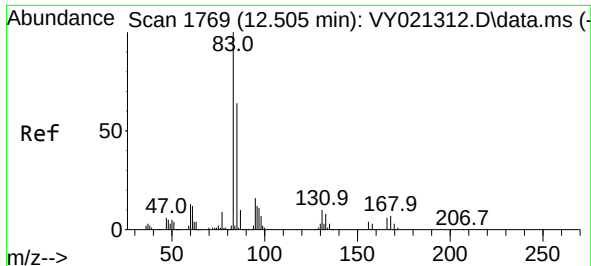
Tgt Ion:105 Resp: 548496
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-ethyl acetate
Concen: 51.825 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 43 Resp: 146735
Ion Ratio Lower Upper
43 100
70 42.1 32.2 48.2
55 24.8 19.6 29.4
61 23.7 18.3 27.5

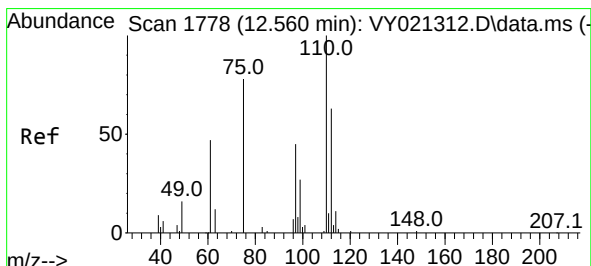
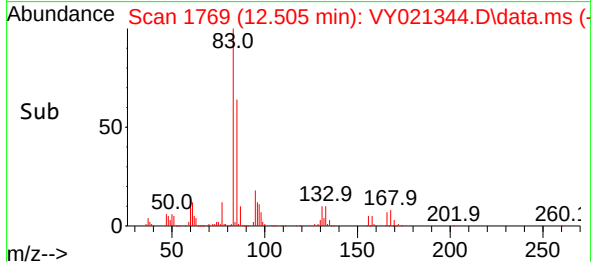
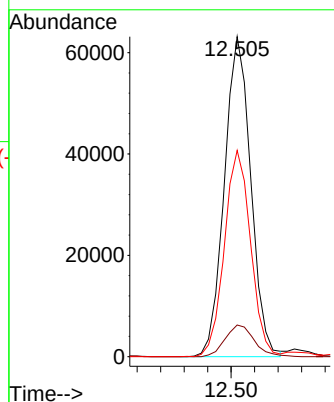
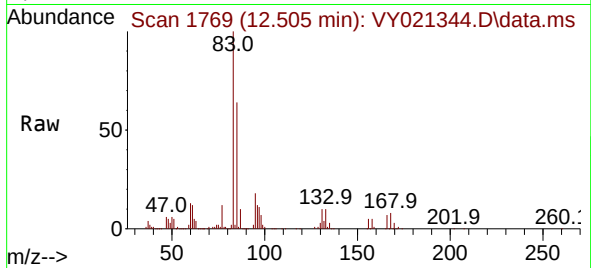




#75
1,1,2,2-Tetrachloroethane
Concen: 50.176 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

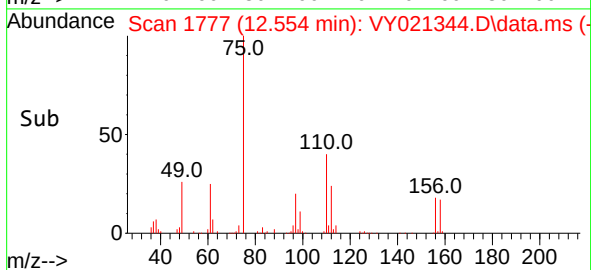
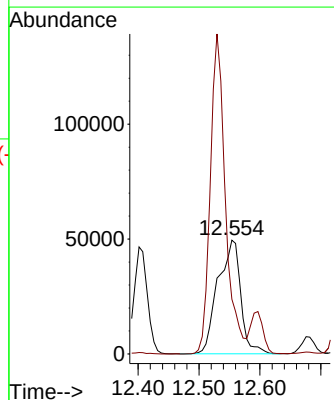
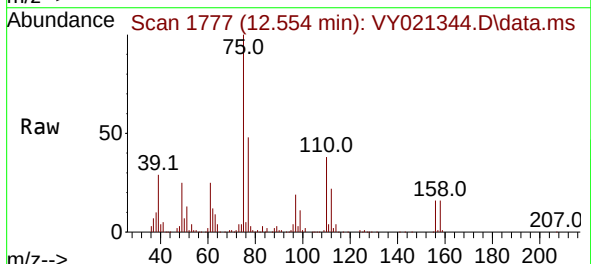
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

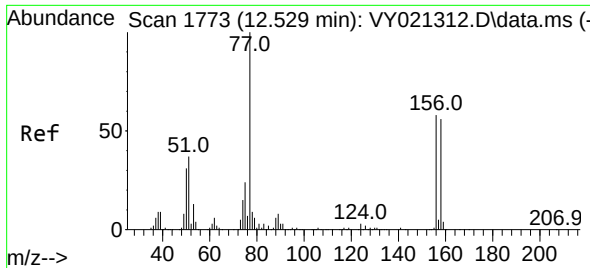
Tgt Ion: 83 Resp: 98641
Ion Ratio Lower Upper
83 100
131 10.9 5.2 15.6
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 86.792 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 128720
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

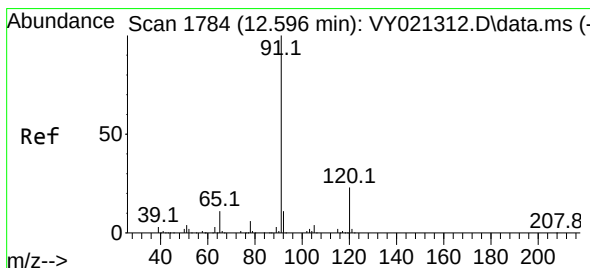
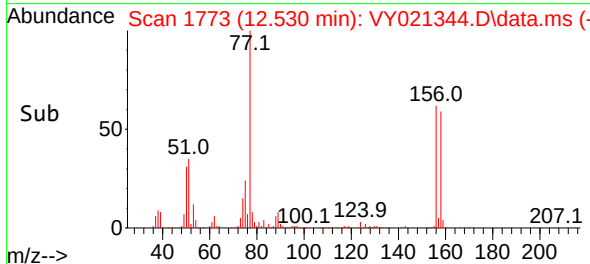
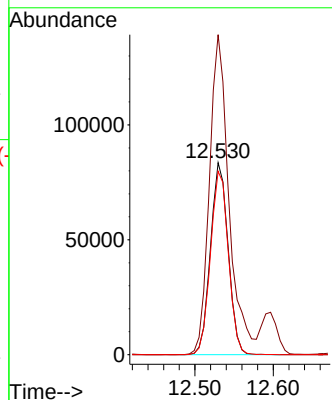
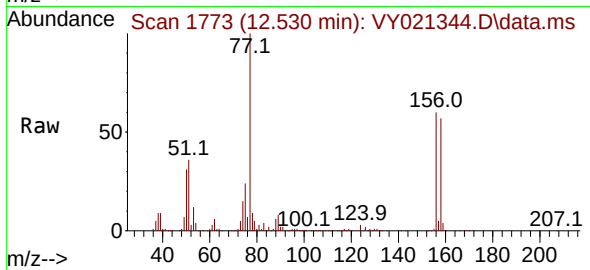




#77
Bromobenzene
Concen: 50.469 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

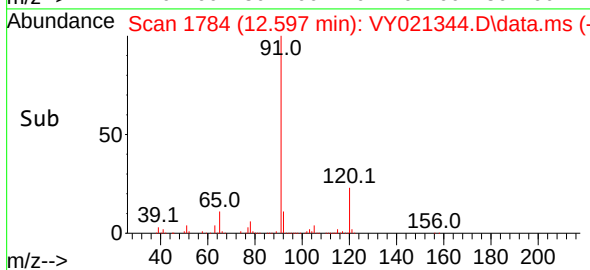
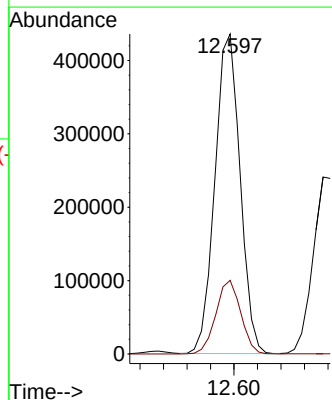
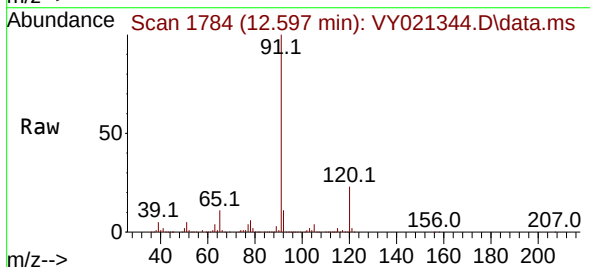
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

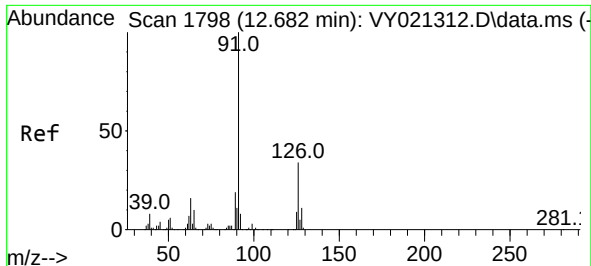
Tgt Ion:156 Resp: 130762
Ion Ratio Lower Upper
156 100
77 184.7 94.0 282.1
158 96.6 48.7 146.1



#78
n-propylbenzene
Concen: 47.897 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 647434
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5





#79

2-Chlorotoluene

Concen: 49.187 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

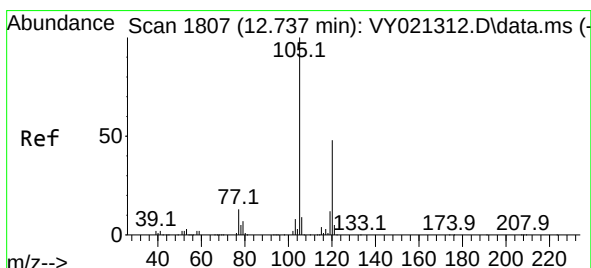
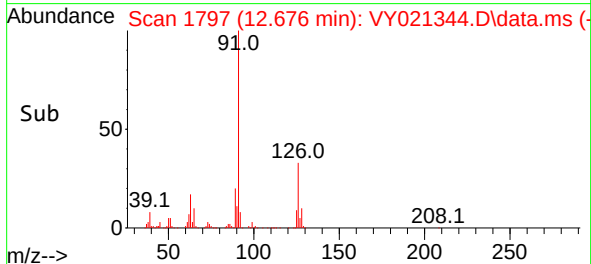
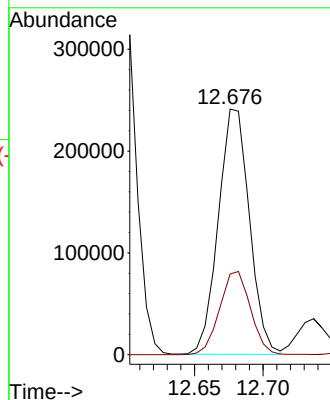
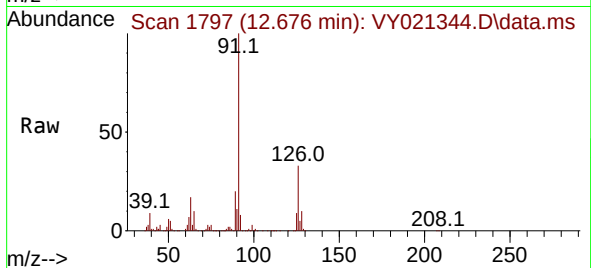
VSTDCCC050EC

Tgt Ion: 91 Resp: 381569

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.048 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021344.D

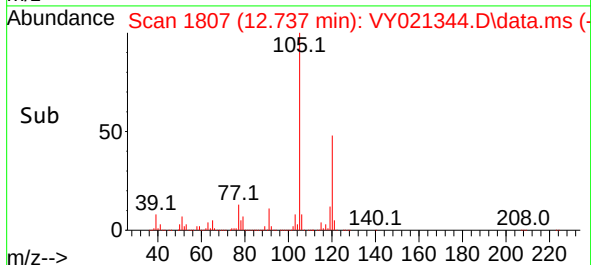
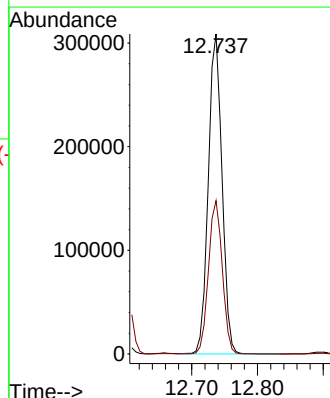
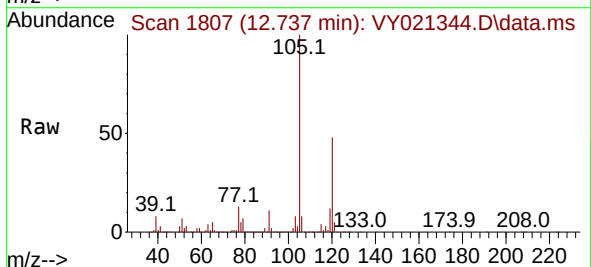
Acq: 26 Feb 2025 20:06

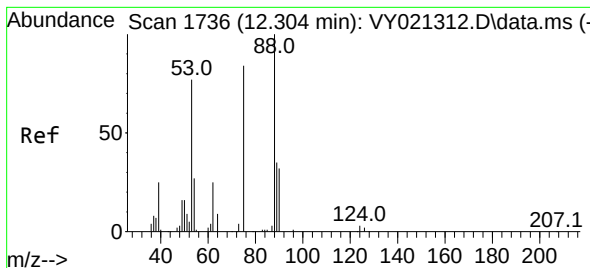
Tgt Ion:105 Resp: 448101

Ion Ratio Lower Upper

105 100

120 48.3 24.3 73.0

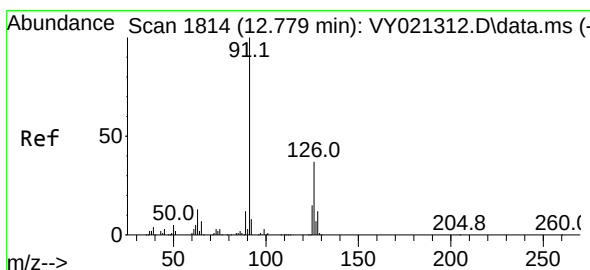
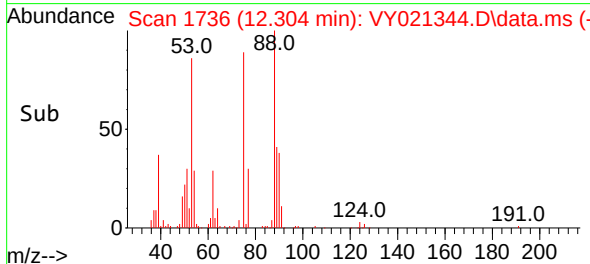
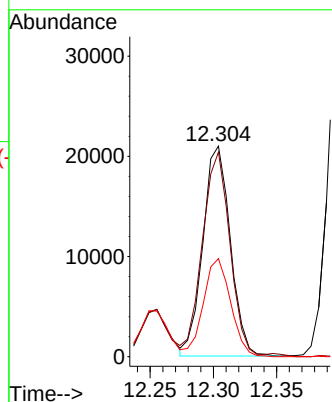
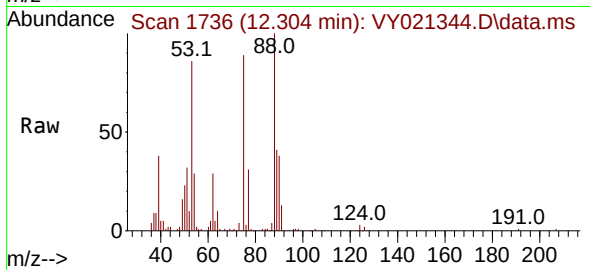




#81
trans-1,4-Dichloro-2-butene
Concen: 47.460 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

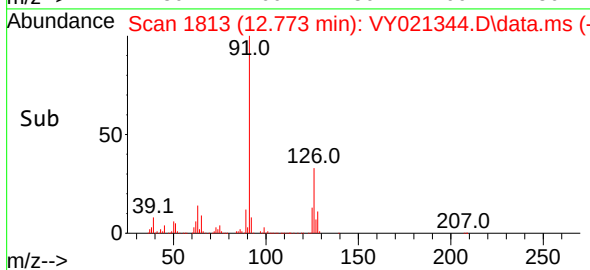
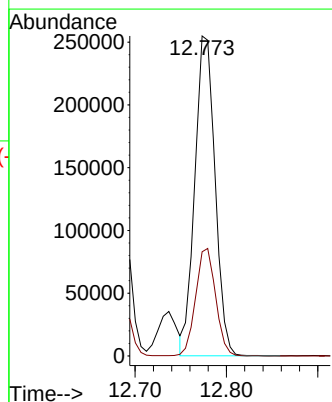
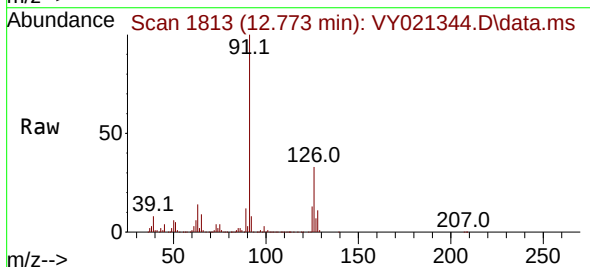
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

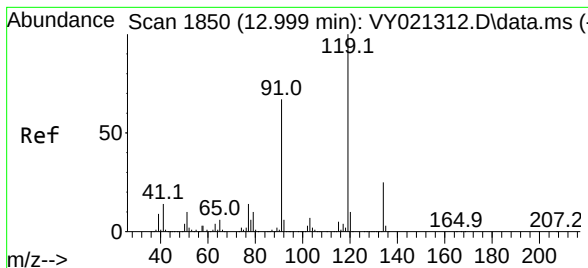
Tgt Ion: 75 Resp: 31668
Ion Ratio Lower Upper
75 100
53 95.9 79.1 118.7
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 48.755 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 91 Resp: 392065
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4

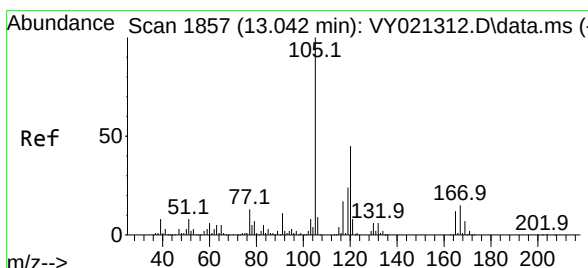
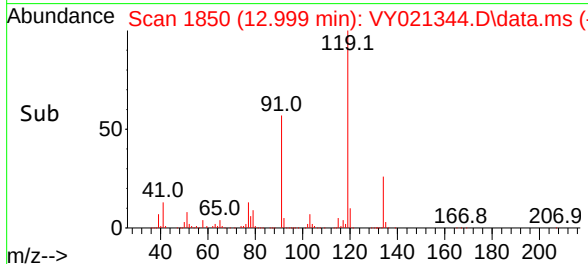
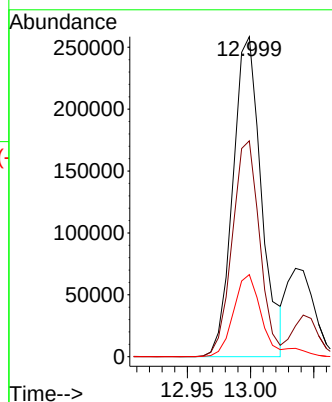
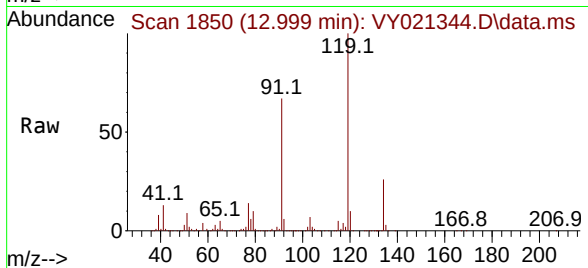




#83
 tert-Butylbenzene
 Concen: 49.124 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

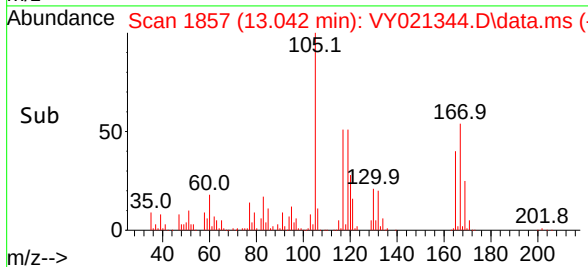
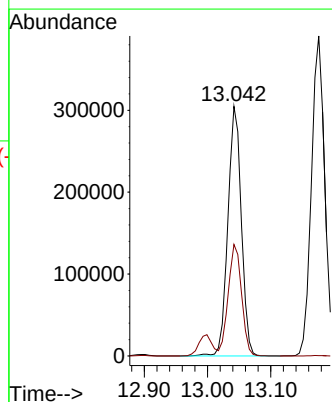
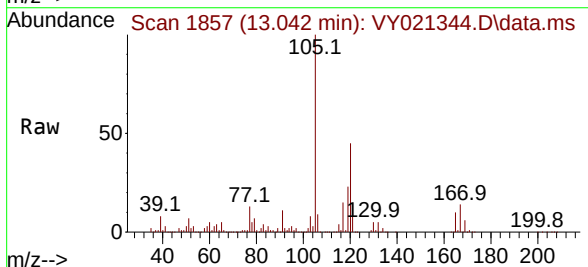
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

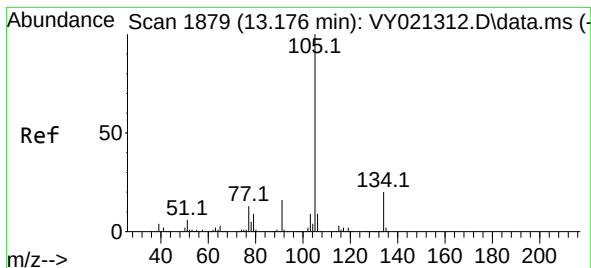
Tgt Ion:119 Resp: 405401
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.7 98.1
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.422 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021344.D
 Acq: 26 Feb 2025 20:06

Tgt Ion:105 Resp: 449054
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.848 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

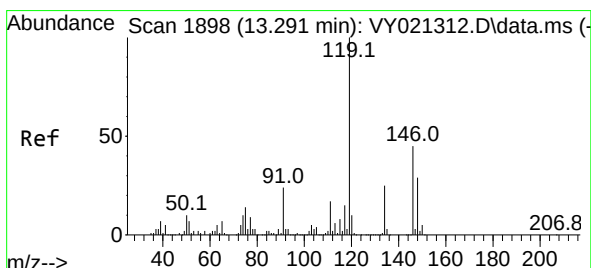
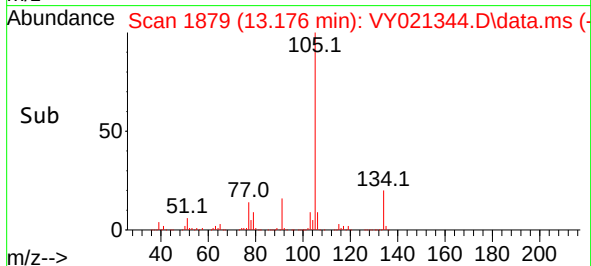
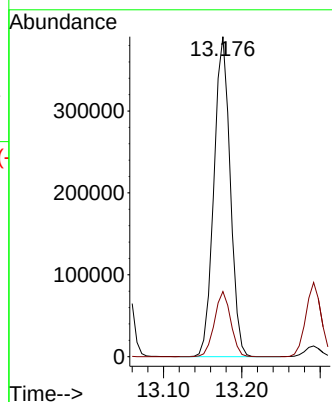
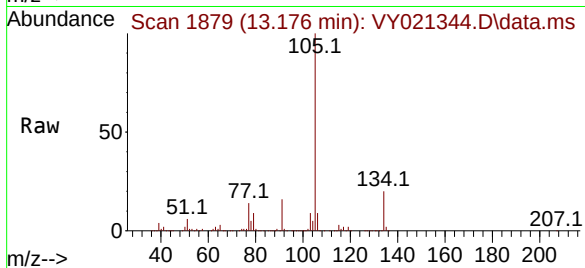
VSTDCCC050EC

Tgt Ion:105 Resp: 564734

Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0



#86

p-Isopropyltoluene

Concen: 47.399 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

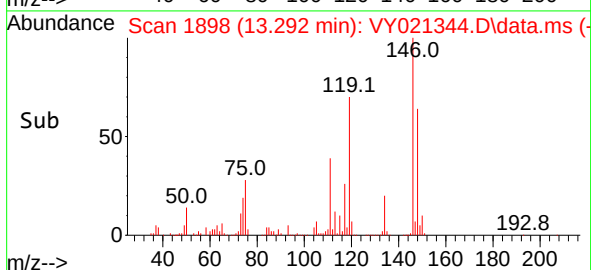
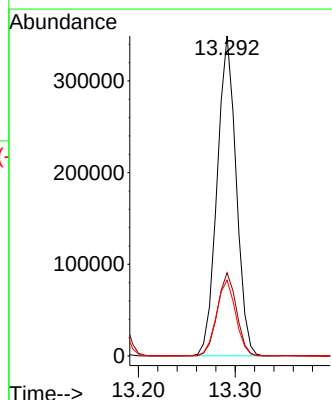
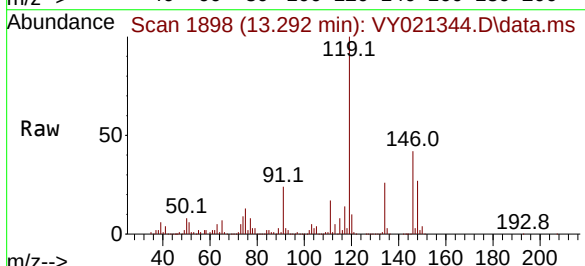
Tgt Ion:119 Resp: 477095

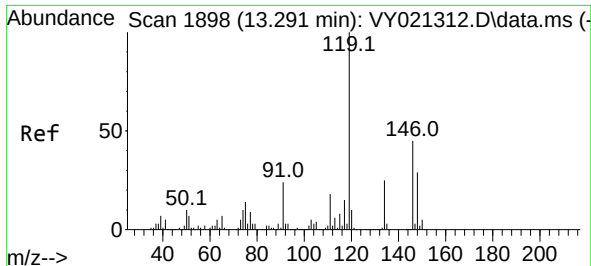
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.238 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

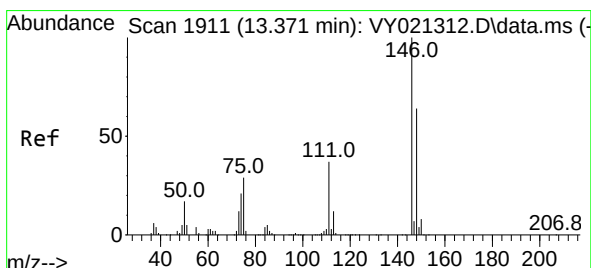
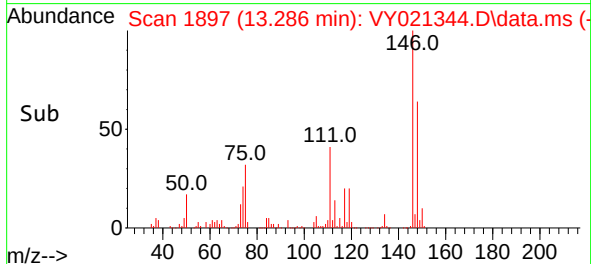
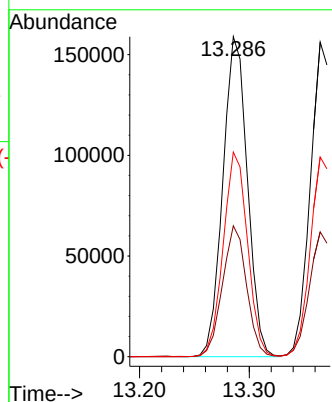
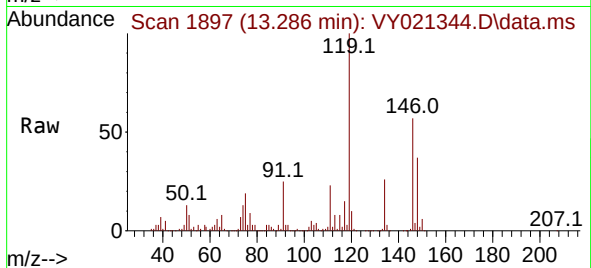
Tgt Ion:146 Resp: 247228

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.661 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

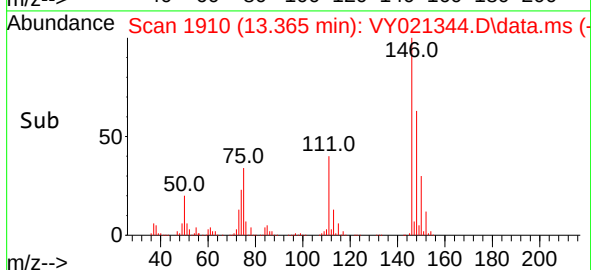
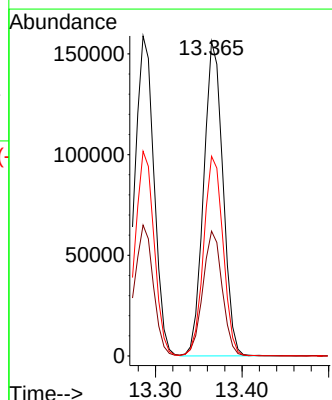
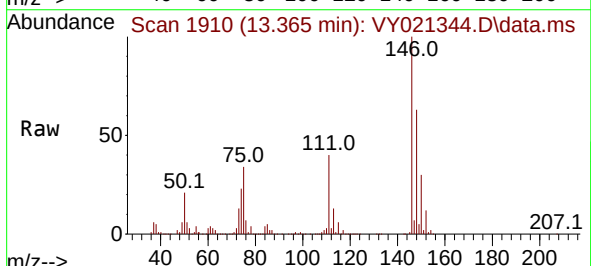
Tgt Ion:146 Resp: 241313

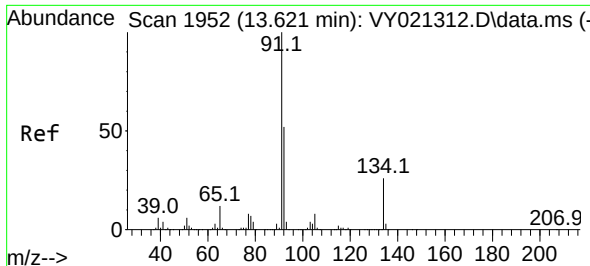
Ion Ratio Lower Upper

146 100

111 39.9 19.5 58.5

148 64.0 32.0 96.2

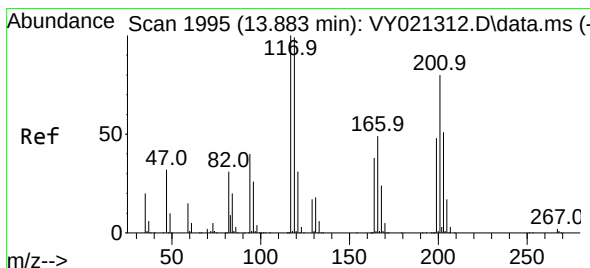
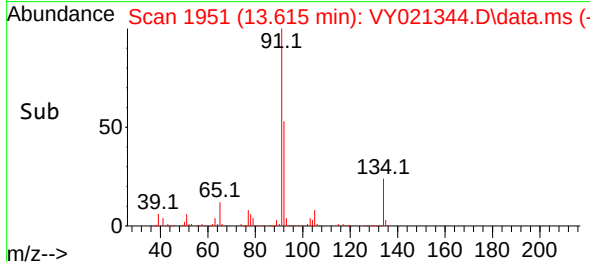
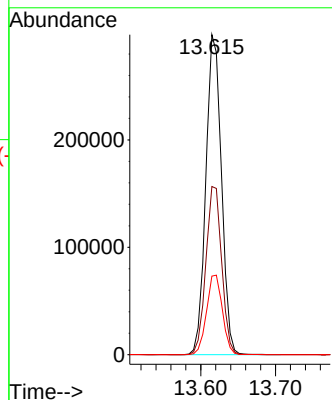
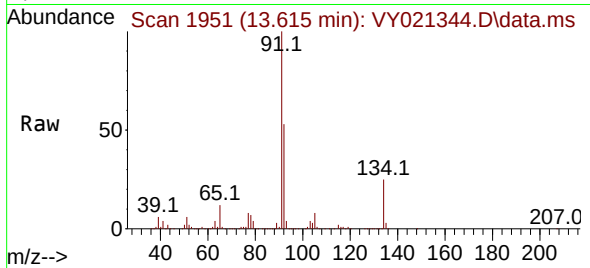




#89
n-Butylbenzene
Concen: 45.583 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

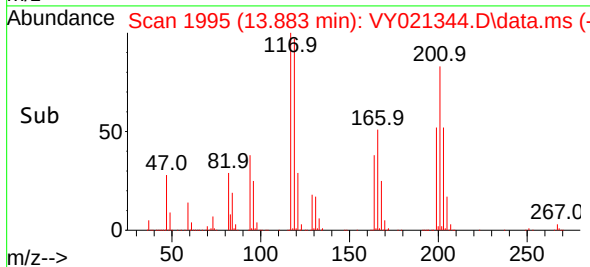
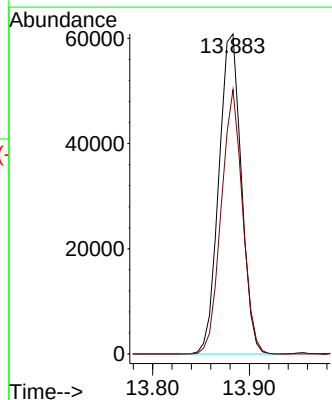
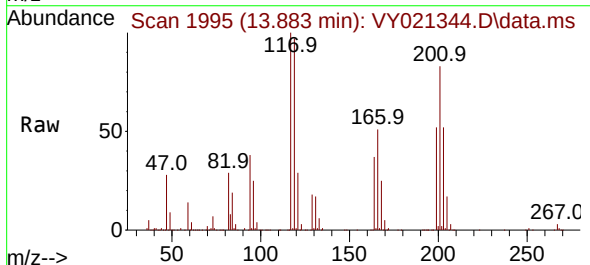
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

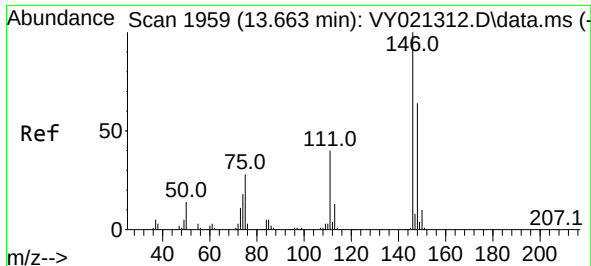
Tgt Ion: 91 Resp: 431776
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 25.3 12.7 38.0



#90
Hexachloroethane
Concen: 46.606 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 117 Resp: 97989
Ion Ratio Lower Upper
117 100
201 78.2 38.4 115.2

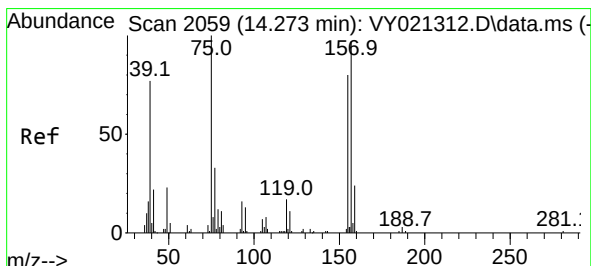
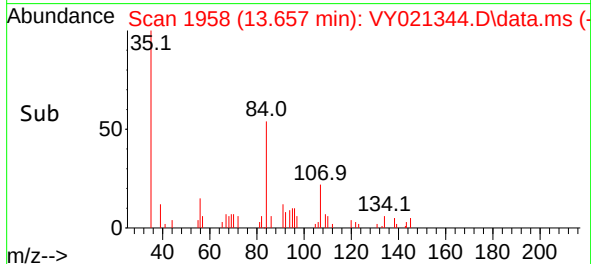
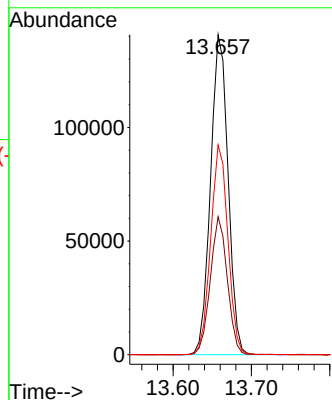
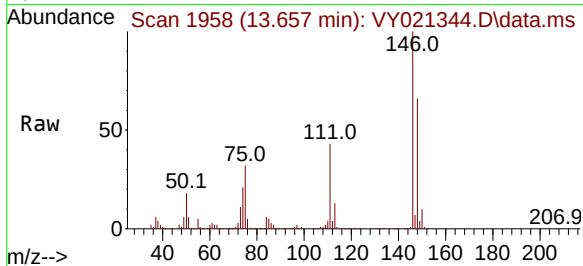




#91
1,2-Dichlorobenzene
Concen: 48.659 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

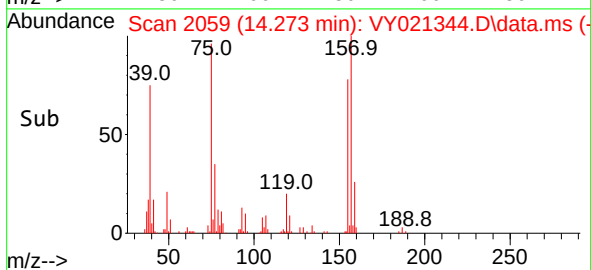
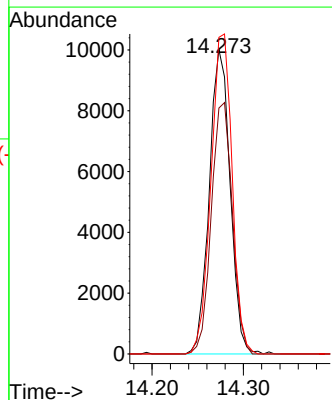
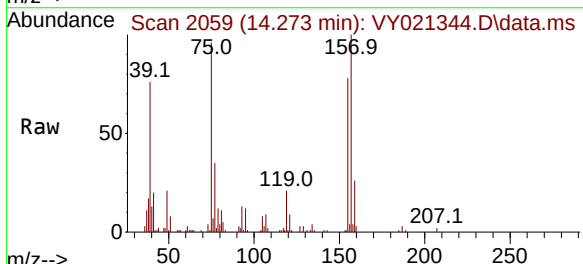
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

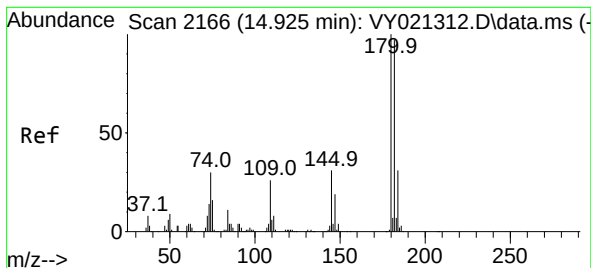
Tgt Ion:146 Resp: 218493
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.037 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021344.D
Acq: 26 Feb 2025 20:06

Tgt Ion: 75 Resp: 15872
Ion Ratio Lower Upper
75 100
155 83.3 41.9 125.6
157 106.6 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 46.535 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

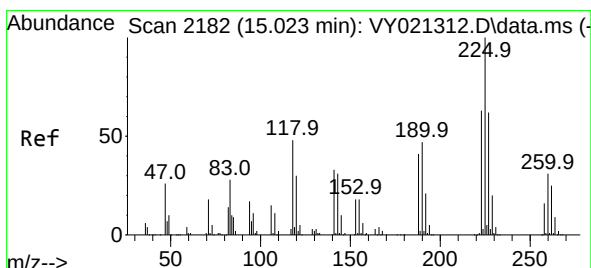
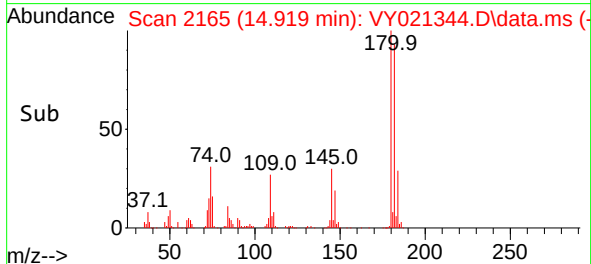
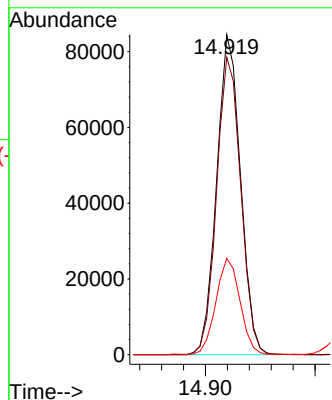
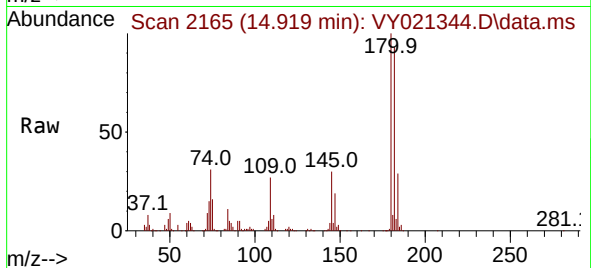
Tgt Ion:180 Resp: 127534

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 43.221 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

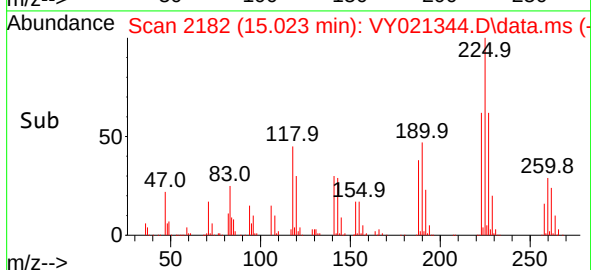
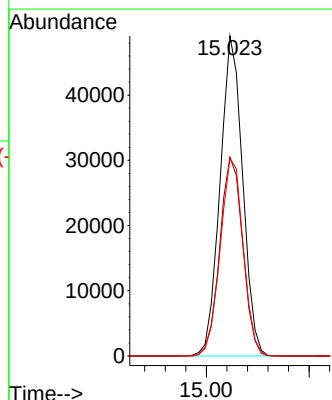
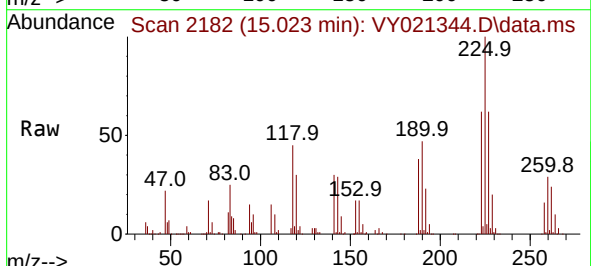
Tgt Ion:225 Resp: 74574

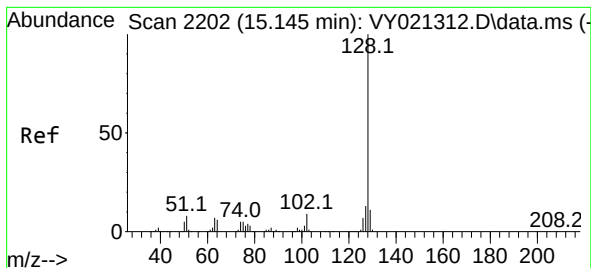
Ion Ratio Lower Upper

225 100

223 63.2 31.8 95.4

227 63.0 31.9 95.7





#95

Naphthalene

Concen: 50.863 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

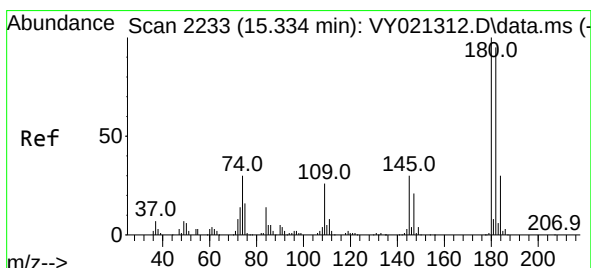
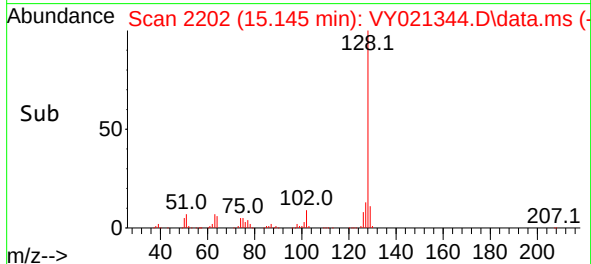
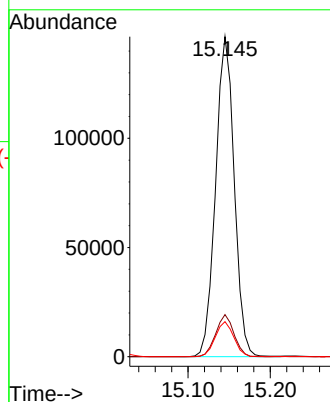
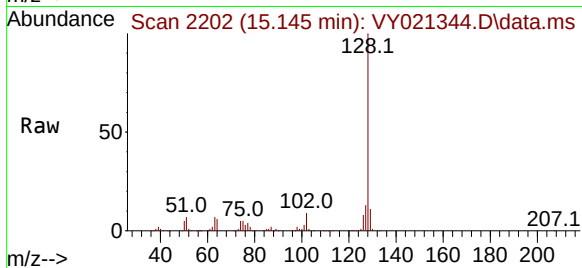
Tgt Ion:128 Resp: 230889

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 47.484 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021344.D

Acq: 26 Feb 2025 20:06

Tgt Ion:180 Resp: 109952

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.9

145 31.9 16.1 48.3

