

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021955.D
 Acq On : 22 Apr 2025 15:07
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 23 02:10:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	302781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	443014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	236548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55629	19.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.780%#		
35) Dibromofluoromethane	7.634	113	63419	20.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.000%#		
50) Toluene-d8	10.103	98	232431	19.446	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.900%#		
62) 4-Bromofluorobenzene	12.408	95	77034	19.144	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	49065	19.018	ug/l	94
3) Chloromethane	2.062	50	76990	20.957	ug/l	99
4) Vinyl Chloride	2.202	62	91757	20.326	ug/l	100
5) Bromomethane	2.586	94	81602	20.981	ug/l	95
6) Chloroethane	2.726	64	63501	20.654	ug/l	99
7) Trichlorofluoromethane	3.050	101	119529	20.079	ug/l	97
8) Diethyl Ether	3.452	74	30609	19.755	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	64172	19.872	ug/l	99
10) Methyl Iodide	4.001	142	73189	19.575	ug/l	100
11) Tert butyl alcohol	4.866	59	16584	108.012	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	58505	19.437	ug/l	97
13) Acrolein	3.653	56	30883	112.069	ug/l	98
14) Allyl chloride	4.379	41	67622	19.294	ug/l	99
15) Acrylonitrile	5.061	53	59926	105.648	ug/l	98
16) Acetone	3.873	43	40190	96.689	ug/l	94
17) Carbon Disulfide	4.098	76	189988	19.796	ug/l	95
18) Methyl Acetate	4.385	43	27988	21.423	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	133523	19.820	ug/l	98
20) Methylene Chloride	4.610	84	69571	19.673	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	64547	19.148	ug/l	92
22) Diisopropyl ether	6.012	45	159414	20.439	ug/l	96
23) Vinyl Acetate	5.958	43	424128	100.901	ug/l	100
24) 1,1-Dichloroethane	5.915	63	108156	20.006	ug/l	99
25) 2-Butanone	6.896	43	65464	102.688	ug/l	96
26) 2,2-Dichloropropane	6.878	77	92415	19.503	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	73114	19.398	ug/l	97
28) Bromochloromethane	7.244	49	44154	21.027	ug/l	99
29) Tetrahydrofuran	7.262	42	43665	105.459	ug/l	99
30) Chloroform	7.421	83	117934	19.666	ug/l	97
31) Cyclohexane	7.701	56	89380	19.333	ug/l	91
32) 1,1,1-Trichloroethane	7.610	97	108468	19.993	ug/l	98
36) 1,1-Dichloropropene	7.835	75	81459	19.127	ug/l	99
37) Ethyl Acetate	6.982	43	31319	20.755	ug/l	99
38) Carbon Tetrachloride	7.817	117	98308	19.318	ug/l	98
39) Methylcyclohexane	9.109	83	99570	18.578	ug/l	95
40) Benzene	8.079	78	259371	19.482	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	42291	50.560	ug/l #	29
42) 1,2-Dichloroethane	8.158	62	67235	20.398	ug/l	100
43) Isopropyl Acetate	8.195	43	60204	20.495	ug/l #	87
44) Trichloroethene	8.866	130	70896	19.226	ug/l	96
45) 1,2-Dichloropropane	9.140	63	57934	19.678	ug/l	98
46) Dibromomethane	9.225	93	36893	20.018	ug/l	97
47) Bromodichloromethane	9.420	83	89049	19.341	ug/l	99
48) Methyl methacrylate	9.219	41	28211	20.775	ug/l	97
49) 1,4-Dioxane	9.237	88	8497	432.566	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	159902	103.844	ug/l	99
52) Toluene	10.170	92	168035	19.499	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	76629	19.404	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	92726	19.753	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	50105	20.353	ug/l	99
56) Ethyl methacrylate	10.438	69	55703	19.786	ug/l	99
57) 1,3-Dichloropropane	10.713	76	77652	19.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	140435	102.027	ug/l	99
59) 2-Hexanone	10.762	43	104321	102.714	ug/l	98
60) Dibromochloromethane	10.908	129	67988	19.948	ug/l	99
61) 1,2-Dibromoethane	11.012	107	46699	20.093	ug/l	98
64) Tetrachloroethene	10.646	164	81915	19.600	ug/l	98
65) Chlorobenzene	11.438	112	186901	18.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	66586	19.091	ug/l	99
67) Ethyl Benzene	11.518	91	304501	18.789	ug/l	99
68) m/p-Xylenes	11.627	106	247677	38.407	ug/l	99
69) o-Xylene	11.956	106	112603	18.945	ug/l	100
70) Styrene	11.969	104	191106	19.149	ug/l	99
71) Bromoform	12.133	173	39690	19.573	ug/l #	98
73) Isopropylbenzene	12.255	105	293481	18.570	ug/l	100
74) N-amyl acetate	12.072	43	52325	19.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	52524	19.713	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	69448	33.319	ug/l #	100
77) Bromobenzene	12.530	156	73838	18.490	ug/l	97
78) n-propylbenzene	12.597	91	357438	18.992	ug/l	99
79) 2-Chlorotoluene	12.676	91	206212	18.840	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	247372	18.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	16123	19.163	ug/l	96
82) 4-Chlorotoluene	12.773	91	214776	18.876	ug/l	100
83) tert-Butylbenzene	12.999	119	214149	18.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	248902	19.110	ug/l	99
85) sec-Butylbenzene	13.176	105	322522	18.873	ug/l	100
86) p-Isopropyltoluene	13.292	119	271440	18.706	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	150873	18.602	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	151864	18.905	ug/l	99
89) n-Butylbenzene	13.615	91	240816	18.566	ug/l	98
90) Hexachloroethane	13.877	117	58060	18.211	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	135650	19.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8864	20.910	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	74289	18.532	ug/l	99
94) Hexachlorobutadiene	15.023	225	45722	18.538	ug/l	98
95) Naphthalene	15.145	128	121454	18.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	64735	18.707	ug/l	98

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ClientSampleId :
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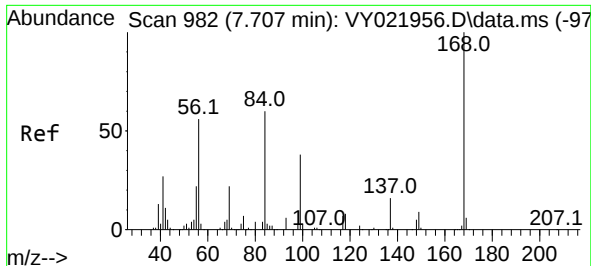
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

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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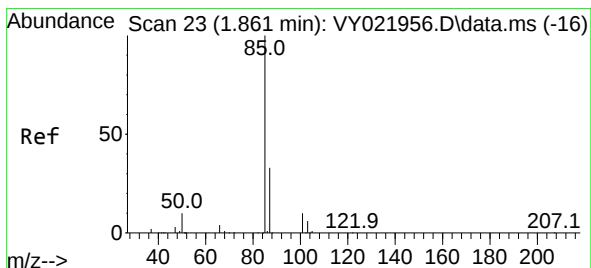
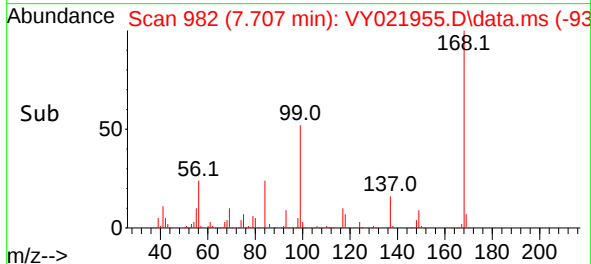
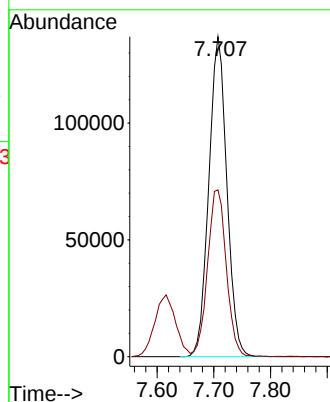
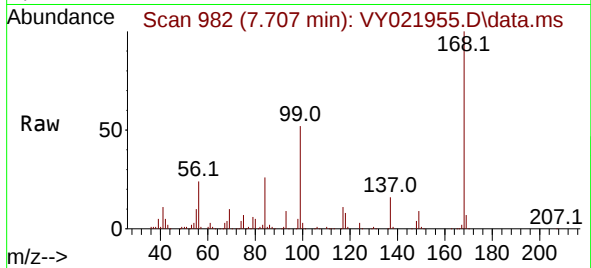




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

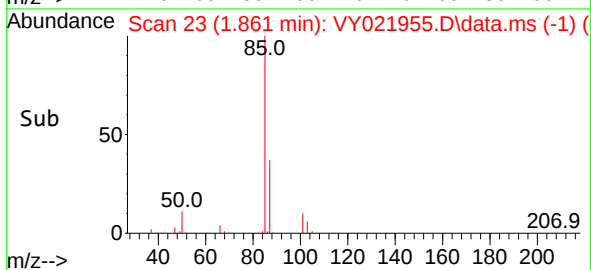
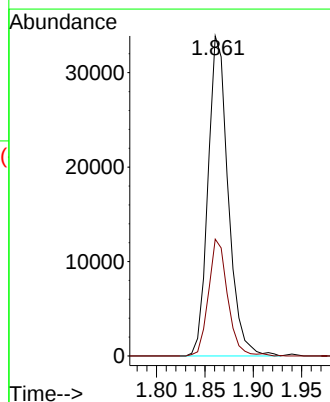
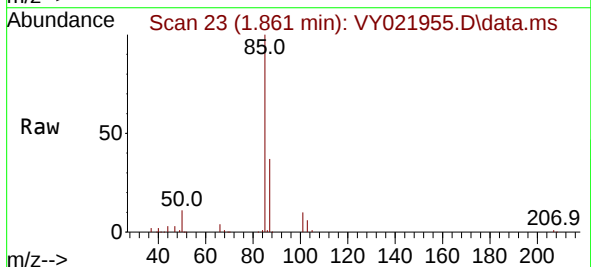
Instrument :
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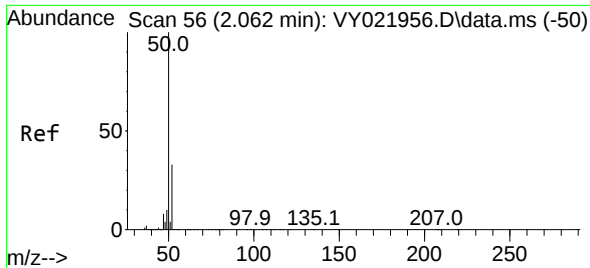
Tgt Ion:168 Resp: 302781
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.018 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 85 Resp: 49065
Ion Ratio Lower Upper
85 100
87 36.5 16.6 49.7

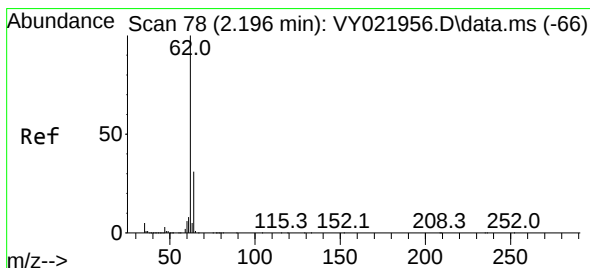
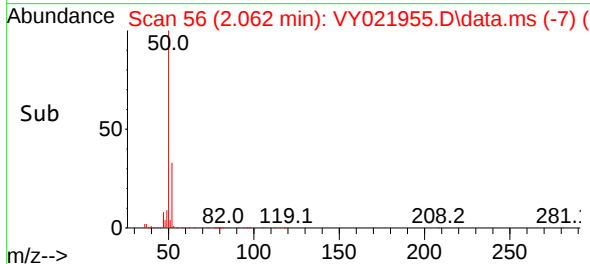
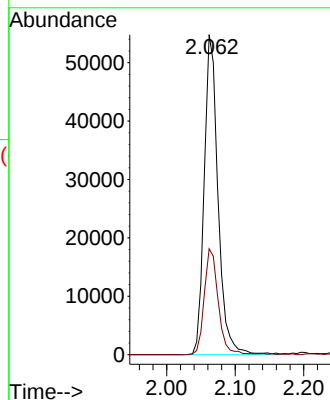
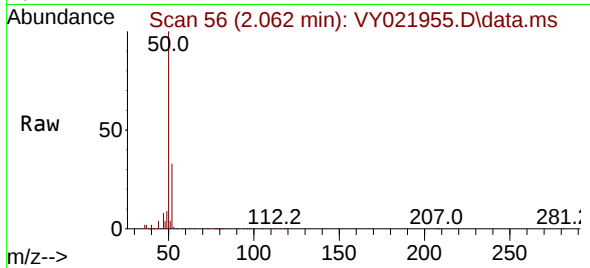




#3
Chloromethane
Concen: 20.957 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

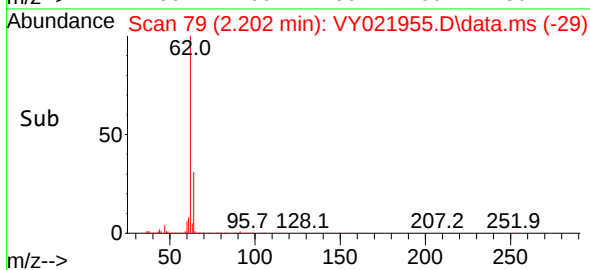
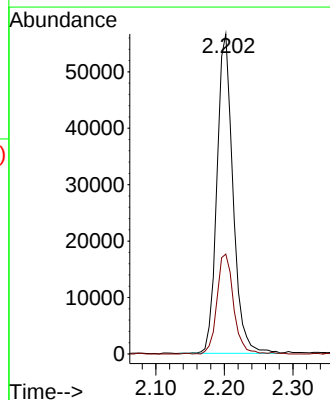
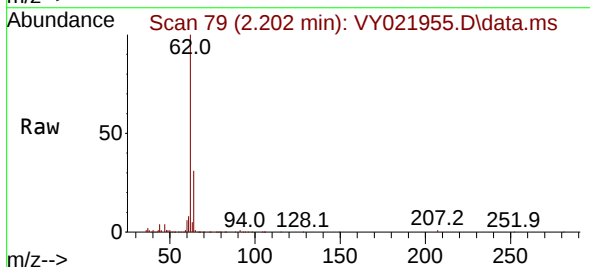
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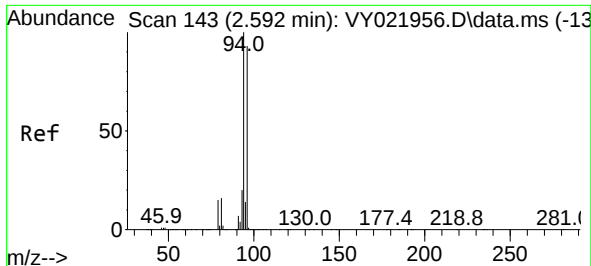
Tgt Ion: 50 Resp: 76990
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 20.326 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 62 Resp: 91757
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7

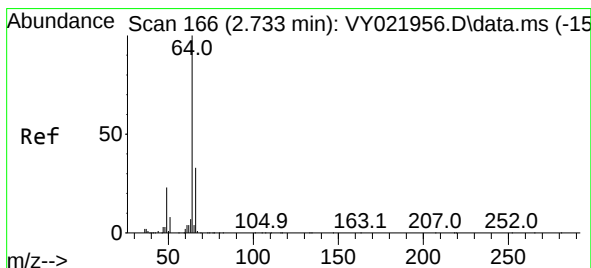
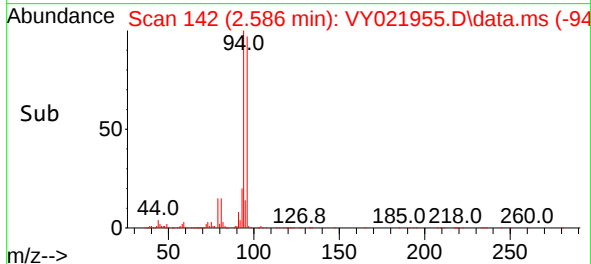
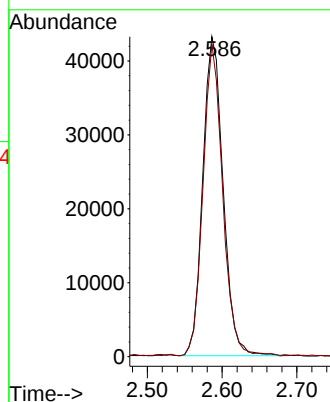
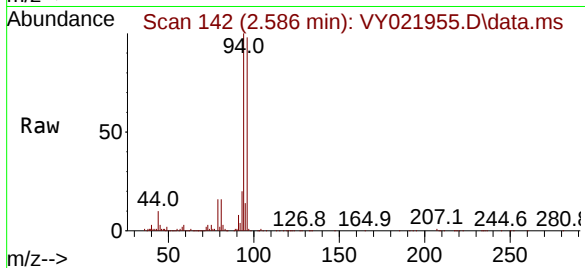




#5
Bromomethane
Concen: 20.981 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

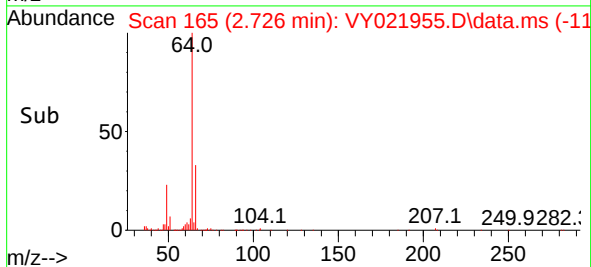
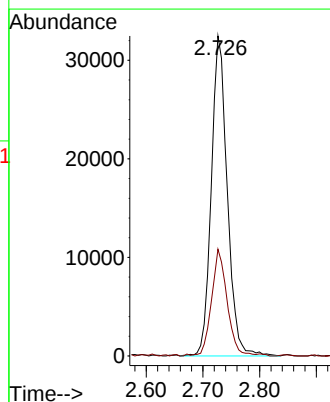
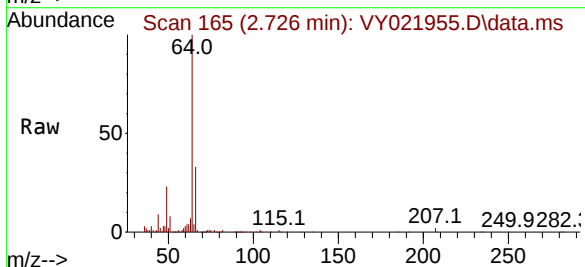
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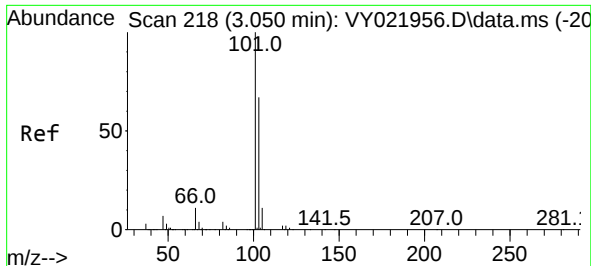
Tgt Ion: 94 Resp: 81602
Ion Ratio Lower Upper
94 100
96 97.7 74.6 111.8



#6
Chloroethane
Concen: 20.654 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 64 Resp: 63501
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4

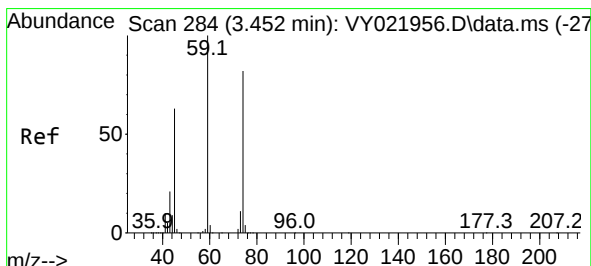
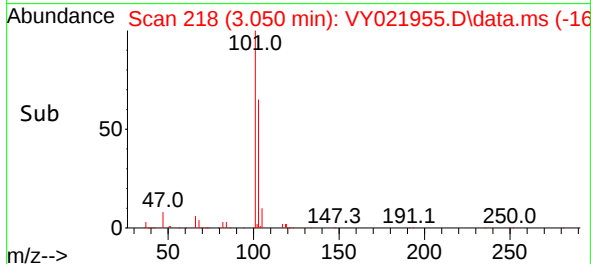
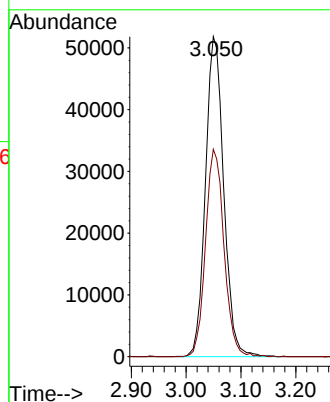
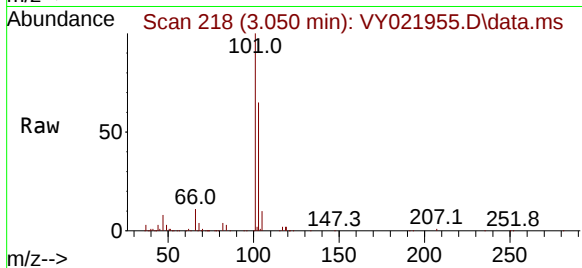




#7
Trichlorofluoromethane
Concen: 20.079 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

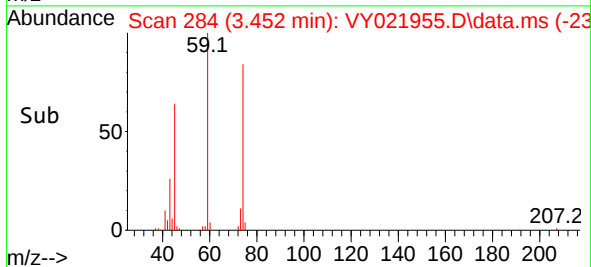
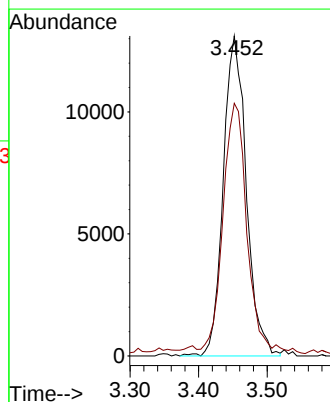
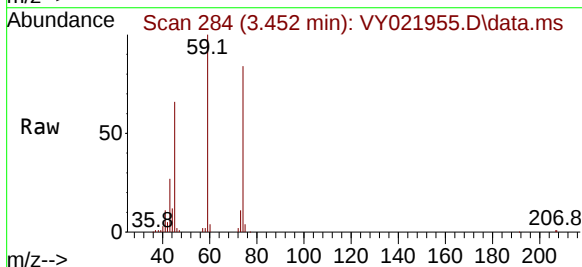
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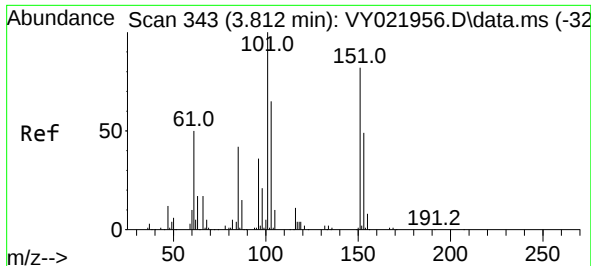
Tgt Ion:101 Resp: 119529
Ion Ratio Lower Upper
101 100
103 64.8 53.6 80.4



#8
Diethyl Ether
Concen: 19.755 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 74 Resp: 30609
Ion Ratio Lower Upper
74 100
45 81.9 39.1 117.5

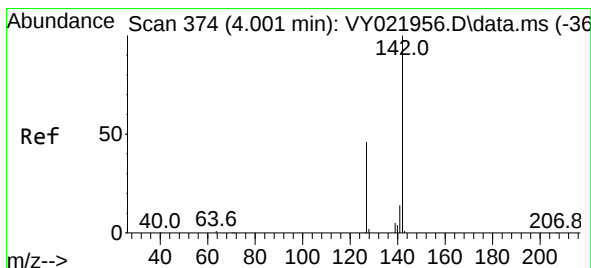
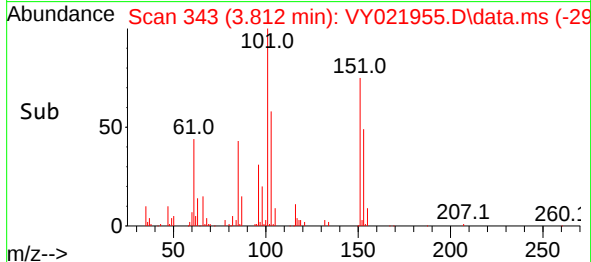
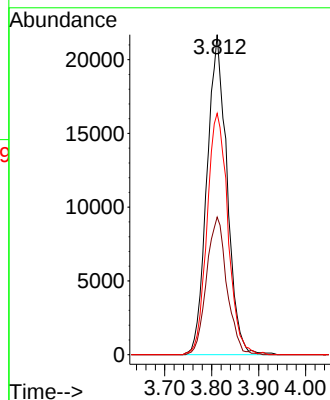
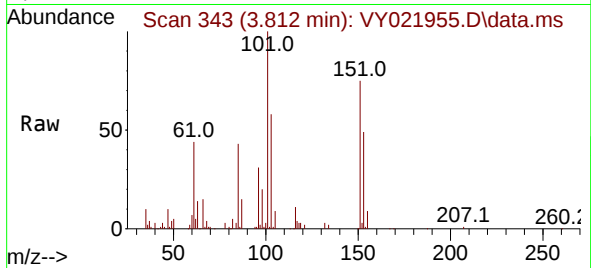




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.872 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

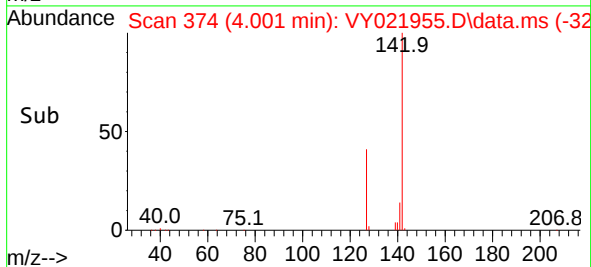
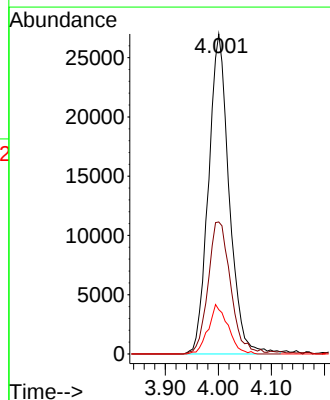
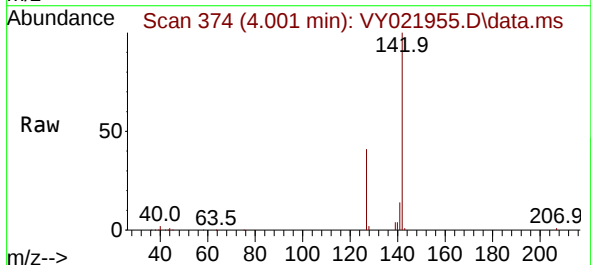
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

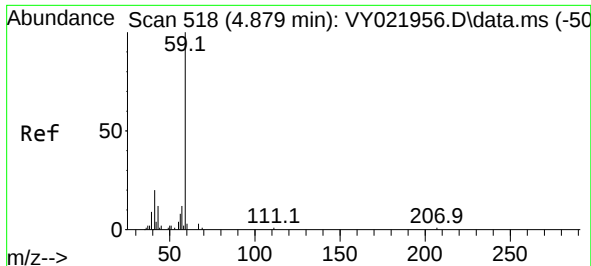
Tgt Ion:101 Resp: 64172
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 78.5 63.7 95.5



#10
Methyl Iodide
Concen: 19.575 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:142 Resp: 73189
Ion Ratio Lower Upper
142 100
127 44.9 36.2 54.2
141 14.8 11.7 17.5

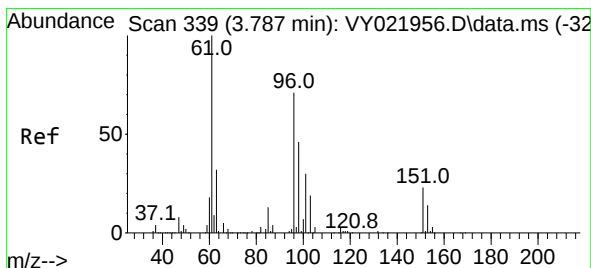
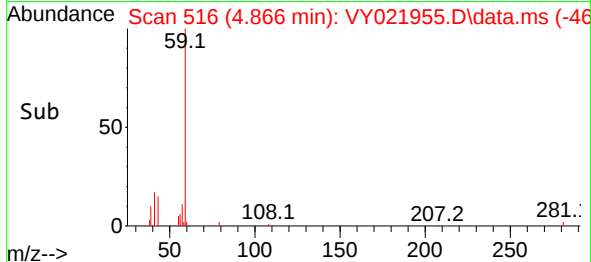
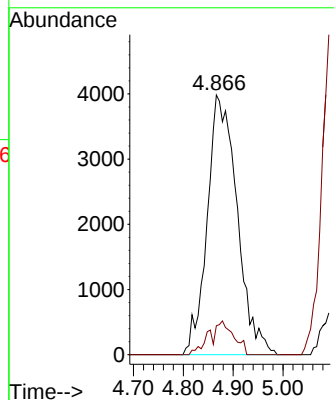
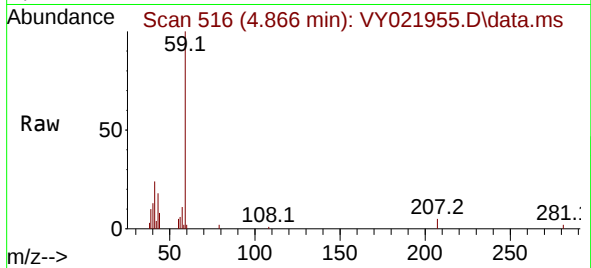




#11
Tert butyl alcohol
Concen: 108.012 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

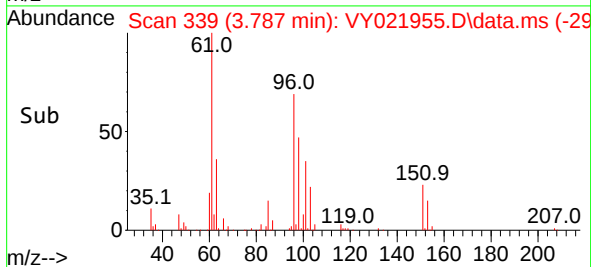
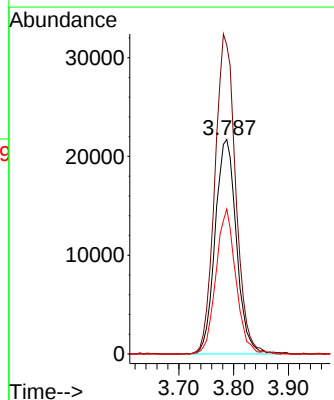
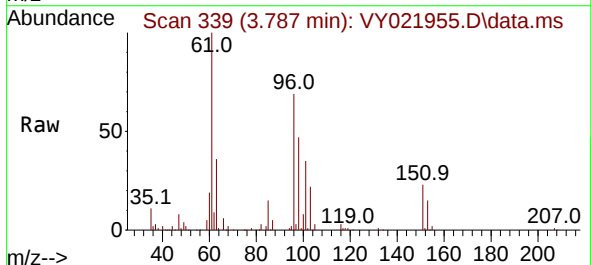
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

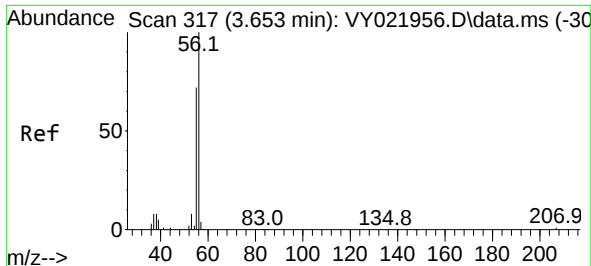
Tgt Ion: 59 Resp: 16584
Ion Ratio Lower Upper
59 100
57 7.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 19.437 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 96 Resp: 58505
Ion Ratio Lower Upper
96 100
61 144.0 113.0 169.4
98 67.6 51.4 77.2

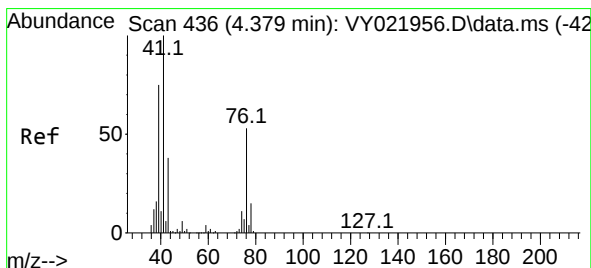
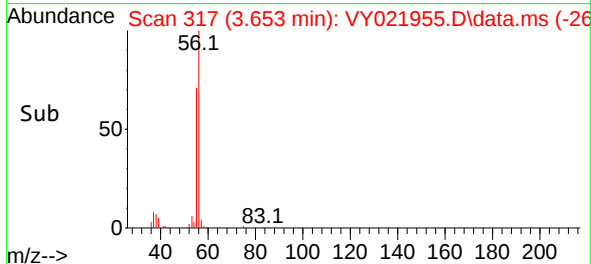
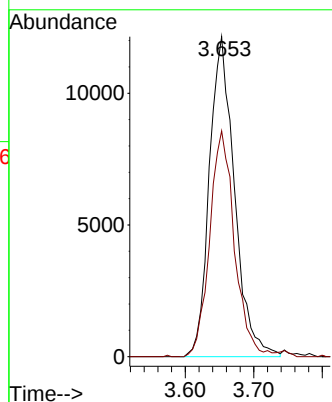
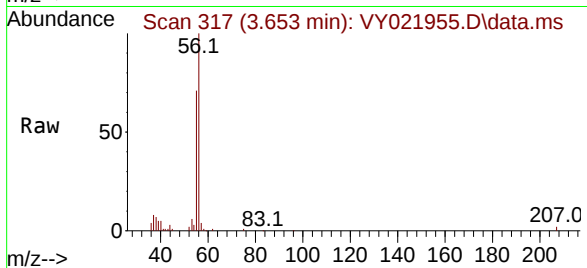




#13
Acrolein
Concen: 112.069 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

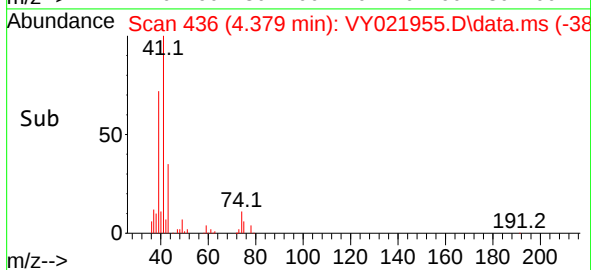
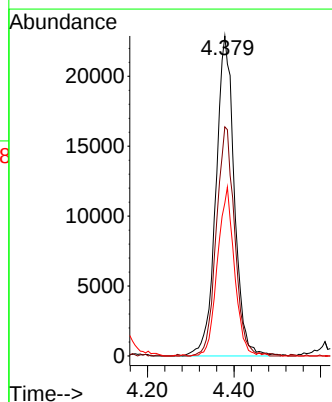
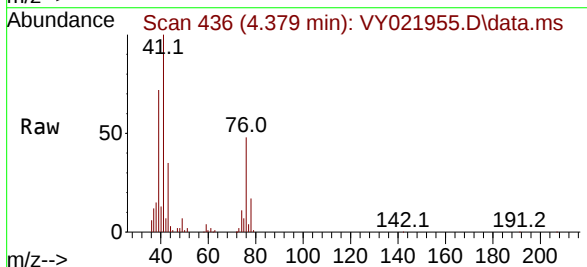
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

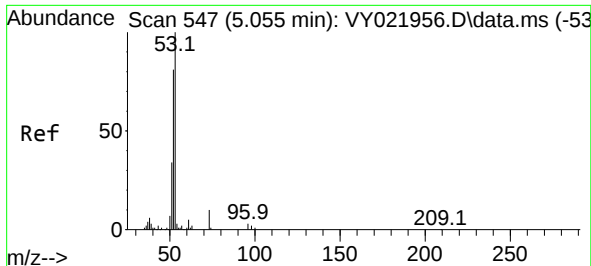
Tgt Ion: 56 Resp: 30883
Ion Ratio Lower Upper
56 100
55 69.8 57.4 86.0



#14
Allyl chloride
Concen: 19.294 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 41 Resp: 67622
Ion Ratio Lower Upper
41 100
39 71.5 57.2 85.8
76 48.5 39.7 59.5

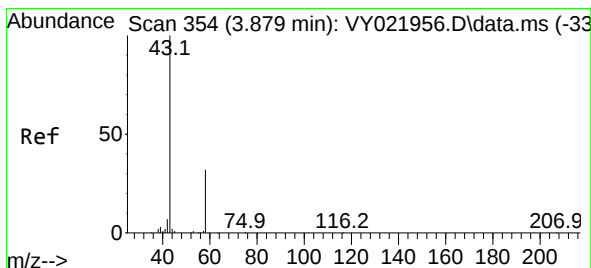
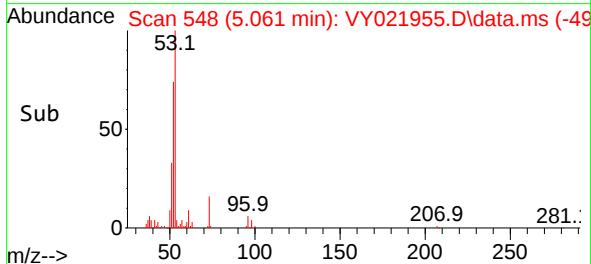
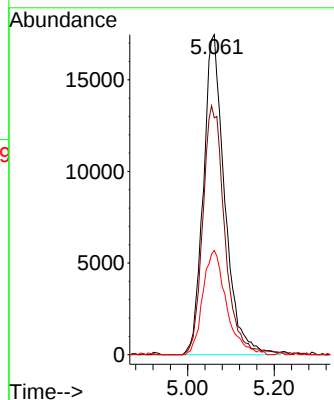
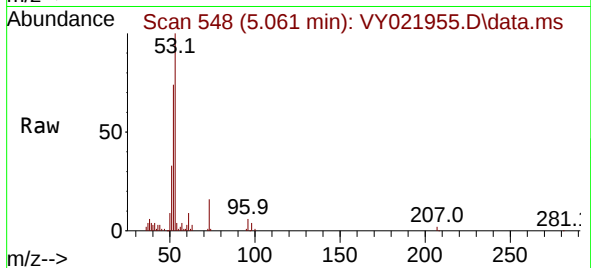




#15
Acrylonitrile
Concen: 105.648 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

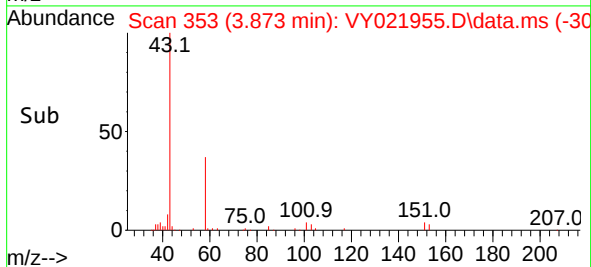
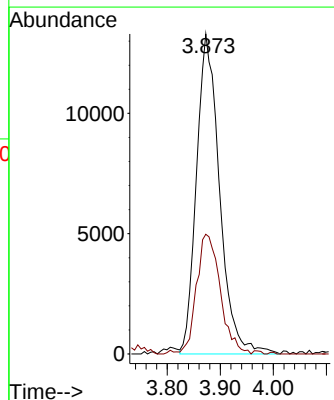
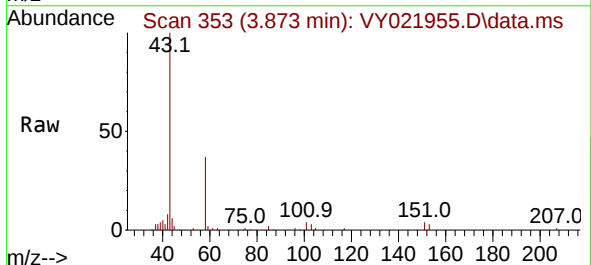
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

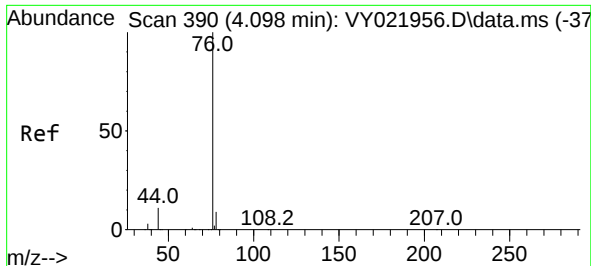
Tgt Ion: 53 Resp: 59926
Ion Ratio Lower Upper
53 100
52 79.4 65.0 97.6
51 36.0 28.9 43.3



#16
Acetone
Concen: 96.689 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 40190
Ion Ratio Lower Upper
43 100
58 37.4 27.0 40.4

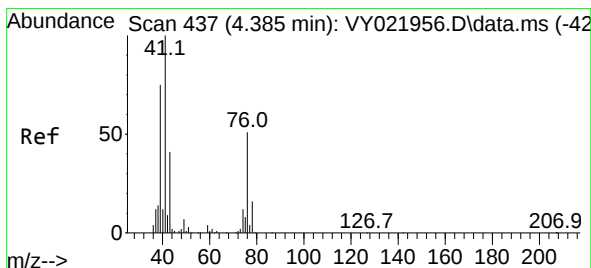
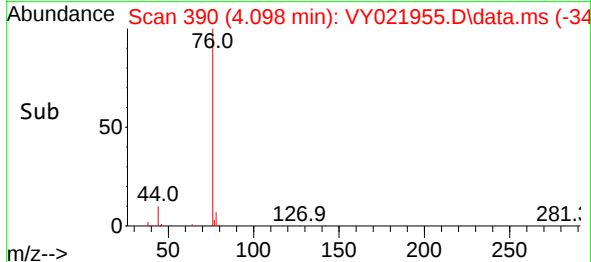
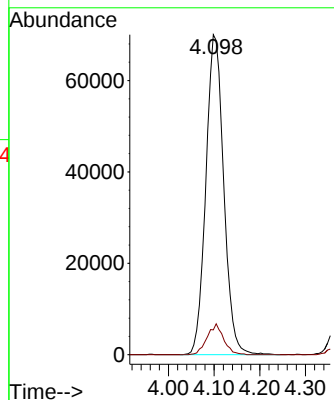
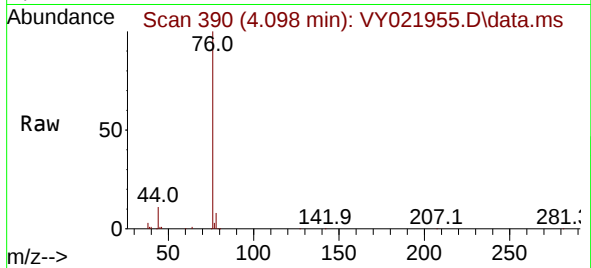




#17
Carbon Disulfide
Concen: 19.796 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

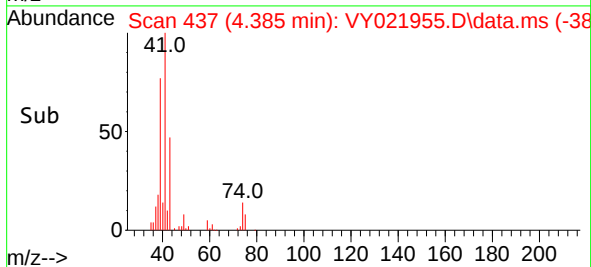
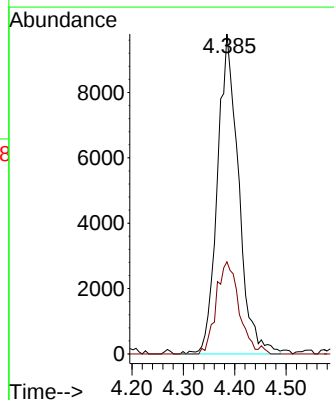
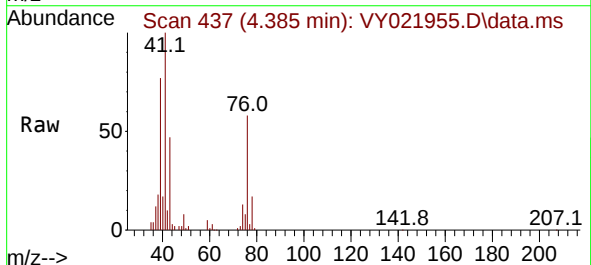
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

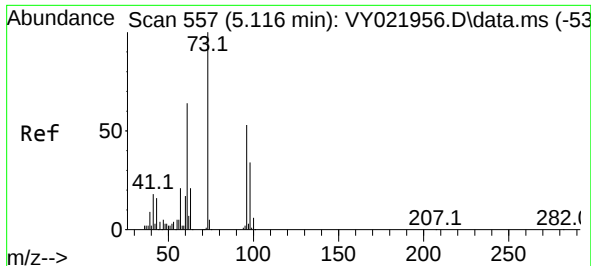
Tgt Ion: 76 Resp: 189988
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4



#18
Methyl Acetate
Concen: 21.423 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 27988
Ion Ratio Lower Upper
43 100
74 30.7 24.2 36.4

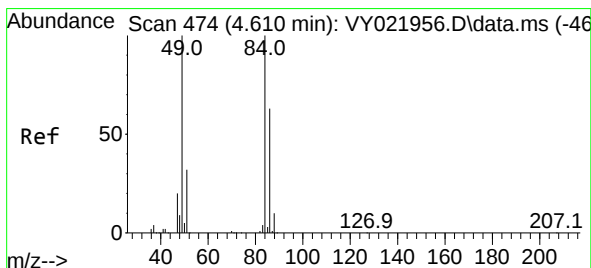
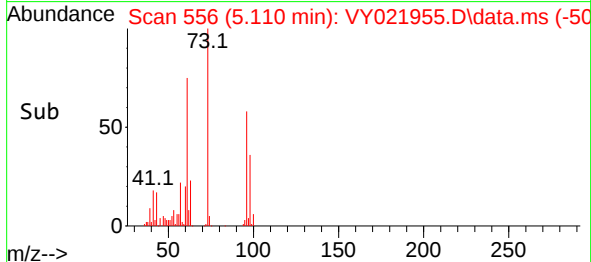
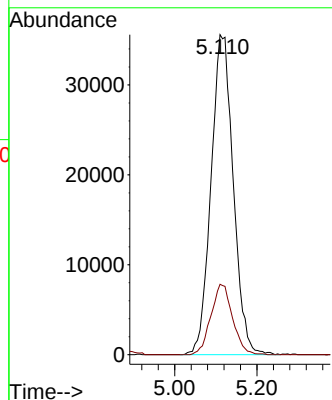
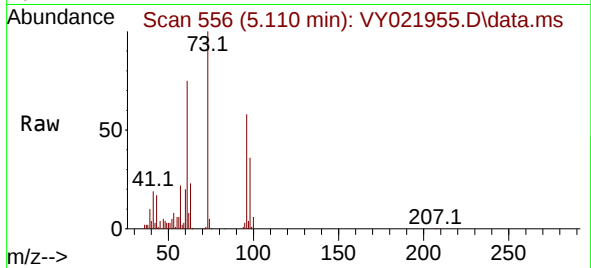




#19
Methyl tert-butyl Ether
Concen: 19.820 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

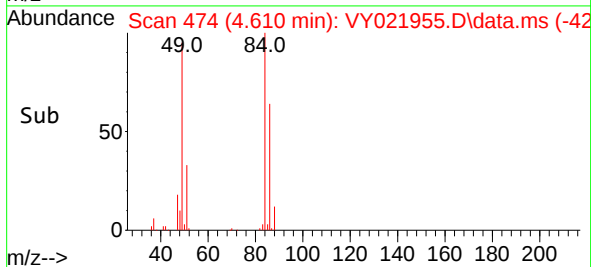
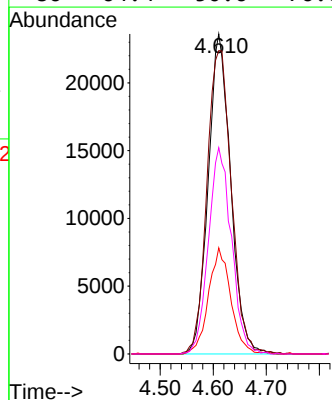
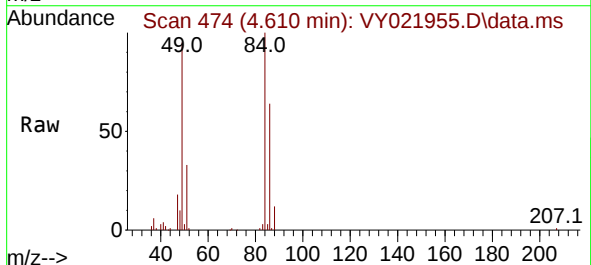
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 133523
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 19.673 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 84 Resp: 69571
Ion Ratio Lower Upper
84 100
49 94.8 79.9 119.9
51 33.2 25.4 38.0
86 64.4 50.6 76.0

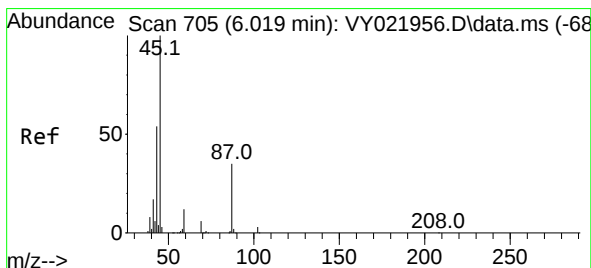
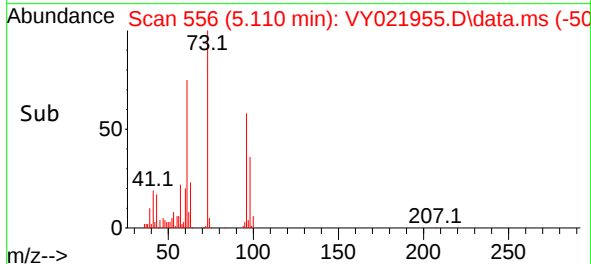
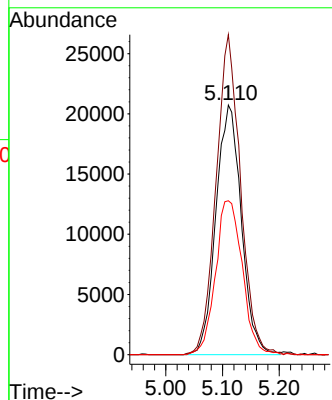
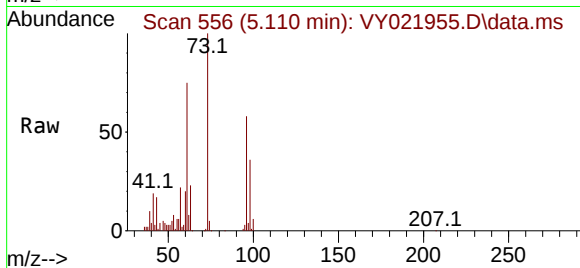




#21
trans-1,2-Dichloroethene
Concen: 19.148 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

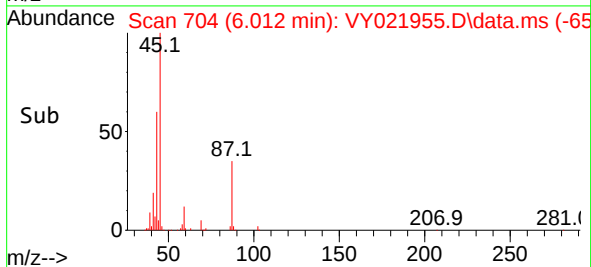
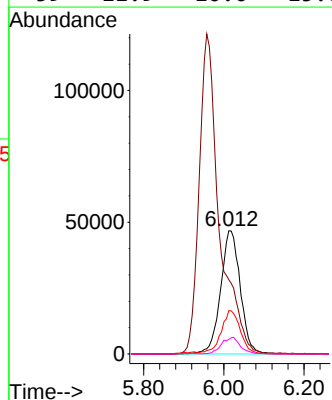
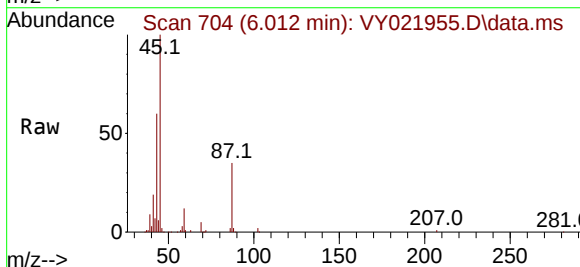
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

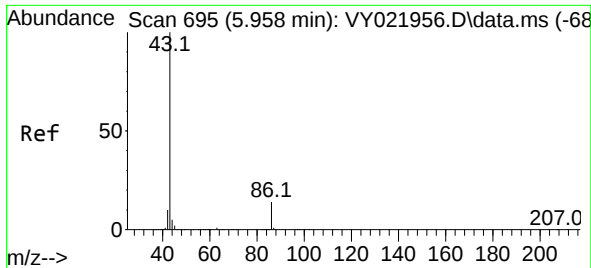
Tgt Ion: 96 Resp: 64547
Ion Ratio Lower Upper
96 100
61 128.2 92.6 138.8
98 61.7 50.2 75.4



#22
Diisopropyl ether
Concen: 20.439 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 45 Resp: 159414
Ion Ratio Lower Upper
45 100
43 59.8 43.6 65.4
87 35.2 28.2 42.4
59 11.9 10.0 15.0

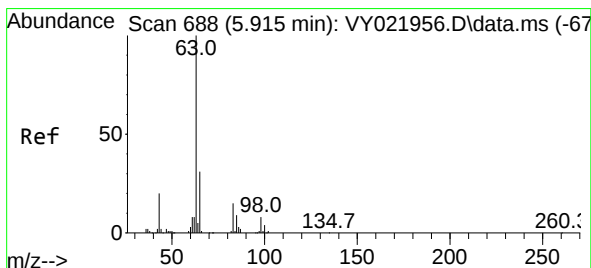
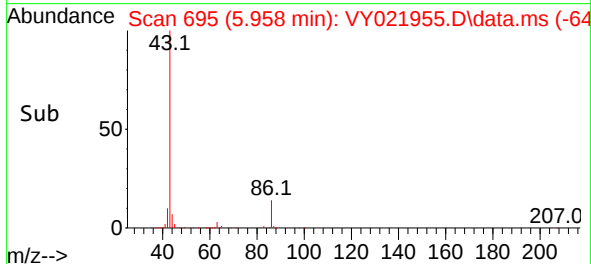
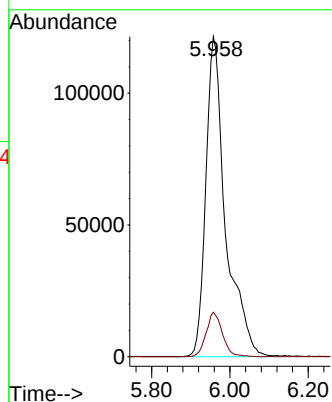
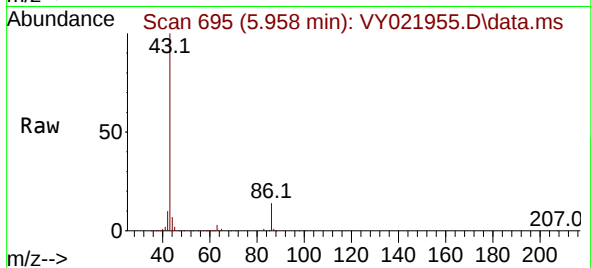




#23
 Vinyl Acetate
 Concen: 100.901 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

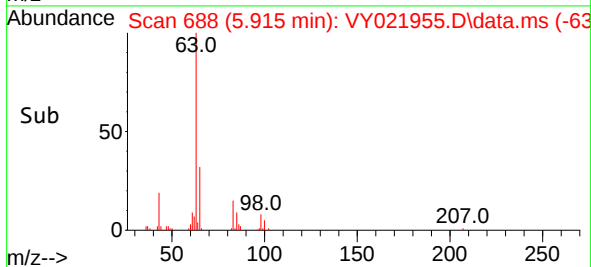
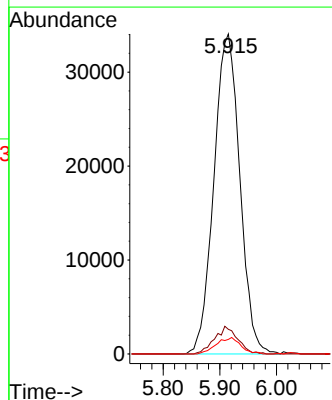
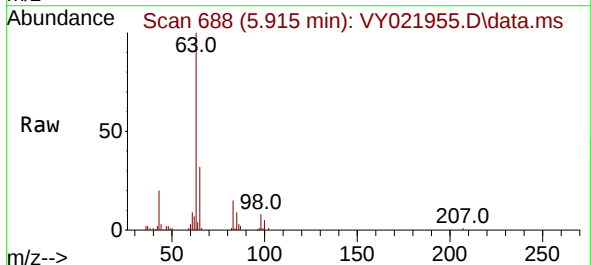
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

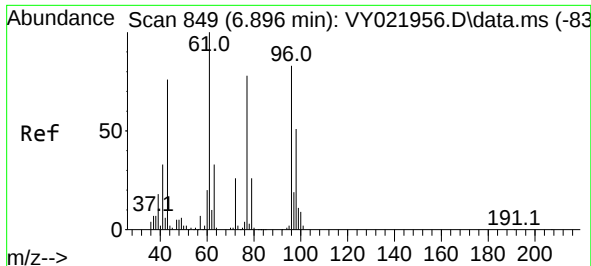
Tgt Ion: 43 Resp: 424128
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.006 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

Tgt Ion: 63 Resp: 108156
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.5 2.0 6.0

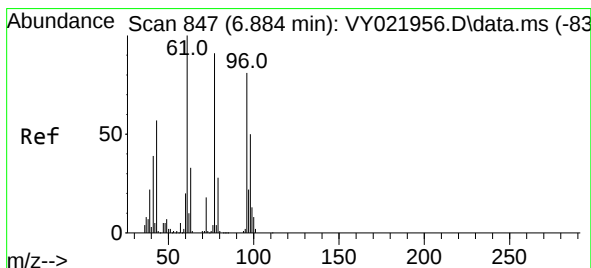
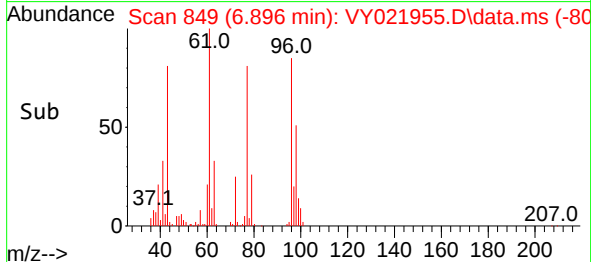
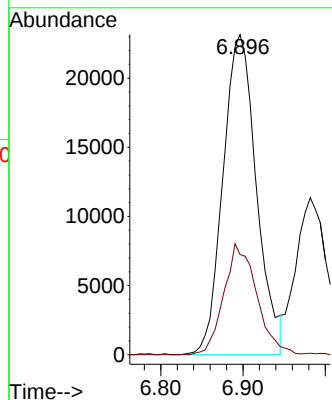
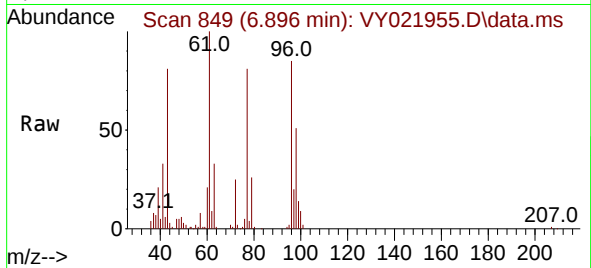




#25
2-Butanone
Concen: 102.688 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

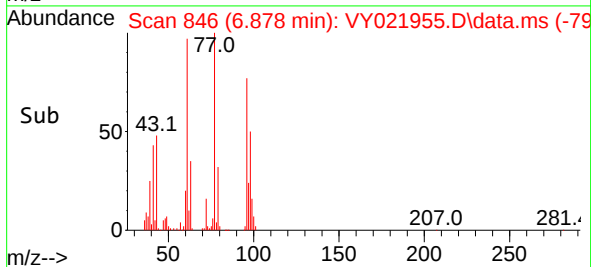
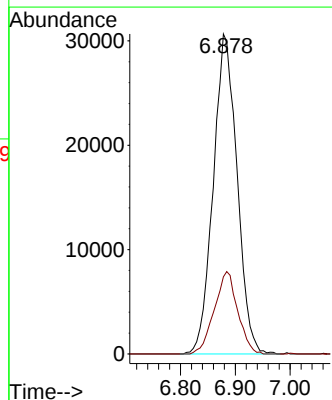
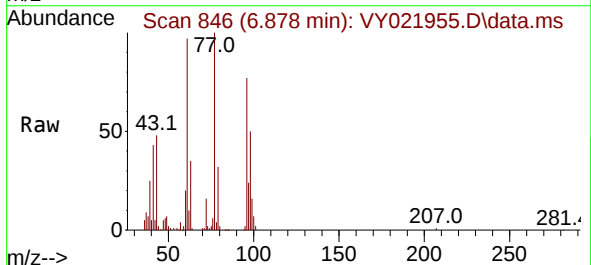
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

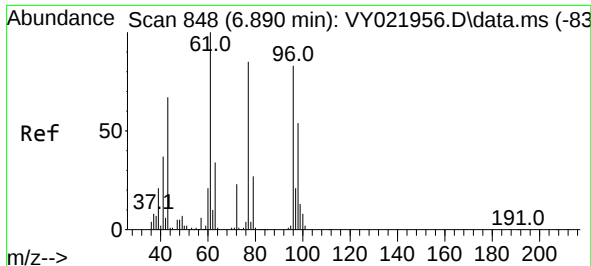
Tgt Ion: 43 Resp: 65464
Ion Ratio Lower Upper
43 100
72 31.3 27.0 40.4



#26
2,2-Dichloropropane
Concen: 19.503 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 77 Resp: 92415
Ion Ratio Lower Upper
77 100
97 25.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.398 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

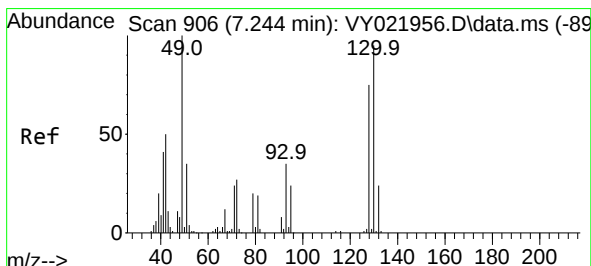
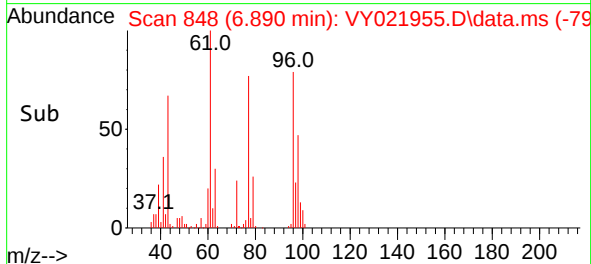
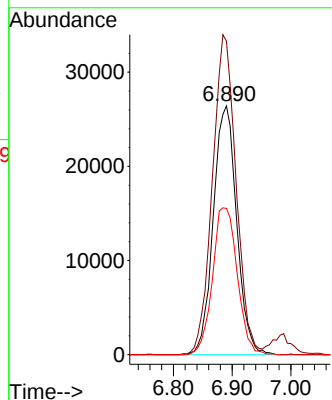
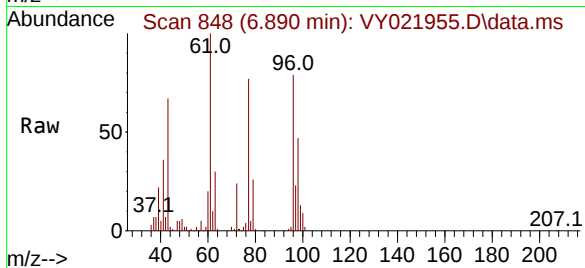
Tgt Ion: 96 Resp: 73114

Ion Ratio Lower Upper

96 100

61 129.9 0.0 251.4

98 62.5 0.0 128.4



#28

Bromochloromethane

Concen: 21.027 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

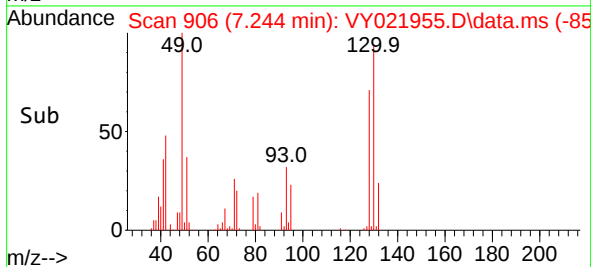
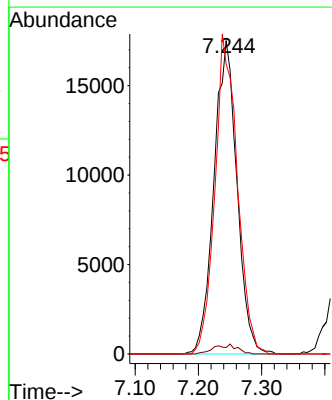
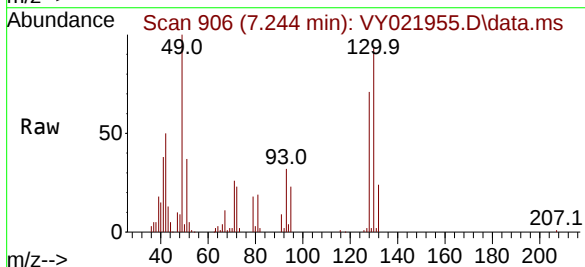
Tgt Ion: 49 Resp: 44154

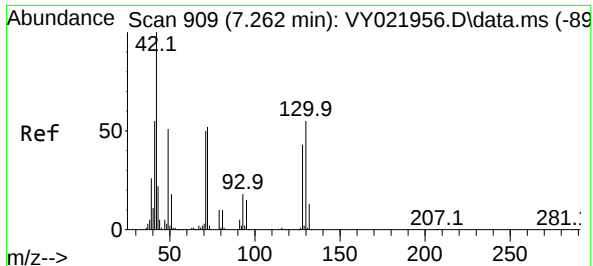
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.0

130 99.1 78.2 117.4

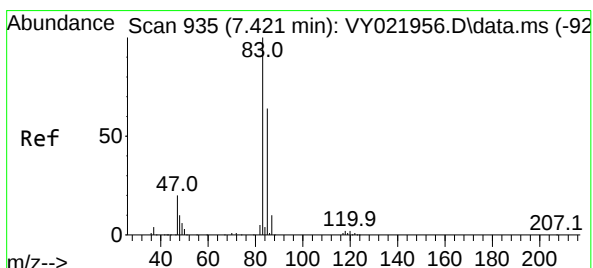
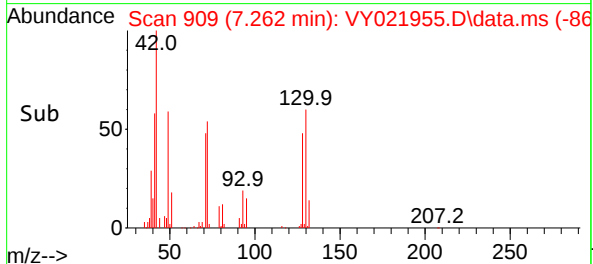
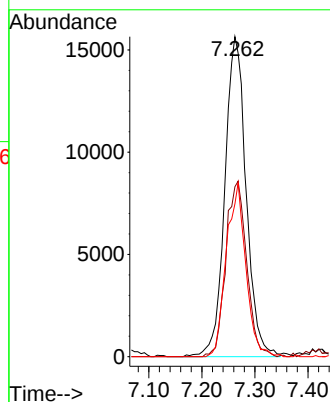
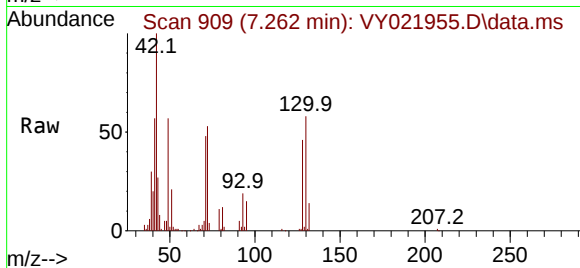




#29
Tetrahydrofuran
Concen: 105.459 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

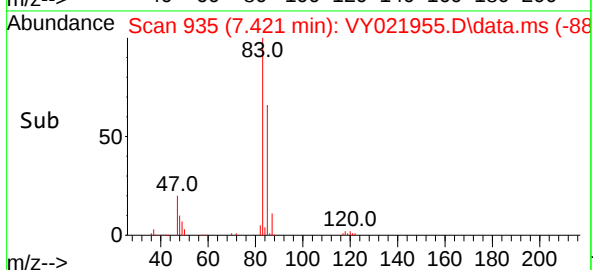
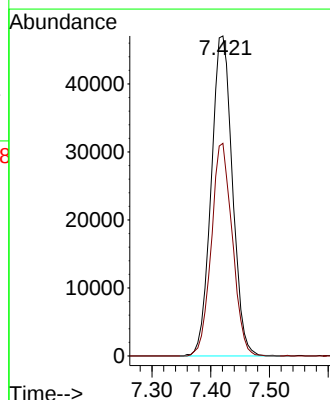
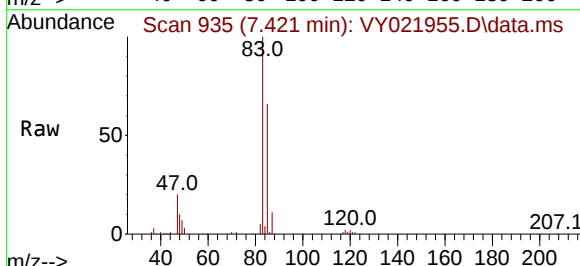
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	42	Resp:	43665
Ion	Ratio	Lower	Upper
42	100		
72	53.6	42.6	63.8
71	50.0	40.6	61.0



#30
Chloroform
Concen: 19.666 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:	83	Resp:	117934
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9

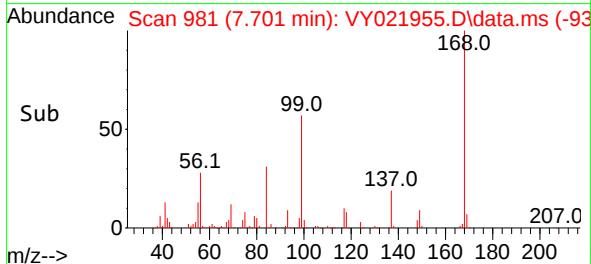
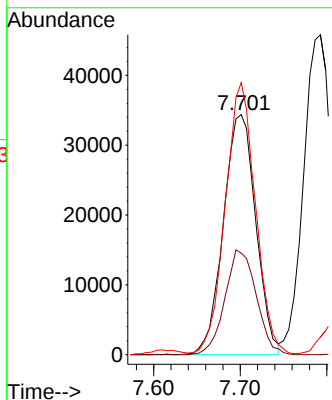
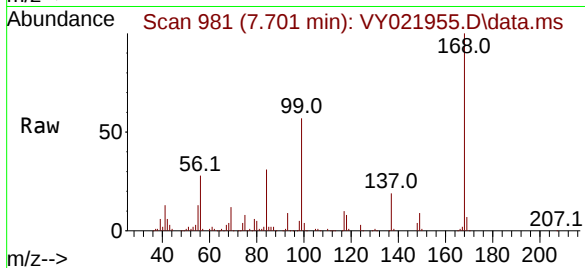




#31
Cyclohexane
Concen: 19.333 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

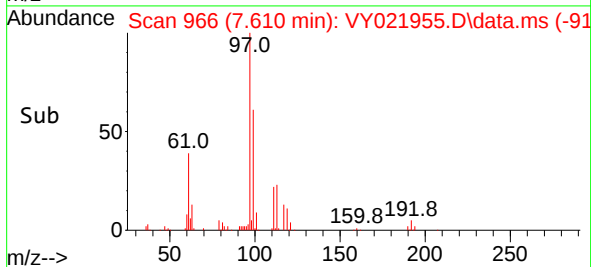
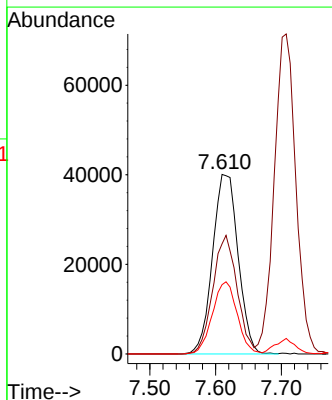
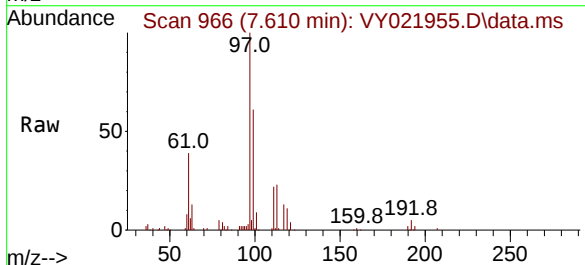
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 89380
Ion Ratio Lower Upper
56 100
69 42.3 29.4 44.2
84 112.0 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 19.993 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 97 Resp: 108468
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.2
61 39.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 19.891 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

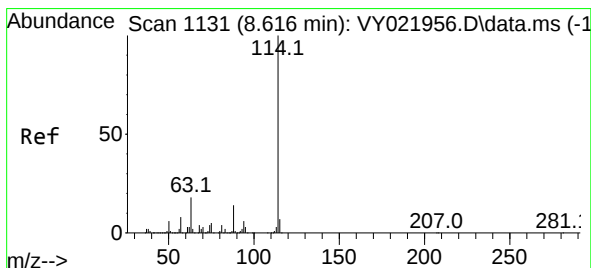
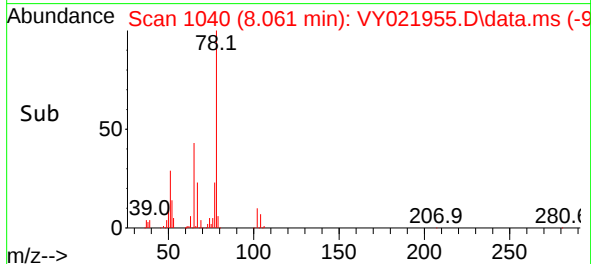
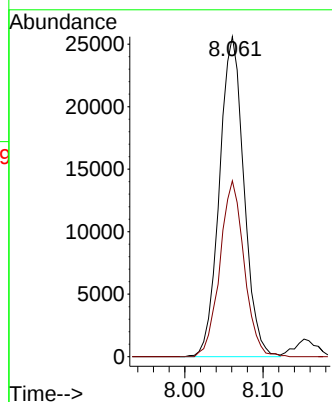
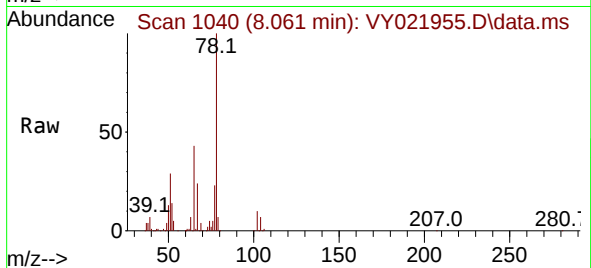
VSTDICC020

Tgt Ion: 65 Resp: 55629

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

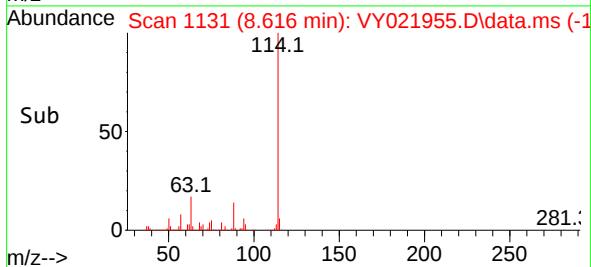
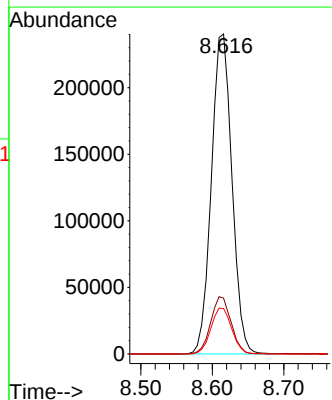
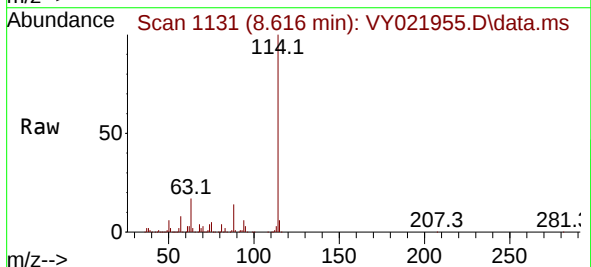
Tgt Ion: 114 Resp: 479908

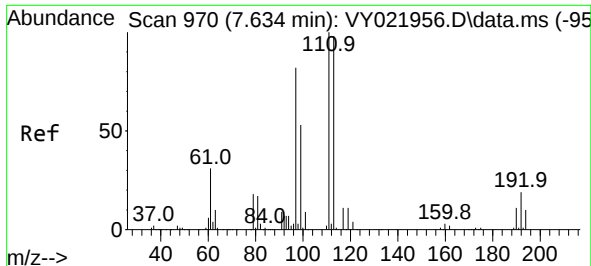
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.2 0.0 28.2

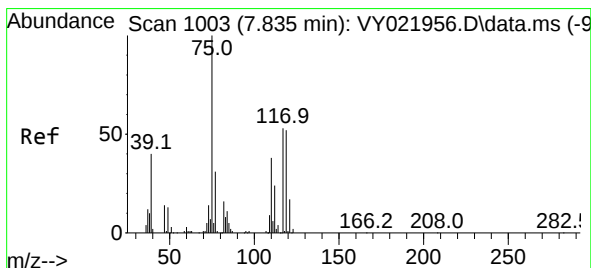
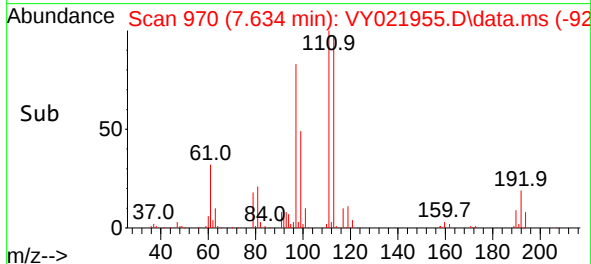
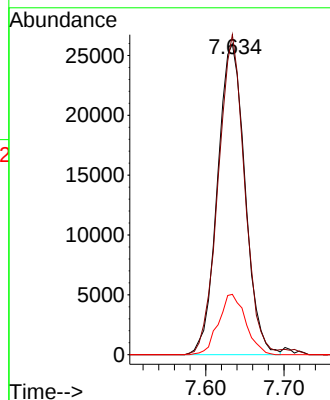
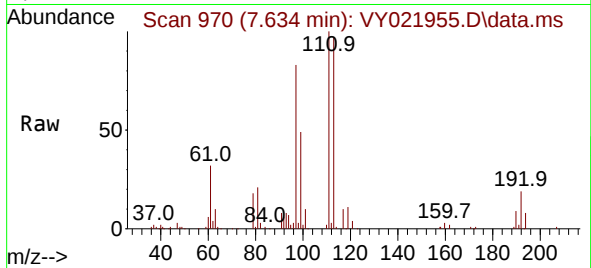




#35
Dibromofluoromethane
Concen: 20.003 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

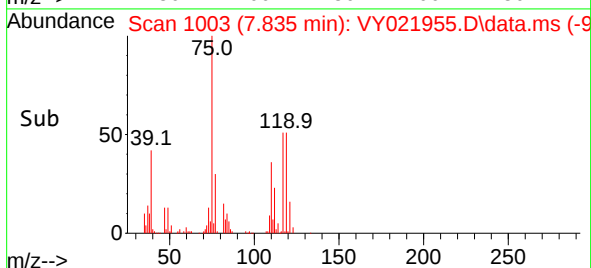
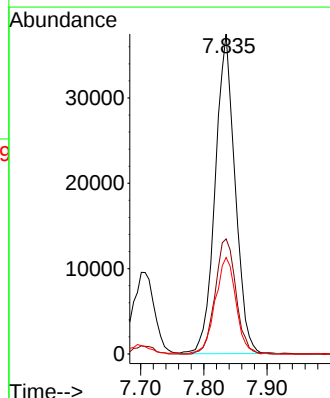
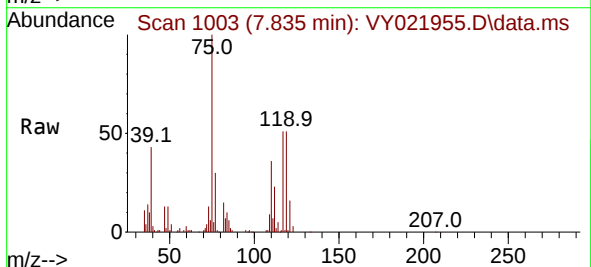
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

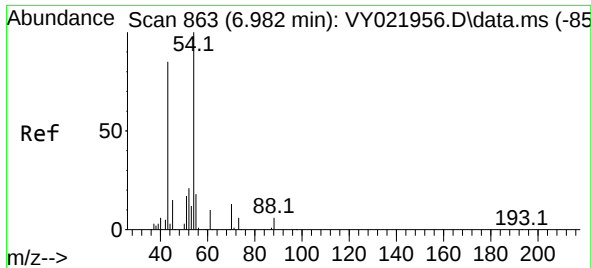
Tgt Ion:113 Resp: 63419
Ion Ratio Lower Upper
113 100
111 98.7 81.8 122.8
192 19.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.127 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 81459
Ion Ratio Lower Upper
75 100
110 37.7 19.1 57.3
77 31.6 25.5 38.3

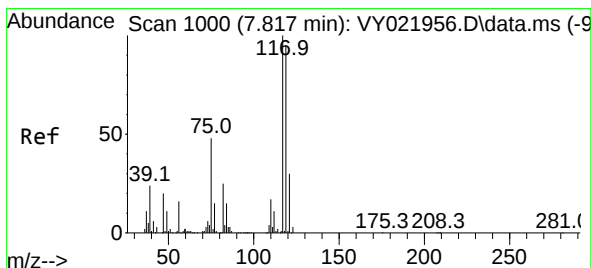
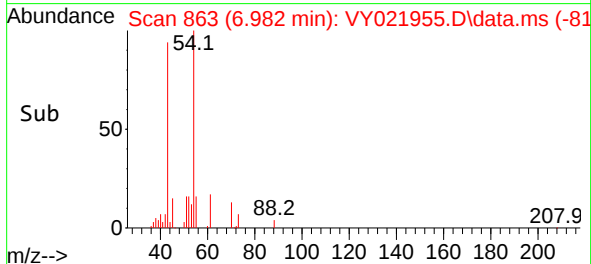
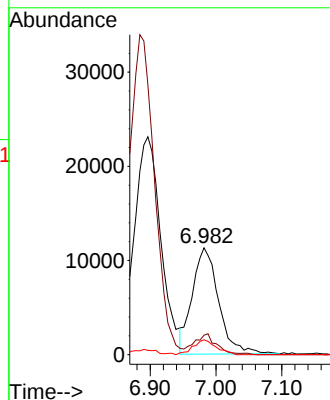
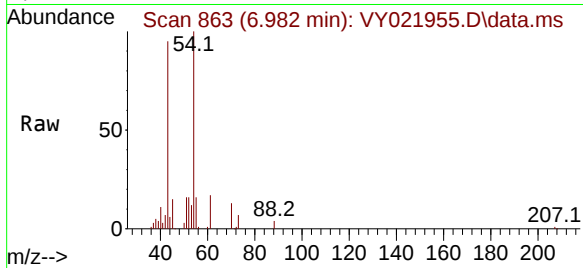




#37
Ethyl Acetate
Concen: 20.755 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

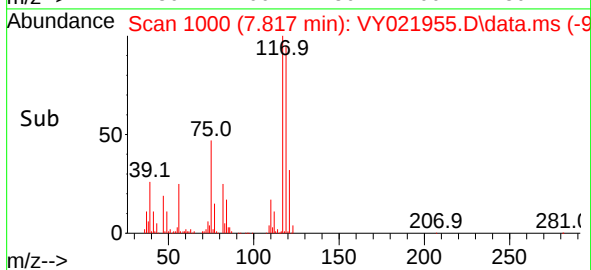
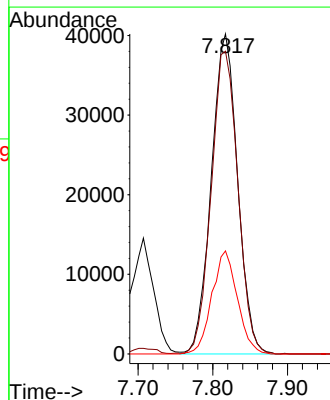
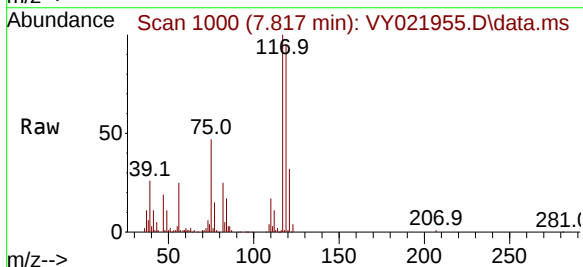
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43	Resp:	31319	
Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.8	20.6
70	12.2	9.2	13.8



#38
Carbon Tetrachloride
Concen: 19.318 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:117	Resp:	98308	
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.4
121	32.2	24.0	36.0





#39

Methylcyclohexane

Concen: 18.578 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

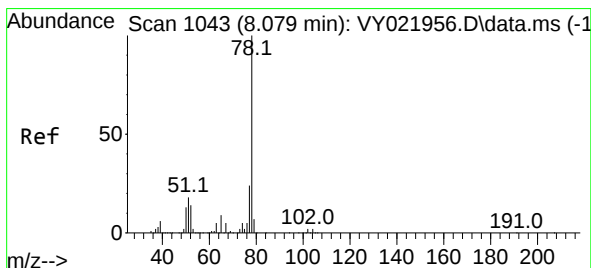
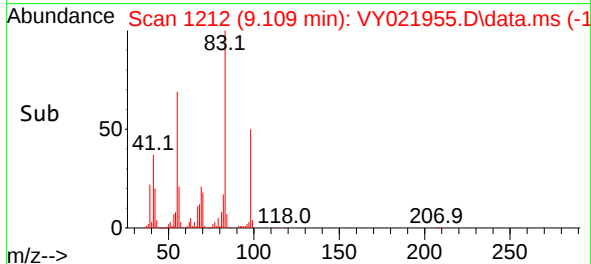
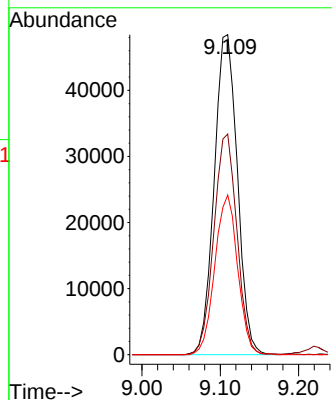
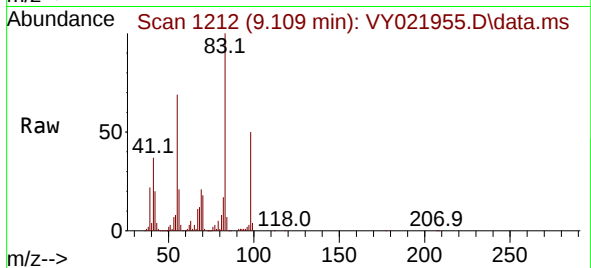
Tgt Ion: 83 Resp: 99570

Ion Ratio Lower Upper

83 100

55 69.0 50.6 75.8

98 49.9 38.6 58.0



#40

Benzene

Concen: 19.482 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021955.D

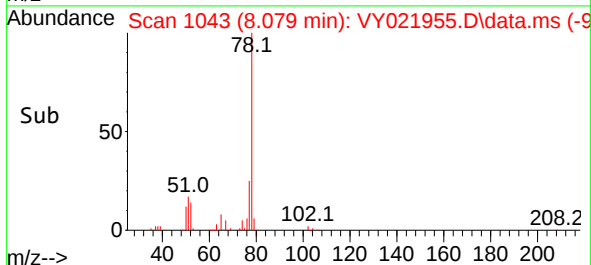
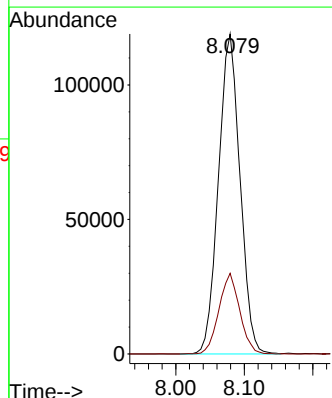
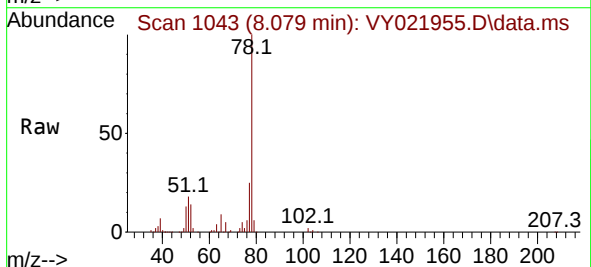
Acq: 22 Apr 2025 15:07

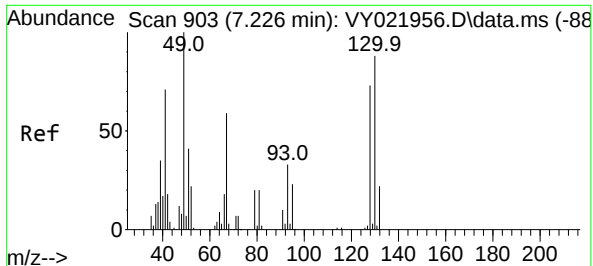
Tgt Ion: 78 Resp: 259371

Ion Ratio Lower Upper

78 100

77 25.2 19.3 28.9

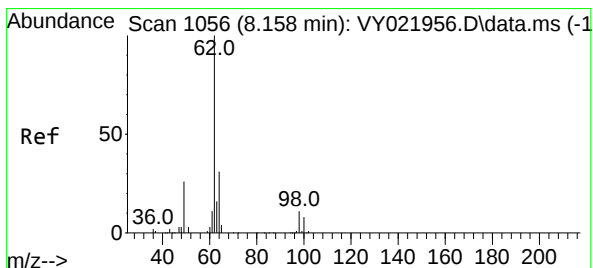
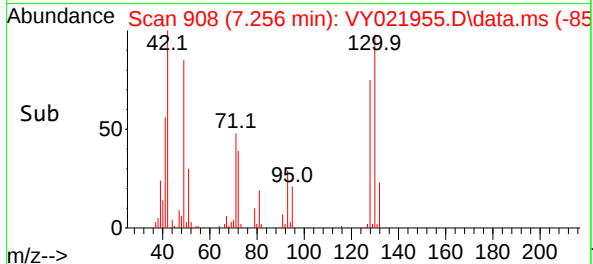
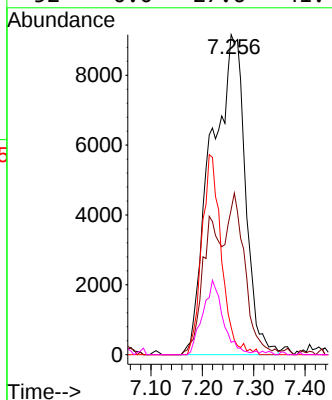
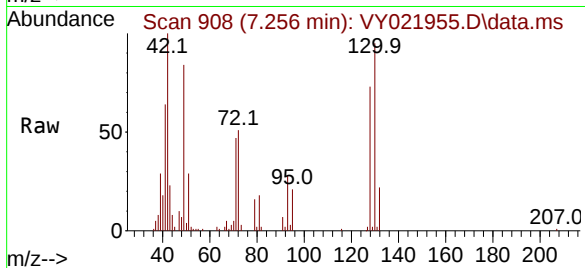




#41
Methacrylonitrile
Concen: 50.560 ug/l
RT: 7.256 min Scan# 903
Delta R.T. 0.030 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

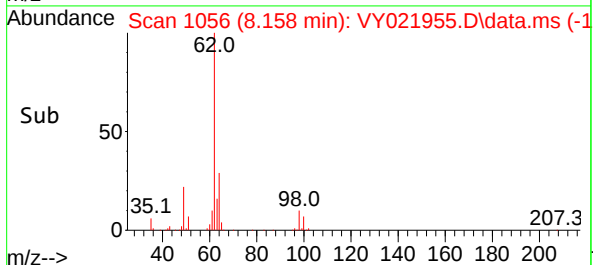
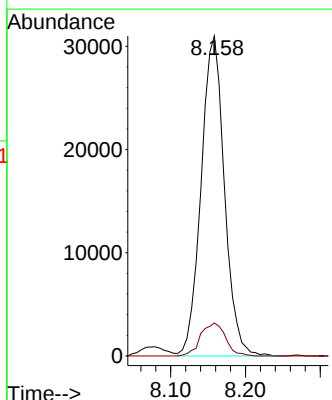
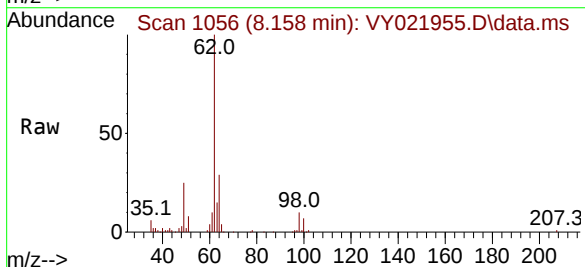
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

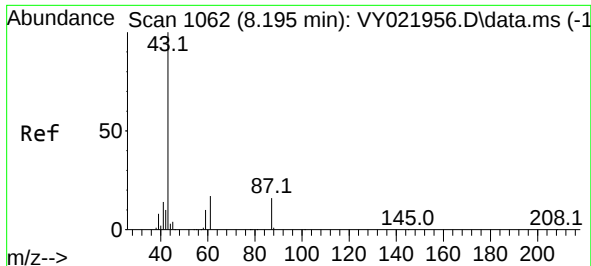
Tgt Ion: 41 Resp: 42291
Ion Ratio Lower Upper
41 100
39 25.1 36.6 55.0#
67 0.0 72.2 108.4#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 20.398 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 62 Resp: 67235
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

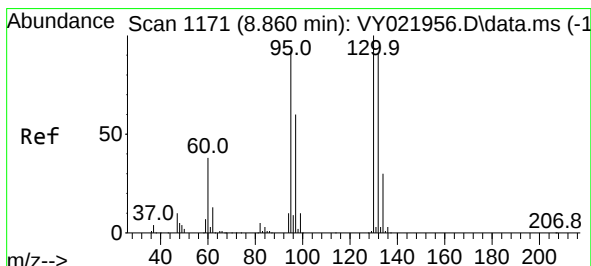
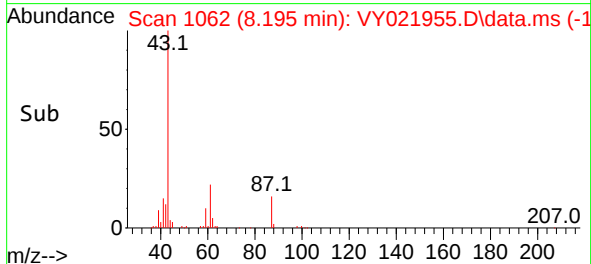
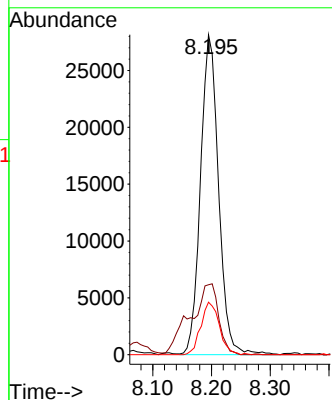
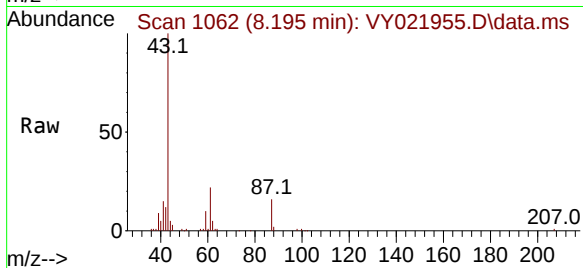




#43
Isopropyl Acetate
Concen: 20.495 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

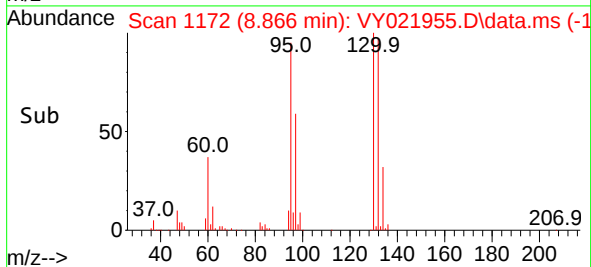
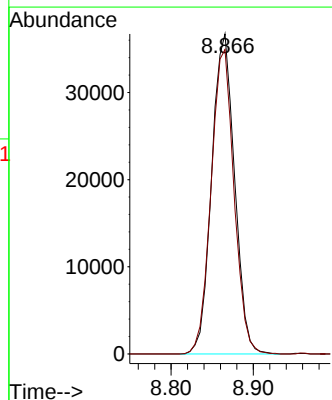
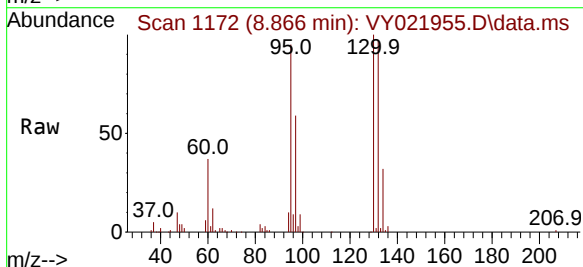
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

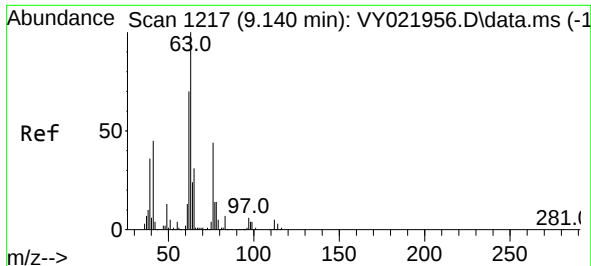
Tgt Ion: 43 Resp: 60204
Ion Ratio Lower Upper
43 100
61 34.7 18.9 28.3#
87 16.8 13.7 20.5



#44
Trichloroethene
Concen: 19.226 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:130 Resp: 70896
Ion Ratio Lower Upper
130 100
95 95.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 19.678 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

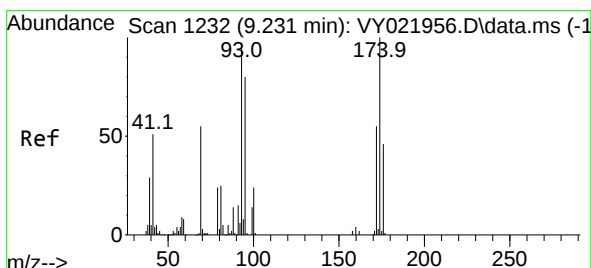
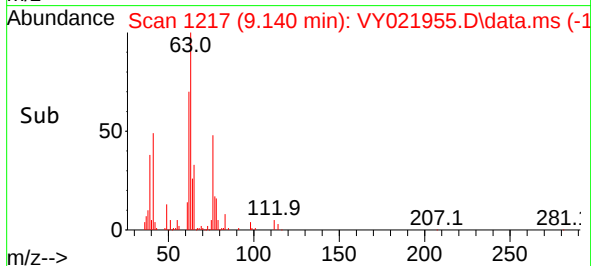
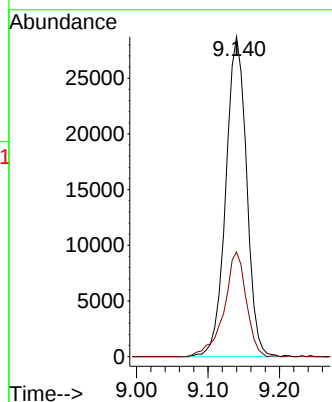
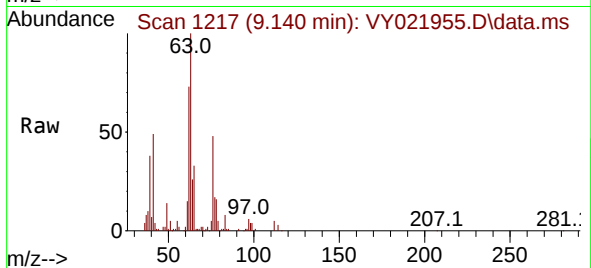
VSTDIC020

Tgt Ion: 63 Resp: 57934

Ion Ratio Lower Upper

63 100

65 32.7 25.2 37.8



#46

Dibromomethane

Concen: 20.018 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

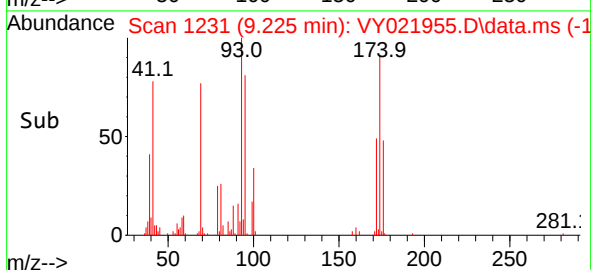
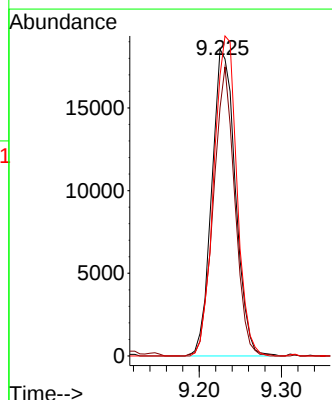
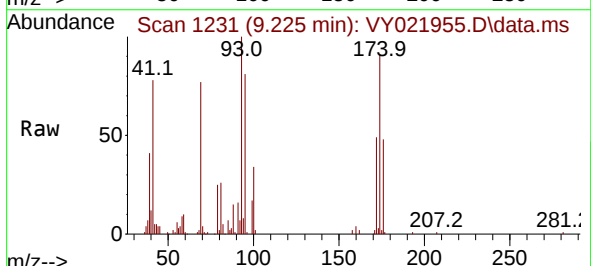
Tgt Ion: 93 Resp: 36893

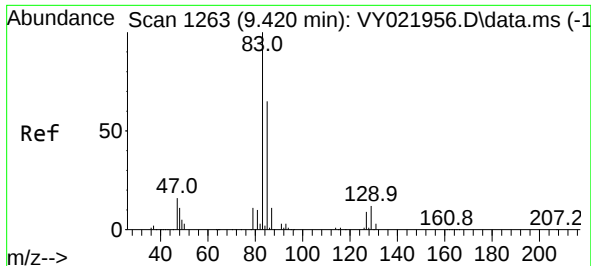
Ion Ratio Lower Upper

93 100

95 85.2 66.7 100.1

174 102.1 84.6 127.0

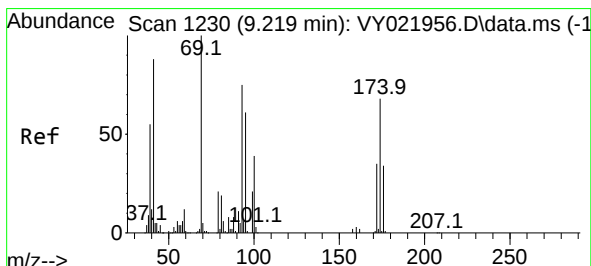
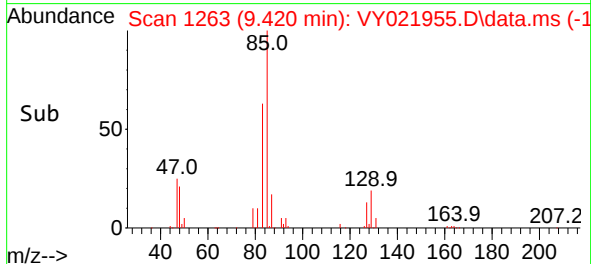
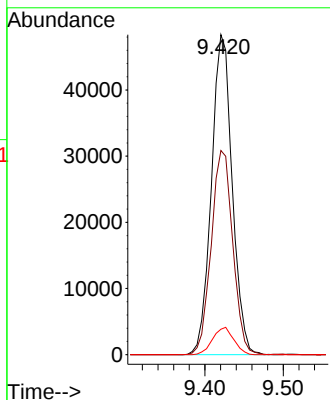
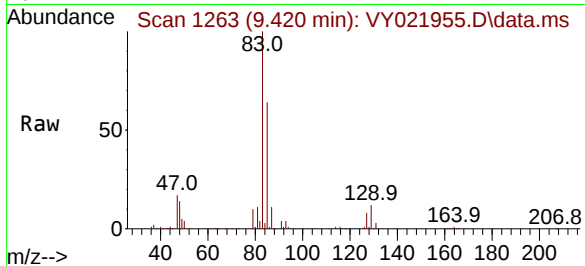




#47
Bromodichloromethane
Concen: 19.341 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

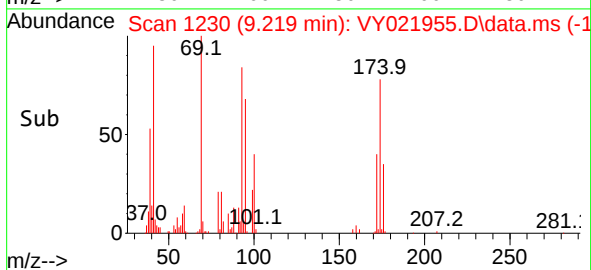
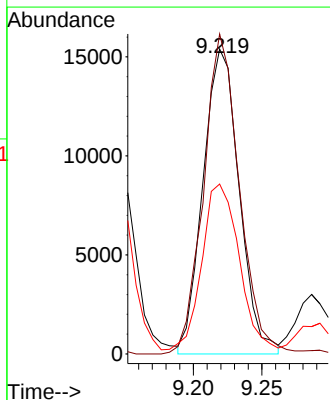
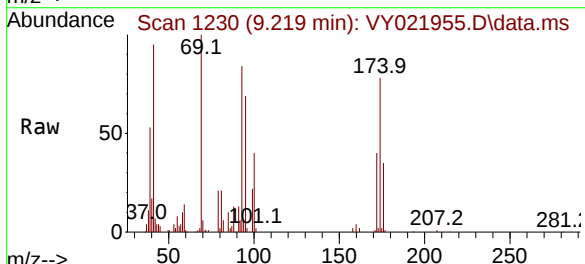
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

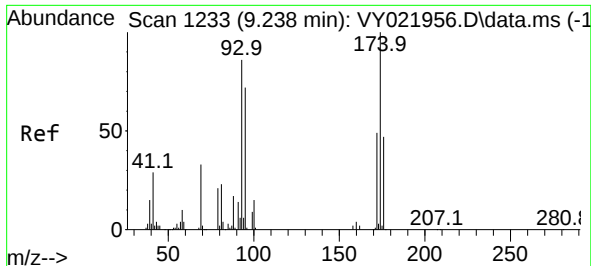
Tgt Ion:	83	Resp:	89049
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.8
127	8.0	7.0	10.6



#48
Methyl methacrylate
Concen: 20.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:	41	Resp:	28211
Ion	Ratio	Lower	Upper
41	100		
69	104.1	85.5	128.3
39	55.5	46.2	69.4





#49

1,4-Dioxane

Concen: 432.566 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

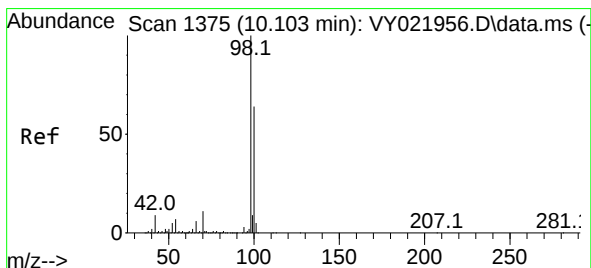
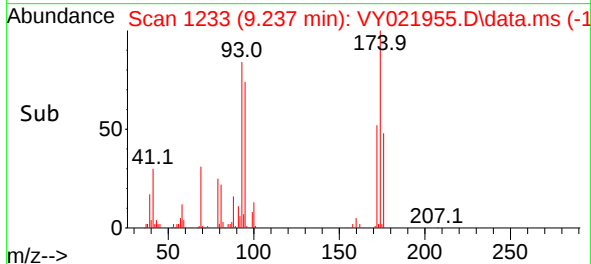
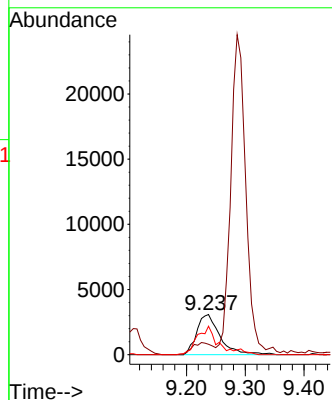
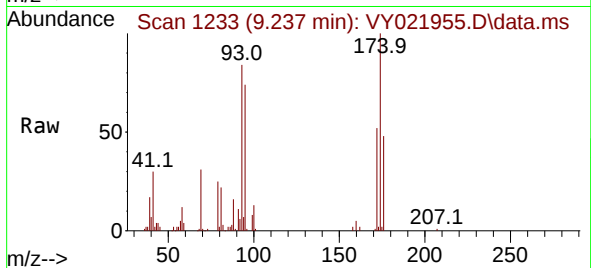
Tgt Ion: 88 Resp: 8497

Ion Ratio Lower Upper

88 100

43 25.9 21.3 31.9

58 59.2 50.5 75.7



#50

Toluene-d8

Concen: 19.446 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021955.D

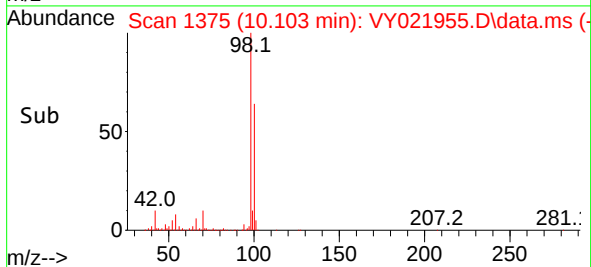
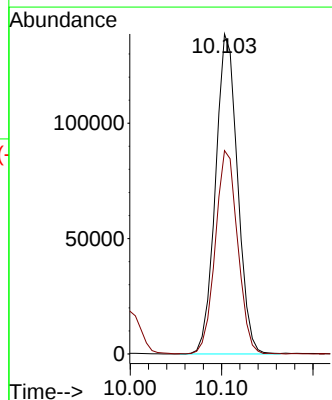
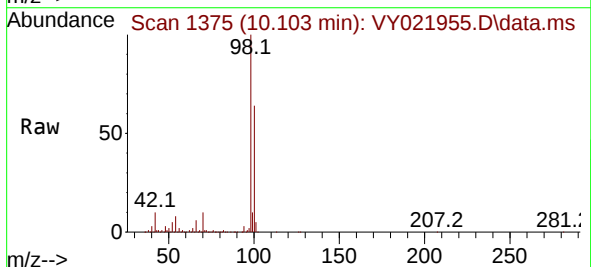
Acq: 22 Apr 2025 15:07

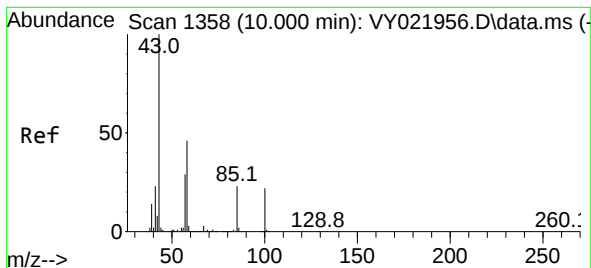
Tgt Ion: 98 Resp: 232431

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

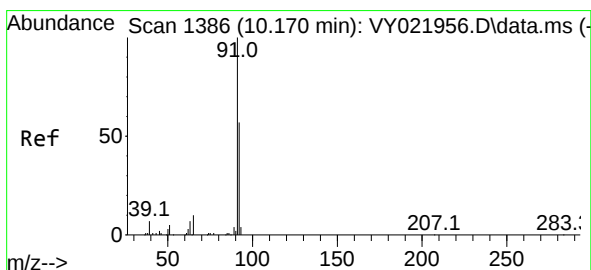
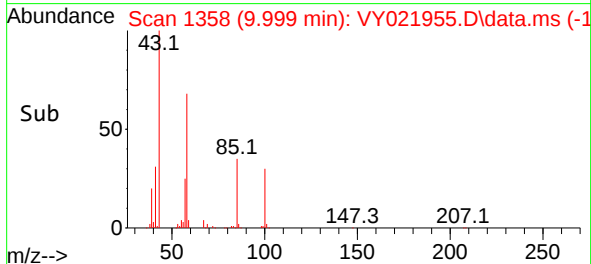
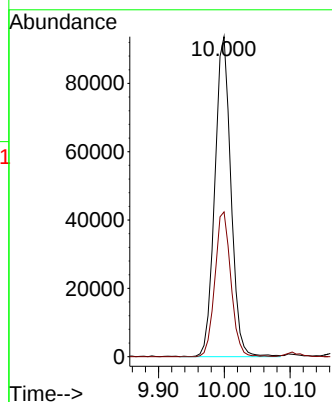
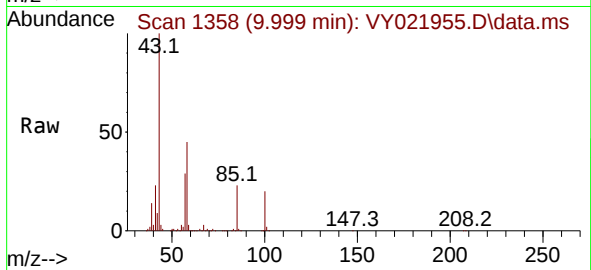




#51
4-Methyl-2-Pentanone
Concen: 103.844 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

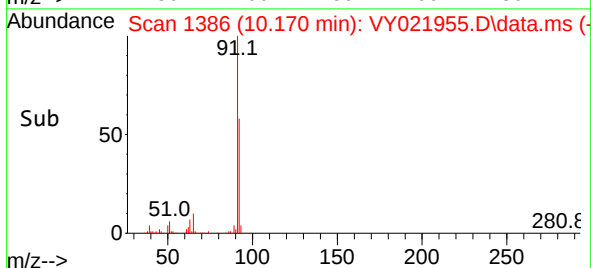
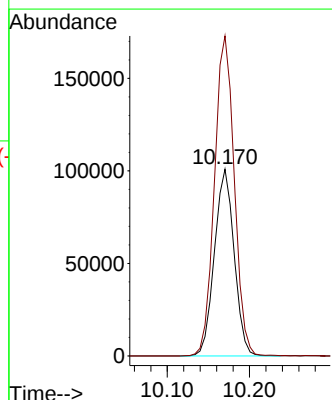
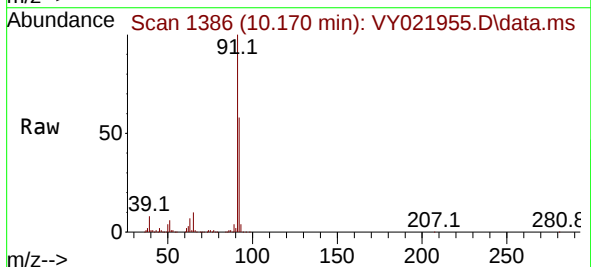
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

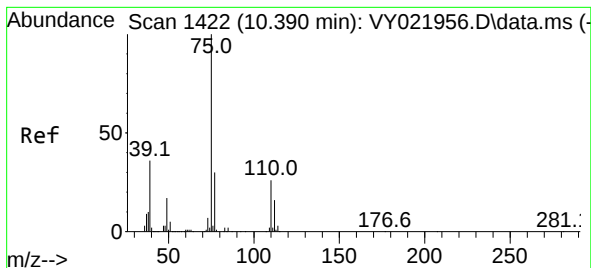
Tgt Ion: 43 Resp: 159902
Ion Ratio Lower Upper
43 100
58 44.9 36.6 55.0



#52
Toluene
Concen: 19.499 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 92 Resp: 168035
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

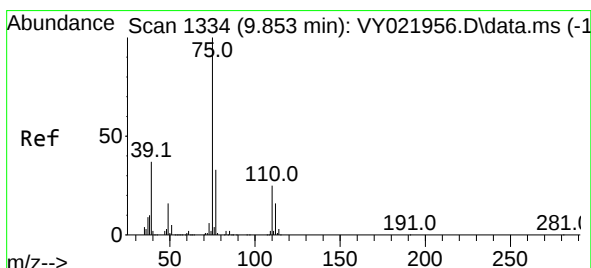
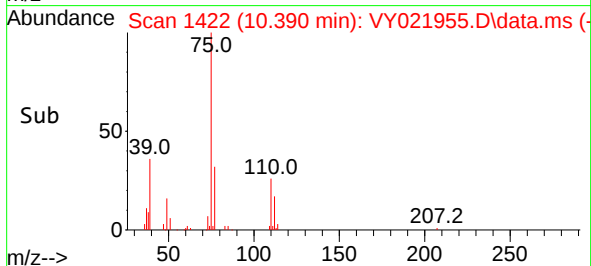
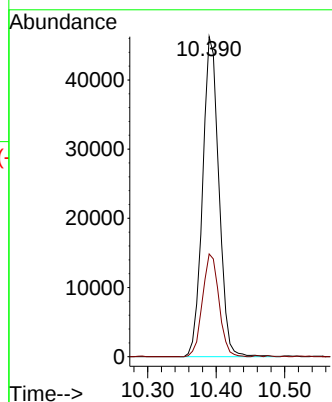
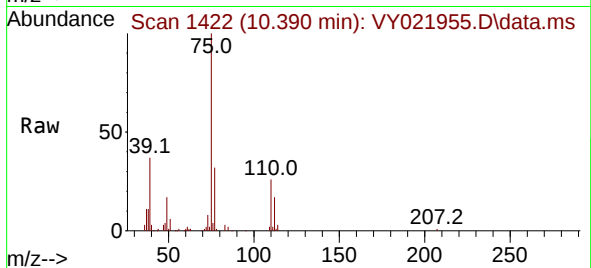




#53
t-1,3-Dichloropropene
Concen: 19.404 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

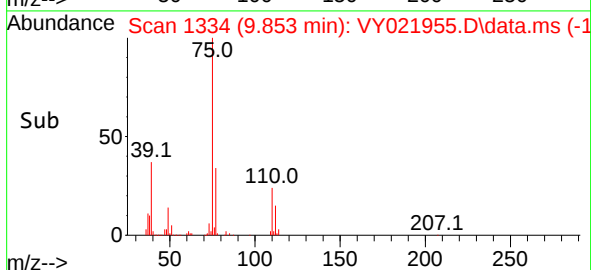
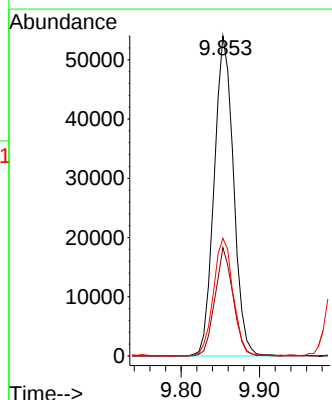
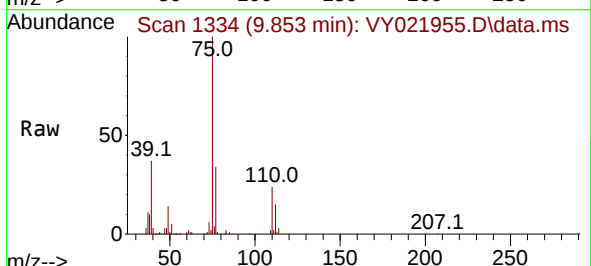
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

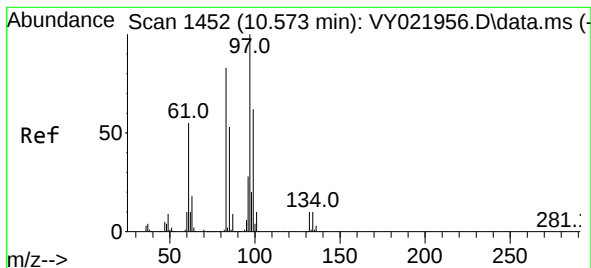
Tgt Ion: 75 Resp: 76629
Ion Ratio Lower Upper
75 100
77 32.1 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 19.753 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 92726
Ion Ratio Lower Upper
75 100
77 33.8 26.6 40.0
39 36.6 29.6 44.4

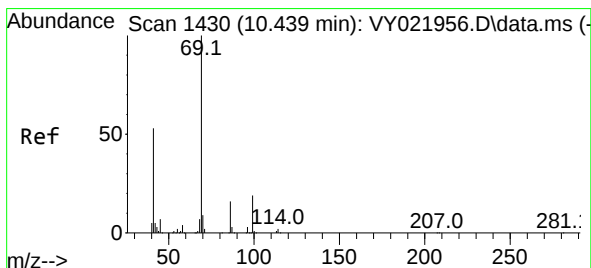
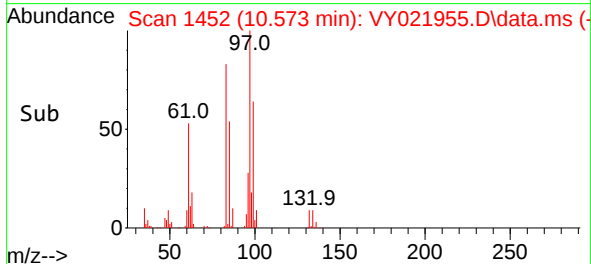
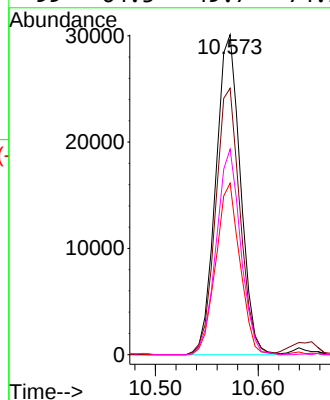
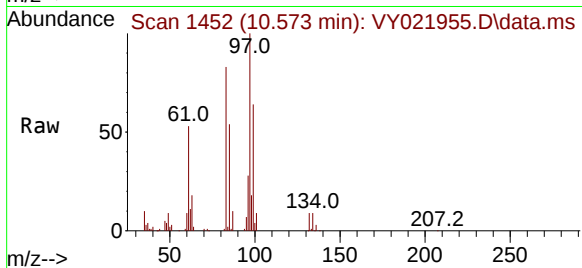




#55
1,1,2-Trichloroethane
Concen: 20.353 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

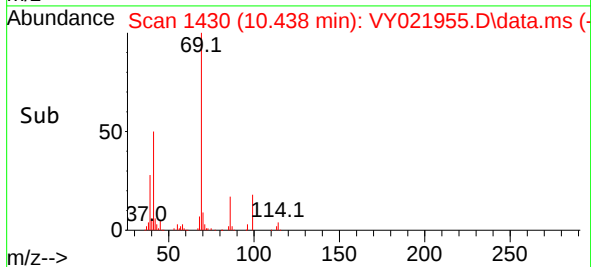
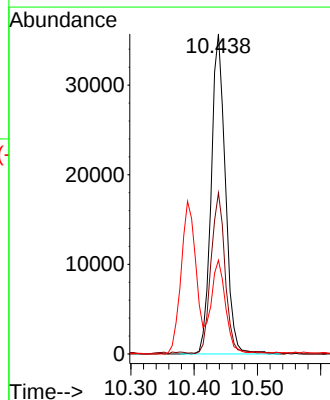
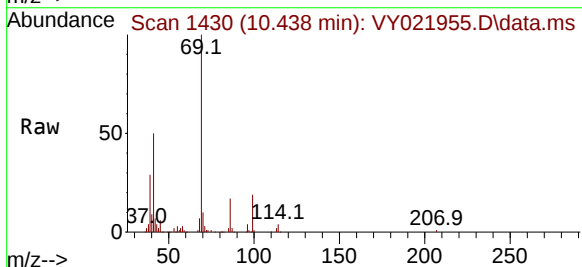
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

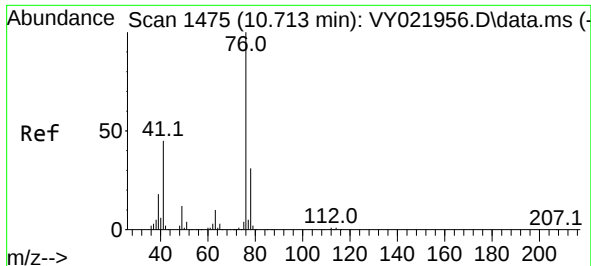
Tgt Ion:	97	Resp:	50105
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.7	100.1
85	53.6	42.6	64.0
99	64.3	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.786 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:	69	Resp:	55703
Ion	Ratio	Lower	Upper
69	100		
41	49.8	40.7	61.1
39	29.3	23.3	34.9





#57

1,3-Dichloropropane

Concen: 19.676 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

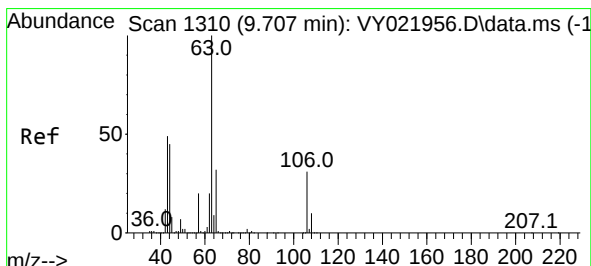
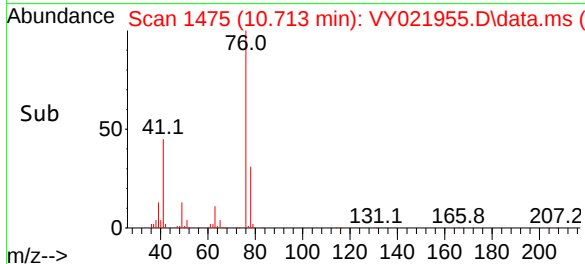
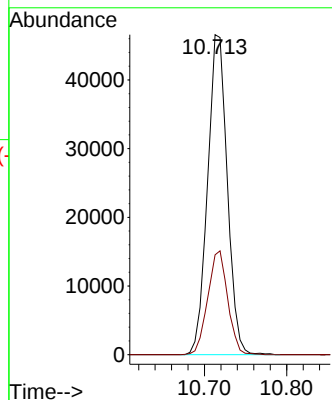
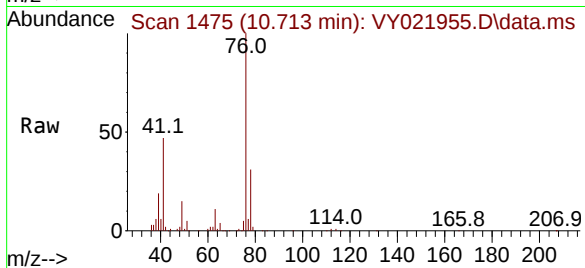
VSTDIC020

Tgt Ion: 76 Resp: 77652

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.027 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY021955.D

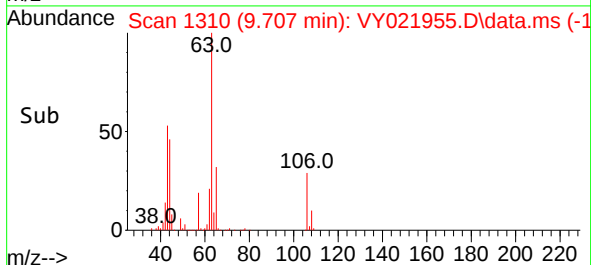
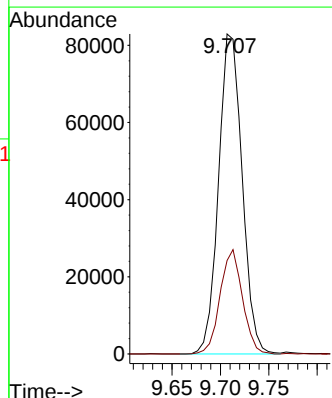
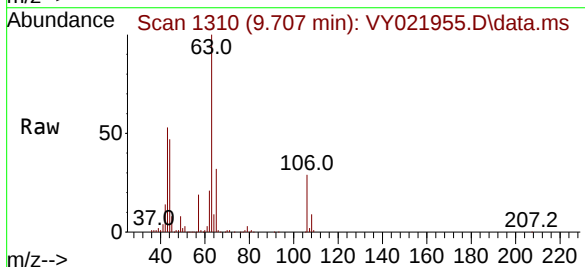
Acq: 22 Apr 2025 15:07

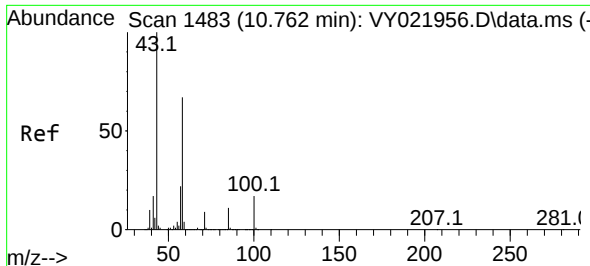
Tgt Ion: 63 Resp: 140435

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

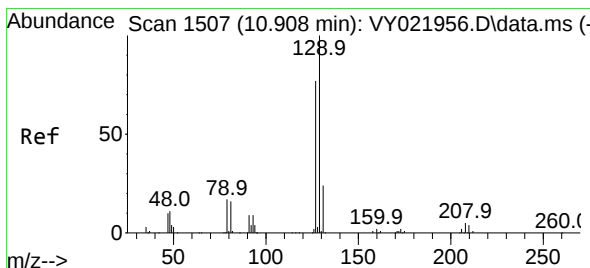
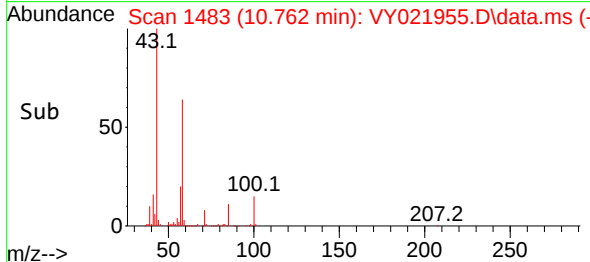
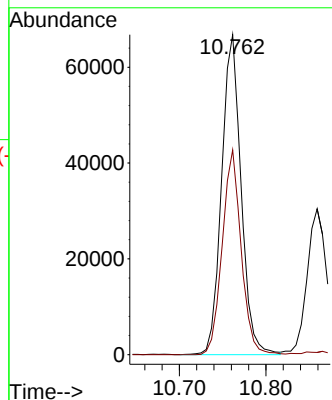
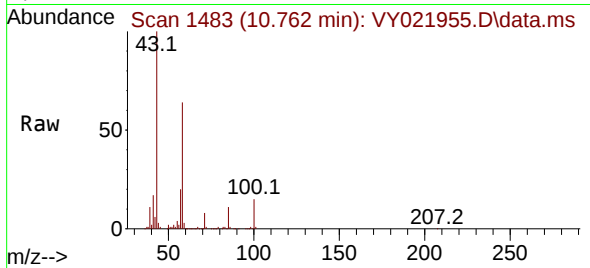




#59
2-Hexanone
Concen: 102.714 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

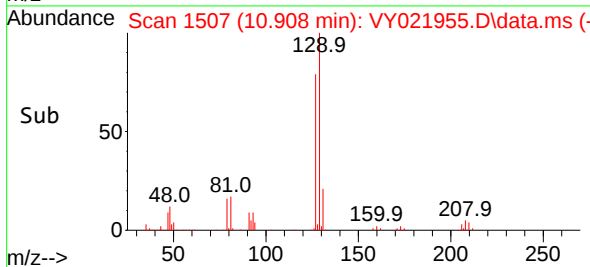
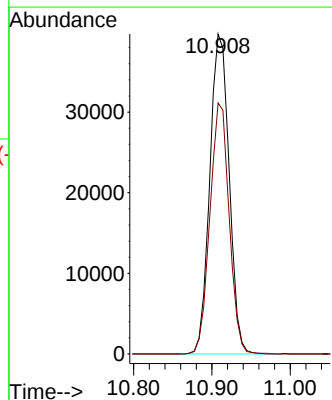
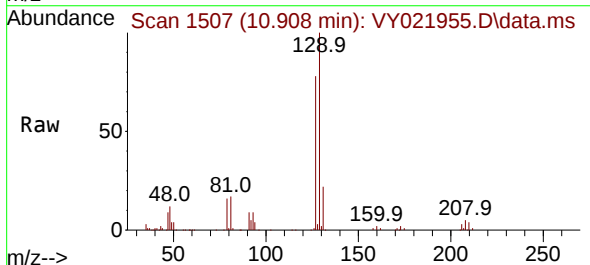
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

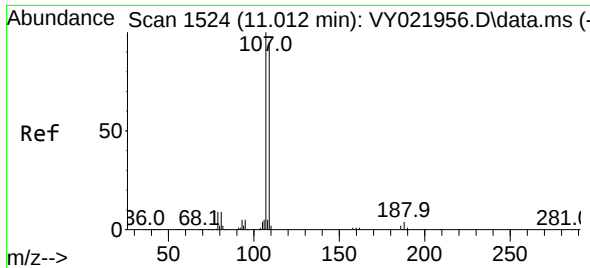
Tgt Ion: 43 Resp: 104321
Ion Ratio Lower Upper
43 100
58 62.1 32.0 96.0



#60
Dibromochloromethane
Concen: 19.948 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 129 Resp: 67988
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3

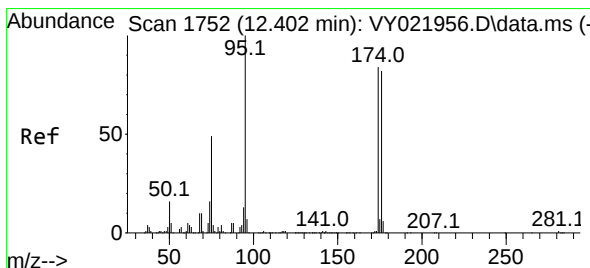
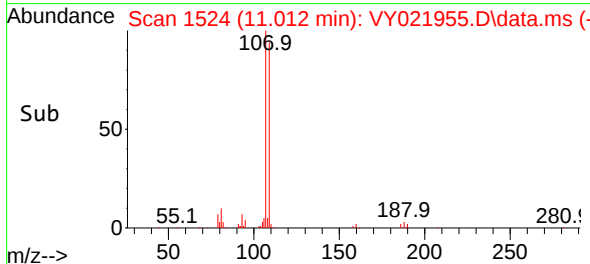
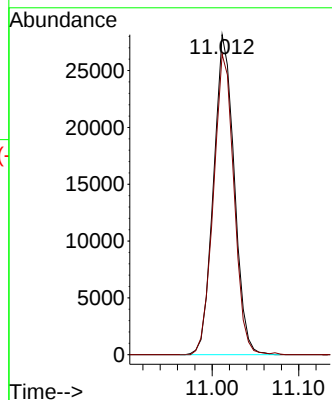
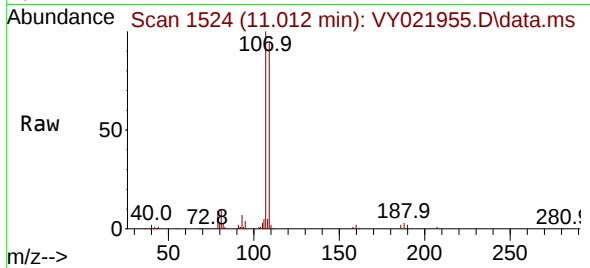




#61
1,2-Dibromoethane
Concen: 20.093 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

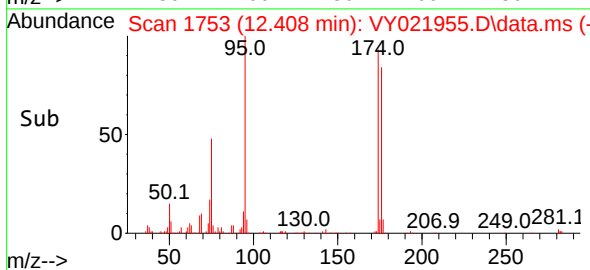
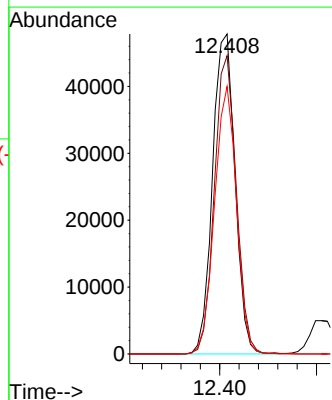
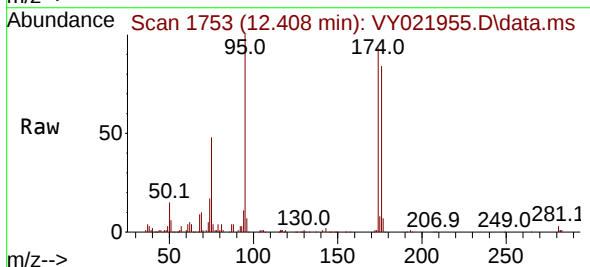
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

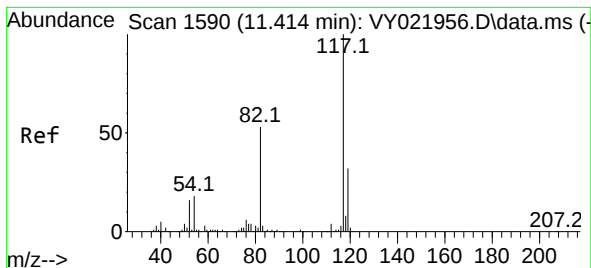
Tgt Ion:107 Resp: 46699
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 19.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 95 Resp: 77034
Ion Ratio Lower Upper
95 100
174 90.9 0.0 179.0
176 81.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

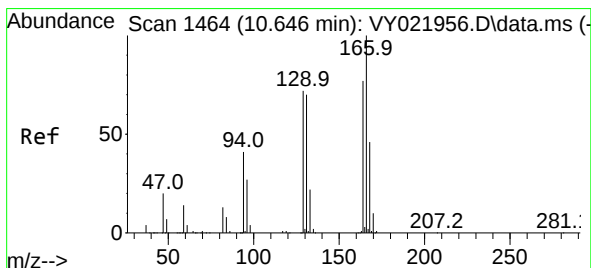
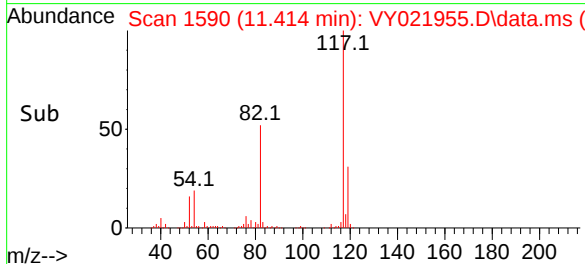
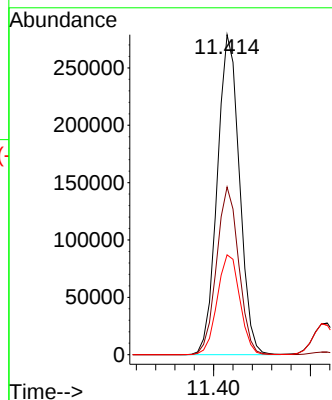
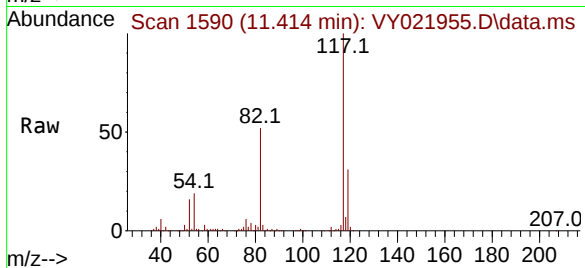
Tgt Ion:117 Resp: 443014

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

119 31.2 25.7 38.5



#64

Tetrachloroethene

Concen: 19.600 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Tgt Ion:164 Resp: 81915

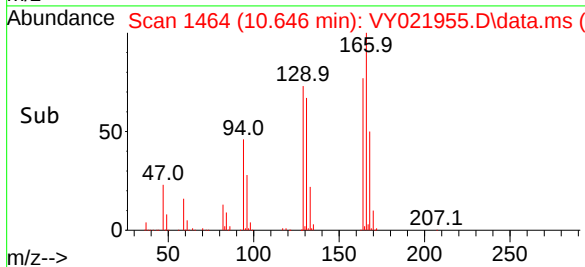
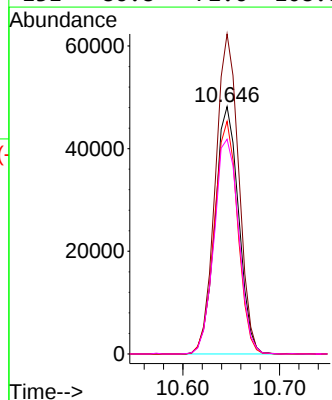
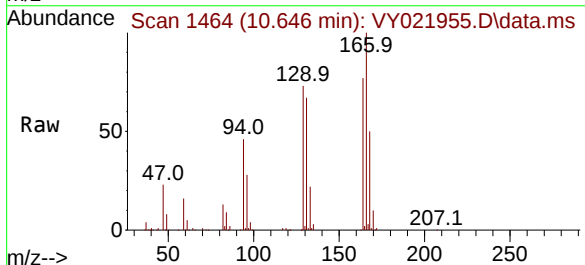
Ion Ratio Lower Upper

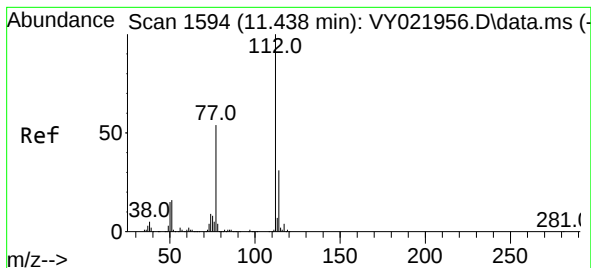
164 100

166 129.3 103.6 155.4

129 94.0 74.2 111.4

131 86.8 72.6 108.8

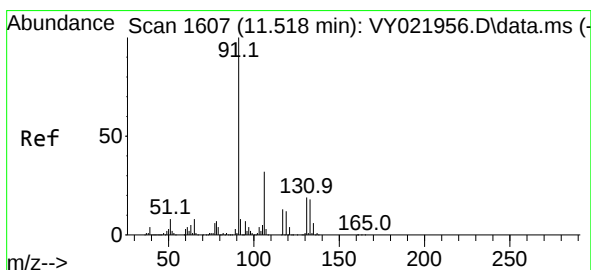
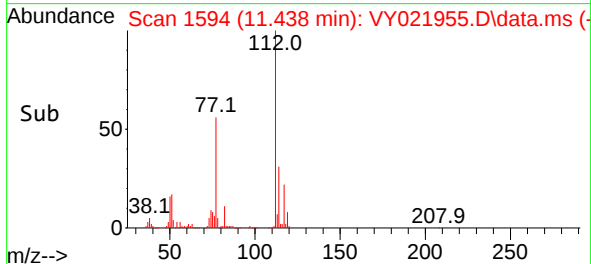
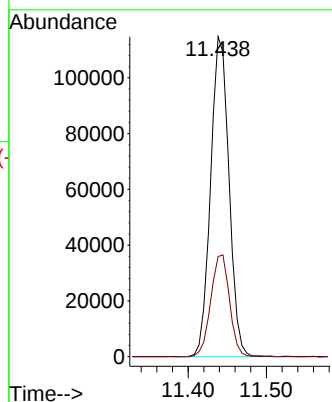
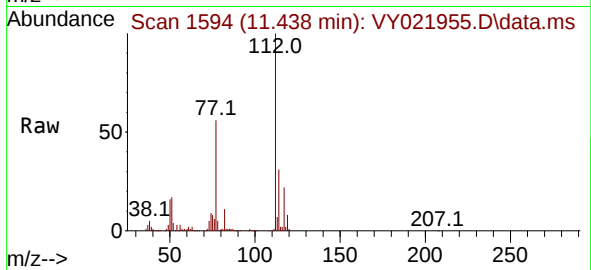




#65
Chlorobenzene
Concen: 18.866 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

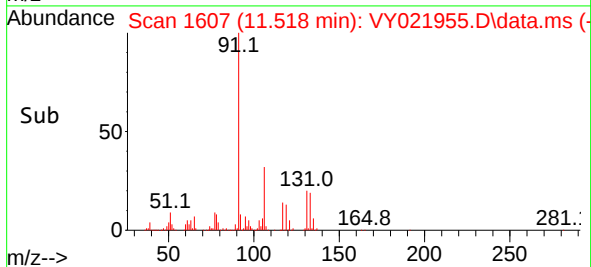
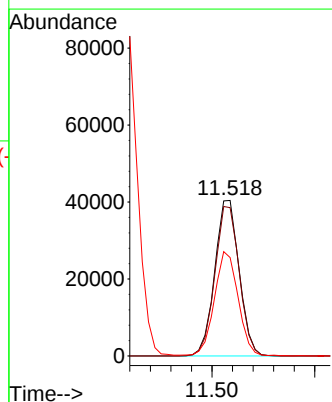
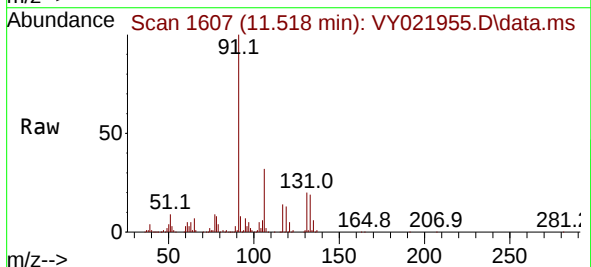
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

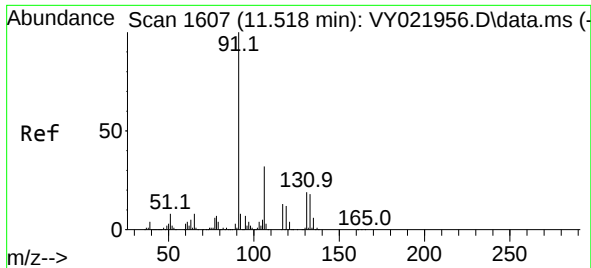
Tgt Ion:112 Resp: 186901
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.091 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:131 Resp: 66586
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 65.6 32.4 97.0

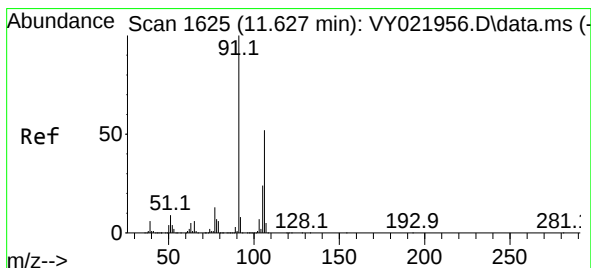
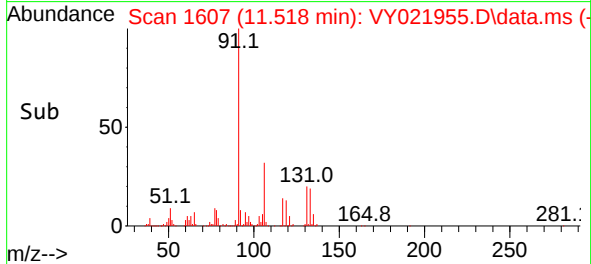
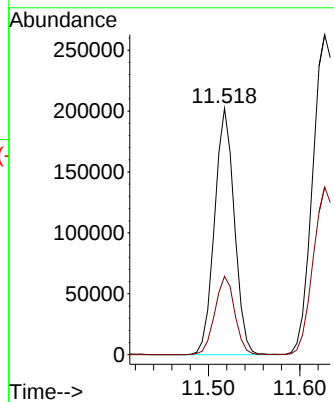
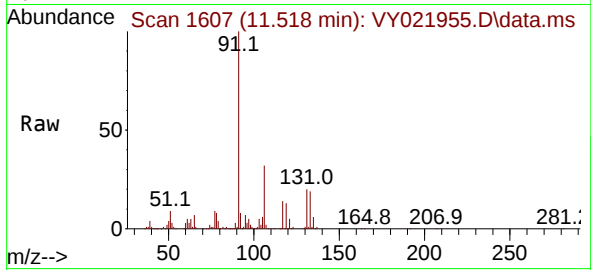




#67
Ethyl Benzene
Concen: 18.789 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

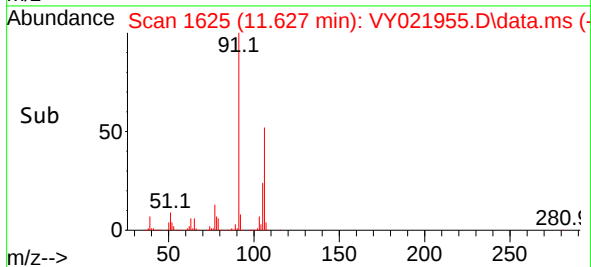
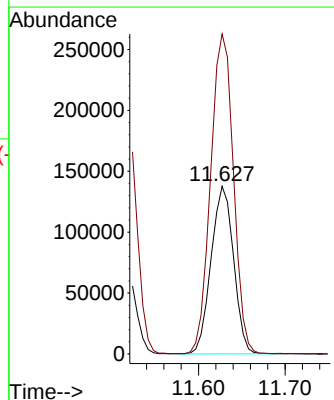
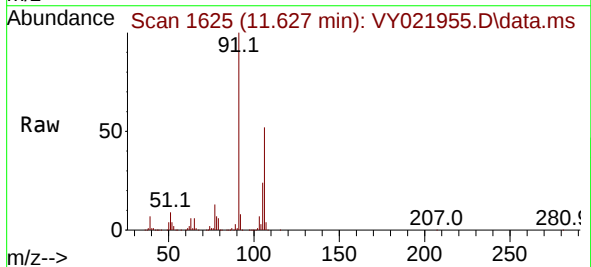
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

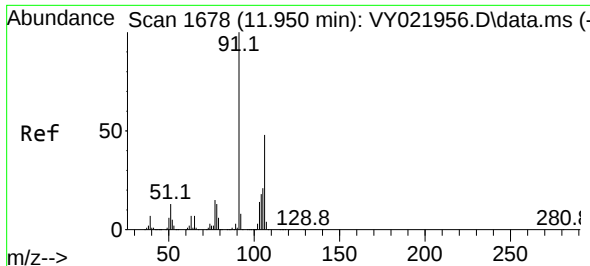
Tgt Ion: 91 Resp: 304501
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



#68
m/p-Xylenes
Concen: 38.407 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:106 Resp: 247677
Ion Ratio Lower Upper
106 100
91 194.2 156.2 234.2

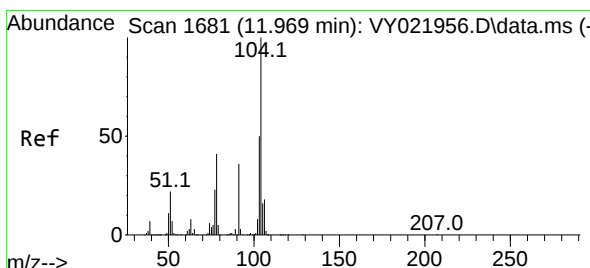
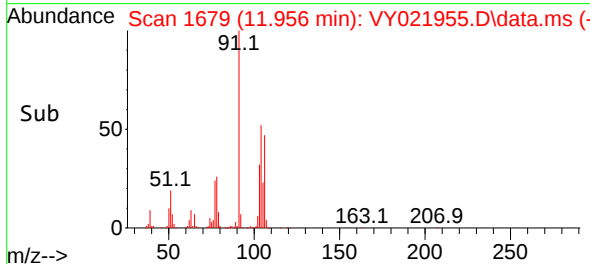
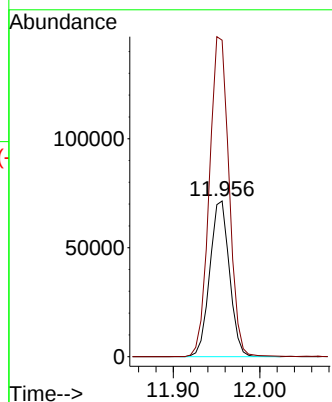
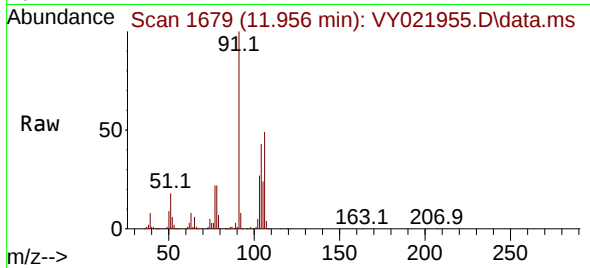




#69
o-Xylene
Concen: 18.945 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

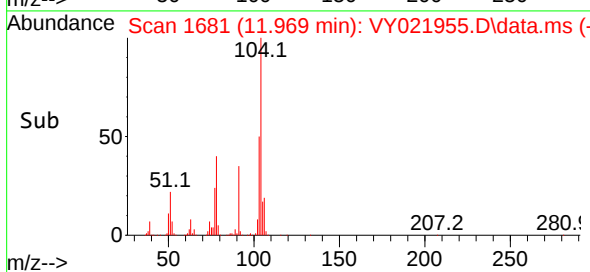
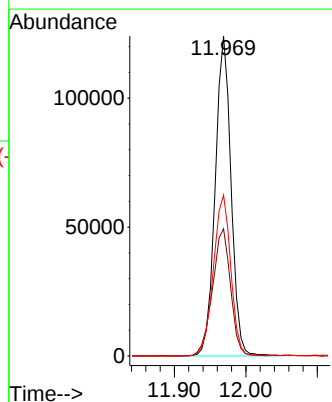
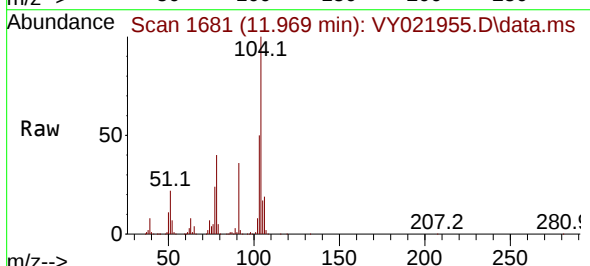
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

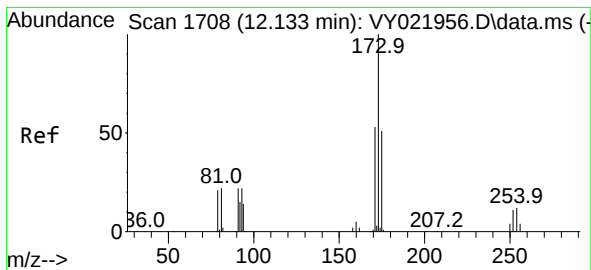
Tgt Ion:106 Resp: 112603
Ion Ratio Lower Upper
106 100
91 206.1 103.0 308.9



#70
Styrene
Concen: 19.149 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:104 Resp: 191106
Ion Ratio Lower Upper
104 100
78 45.3 36.6 54.8
103 55.3 43.8 65.8





#71

Bromoform

Concen: 19.573 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

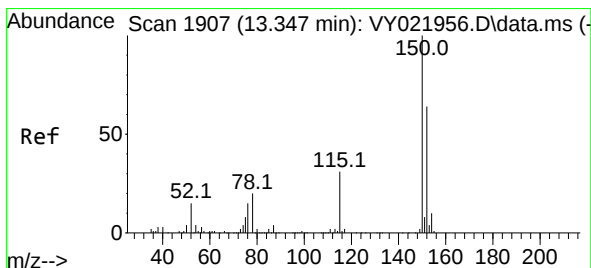
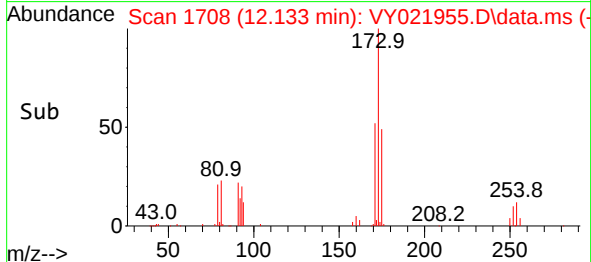
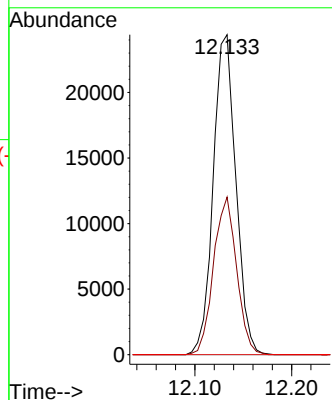
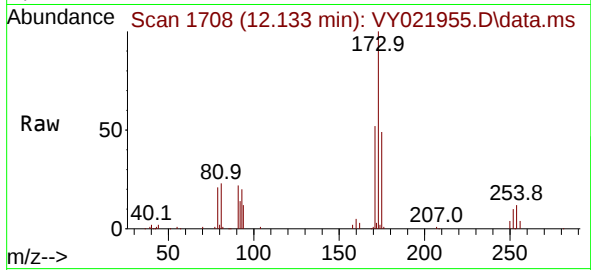
Tgt Ion:173 Resp: 39690

Ion Ratio Lower Upper

173 100

175 50.2 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

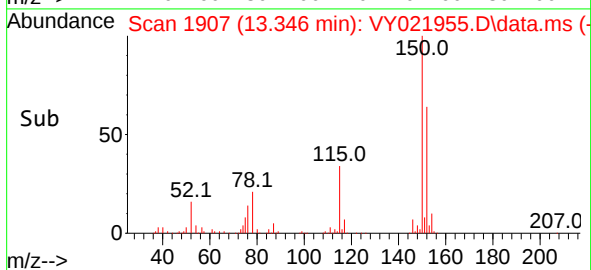
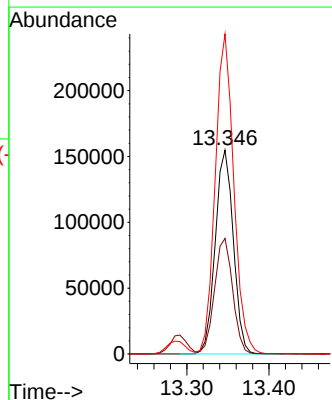
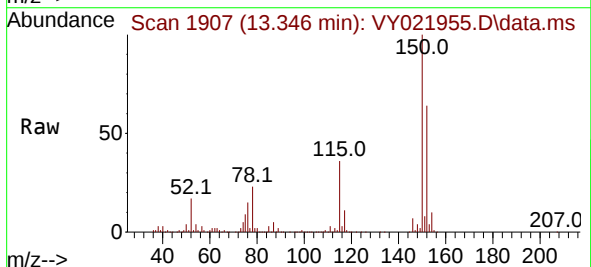
Tgt Ion:152 Resp: 236548

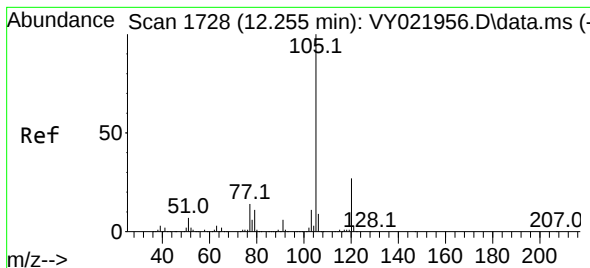
Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 161.0 0.0 345.6





#73

Isopropylbenzene

Concen: 18.570 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

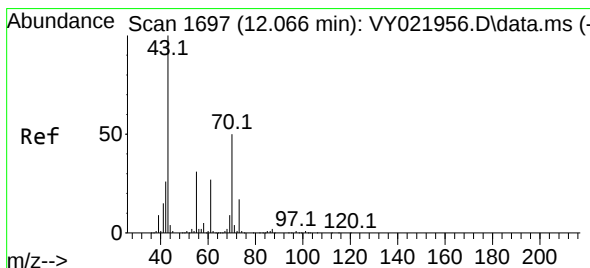
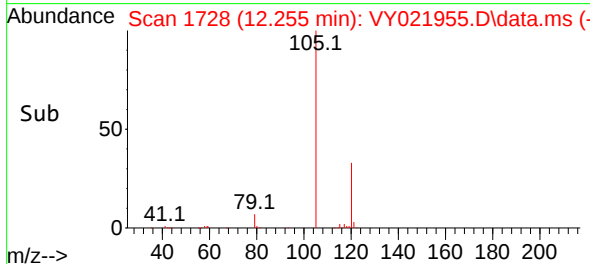
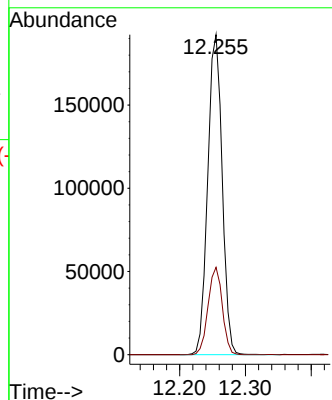
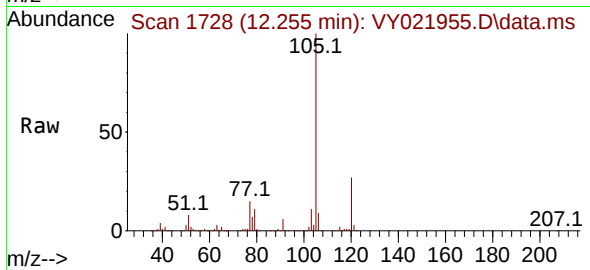
VSTDIC020

Tgt Ion:105 Resp: 293481

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 19.271 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 52325

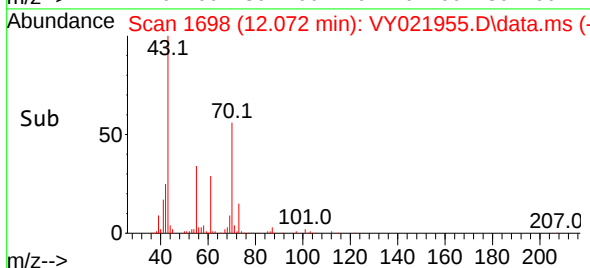
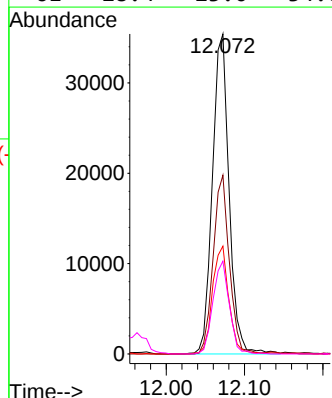
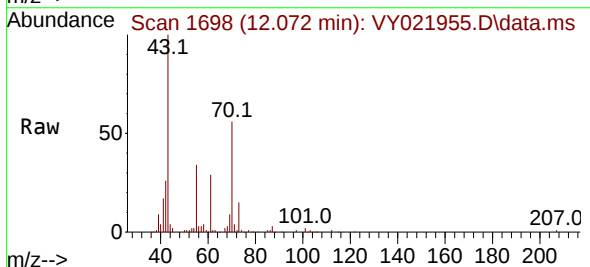
Ion Ratio Lower Upper

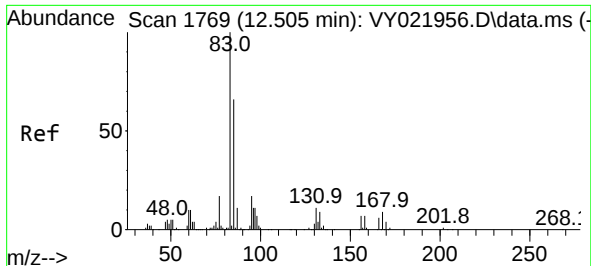
43 100

70 54.1 43.2 64.8

55 33.2 25.7 38.5

61 28.4 23.0 34.6

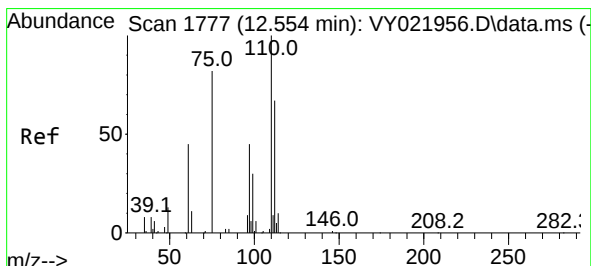
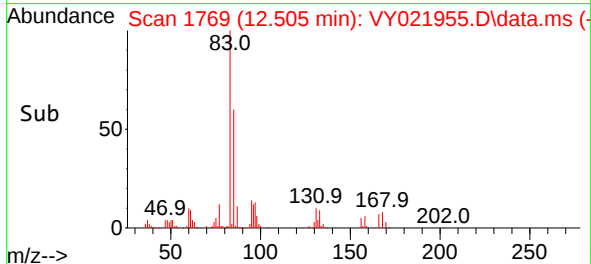
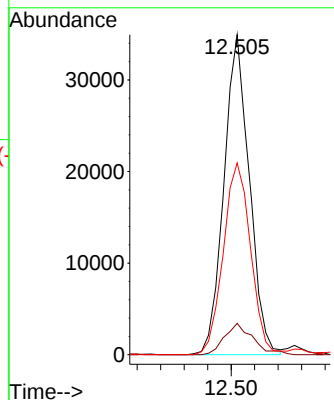
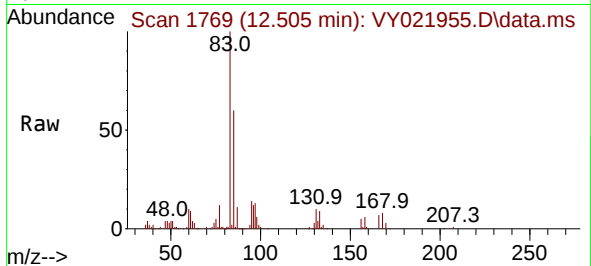




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.713 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

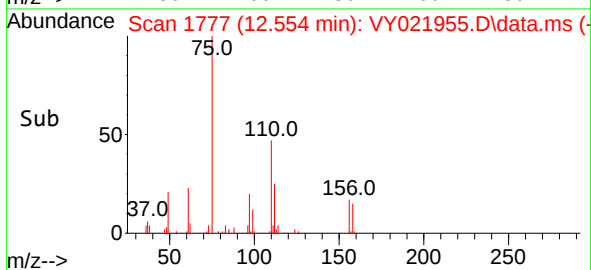
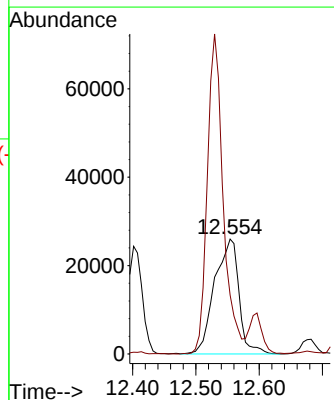
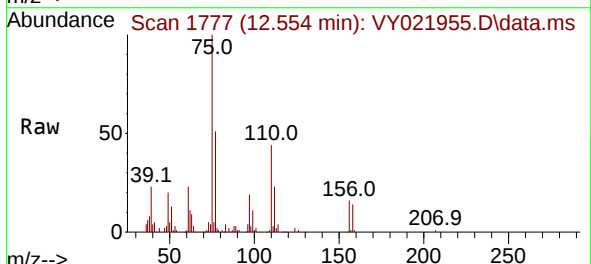
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

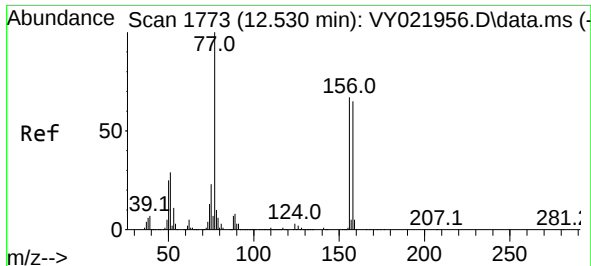
Tgt Ion: 83 Resp: 52524
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.4
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.319 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 69448
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

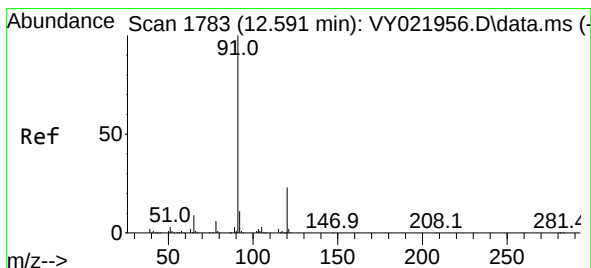
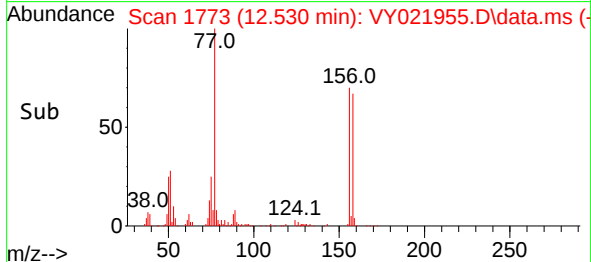
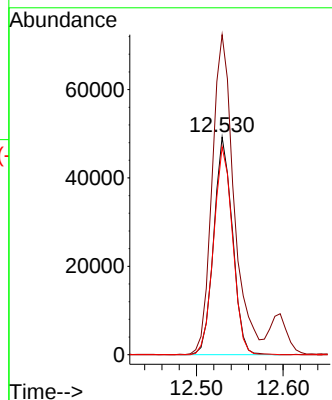
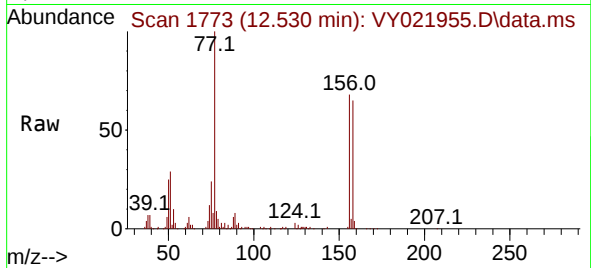




#77
Bromobenzene
Concen: 18.490 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

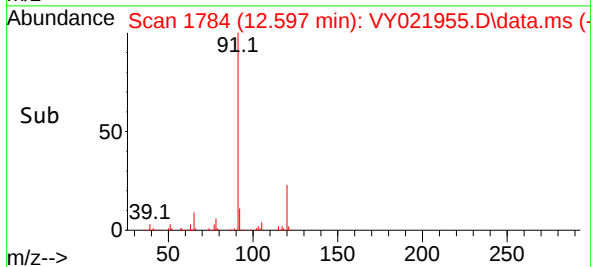
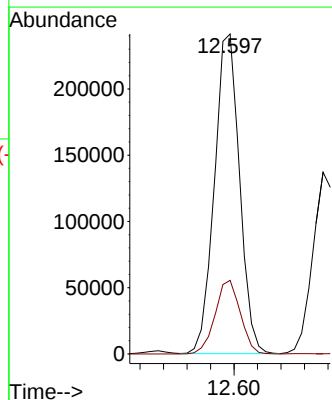
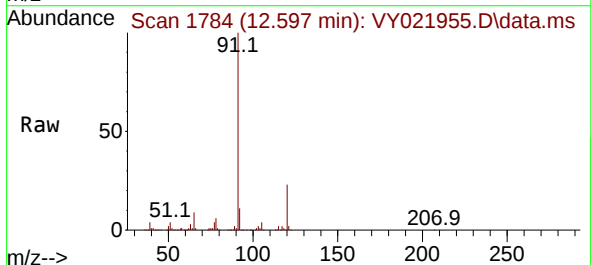
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

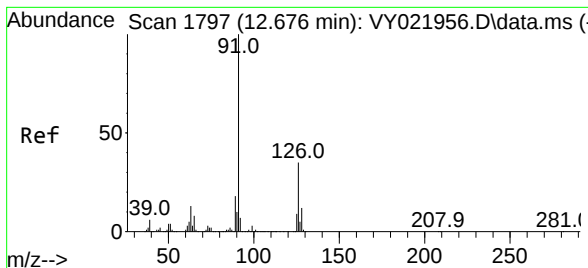
Tgt Ion:156 Resp: 73838
Ion Ratio Lower Upper
156 100
77 171.2 82.7 248.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 18.992 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 357438
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

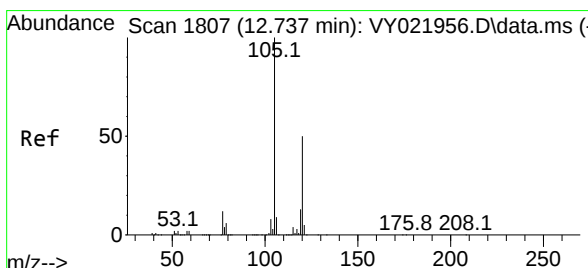
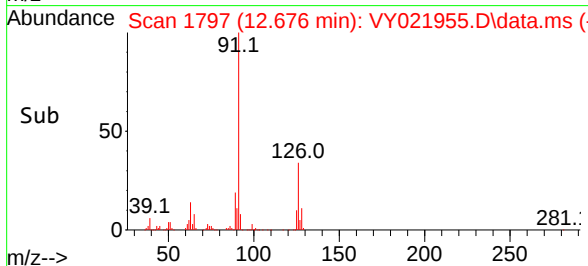
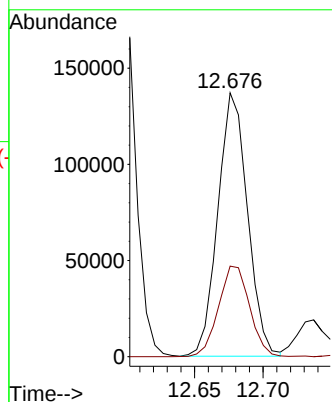
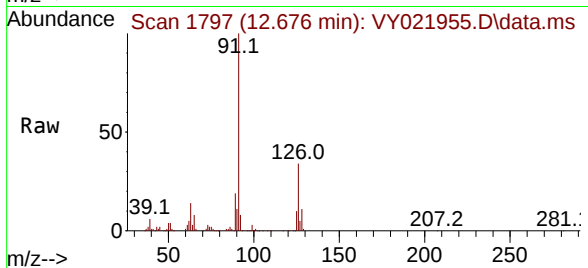




#79
2-Chlorotoluene
Concen: 18.840 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

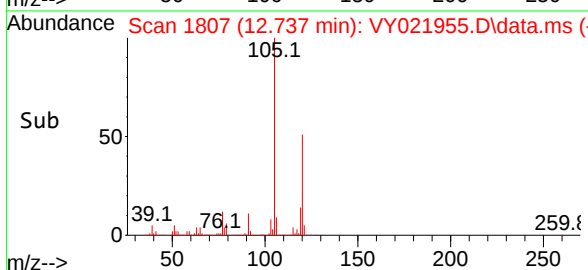
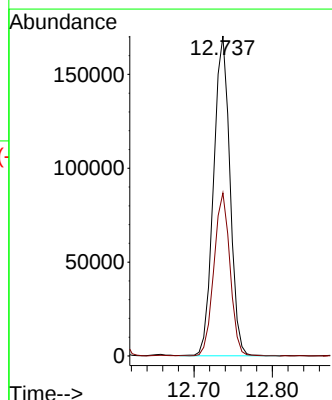
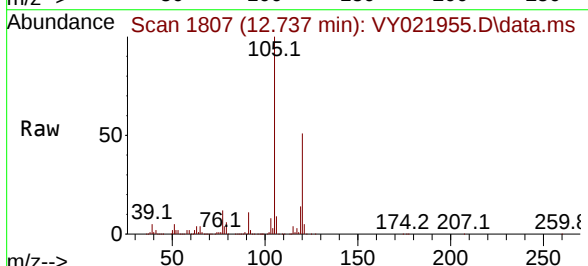
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

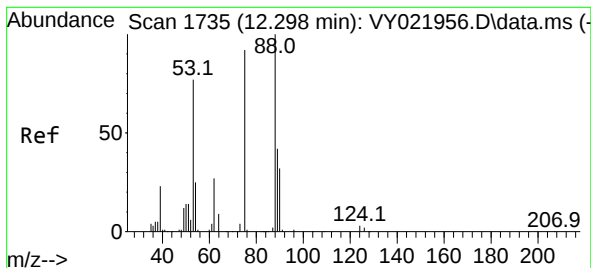
Tgt Ion: 91 Resp: 206212
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 18.997 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 105 Resp: 247372
Ion Ratio Lower Upper
105 100
120 50.1 25.0 75.0

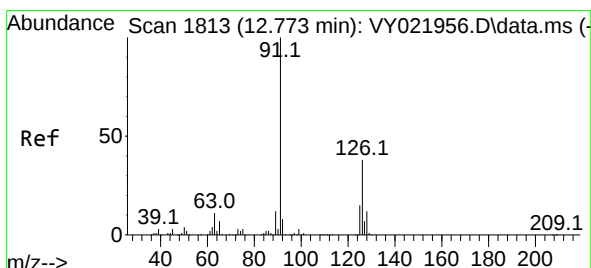
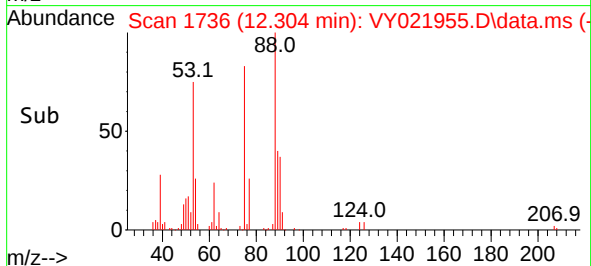
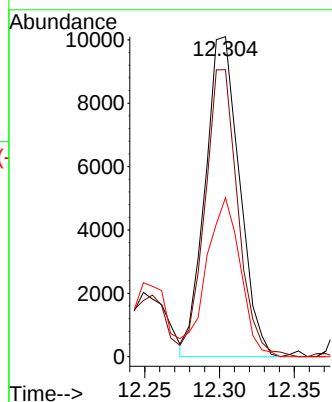
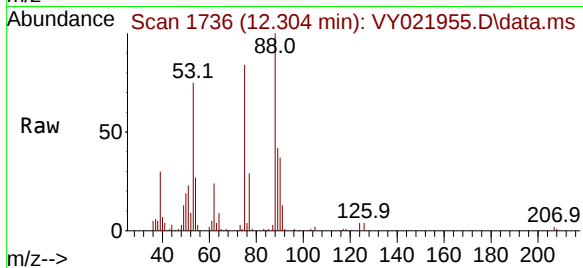




#81
trans-1,4-Dichloro-2-butene
Concen: 19.163 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

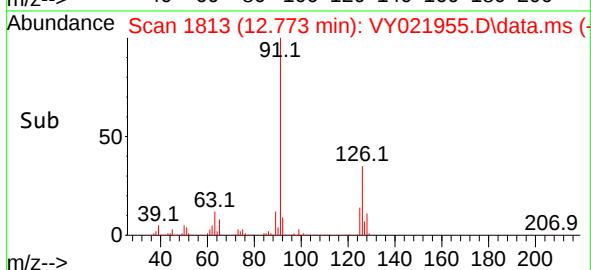
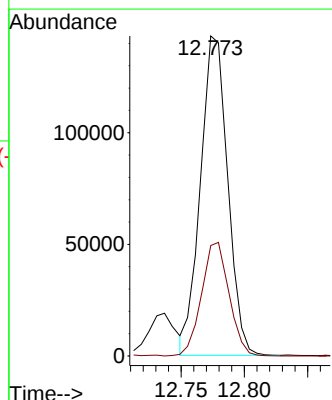
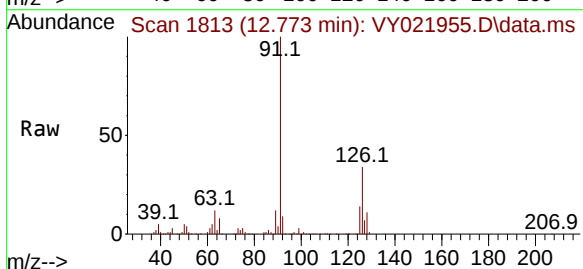
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

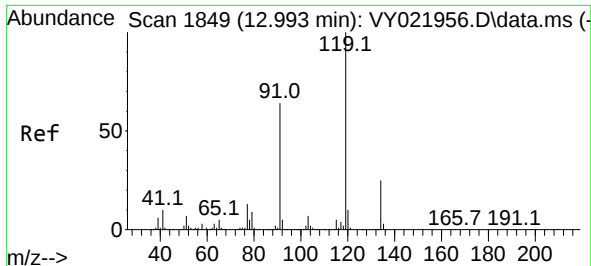
Tgt Ion: 75 Resp: 16123
Ion Ratio Lower Upper
75 100
53 85.8 66.0 99.0
89 49.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 18.876 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 214776
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

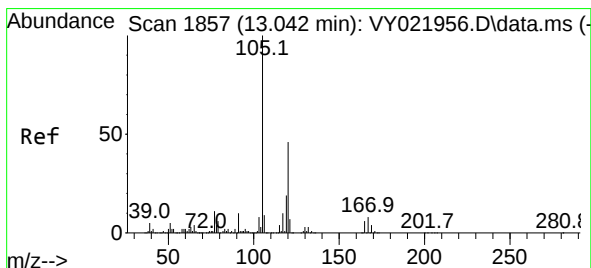
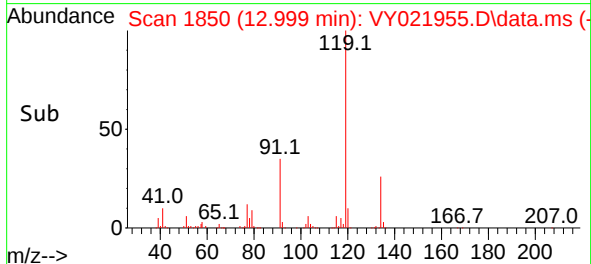
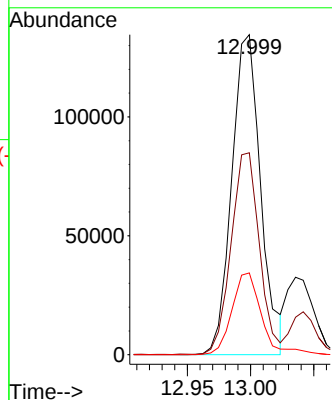
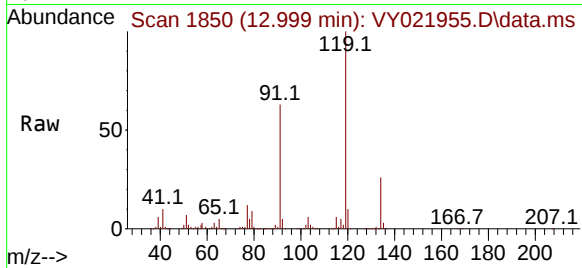




#83
tert-Butylbenzene
Concen: 18.337 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

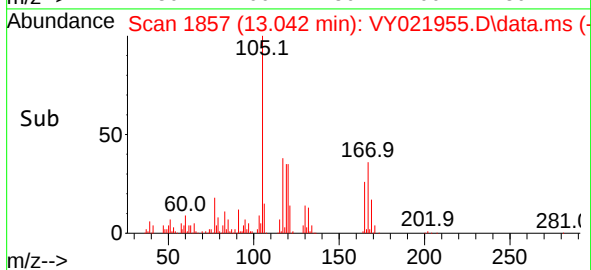
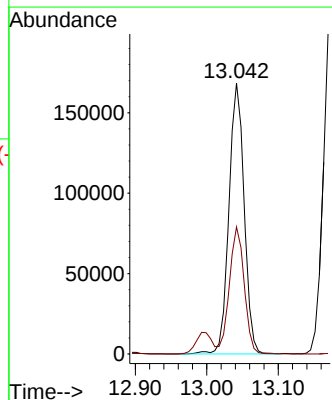
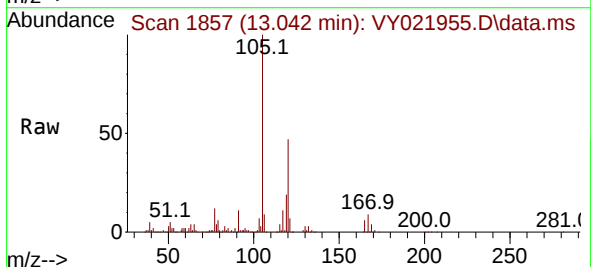
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

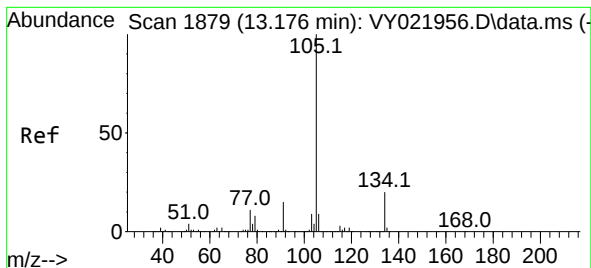
Tgt Ion:119 Resp: 214149
Ion Ratio Lower Upper
119 100
91 61.8 30.3 90.9
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.110 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:105 Resp: 248902
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 18.873 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

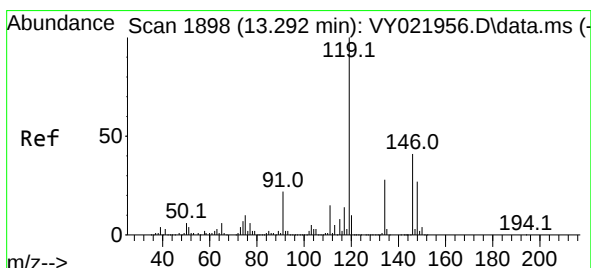
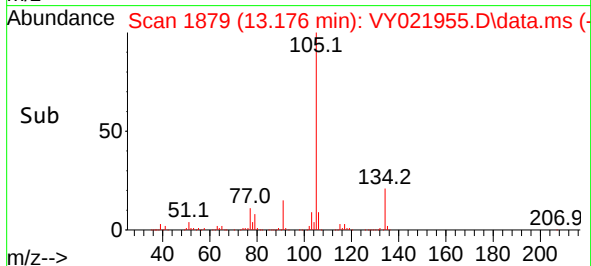
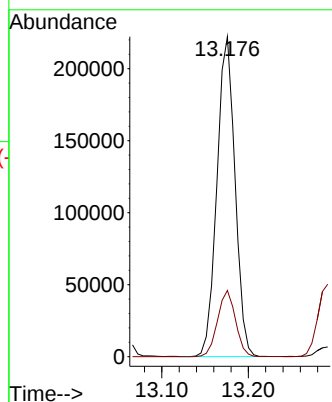
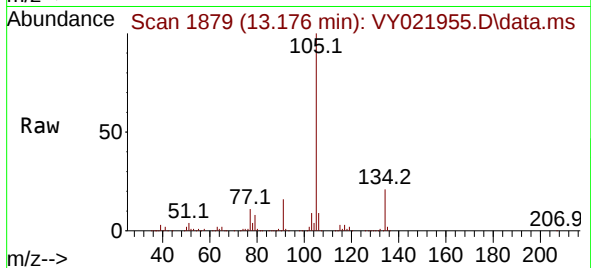
VSTDIC020

Tgt Ion:105 Resp: 322522

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 18.706 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

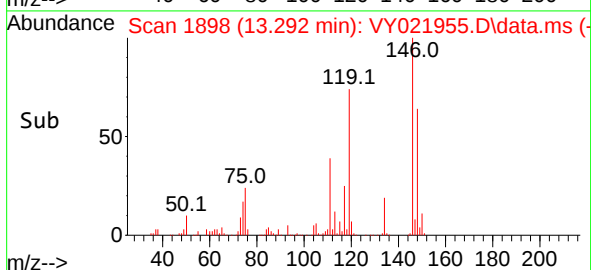
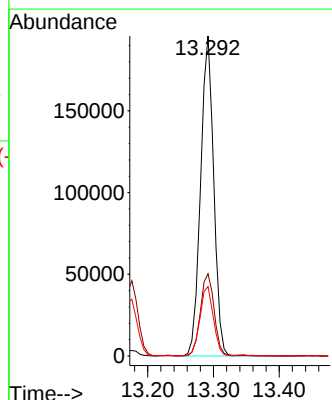
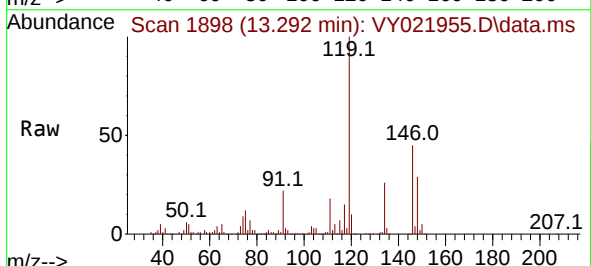
Tgt Ion:119 Resp: 271440

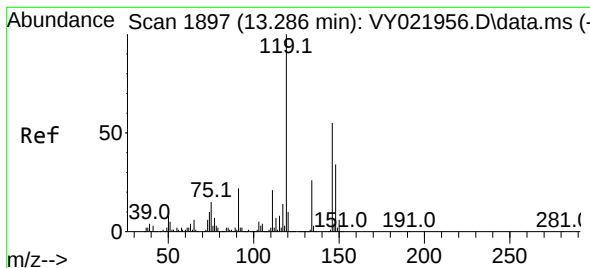
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.602 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

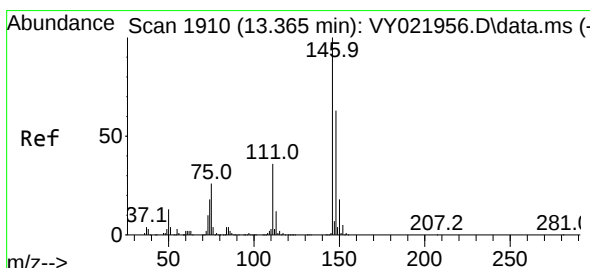
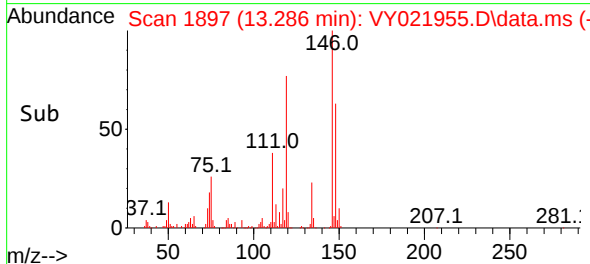
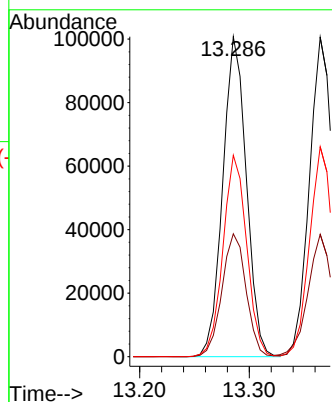
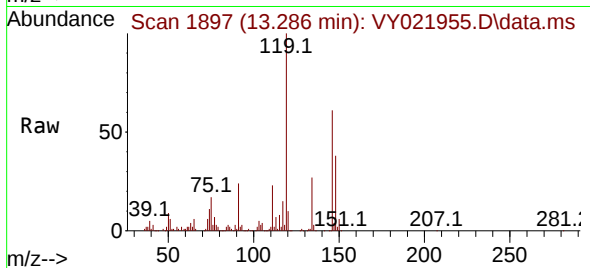
Tgt Ion:146 Resp: 150873

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 63.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.905 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

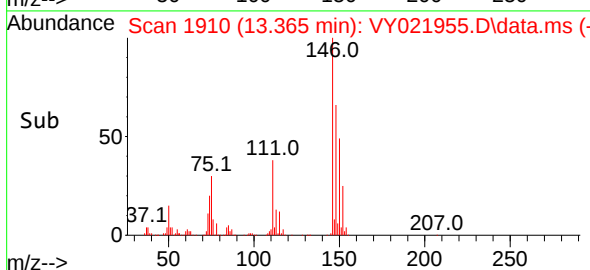
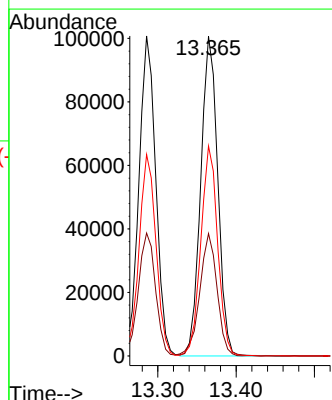
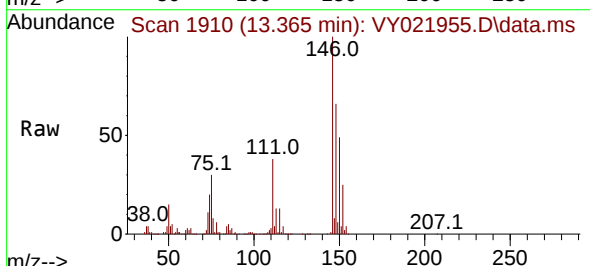
Tgt Ion:146 Resp: 151864

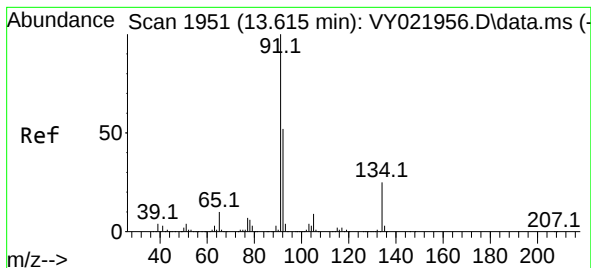
Ion Ratio Lower Upper

146 100

111 39.0 19.2 57.6

148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 18.566 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

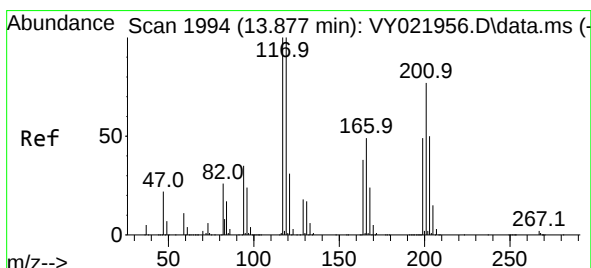
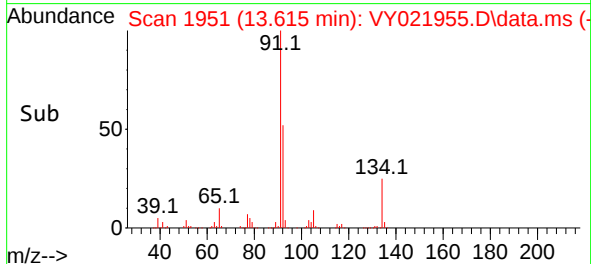
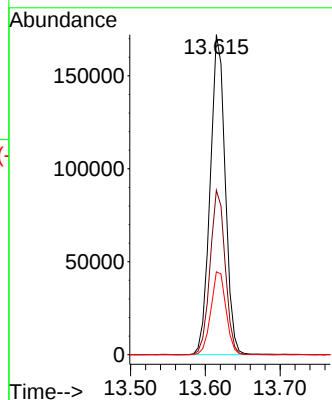
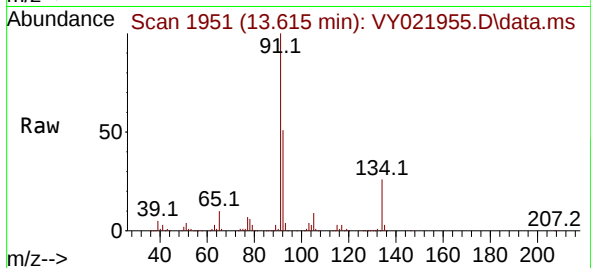
Tgt Ion: 91 Resp: 240816

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 26.2 13.4 40.1



#90

Hexachloroethane

Concen: 18.211 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY021955.D

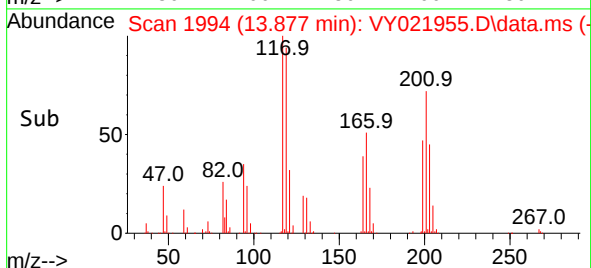
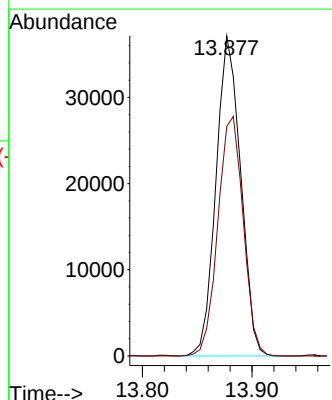
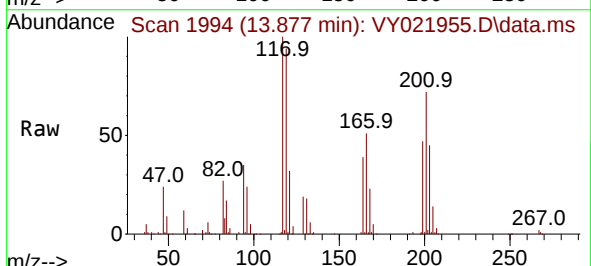
Acq: 22 Apr 2025 15:07

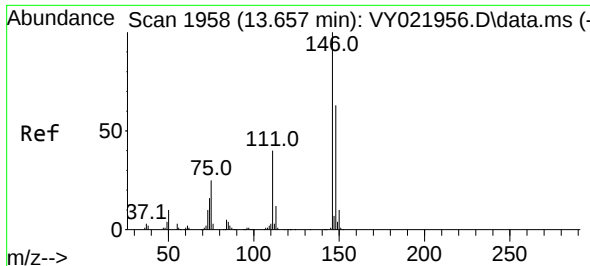
Tgt Ion: 117 Resp: 58060

Ion Ratio Lower Upper

117 100

201 76.9 38.7 116.1

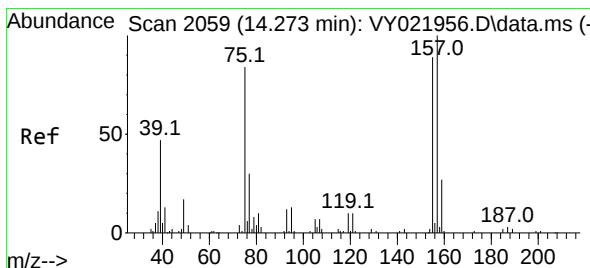
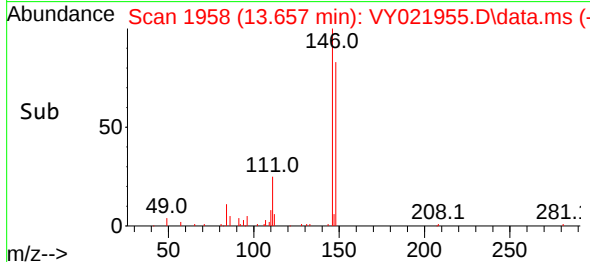
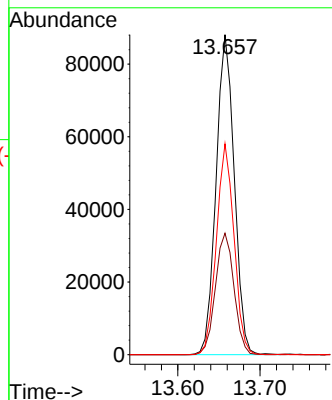
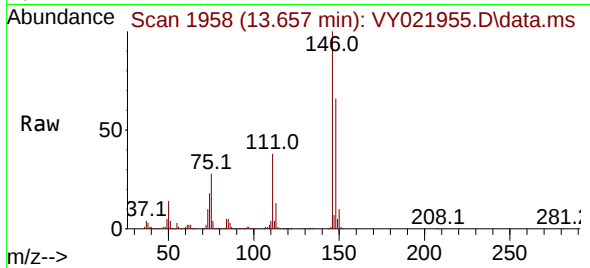




#91
1,2-Dichlorobenzene
Concen: 19.175 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

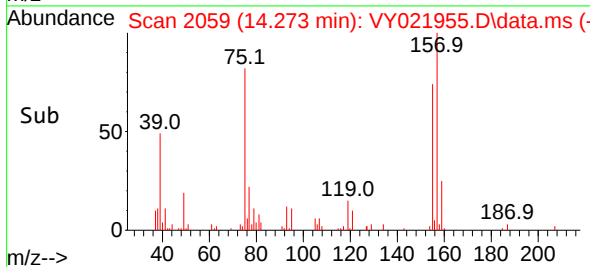
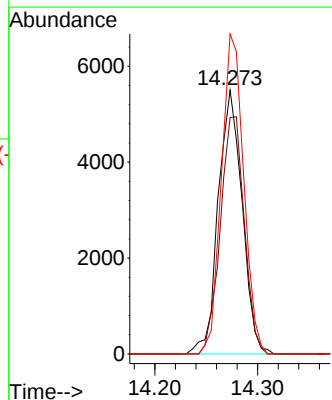
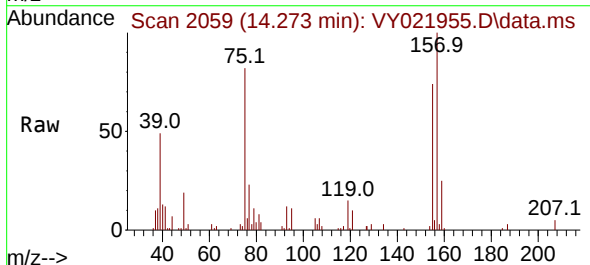
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

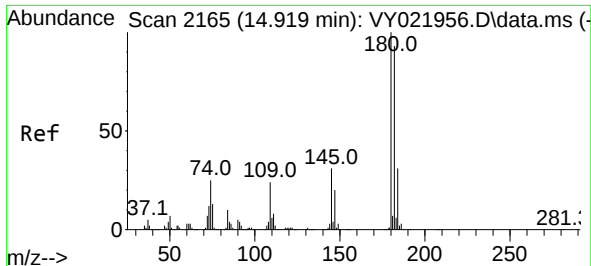
Tgt Ion:146 Resp: 135650
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.1
148 63.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.910 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 8864
Ion Ratio Lower Upper
75 100
155 90.1 50.7 152.3
157 113.1 62.6 187.8

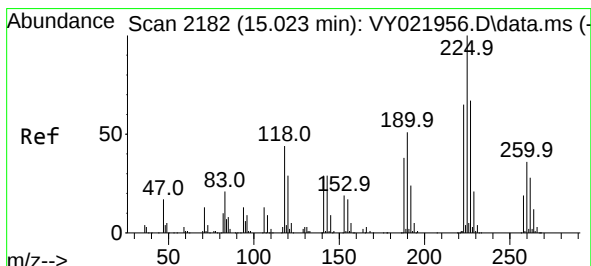
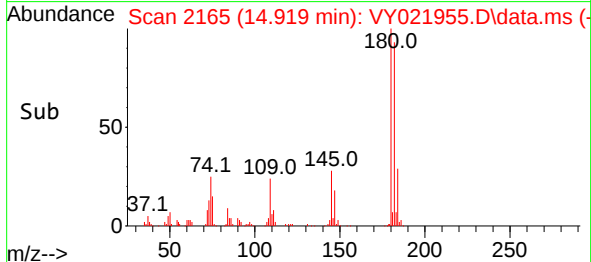
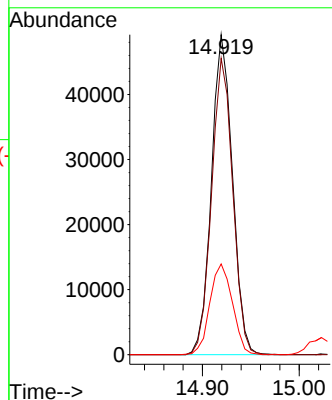
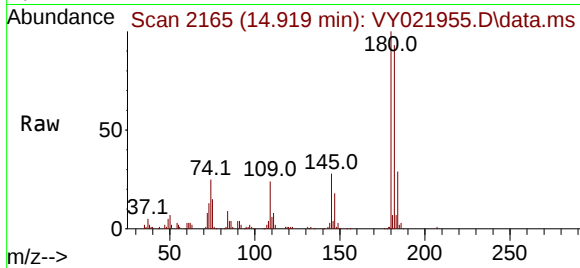




#93
 1,2,4-Trichlorobenzene
 Concen: 18.532 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

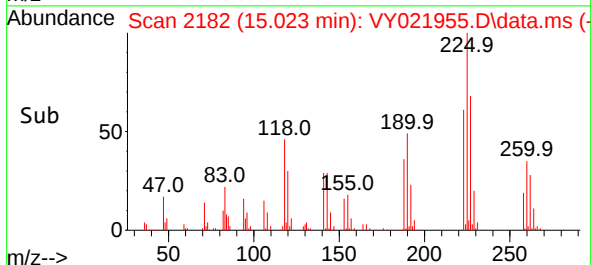
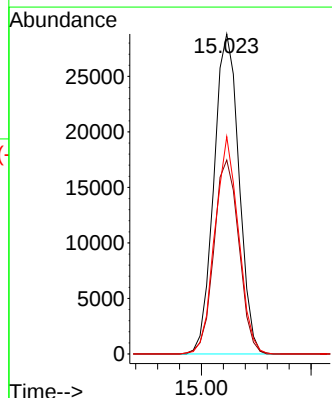
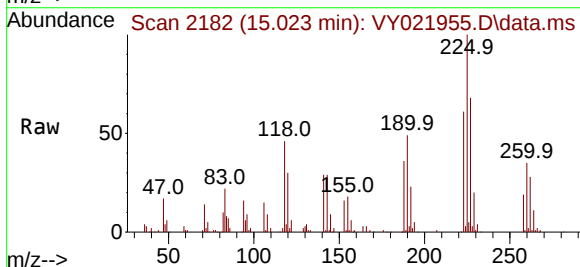
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

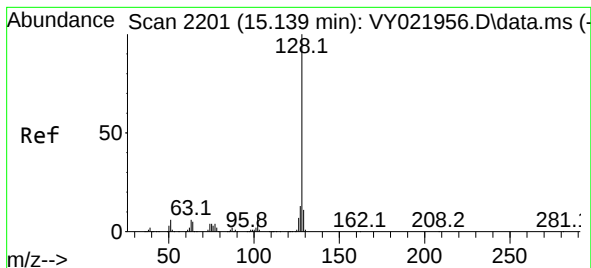
Tgt Ion:	180	Resp:	74289
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.1	141.4
145	30.4	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 18.538 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY021955.D
 Acq: 22 Apr 2025 15:07

Tgt Ion:	225	Resp:	45722
Ion Ratio	Lower	Upper	
225	100		
223	60.5	31.9	95.5
227	64.3	32.3	96.9





#95

Naphthalene

Concen: 18.238 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

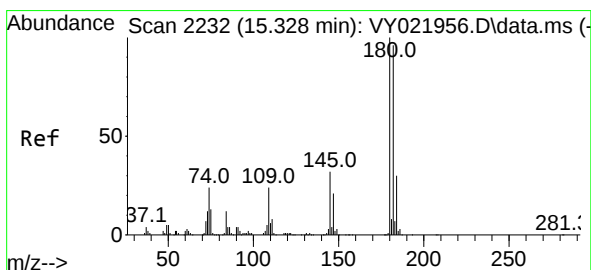
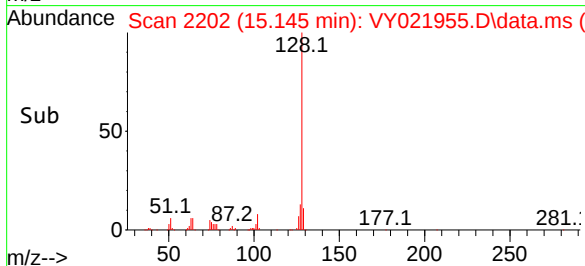
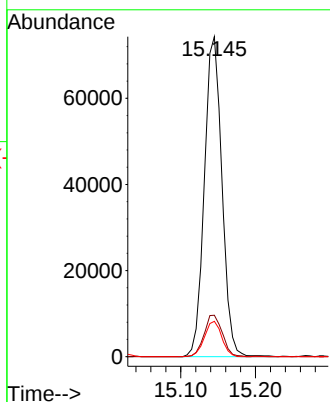
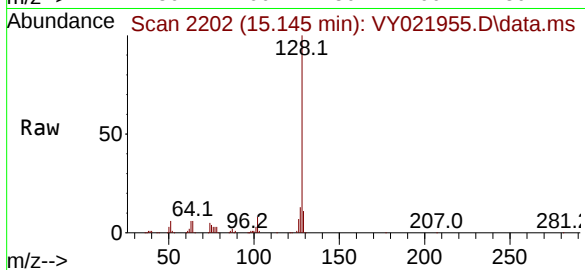
Tgt Ion:128 Resp: 121454

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.707 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021955.D

Acq: 22 Apr 2025 15:07

Tgt Ion:180 Resp: 64735

Ion Ratio Lower Upper

180 100

182 94.0 48.1 144.4

145 32.0 16.0 48.0

