

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021320.D
 Acq On : 26 Feb 2025 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 27 00:33:59 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	7.713	168	193888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	268805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105547	47.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.980%
35) Dibromofluoromethane	7.634	113	98654	48.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.109	98	387966	49.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.408	95	129754	49.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85738	46.640	ug/l	96
3) Chloromethane	2.068	50	112705	47.473	ug/l	98
4) Vinyl Chloride	2.202	62	113710	48.798	ug/l	98
5) Bromomethane	2.598	94	71789	46.361	ug/l	99
6) Chloroethane	2.739	64	70476	48.772	ug/l	99
7) Trichlorofluoromethane	3.062	101	167868	47.701	ug/l	96
8) Diethyl Ether	3.452	74	52323	49.537	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	96104	47.169	ug/l	99
10) Methyl Iodide	4.007	142	111918	52.212	ug/l	99
11) Tert butyl alcohol	4.854	59	34212	202.221	ug/l	98
12) 1,1-Dichloroethene	3.793	96	94447	48.413	ug/l	99
13) Acrolein	3.653	56	5526	42.624	ug/l	99
14) Allyl chloride	4.385	41	173778	50.242	ug/l	98
15) Acrylonitrile	5.061	53	112963	241.892	ug/l	99
16) Acetone	3.867	43	109810	260.267	ug/l	100
17) Carbon Disulfide	4.110	76	315561	48.712	ug/l	100
18) Methyl Acetate	4.385	43	49846	48.342	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	253623	49.206	ug/l	99
20) Methylene Chloride	4.616	84	103268	45.263	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	104607	48.708	ug/l	99
22) Diisopropyl ether	6.019	45	361038	50.442	ug/l	98
23) Vinyl Acetate	5.958	43	1065848	249.197	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197949	49.069	ug/l	98
25) 2-Butanone	6.890	43	157281	246.999	ug/l	98
26) 2,2-Dichloropropane	6.890	77	180065	49.191	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	122751	50.053	ug/l	99
28) Bromochloromethane	7.244	49	84337	47.247	ug/l	98
29) Tetrahydrofuran	7.262	42	99242	238.435	ug/l	100
30) Chloroform	7.421	83	201334	49.253	ug/l	99
31) Cyclohexane	7.701	56	178746	46.094	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	181553	48.795	ug/l	98
36) 1,1-Dichloropropene	7.835	75	146702	48.254	ug/l	100
37) Ethyl Acetate	6.982	43	72710	48.080	ug/l	100
38) Carbon Tetrachloride	7.817	117	165430	48.402	ug/l	98
39) Methylcyclohexane	9.109	83	178508	46.422	ug/l	97
40) Benzene	8.079	78	436709	48.593	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36160	42.766	ug/l	91
42) 1,2-Dichloroethane	8.158	62	122335	47.978	ug/l	99
43) Isopropyl Acetate	8.195	43	140455	47.984	ug/l	99
44) Trichloroethene	8.866	130	109499	48.665	ug/l	100
45) 1,2-Dichloropropane	9.140	63	105190	48.637	ug/l	100
46) Dibromomethane	9.231	93	56977	48.195	ug/l	99
47) Bromodichloromethane	9.427	83	152416	48.352	ug/l	99
48) Methyl methacrylate	9.219	41	66362	48.481	ug/l	98
49) 1,4-Dioxane	9.231	88	12417	944.605	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	360891	240.853	ug/l	100
52) Toluene	10.170	92	275527	49.351	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	144366	49.988	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	167718	49.192	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72899	47.334	ug/l	98
56) Ethyl methacrylate	10.439	69	108485	50.979	ug/l	100
57) 1,3-Dichloropropane	10.719	76	132919	49.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	239640	234.614	ug/l	100
59) 2-Hexanone	10.762	43	245501	249.476	ug/l	99
60) Dibromochloromethane	10.908	129	102499	48.867	ug/l	100
61) 1,2-Dibromoethane	11.018	107	69304	47.532	ug/l	98
64) Tetrachloroethene	10.646	164	96416	47.455	ug/l	98
65) Chlorobenzene	11.444	112	293397	48.625	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	104152	49.295	ug/l	100
67) Ethyl Benzene	11.518	91	530215	49.609	ug/l	99
68) m/p-Xylenes	11.627	106	395166	98.298	ug/l	99
69) o-Xylene	11.957	106	187084	49.676	ug/l	98
70) Styrene	11.969	104	316002	50.431	ug/l	100
71) Bromoform	12.133	173	58316	48.247	ug/l #	99
73) Isopropylbenzene	12.255	105	493694	49.774	ug/l	99
74) N-amyl acetate	12.072	43	128988	51.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84288	48.150	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	113156	85.685	ug/l #	100
77) Bromobenzene	12.536	156	114266	49.529	ug/l	99
78) n-propylbenzene	12.597	91	595911	49.510	ug/l	100
79) 2-Chlorotoluene	12.682	91	339722	49.181	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	403527	49.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29544	49.724	ug/l	99
82) 4-Chlorotoluene	12.780	91	353786	49.408	ug/l	99
83) tert-Butylbenzene	12.999	119	358344	48.765	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	403288	49.846	ug/l	100
85) sec-Butylbenzene	13.176	105	515970	48.069	ug/l	100
86) p-Isopropyltoluene	13.292	119	435539	48.594	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	221110	48.450	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	215487	47.797	ug/l	100
89) n-Butylbenzene	13.621	91	408995	48.491	ug/l	100
90) Hexachloroethane	13.883	117	88564	47.306	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	193750	48.457	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13100	47.306	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	116572	47.769	ug/l	99
94) Hexachlorobutadiene	15.029	225	70063	45.603	ug/l	99
95) Naphthalene	15.145	128	205892	50.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	98515	47.779	ug/l	99

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ClientSampleId :
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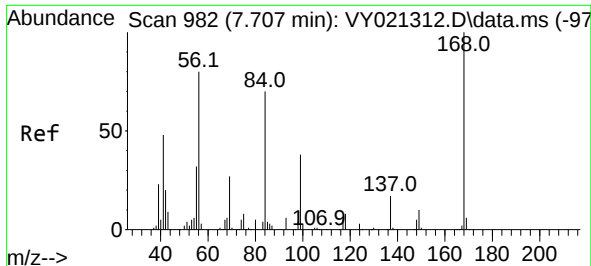
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QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

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

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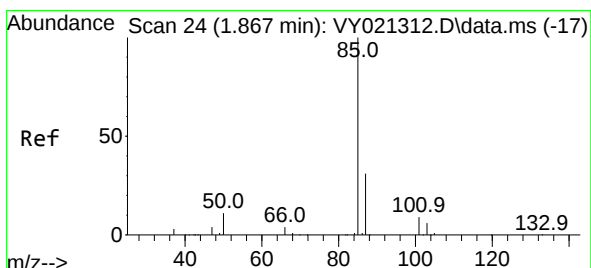
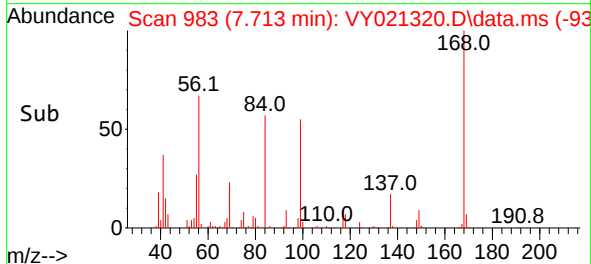
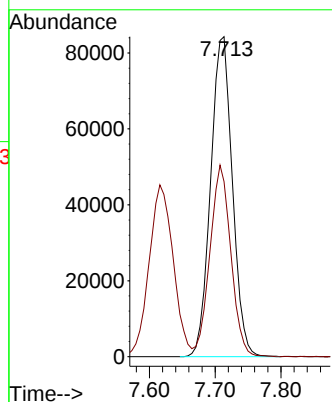
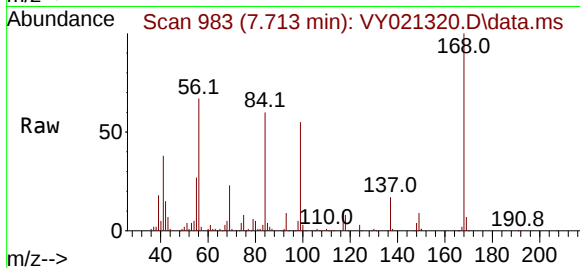




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021320.D
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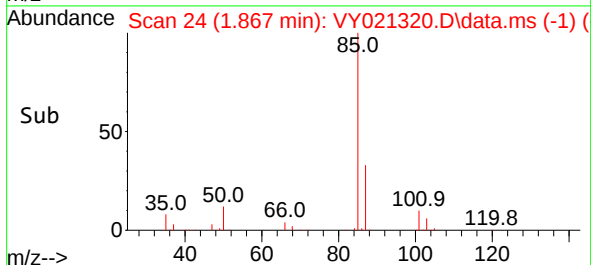
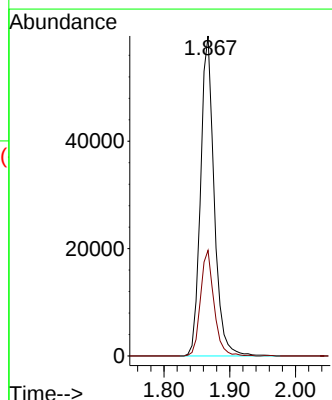
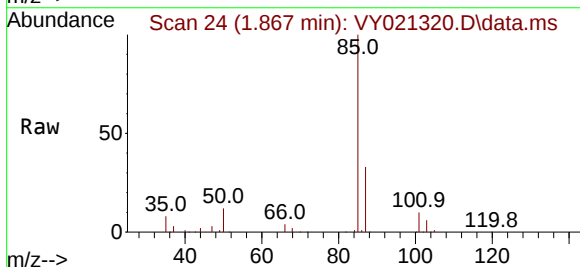
Instrument :
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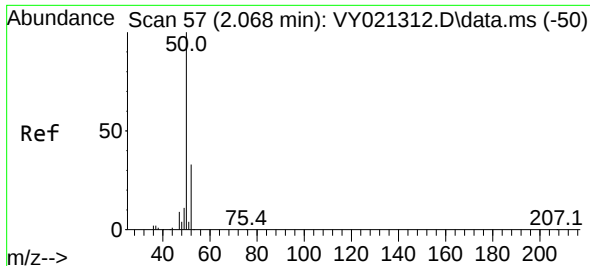
Tgt Ion:168 Resp: 193888
Ion Ratio Lower Upper
168 100
99 54.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 46.640 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 85 Resp: 85738
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.4

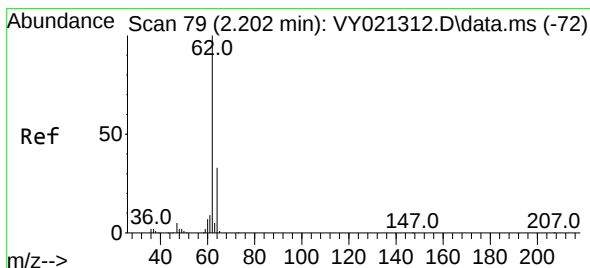
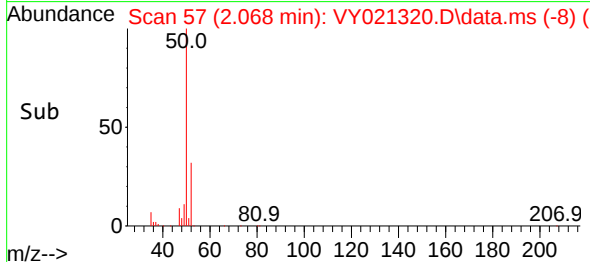
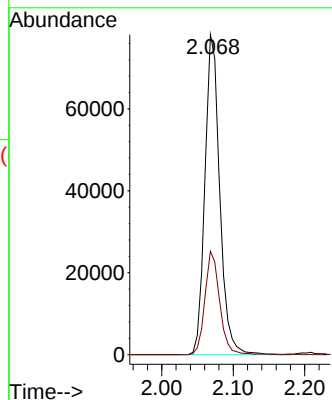
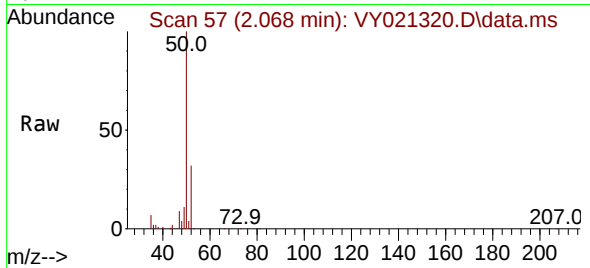




#3
Chloromethane
Concen: 47.473 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

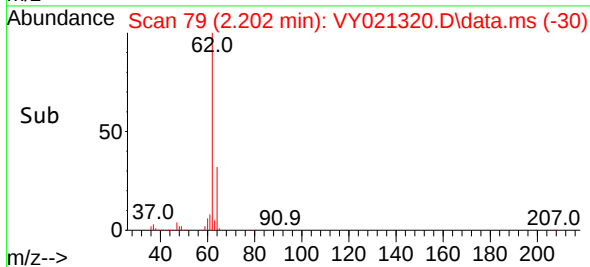
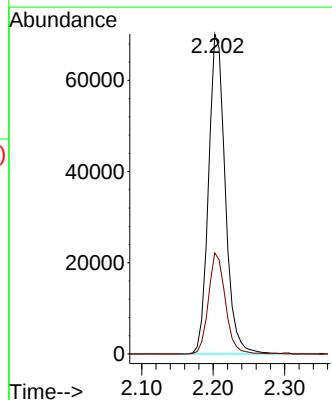
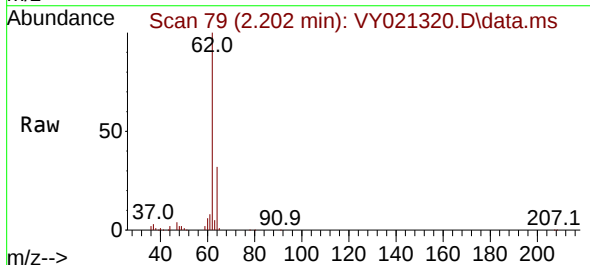
Instrument :
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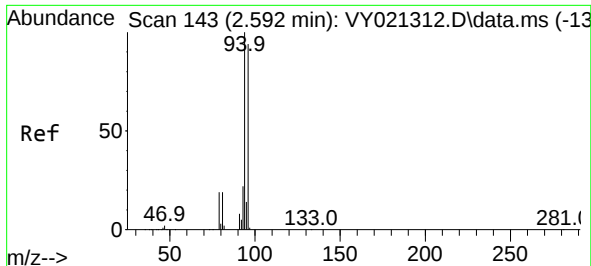
Tgt Ion: 50 Resp: 112705
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 48.798 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 62 Resp: 113710
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5

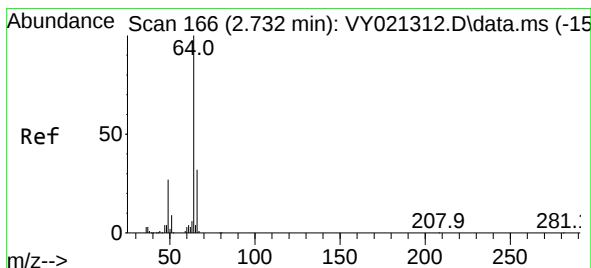
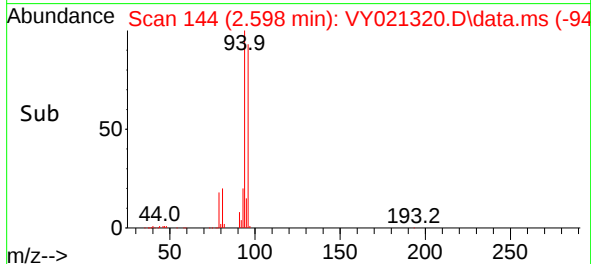
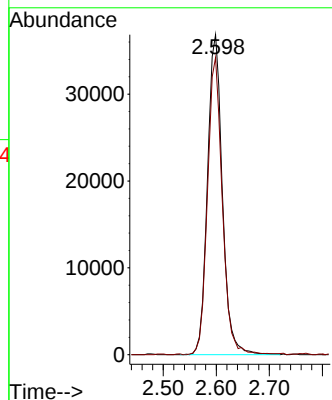
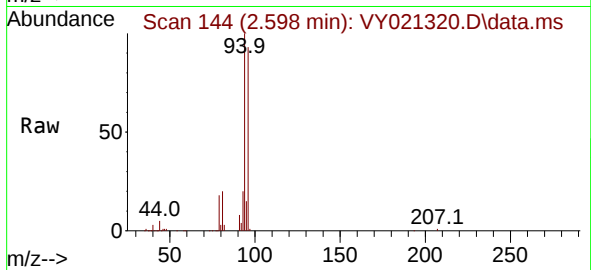




#5
Bromomethane
Concen: 46.361 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

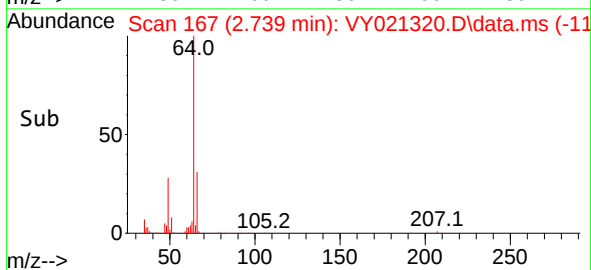
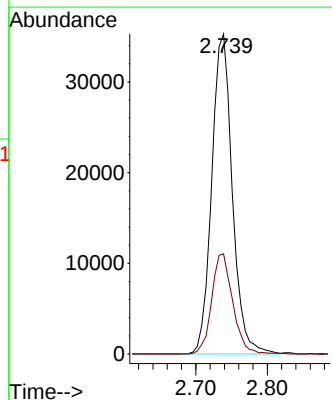
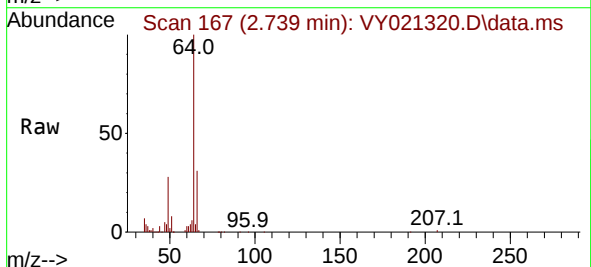
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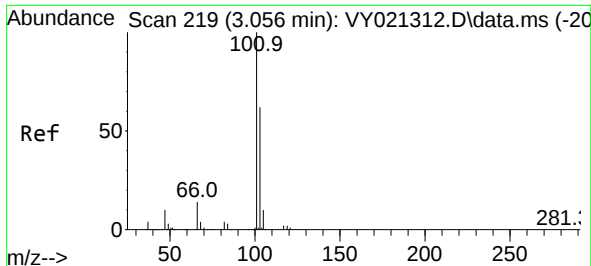
Tgt Ion: 94 Resp: 71789
Ion Ratio Lower Upper
94 100
96 92.6 75.2 112.8



#6
Chloroethane
Concen: 48.772 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 64 Resp: 70476
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0

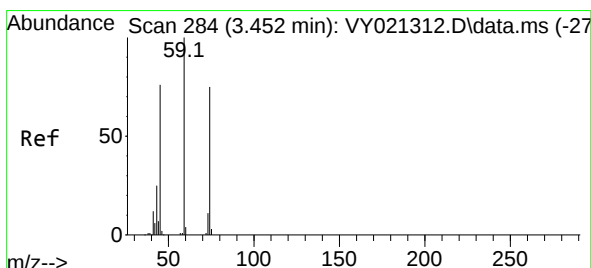
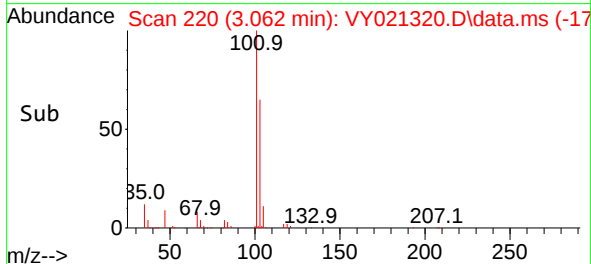
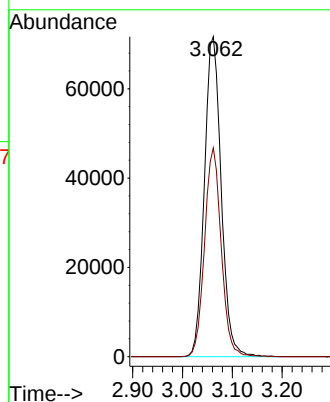
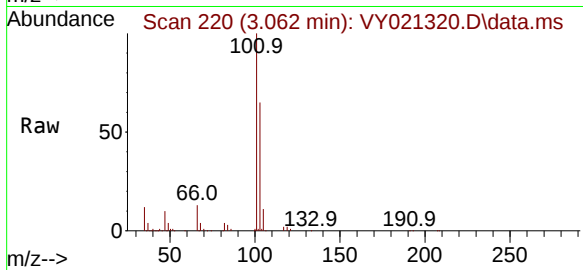




#7
Trichlorofluoromethane
Concen: 47.701 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

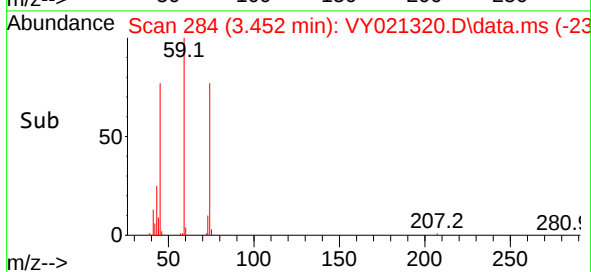
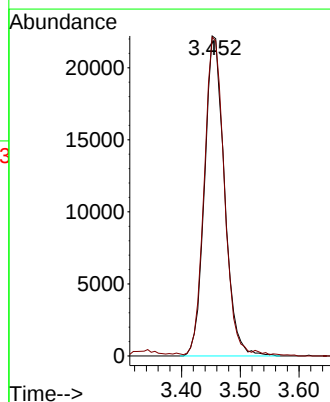
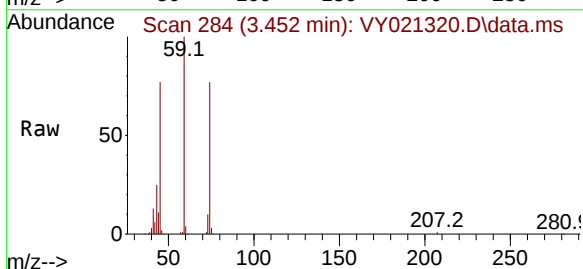
Instrument :
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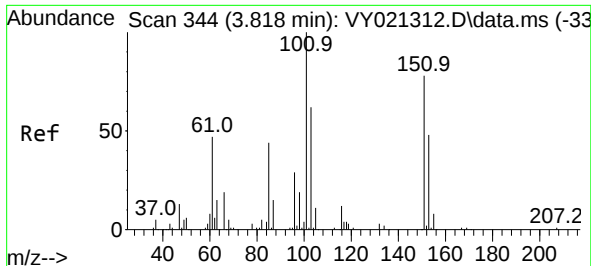
Tgt Ion:101 Resp: 167868
Ion Ratio Lower Upper
101 100
103 65.3 49.7 74.5



#8
Diethyl Ether
Concen: 49.537 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 74 Resp: 52323
Ion Ratio Lower Upper
74 100
45 99.2 50.3 150.9

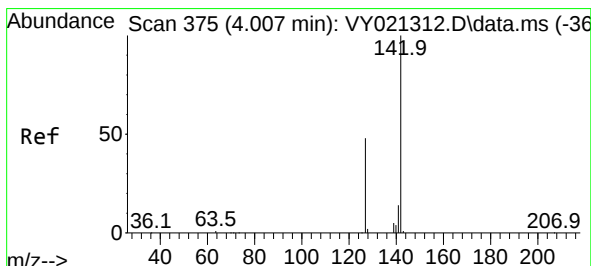
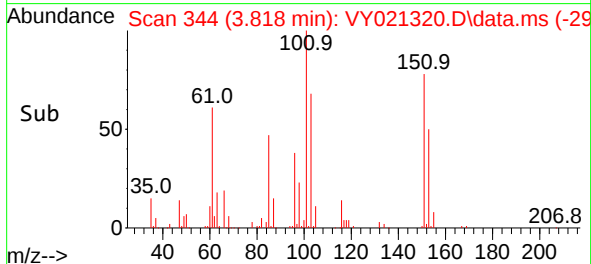
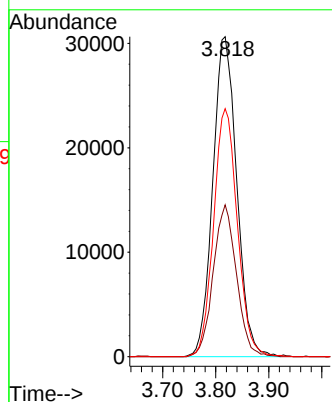
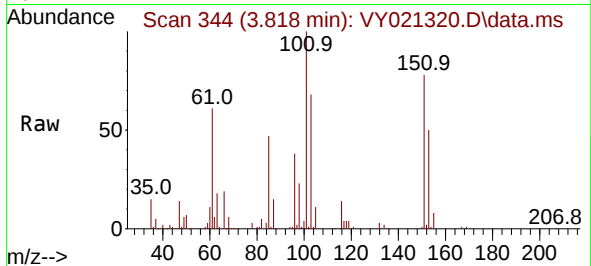




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.169 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
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Acq: 26 Feb 2025 10:11

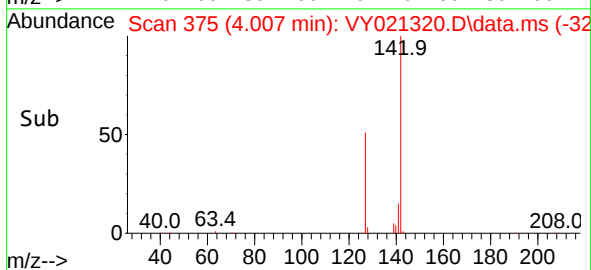
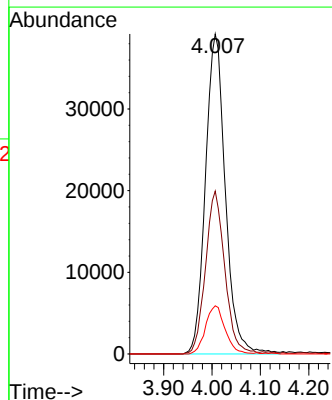
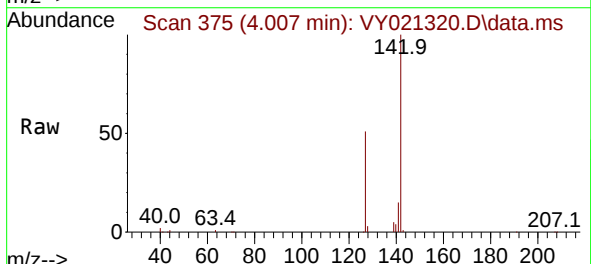
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

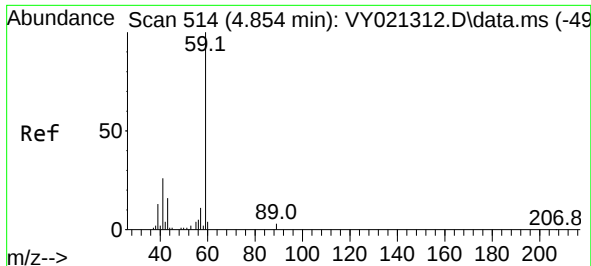
Tgt Ion:101 Resp: 96104
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 77.0 62.6 94.0



#10
Methyl Iodide
Concen: 52.212 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:142 Resp: 111918
Ion Ratio Lower Upper
142 100
127 49.4 39.2 58.8
141 14.8 11.4 17.2

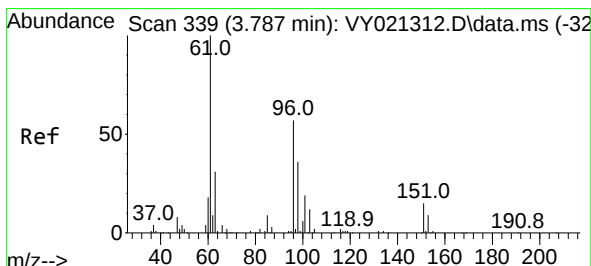
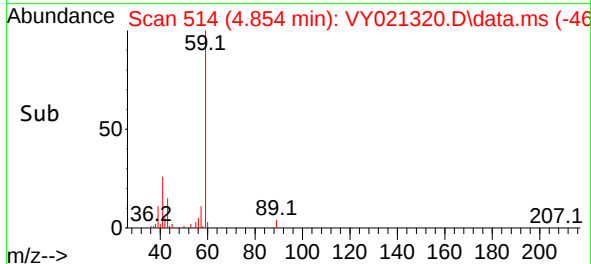
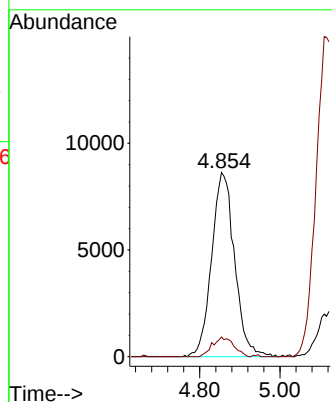
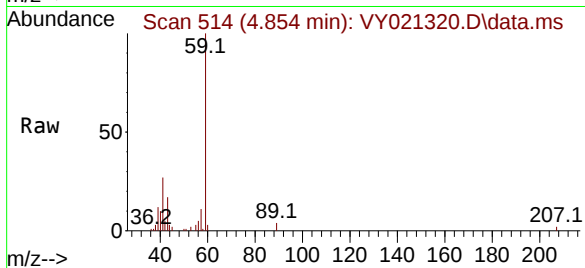




#11
Tert butyl alcohol
Concen: 202.221 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

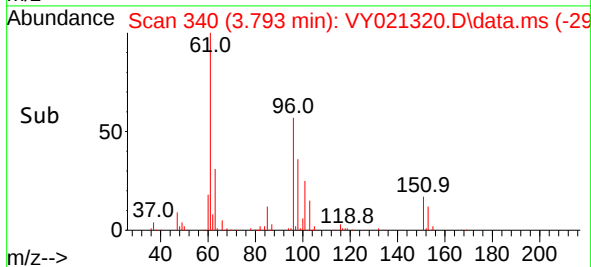
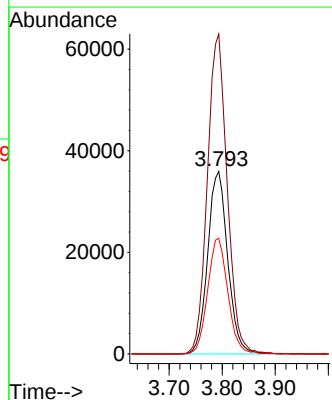
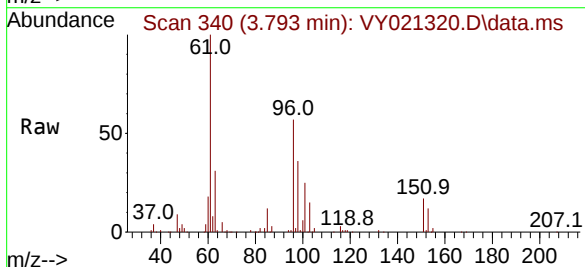
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

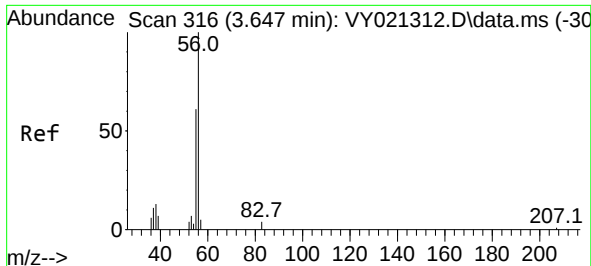
Tgt Ion: 59 Resp: 34212
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.413 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 96 Resp: 94447
Ion Ratio Lower Upper
96 100
61 175.2 139.7 209.5
98 63.3 49.7 74.5

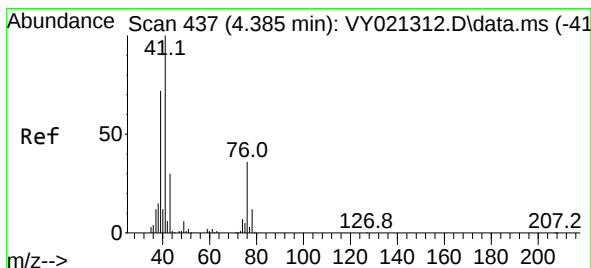
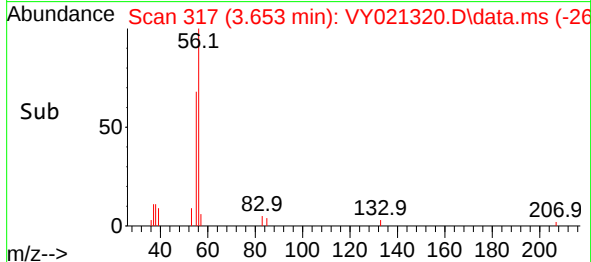
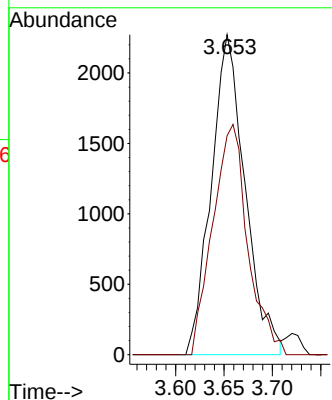
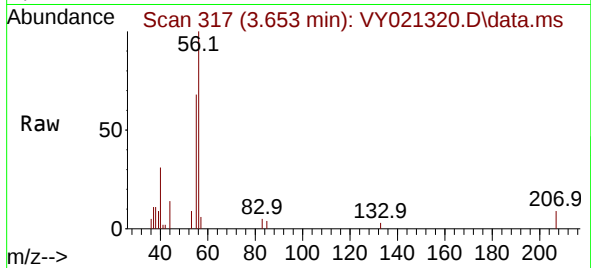




#13
Acrolein
Concen: 42.624 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

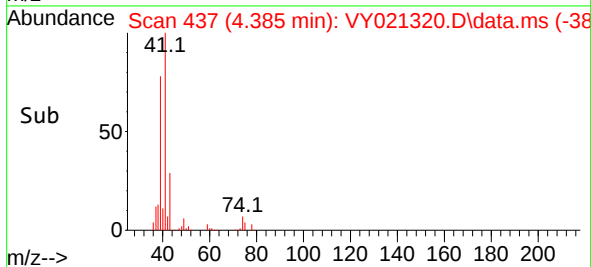
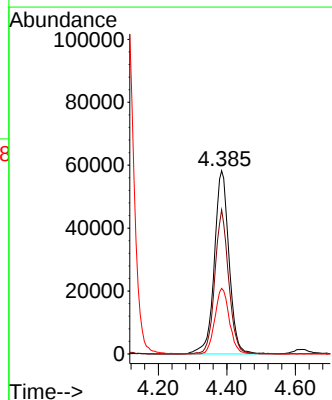
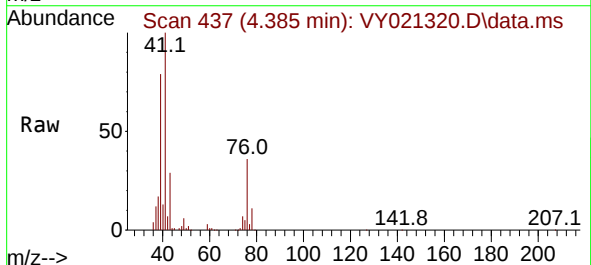
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

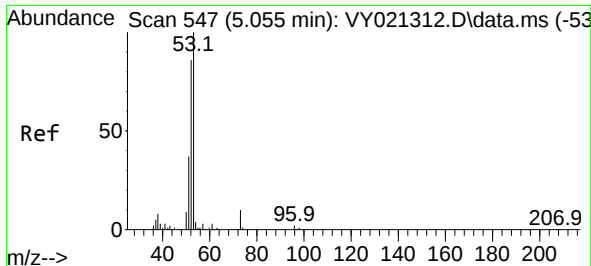
Tgt Ion: 56 Resp: 5526
Ion Ratio Lower Upper
56 100
55 74.4 59.0 88.6



#14
Allyl chloride
Concen: 50.242 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 173778
Ion Ratio Lower Upper
41 100
39 73.8 60.0 90.0
76 35.2 29.0 43.6

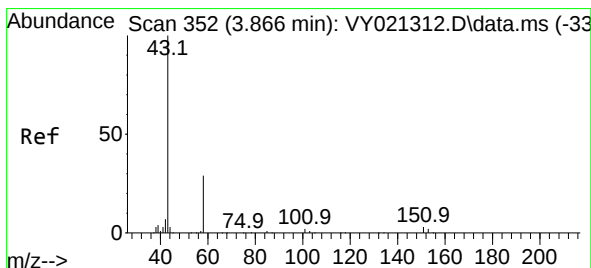
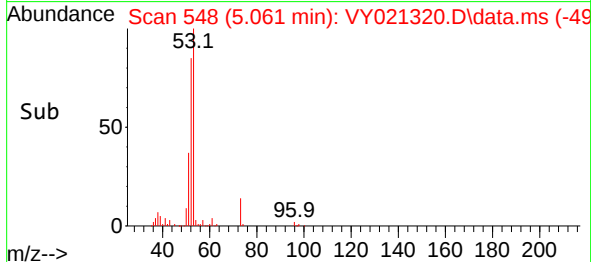
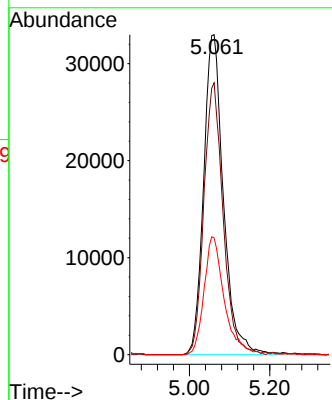
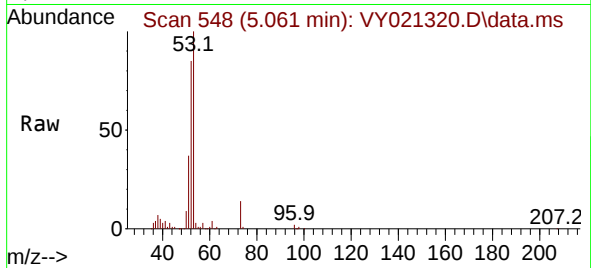




#15
Acrylonitrile
Concen: 241.892 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

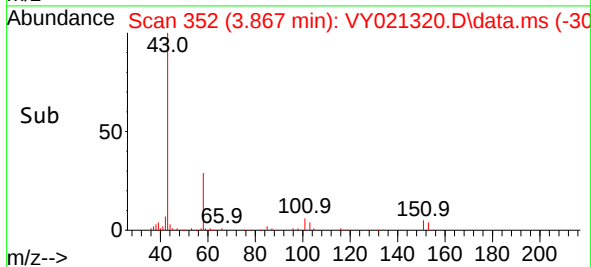
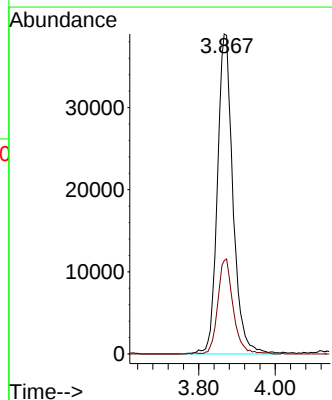
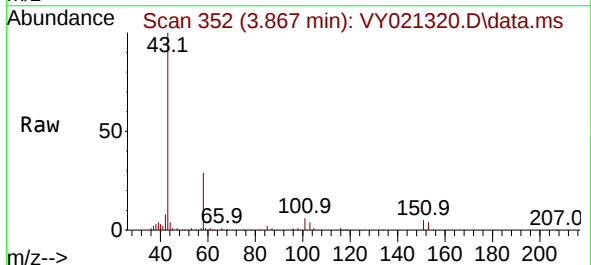
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

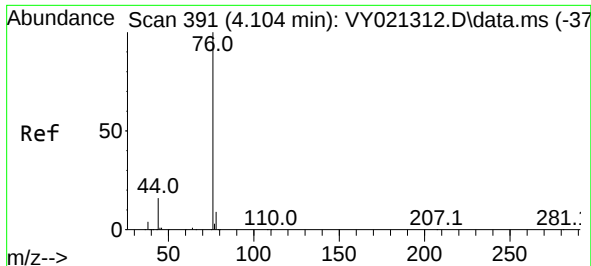
Tgt Ion: 53 Resp: 112963
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 37.7 30.6 46.0



#16
Acetone
Concen: 260.267 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 109810
Ion Ratio Lower Upper
43 100
58 29.2 23.5 35.3

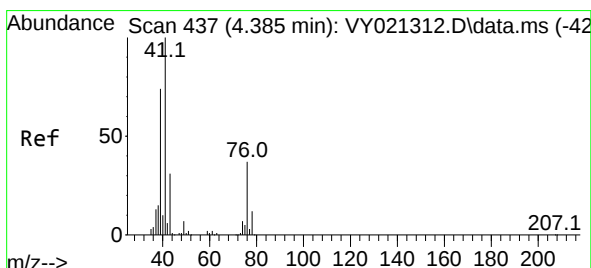
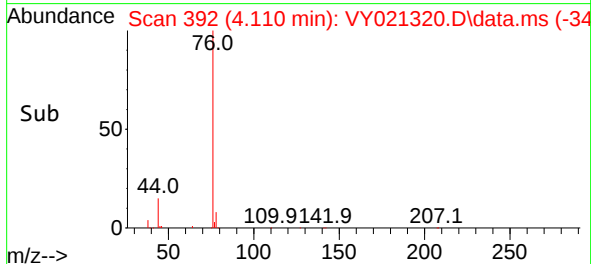
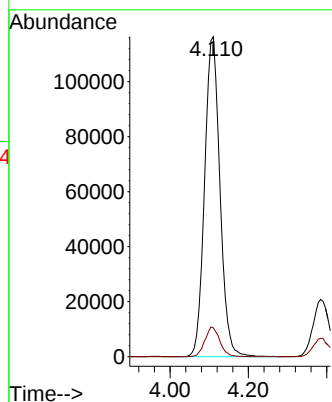
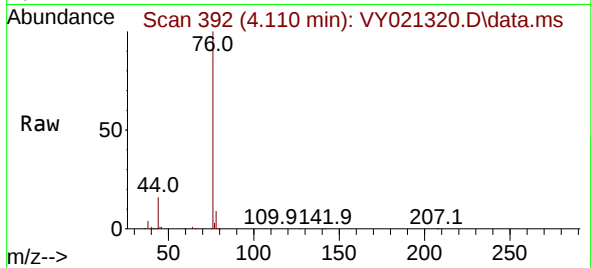




#17
Carbon Disulfide
Concen: 48.712 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

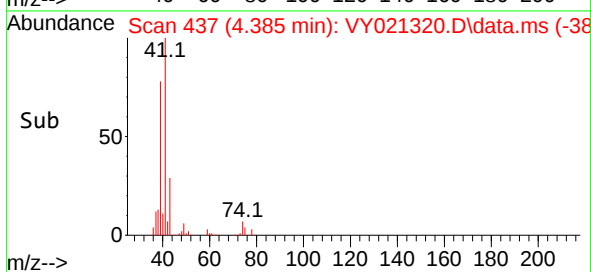
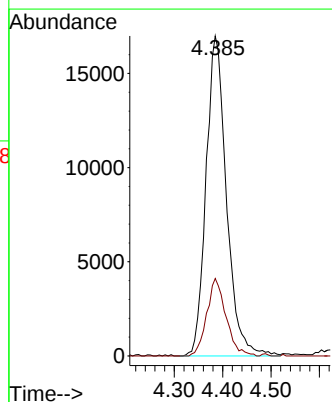
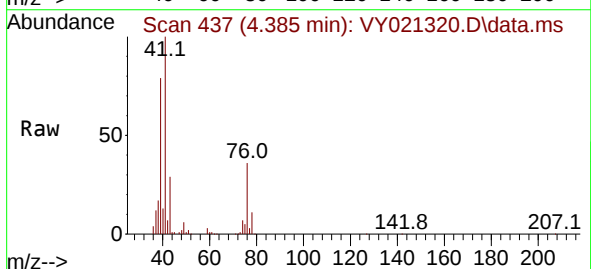
Instrument :
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ClientSampleId :
VSTDCCC050

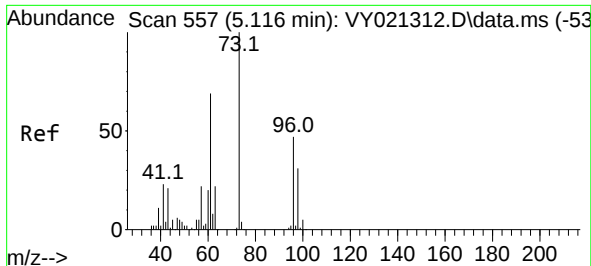
Tgt Ion: 76 Resp: 315561
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 48.342 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 49846
Ion Ratio Lower Upper
43 100
74 22.8 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 49.206 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

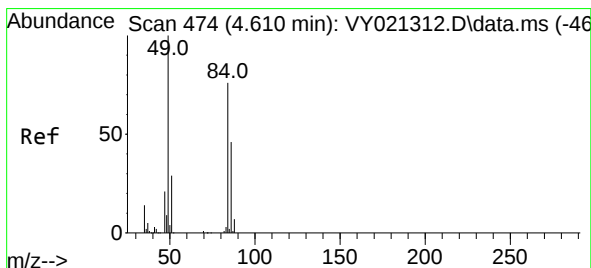
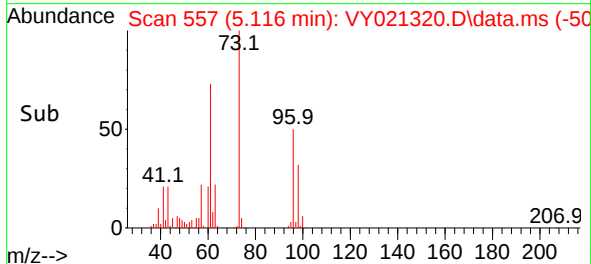
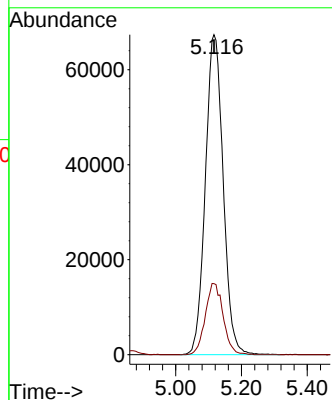
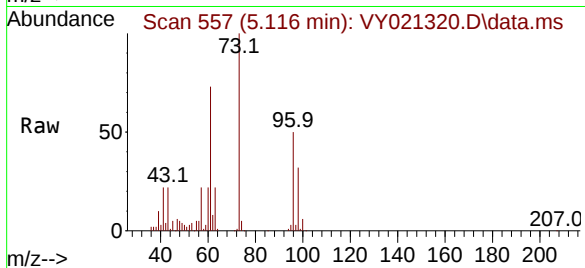
VSTDCCC050

Tgt Ion: 73 Resp: 253623

Ion Ratio Lower Upper

73 100

57 22.2 17.4 26.0



#20

Methylene Chloride

Concen: 45.263 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Tgt Ion: 84 Resp: 103268

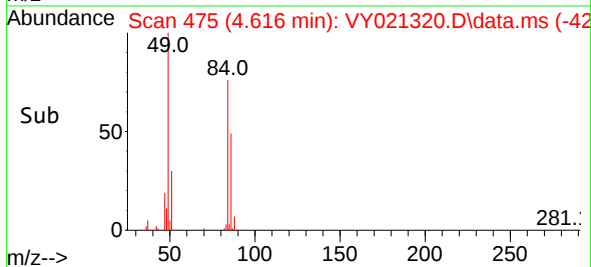
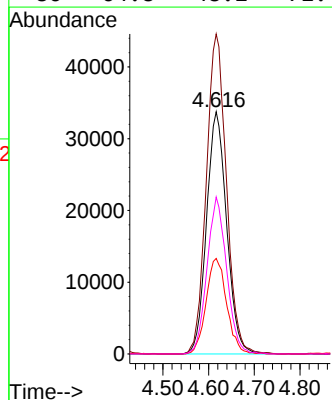
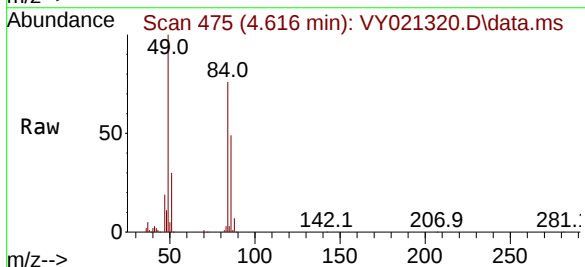
Ion Ratio Lower Upper

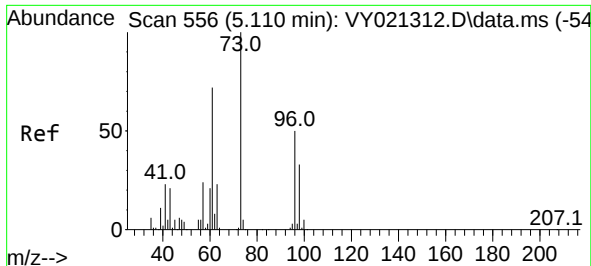
84 100

49 132.1 105.1 157.7

51 39.5 31.0 46.4

86 64.8 48.2 72.4

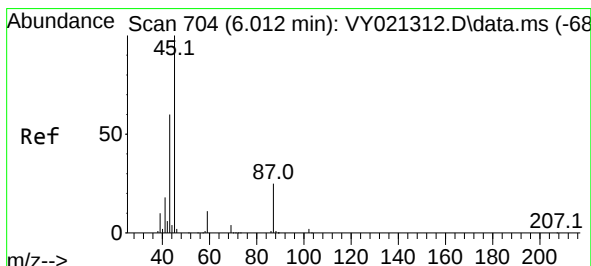
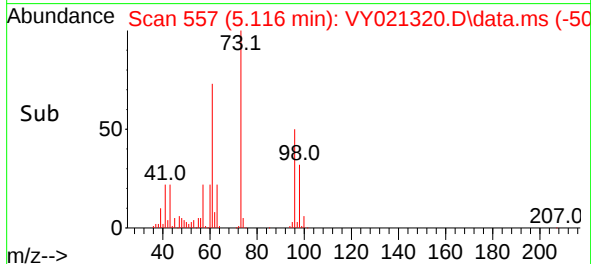
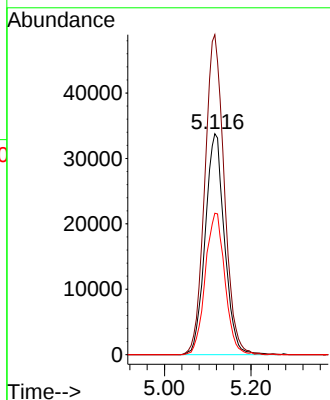
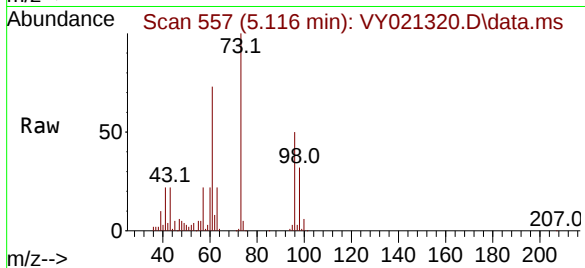




#21
trans-1,2-Dichloroethene
Concen: 48.708 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

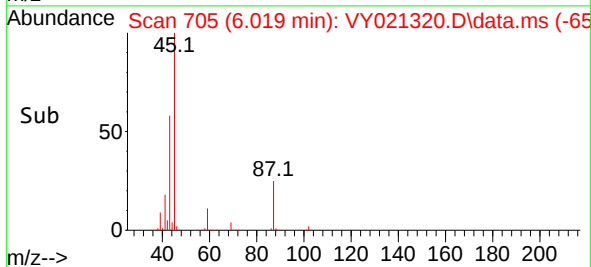
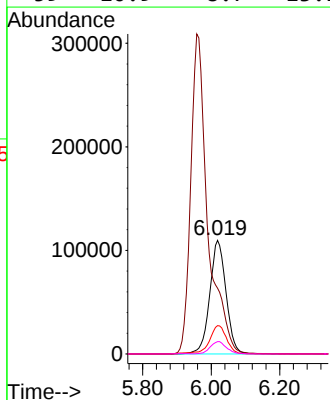
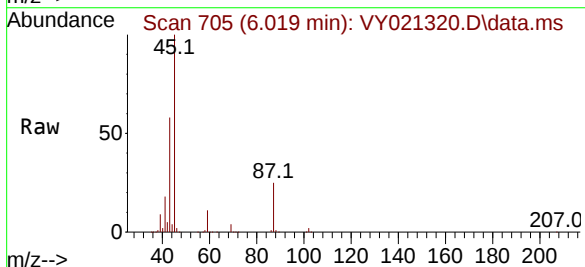
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

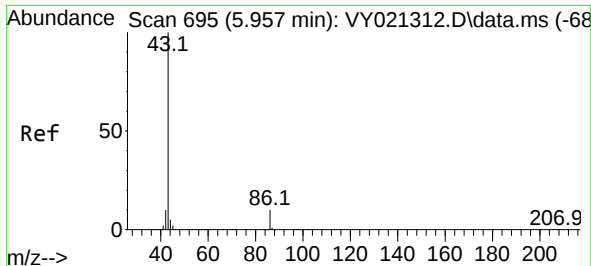
Tgt Ion: 96 Resp: 104607
Ion Ratio Lower Upper
96 100
61 144.8 116.3 174.5
98 64.0 52.6 78.8



#22
Diisopropyl ether
Concen: 50.442 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 45 Resp: 361038
Ion Ratio Lower Upper
45 100
43 57.7 48.2 72.4
87 24.9 20.3 30.5
59 10.9 8.7 13.1

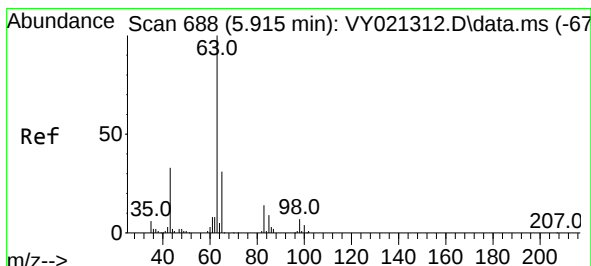
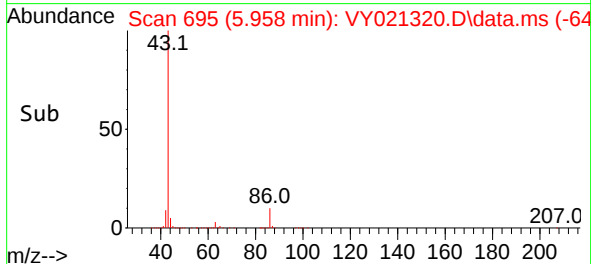
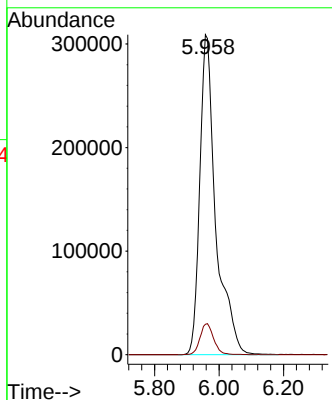
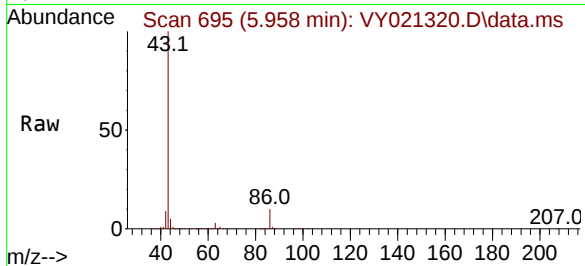




#23
 Vinyl Acetate
 Concen: 249.197 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

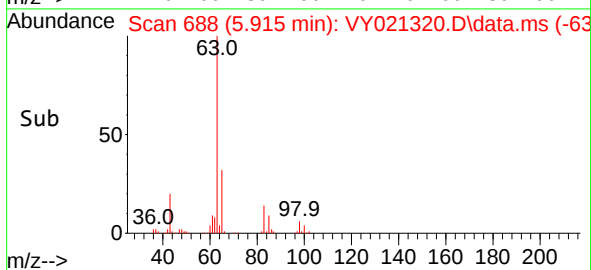
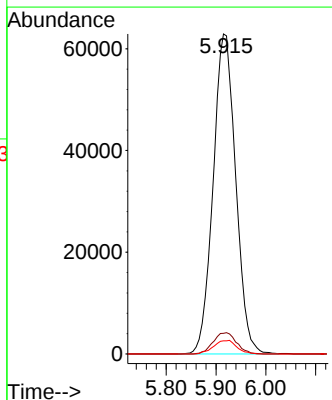
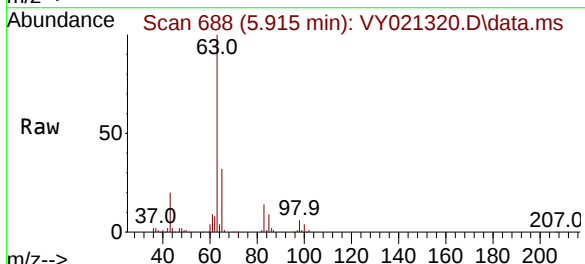
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

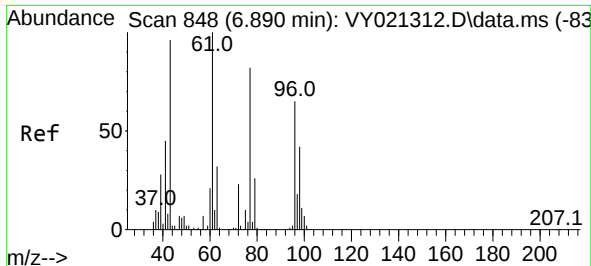
Tgt Ion: 43 Resp: 1065848
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 49.069 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

Tgt Ion: 63 Resp: 197949
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.7 11.1
 100 4.1 2.1 6.5

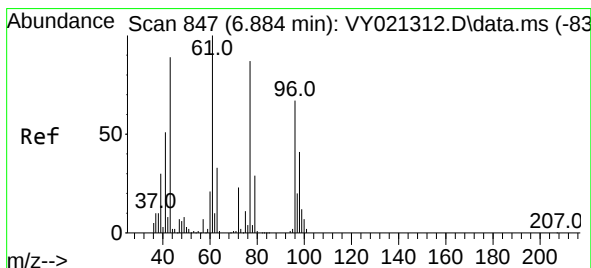
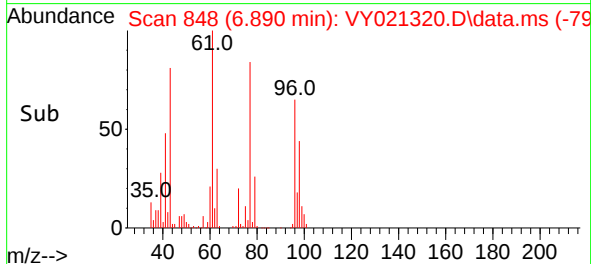
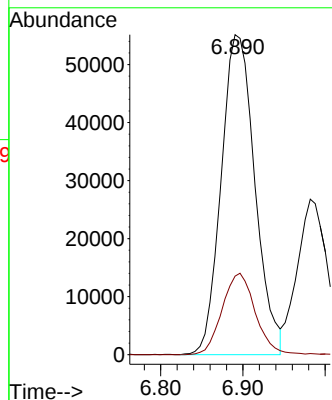
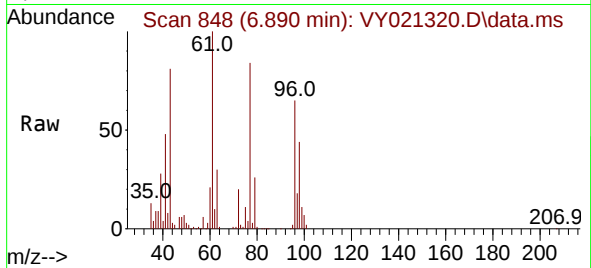




#25
2-Butanone
Concen: 246.999 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

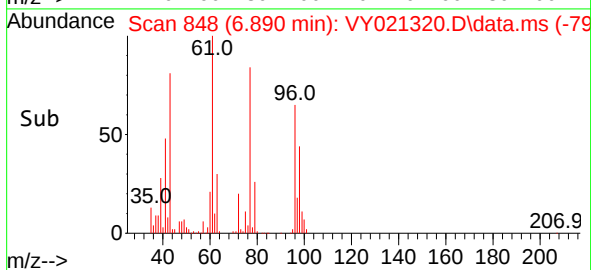
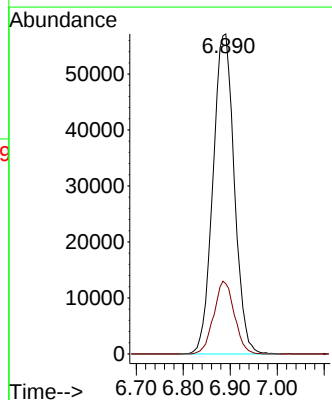
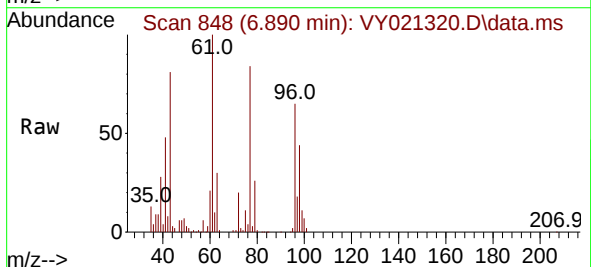
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

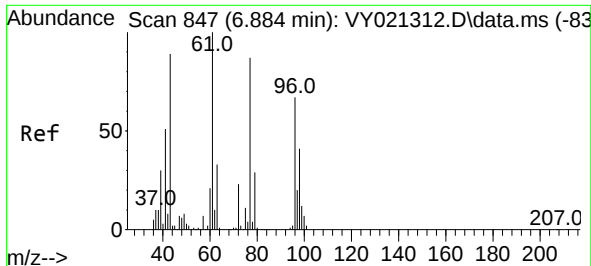
Tgt Ion: 43 Resp: 157281
Ion Ratio Lower Upper
43 100
72 24.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 49.191 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 77 Resp: 180065
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7



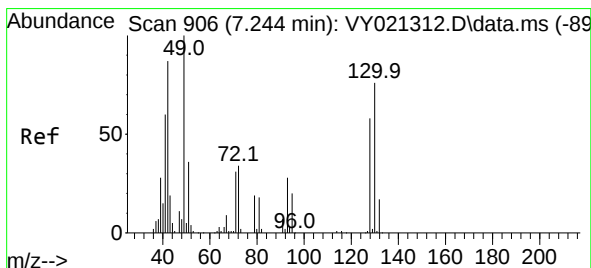
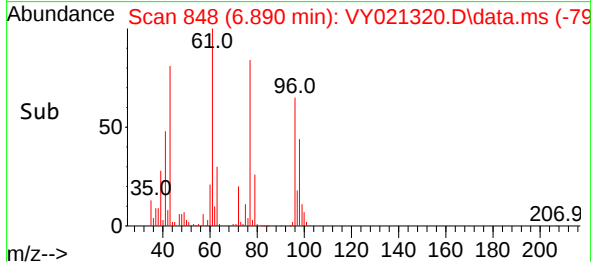
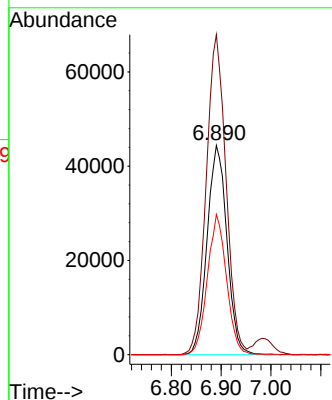
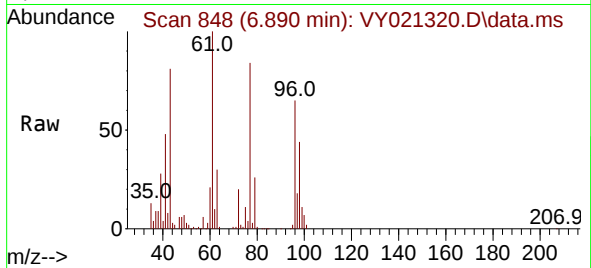


#27
 cis-1,2-Dichloroethene
 Concen: 50.053 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 122751

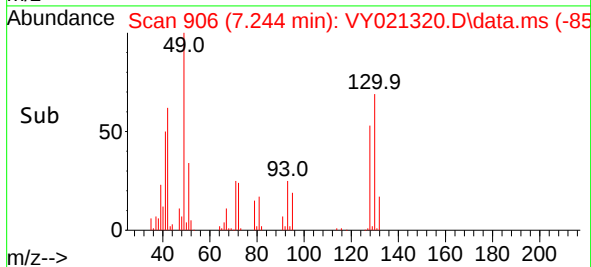
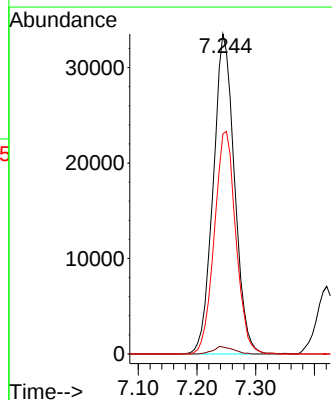
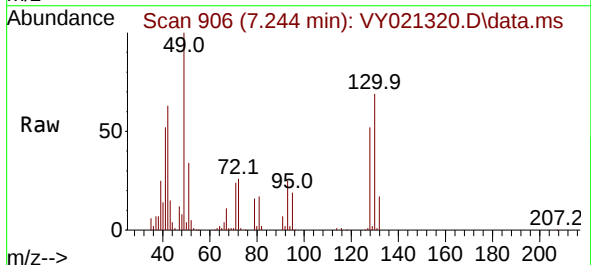
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	308.0
98	64.6	0.0	129.6

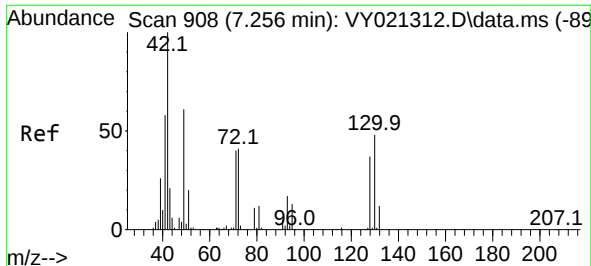


#28
 Bromochloromethane
 Concen: 47.247 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

Tgt Ion: 49 Resp: 84337

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	70.3	57.8	86.6





#29

Tetrahydrofuran

Concen: 238.435 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

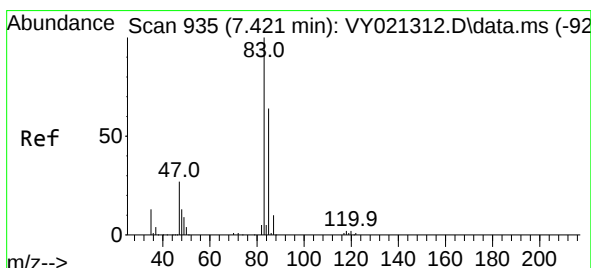
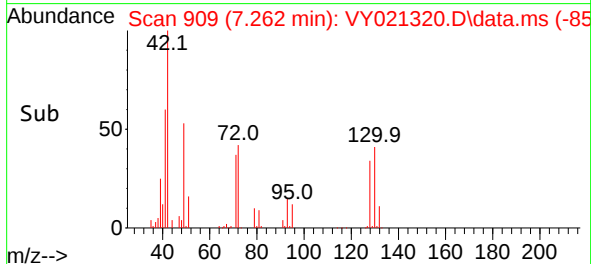
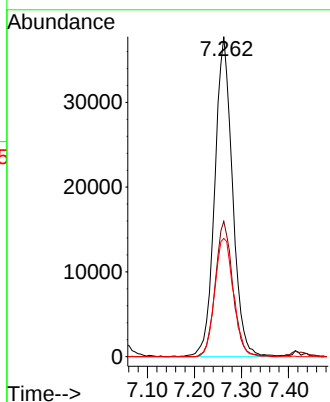
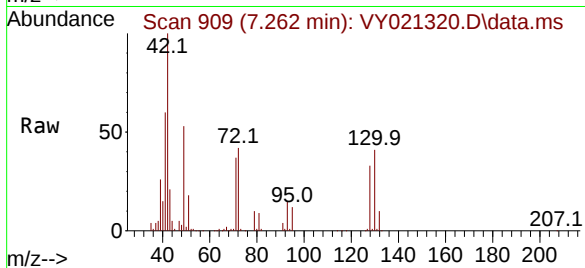
Tgt Ion: 42 Resp: 99242

Ion Ratio Lower Upper

42 100

72 41.6 33.1 49.7

71 39.1 31.4 47.0



#30

Chloroform

Concen: 49.253 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021320.D

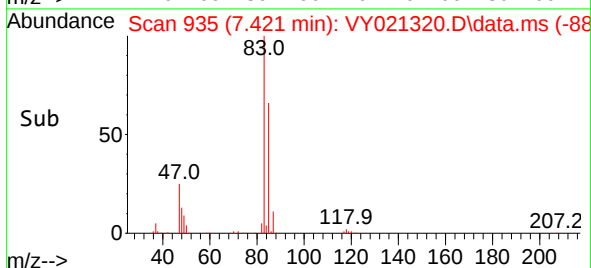
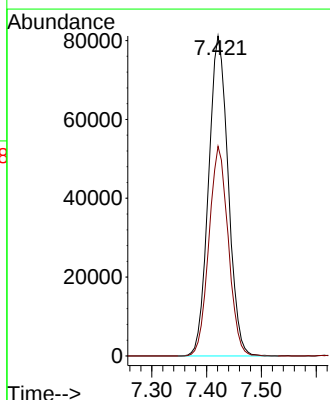
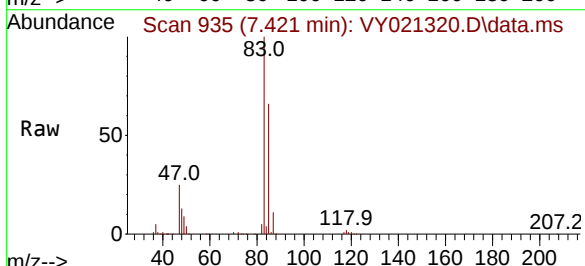
Acq: 26 Feb 2025 10:11

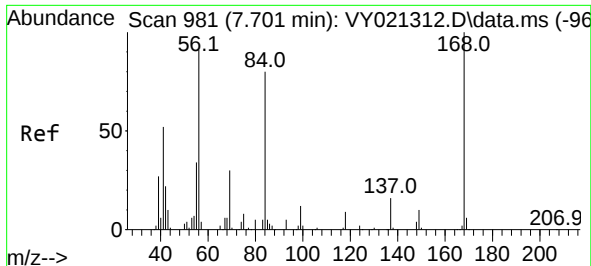
Tgt Ion: 83 Resp: 201334

Ion Ratio Lower Upper

83 100

85 65.5 51.6 77.4

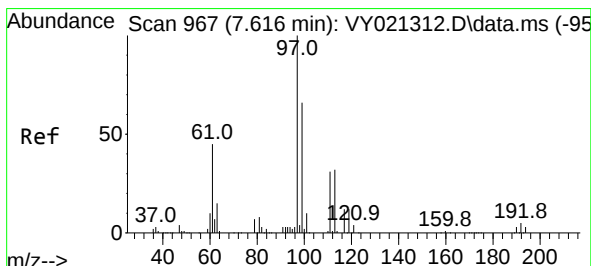
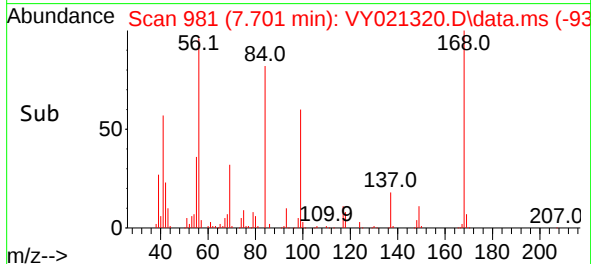
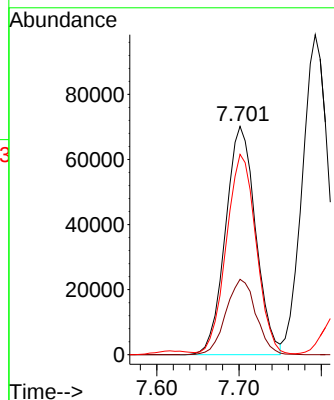
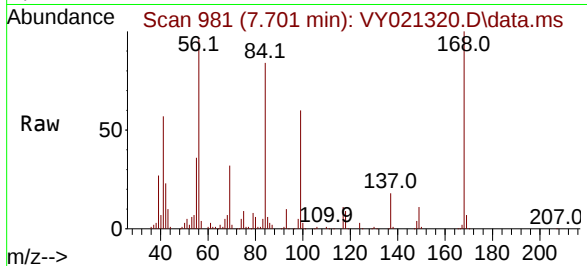




#31
Cyclohexane
Concen: 46.094 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

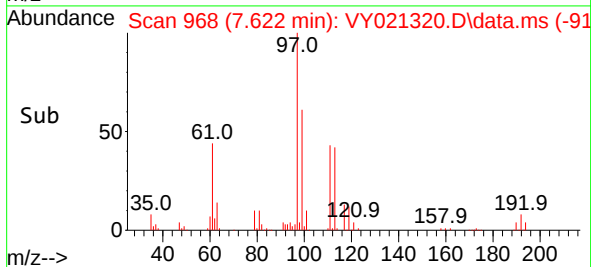
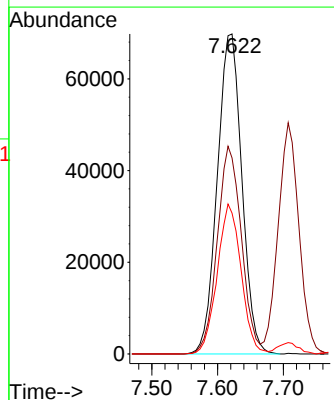
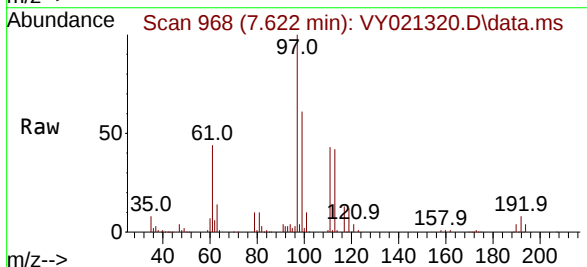
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

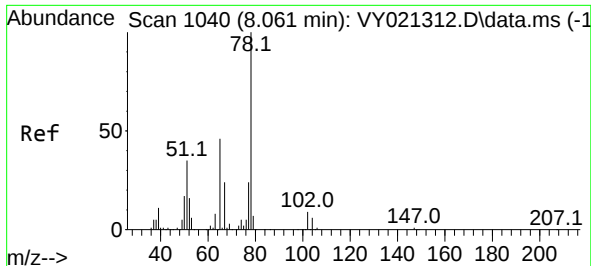
Tgt Ion: 56 Resp: 178746
Ion Ratio Lower Upper
56 100
69 33.0 26.2 39.4
84 86.1 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 48.795 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 97 Resp: 181553
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 45.6 36.2 54.2

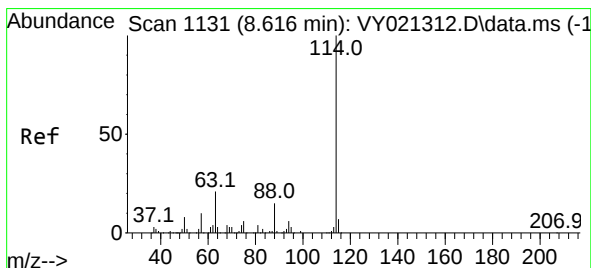
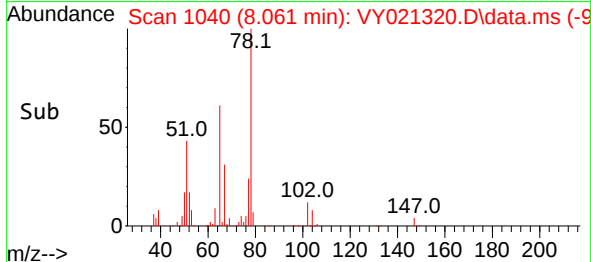
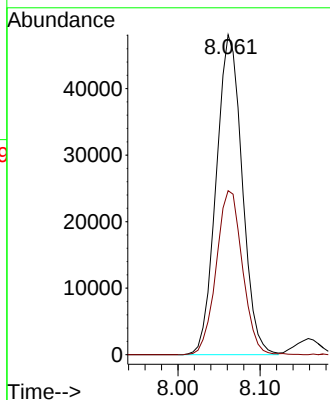
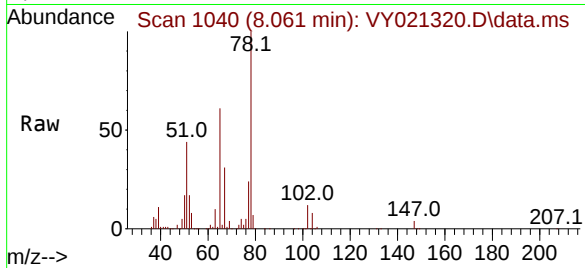




#33
 1,2-Dichloroethane-d4
 Concen: 47.987 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

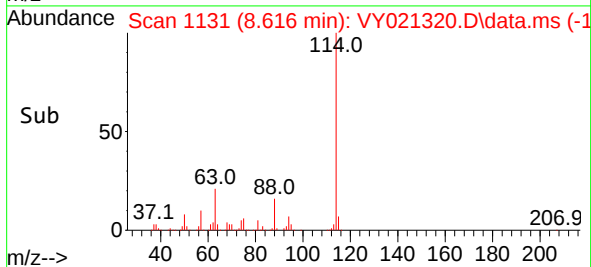
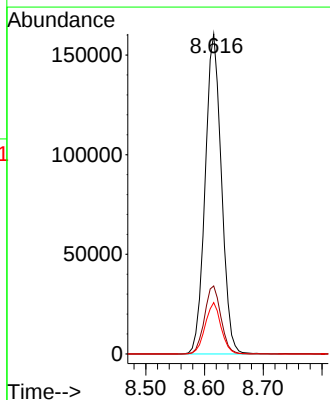
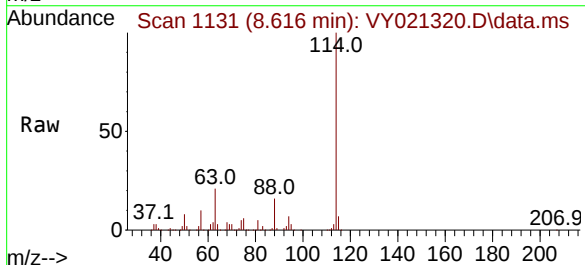
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

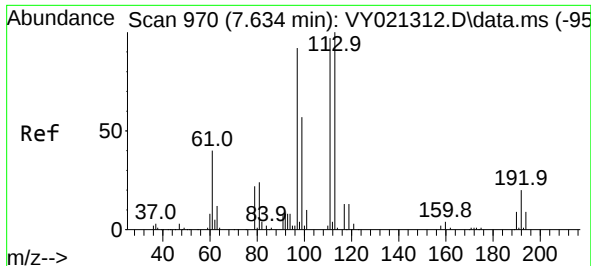
Tgt Ion: 65 Resp: 105547
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

Tgt Ion: 114 Resp: 308714
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.2
 88 16.0 0.0 29.8

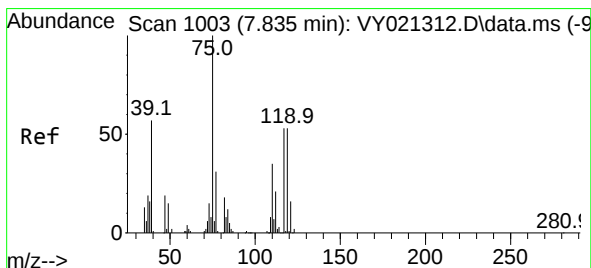
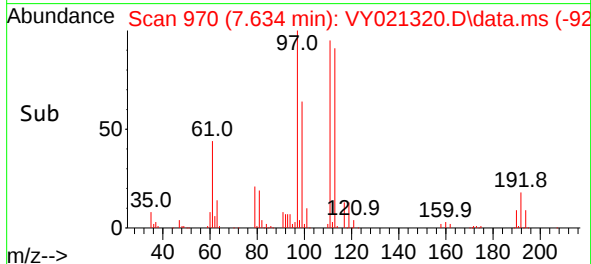
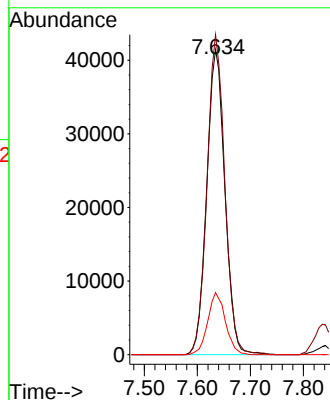
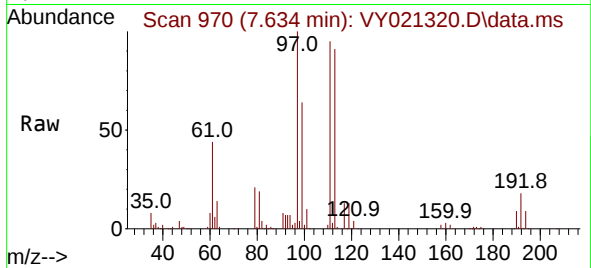




#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

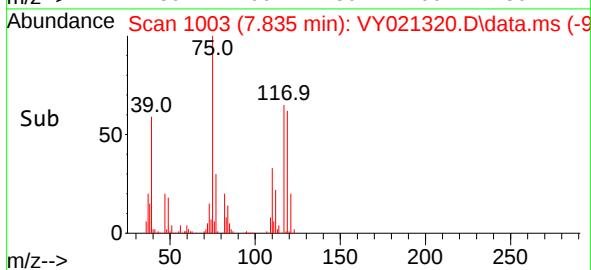
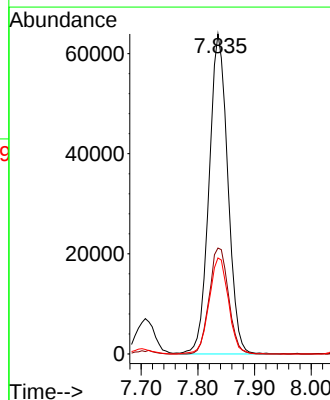
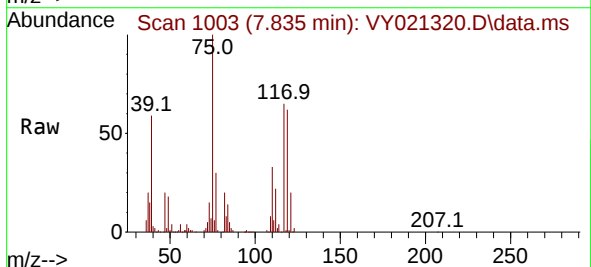
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

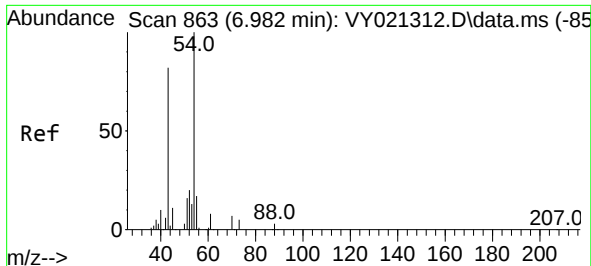
Tgt Ion:113 Resp: 98654
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 48.254 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 146702
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 48.080 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

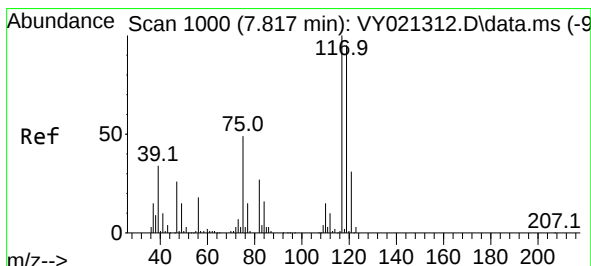
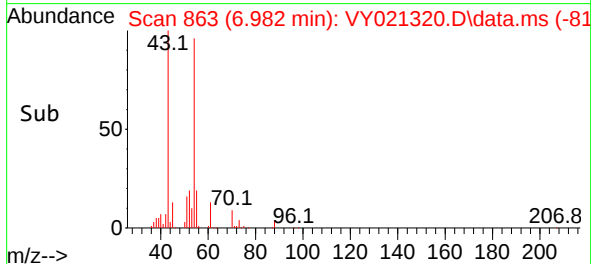
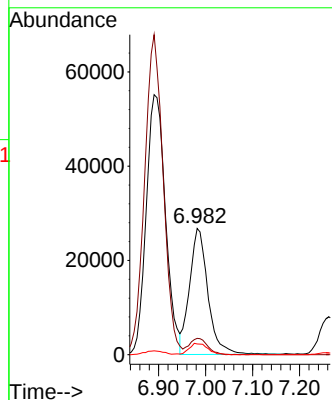
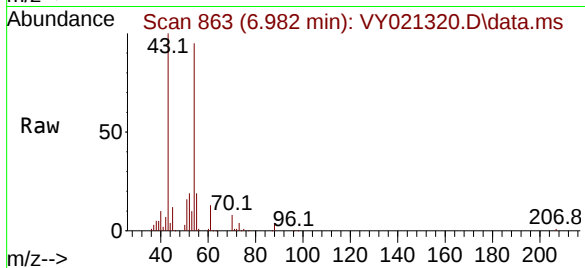
Tgt Ion: 43 Resp: 72710

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 9.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 48.402 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

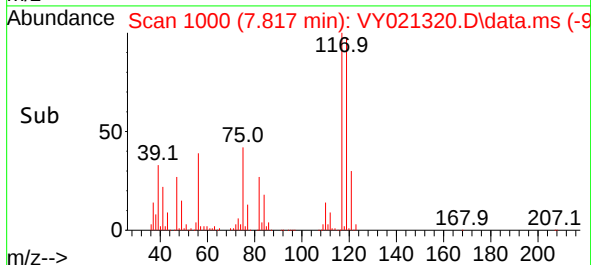
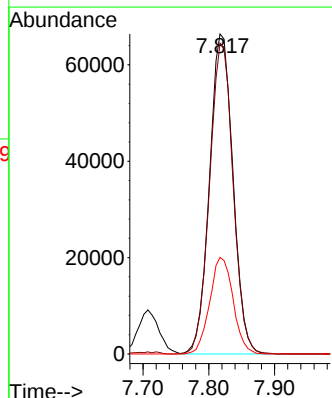
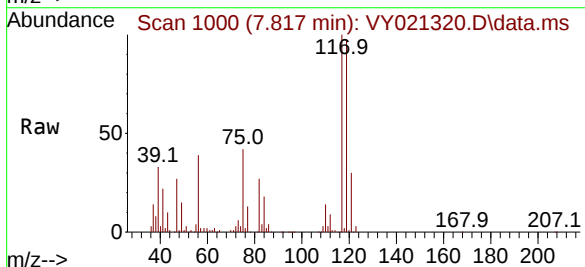
Tgt Ion: 117 Resp: 165430

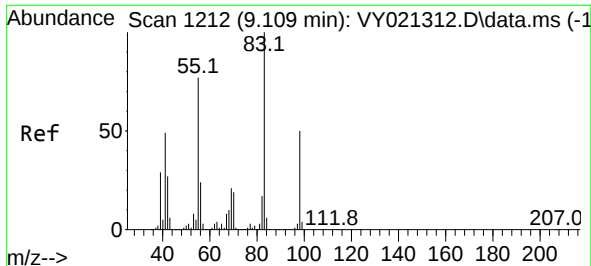
Ion Ratio Lower Upper

117 100

119 97.1 76.0 114.0

121 30.1 24.9 37.3

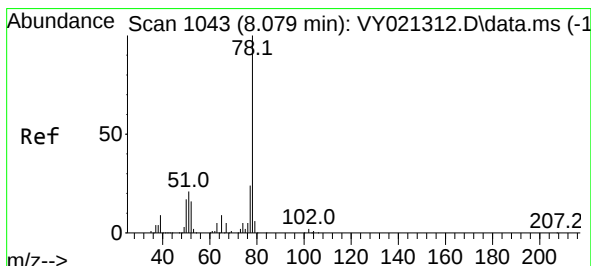
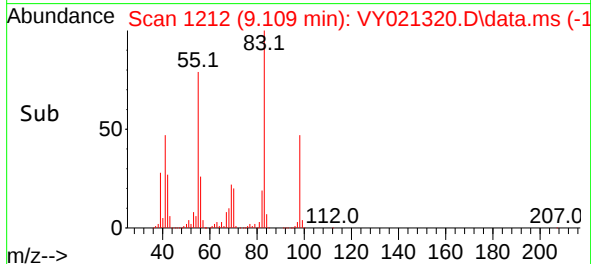
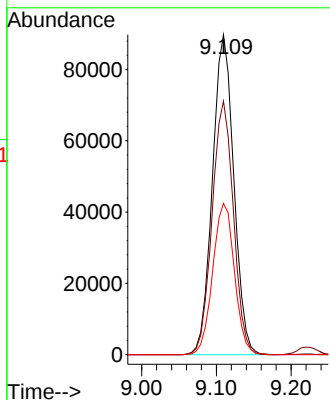
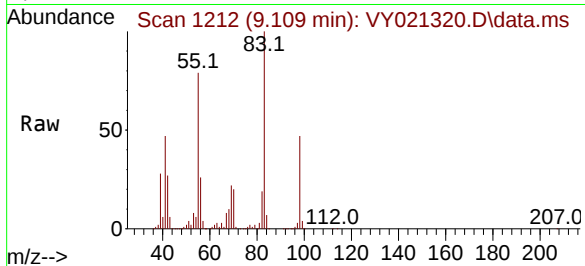




#39
Methylcyclohexane
Concen: 46.422 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

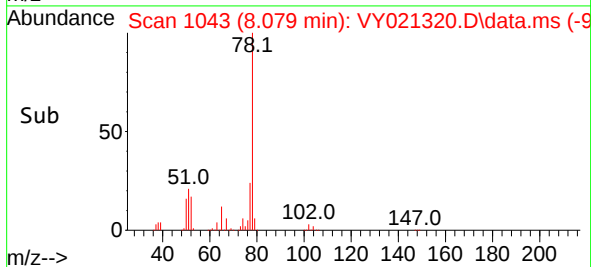
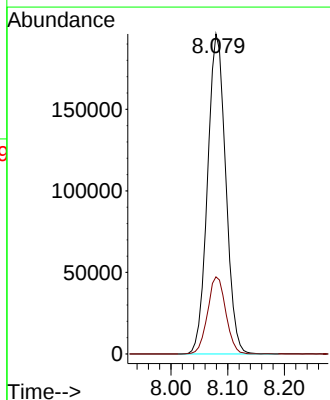
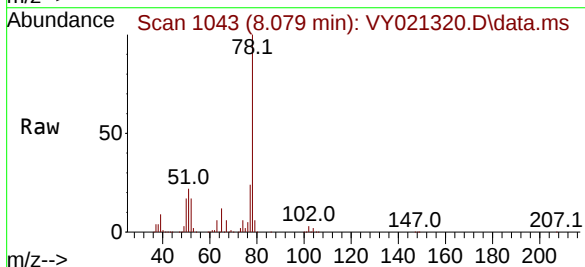
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

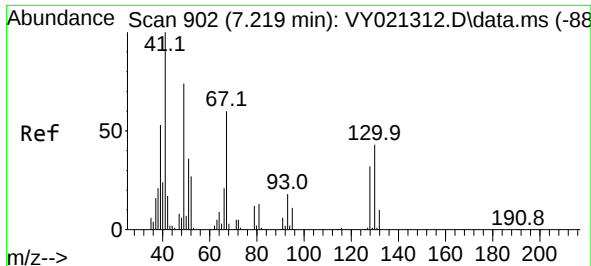
Tgt Ion: 83 Resp: 178508
Ion Ratio Lower Upper
83 100
55 79.2 61.3 91.9
98 47.3 39.9 59.9



#40
Benzene
Concen: 48.593 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 78 Resp: 436709
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

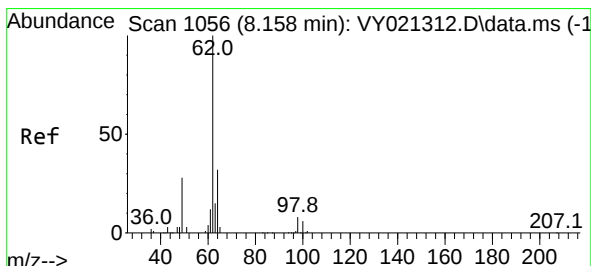
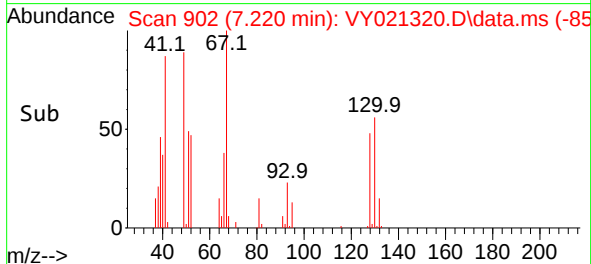
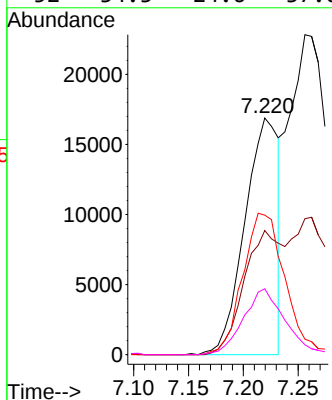
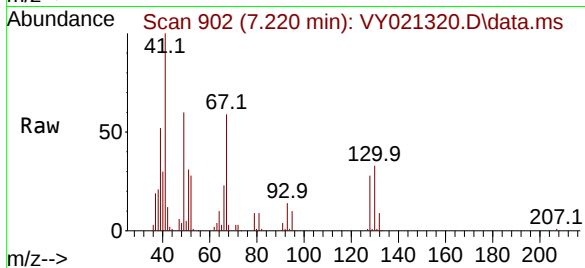




#41
Methacrylonitrile
Concen: 42.766 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

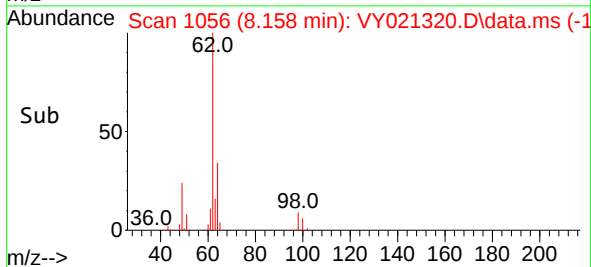
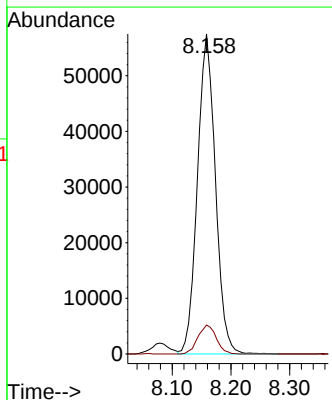
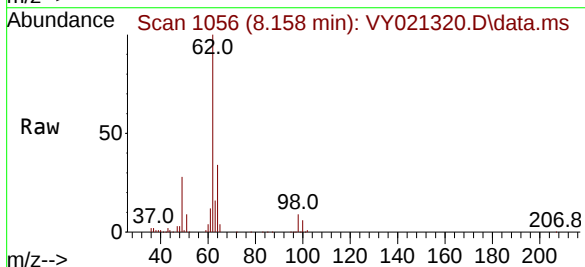
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

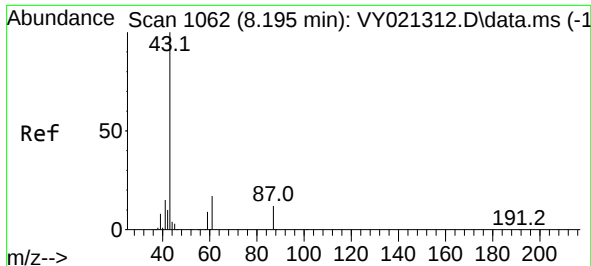
Tgt Ion:	41	Resp:	36160
Ion	Ratio	Lower	Upper
41	100		
39	61.0	42.3	63.5
67	75.4	54.8	82.2
52	34.3	24.6	37.0



#42
1,2-Dichloroethane
Concen: 47.978 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:	62	Resp:	122335
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6

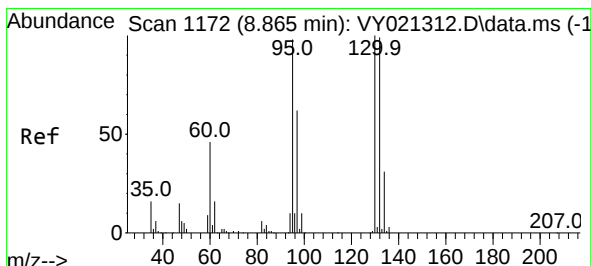
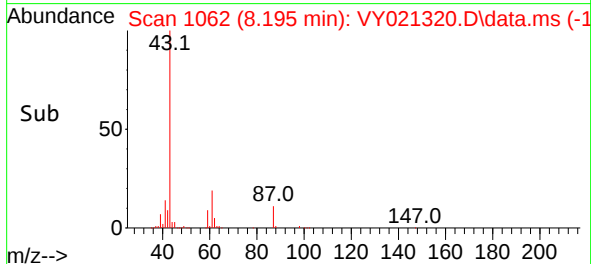
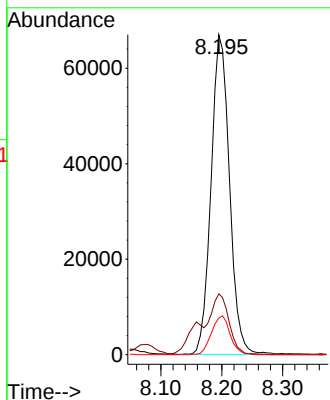
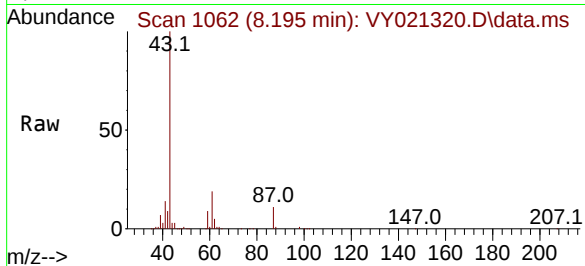




#43
Isopropyl Acetate
Concen: 47.984 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

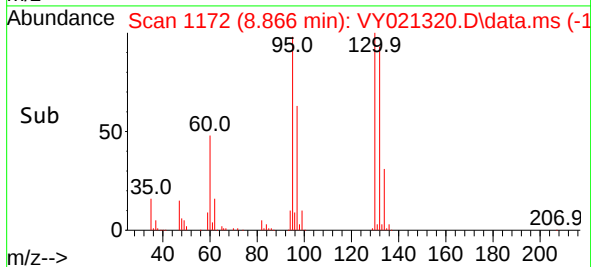
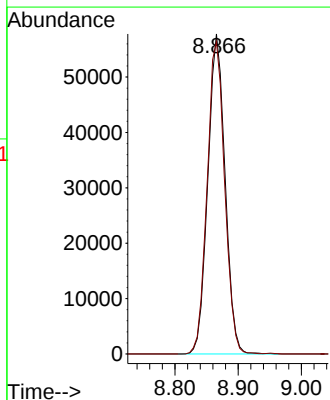
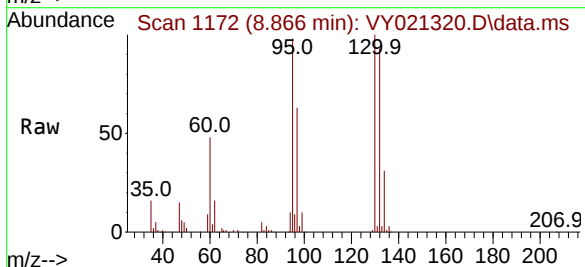
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

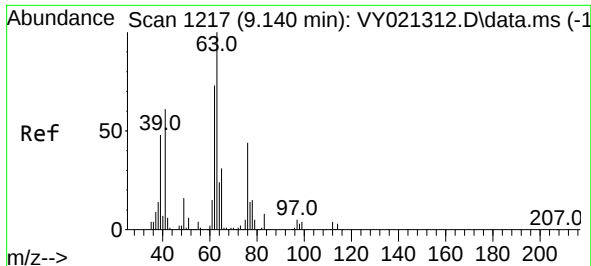
Tgt Ion: 43 Resp: 140455
Ion Ratio Lower Upper
43 100
61 19.3 15.0 22.6
87 12.3 10.0 15.0



#44
Trichloroethene
Concen: 48.665 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:130 Resp: 109499
Ion Ratio Lower Upper
130 100
95 97.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.637 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

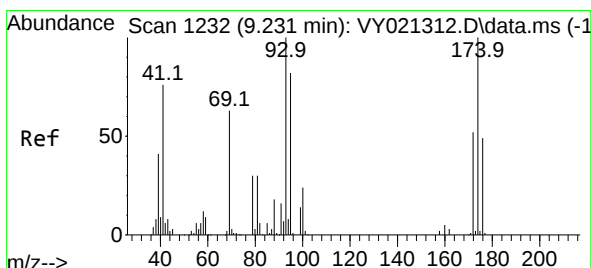
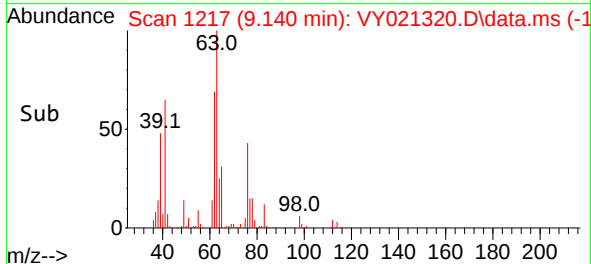
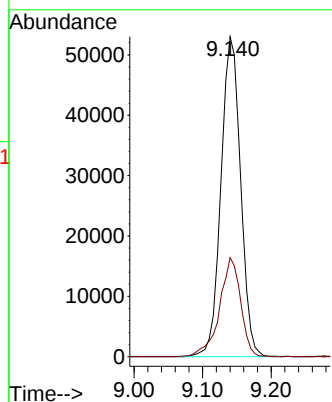
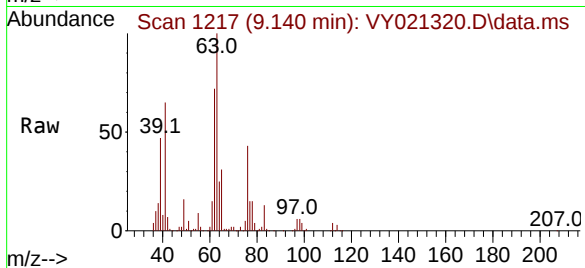
VSTDCCC050

Tgt Ion: 63 Resp: 105190

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 48.195 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

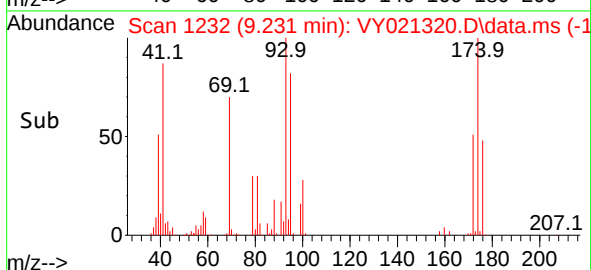
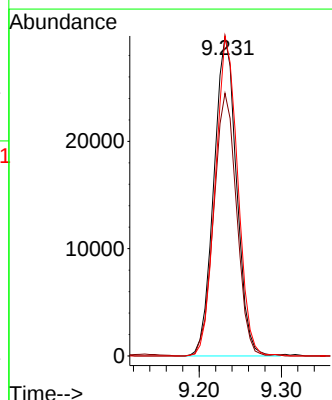
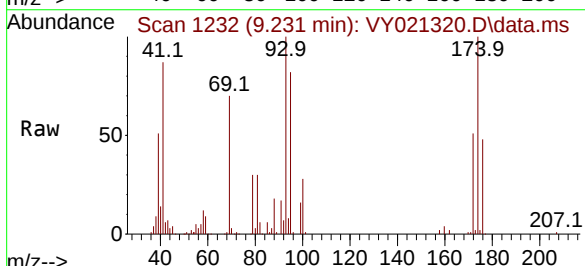
Tgt Ion: 93 Resp: 56977

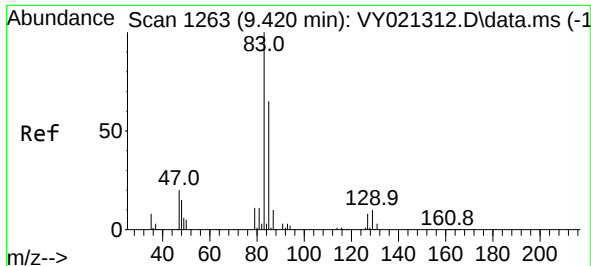
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

174 98.8 78.2 117.2

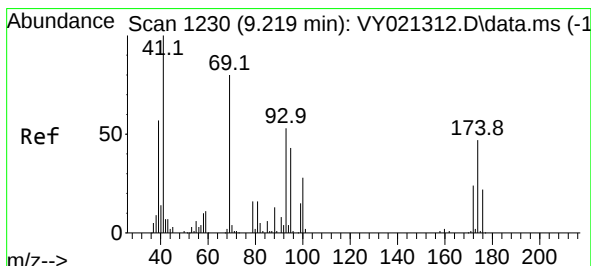
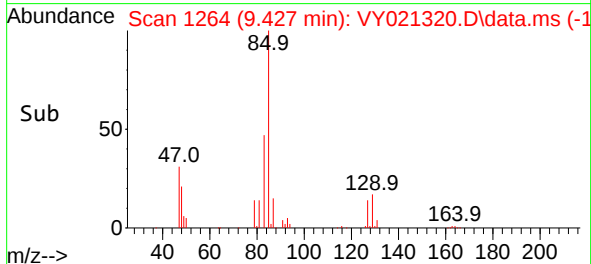
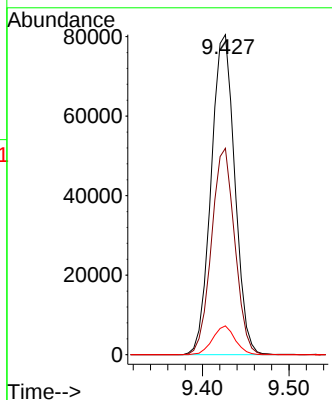
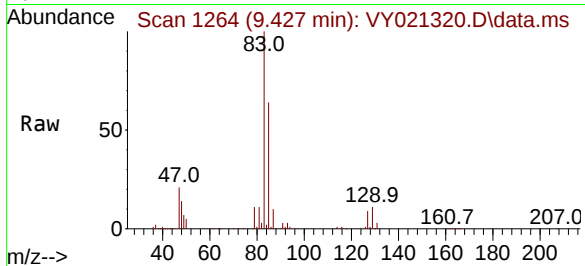




#47
Bromodichloromethane
Concen: 48.352 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

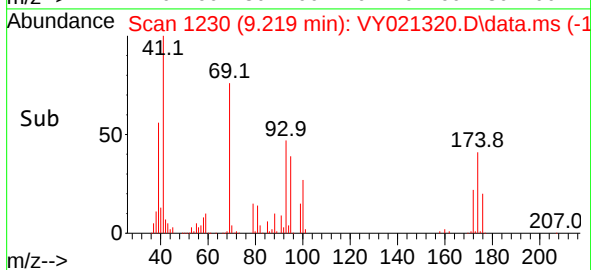
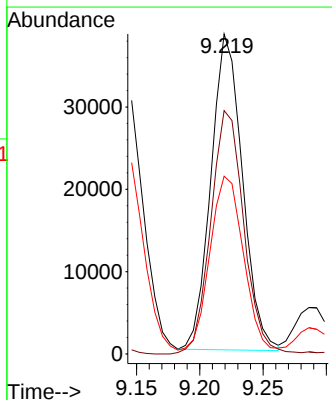
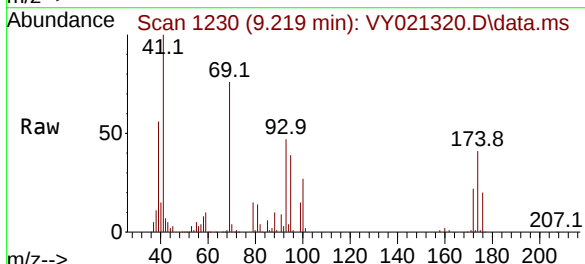
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

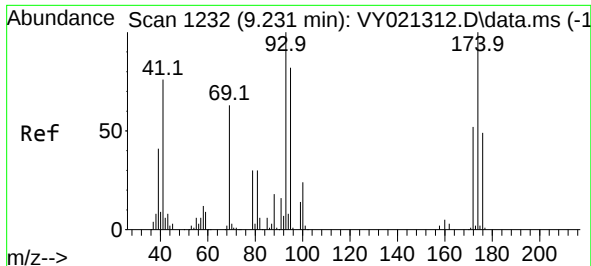
Tgt Ion: 83 Resp: 152416
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 48.481 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 41 Resp: 66362
Ion Ratio Lower Upper
41 100
69 80.7 63.3 94.9
39 58.6 45.0 67.6





#49

1,4-Dioxane

Concen: 944.605 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

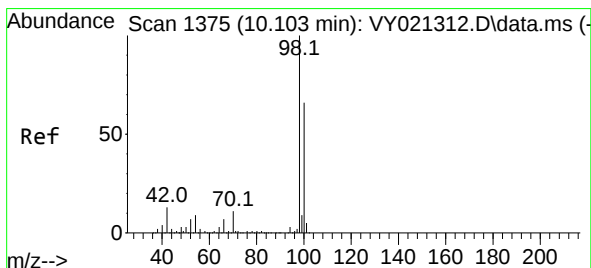
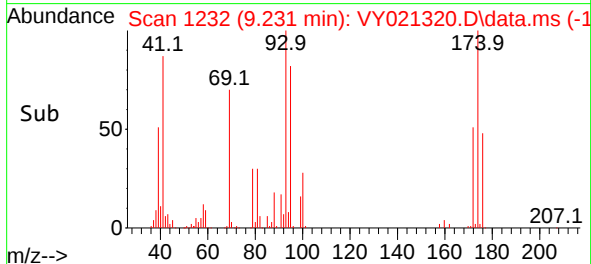
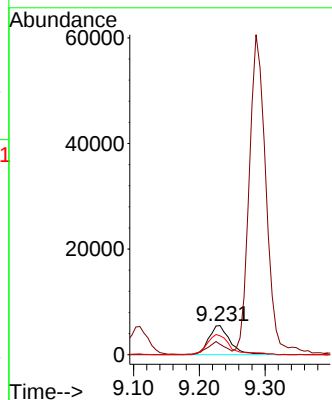
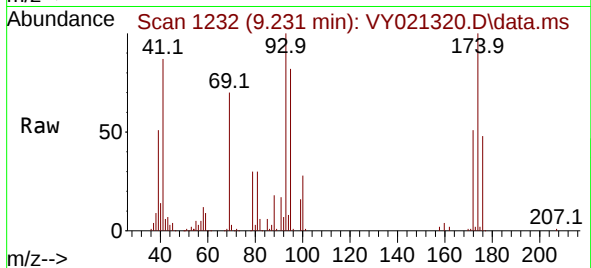
Tgt Ion: 88 Resp: 12417

Ion Ratio Lower Upper

88 100

43 35.7 34.8 52.2

58 74.3 59.8 89.6



#50

Toluene-d8

Concen: 49.599 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021320.D

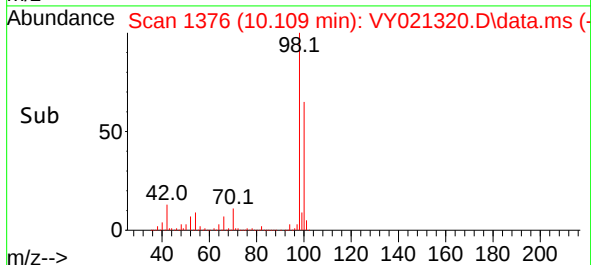
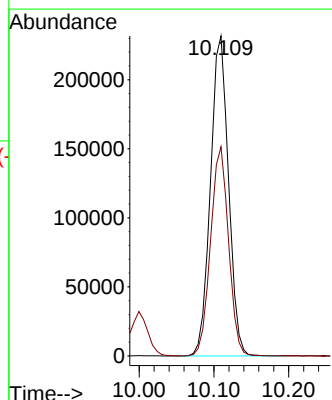
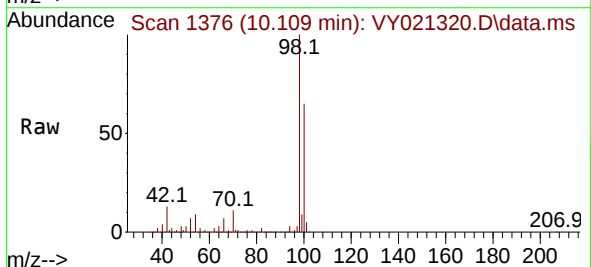
Acq: 26 Feb 2025 10:11

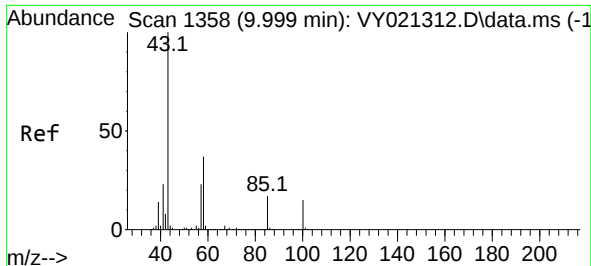
Tgt Ion: 98 Resp: 387966

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 240.853 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

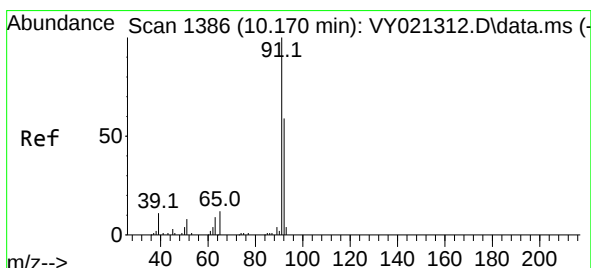
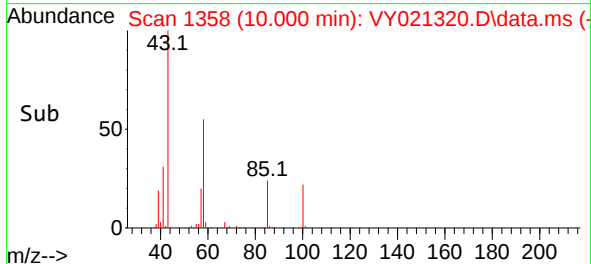
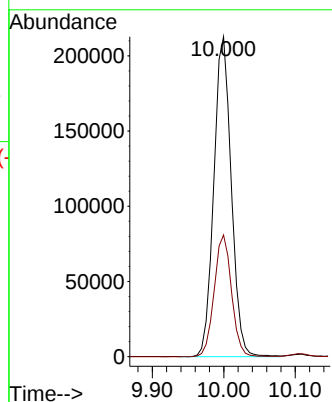
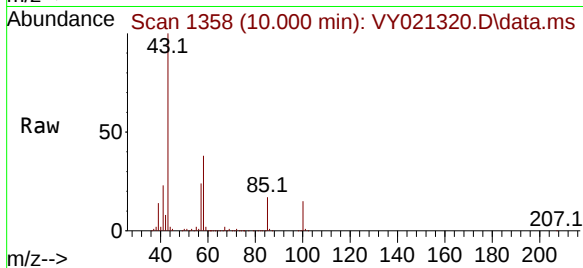
VSTDCCC050

Tgt Ion: 43 Resp: 360891

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 49.351 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021320.D

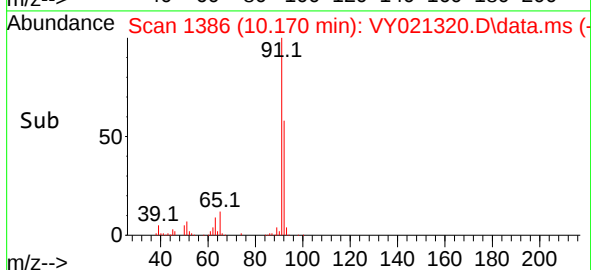
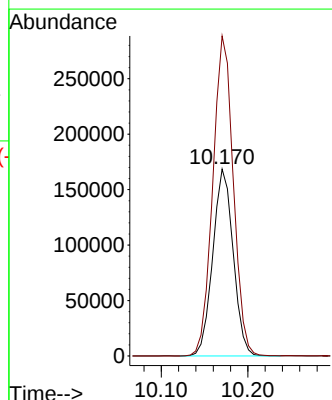
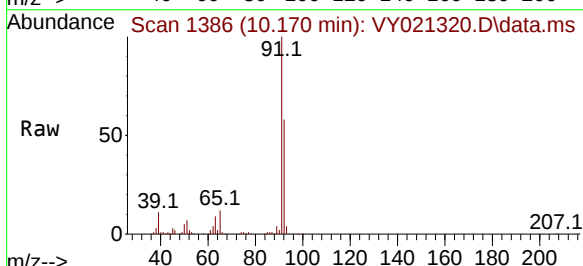
Acq: 26 Feb 2025 10:11

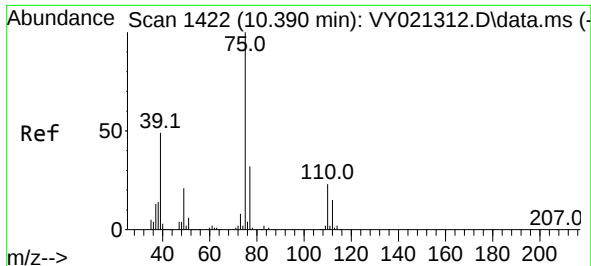
Tgt Ion: 92 Resp: 275527

Ion Ratio Lower Upper

92 100

91 172.3 137.8 206.8

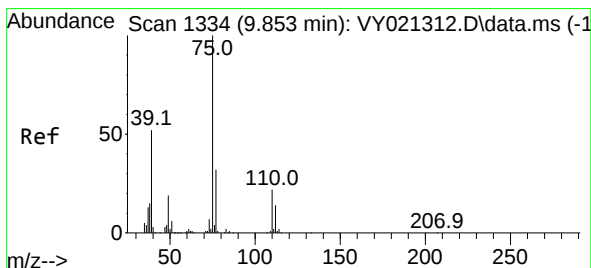
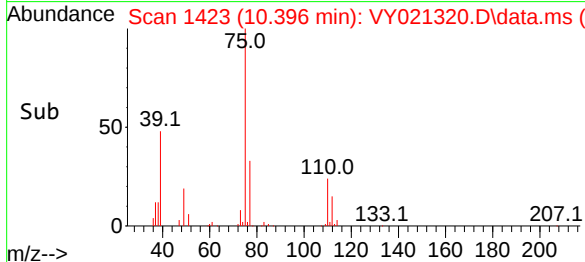
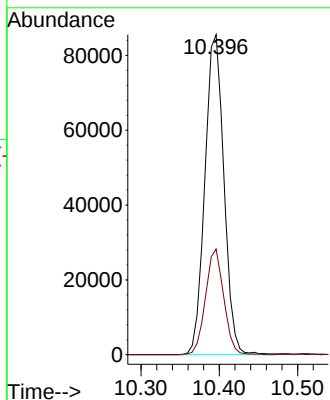
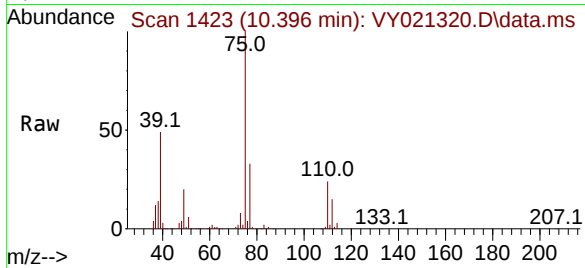




#53
 t-1,3-Dichloropropene
 Concen: 49.988 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

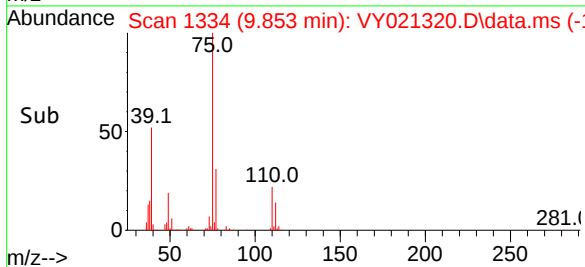
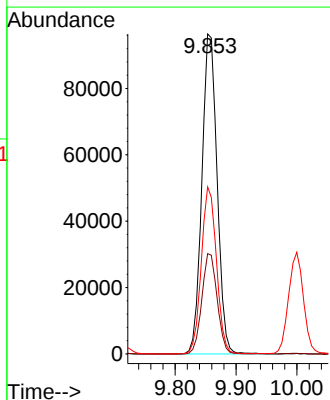
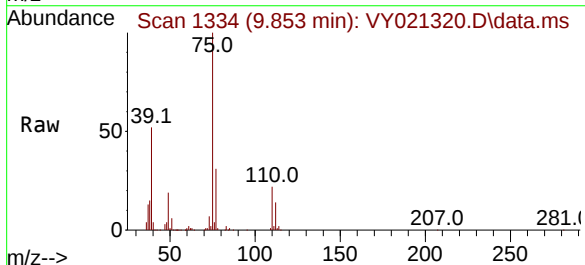
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

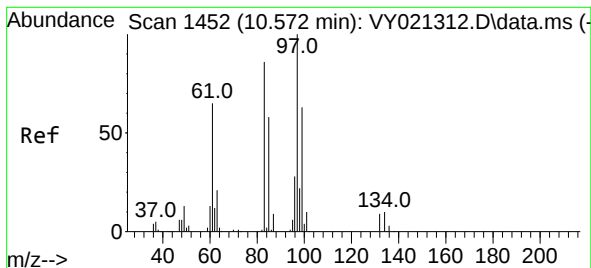
Tgt Ion: 75 Resp: 144366
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.192 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021320.D
 Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 167718
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 52.1 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 47.334 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 72899

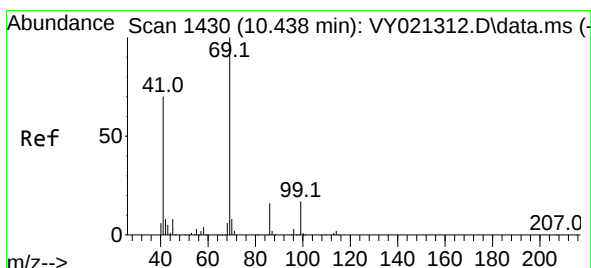
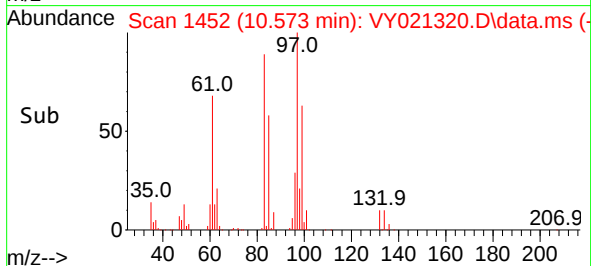
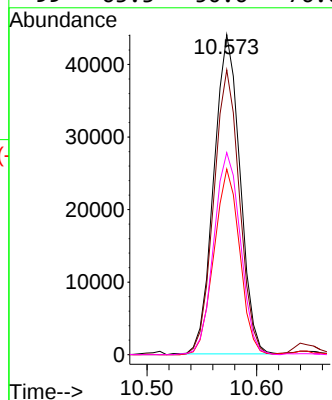
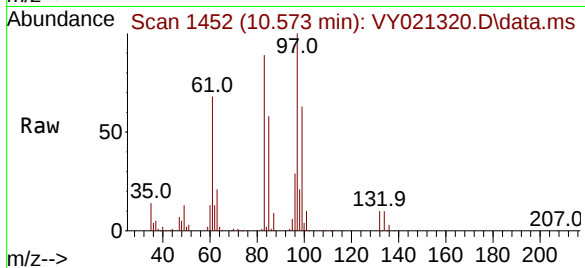
Ion Ratio Lower Upper

97 100

83 89.2 68.7 103.1

85 58.2 46.3 69.5

99 63.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 50.979 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

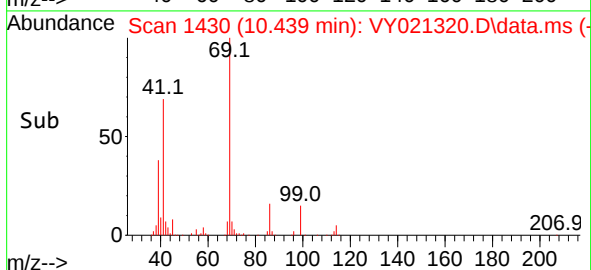
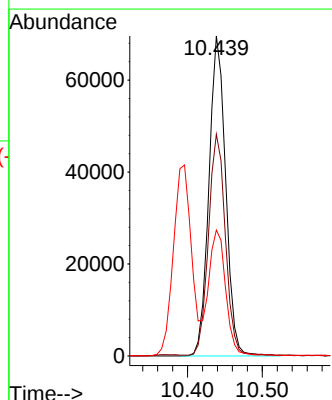
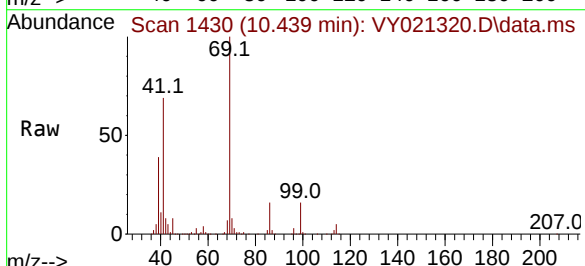
Tgt Ion: 69 Resp: 108485

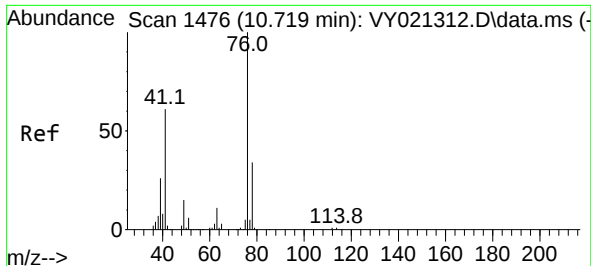
Ion Ratio Lower Upper

69 100

41 70.2 56.2 84.4

39 41.3 32.7 49.1





#57

1,3-Dichloropropane

Concen: 49.183 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

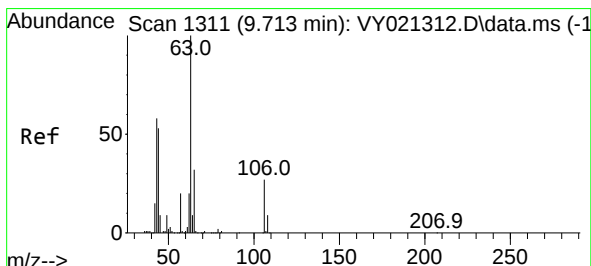
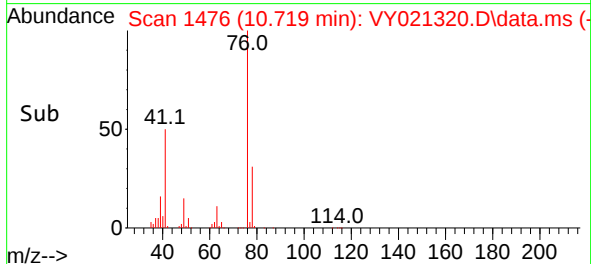
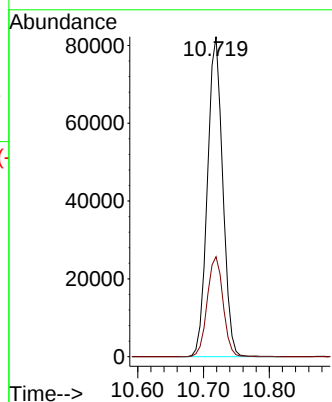
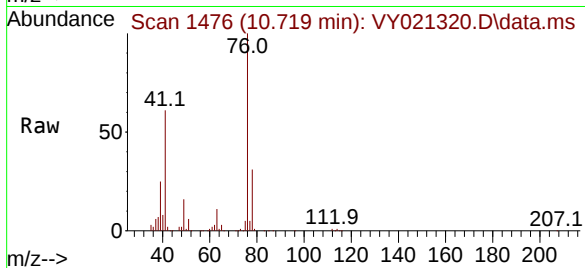
VSTDCCC050

Tgt Ion: 76 Resp: 132919

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 234.614 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021320.D

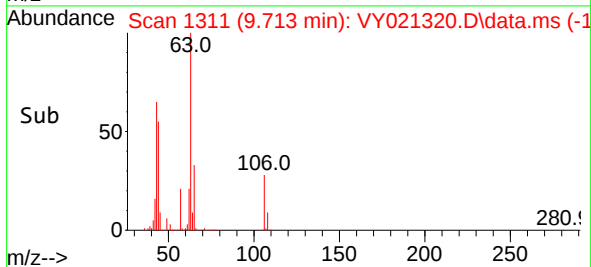
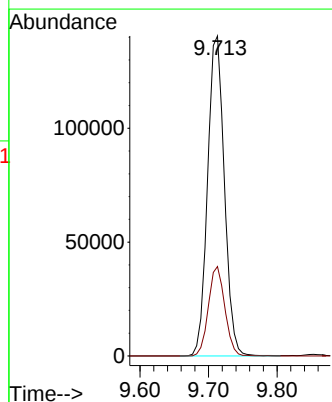
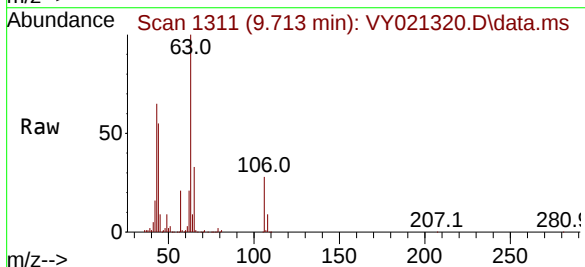
Acq: 26 Feb 2025 10:11

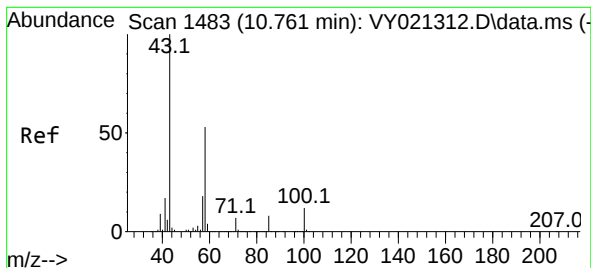
Tgt Ion: 63 Resp: 239640

Ion Ratio Lower Upper

63 100

106 27.3 21.7 32.5

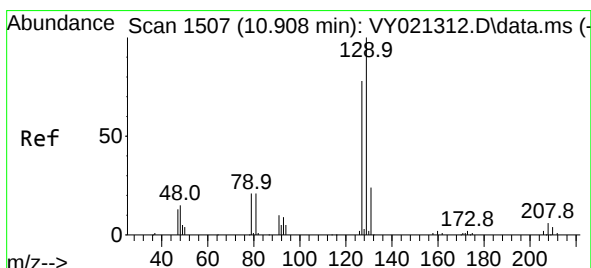
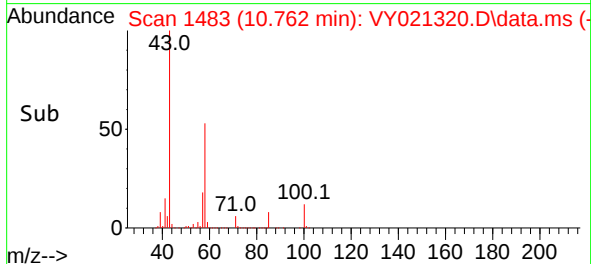
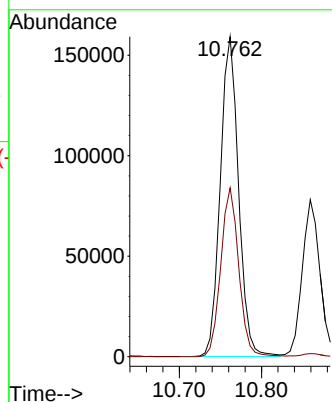
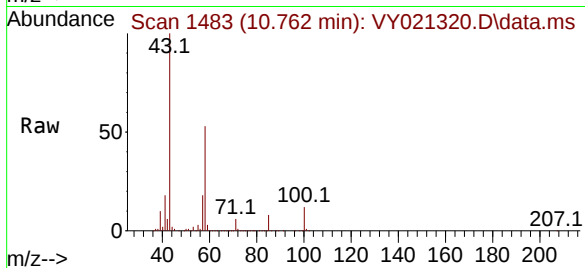




#59
2-Hexanone
Concen: 249.476 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

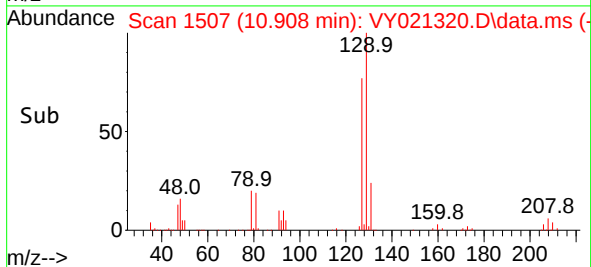
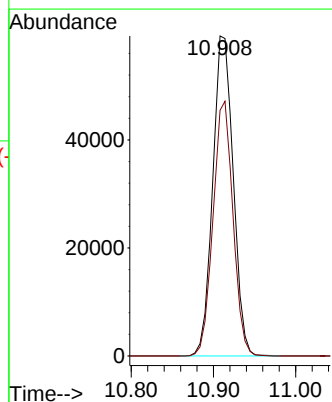
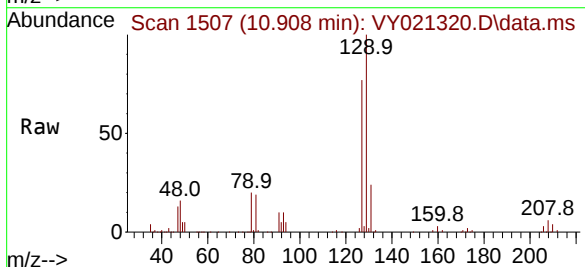
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

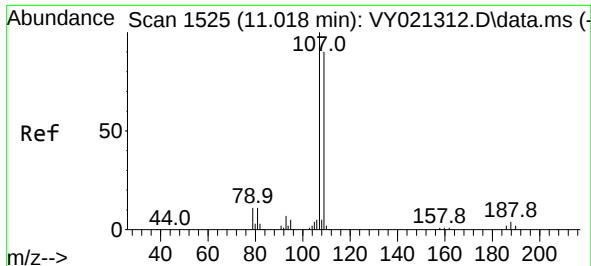
Tgt Ion: 43 Resp: 245501
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.6



#60
Dibromochloromethane
Concen: 48.867 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 129 Resp: 102499
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

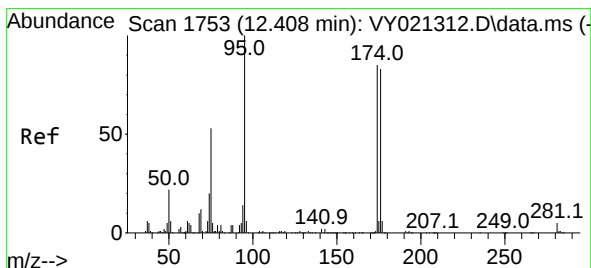
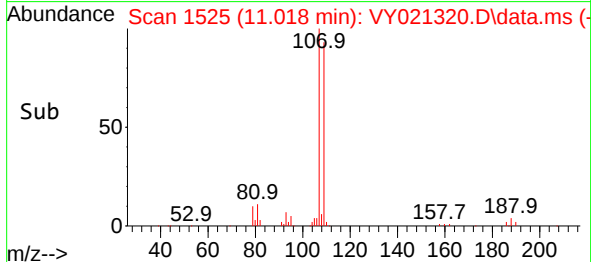
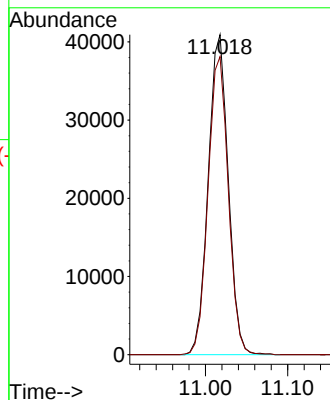
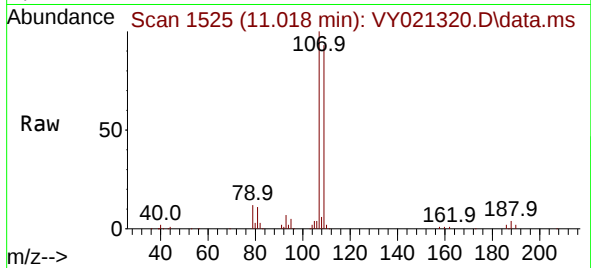




#61
1,2-Dibromoethane
Concen: 47.532 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

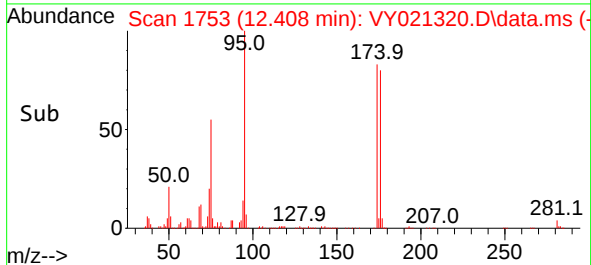
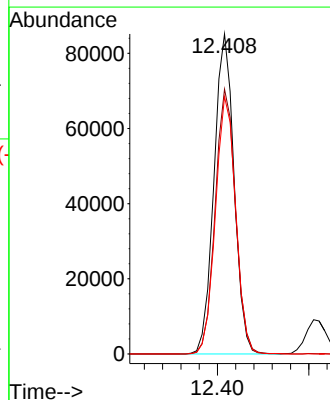
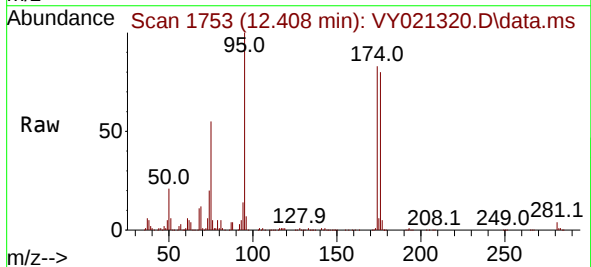
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

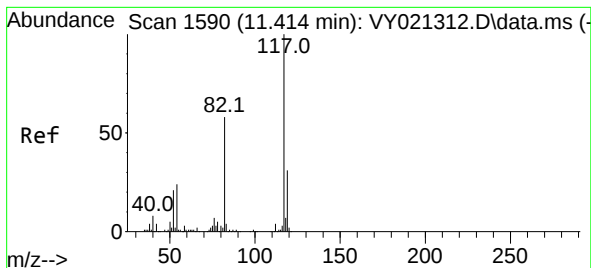
Tgt Ion:107 Resp: 69304
Ion Ratio Lower Upper
107 100
109 94.0 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 95 Resp: 129754
Ion Ratio Lower Upper
95 100
174 83.6 0.0 168.0
176 81.2 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

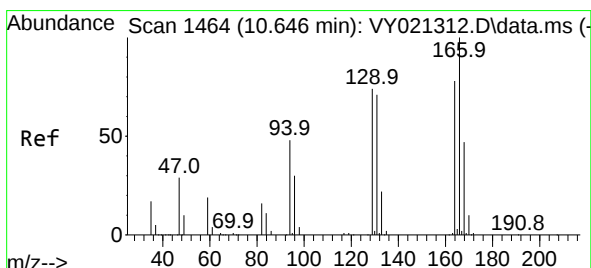
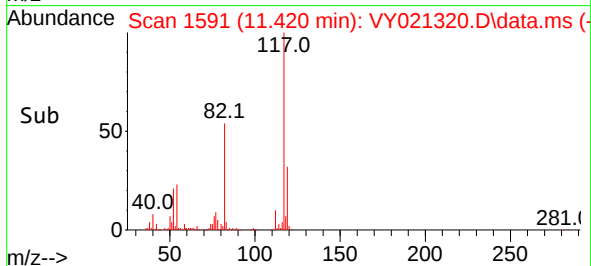
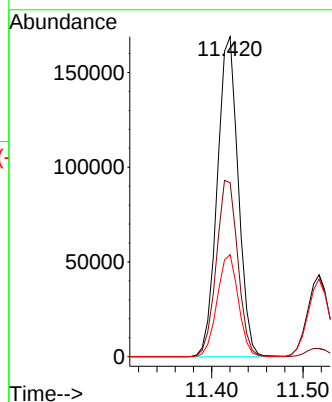
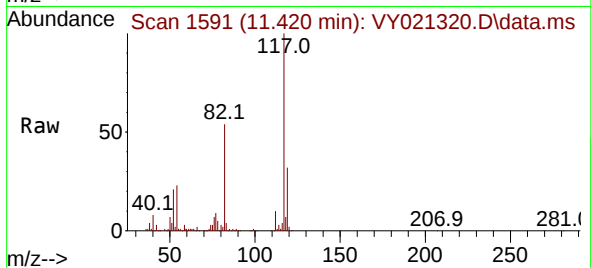
Tgt Ion:117 Resp: 268805

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.9 24.9 37.3



#64

Tetrachloroethene

Concen: 47.455 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Tgt Ion:164 Resp: 96416

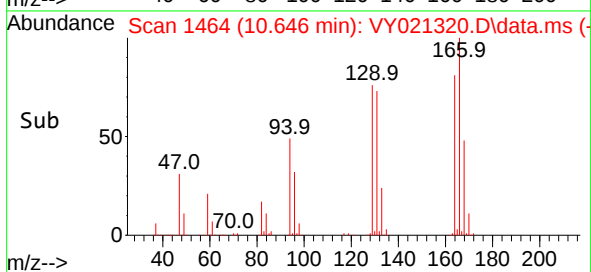
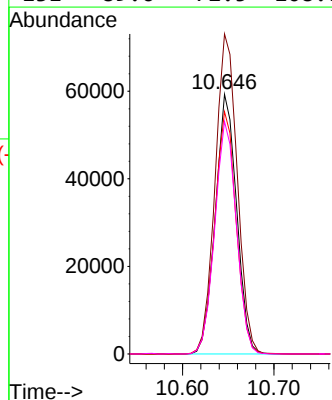
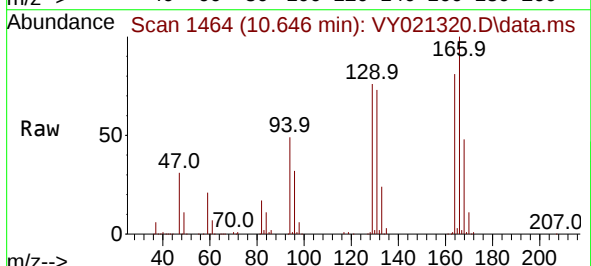
Ion Ratio Lower Upper

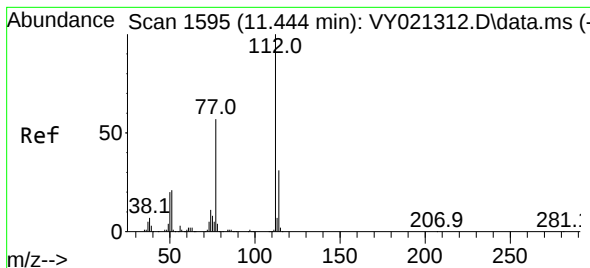
164 100

166 123.2 101.9 152.9

129 93.3 75.5 113.3

131 89.6 72.5 108.7

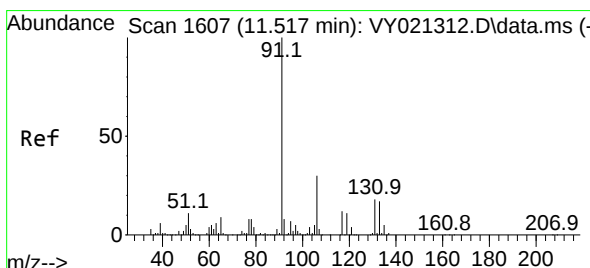
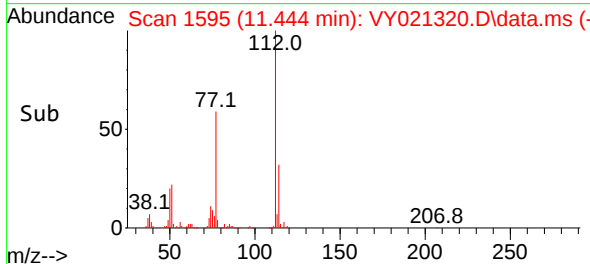
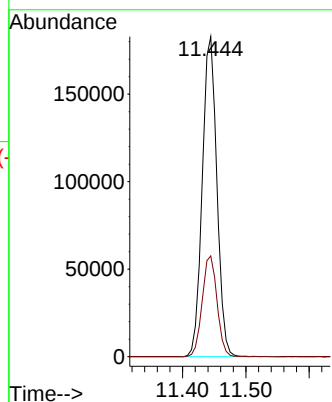
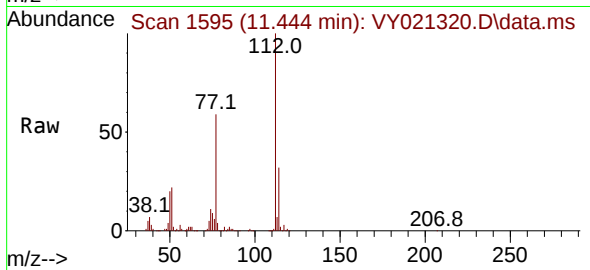




#65
Chlorobenzene
Concen: 48.625 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

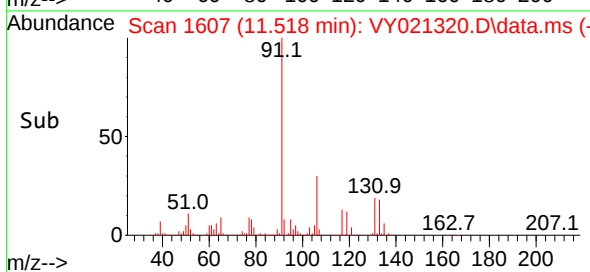
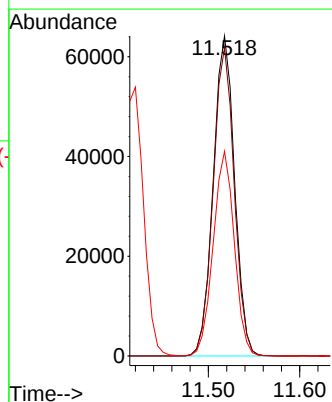
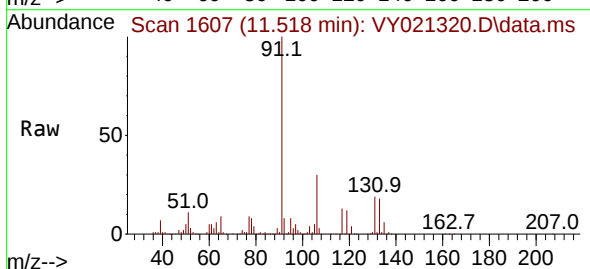
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

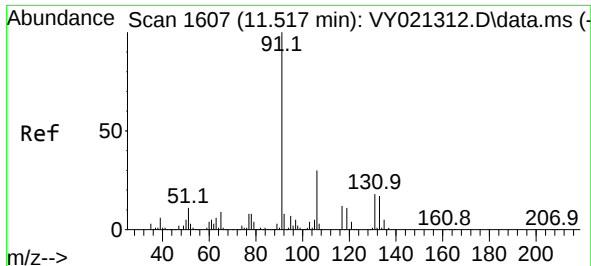
Tgt Ion:112 Resp: 293397
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.295 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:131 Resp: 104152
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 49.609 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

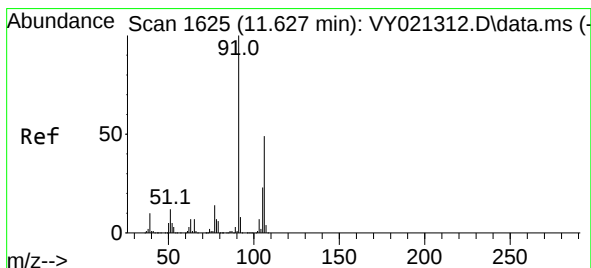
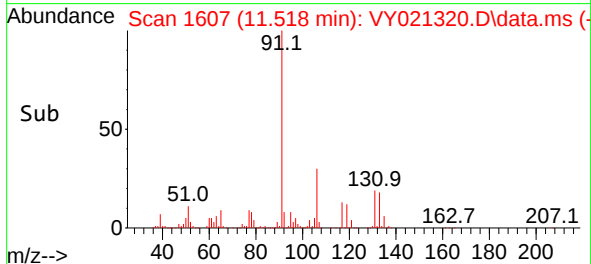
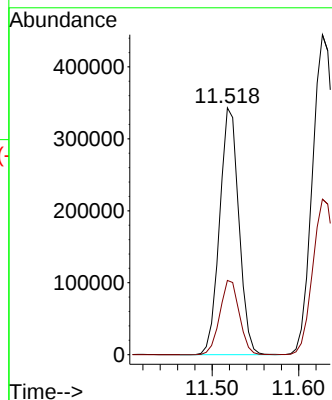
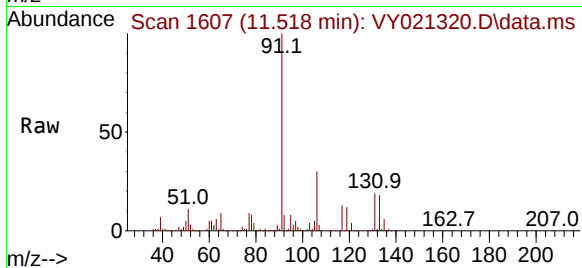
VSTDCCC050

Tgt Ion: 91 Resp: 530215

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6



#68

m/p-Xylenes

Concen: 98.298 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021320.D

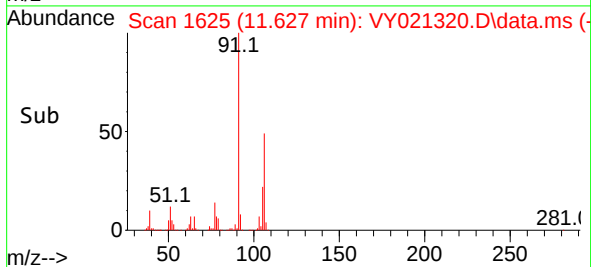
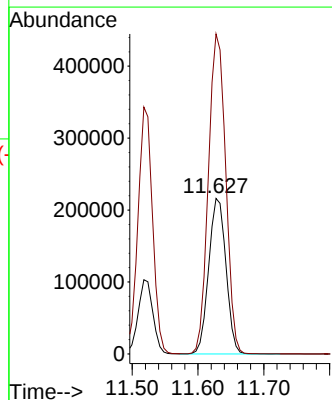
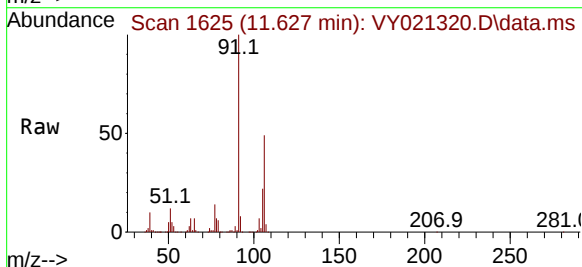
Acq: 26 Feb 2025 10:11

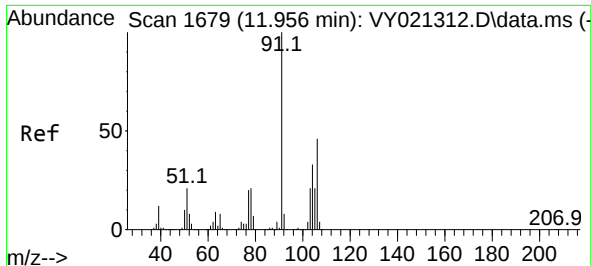
Tgt Ion:106 Resp: 395166

Ion Ratio Lower Upper

106 100

91 206.2 163.9 245.9





#69

o-Xylene

Concen: 49.676 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

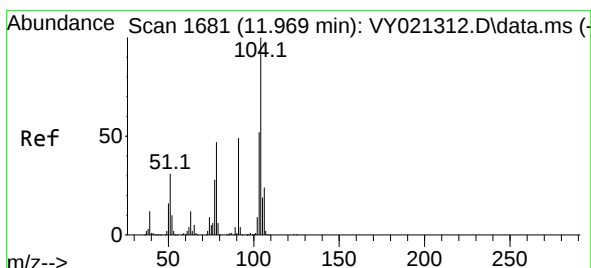
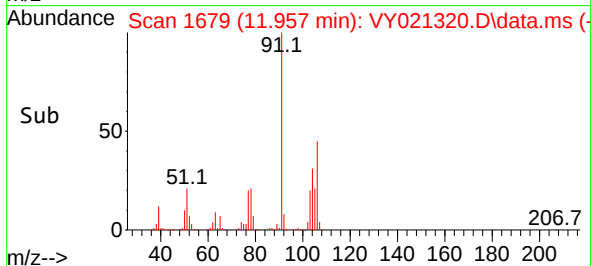
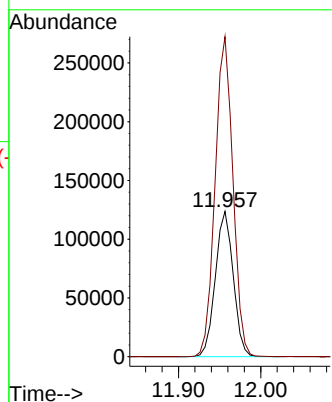
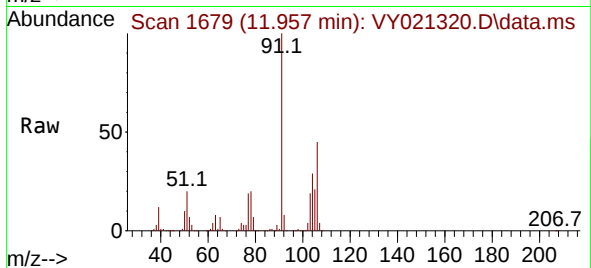
VSTDCCC050

Tgt Ion:106 Resp: 187084

Ion Ratio Lower Upper

106 100

91 219.4 108.1 324.2



#70

Styrene

Concen: 50.431 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

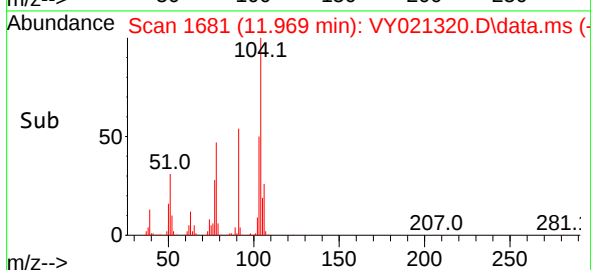
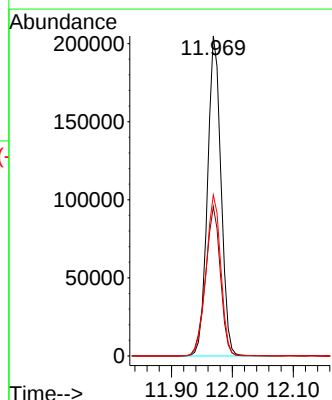
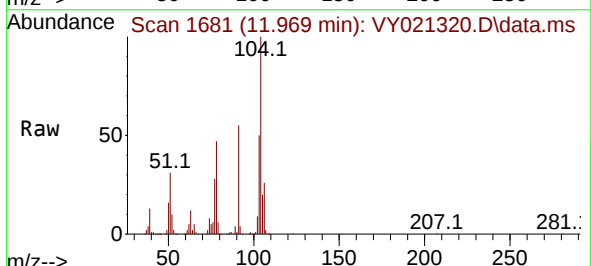
Tgt Ion:104 Resp: 316002

Ion Ratio Lower Upper

104 100

78 51.3 41.3 61.9

103 54.9 43.9 65.9





#71

Bromoform

Concen: 48.247 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

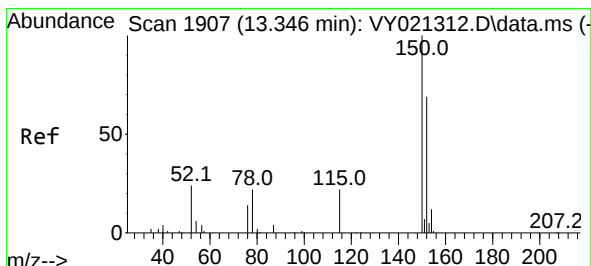
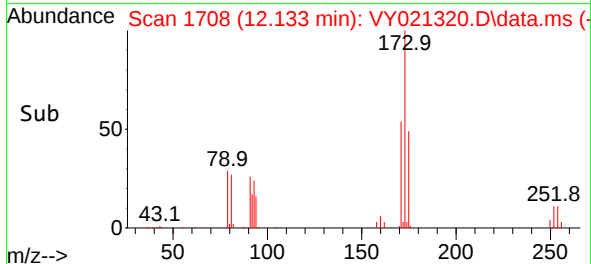
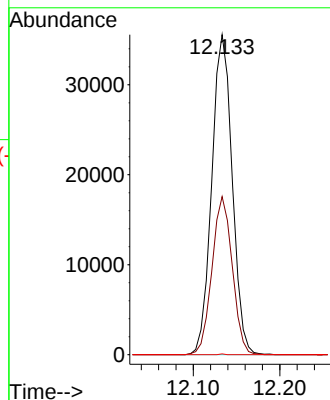
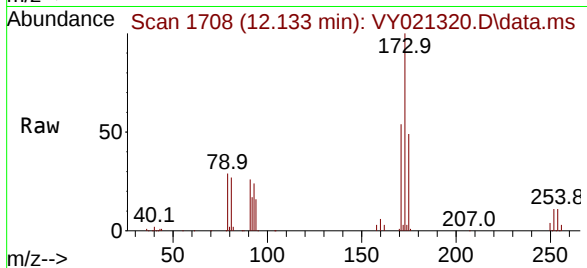
Tgt Ion:173 Resp: 58316

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: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

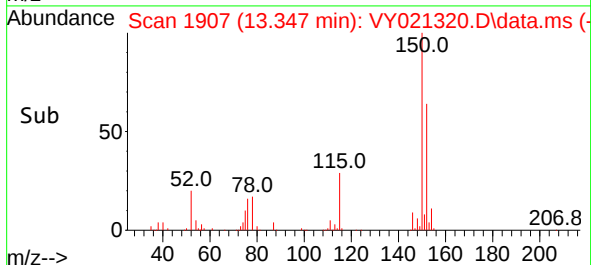
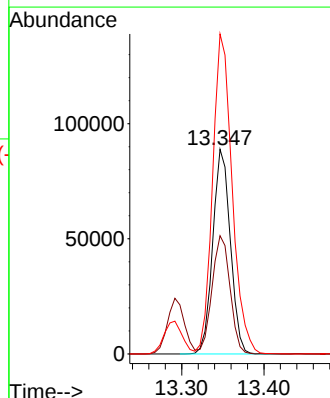
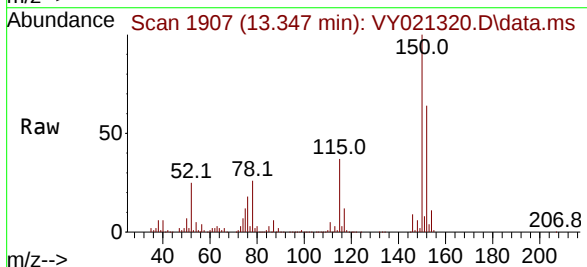
Tgt Ion:152 Resp: 131935

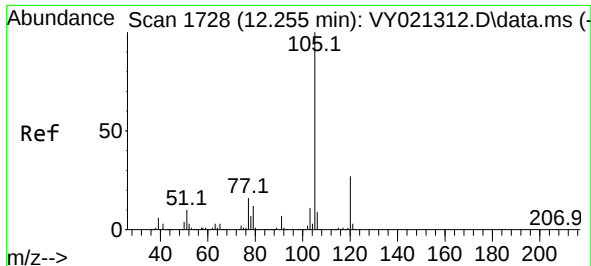
Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

150 173.7 0.0 347.4

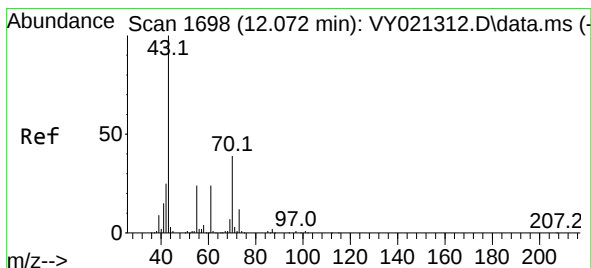
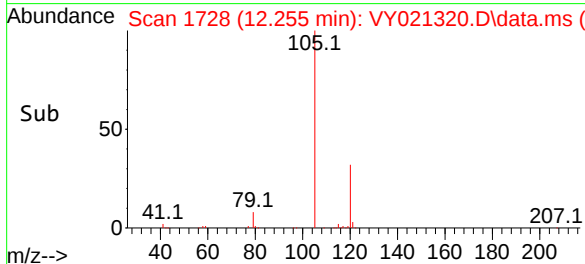
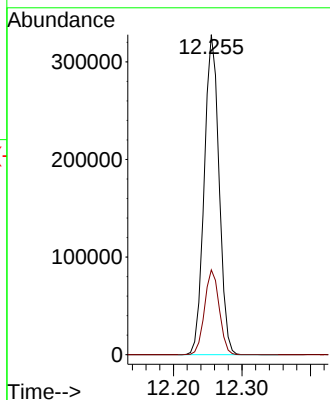
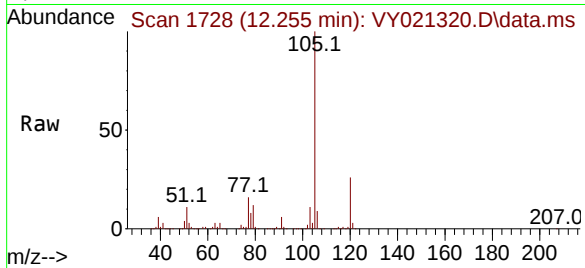




#73
Isopropylbenzene
Concen: 49.774 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

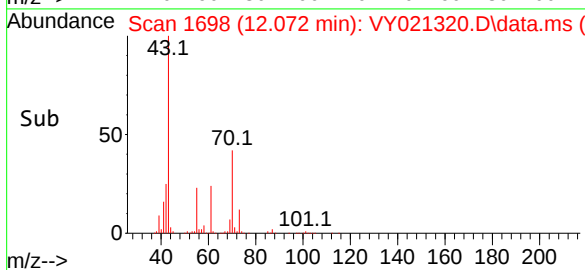
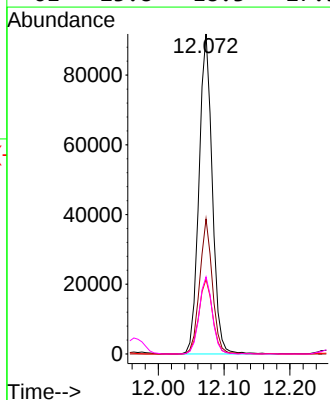
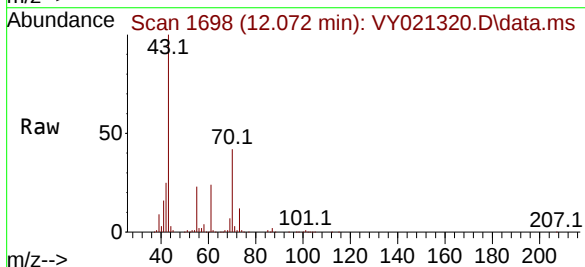
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

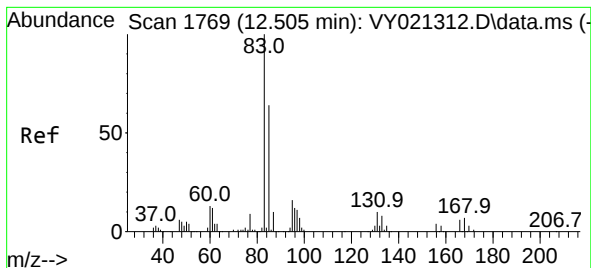
Tgt Ion:105 Resp: 493694
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 51.162 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 43 Resp: 128988
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.2
55 24.1 19.6 29.4
61 23.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.150 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

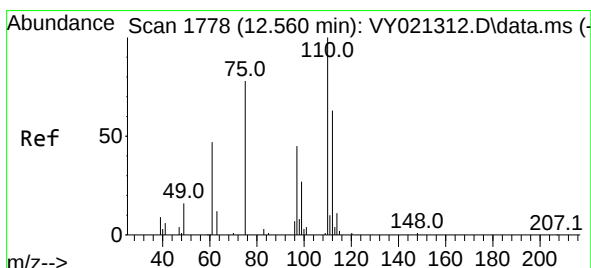
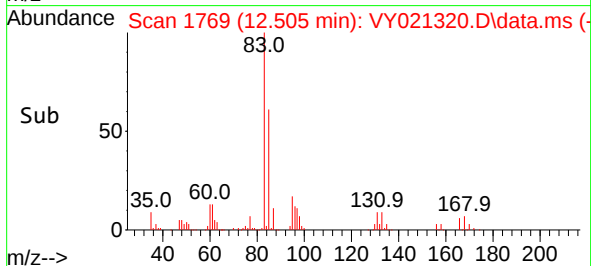
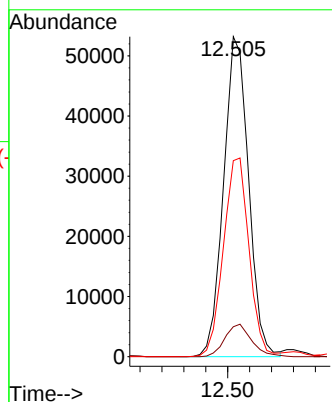
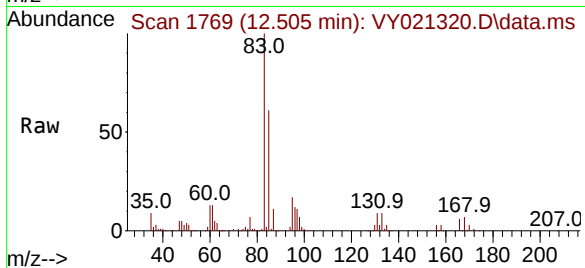
Tgt Ion: 83 Resp: 84288

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.685 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021320.D

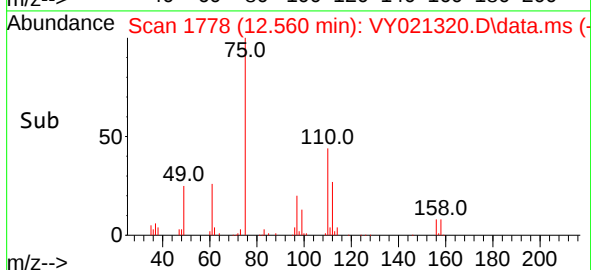
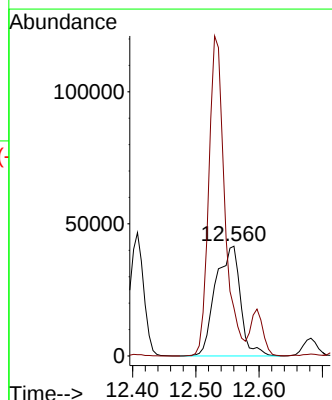
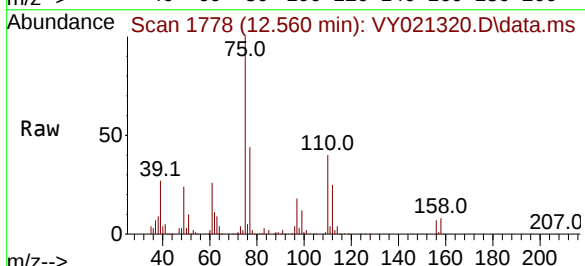
Acq: 26 Feb 2025 10:11

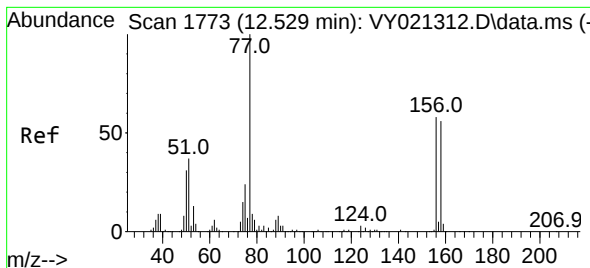
Tgt Ion: 75 Resp: 113156

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.529 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

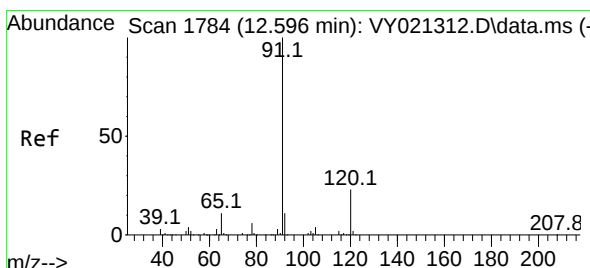
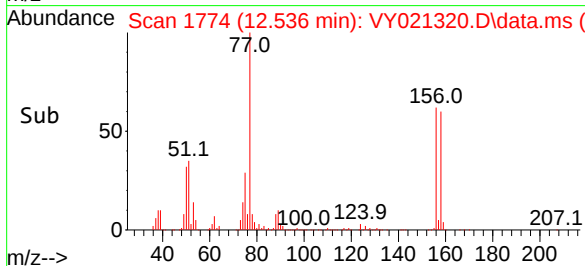
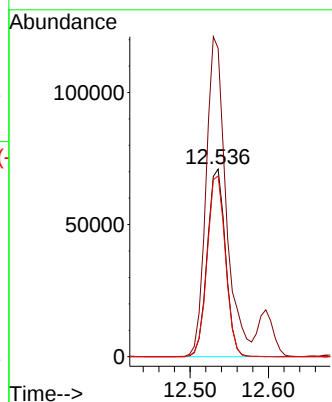
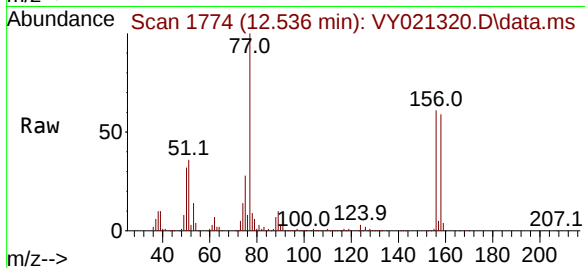
Tgt Ion:156 Resp: 114266

Ion Ratio Lower Upper

156 100

77 187.3 94.0 282.1

158 96.8 48.7 146.1



#78

n-propylbenzene

Concen: 49.510 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021320.D

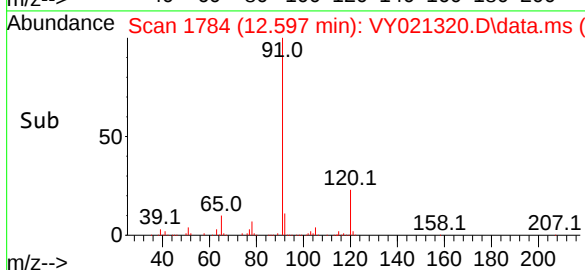
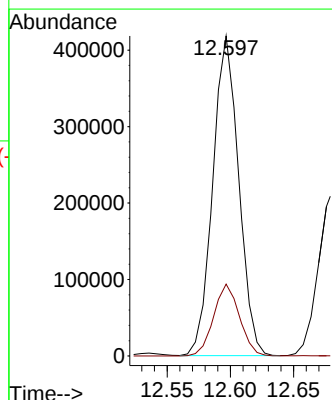
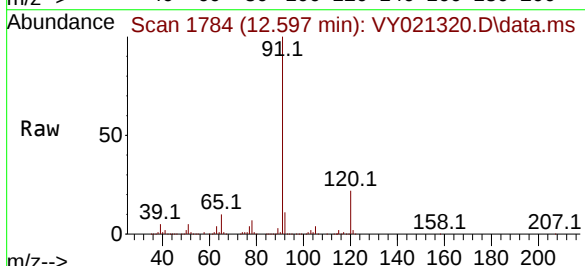
Acq: 26 Feb 2025 10:11

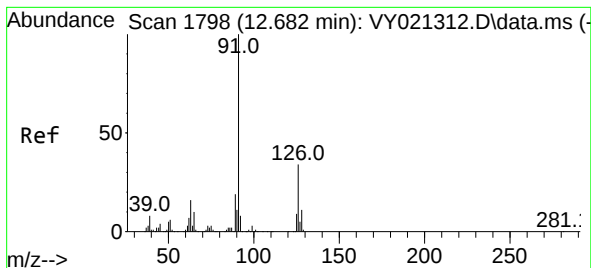
Tgt Ion: 91 Resp: 595911

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

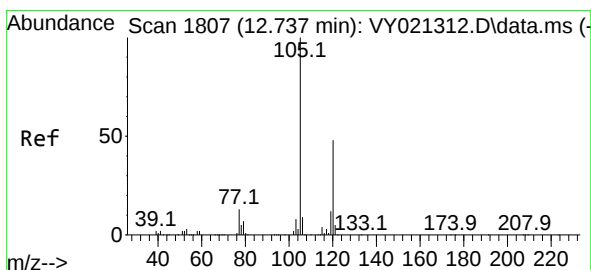
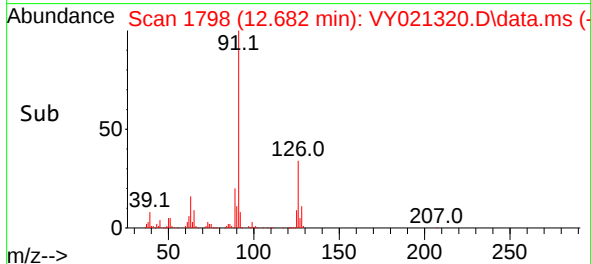
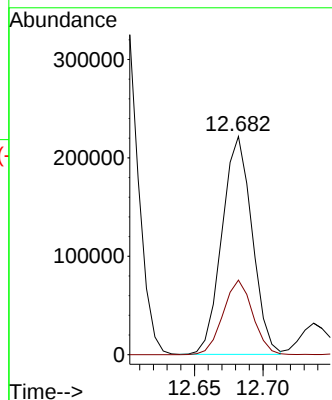
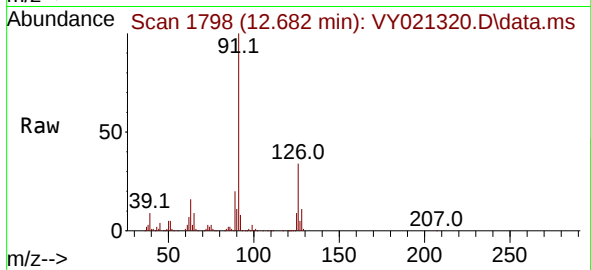




#79
2-Chlorotoluene
Concen: 49.181 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

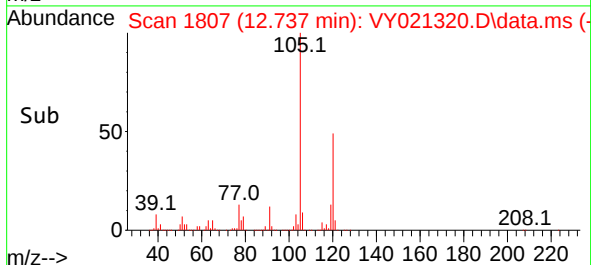
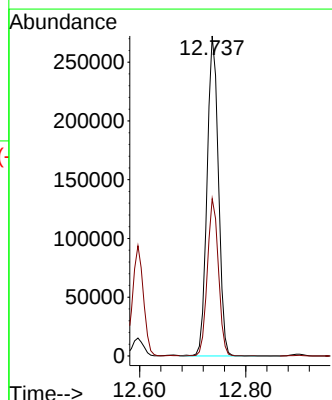
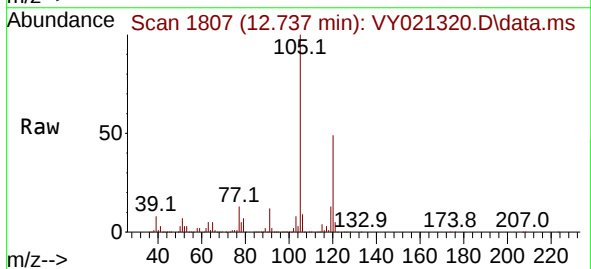
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

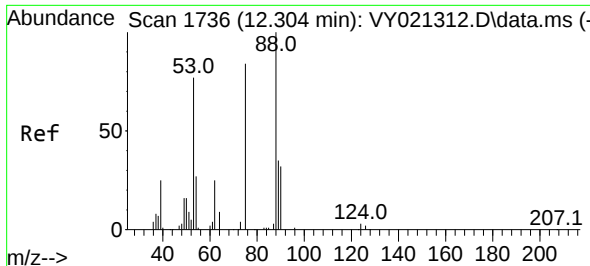
Tgt Ion: 91 Resp: 339722
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.604 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:105 Resp: 403527
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0

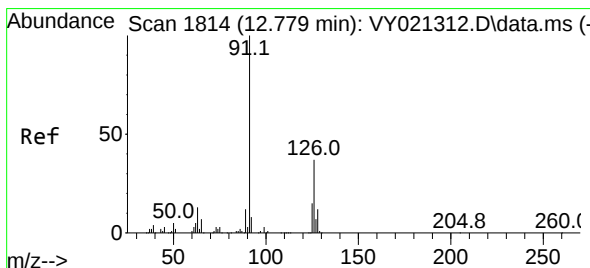
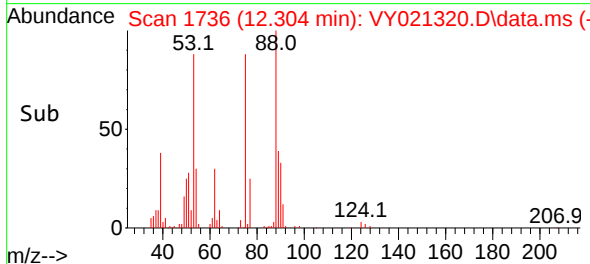
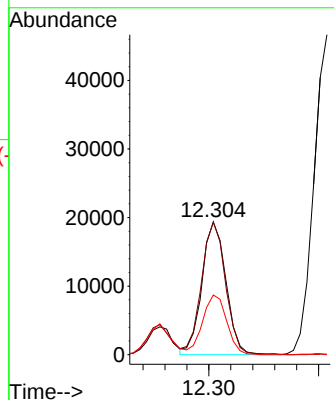
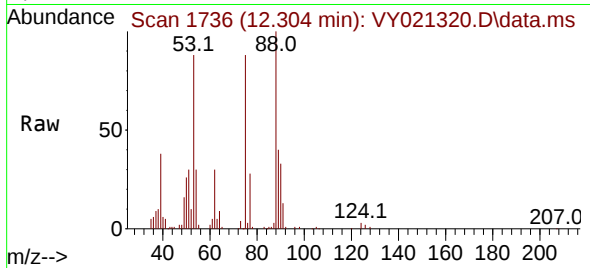




#81
trans-1,4-Dichloro-2-butene
Concen: 49.724 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

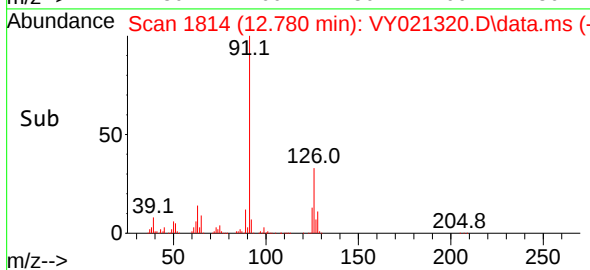
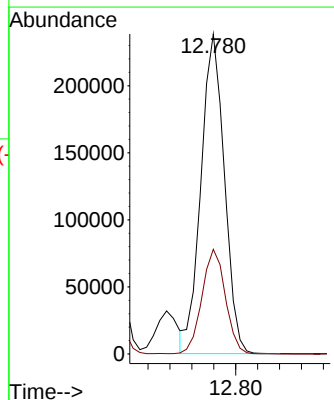
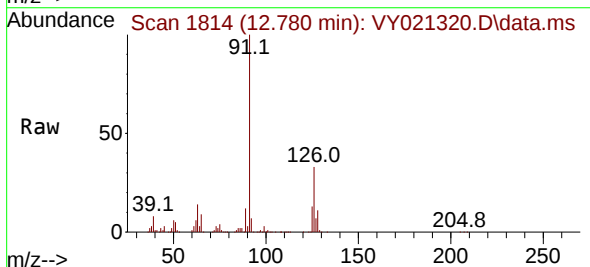
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

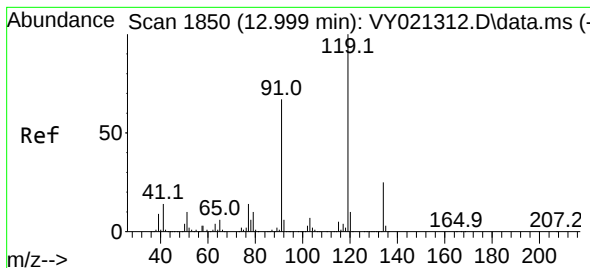
Tgt Ion: 75 Resp: 29544
Ion Ratio Lower Upper
75 100
53 100.2 79.1 118.7
89 44.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.408 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 91 Resp: 353786
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.4





#83

tert-Butylbenzene

Concen: 48.765 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

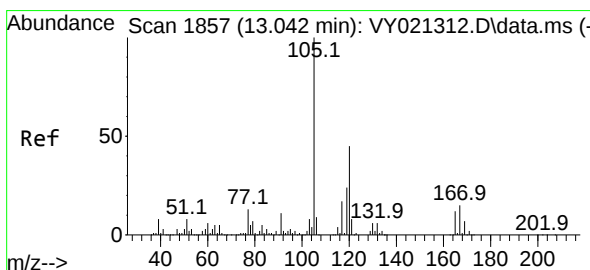
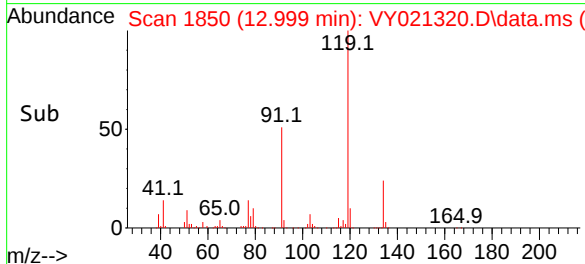
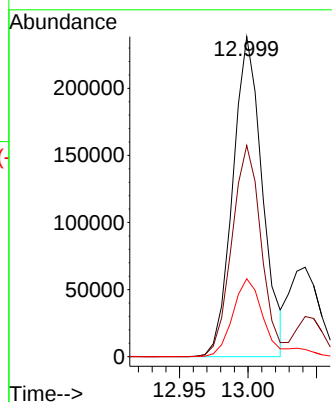
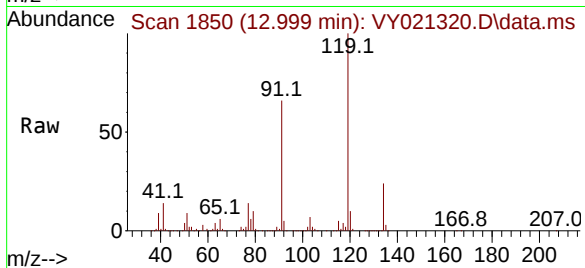
Tgt Ion:119 Resp: 358344

Ion Ratio Lower Upper

119 100

91 65.1 32.7 98.1

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.846 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021320.D

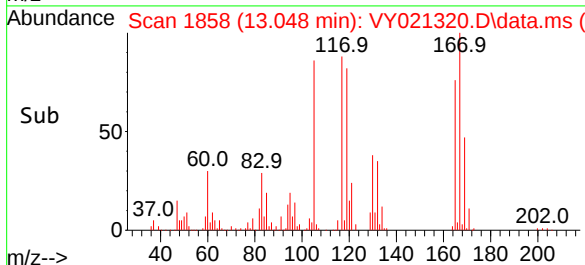
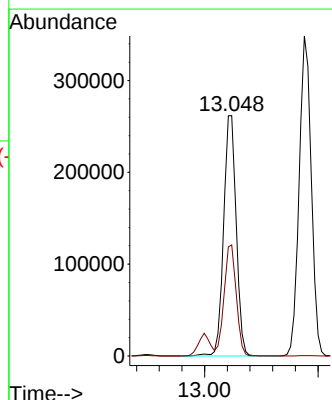
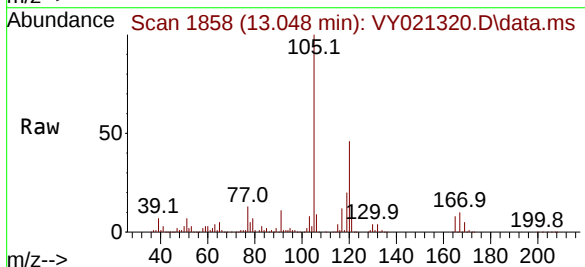
Acq: 26 Feb 2025 10:11

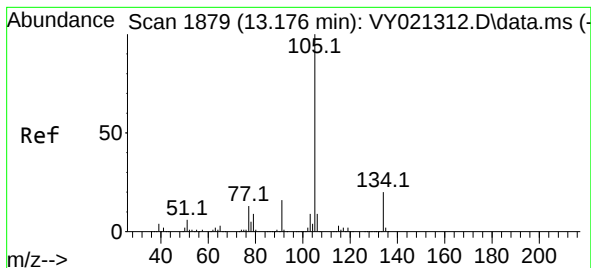
Tgt Ion:105 Resp: 403288

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 48.069 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

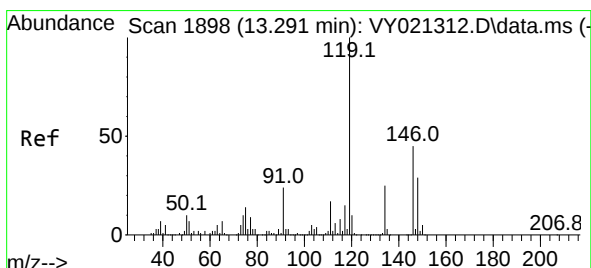
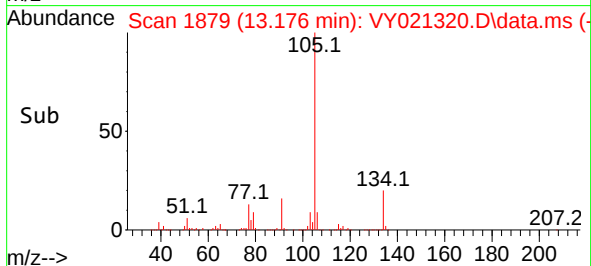
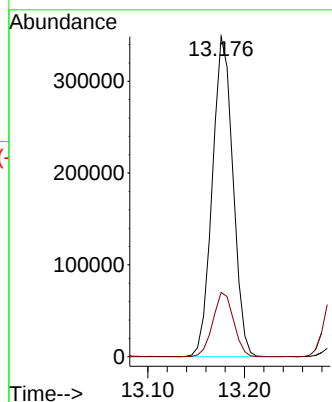
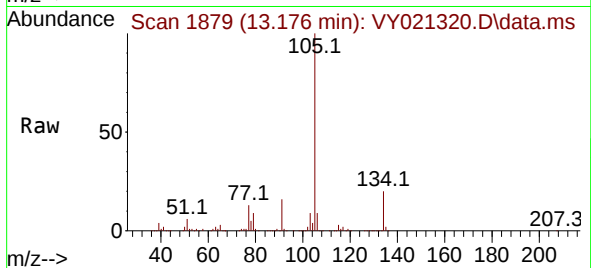
VSTDCCC050

Tgt Ion:105 Resp: 515970

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 48.594 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

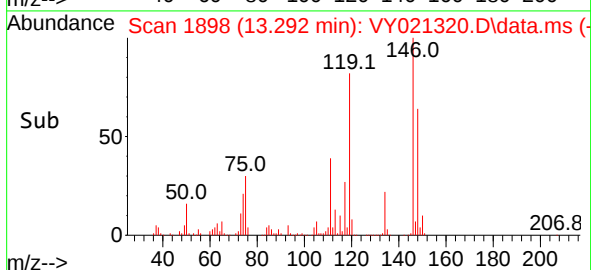
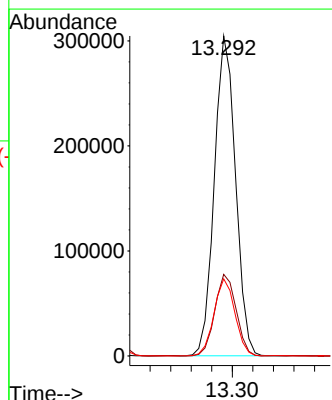
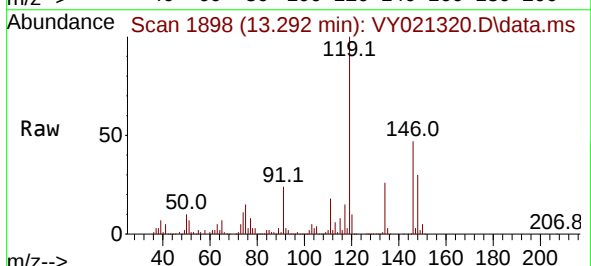
Tgt Ion:119 Resp: 435539

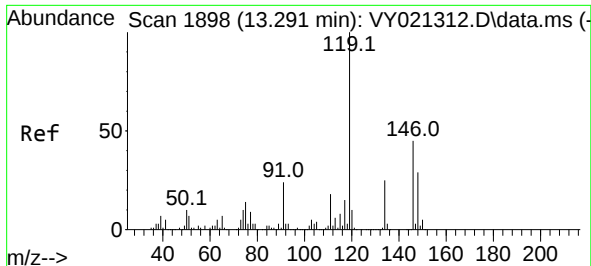
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 23.8 12.0 36.1

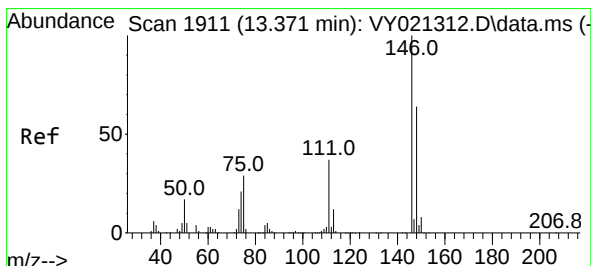
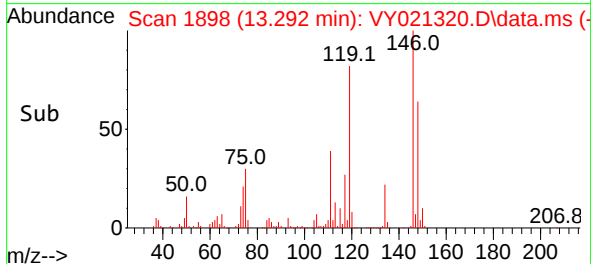
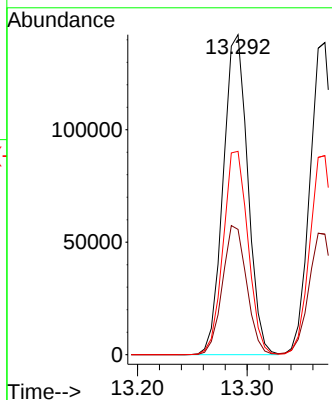
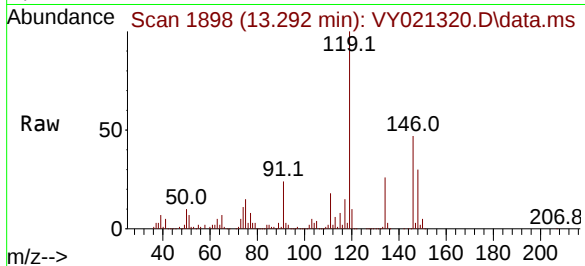




#87
1,3-Dichlorobenzene
Concen: 48.450 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

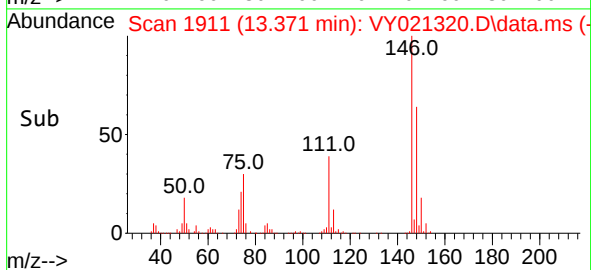
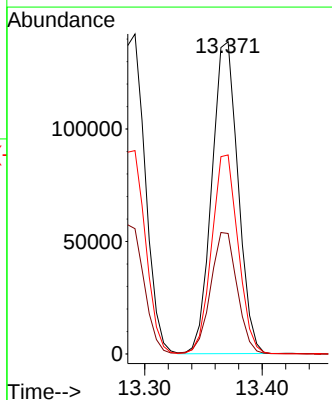
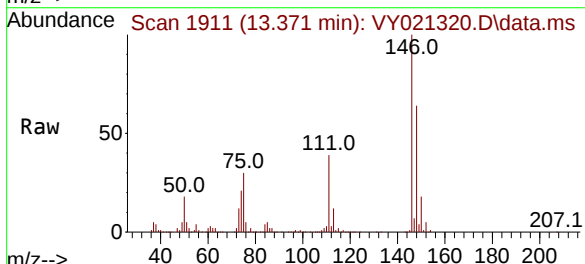
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

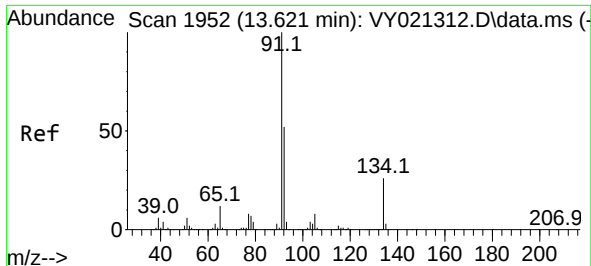
Tgt Ion:146 Resp: 221110
Ion Ratio Lower Upper
146 100
111 40.0 20.0 59.9
148 64.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.797 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:146 Resp: 215487
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 64.5 32.0 96.2

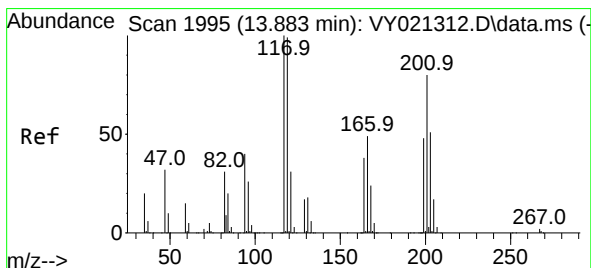
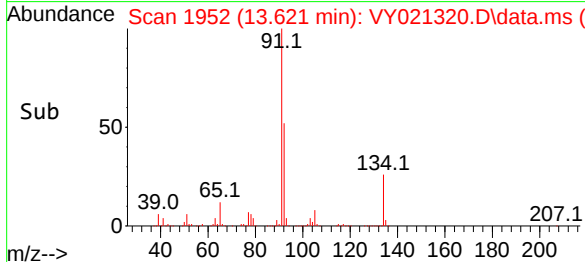
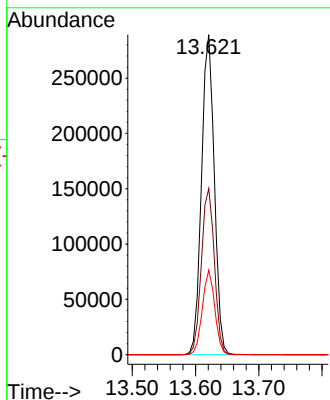
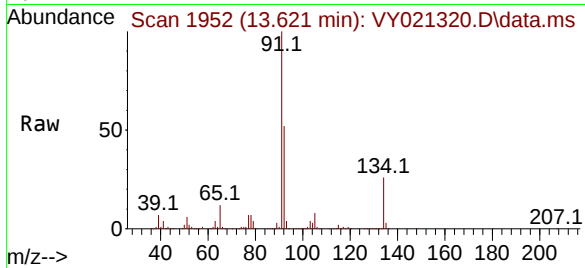




#89
n-Butylbenzene
Concen: 48.491 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

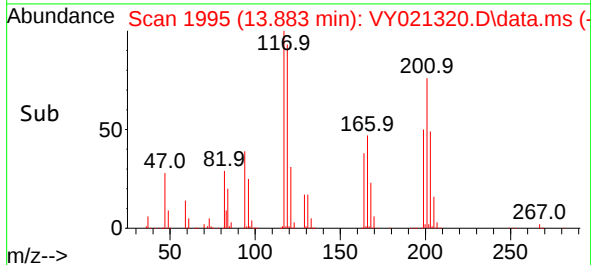
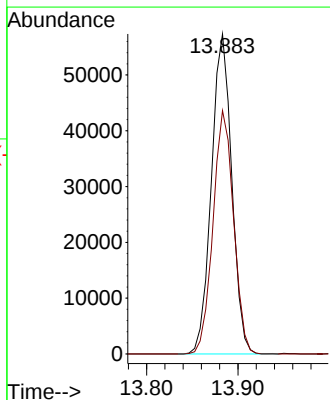
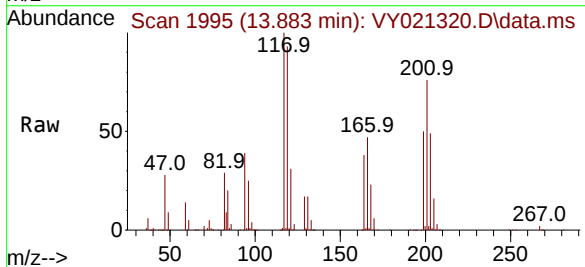
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

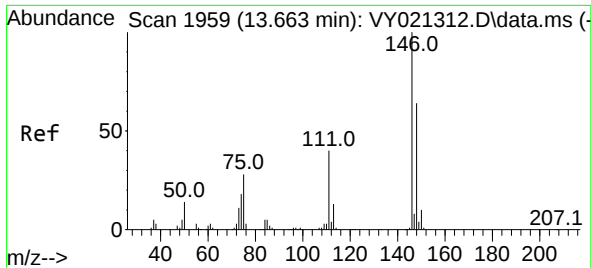
Tgt Ion: 91 Resp: 408995
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 25.6 12.7 38.0



#90
Hexachloroethane
Concen: 47.306 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 117 Resp: 88564
Ion Ratio Lower Upper
117 100
201 76.8 38.4 115.2

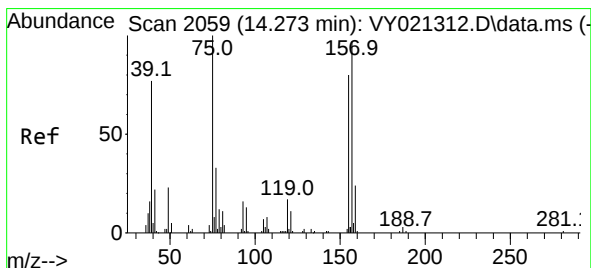
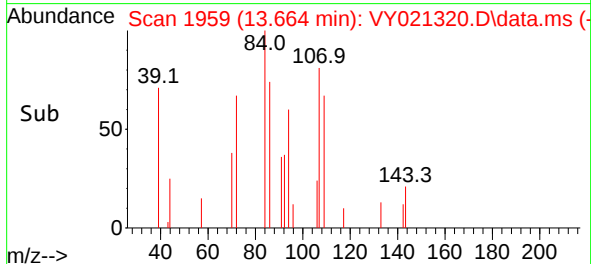
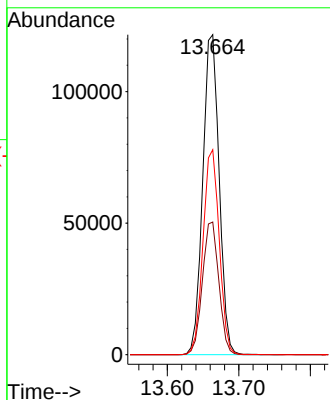
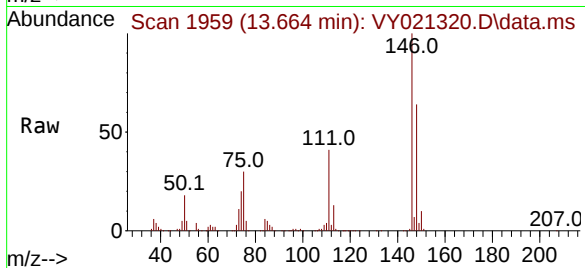




#91
1,2-Dichlorobenzene
Concen: 48.457 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

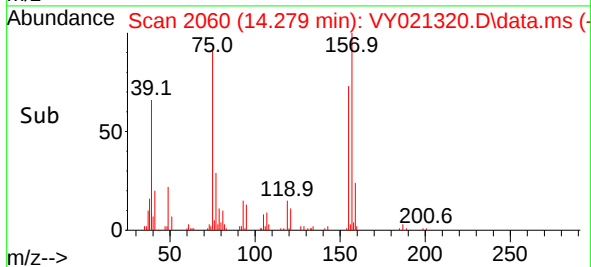
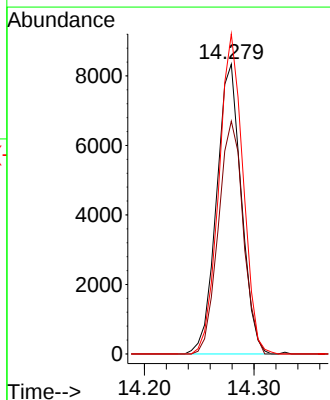
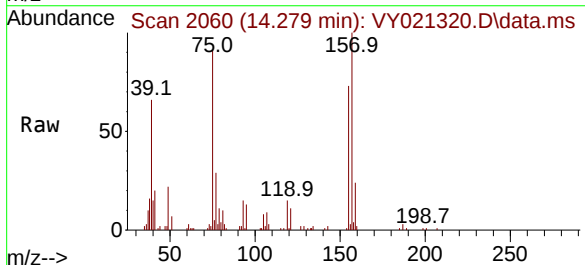
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

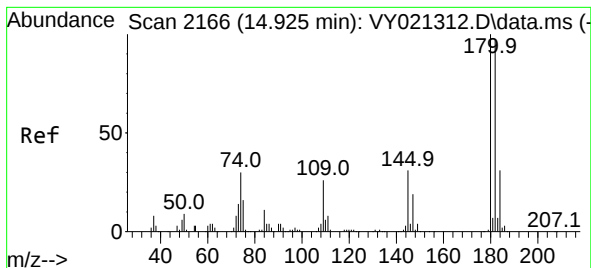
Tgt Ion:146 Resp: 193750
Ion Ratio Lower Upper
146 100
111 41.6 20.7 62.1
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.306 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion: 75 Resp: 13100
Ion Ratio Lower Upper
75 100
155 80.5 41.9 125.6
157 107.7 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 47.769 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

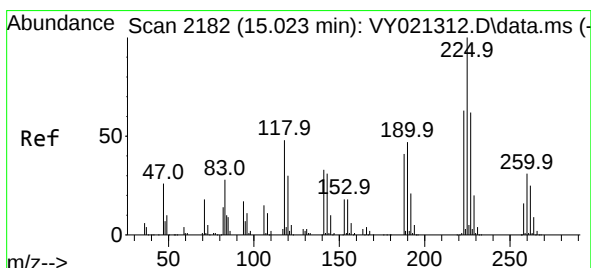
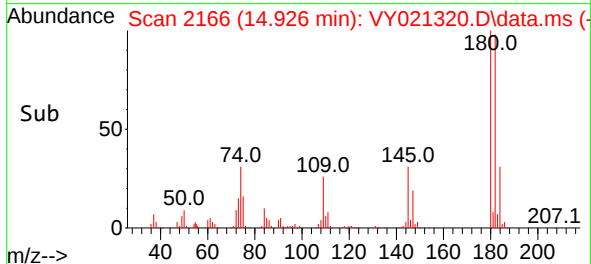
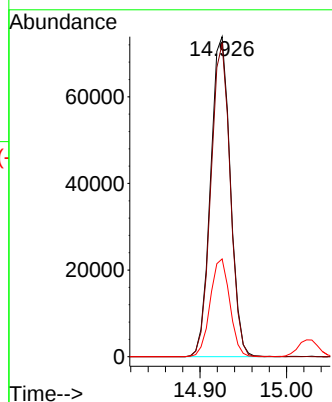
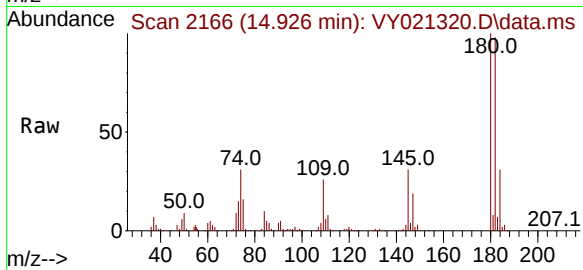
Tgt Ion:180 Resp: 116572

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 30.4 15.6 46.8



#94

Hexachlorobutadiene

Concen: 45.603 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021320.D

Acq: 26 Feb 2025 10:11

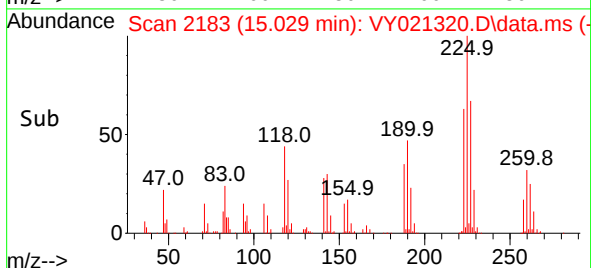
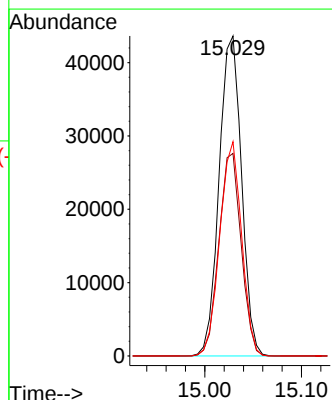
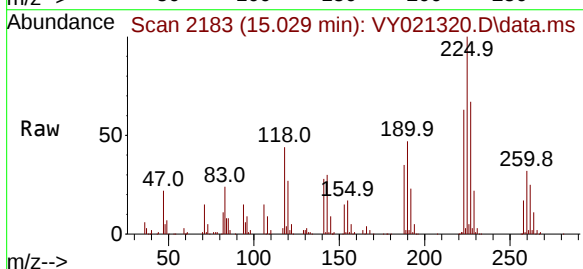
Tgt Ion:225 Resp: 70063

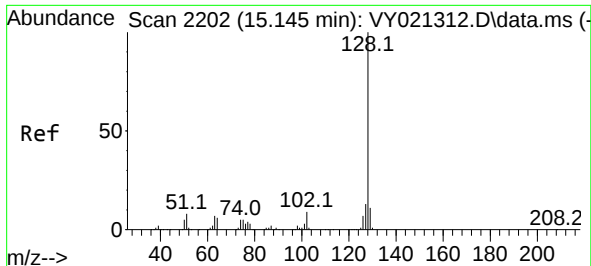
Ion Ratio Lower Upper

225 100

223 63.0 31.8 95.4

227 65.3 31.9 95.7

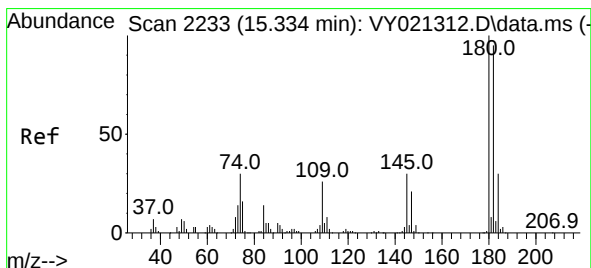
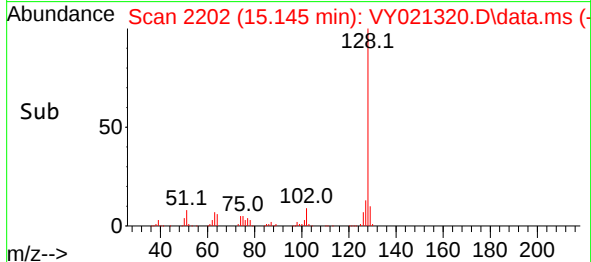
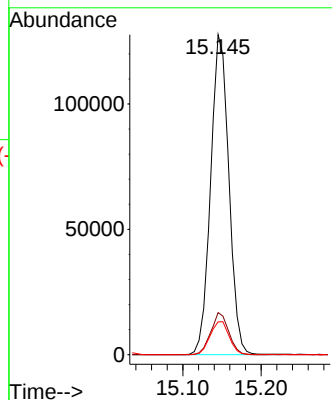
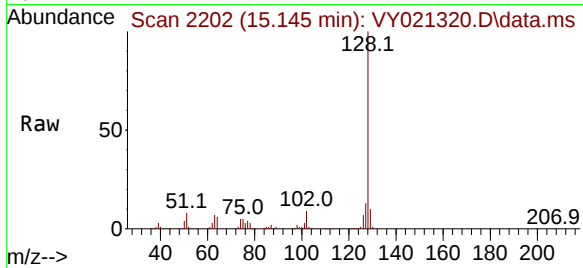




#95
Naphthalene
Concen: 50.937 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 205892
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 47.779 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021320.D
Acq: 26 Feb 2025 10:11

Tgt Ion:180 Resp: 98515
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 32.2 16.1 48.3

