

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020766.D
 Acq On : 03 Jan 2025 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 22:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	164412	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	238088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	206986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	104334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71178	52.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.640	113	70029	53.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.109	98	268848	51.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.414	95	92185	52.894	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	55917	43.209	ug/l	96
3) Chloromethane	2.074	50	28099	58.220	ug/l	97
4) Vinyl Chloride	2.208	62	34053	56.947	ug/l	99
5) Bromomethane	2.605	94	23282	51.567	ug/l	96
6) Chloroethane	2.739	64	20506	57.164	ug/l	93
7) Trichlorofluoromethane	3.068	101	99548	43.290	ug/l	99
8) Diethyl Ether	3.458	74	34015	62.162	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.824	101	65803	52.124	ug/l	97
10) Methyl Iodide	4.013	142	76423	55.359	ug/l	89
11) Tert butyl alcohol	4.885	59	26873	325.629	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	62036	55.209	ug/l	89
13) Acrolein	3.659	56	7593	269.718	ug/l	98
14) Allyl chloride	4.391	41	88095	66.996	ug/l #	81
15) Acrylonitrile	5.067	53	73206	346.309	ug/l	97
16) Acetone	3.879	43	49469	289.563	ug/l	97
17) Carbon Disulfide	4.116	76	157408	57.106	ug/l	99
18) Methyl Acetate	4.397	43	36020	77.902	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	176497	56.354	ug/l	97
20) Methylene Chloride	4.629	84	65340	58.805	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	68070	56.216	ug/l	94
22) Diisopropyl ether	6.025	45	187125	70.004	ug/l	92
23) Vinyl Acetate	5.970	43	550295	344.664	ug/l	95
24) 1,1-Dichloroethane	5.921	63	119195	59.475	ug/l	99
25) 2-Butanone	6.903	43	85325	369.728	ug/l	92
26) 2,2-Dichloropropane	6.896	77	118709	48.394	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	83588	57.644	ug/l	97
28) Bromochloromethane	7.256	49	40271	75.985	ug/l	89
29) Tetrahydrofuran	7.274	42	55760	393.631	ug/l	92
30) Chloroform	7.427	83	134392	52.129	ug/l	93
31) Cyclohexane	7.707	56	94630	54.703	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	128455	46.483	ug/l	98
36) 1,1-Dichloropropene	7.841	75	91033	52.550	ug/l	97
37) Ethyl Acetate	6.988	43	40160	70.352	ug/l	97
38) Carbon Tetrachloride	7.829	117	123550	43.312	ug/l	97
39) Methylcyclohexane	9.116	83	113467	51.103	ug/l	96
40) Benzene	8.085	78	279704	55.712	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22558	78.231	ug/l	93
42) 1,2-Dichloroethane	8.165	62	77754	48.299	ug/l	95
43) Isopropyl Acetate	8.201	43	80932	66.702	ug/l	96
44) Trichloroethene	8.872	130	75924	50.632	ug/l	96
45) 1,2-Dichloropropane	9.146	63	62611	61.609	ug/l	96
46) Dibromomethane	9.237	93	38654	54.971	ug/l	97
47) Bromodichloromethane	9.426	83	101249	50.788	ug/l	94
48) Methyl methacrylate	9.225	41	37034	65.360	ug/l #	89
49) 1,4-Dioxane	9.237	88	9129	1362.949	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	204913	349.894	ug/l	99
52) Toluene	10.176	92	184916	53.739	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	94995	54.254	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	107666	56.099	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	51644	57.537	ug/l	96
56) Ethyl methacrylate	10.445	69	73753	62.546	ug/l #	93
57) 1,3-Dichloropropane	10.719	76	87537	60.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	162639	395.529	ug/l	94
59) 2-Hexanone	10.768	43	137294	355.066	ug/l	100
60) Dibromochloromethane	10.914	129	74432	51.320	ug/l	99
61) 1,2-Dibromoethane	11.018	107	48903	57.902	ug/l	99
64) Tetrachloroethene	10.652	164	68060	48.128	ug/l	96
65) Chlorobenzene	11.444	112	208341	51.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	77194	49.162	ug/l	97
67) Ethyl Benzene	11.524	91	360927	50.952	ug/l	99
68) m/p-Xylenes	11.633	106	275726	102.041	ug/l	96
69) o-Xylene	11.963	106	131319	50.866	ug/l	99
70) Styrene	11.975	104	221208	51.042	ug/l	98
71) Bromoform	12.139	173	47387	52.492	ug/l #	99
73) Isopropylbenzene	12.261	105	357114	49.404	ug/l	100
74) N-amyl acetate	12.072	43	70548	68.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	59634	64.354	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	77128	116.230	ug/l #	100
77) Bromobenzene	12.536	156	85275	51.248	ug/l	96
78) n-propylbenzene	12.603	91	412958	50.972	ug/l	98
79) 2-Chlorotoluene	12.682	91	235413	50.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	292440	48.559	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	20656	61.528	ug/l	92
82) 4-Chlorotoluene	12.780	91	245691	51.474	ug/l	98
83) tert-Butylbenzene	13.005	119	273945	48.708	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	289061	49.323	ug/l	98
85) sec-Butylbenzene	13.182	105	375388	49.524	ug/l	99
86) p-Isopropyltoluene	13.298	119	325691	48.214	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	163438	50.256	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	162363	50.188	ug/l	98
89) n-Butylbenzene	13.621	91	287847	51.047	ug/l	98
90) Hexachloroethane	13.883	117	63096	49.121	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	144497	51.820	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10114	56.275	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	91484	51.616	ug/l	100
94) Hexachlorobutadiene	15.029	225	60073	46.505	ug/l	99
95) Naphthalene	15.151	128	162922	57.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	77679	52.638	ug/l	99

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QLast Update : Thu Dec 26 16:12:28 2024
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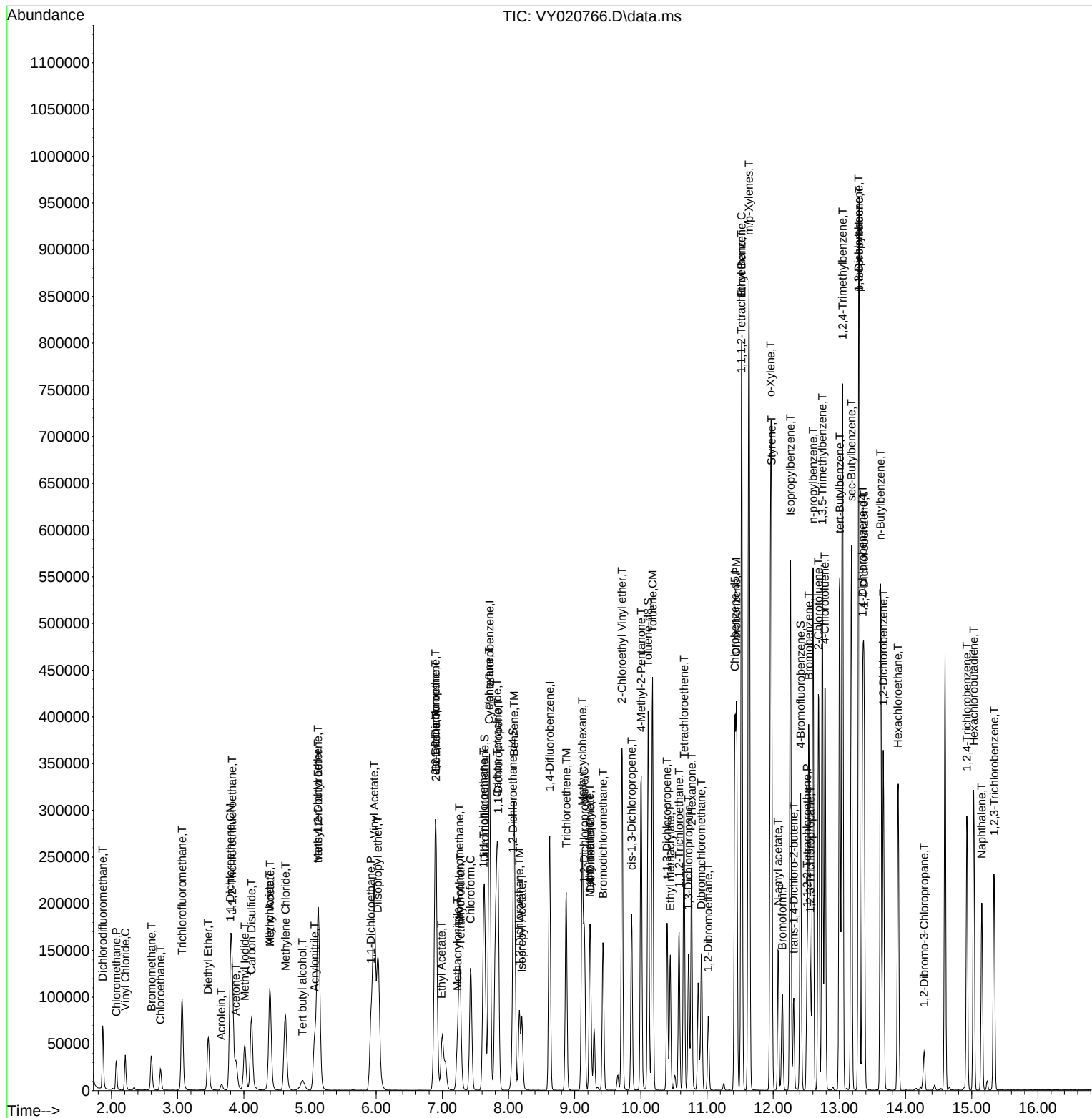
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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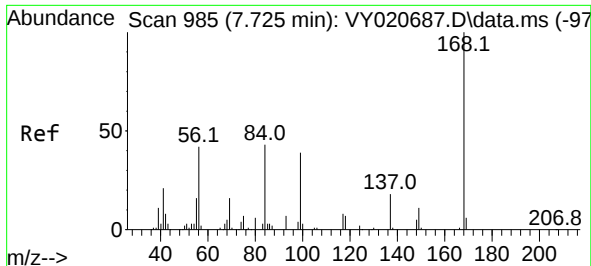
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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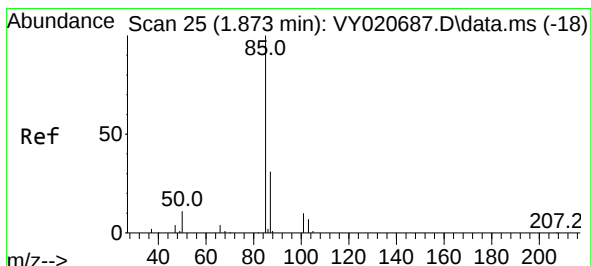
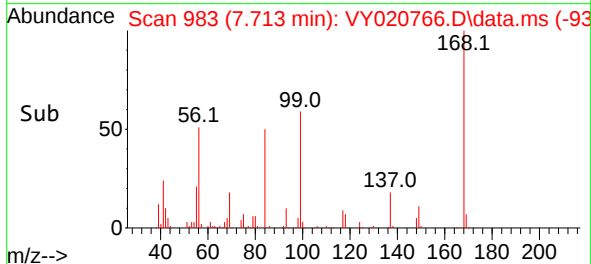
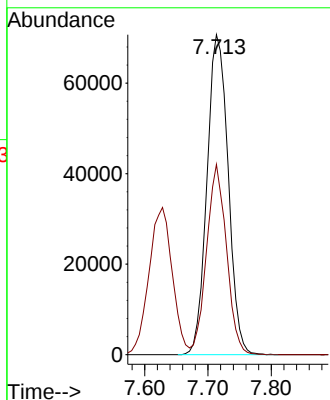
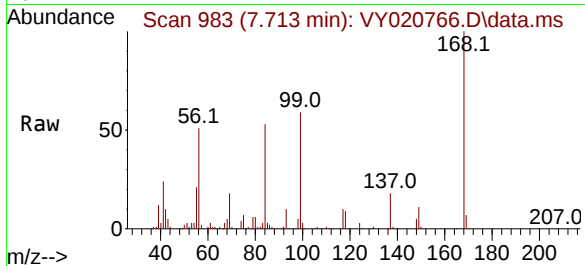




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. -0.012 min
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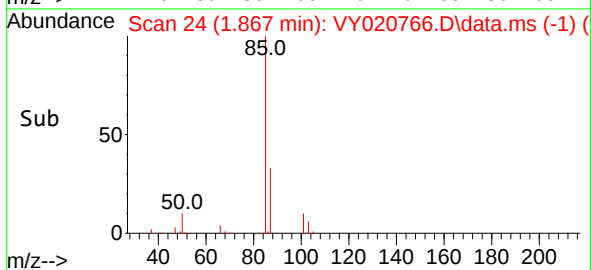
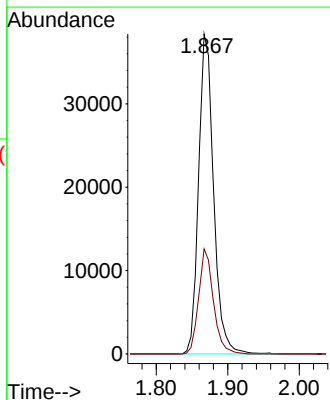
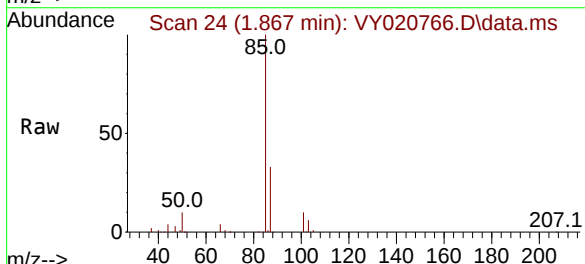
Instrument :
MSVOA_Y
ClientSampleId :

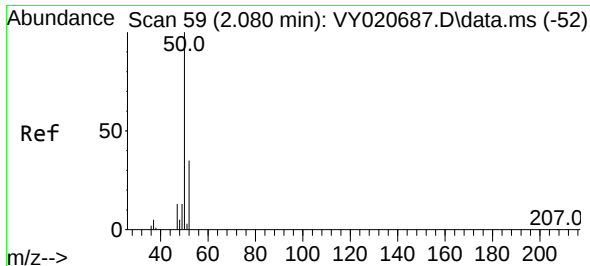
Tgt Ion:168 Resp: 164412
Ion Ratio Lower Upper
168 100
99 59.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 43.209 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 85 Resp: 55917
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.4

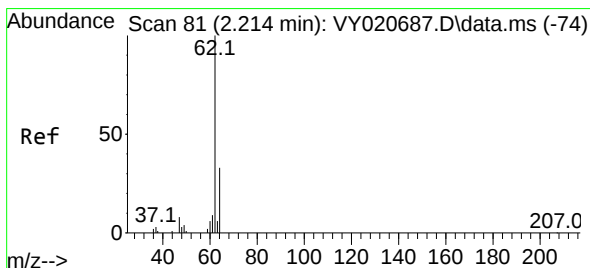
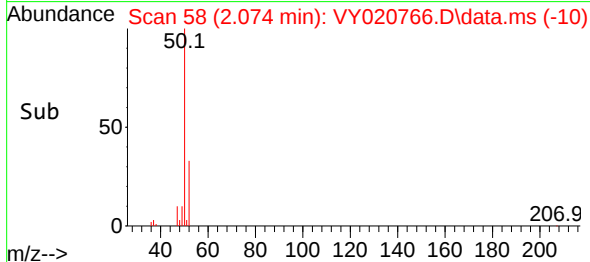
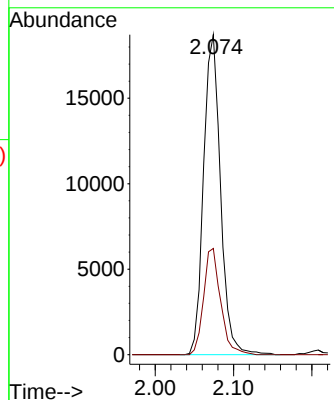
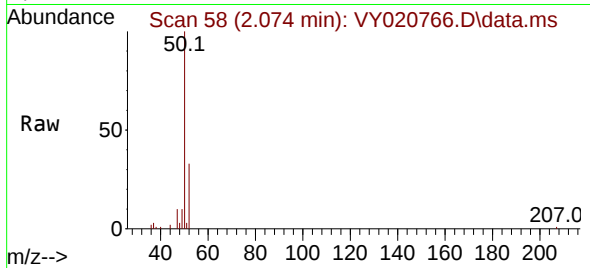




#3
Chloromethane
Concen: 58.220 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

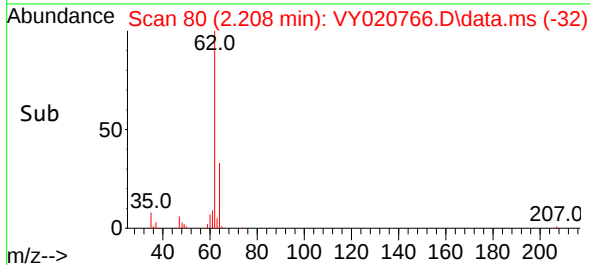
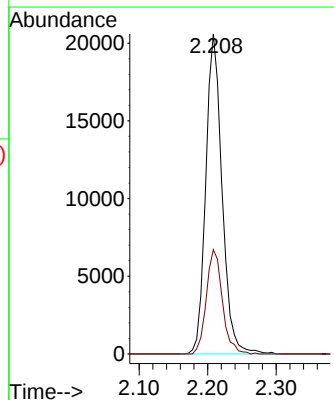
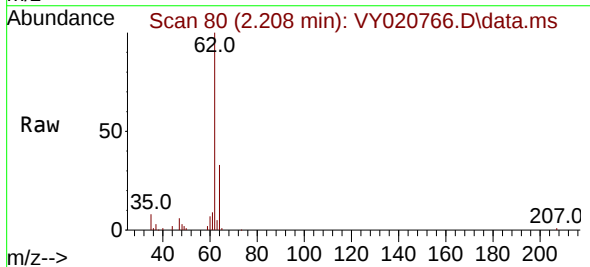
Instrument :
MSVOA_Y
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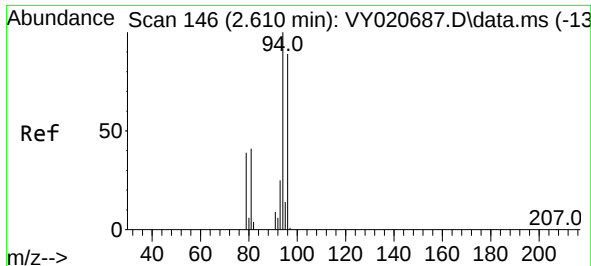
Tgt Ion: 50 Resp: 28099
Ion Ratio Lower Upper
50 100
52 33.2 28.2 42.2



#4
Vinyl Chloride
Concen: 56.947 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 62 Resp: 34053
Ion Ratio Lower Upper
62 100
64 32.6 26.6 40.0

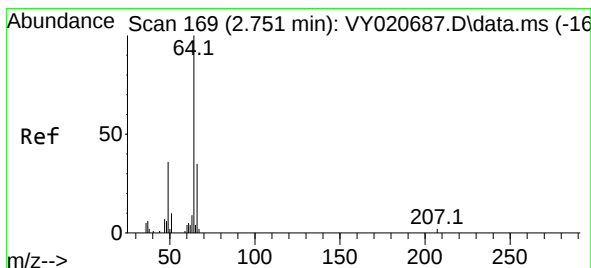
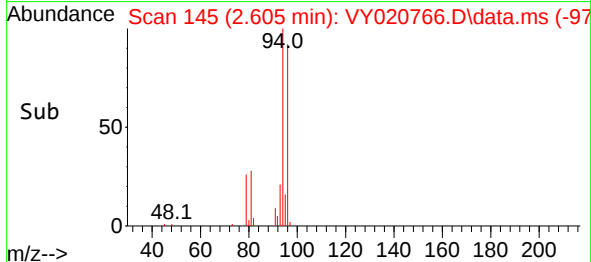
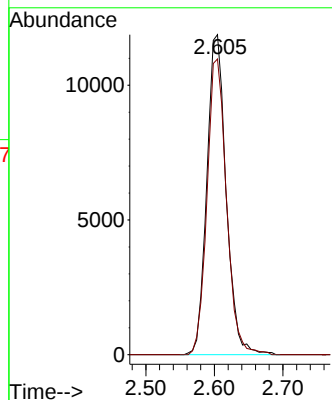
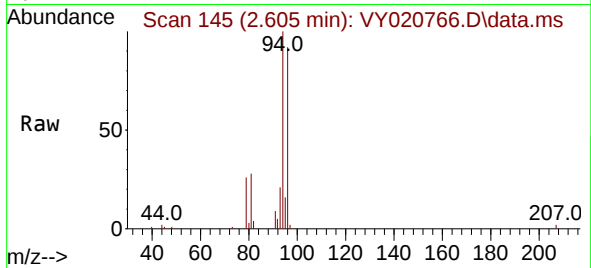




#5
Bromomethane
Concen: 51.567 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.005 min
Lab File: VY020766.D
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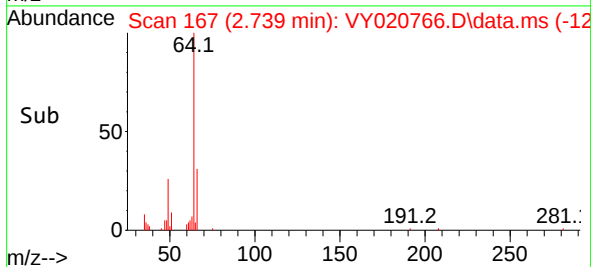
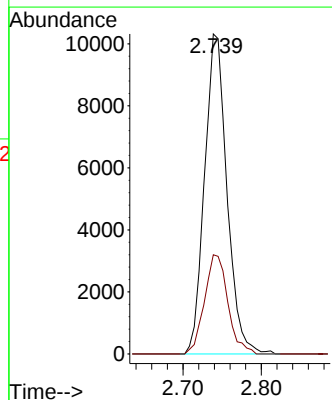
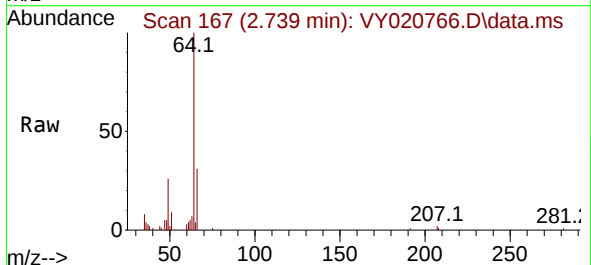
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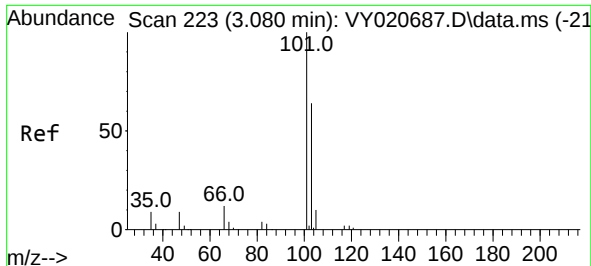
Tgt Ion: 94 Resp: 23282
Ion Ratio Lower Upper
94 100
96 92.4 71.0 106.6



#6
Chloroethane
Concen: 57.164 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 20506
Ion Ratio Lower Upper
64 100
66 31.0 27.8 41.8

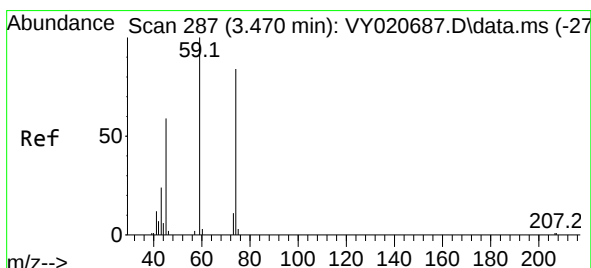
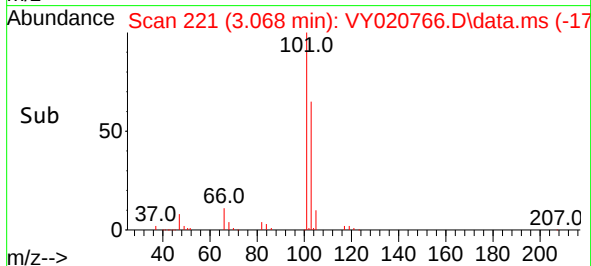
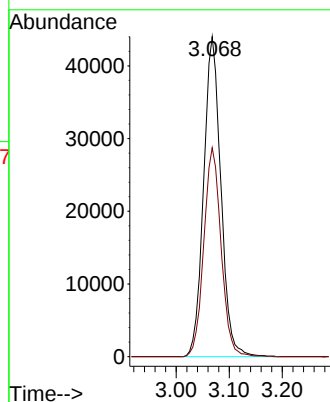
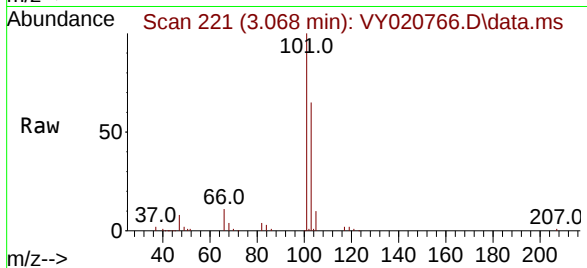




#7
Trichlorofluoromethane
Concen: 43.290 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

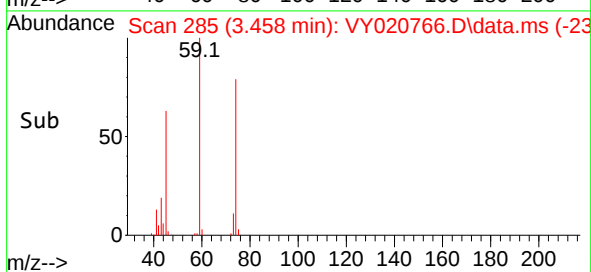
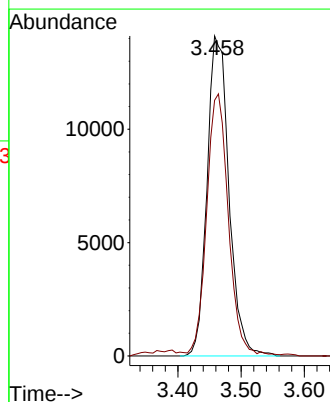
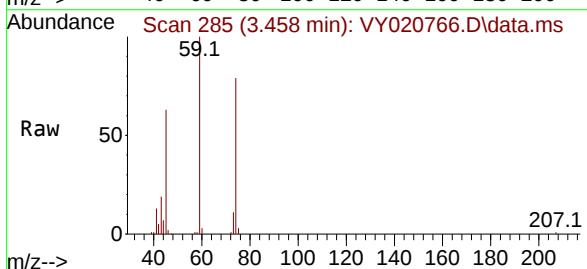
Instrument :
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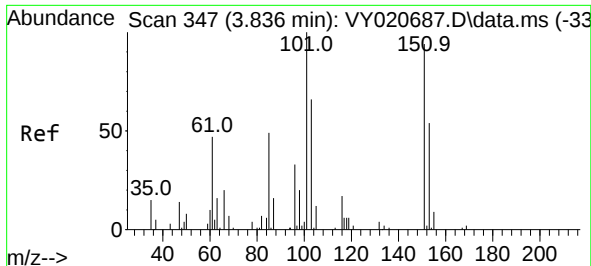
Tgt Ion:101 Resp: 99548
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



#8
Diethyl Ether
Concen: 62.162 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 34015
Ion Ratio Lower Upper
74 100
45 80.1 35.8 107.4

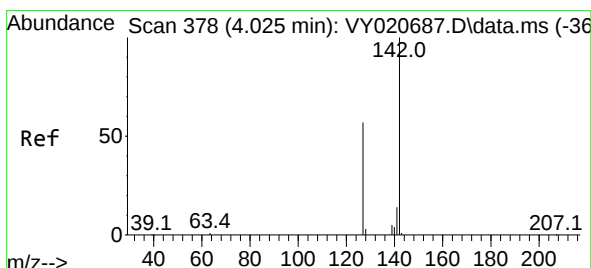
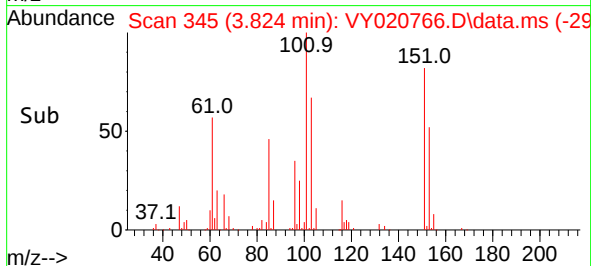
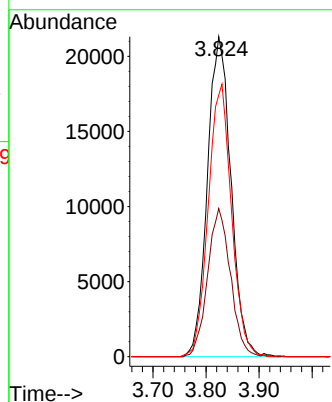
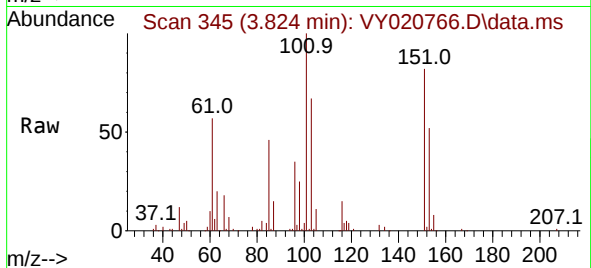




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.124 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

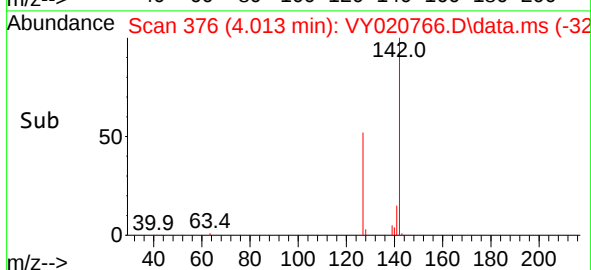
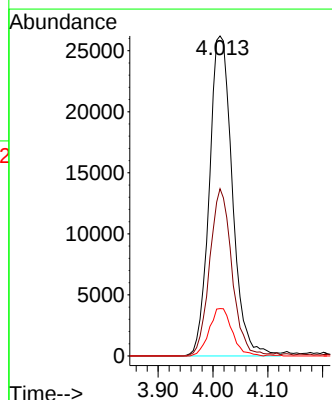
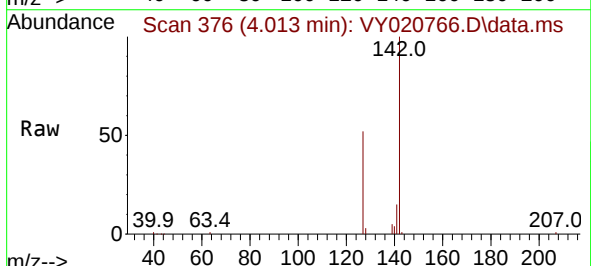
Instrument :
MSVOA_Y
ClientSampleId :

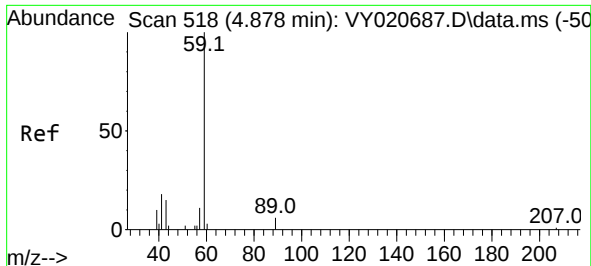
Tgt Ion:101 Resp: 65803
Ion Ratio Lower Upper
101 100
85 44.9 38.2 57.2
151 84.0 68.4 102.6



#10
Methyl Iodide
Concen: 55.359 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

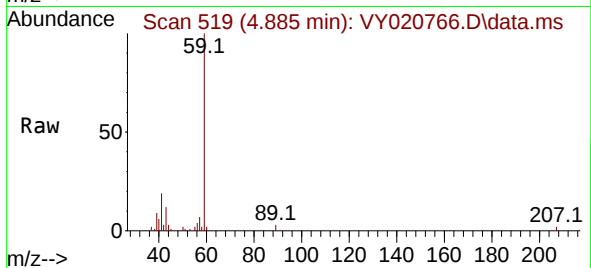
Tgt Ion:142 Resp: 76423
Ion Ratio Lower Upper
142 100
127 50.4 48.8 73.2
141 14.7 11.9 17.9



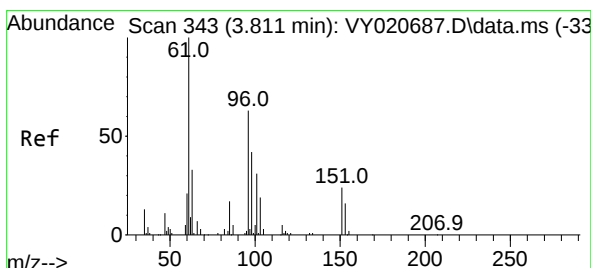
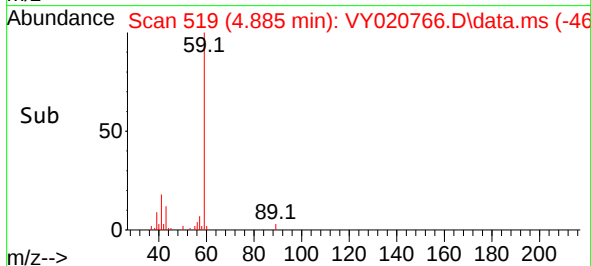
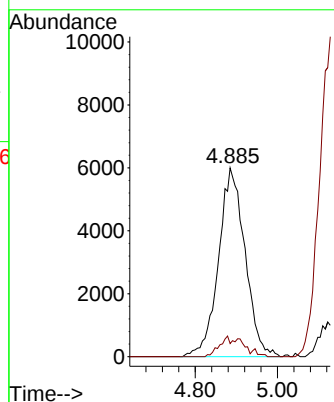


#11
Tert butyl alcohol
Concen: 325.629 ug/l
RT: 4.885 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

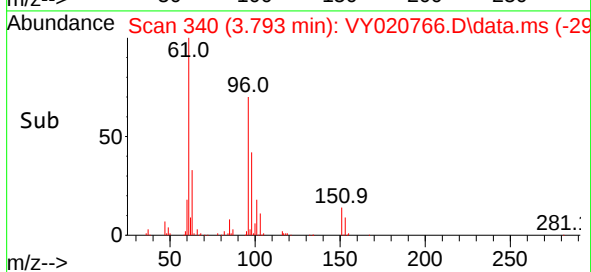
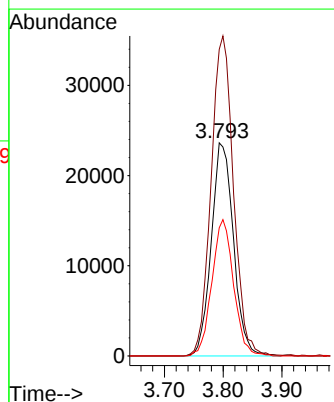
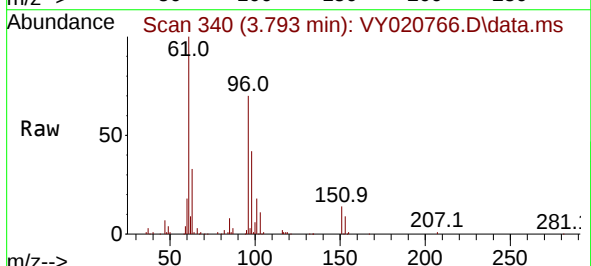


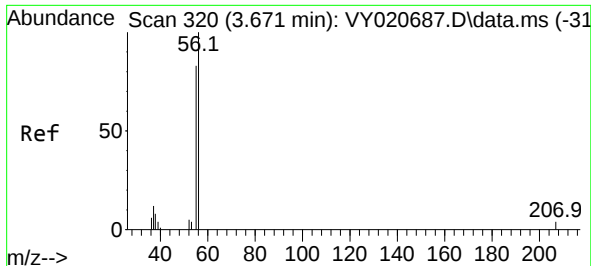
Tgt Ion: 59 Resp: 26873
Ion Ratio Lower Upper
59 100
57 5.7 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 55.209 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.018 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

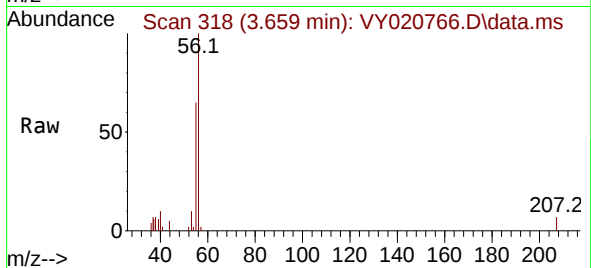
Tgt Ion: 96 Resp: 62036
Ion Ratio Lower Upper
96 100
61 143.8 127.1 190.7
98 60.1 53.4 80.0



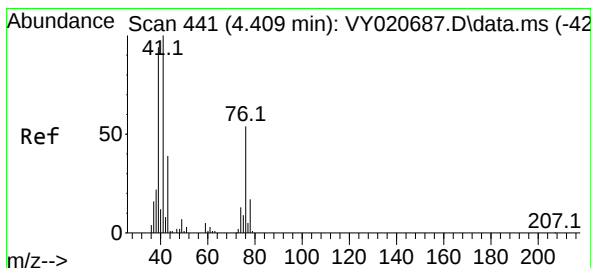
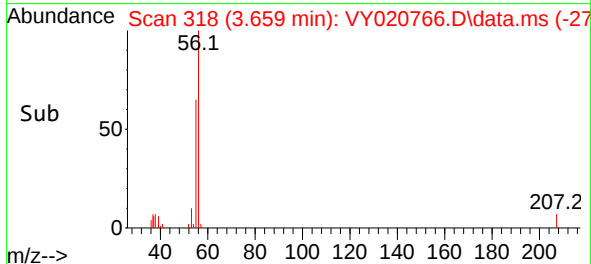
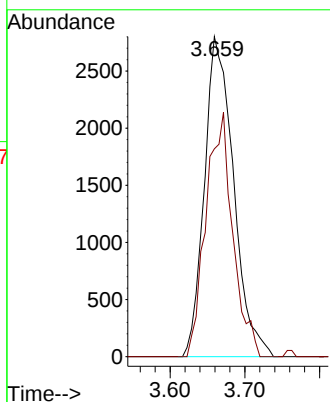


#13
Acrolein
Concen: 269.718 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

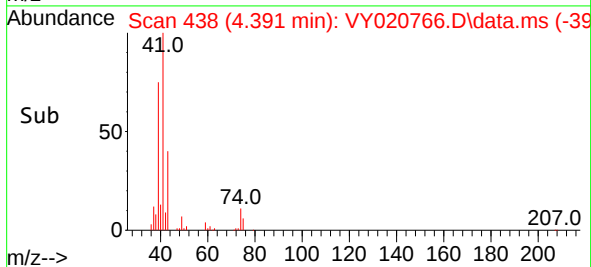
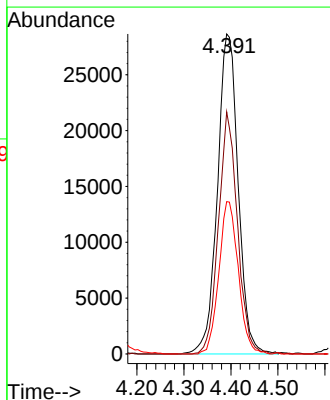
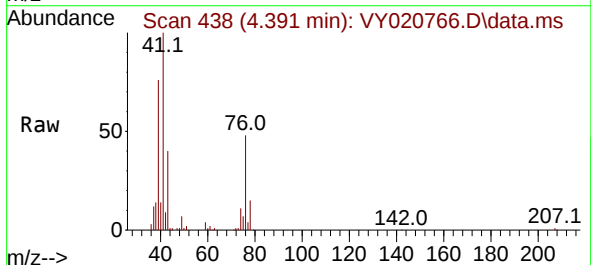


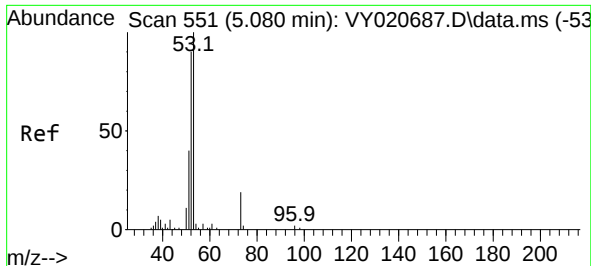
Tgt Ion: 56 Resp: 7593
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4



#14
Allyl chloride
Concen: 66.996 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.018 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

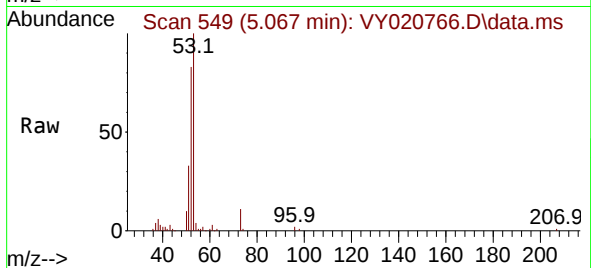
Tgt Ion: 41 Resp: 88095
Ion Ratio Lower Upper
41 100
39 69.1 73.5 110.3#
76 44.6 41.8 62.8



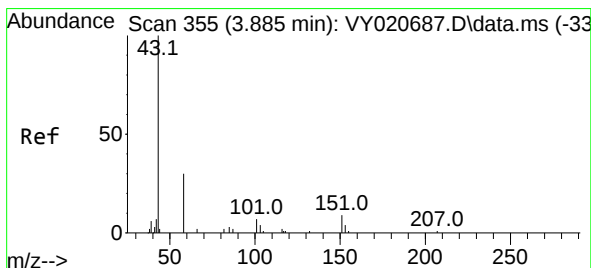
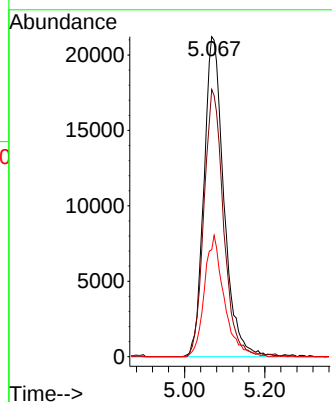
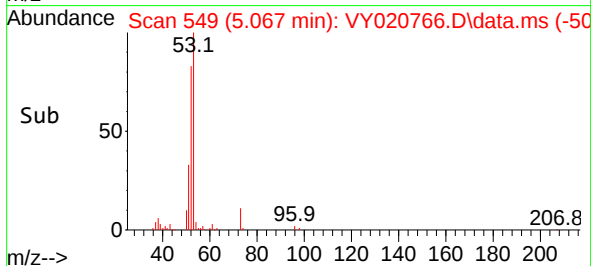


#15
Acrylonitrile
Concen: 346.309 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

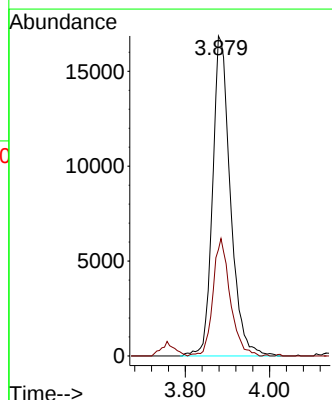
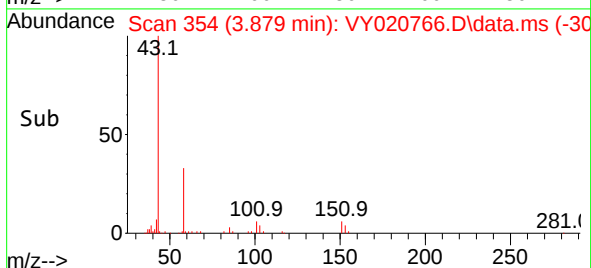
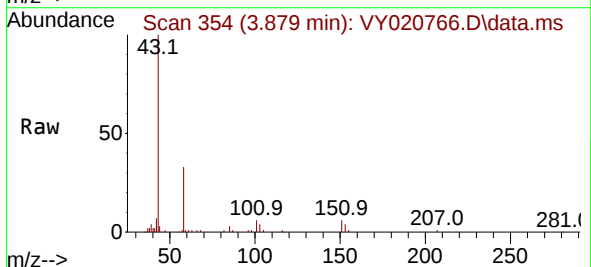


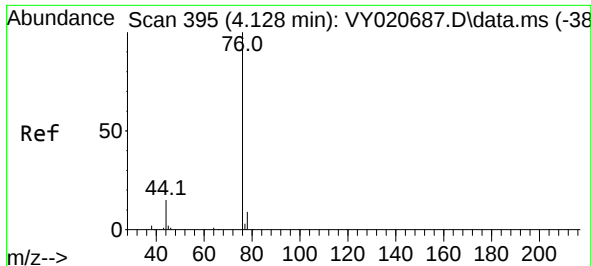
Tgt Ion: 53 Resp: 73206
Ion Ratio Lower Upper
53 100
52 81.5 67.1 100.7
51 37.5 31.4 47.0



#16
Acetone
Concen: 289.563 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

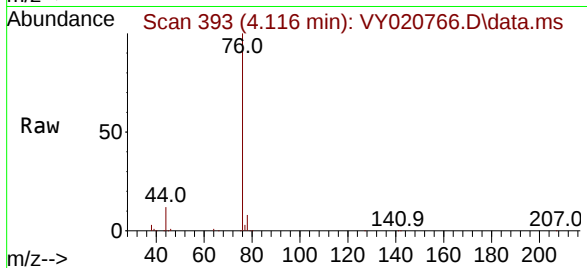
Tgt Ion: 43 Resp: 49469
Ion Ratio Lower Upper
43 100
58 32.8 25.0 37.6



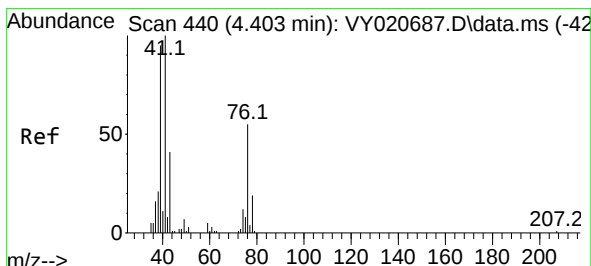
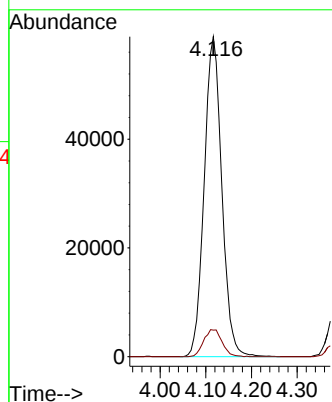
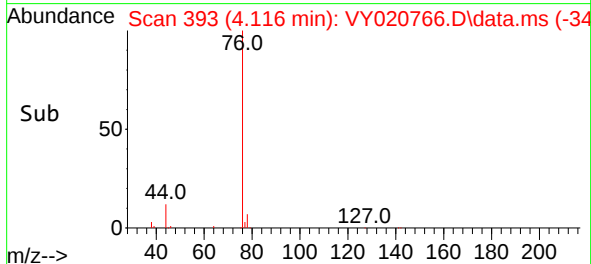


#17
Carbon Disulfide
Concen: 57.106 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

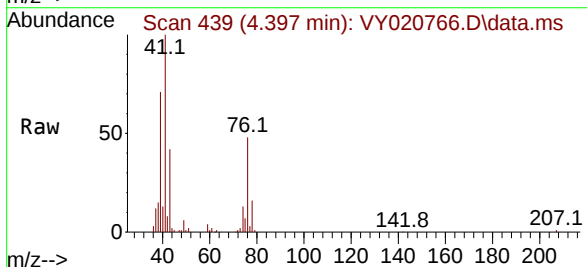
Instrument :
MSVOA_Y
ClientSampleId :



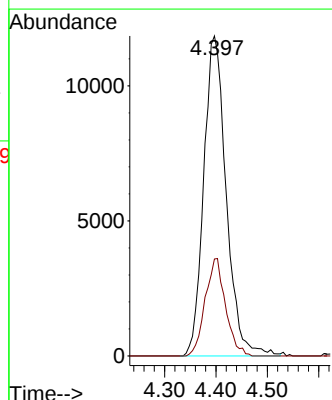
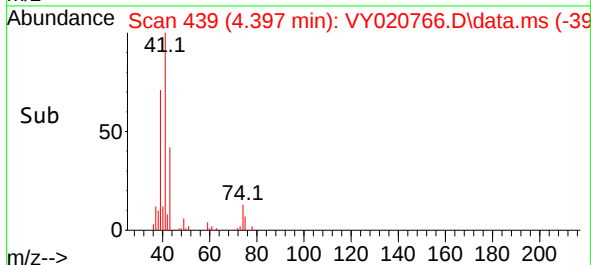
Tgt Ion: 76 Resp: 157408
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3

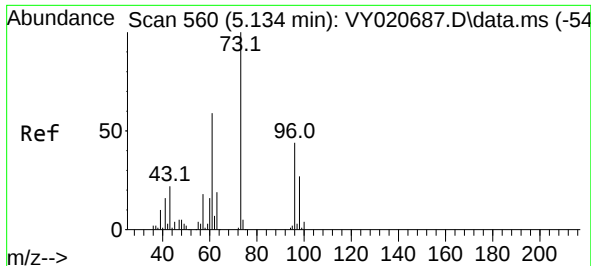


#18
Methyl Acetate
Concen: 77.902 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16



Tgt Ion: 43 Resp: 36020
Ion Ratio Lower Upper
43 100
74 27.6 25.3 37.9

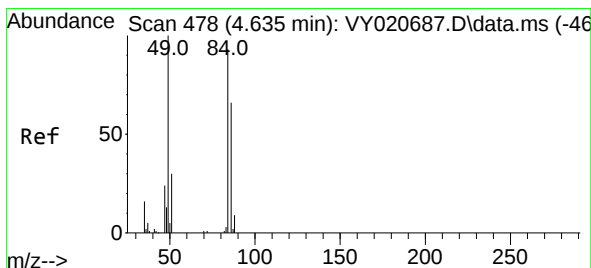
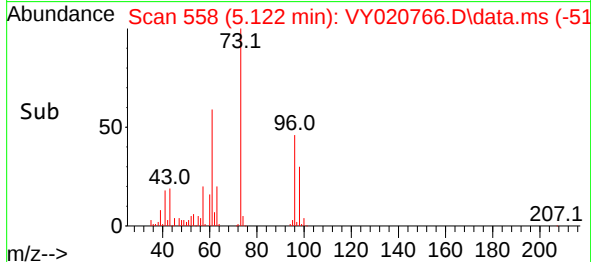
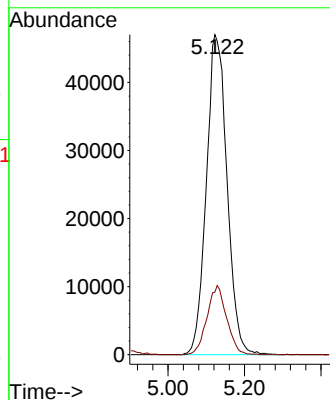
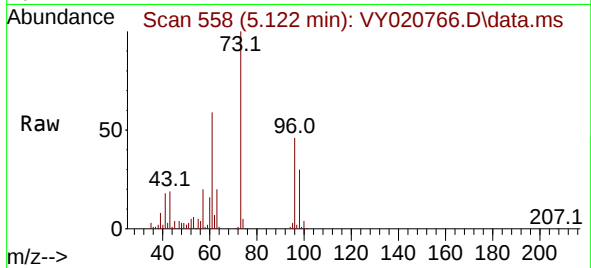




#19
Methyl tert-butyl Ether
Concen: 56.354 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

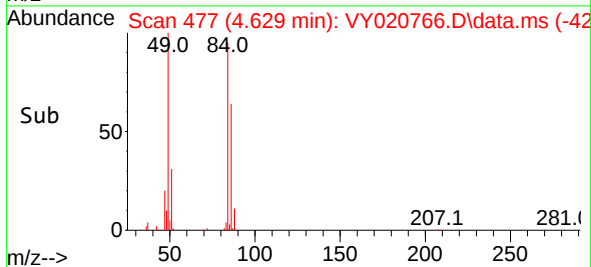
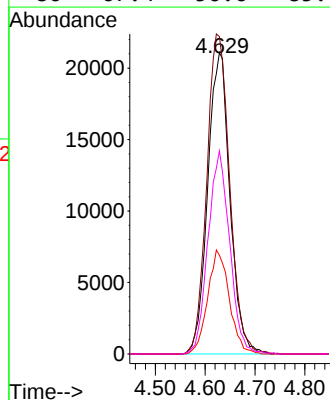
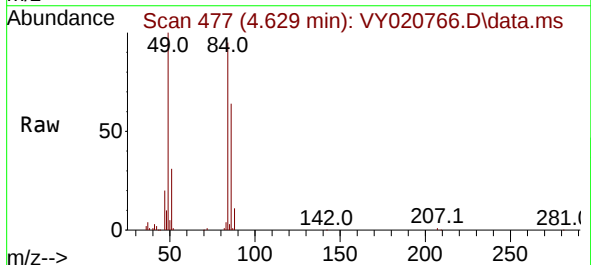
Instrument :
MSVOA_Y
ClientSampleId :

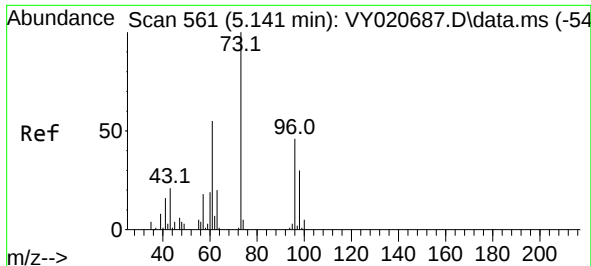
Tgt Ion: 73 Resp: 176497
Ion Ratio Lower Upper
73 100
57 19.5 14.4 21.6



#20
Methylene Chloride
Concen: 58.805 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

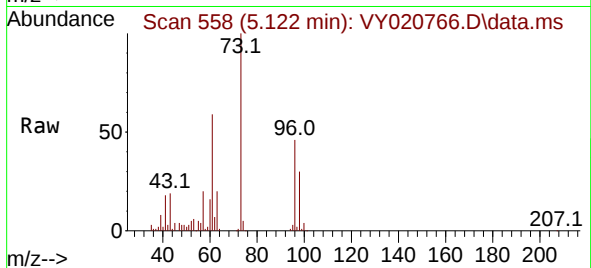
Tgt Ion: 84 Resp: 65340
Ion Ratio Lower Upper
84 100
49 105.4 86.4 129.6
51 32.8 25.5 38.3
86 67.4 56.6 85.0



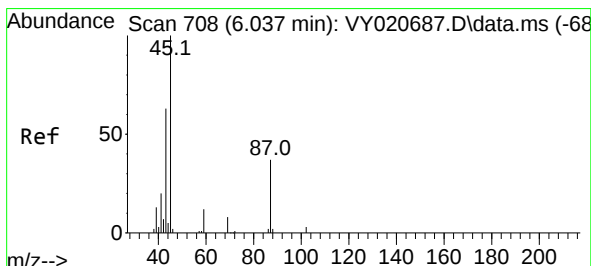
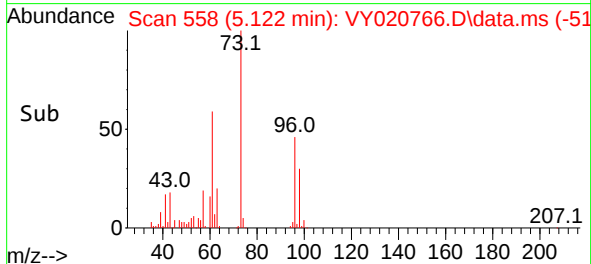
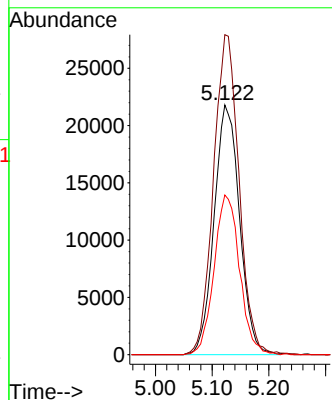


#21
trans-1,2-Dichloroethene
Concen: 56.216 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

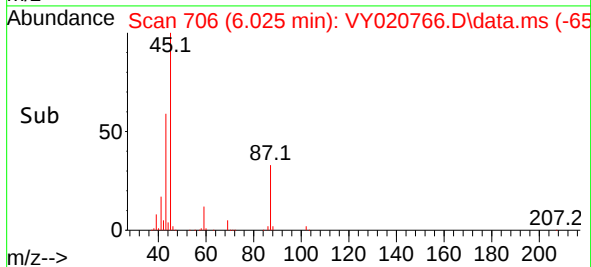
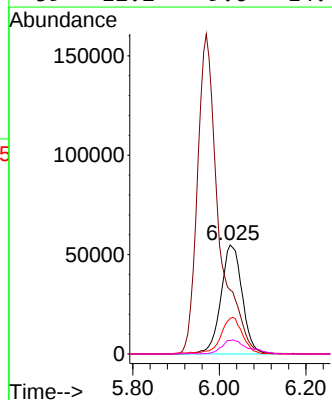
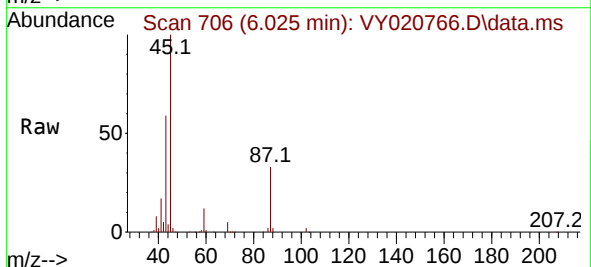


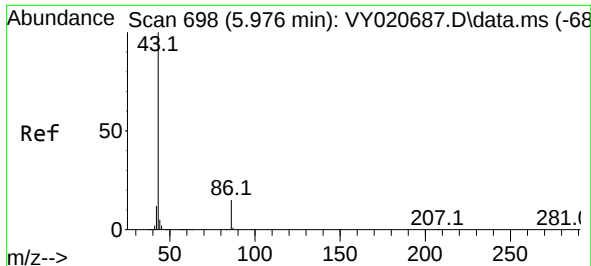
Tgt Ion: 96 Resp: 68070
Ion Ratio Lower Upper
96 100
61 128.1 96.1 144.1
98 64.0 52.7 79.1



#22
Diisopropyl ether
Concen: 70.004 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 45 Resp: 187125
Ion Ratio Lower Upper
45 100
43 58.1 51.3 76.9
87 32.5 30.6 46.0
59 12.2 9.6 14.4

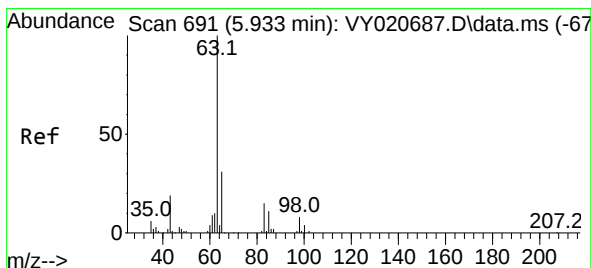
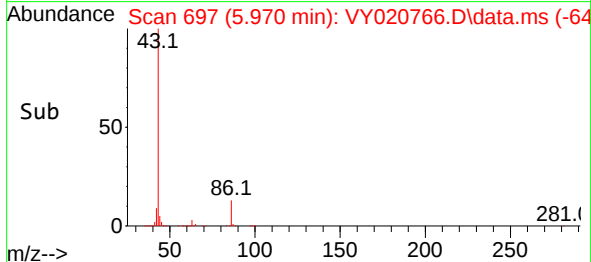
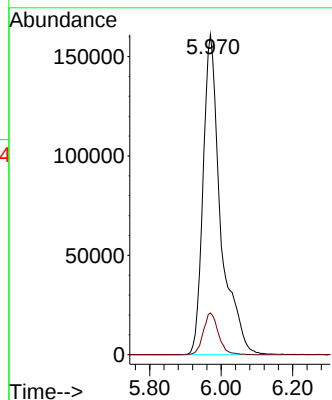
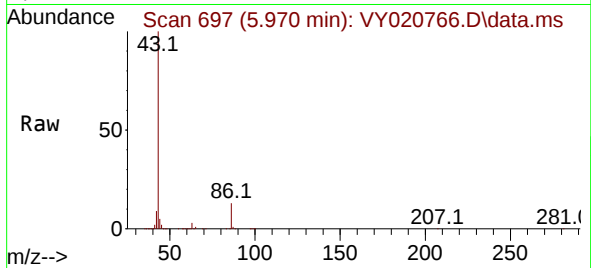




#23
 Vinyl Acetate
 Concen: 344.664 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020766.D
 Acq: 03 Jan 2025 10:16

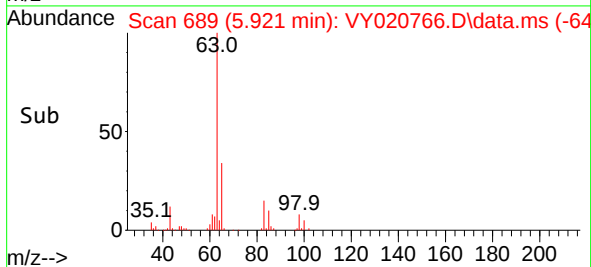
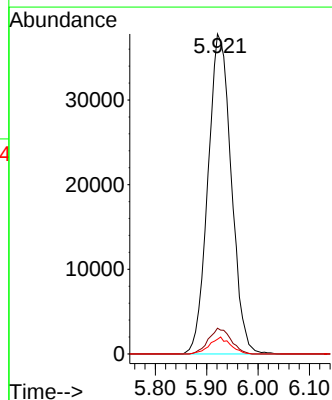
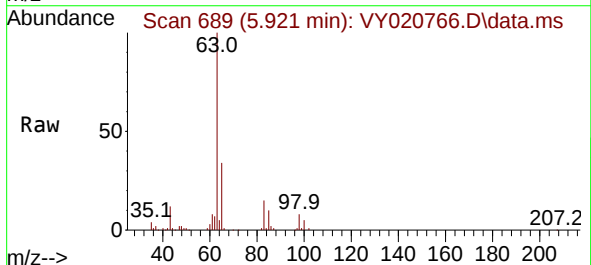
Instrument :
 MSVOA_Y
 ClientSampleId :

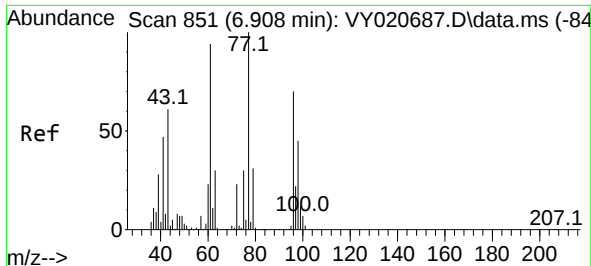
Tgt Ion: 43 Resp: 550295
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 59.475 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY020766.D
 Acq: 03 Jan 2025 10:16

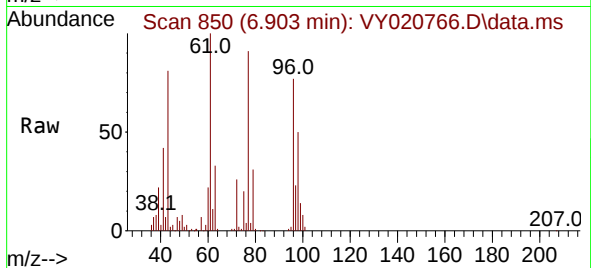
Tgt Ion: 63 Resp: 119195
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.0
 100 4.6 2.1 6.2



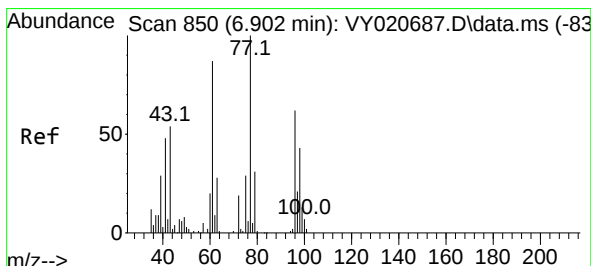
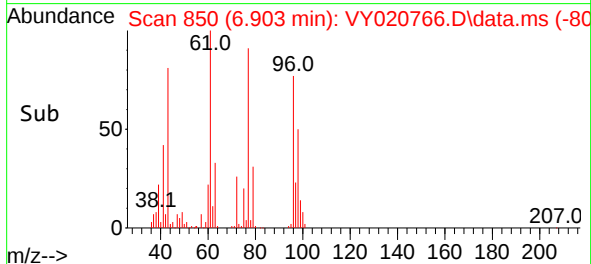
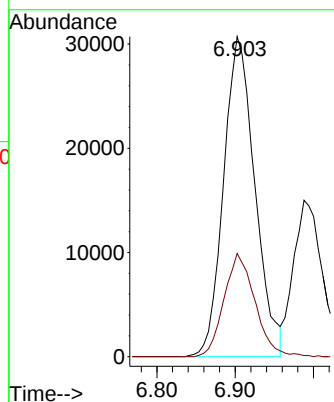


#25
2-Butanone
Concen: 369.728 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.005 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

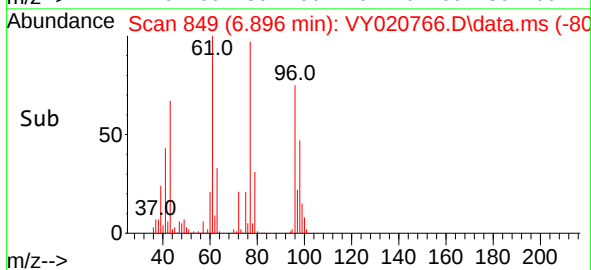
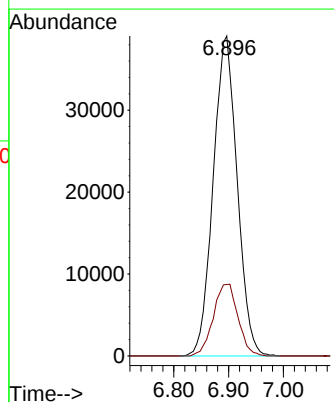
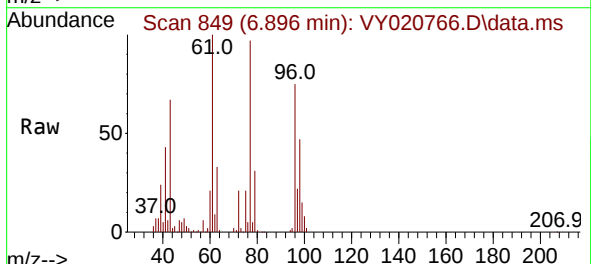


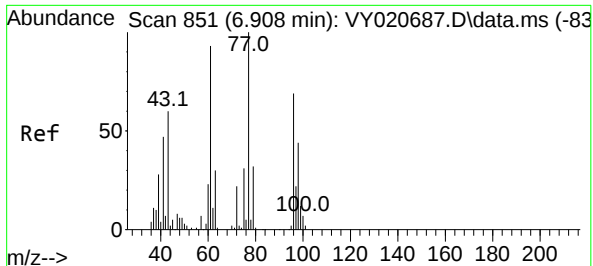
Tgt Ion: 43 Resp: 85325
Ion Ratio Lower Upper
43 100
72 32.3 29.5 44.3



#26
2,2-Dichloropropane
Concen: 48.394 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 77 Resp: 118709
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 57.644 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

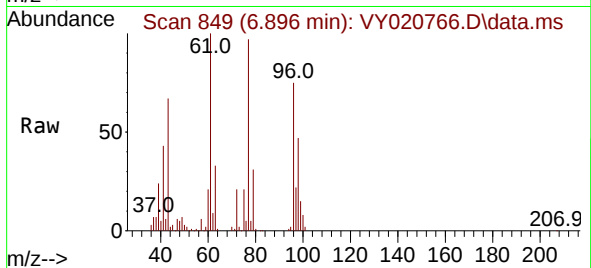
Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :



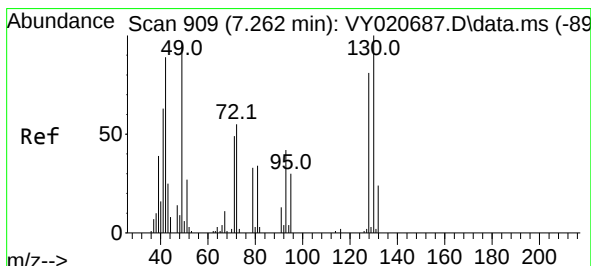
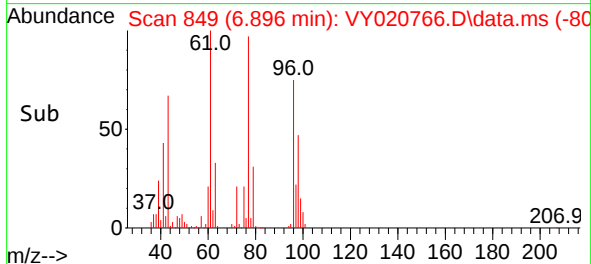
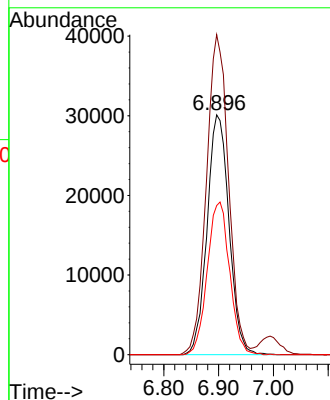
Tgt Ion: 96 Resp: 83588

Ion Ratio Lower Upper

96 100

61 134.4 0.0 277.2

98 64.8 0.0 131.0



#28

Bromochloromethane

Concen: 75.985 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

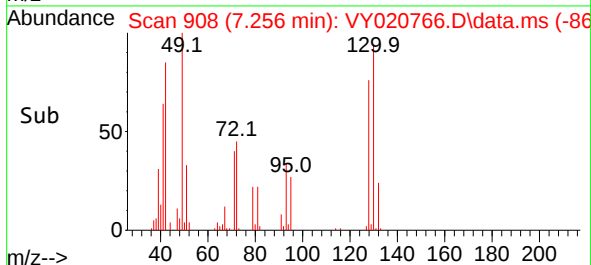
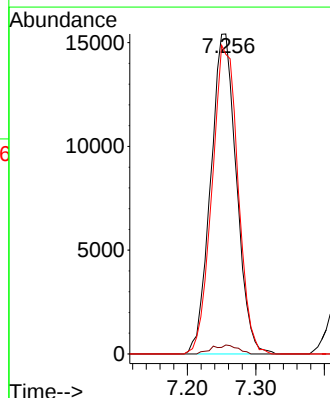
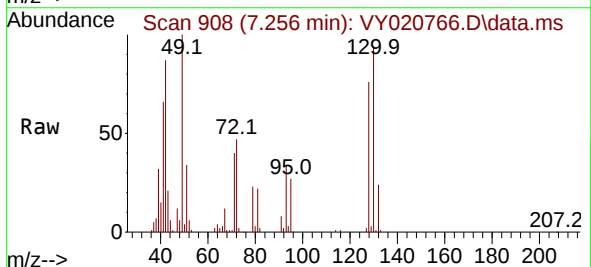
Tgt Ion: 49 Resp: 40271

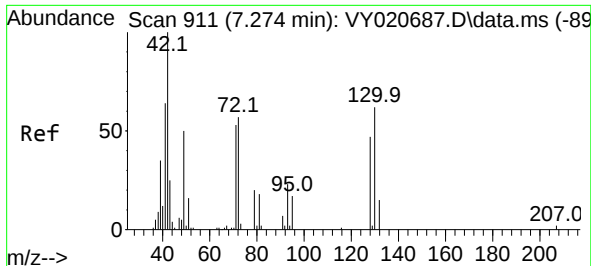
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.4

130 97.1 87.2 130.8





#29

Tetrahydrofuran

Concen: 393.631 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

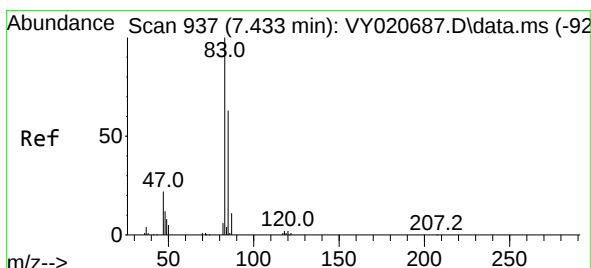
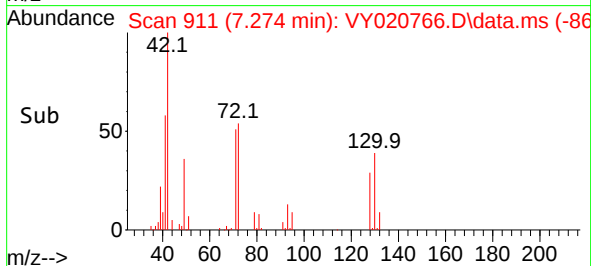
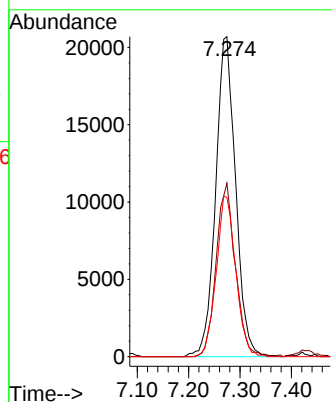
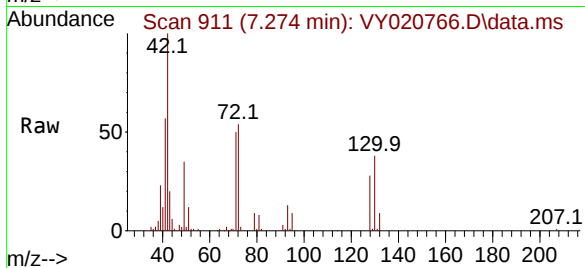
Tgt Ion: 42 Resp: 55760

Ion Ratio Lower Upper

42 100

72 52.2 47.4 71.0

71 49.2 42.8 64.2



#30

Chloroform

Concen: 52.129 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY020766.D

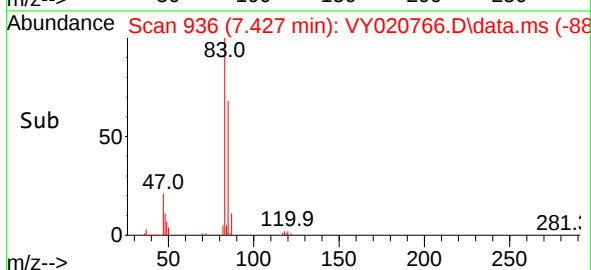
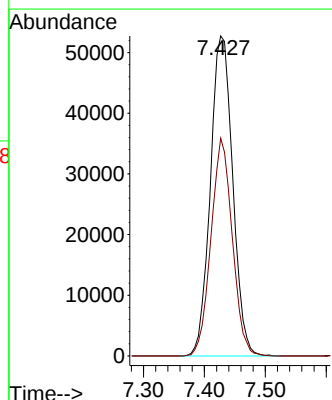
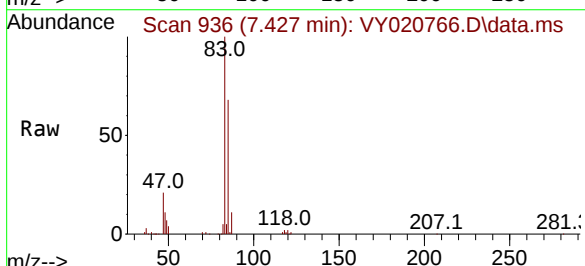
Acq: 03 Jan 2025 10:16

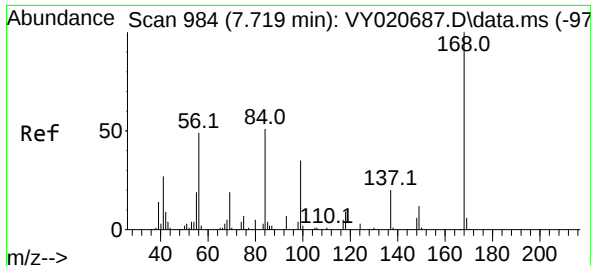
Tgt Ion: 83 Resp: 134392

Ion Ratio Lower Upper

83 100

85 68.1 50.2 75.2

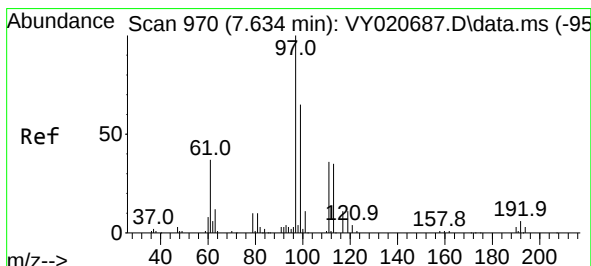
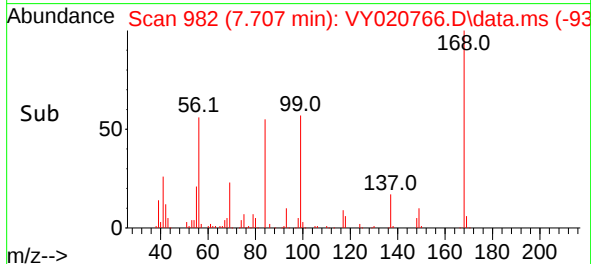
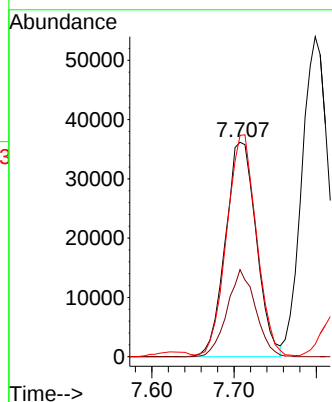
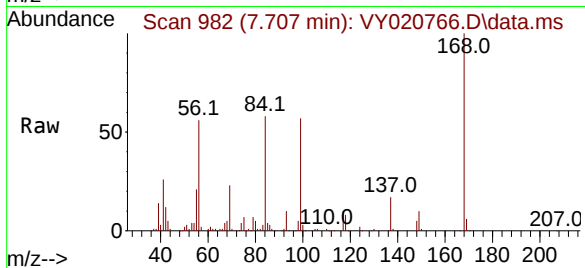




#31
Cyclohexane
Concen: 54.703 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

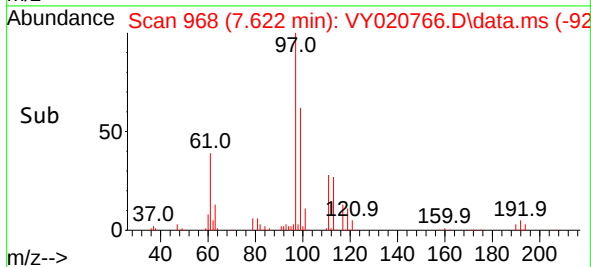
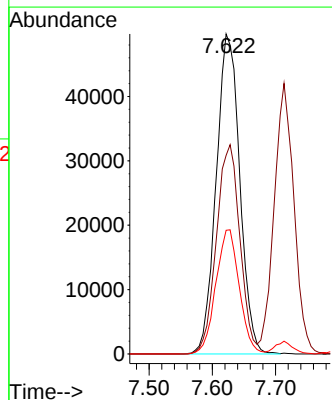
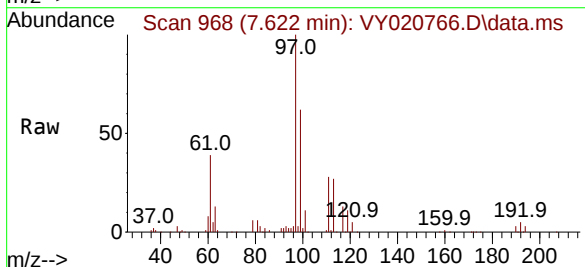
Instrument :
MSVOA_Y
ClientSampleId :

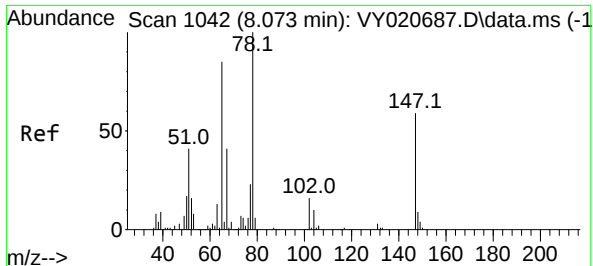
Tgt Ion: 56 Resp: 94630
Ion Ratio Lower Upper
56 100
69 40.6 31.3 46.9
84 101.1 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 46.483 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 97 Resp: 128455
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.6
61 38.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 52.854 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

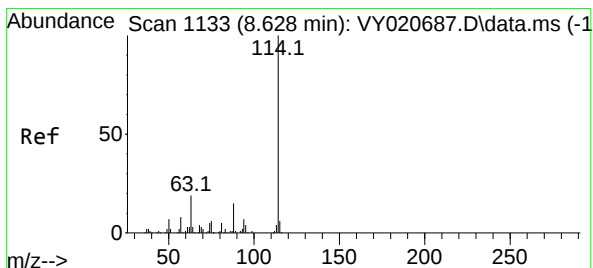
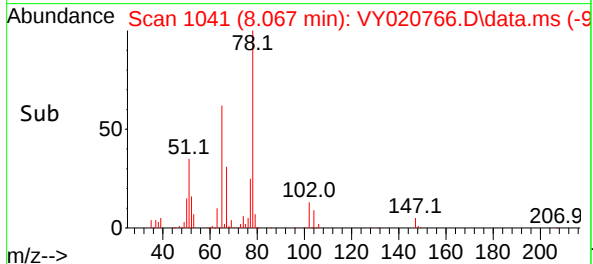
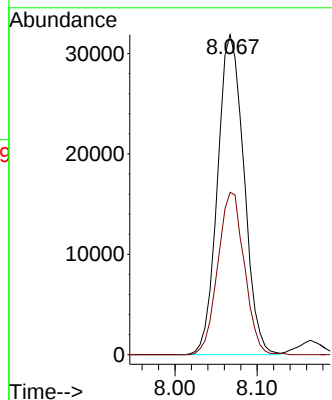
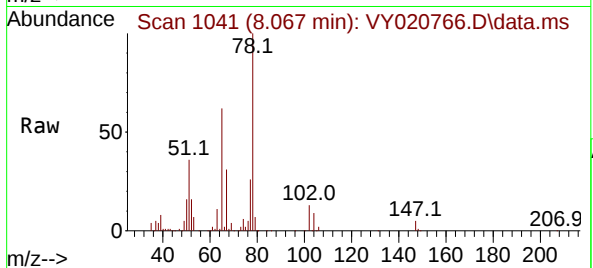
ClientSampleId :

Tgt Ion: 65 Resp: 71178

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

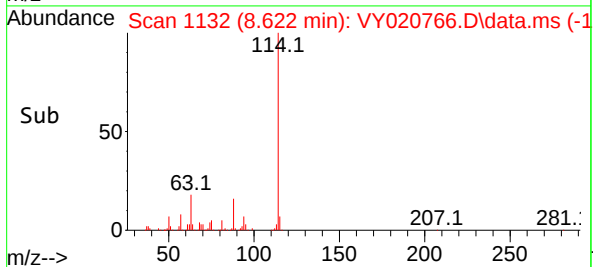
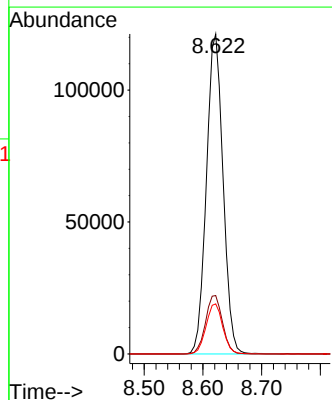
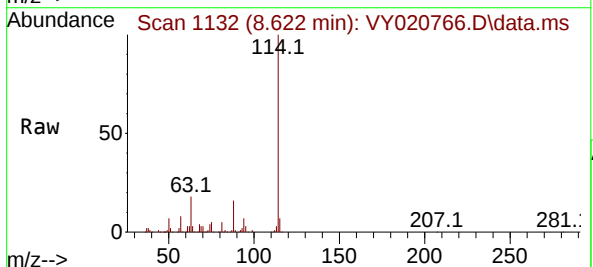
Tgt Ion:114 Resp: 238088

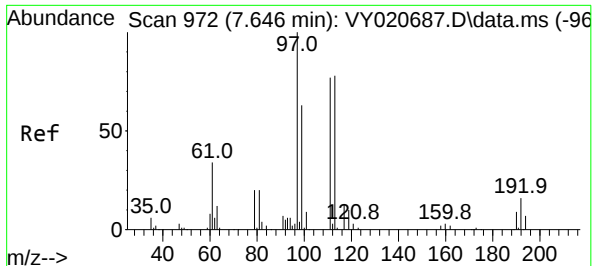
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.399 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

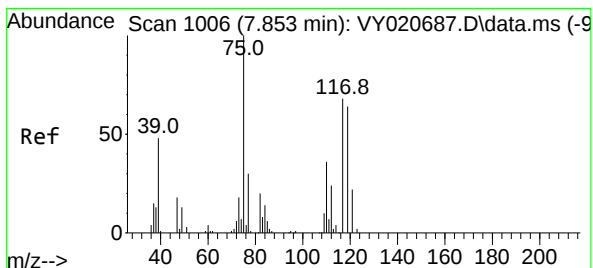
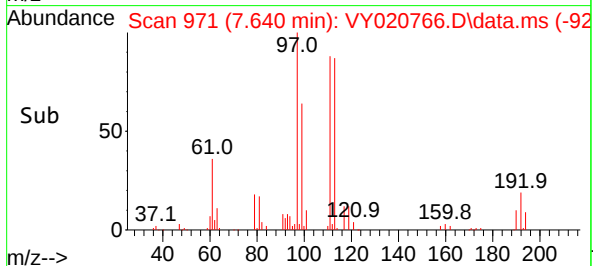
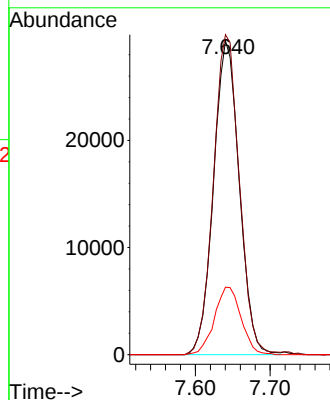
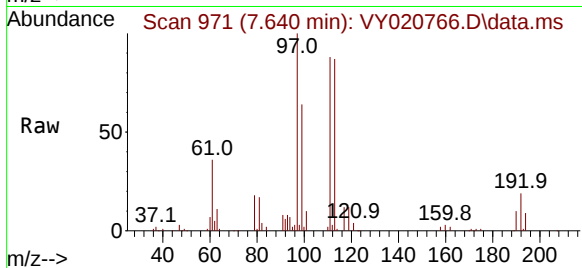
Tgt Ion:113 Resp: 70029

Ion Ratio Lower Upper

113 100

111 102.9 79.8 119.8

192 22.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 52.550 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.012 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

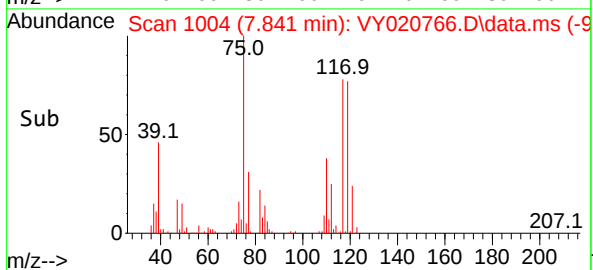
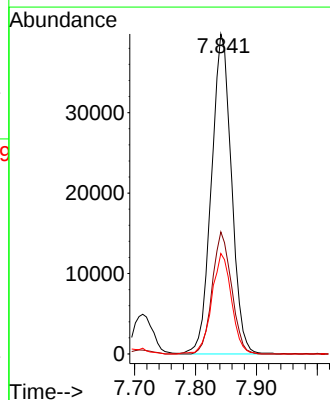
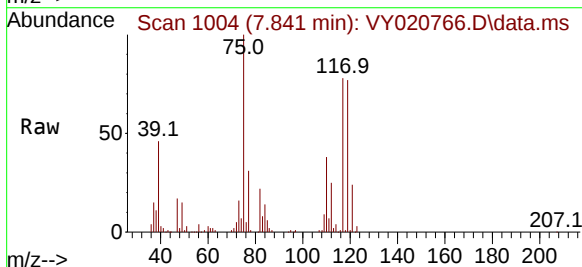
Tgt Ion: 75 Resp: 91033

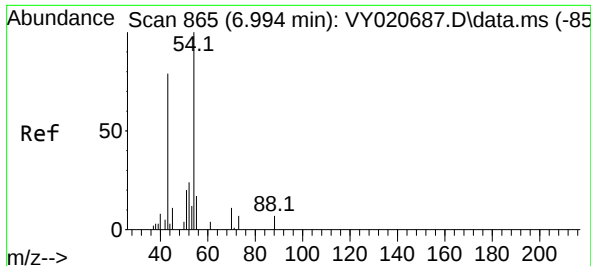
Ion Ratio Lower Upper

75 100

110 36.6 19.6 58.7

77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 70.352 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

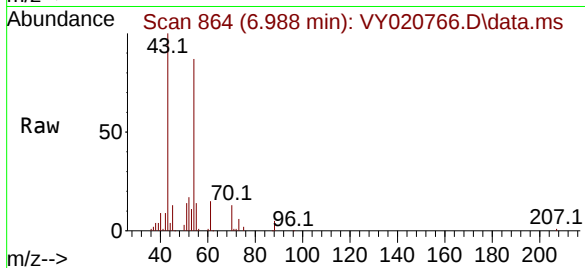
Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

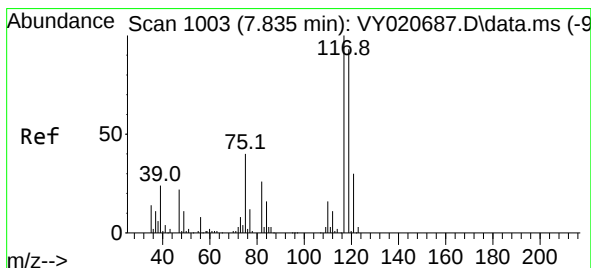
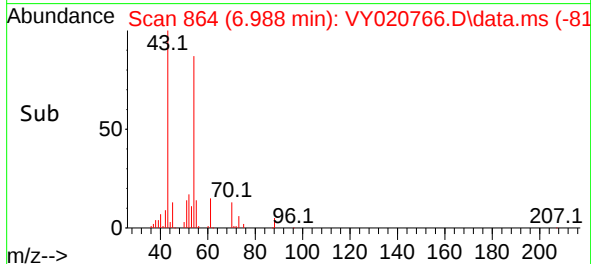
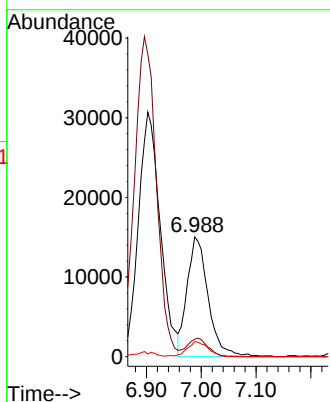
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	40160
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.5	11.0	16.4



#38

Carbon Tetrachloride

Concen: 43.312 ug/l

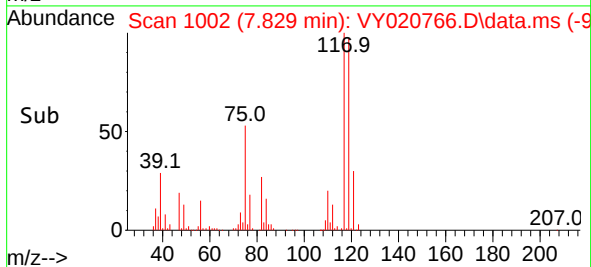
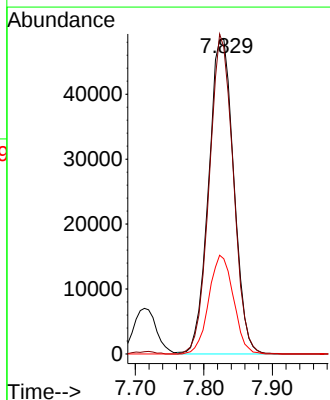
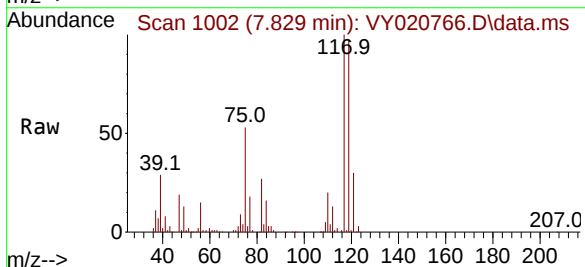
RT: 7.829 min Scan# 1002

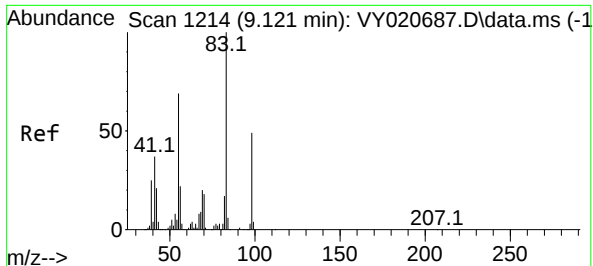
Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Tgt Ion:	117	Resp:	123550
Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.4	111.6
121	30.2	24.2	36.2





#39

Methylcyclohexane

Concen: 51.103 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

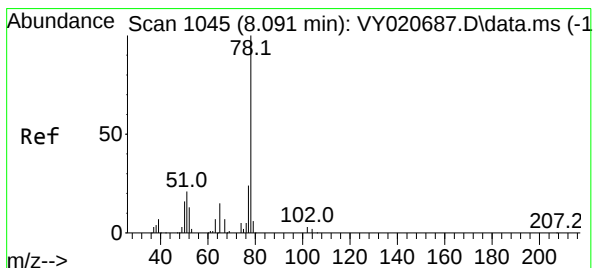
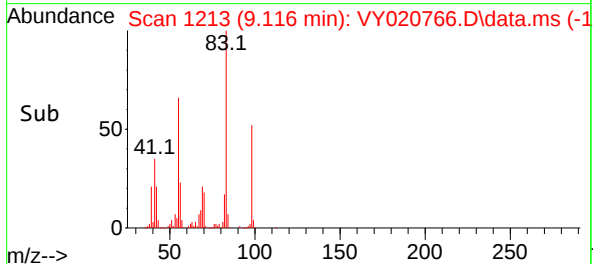
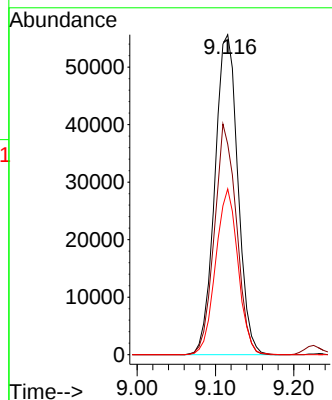
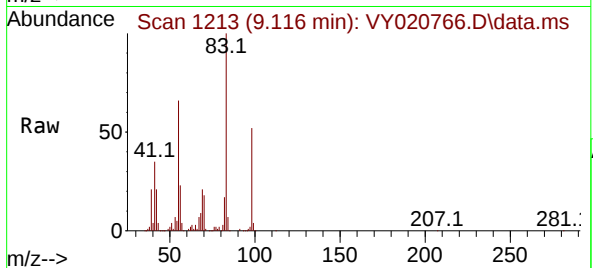
Tgt Ion: 83 Resp: 113467

Ion Ratio Lower Upper

83 100

55 65.8 55.0 82.4

98 51.8 39.0 58.6



#40

Benzene

Concen: 55.712 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020766.D

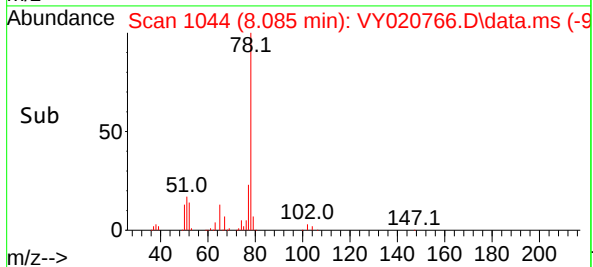
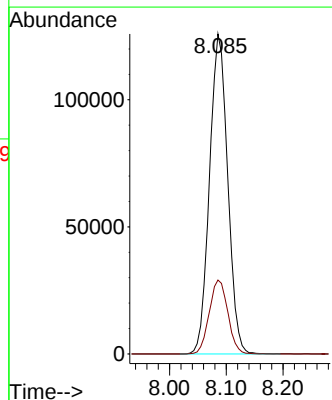
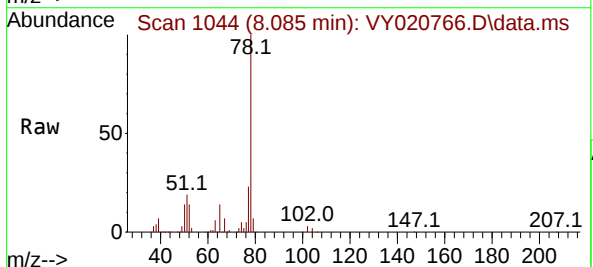
Acq: 03 Jan 2025 10:16

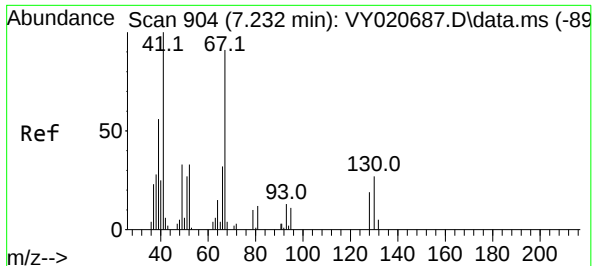
Tgt Ion: 78 Resp: 279704

Ion Ratio Lower Upper

78 100

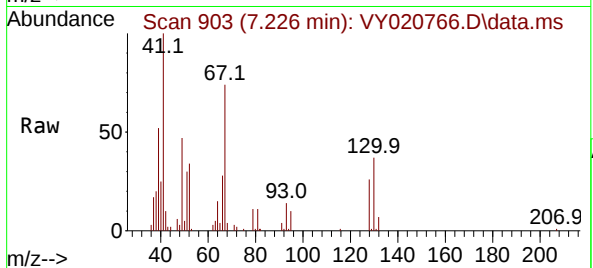
77 23.1 19.2 28.8



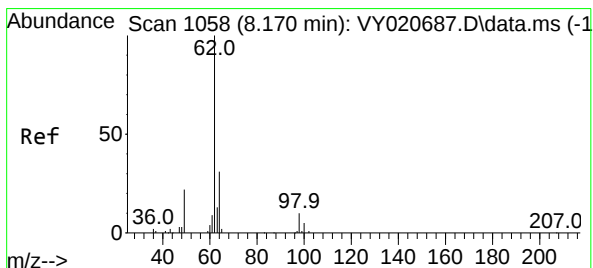
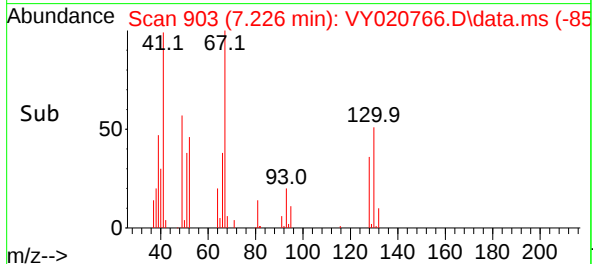
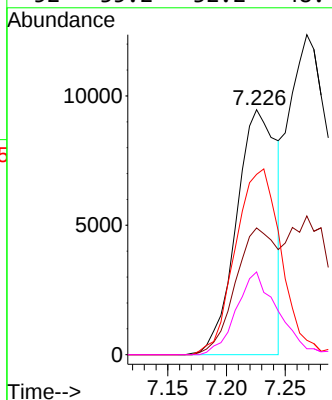


#41
Methacrylonitrile
Concen: 78.231 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

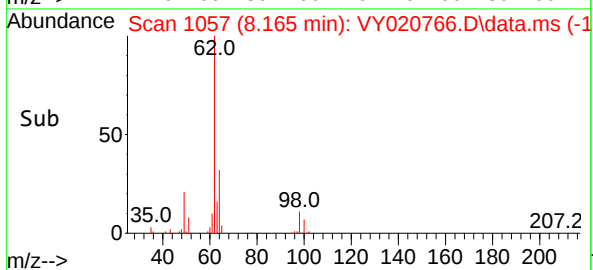
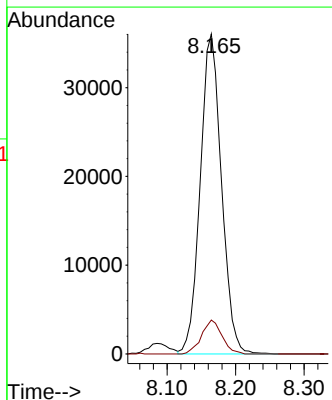
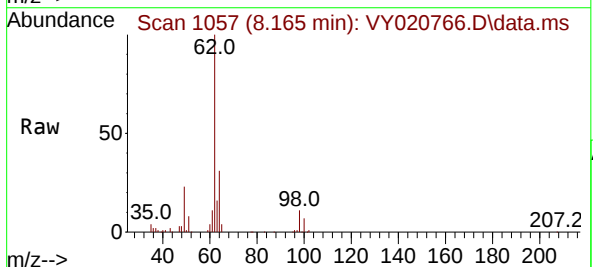


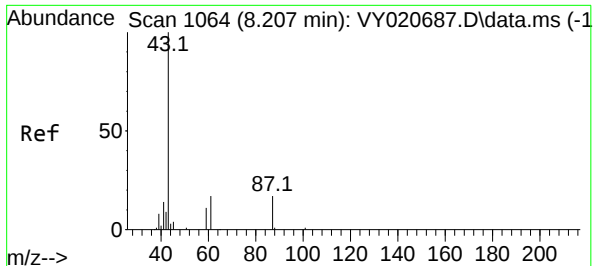
Tgt Ion:	41	Resp:	22558
Ion	Ratio	Lower	Upper
41	100		
39	52.7	46.6	70.0
67	86.6	74.7	112.1
52	35.2	32.2	48.4



#42
1,2-Dichloroethane
Concen: 48.299 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion:	62	Resp:	77754
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 66.702 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY020766.D

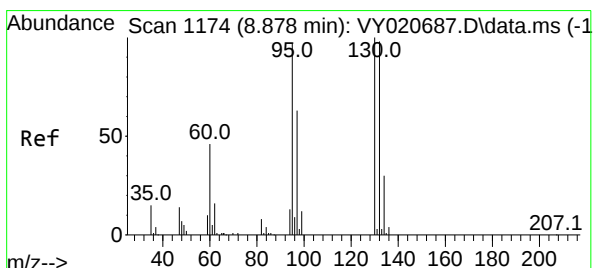
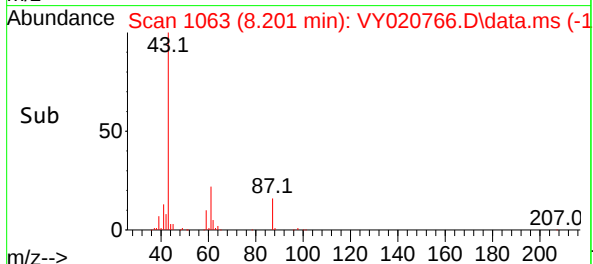
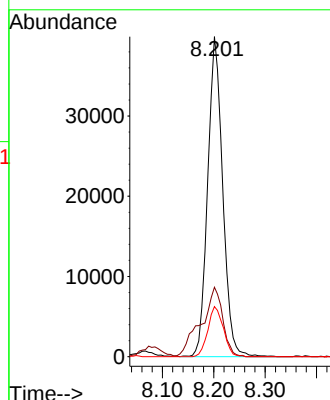
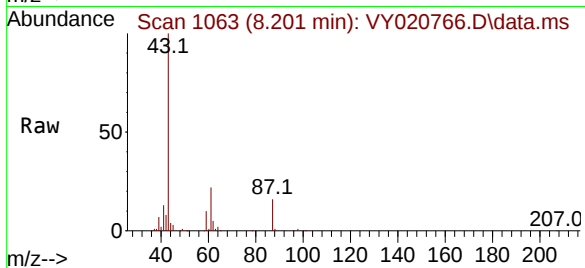
Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 80932
Ion Ratio	Lower Upper
43	100
61	31.4 27.0 40.4
87	16.2 14.2 21.4



#44

Trichloroethene

Concen: 50.632 ug/l

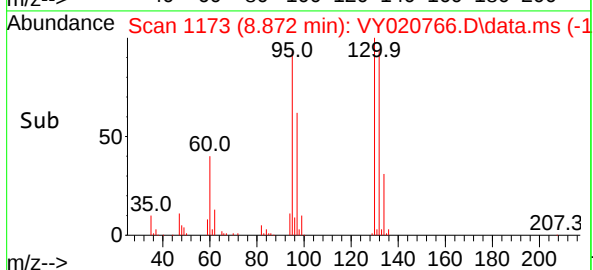
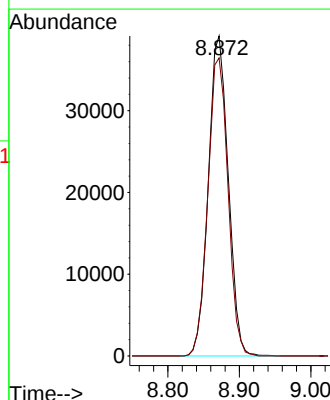
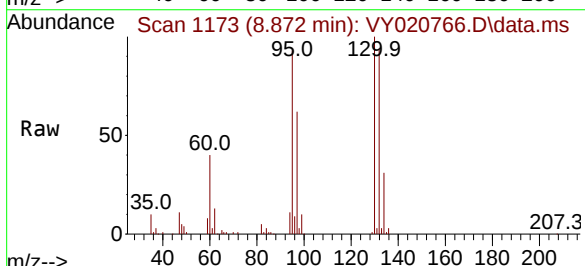
RT: 8.872 min Scan# 1173

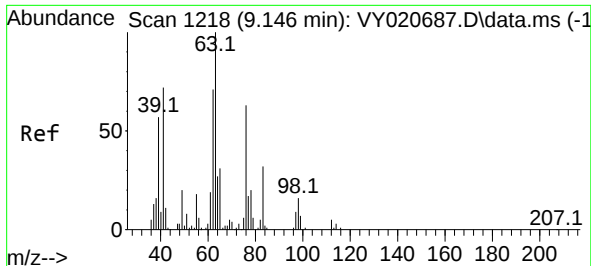
Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Tgt Ion: 130	Resp: 75924
Ion Ratio	Lower Upper
130	100
95	93.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 61.609 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

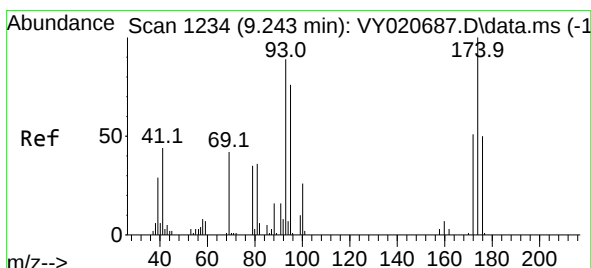
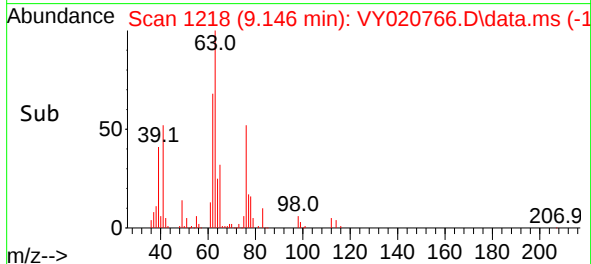
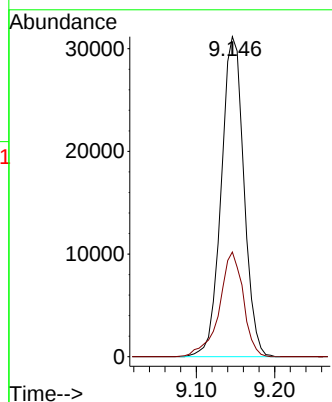
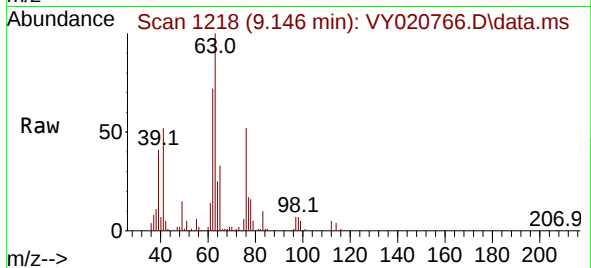
ClientSampleId :

Tgt Ion: 63 Resp: 62611

Ion Ratio Lower Upper

63 100

65 32.7 24.6 36.8



#46

Dibromomethane

Concen: 54.971 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

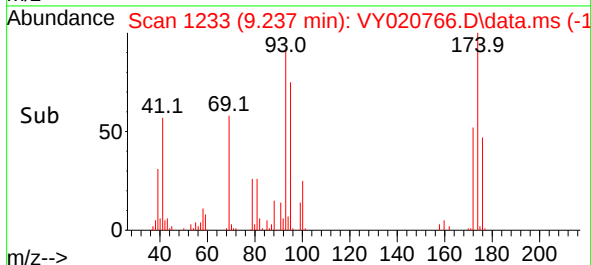
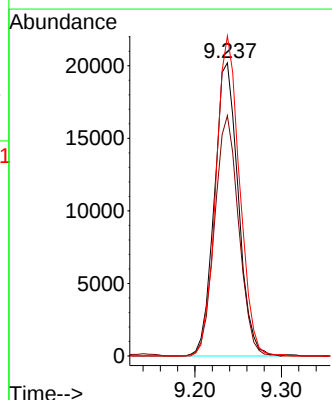
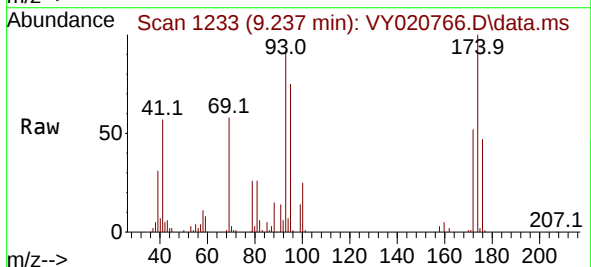
Tgt Ion: 93 Resp: 38654

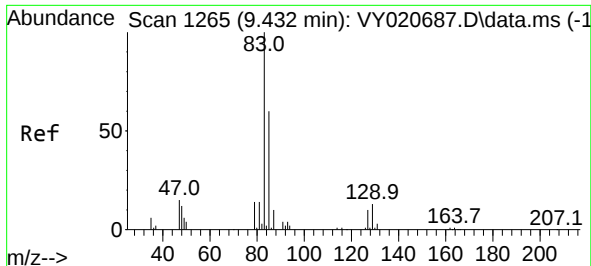
Ion Ratio Lower Upper

93 100

95 82.5 67.8 101.8

174 108.2 89.4 134.0

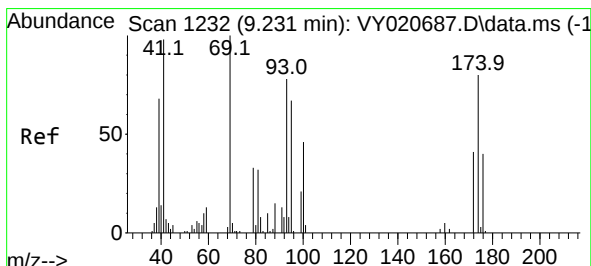
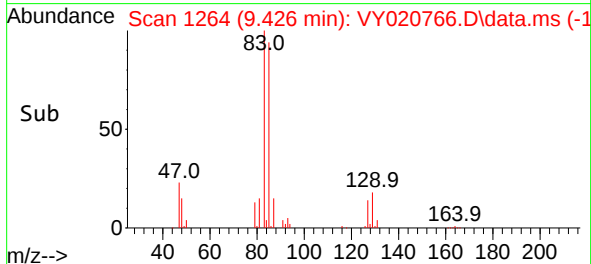
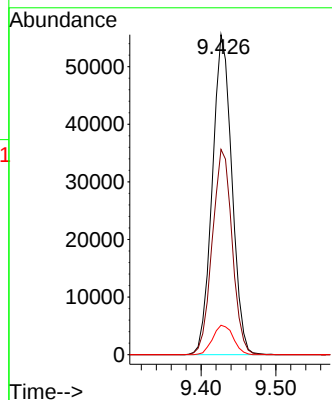
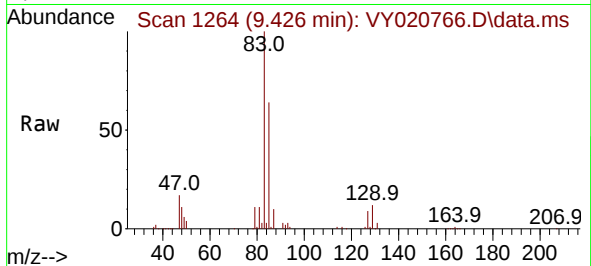




#47
Bromodichloromethane
Concen: 50.788 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

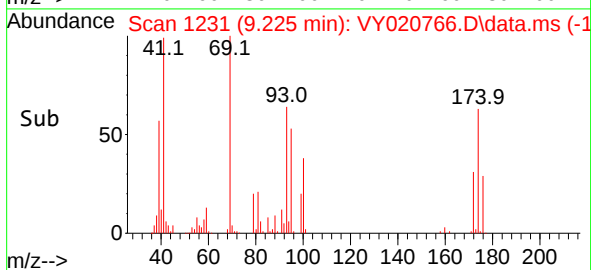
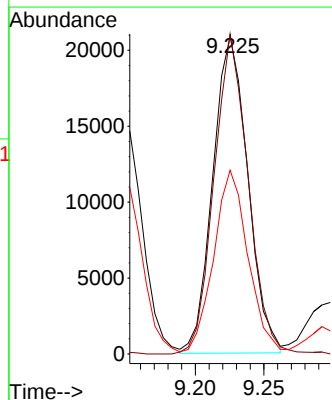
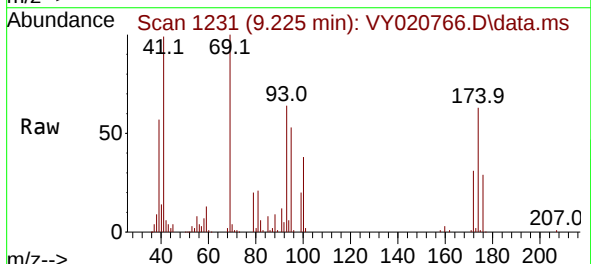
Instrument :
MSVOA_Y
ClientSampleId :

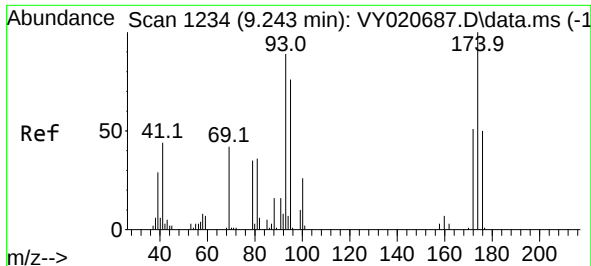
Tgt Ion: 83 Resp: 101249
Ion Ratio Lower Upper
83 100
85 64.2 47.6 71.4
127 9.2 7.9 11.9



#48
Methyl methacrylate
Concen: 65.360 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

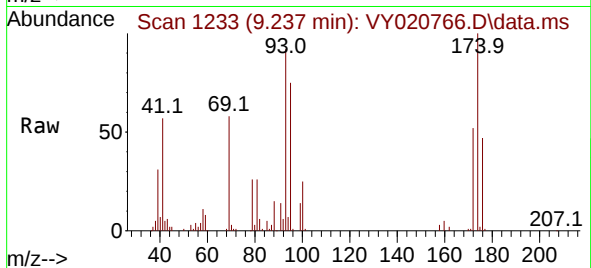
Tgt Ion: 41 Resp: 37034
Ion Ratio Lower Upper
41 100
69 98.2 83.1 124.7
39 56.2 57.3 85.9#



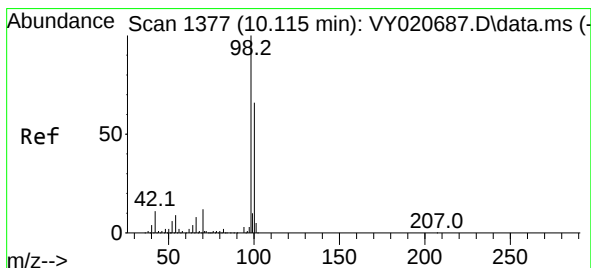
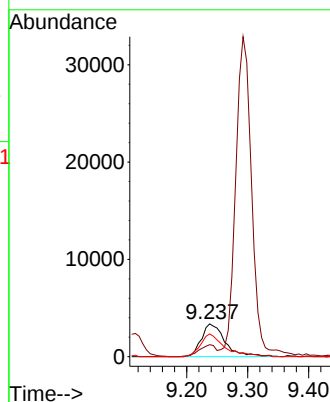
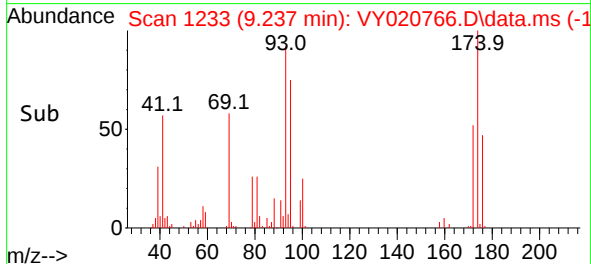


#49
1,4-Dioxane
Concen: 1362.949 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

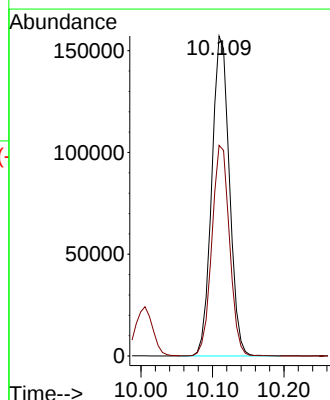
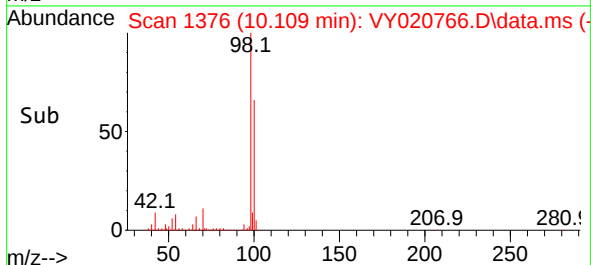
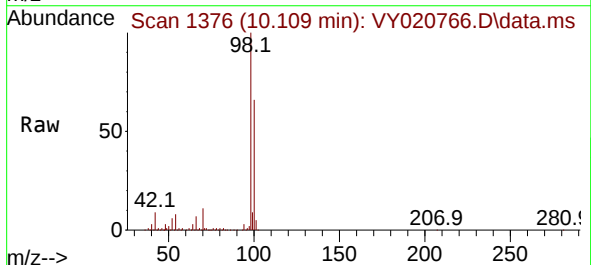


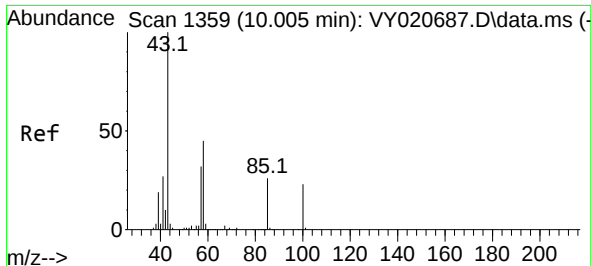
Tgt Ion: 88 Resp: 9129
Ion Ratio Lower Upper
88 100
43 25.5 22.1 33.1
58 70.2 46.7 70.1#



#50
Toluene-d8
Concen: 51.499 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 98 Resp: 268848
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

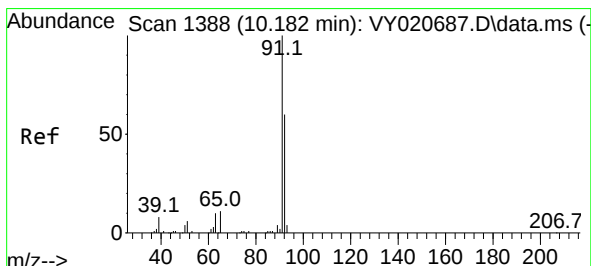
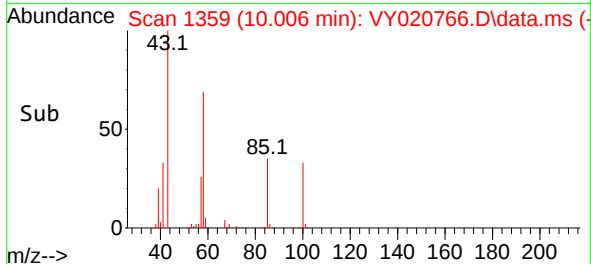
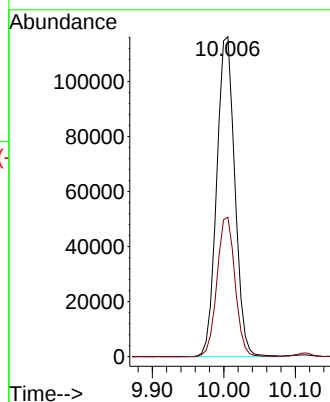
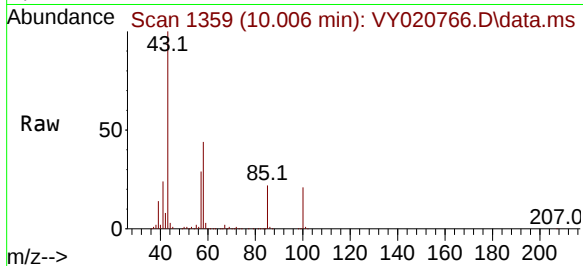




#51
4-Methyl-2-Pentanone
Concen: 349.894 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

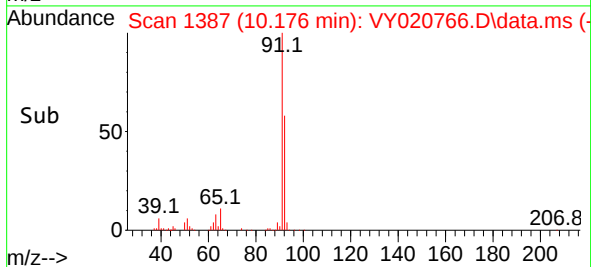
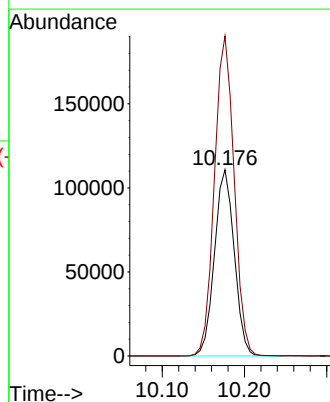
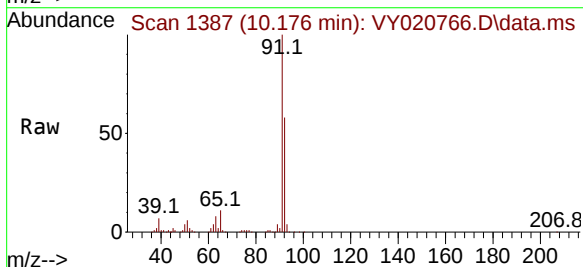
Instrument :
MSVOA_Y
ClientSampleId :

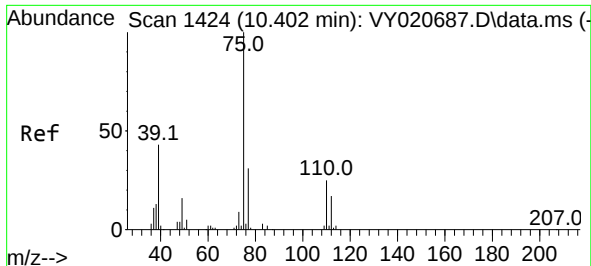
Tgt Ion: 43 Resp: 204913
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7



#52
Toluene
Concen: 53.739 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 92 Resp: 184916
Ion Ratio Lower Upper
92 100
91 171.5 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 54.254 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

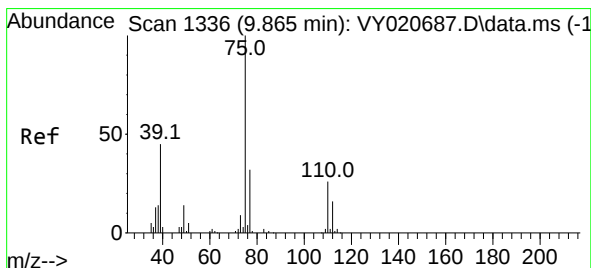
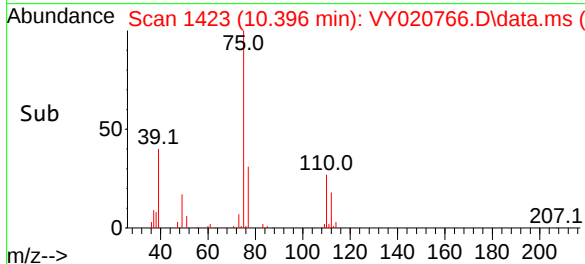
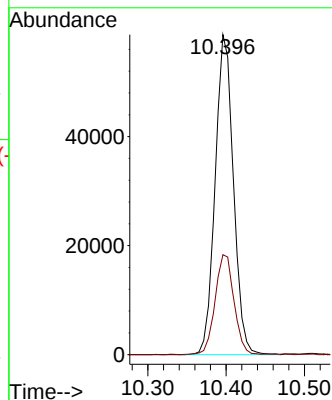
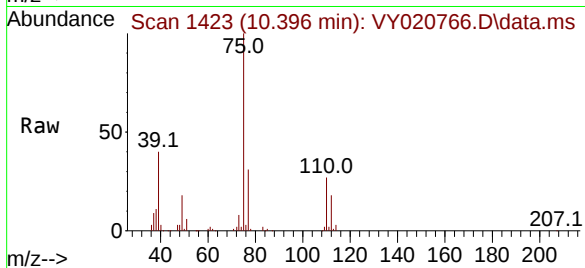
ClientSampleId :

Tgt Ion: 75 Resp: 94995

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 56.099 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

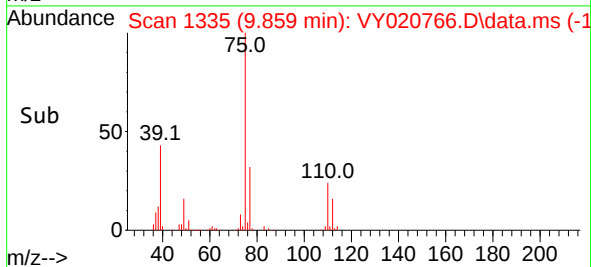
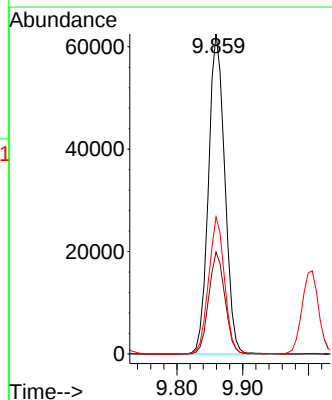
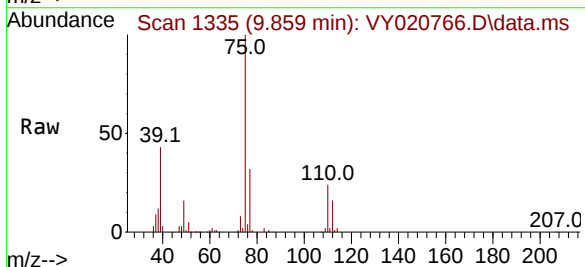
Tgt Ion: 75 Resp: 107666

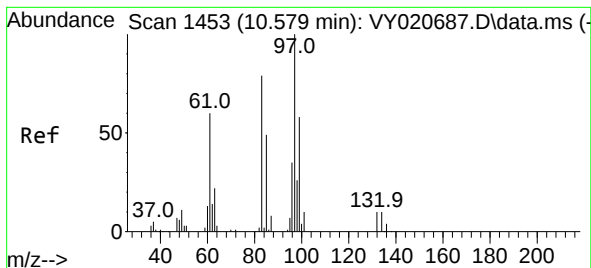
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 42.8 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 57.537 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 51644

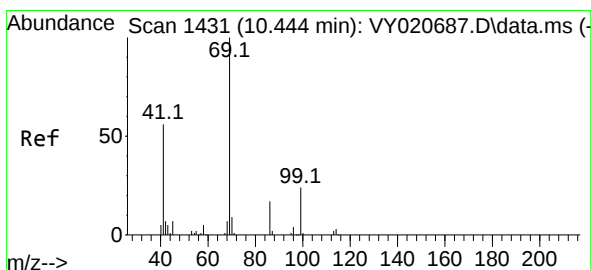
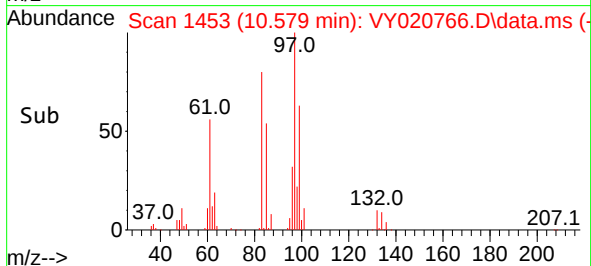
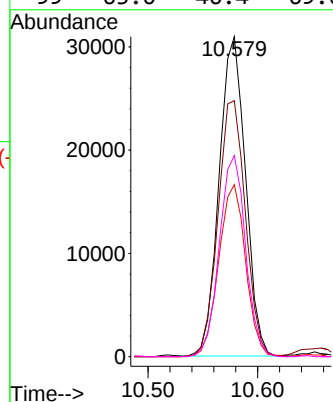
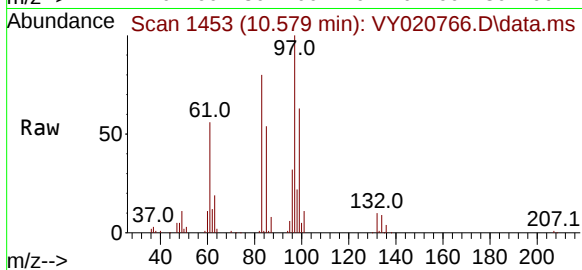
Ion Ratio Lower Upper

97 100

83 80.2 63.1 94.7

85 53.8 39.5 59.3

99 63.0 46.4 69.6



#56

Ethyl methacrylate

Concen: 62.546 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

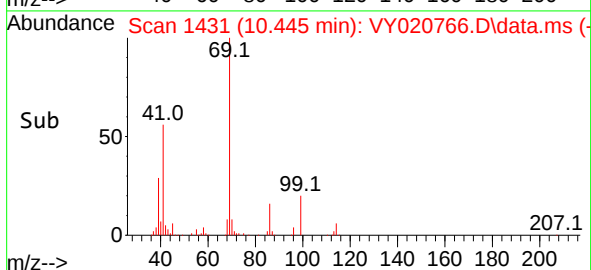
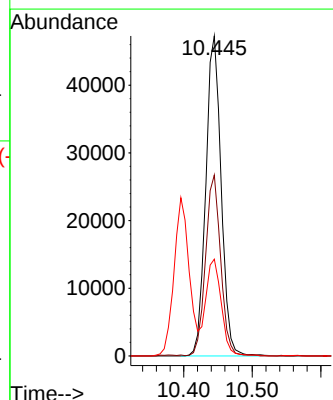
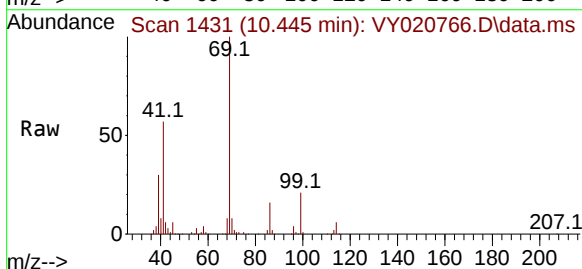
Tgt Ion: 69 Resp: 73753

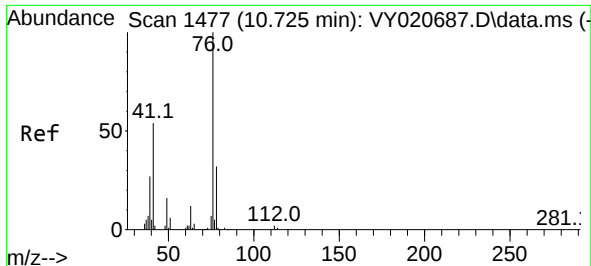
Ion Ratio Lower Upper

69 100

41 55.9 43.8 65.6

39 31.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 60.089 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

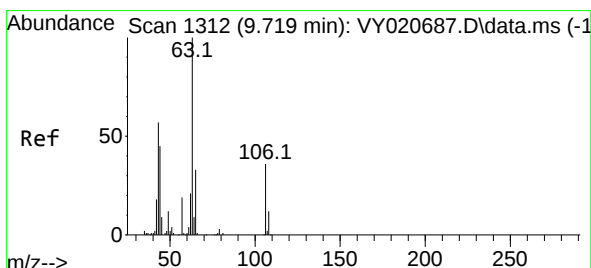
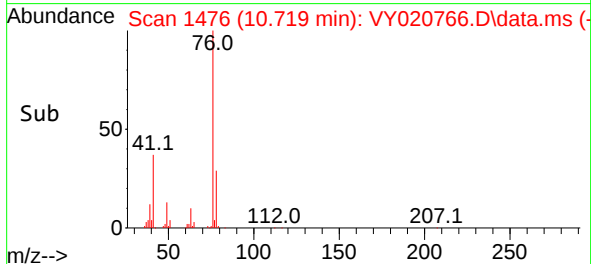
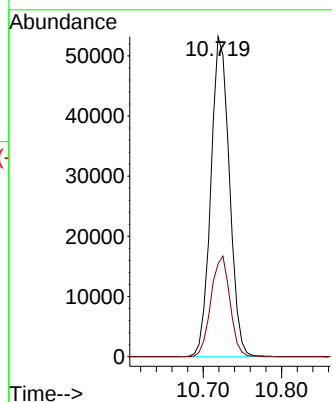
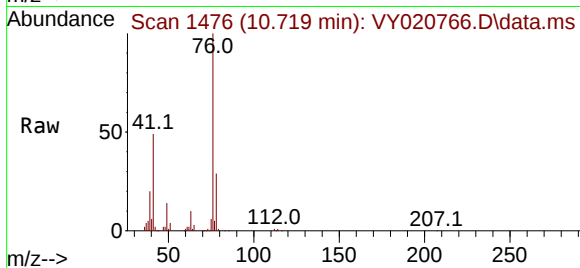
ClientSampleId :

Tgt Ion: 76 Resp: 87537

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 395.529 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020766.D

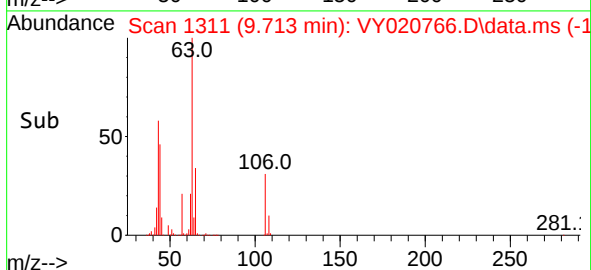
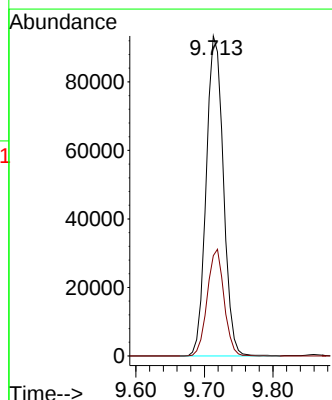
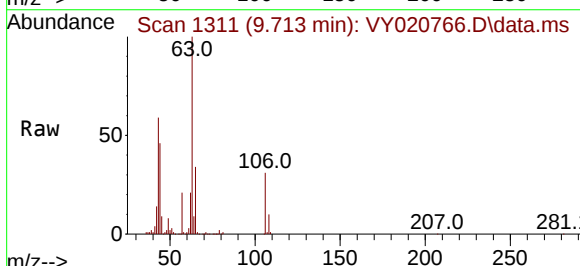
Acq: 03 Jan 2025 10:16

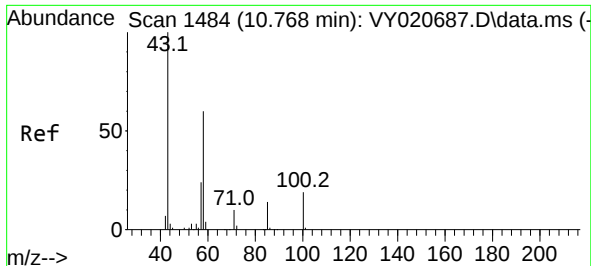
Tgt Ion: 63 Resp: 162639

Ion Ratio Lower Upper

63 100

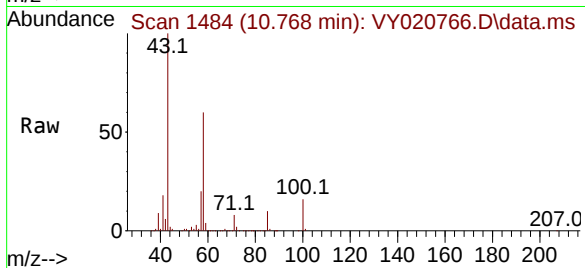
106 32.6 29.1 43.7



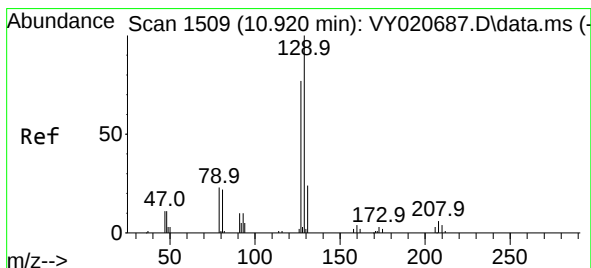
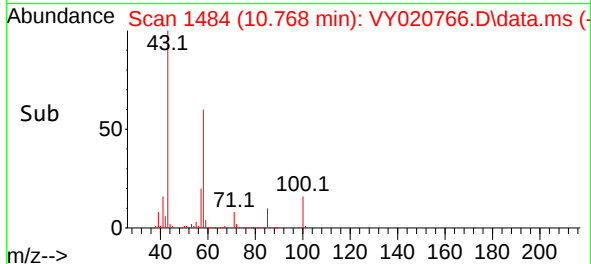
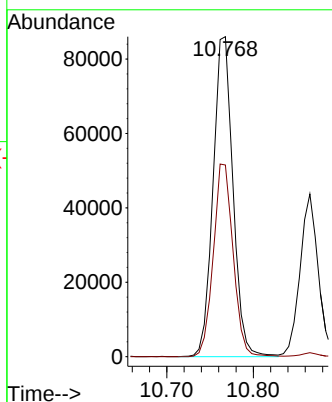


#59
2-Hexanone
Concen: 355.066 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :

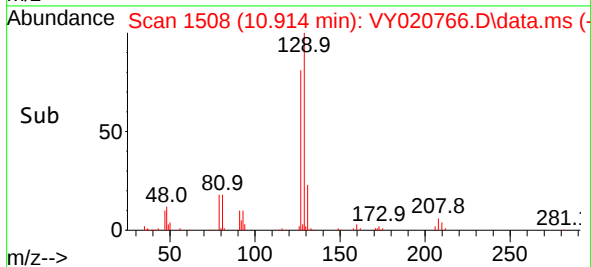
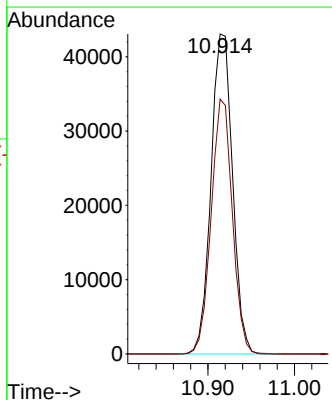
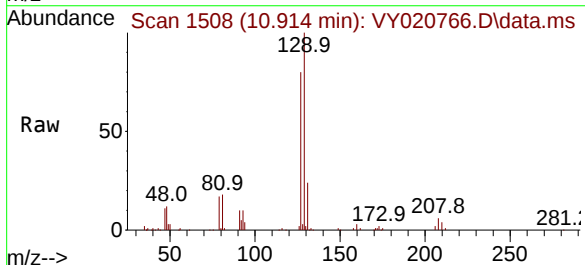


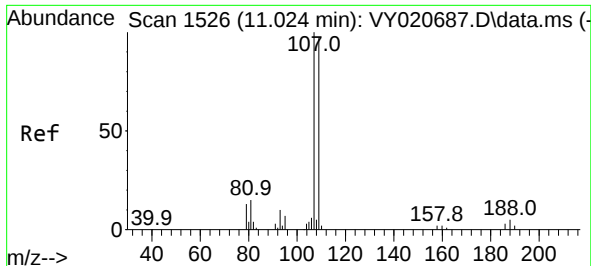
Tgt Ion: 43 Resp: 137294
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.5



#60
Dibromochloromethane
Concen: 51.320 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 129 Resp: 74432
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

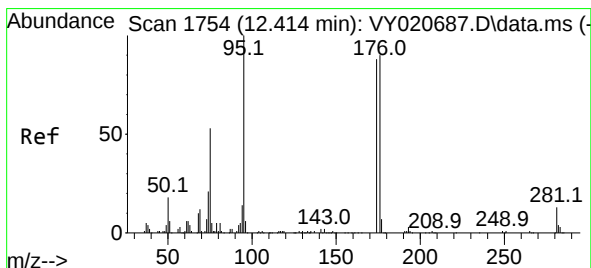
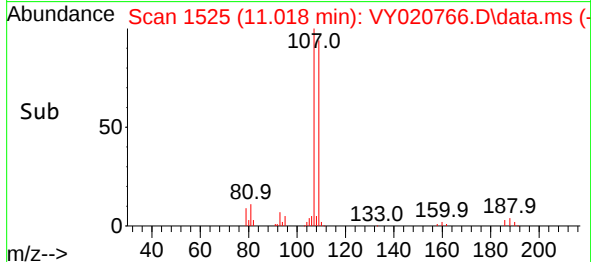
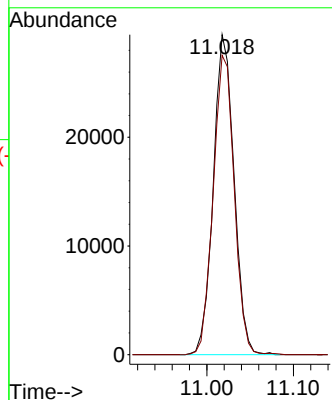
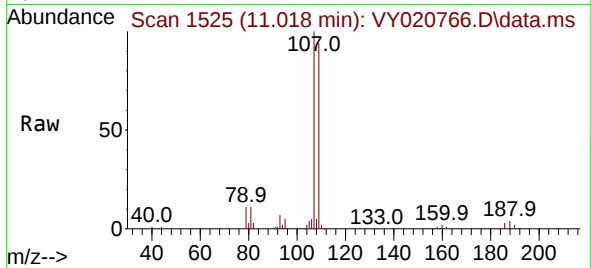




#61
1,2-Dibromoethane
Concen: 57.902 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

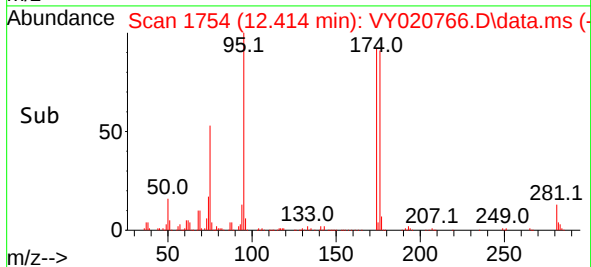
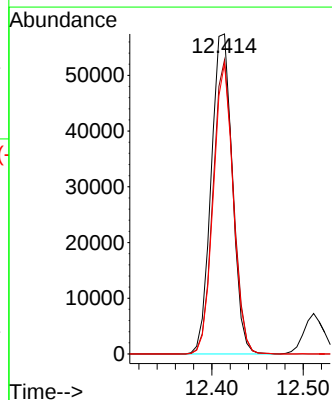
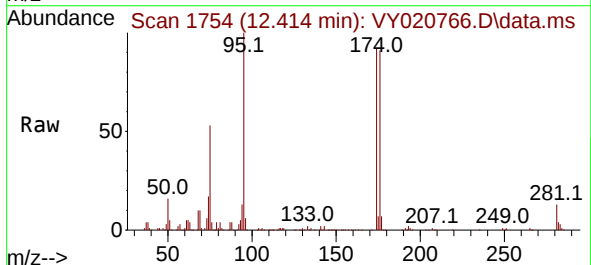
Instrument :
MSVOA_Y
ClientSampleId :

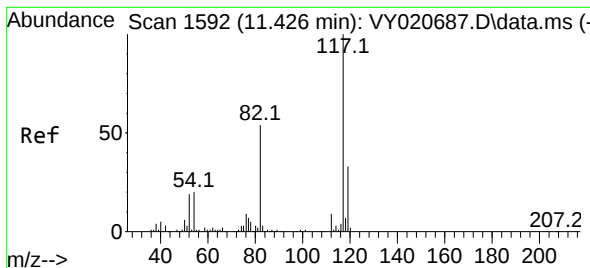
Tgt Ion:107 Resp: 48903
Ion Ratio Lower Upper
107 100
109 95.1 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 52.894 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 95 Resp: 92185
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.2
176 85.3 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.006 min

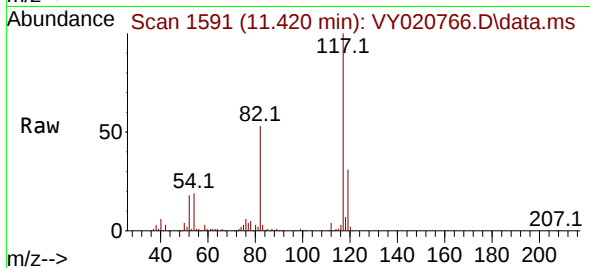
Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :



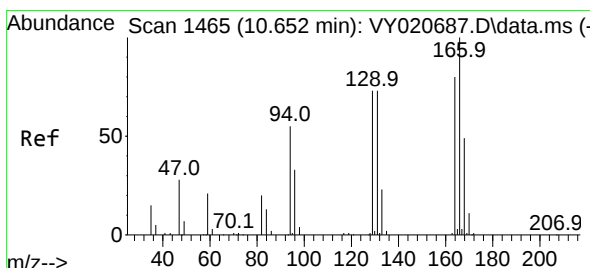
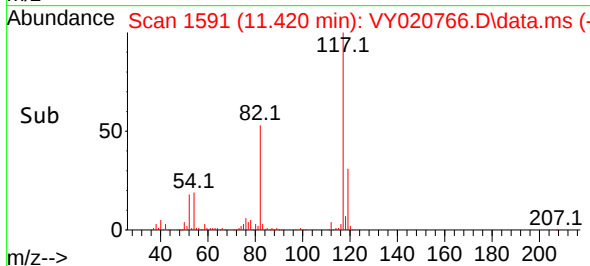
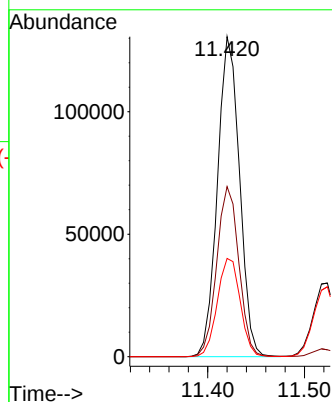
Tgt Ion:117 Resp: 206986

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.2

119 30.7 26.6 39.8



#64

Tetrachloroethene

Concen: 48.128 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Tgt Ion:164 Resp: 68060

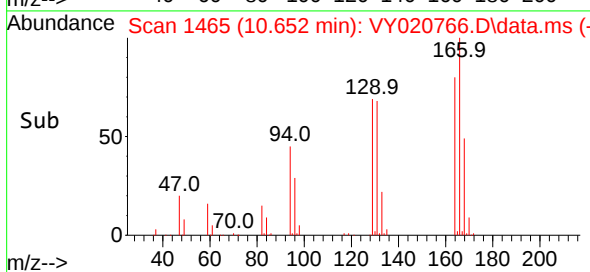
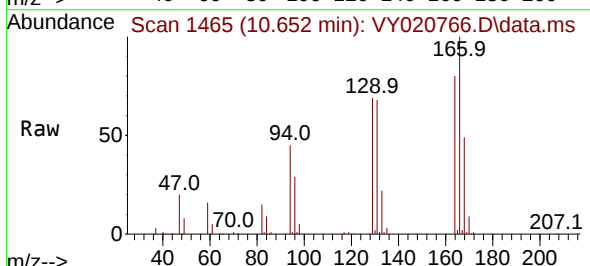
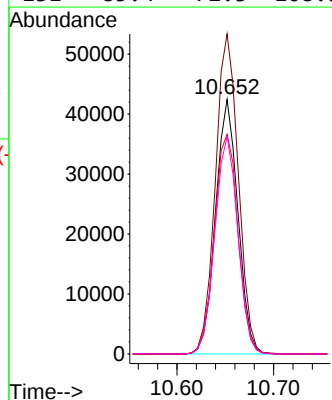
Ion Ratio Lower Upper

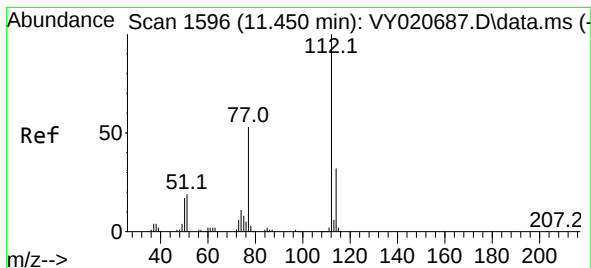
164 100

166 125.7 99.6 149.4

129 86.3 73.0 109.4

131 85.4 72.3 108.5





#65

Chlorobenzene

Concen: 51.405 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

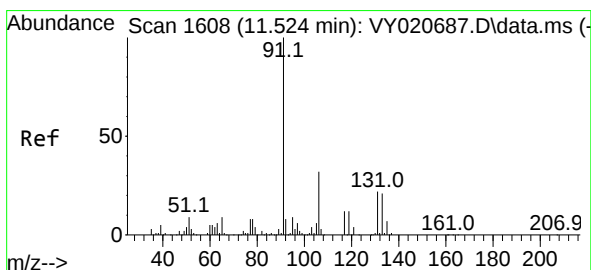
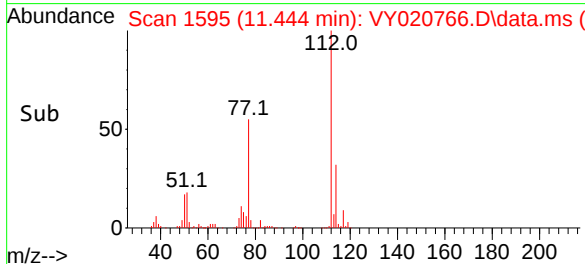
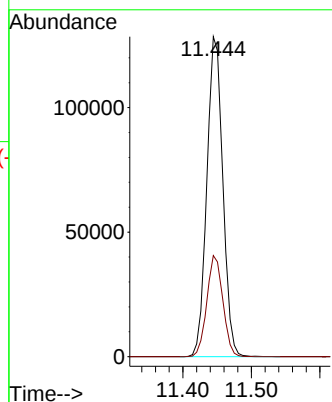
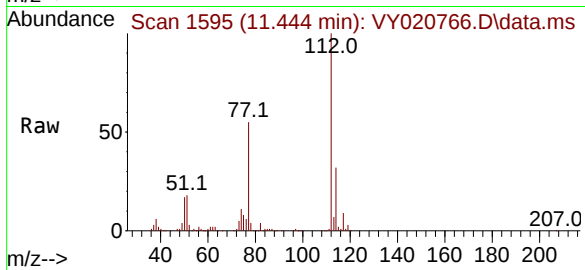
ClientSampleId :

Tgt Ion:112 Resp: 208341

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.162 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

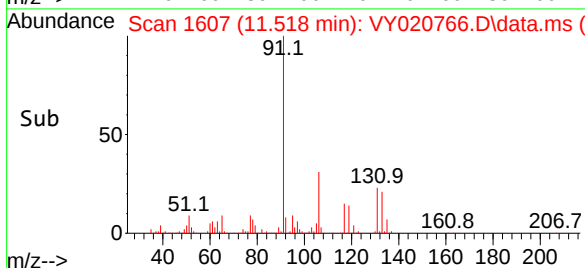
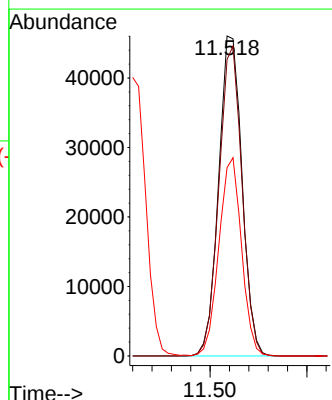
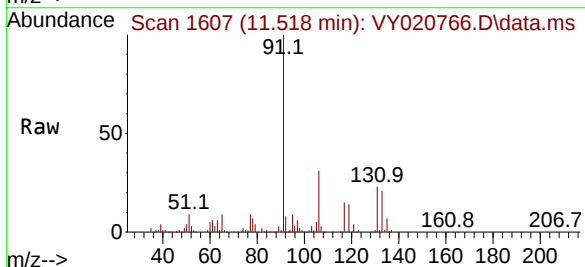
Tgt Ion:131 Resp: 77194

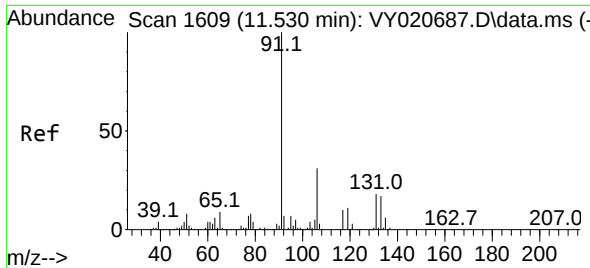
Ion Ratio Lower Upper

131 100

133 95.5 48.6 145.9

119 60.1 28.4 85.3

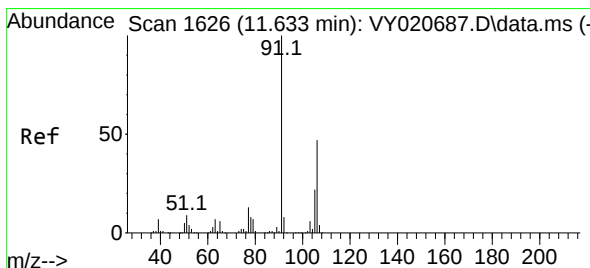
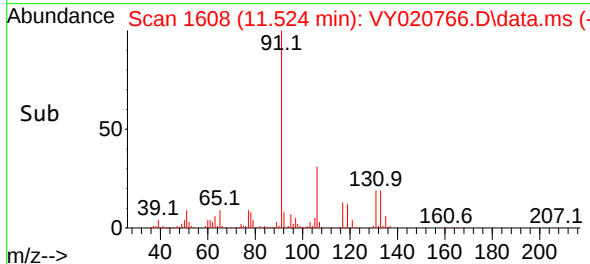
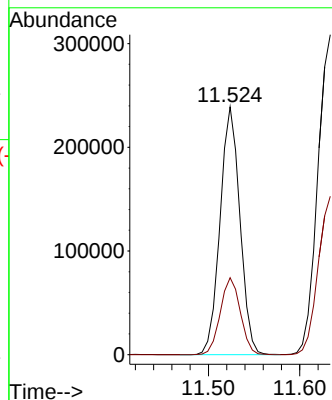
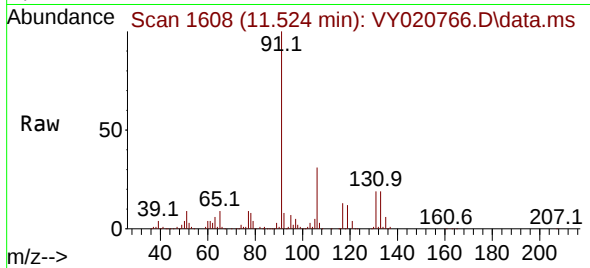




#67
Ethyl Benzene
Concen: 50.952 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

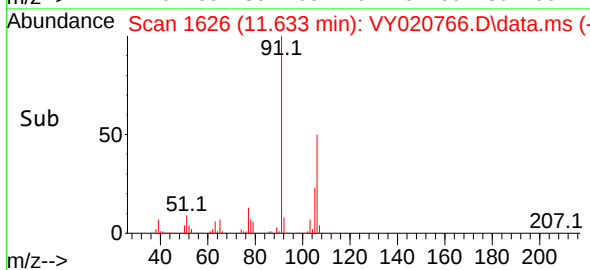
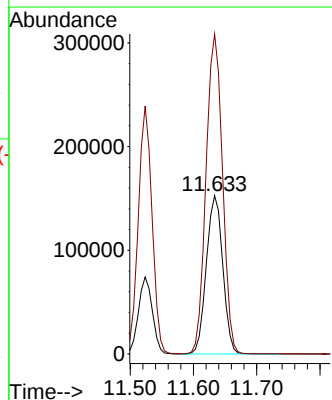
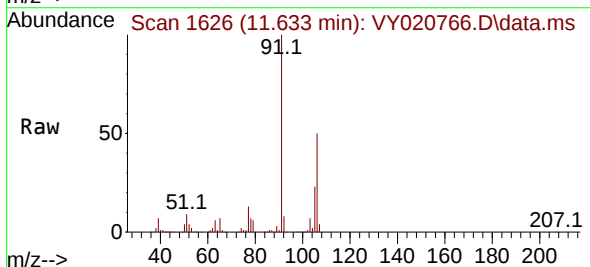
Instrument :
MSVOA_Y
ClientSampleId :

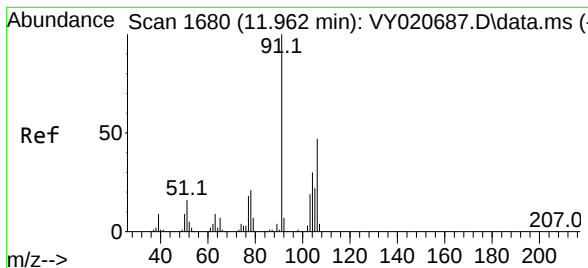
Tgt Ion: 91 Resp: 360927
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 102.041 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion:106 Resp: 275726
Ion Ratio Lower Upper
106 100
91 202.7 166.6 250.0

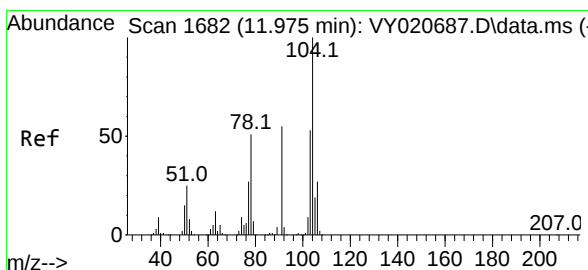
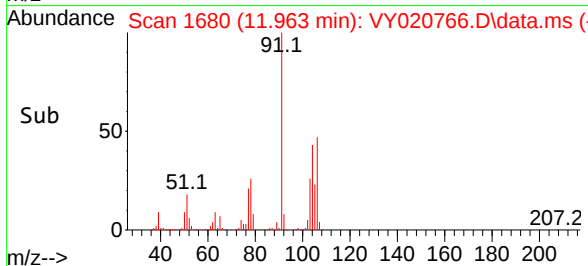
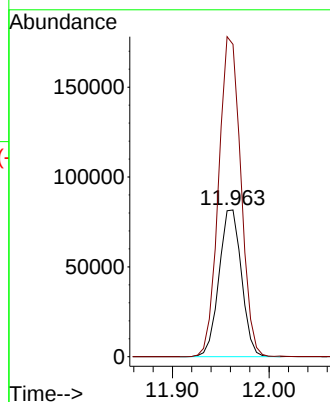
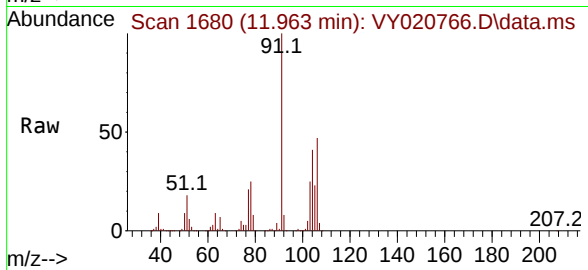




#69
o-Xylene
Concen: 50.866 ug/l
RT: 11.963 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

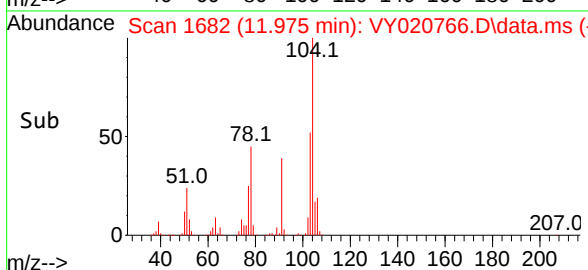
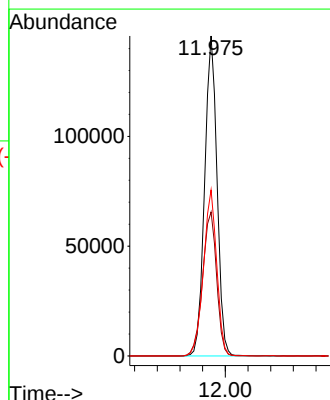
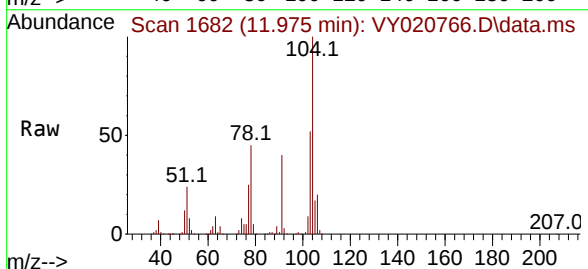
Instrument :
MSVOA_Y
ClientSampleId :

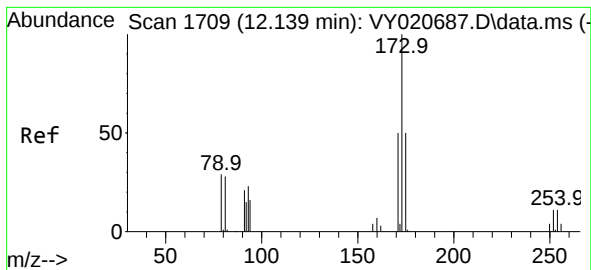
Tgt Ion:106 Resp: 131319
Ion Ratio Lower Upper
106 100
91 216.2 108.6 325.8



#70
Styrene
Concen: 51.042 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion:104 Resp: 221208
Ion Ratio Lower Upper
104 100
78 50.9 43.0 64.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 52.492 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

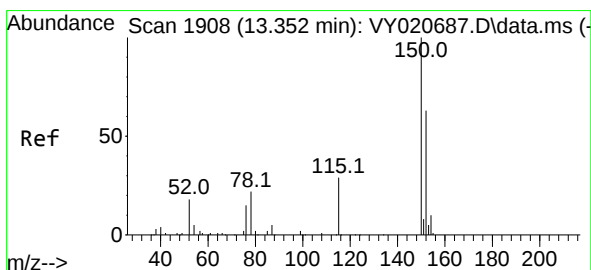
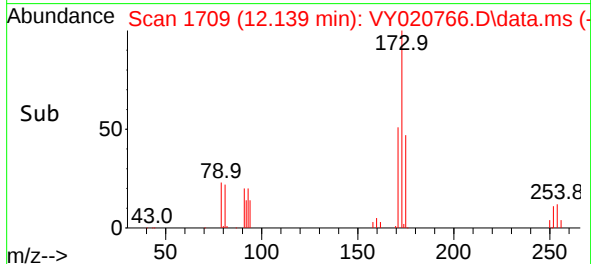
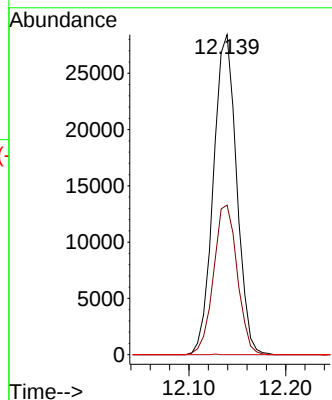
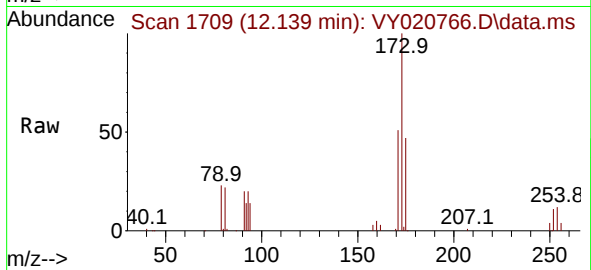
Tgt Ion:173 Resp: 47387

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

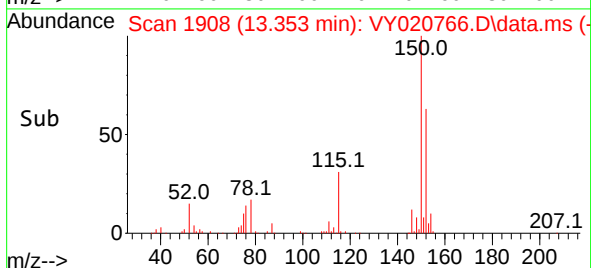
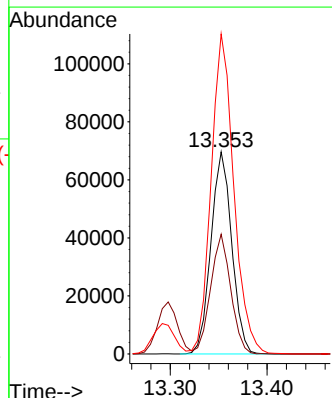
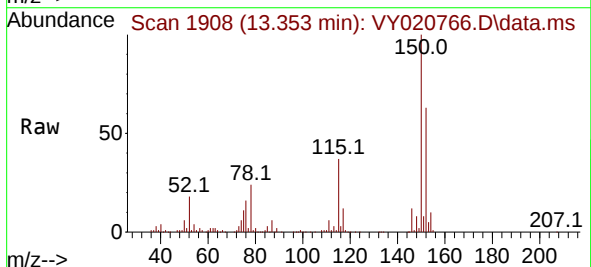
Tgt Ion:152 Resp: 104334

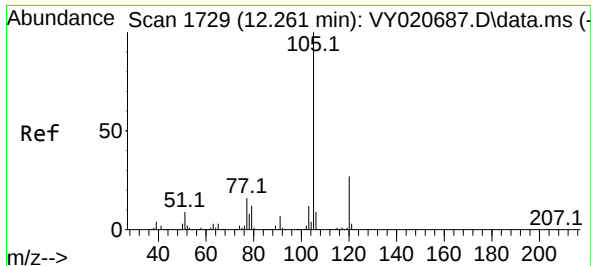
Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 172.5 0.0 349.0

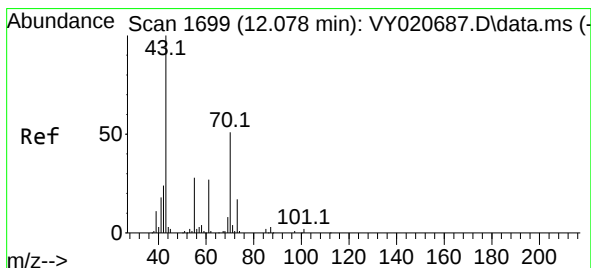
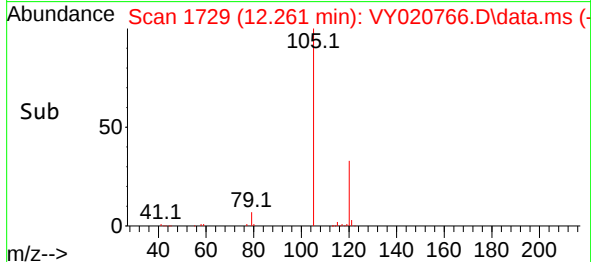
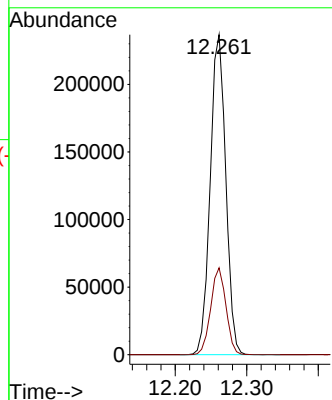
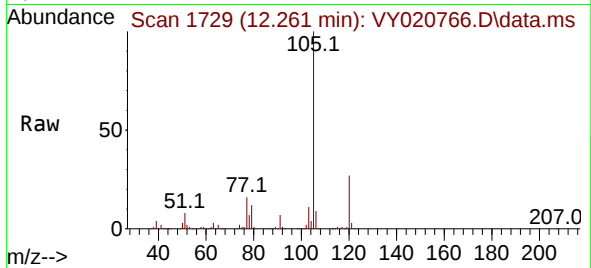




#73
Isopropylbenzene
Concen: 49.404 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

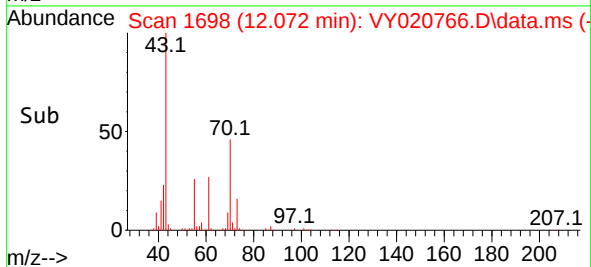
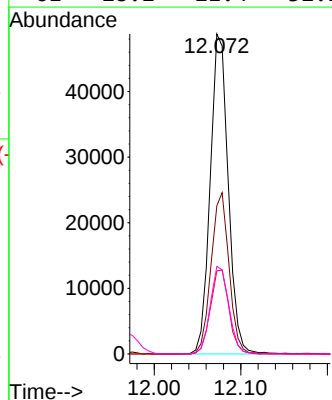
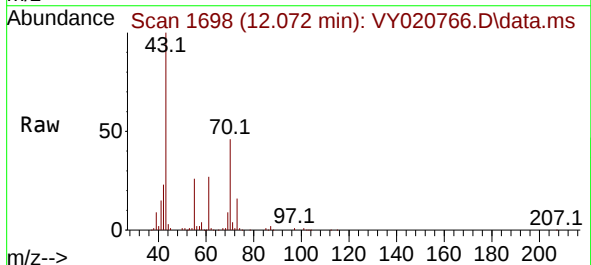
Instrument :
MSVOA_Y
ClientSampleId :

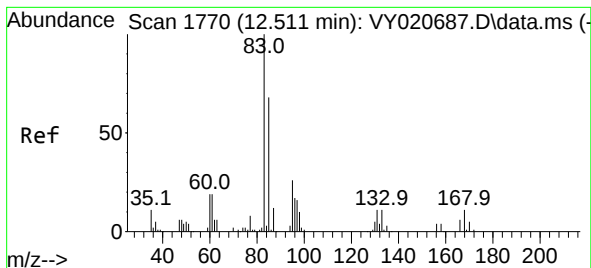
Tgt Ion:105 Resp: 357114
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 68.679 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 43 Resp: 70548
Ion Ratio Lower Upper
43 100
70 50.3 39.7 59.5
55 27.0 21.5 32.3
61 28.2 21.4 32.2





#75

1,1,2-Tetrachloroethane

Concen: 64.354 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

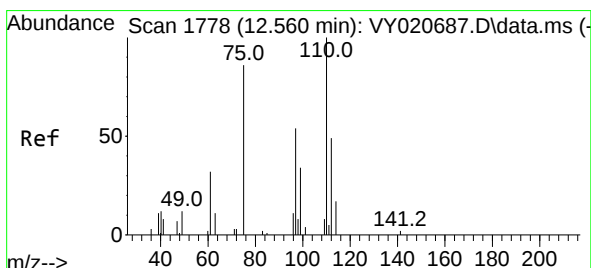
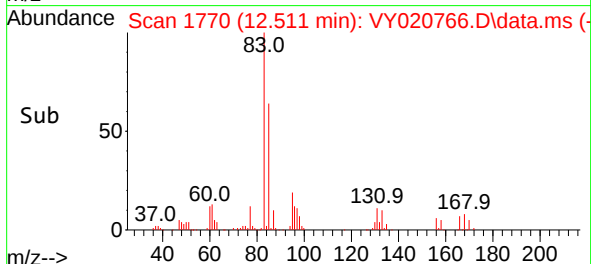
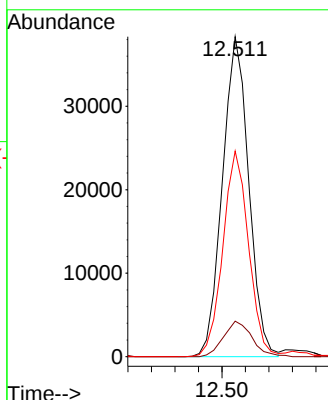
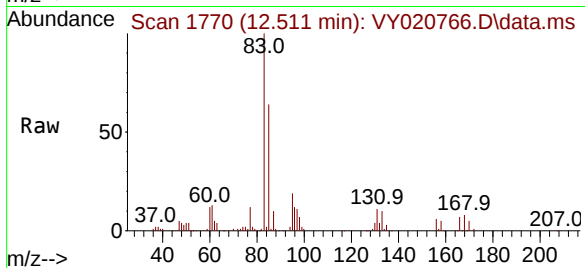
Tgt Ion: 83 Resp: 59634

Ion Ratio Lower Upper

83 100

131 12.0 6.9 20.7

85 62.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 116.230 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020766.D

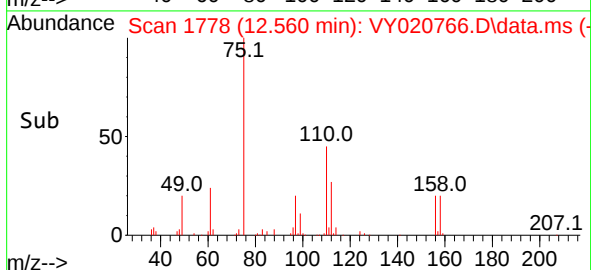
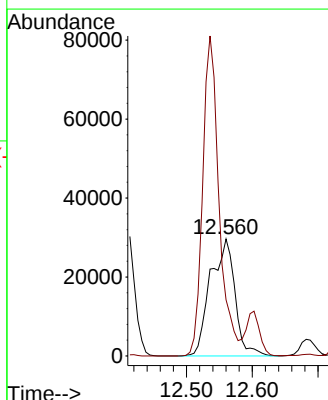
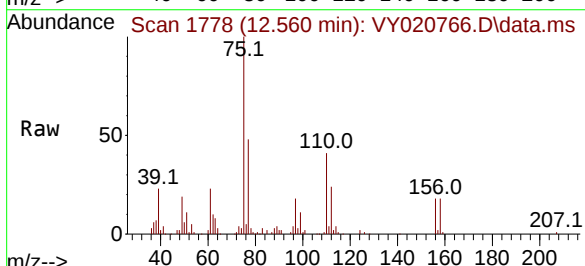
Acq: 03 Jan 2025 10:16

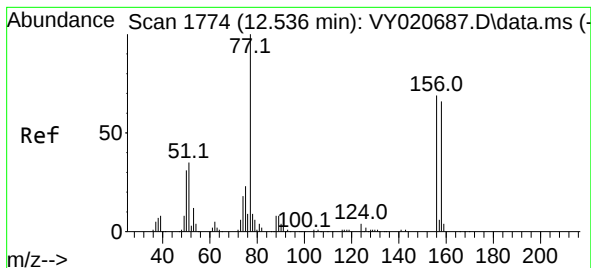
Tgt Ion: 75 Resp: 77128

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.248 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

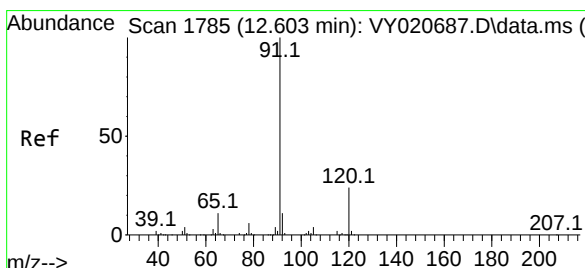
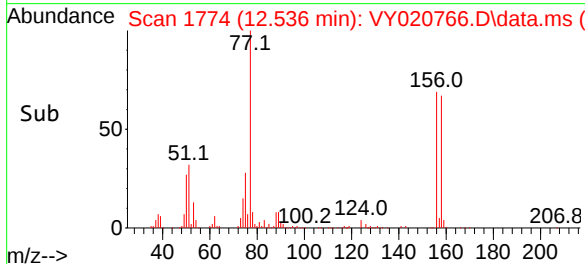
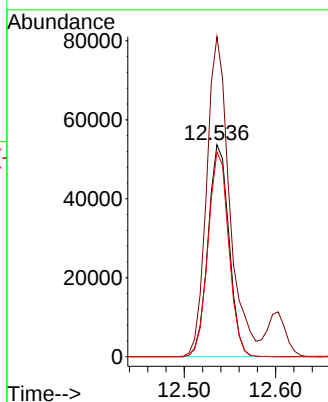
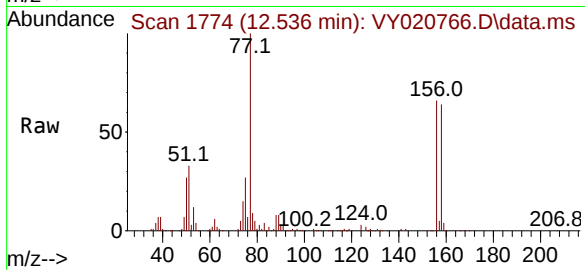
Tgt Ion:156 Resp: 85275

Ion Ratio Lower Upper

156 100

77 164.4 78.3 235.0

158 95.6 48.3 144.9



#78

n-propylbenzene

Concen: 50.972 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020766.D

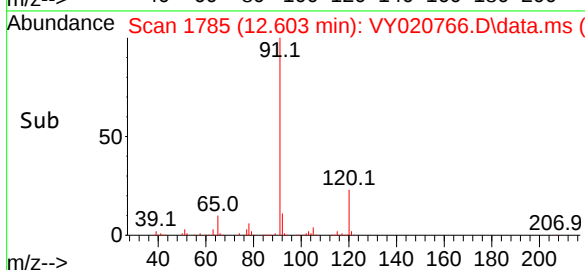
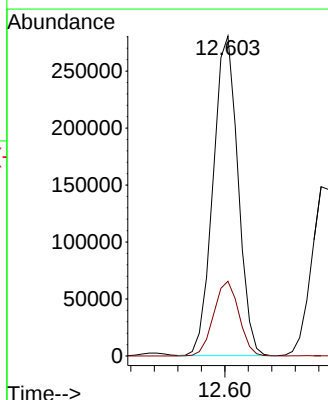
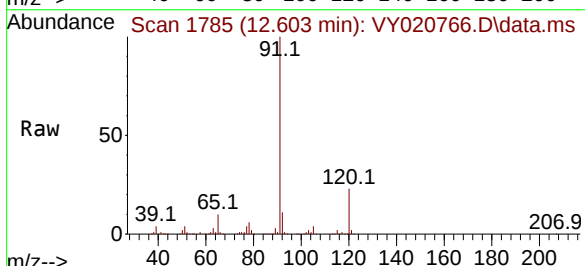
Acq: 03 Jan 2025 10:16

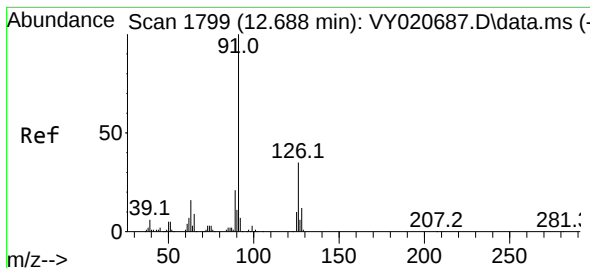
Tgt Ion: 91 Resp: 412958

Ion Ratio Lower Upper

91 100

120 23.7 12.3 36.8

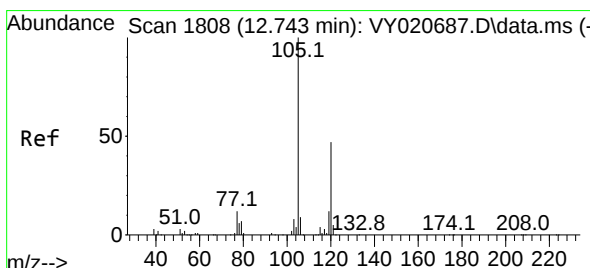
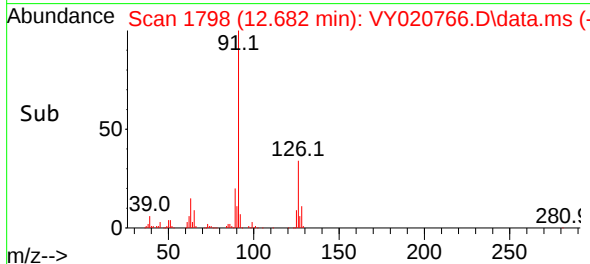
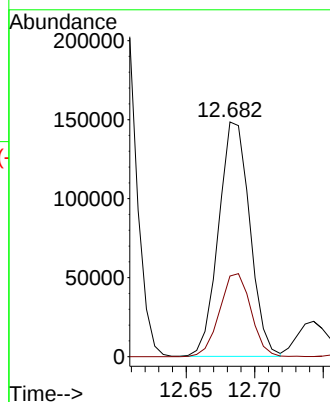
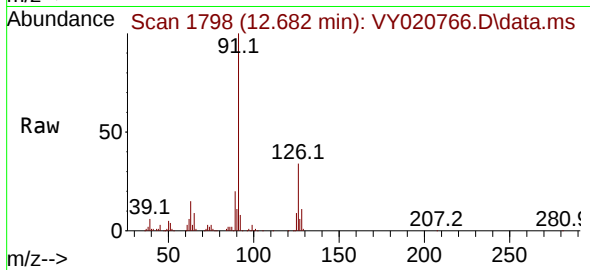




#79
2-Chlorotoluene
Concen: 50.971 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

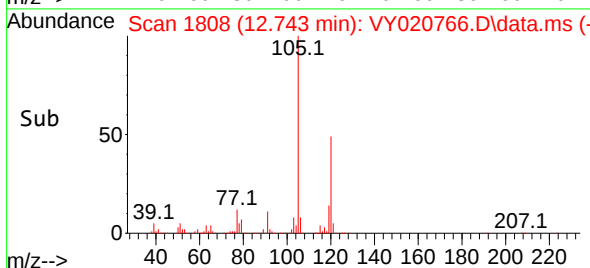
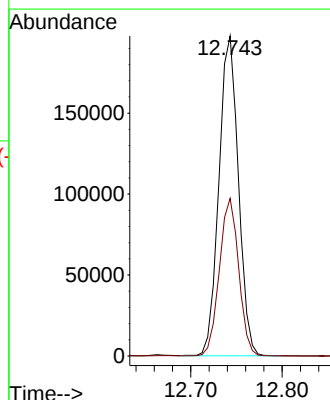
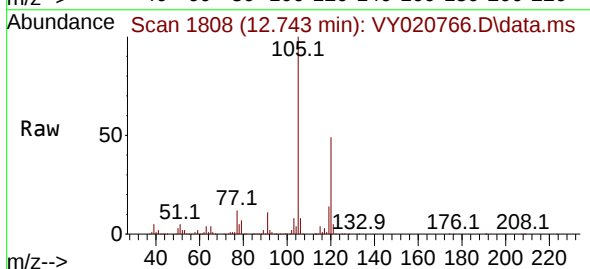
Instrument :
MSVOA_Y
ClientSampleId :

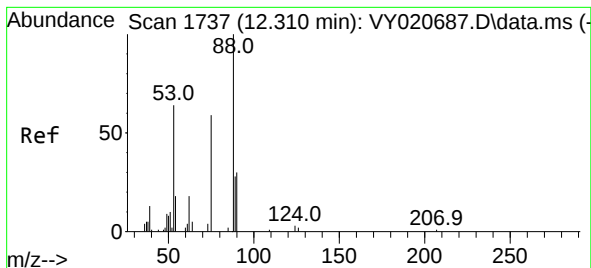
Tgt Ion: 91 Resp: 235413
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 48.559 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 105 Resp: 292440
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

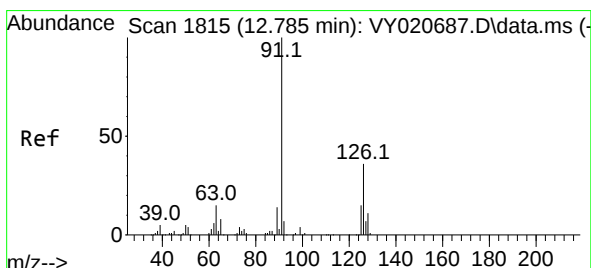
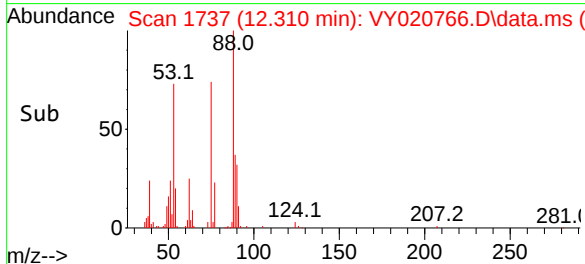
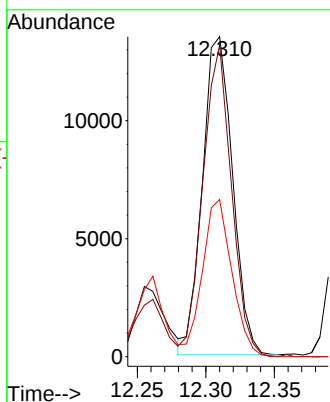
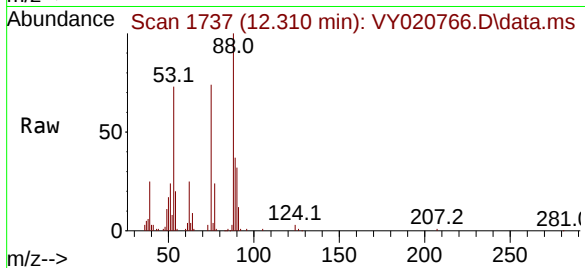




#81
trans-1,4-Dichloro-2-butene
Concen: 61.528 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

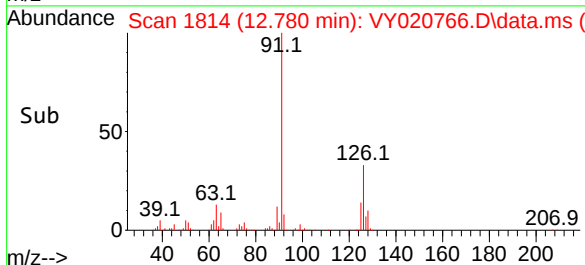
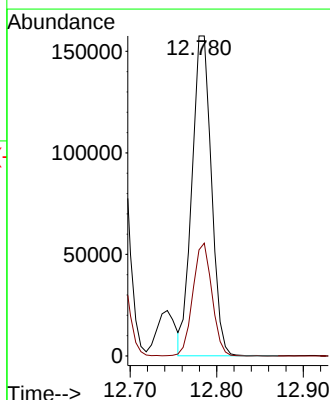
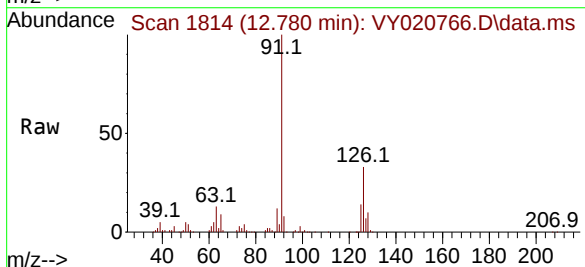
Instrument :
MSVOA_Y
ClientSampleId :

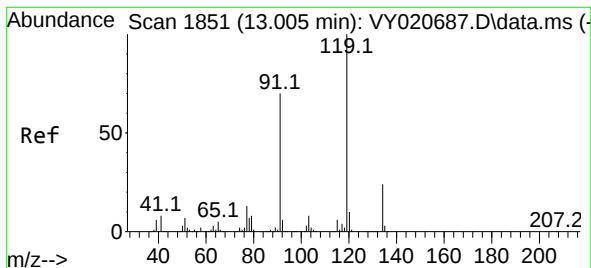
Tgt Ion: 75 Resp: 20656
Ion Ratio Lower Upper
75 100
53 92.7 83.1 124.7
89 48.8 40.6 61.0



#82
4-Chlorotoluene
Concen: 51.474 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.005 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion: 91 Resp: 245691
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.5





#83

tert-Butylbenzene

Concen: 48.708 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

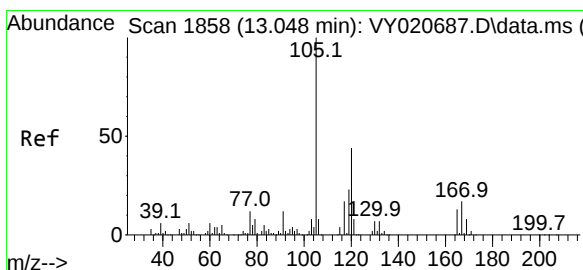
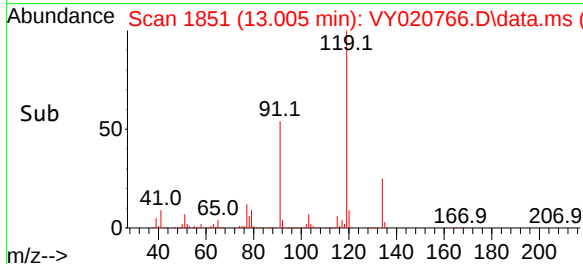
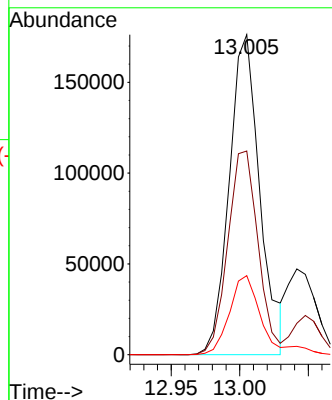
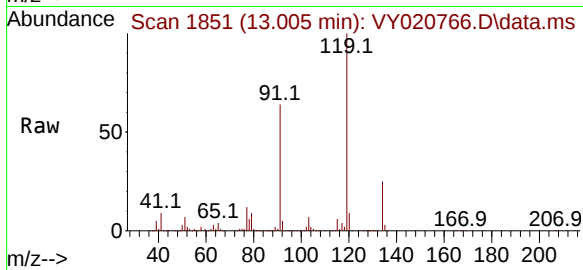
Tgt Ion:119 Resp: 273945

Ion Ratio Lower Upper

119 100

91 63.2 33.6 100.8

134 26.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 49.323 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020766.D

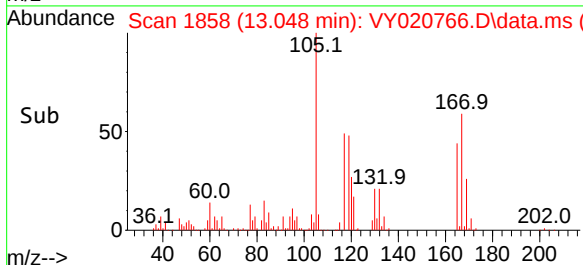
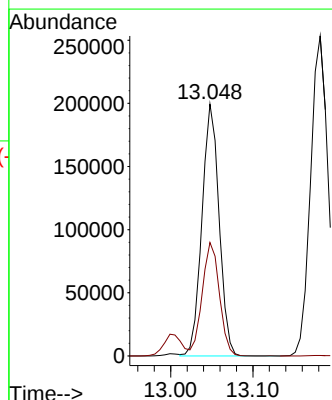
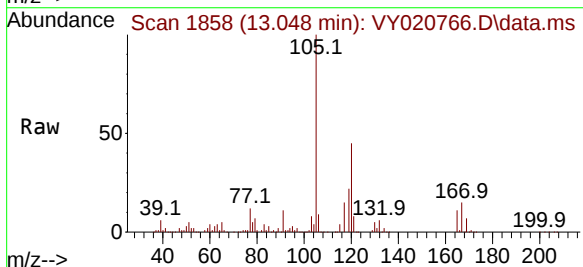
Acq: 03 Jan 2025 10:16

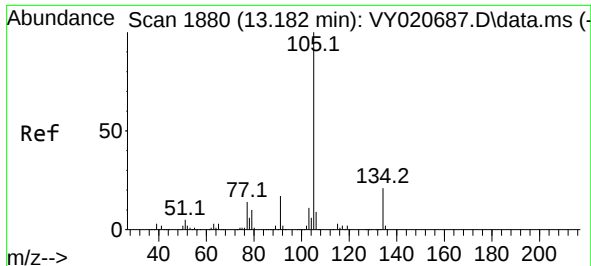
Tgt Ion:105 Resp: 289061

Ion Ratio Lower Upper

105 100

120 44.9 21.8 65.3

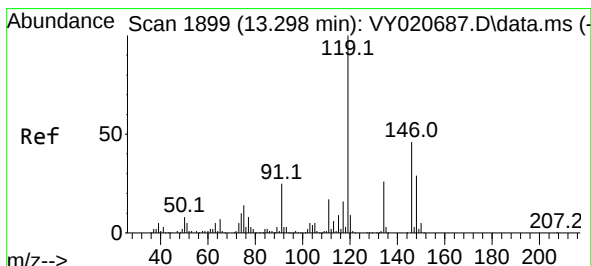
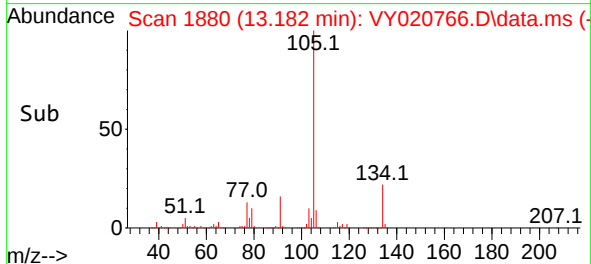
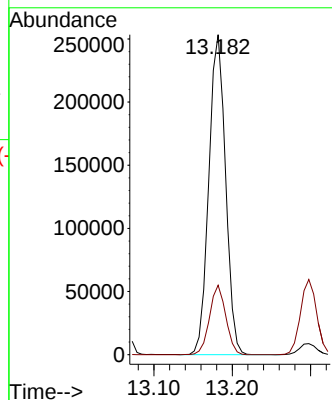
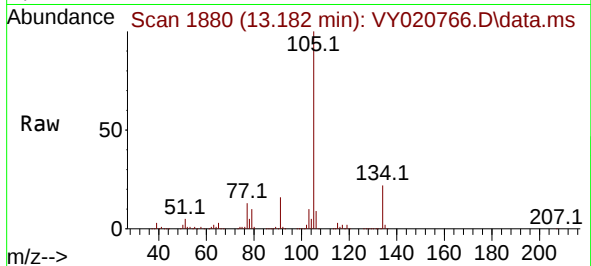




#85
 sec-Butylbenzene
 Concen: 49.524 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020766.D
 Acq: 03 Jan 2025 10:16

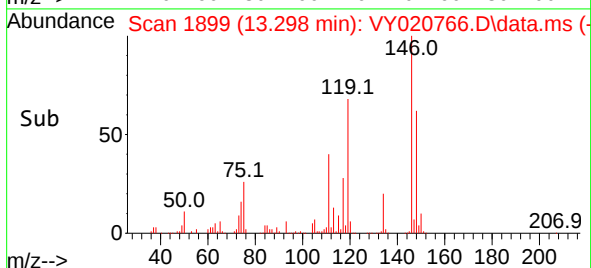
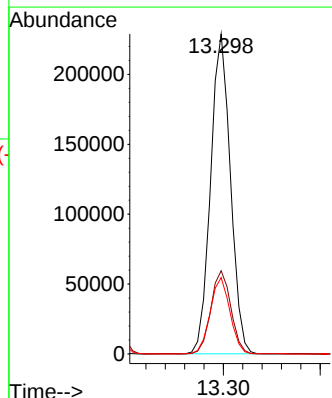
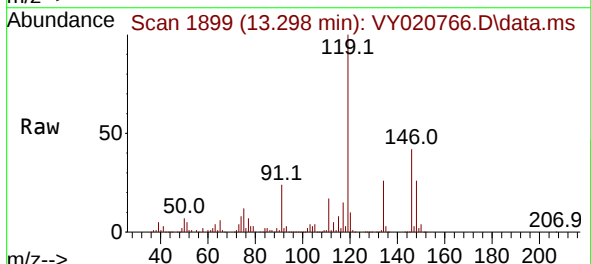
Instrument :
 MSVOA_Y
 ClientSampleId :

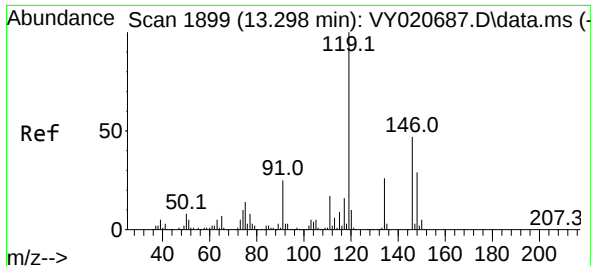
Tgt Ion:105 Resp: 375388
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 48.214 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020766.D
 Acq: 03 Jan 2025 10:16

Tgt Ion:119 Resp: 325691
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 23.7 12.9 38.6

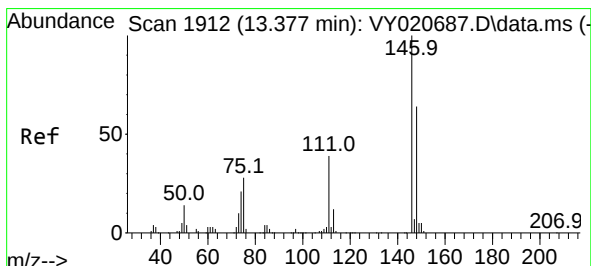
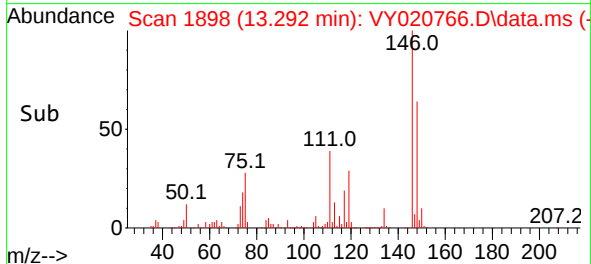
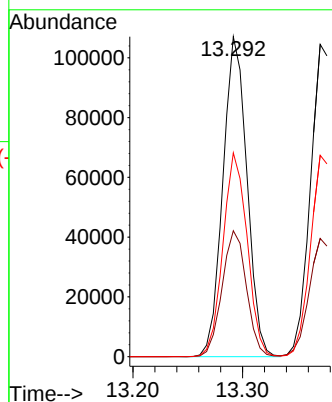
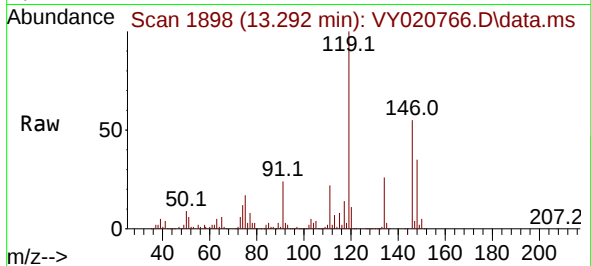




#87
1,3-Dichlorobenzene
Concen: 50.256 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

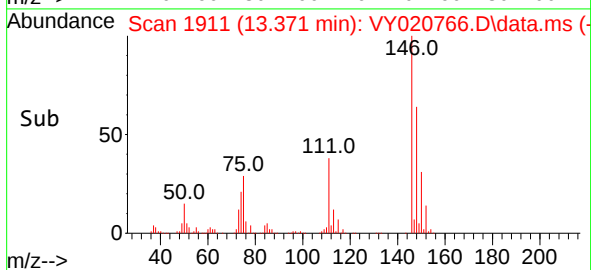
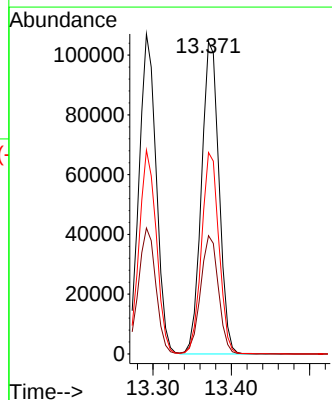
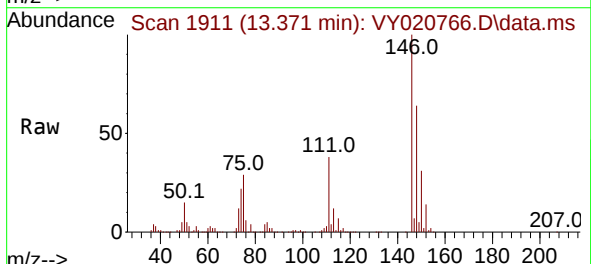
Instrument :
MSVOA_Y
ClientSampleId :

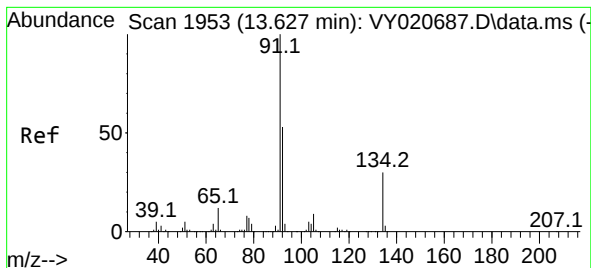
Tgt Ion:146 Resp: 163438
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.8
148 64.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 50.188 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020766.D
Acq: 03 Jan 2025 10:16

Tgt Ion:146 Resp: 162363
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.0
148 64.1 32.8 98.3





#89

n-Butylbenzene

Concen: 51.047 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

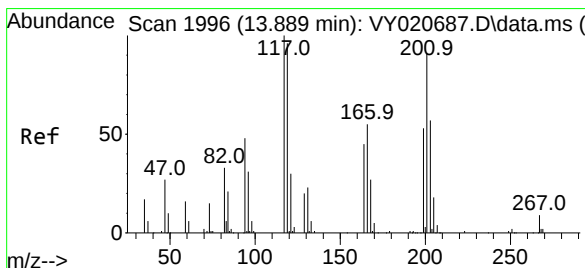
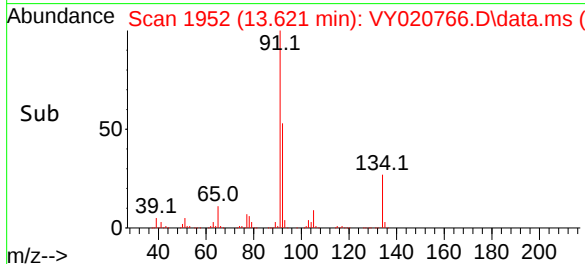
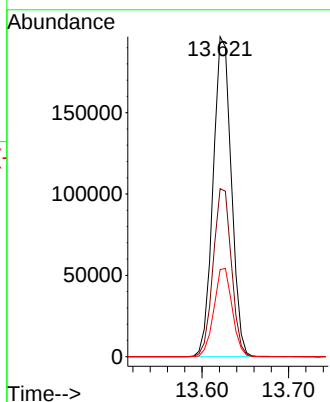
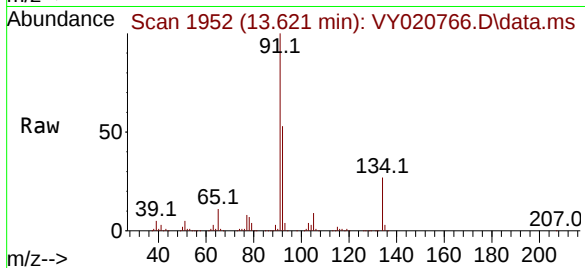
Tgt Ion: 91 Resp: 287847

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.2

134 27.7 14.8 44.4



#90

Hexachloroethane

Concen: 49.121 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020766.D

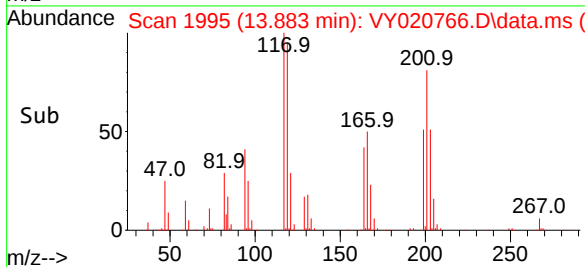
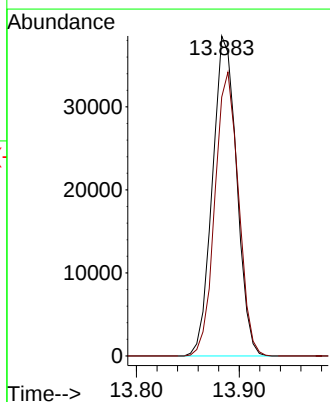
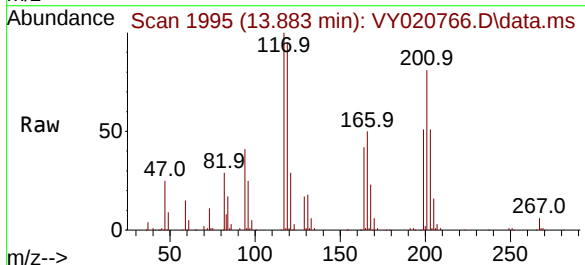
Acq: 03 Jan 2025 10:16

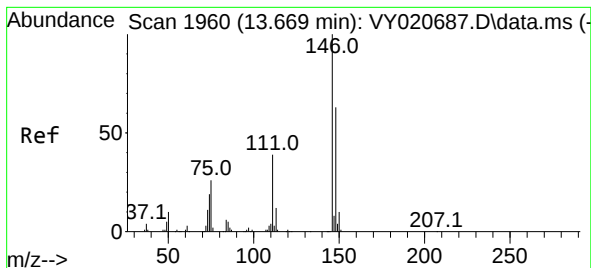
Tgt Ion: 117 Resp: 63096

Ion Ratio Lower Upper

117 100

201 86.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 51.820 ug/l

RT: 13.664 min Scan# 1960

Delta R.T. -0.005 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

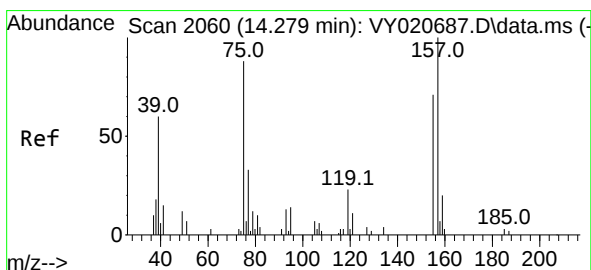
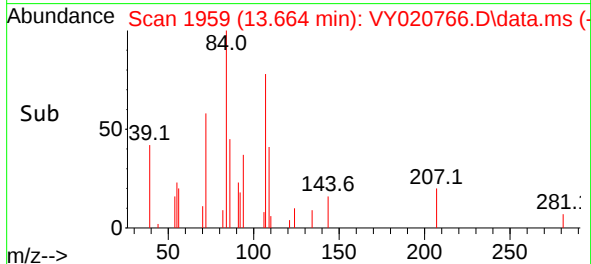
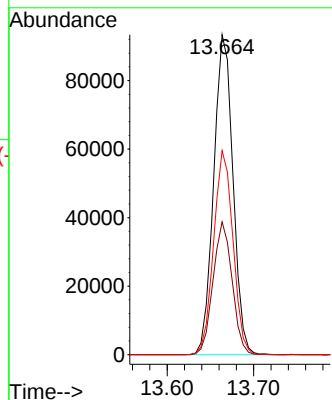
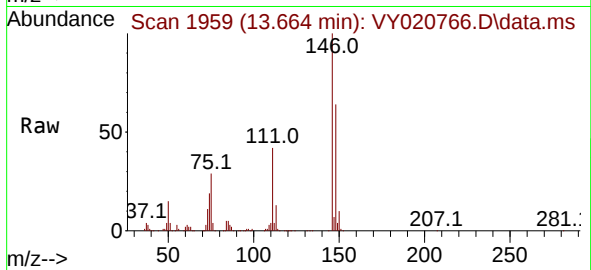
Tgt Ion:146 Resp: 144497

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

148 63.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.275 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

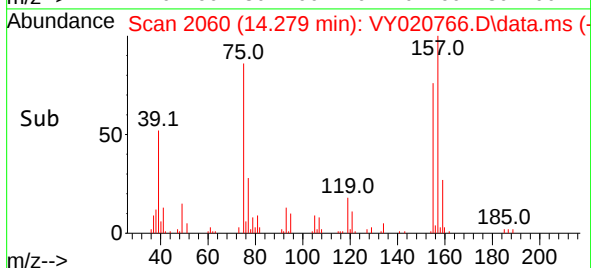
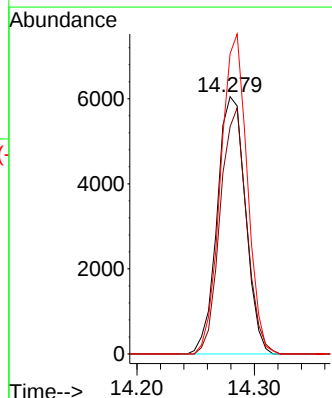
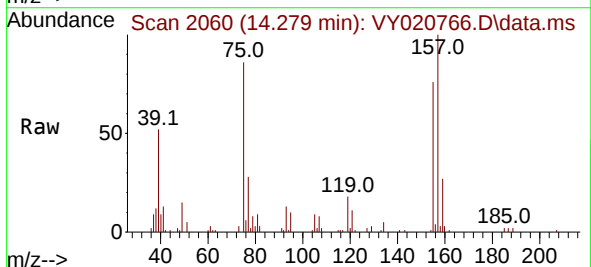
Tgt Ion: 75 Resp: 10114

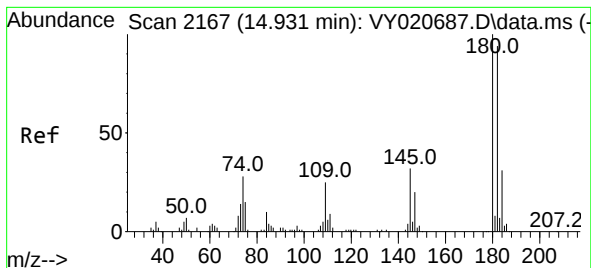
Ion Ratio Lower Upper

75 100

155 89.1 43.4 130.2

157 116.7 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 51.616 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

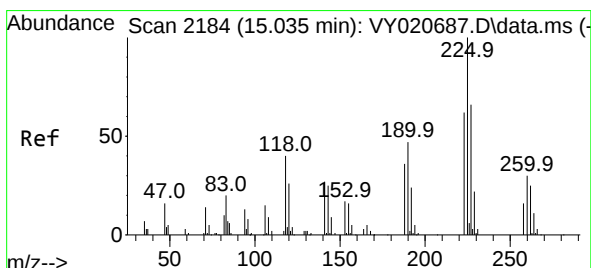
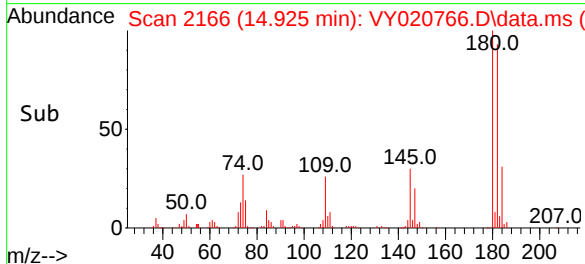
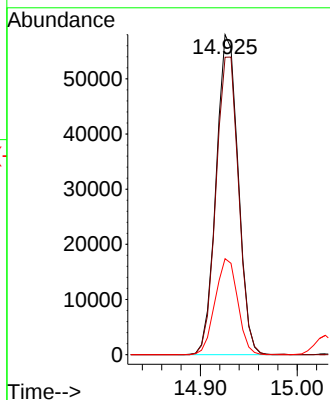
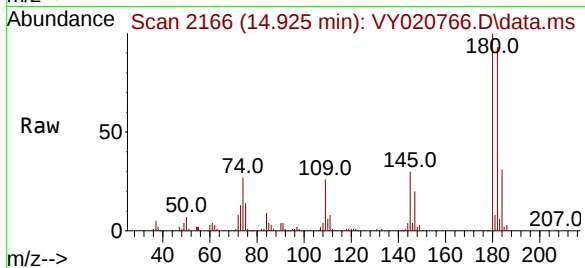
Tgt Ion:180 Resp: 91484

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 30.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 46.505 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

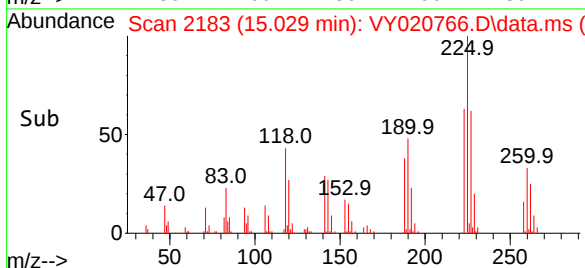
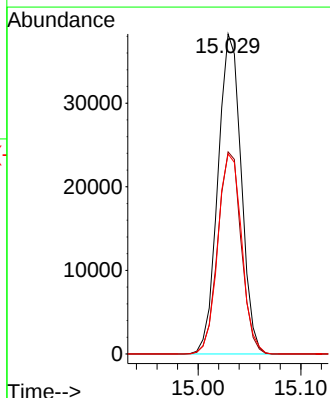
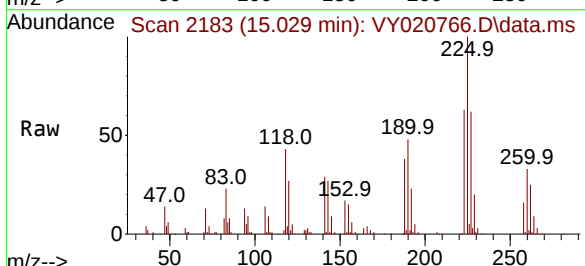
Tgt Ion:225 Resp: 60073

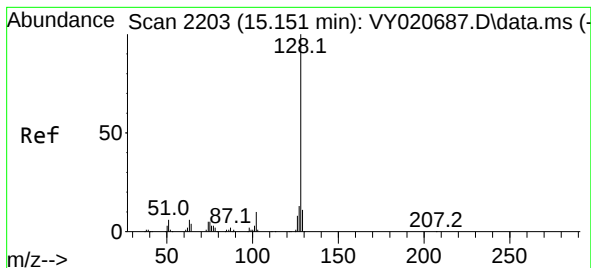
Ion Ratio Lower Upper

225 100

223 63.6 31.3 93.8

227 64.2 32.1 96.5





#95

Naphthalene

Concen: 57.393 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

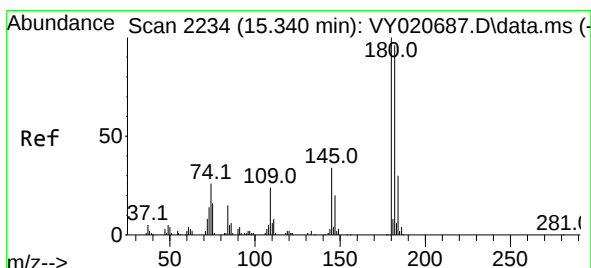
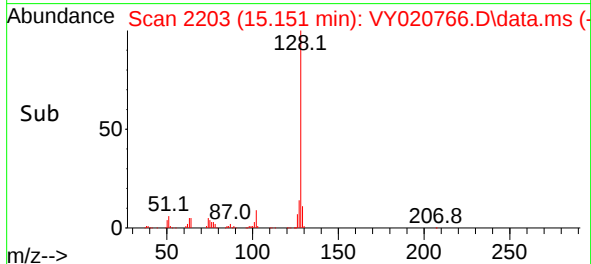
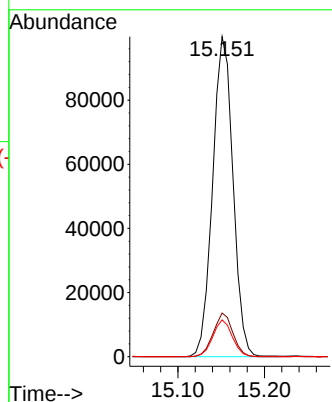
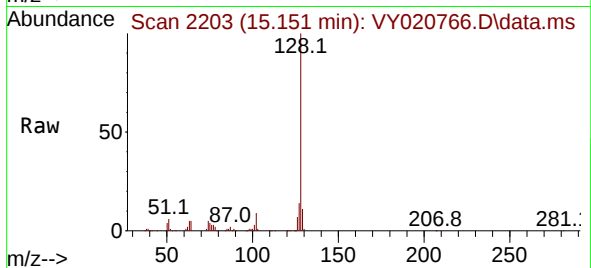
Tgt Ion:128 Resp: 162922

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.638 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020766.D

Acq: 03 Jan 2025 10:16

Tgt Ion:180 Resp: 77679

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 32.4 16.7 50.1

