

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020926.D
 Acq On : 24 Jan 2025 13:34
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 02:02:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	263581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	384193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	325088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	160221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	25895	12.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.640%#
35) Dibromofluoromethane	7.646	113	34870	15.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.620%#
50) Toluene-d8	10.115	98	82211	9.610	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.220%#
62) 4-Bromofluorobenzene	12.414	95	40664	14.282	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	28.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	47181	23.666	ug/l	99
3) Chloromethane	2.074	50	30416	20.513	ug/l	100
4) Vinyl Chloride	2.214	62	35886	22.206	ug/l	99
5) Bromomethane	2.605	94	21090	19.268	ug/l	100
6) Chloroethane	2.745	64	20739	21.874	ug/l	92
7) Trichlorofluoromethane	3.074	101	77642	22.613	ug/l	99
8) Diethyl Ether	3.470	74	23859	22.609	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	51820	22.873	ug/l	99
10) Methyl Iodide	4.025	142	62409	23.115	ug/l	98
11) Tert butyl alcohol	4.897	59	18072	111.396	ug/l #	94
12) 1,1-Dichloroethene	3.806	96	49143	22.969	ug/l	95
13) Acrolein	3.665	56	25200	114.581	ug/l	95
14) Allyl chloride	4.403	41	68737	23.018	ug/l	98
15) Acrylonitrile	5.080	53	49739	119.906	ug/l	100
16) Acetone	3.891	43	33433	117.418	ug/l	94
17) Carbon Disulfide	4.123	76	151165	22.878	ug/l	100
18) Methyl Acetate	4.403	43	23728	23.068	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	114806	23.167	ug/l	99
20) Methylene Chloride	4.635	84	48909	23.096	ug/l	99
21) trans-1,2-Dichloroethene	5.135	96	51517	22.332	ug/l	98
22) Diisopropyl ether	6.037	45	140577	23.403	ug/l	98
23) Vinyl Acetate	5.976	43	398732	119.941	ug/l	99
24) 1,1-Dichloroethane	5.933	63	86147	22.625	ug/l	98
25) 2-Butanone	6.909	43	56857	117.882	ug/l	93
26) 2,2-Dichloropropane	6.896	77	83721	22.323	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	59162	22.725	ug/l	100
28) Bromochloromethane	7.256	49	31118	20.306	ug/l	99
29) Tetrahydrofuran	7.274	42	38904	121.027	ug/l	99
30) Chloroform	7.433	83	92394	22.927	ug/l	97
31) Cyclohexane	7.713	56	85273	22.786	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	88706	22.693	ug/l	99
36) 1,1-Dichloropropene	7.848	75	71541	23.232	ug/l	99
37) Ethyl Acetate	7.000	43	29809	24.950	ug/l	99
38) Carbon Tetrachloride	7.829	117	85298	22.969	ug/l	98
39) Methylcyclohexane	9.122	83	95624	22.937	ug/l	99
40) Benzene	8.091	78	207213	22.937	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	14934	23.662	ug/l	98
42) 1,2-Dichloroethane	8.171	62	52451	23.333	ug/l	98
43) Isopropyl Acetate	8.207	43	56025	24.729	ug/l	98
44) Trichloroethene	8.878	130	56386	22.974	ug/l	94
45) 1,2-Dichloropropane	9.152	63	46499	23.317	ug/l	94
46) Dibromomethane	9.244	93	27086	23.891	ug/l	99
47) Bromodichloromethane	9.433	83	69668	23.095	ug/l	93
48) Methyl methacrylate	9.231	41	25465	23.827	ug/l	98
49) 1,4-Dioxane	9.256	88	4921	421.572	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	142367	124.625	ug/l	99
52) Toluene	10.182	92	135283	23.284	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	64023	23.148	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	76594	23.192	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	36234	23.644	ug/l	98
56) Ethyl methacrylate	10.451	69	47472	23.637	ug/l	99
57) 1,3-Dichloropropane	10.725	76	61548	23.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	98541	108.105	ug/l	99
59) 2-Hexanone	10.768	43	91478	124.532	ug/l	99
60) Dibromochloromethane	10.920	129	51755	23.996	ug/l	99
61) 1,2-Dibromoethane	11.024	107	34738	23.700	ug/l	98
64) Tetrachloroethene	10.658	164	52487	23.200	ug/l	98
65) Chlorobenzene	11.451	112	147025	23.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	51591	22.838	ug/l	98
67) Ethyl Benzene	11.530	91	257850	23.245	ug/l	98
68) m/p-Xylenes	11.640	106	196629	46.292	ug/l	99
69) o-Xylene	11.963	106	92842	23.400	ug/l	98
70) Styrene	11.981	104	154199	23.714	ug/l	100
71) Bromoform	12.139	173	30873	24.135	ug/l #	99
73) Isopropylbenzene	12.261	105	248439	22.514	ug/l	100
74) N-amyl acetate	12.078	43	46891	23.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	40577	23.634	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	51639	45.584	ug/l #	100
77) Bromobenzene	12.542	156	57717	22.314	ug/l	99
78) n-propylbenzene	12.603	91	291539	22.681	ug/l	100
79) 2-Chlorotoluene	12.688	91	164990	22.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	202445	22.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.316	75	13766	23.477	ug/l	96
82) 4-Chlorotoluene	12.786	91	168126	22.584	ug/l	99
83) tert-Butylbenzene	13.005	119	180689	22.094	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	199178	22.818	ug/l	100
85) sec-Butylbenzene	13.188	105	266205	22.830	ug/l	100
86) p-Isopropyltoluene	13.304	119	224978	22.838	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	112072	22.626	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	111190	22.852	ug/l	99
89) n-Butylbenzene	13.627	91	197318	22.708	ug/l	100
90) Hexachloroethane	13.889	117	42925	21.935	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	97753	22.779	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6176	23.945	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	55951	21.673	ug/l	98
94) Hexachlorobutadiene	15.035	225	38695	21.908	ug/l	99
95) Naphthalene	15.157	128	93766	22.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	47828	22.052	ug/l	99

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QLast Update : Sat Jan 25 01:12:18 2025
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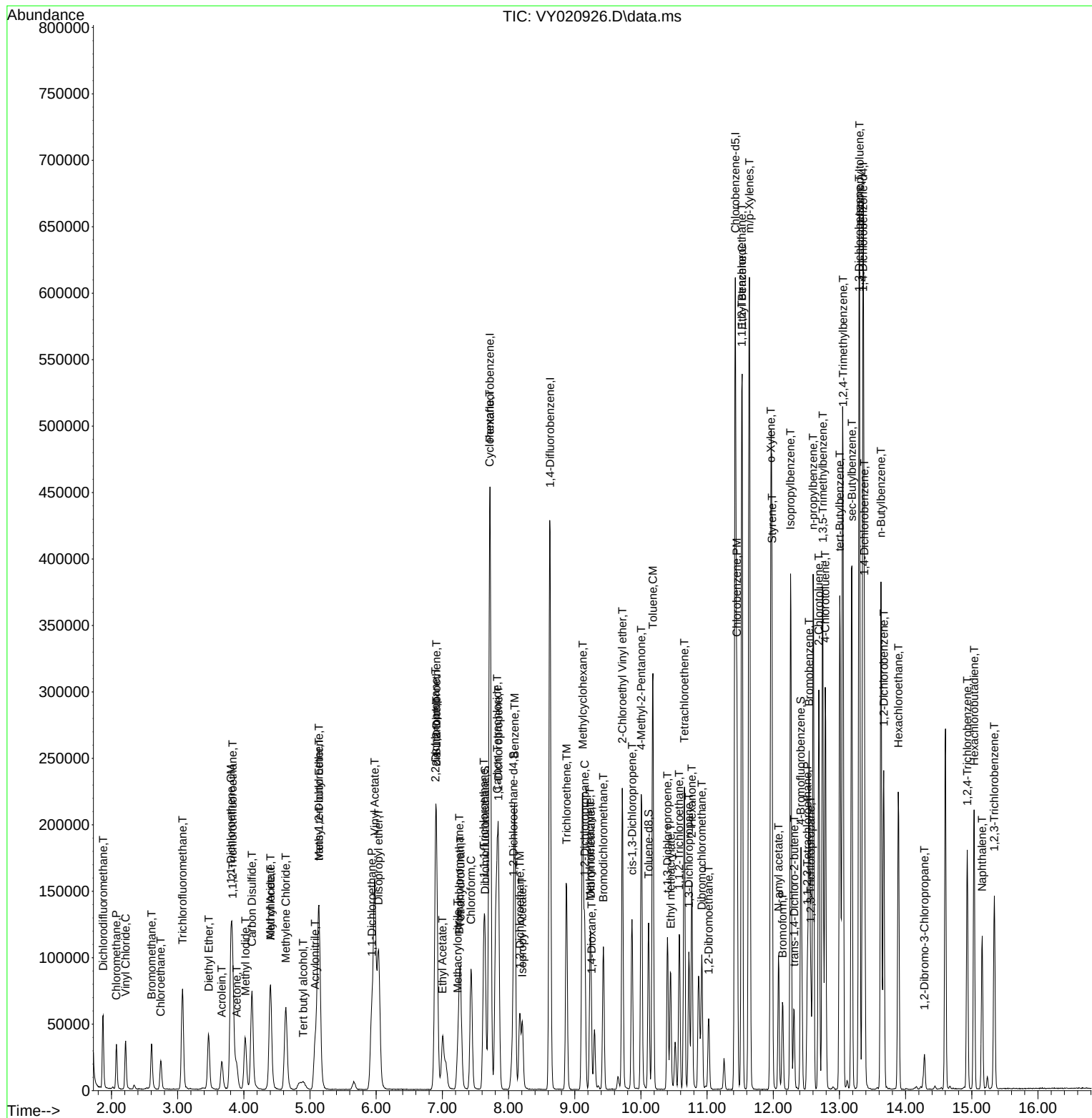
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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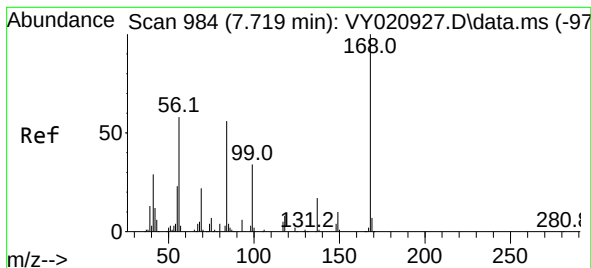
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020926.D

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Instrument :

MSVOA_Y

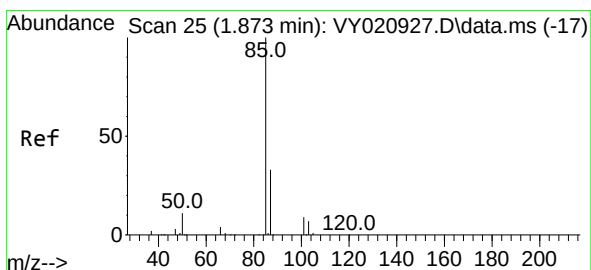
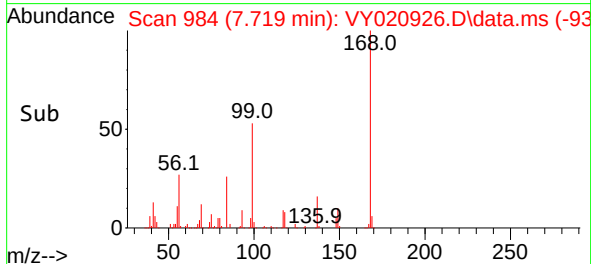
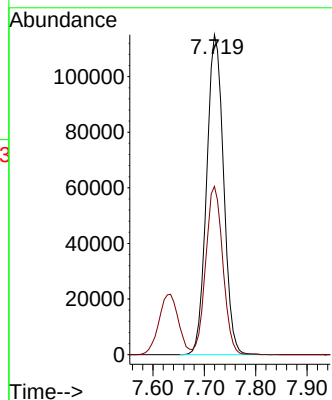
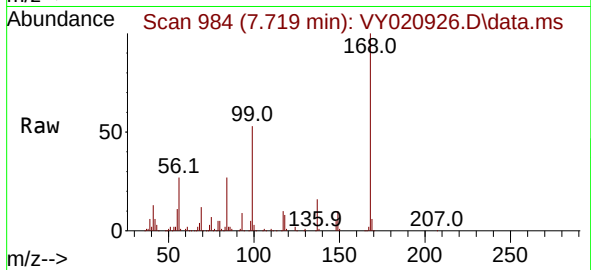
ClientSampleId :

Tgt Ion:168 Resp: 263581

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 23.666 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.000 min

Lab File: VY020926.D

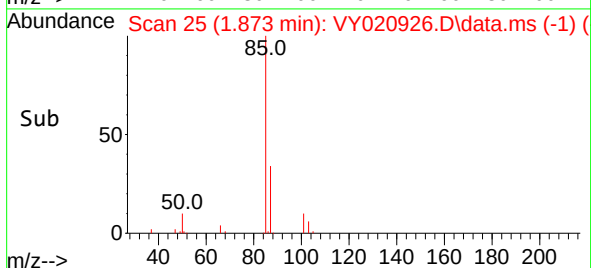
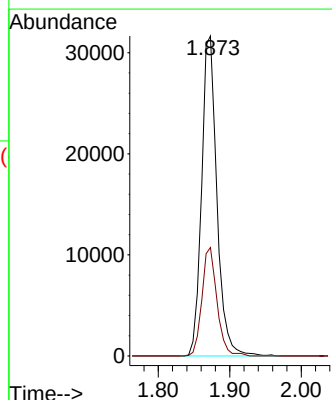
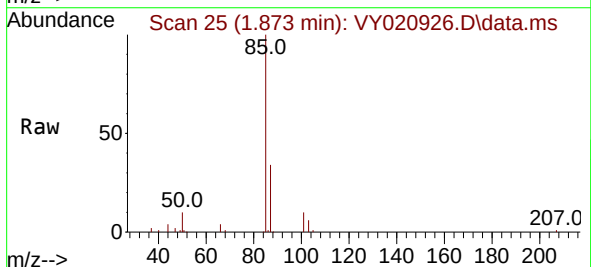
Acq: 24 Jan 2025 13:34

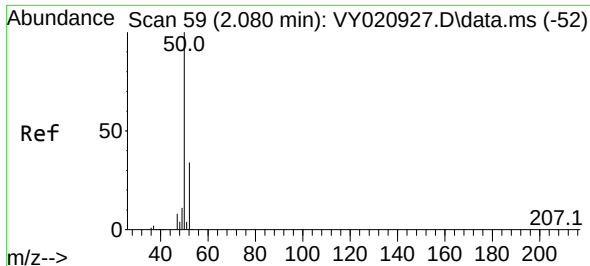
Tgt Ion: 85 Resp: 47181

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8

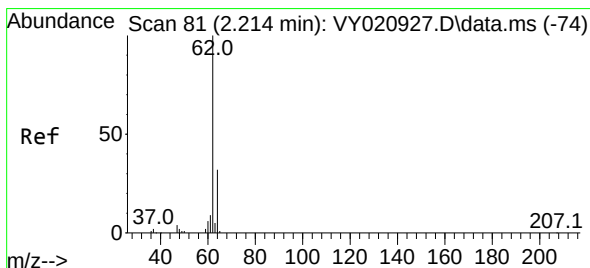
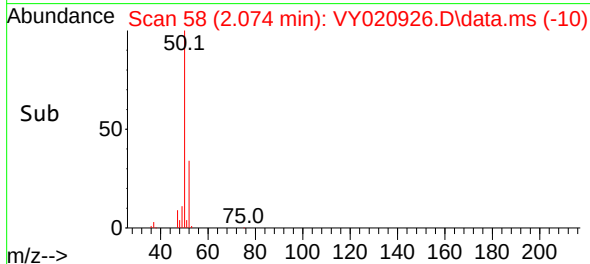
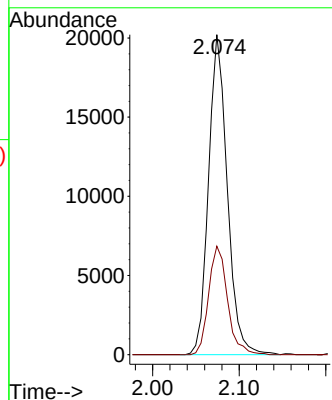
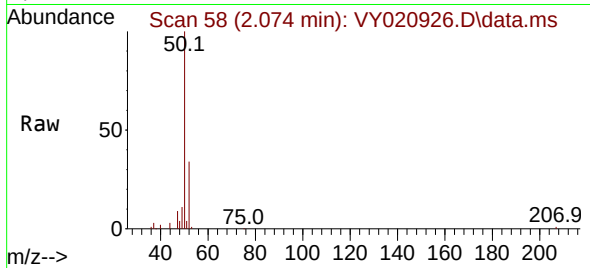




#3
Chloromethane
Concen: 20.513 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

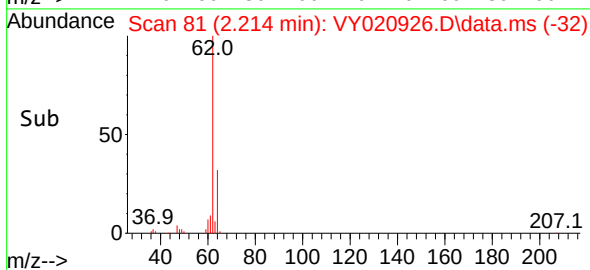
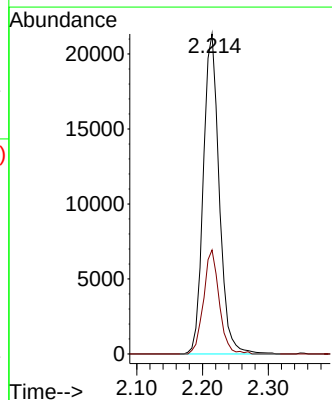
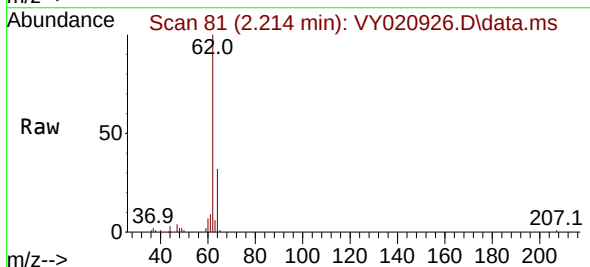
Instrument :
MSVOA_Y
ClientSampleId :

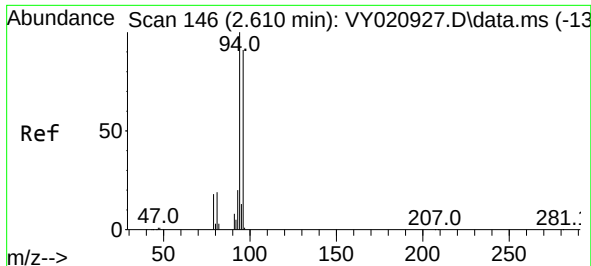
Tgt Ion: 50 Resp: 30416
Ion Ratio Lower Upper
50 100
52 33.9 27.4 41.0



#4
Vinyl Chloride
Concen: 22.206 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 62 Resp: 35886
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

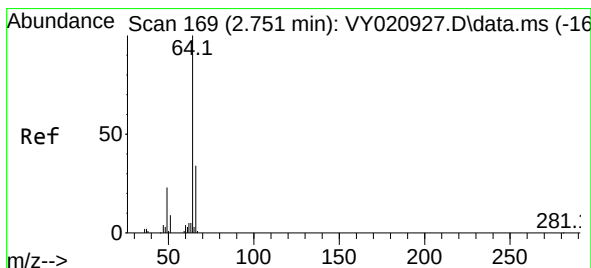
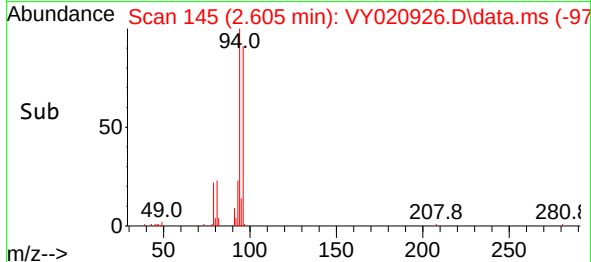
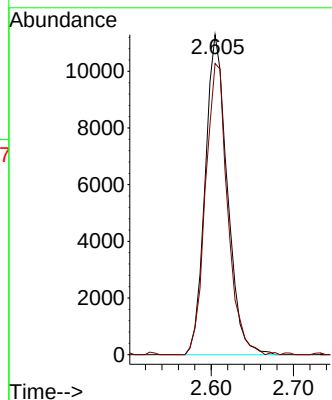
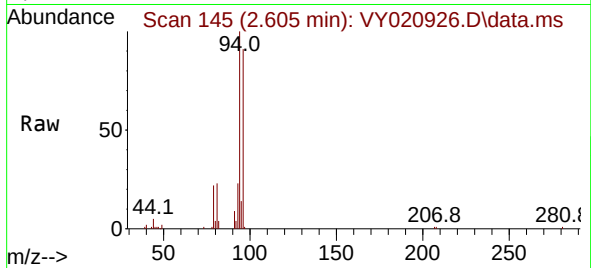




#5
Bromomethane
Concen: 19.268 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

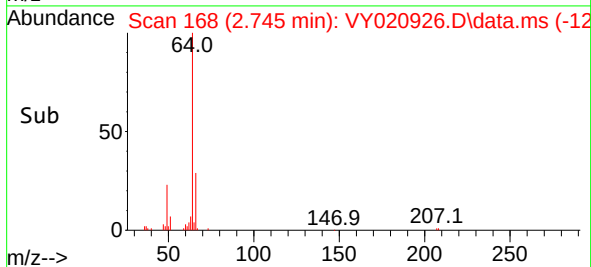
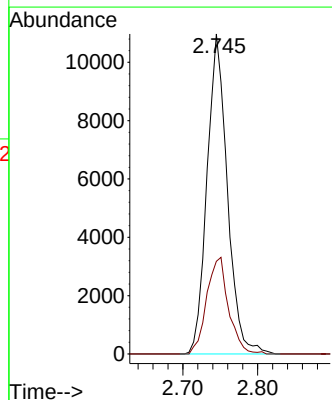
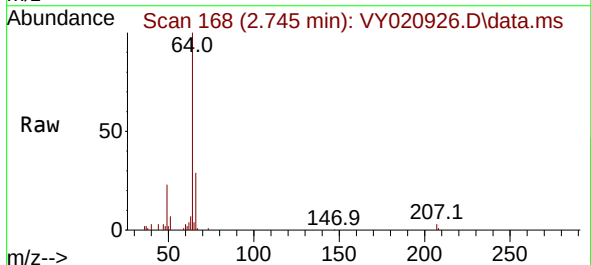
Instrument :
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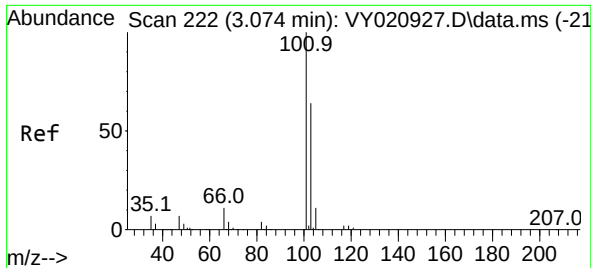
Tgt Ion: 94 Resp: 21090
Ion Ratio Lower Upper
94 100
96 91.0 72.6 109.0



#6
Chloroethane
Concen: 21.874 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020926.D
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Tgt Ion: 64 Resp: 20739
Ion Ratio Lower Upper
64 100
66 29.0 26.9 40.3

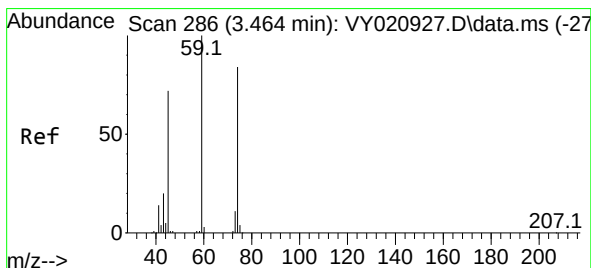
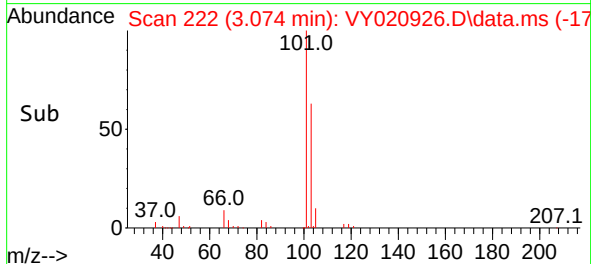
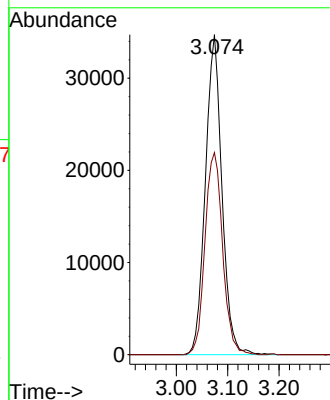
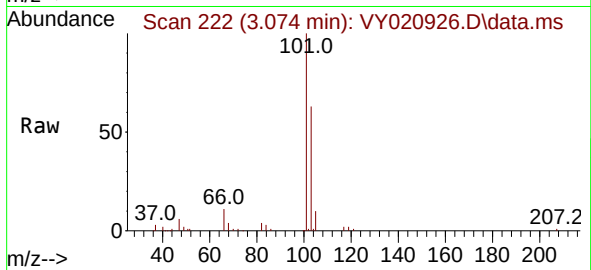




#7
Trichlorofluoromethane
Concen: 22.613 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

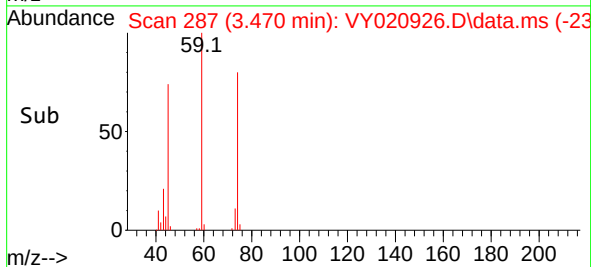
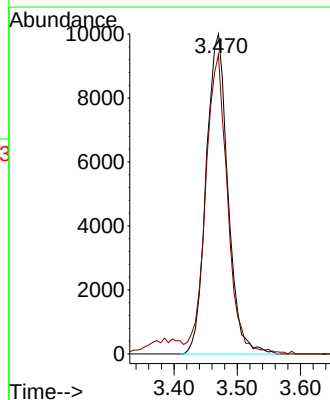
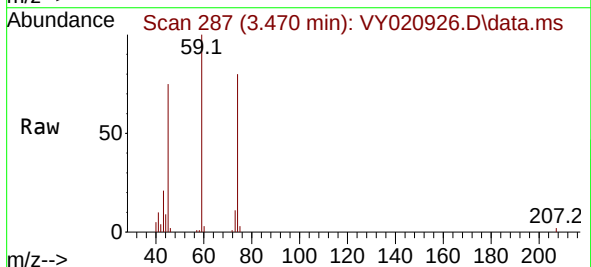
Instrument :
MSVOA_Y
ClientSampleId :

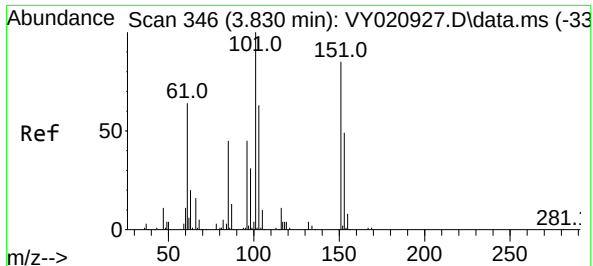
Tgt Ion:101 Resp: 77642
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.4



#8
Diethyl Ether
Concen: 22.609 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020926.D
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Tgt Ion: 74 Resp: 23859
Ion Ratio Lower Upper
74 100
45 94.9 45.1 135.2

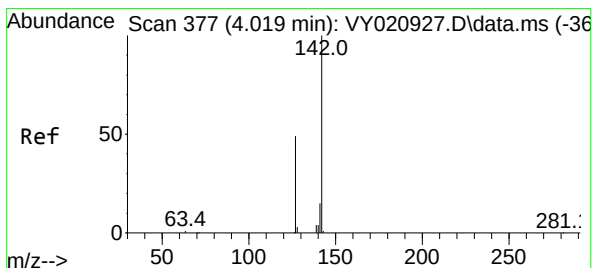
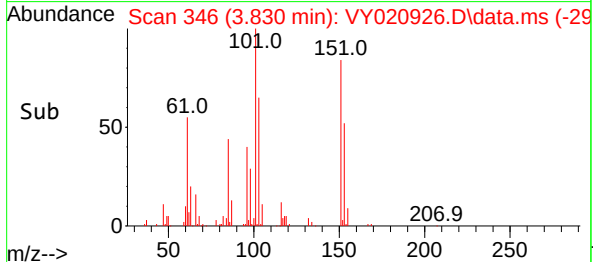
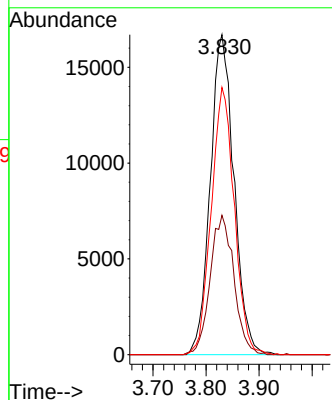
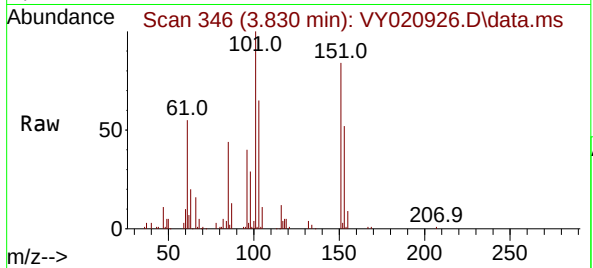




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.873 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

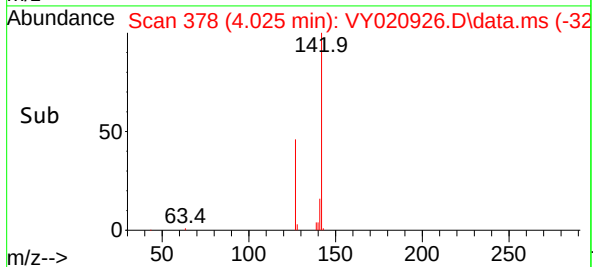
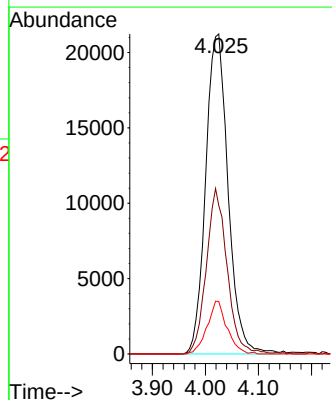
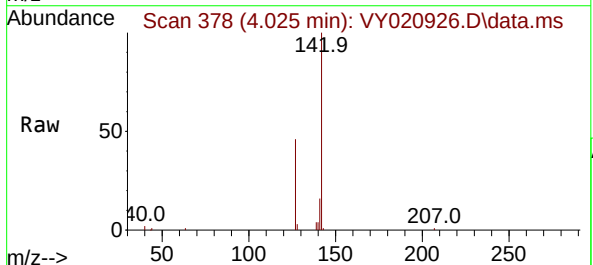
Instrument :
MSVOA_Y
ClientSampleId :

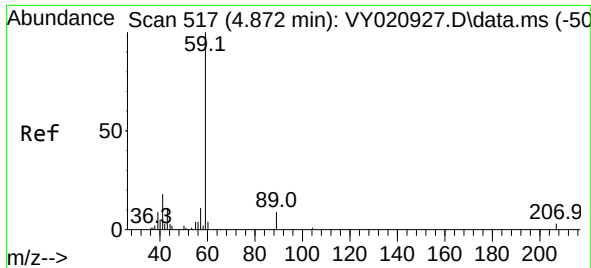
Tgt Ion:101 Resp: 51820
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 81.4 66.3 99.5



#10
Methyl Iodide
Concen: 23.115 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

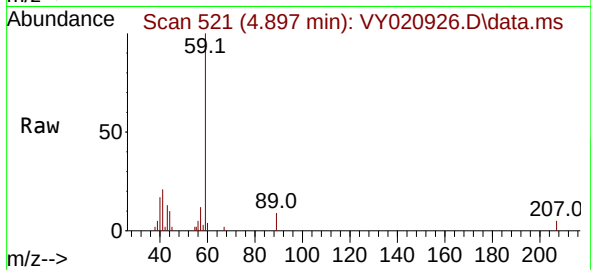
Tgt Ion:142 Resp: 62409
Ion Ratio Lower Upper
142 100
127 47.7 37.3 55.9
141 14.7 11.4 17.2



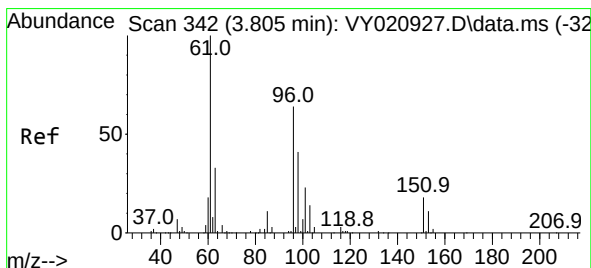
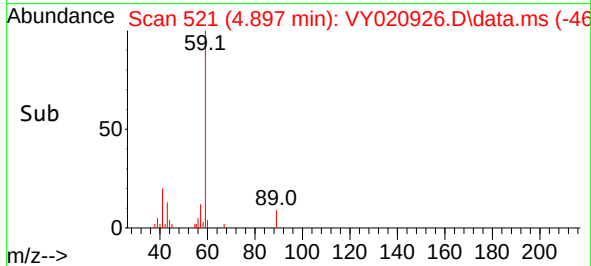
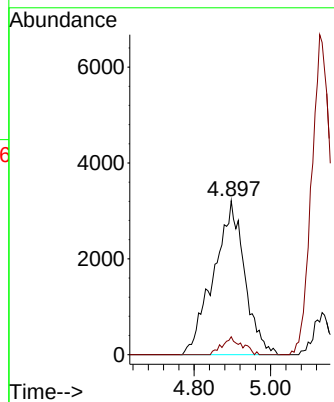


#11
Tert butyl alcohol
Concen: 111.396 ug/l
RT: 4.897 min Scan# 517
Delta R.T. 0.025 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

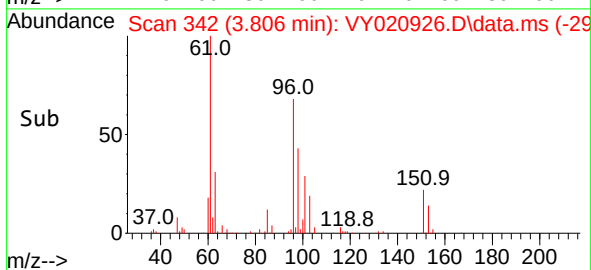
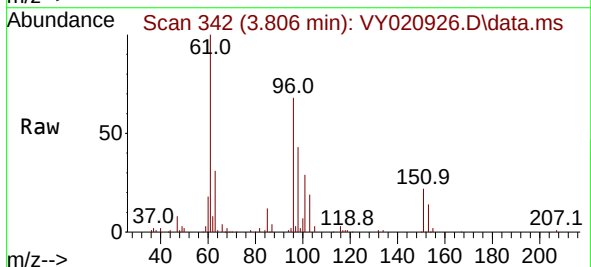
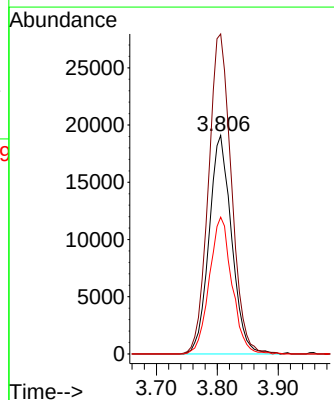


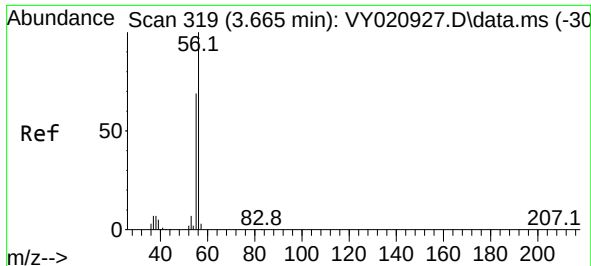
Tgt Ion: 59 Resp: 18072
Ion Ratio Lower Upper
59 100
57 7.2 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 22.969 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

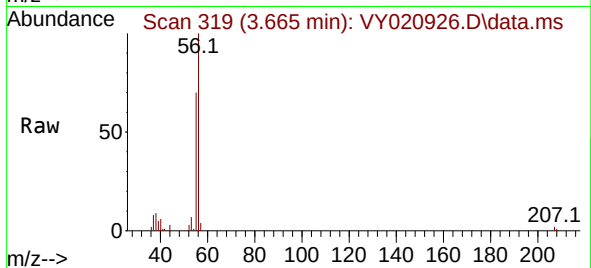
Tgt Ion: 96 Resp: 49143
Ion Ratio Lower Upper
96 100
61 146.4 124.5 186.7
98 62.6 50.5 75.7



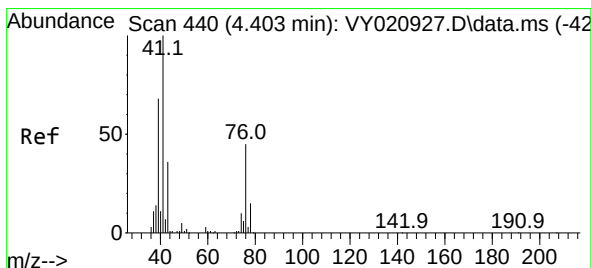
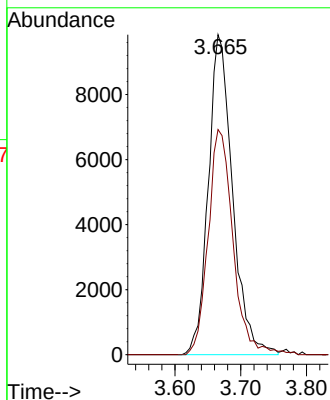
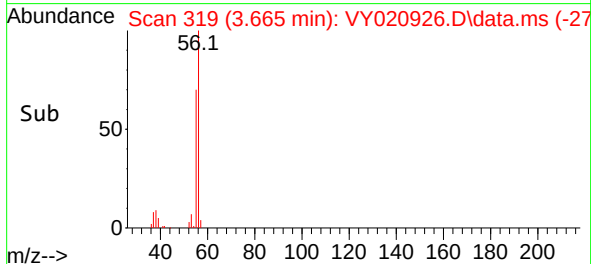


#13
Acrolein
Concen: 114.581 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

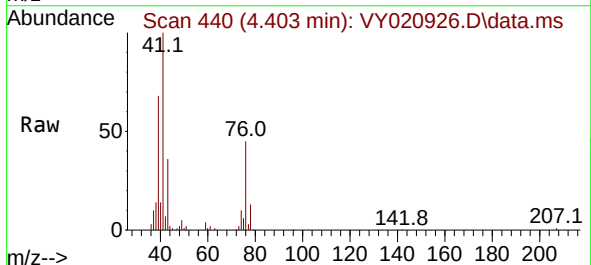
Instrument :
MSVOA_Y
ClientSampleId :



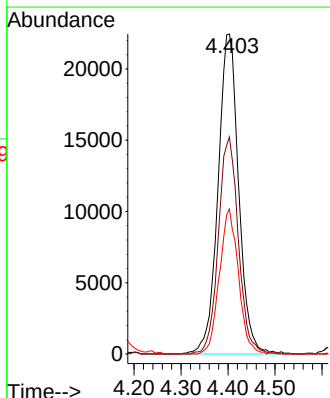
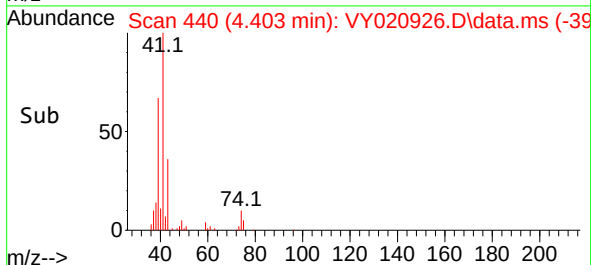
Tgt Ion: 56 Resp: 25200
Ion Ratio Lower Upper
56 100
55 72.2 54.6 81.8

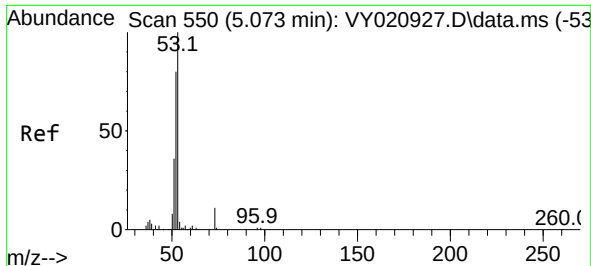


#14
Allyl chloride
Concen: 23.018 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34



Tgt Ion: 41 Resp: 68737
Ion Ratio Lower Upper
41 100
39 65.5 53.8 80.6
76 41.6 34.2 51.4

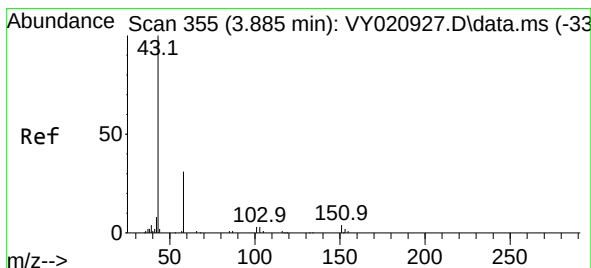
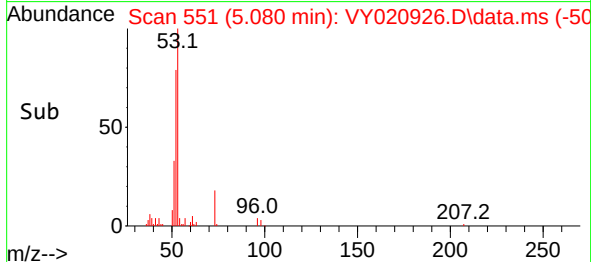
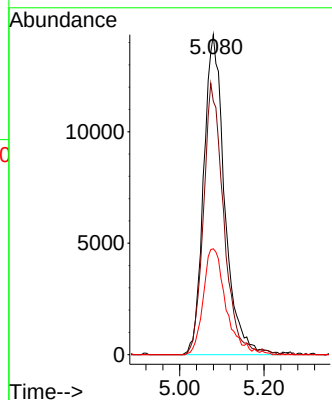
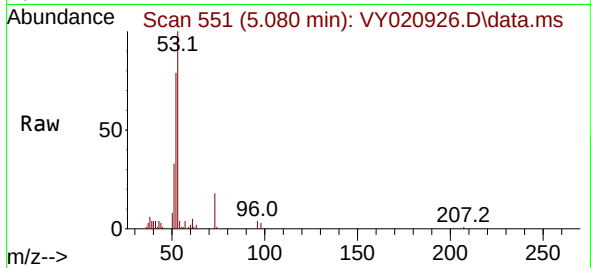




#15
Acrylonitrile
Concen: 119.906 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

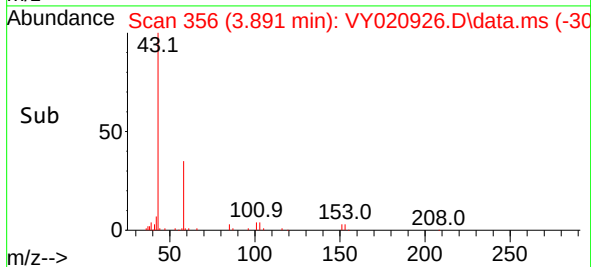
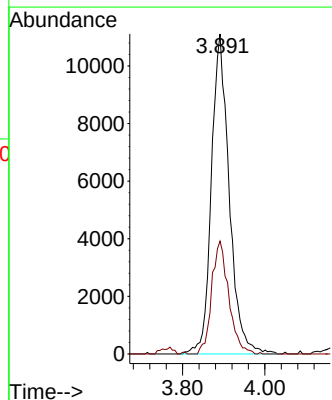
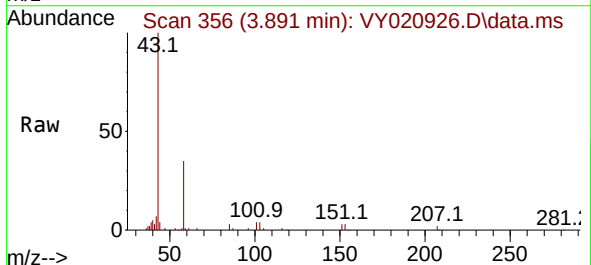
Instrument :
MSVOA_Y
ClientSampleId :

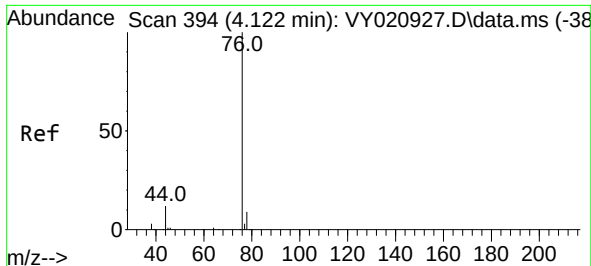
Tgt Ion: 53 Resp: 49739
Ion Ratio Lower Upper
53 100
52 80.8 64.5 96.7
51 35.9 28.9 43.3



#16
Acetone
Concen: 117.418 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 43 Resp: 33433
Ion Ratio Lower Upper
43 100
58 35.2 25.6 38.4

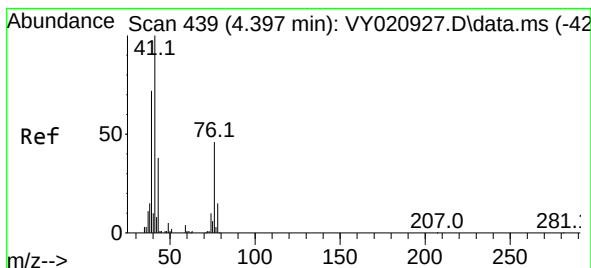
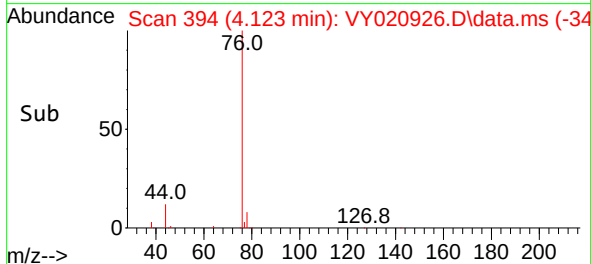
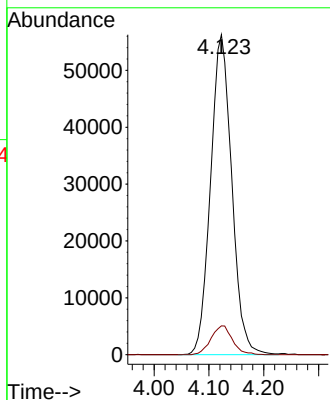
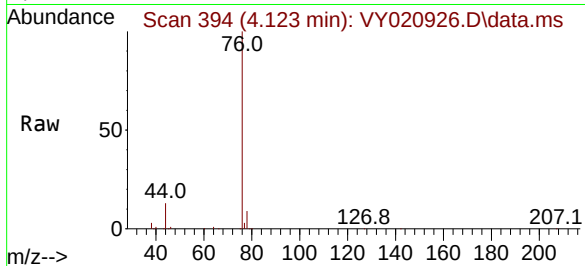




#17
Carbon Disulfide
Concen: 22.878 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

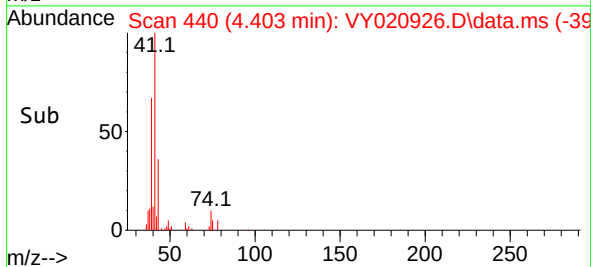
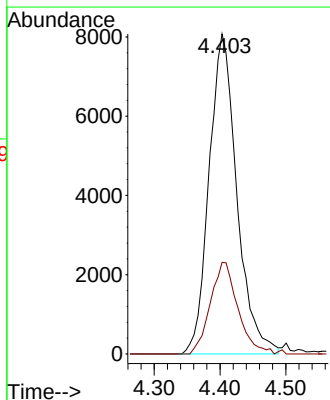
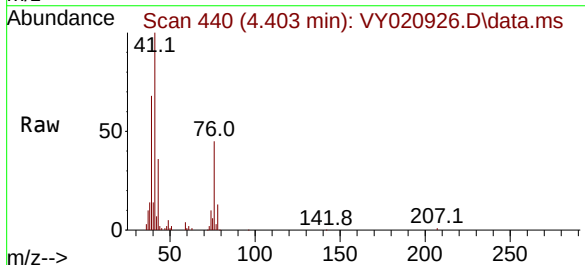
Instrument :
MSVOA_Y
ClientSampleId :

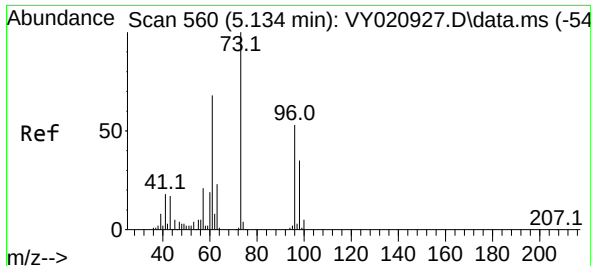
Tgt Ion: 76 Resp: 151165
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 23.068 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

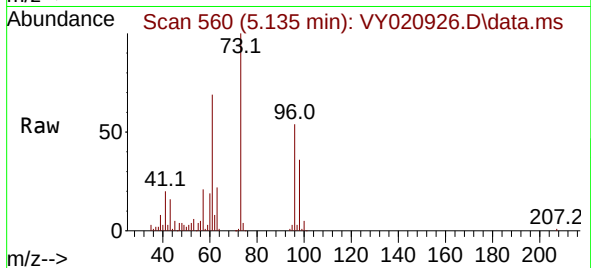
Tgt Ion: 43 Resp: 23728
Ion Ratio Lower Upper
43 100
74 28.3 21.0 31.6



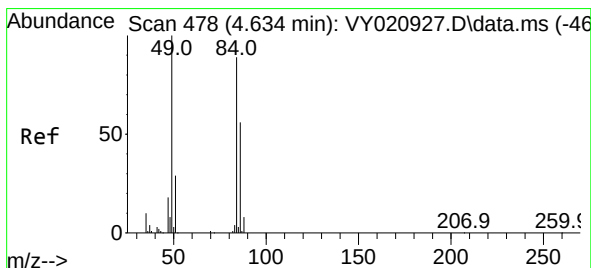
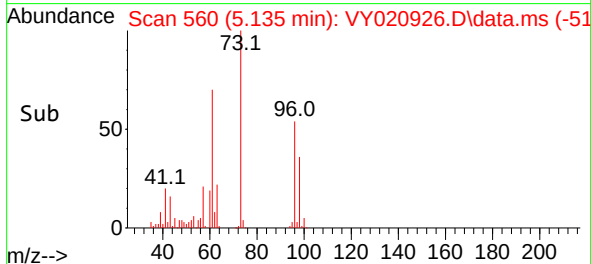
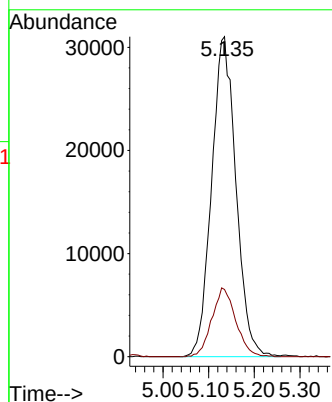


#19
Methyl tert-butyl Ether
Concen: 23.167 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

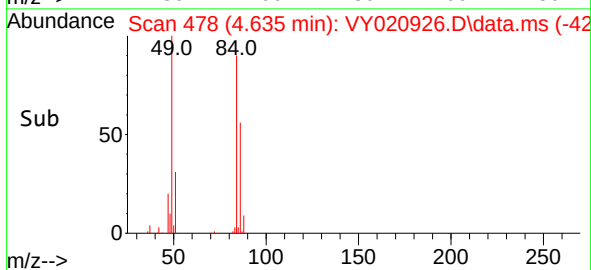
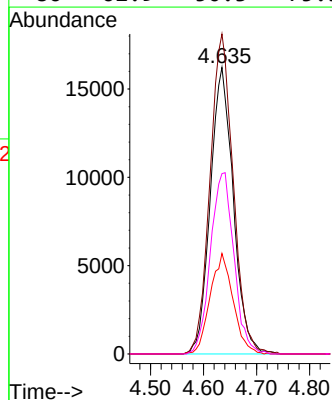
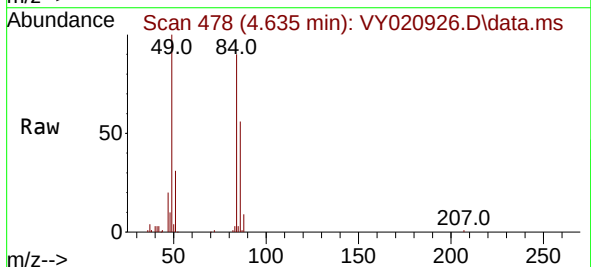


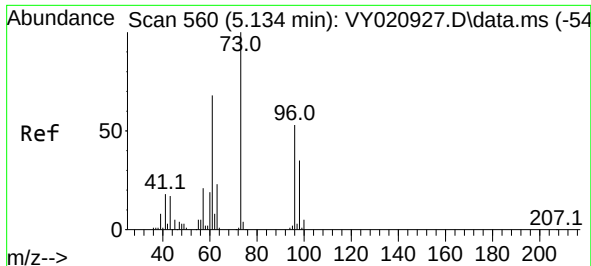
Tgt Ion: 73 Resp: 114806
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6



#20
Methylene Chloride
Concen: 23.096 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

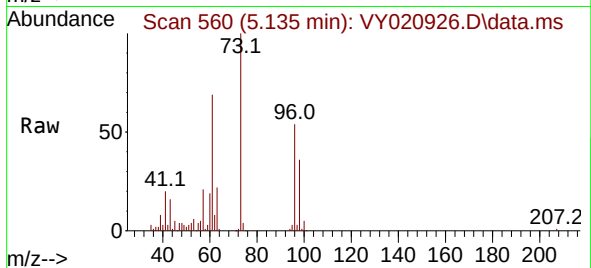
Tgt Ion: 84 Resp: 48909
Ion Ratio Lower Upper
84 100
49 111.7 90.3 135.5
51 35.1 26.6 39.8
86 62.9 50.3 75.5



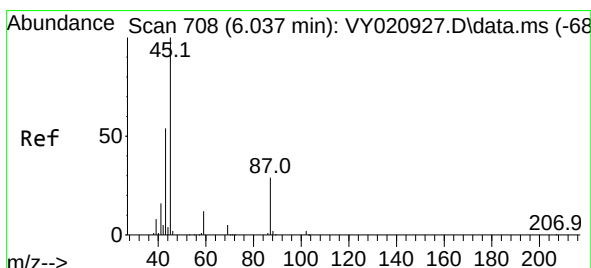
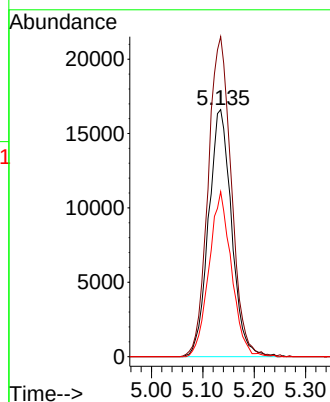
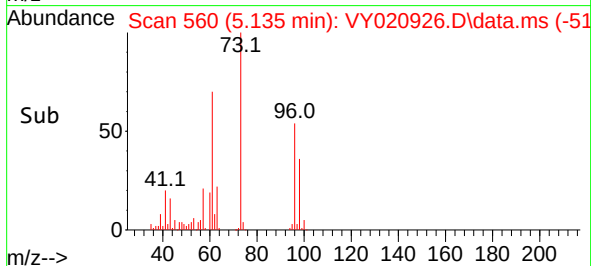


#21
trans-1,2-Dichloroethene
Concen: 22.332 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

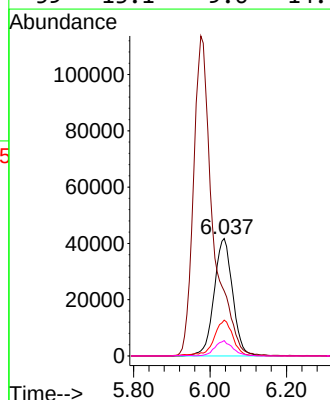
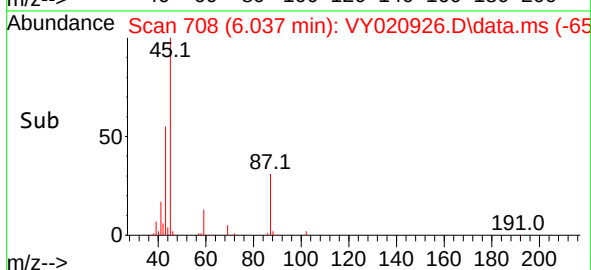
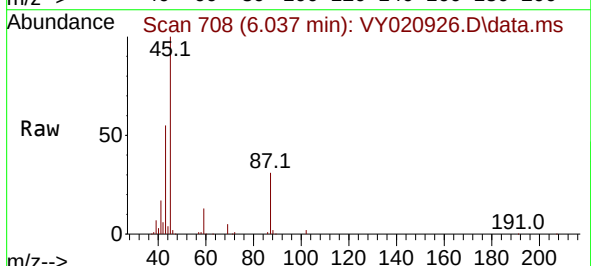


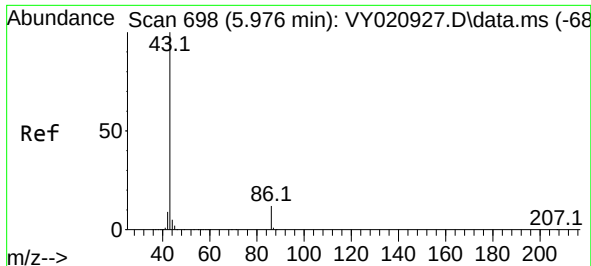
Tgt Ion: 96 Resp: 51517
Ion Ratio Lower Upper
96 100
61 129.5 102.4 153.6
98 66.8 52.0 78.0



#22
Diisopropyl ether
Concen: 23.403 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 45 Resp: 140577
Ion Ratio Lower Upper
45 100
43 54.9 43.2 64.8
87 30.6 23.4 35.0
59 13.1 9.6 14.4

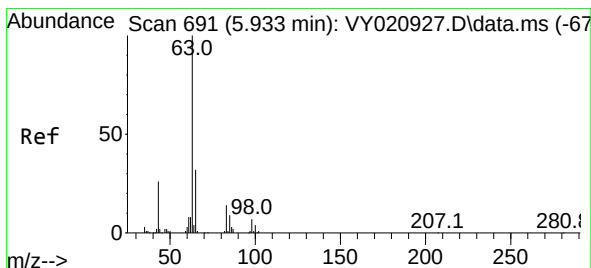
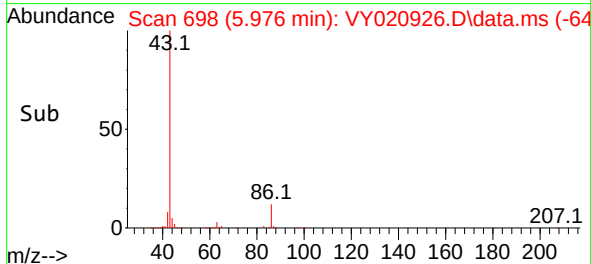
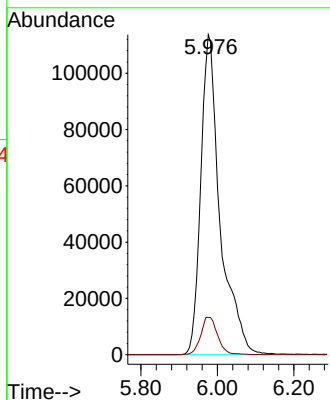
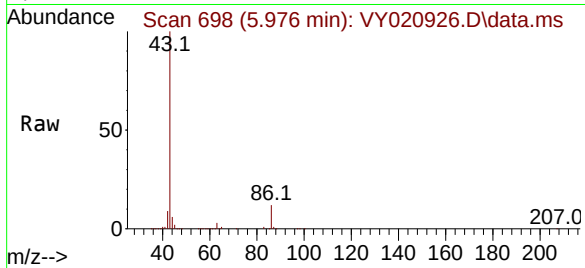




#23
 Vinyl Acetate
 Concen: 119.941 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

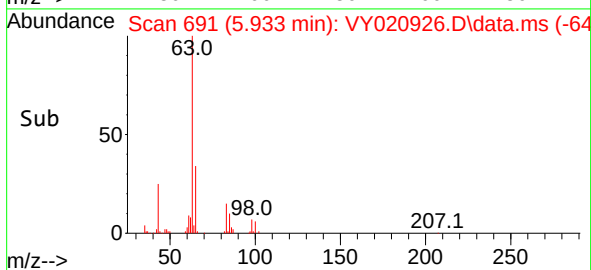
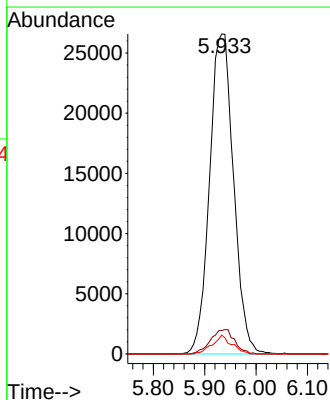
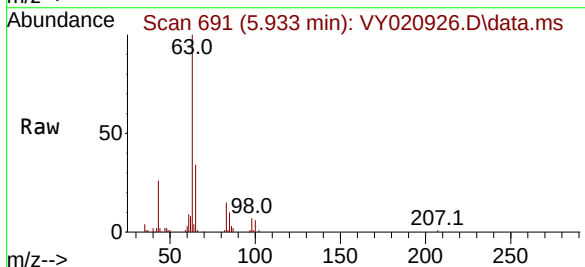
Instrument :
 MSVOA_Y
 ClientSampleId :

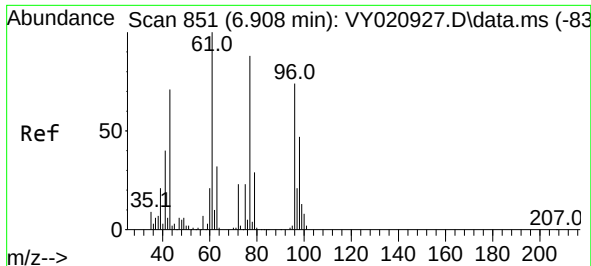
Tgt Ion: 43 Resp: 398732
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 22.625 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

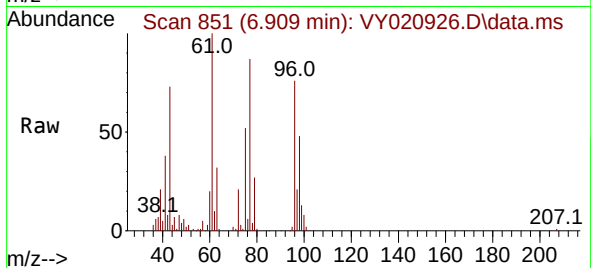
Tgt Ion: 63 Resp: 86147
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 5.9 2.3 6.8



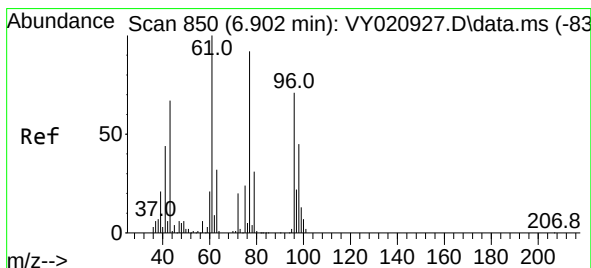
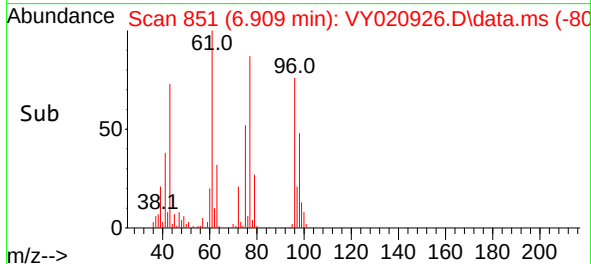
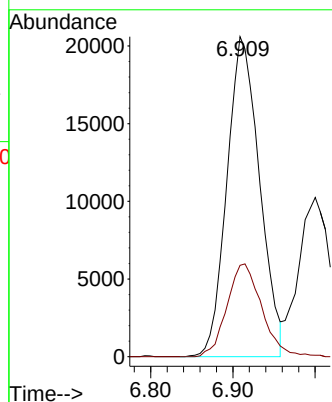


#25
2-Butanone
Concen: 117.882 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

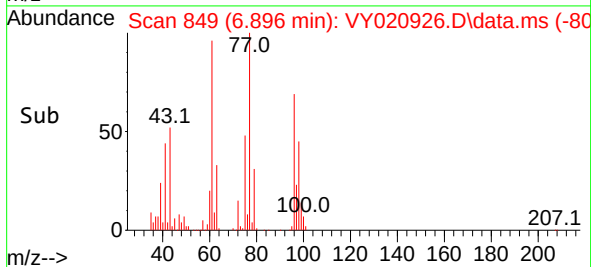
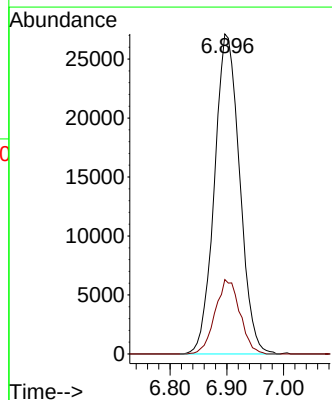
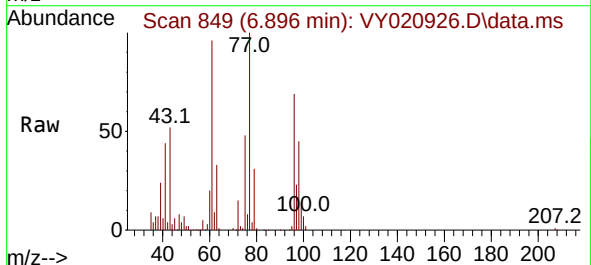


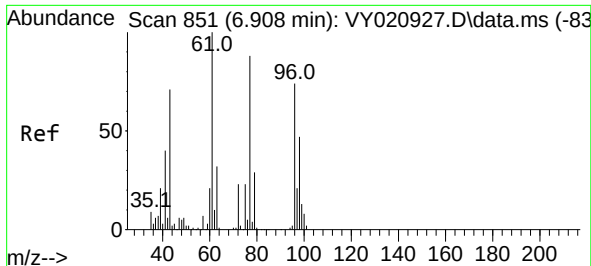
Tgt Ion: 43 Resp: 56857
Ion Ratio Lower Upper
43 100
72 28.5 25.8 38.8



#26
2,2-Dichloropropane
Concen: 22.323 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 77 Resp: 83721
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 22.725 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

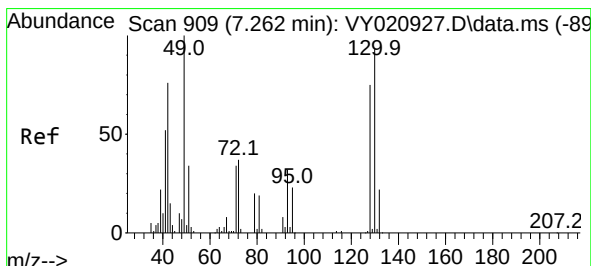
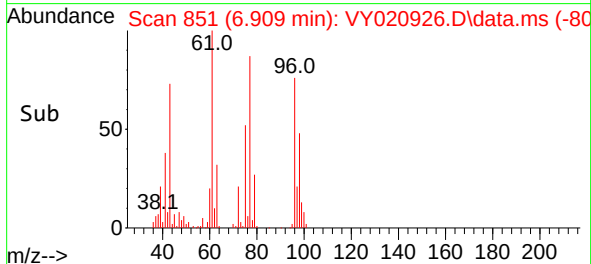
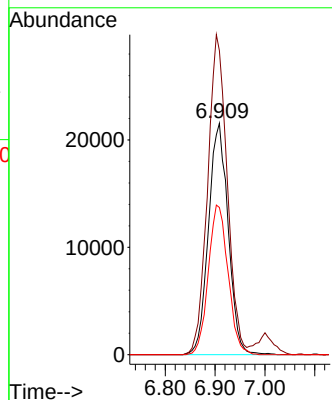
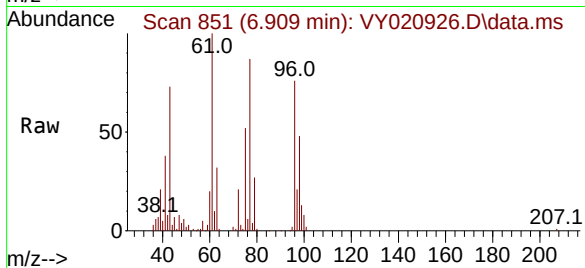
Tgt Ion: 96 Resp: 59162

Ion Ratio Lower Upper

96 100

61 137.1 0.0 275.2

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 20.306 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

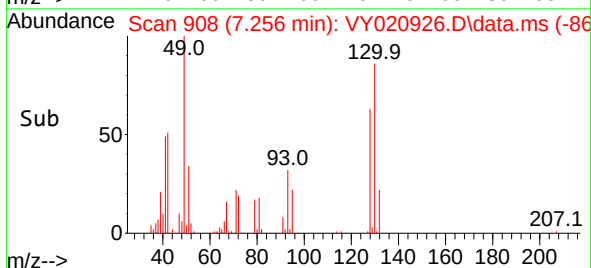
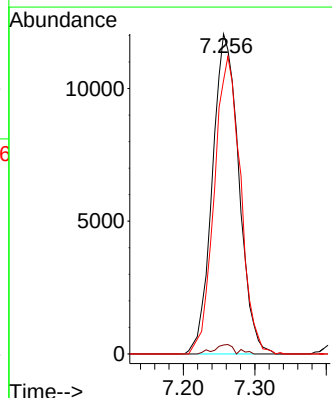
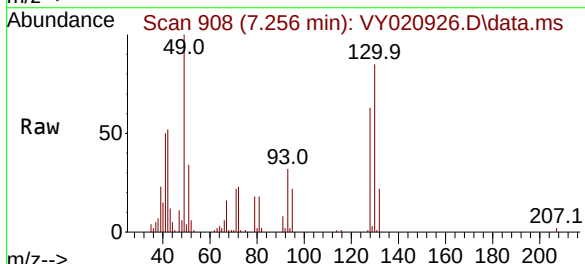
Tgt Ion: 49 Resp: 31118

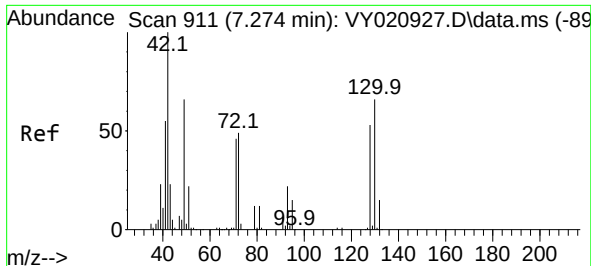
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

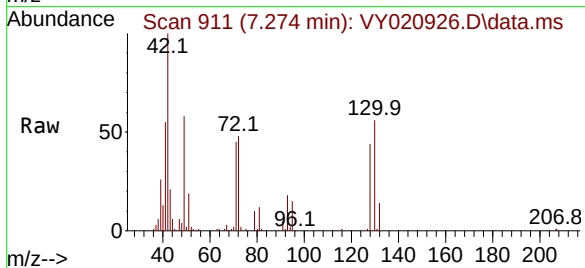
130 91.8 72.6 109.0



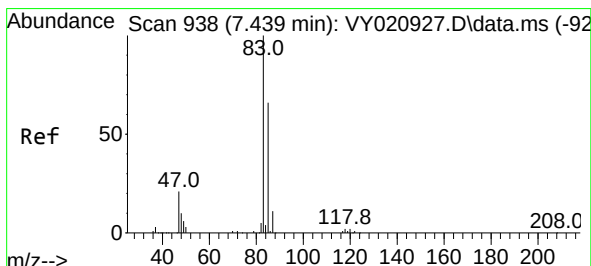
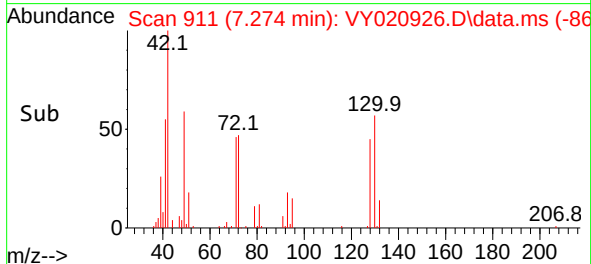
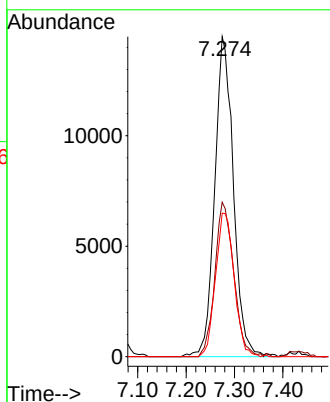


#29
Tetrahydrofuran
Concen: 121.027 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

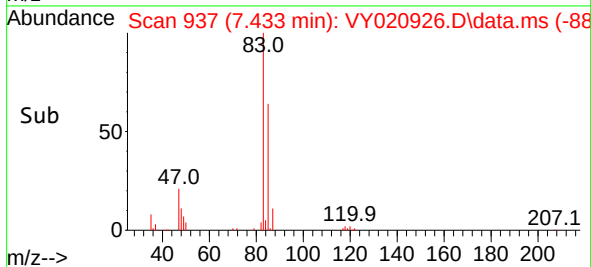
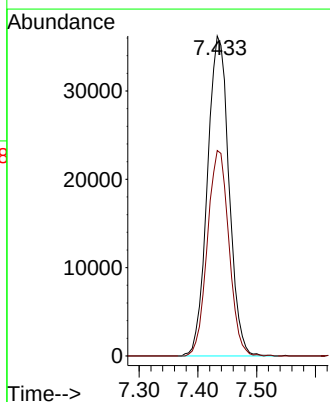
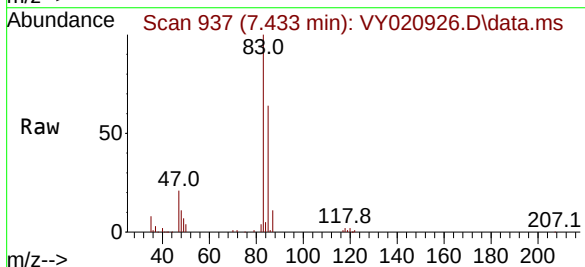


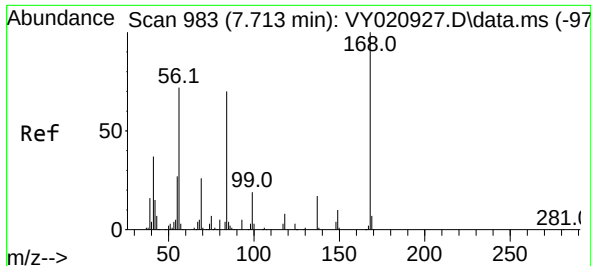
Tgt Ion: 42 Resp: 38904
Ion Ratio Lower Upper
42 100
72 48.6 38.8 58.2
71 44.8 36.4 54.6



#30
Chloroform
Concen: 22.927 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

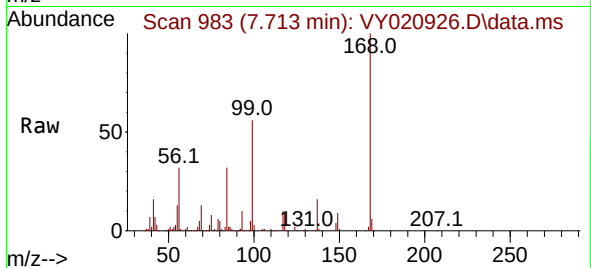
Tgt Ion: 83 Resp: 92394
Ion Ratio Lower Upper
83 100
85 64.2 53.0 79.4



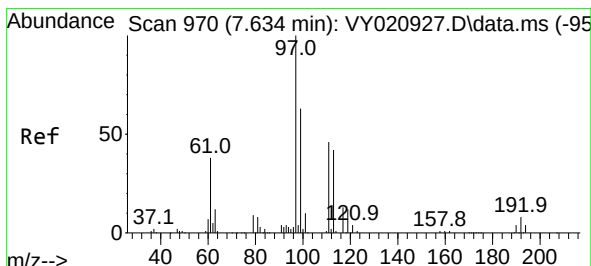
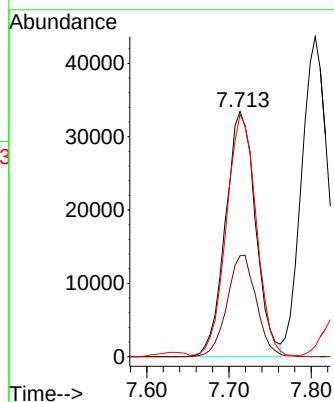
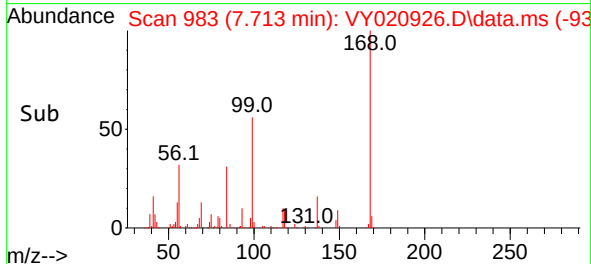


#31
Cyclohexane
Concen: 22.786 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

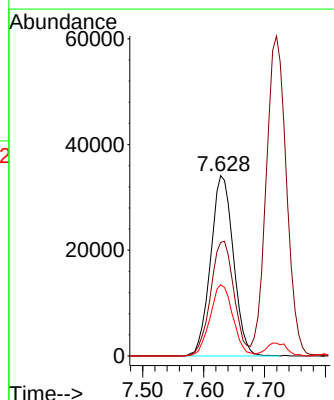
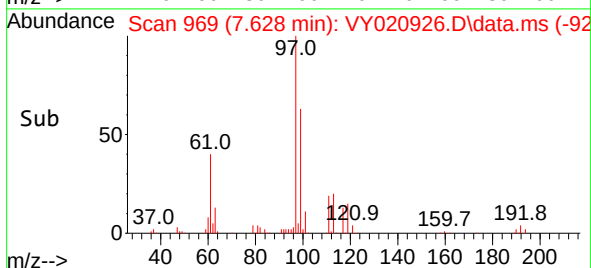
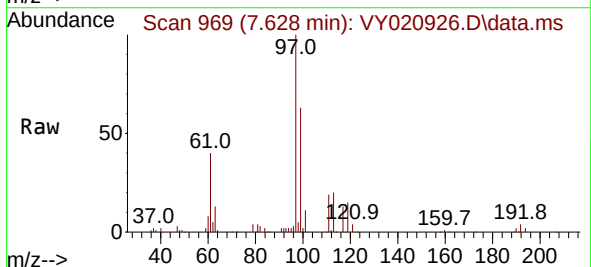


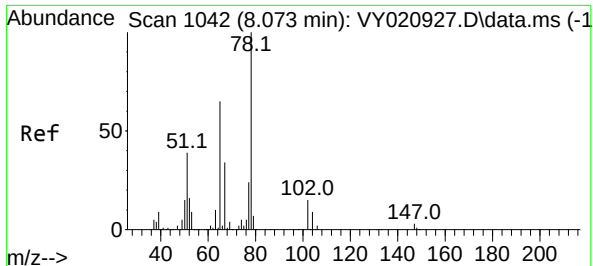
Tgt Ion: 56 Resp: 85273
Ion Ratio Lower Upper
56 100
69 41.1 28.7 43.1
84 97.2 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 22.693 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 97 Resp: 88706
Ion Ratio Lower Upper
97 100
99 65.5 51.7 77.5
61 39.5 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 12.322 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

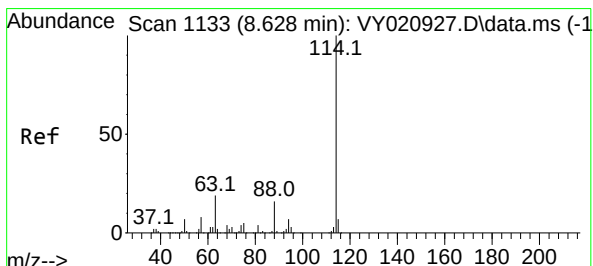
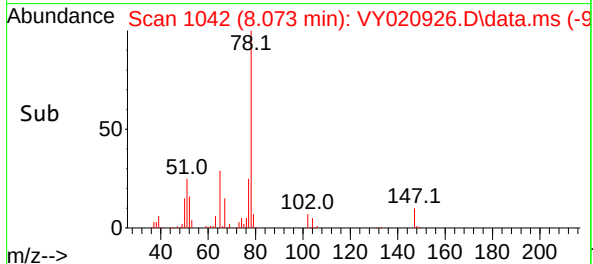
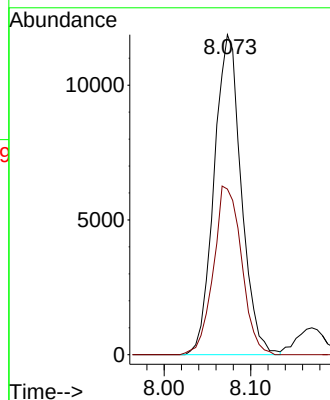
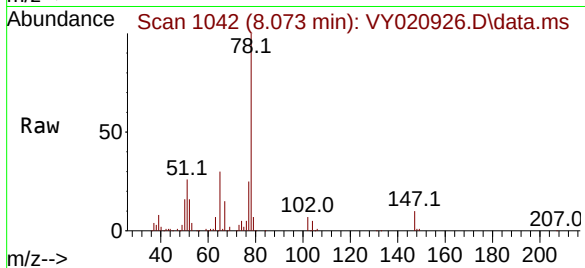
ClientSampleId :

Tgt Ion: 65 Resp: 25895

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

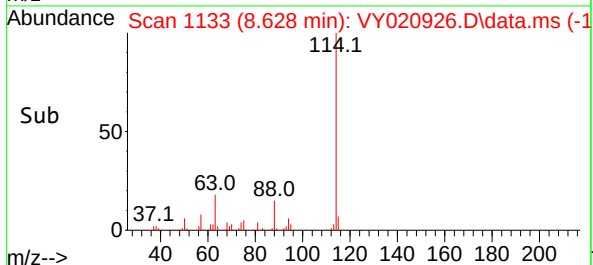
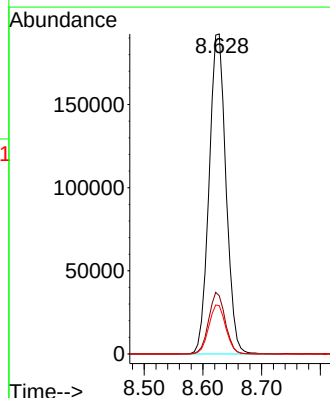
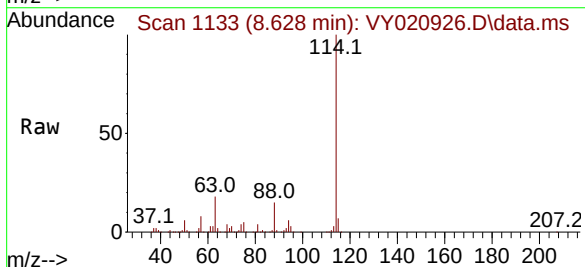
Tgt Ion: 114 Resp: 384193

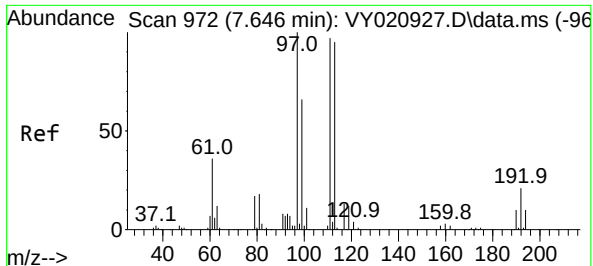
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.1 0.0 31.6

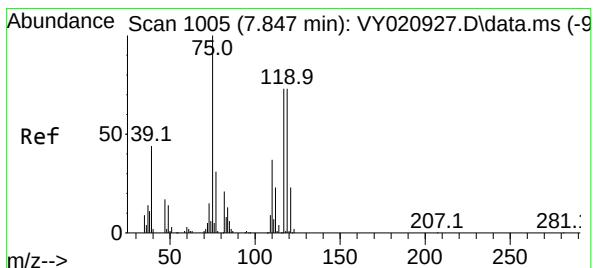
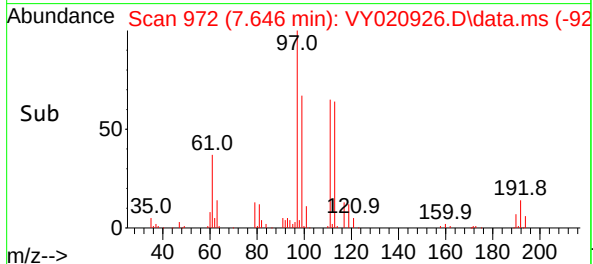
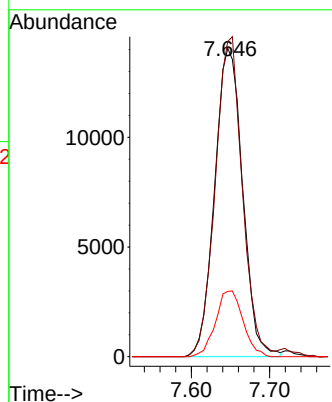
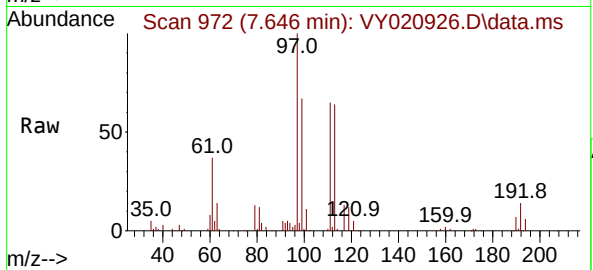




#35
Dibromofluoromethane
Concen: 15.810 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

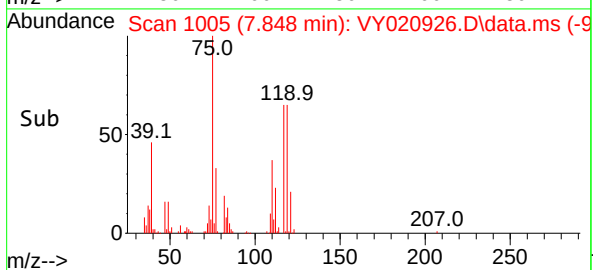
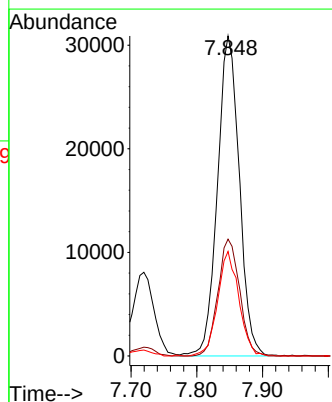
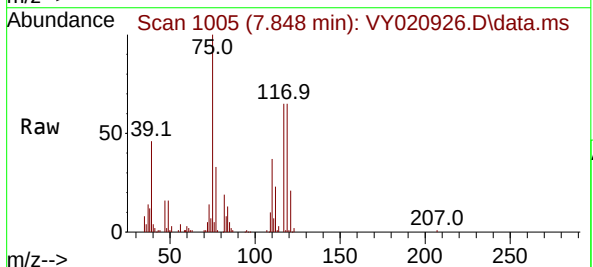
Instrument :
MSVOA_Y
ClientSampleId :

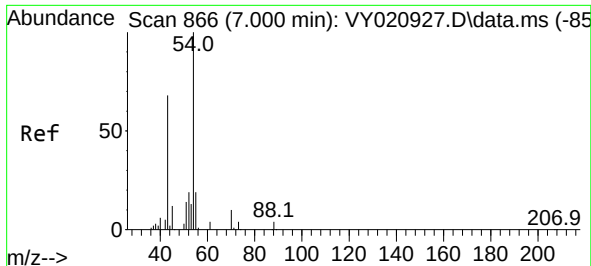
Tgt Ion:113 Resp: 34870
Ion Ratio Lower Upper
113 100
111 100.1 82.3 123.5
192 21.0 17.4 26.2



#36
1,1-Dichloropropene
Concen: 23.232 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

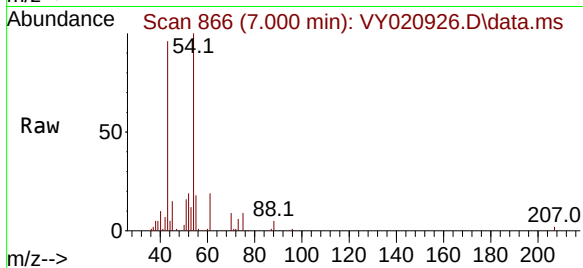
Tgt Ion: 75 Resp: 71541
Ion Ratio Lower Upper
75 100
110 36.3 18.5 55.5
77 31.7 25.0 37.4



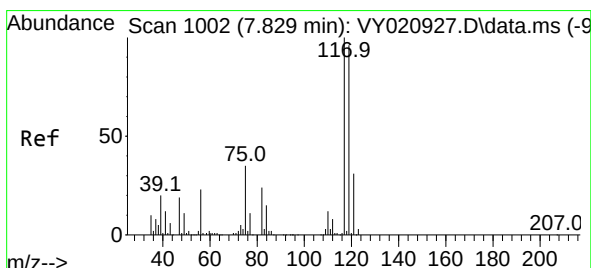
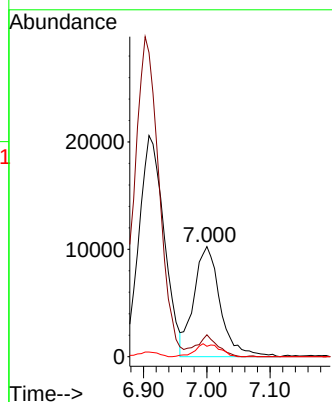
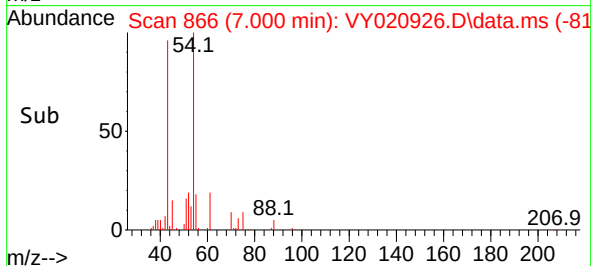


#37
Ethyl Acetate
Concen: 24.950 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

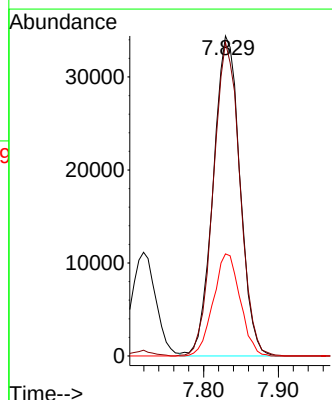
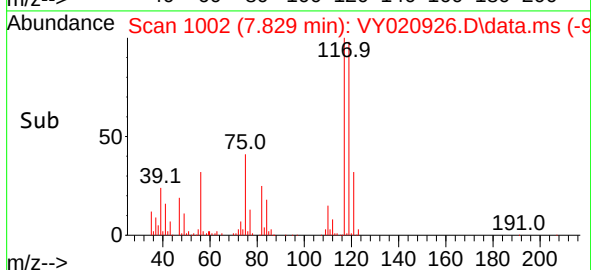
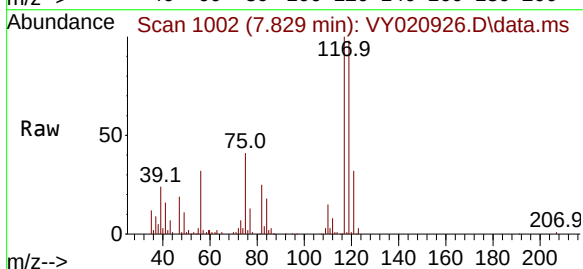


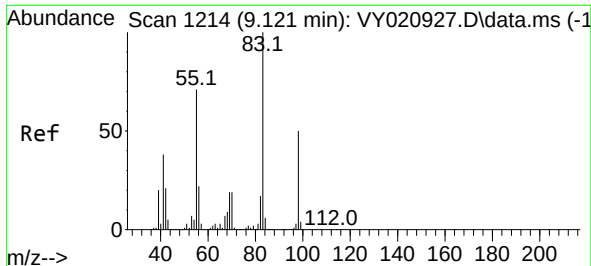
Tgt Ion: 43 Resp: 29809
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 10.7 9.5 14.3



#38
Carbon Tetrachloride
Concen: 22.969 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 117 Resp: 85298
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7
121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 22.937 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

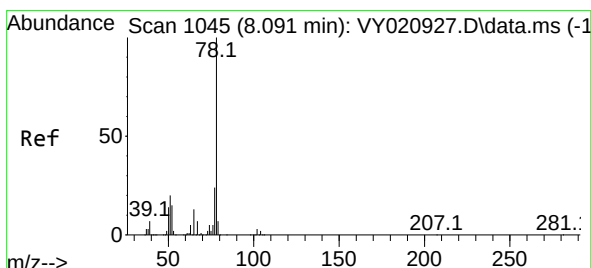
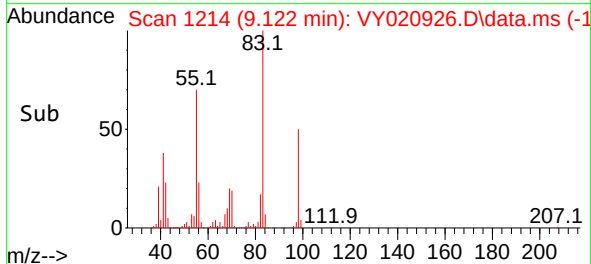
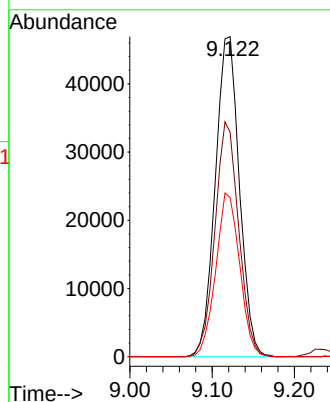
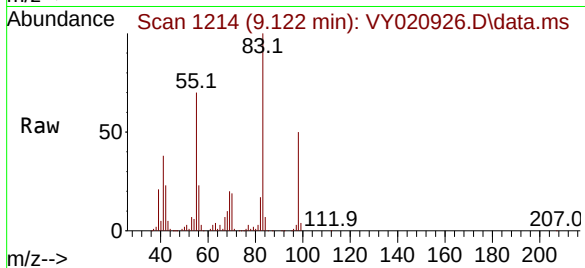
Tgt Ion: 83 Resp: 95624

Ion Ratio Lower Upper

83 100

55 70.1 57.0 85.4

98 49.8 40.1 60.1



#40

Benzene

Concen: 22.937 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020926.D

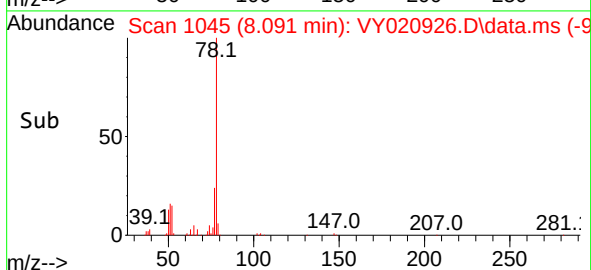
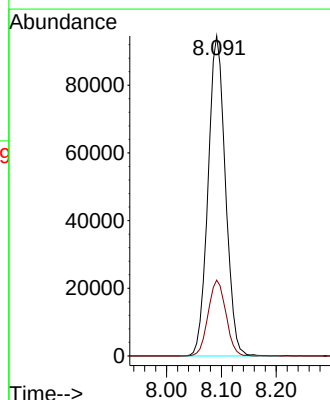
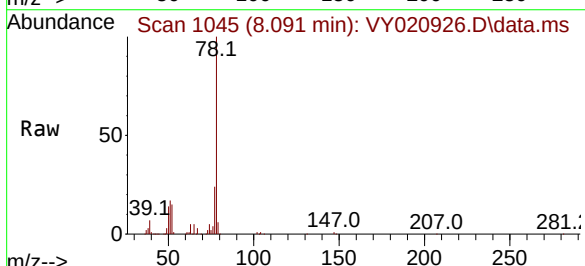
Acq: 24 Jan 2025 13:34

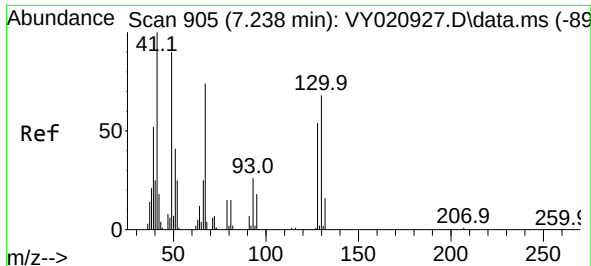
Tgt Ion: 78 Resp: 207213

Ion Ratio Lower Upper

78 100

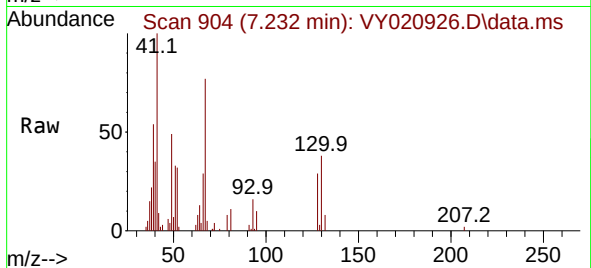
77 23.7 19.0 28.6



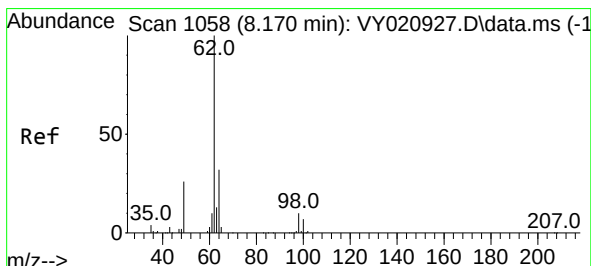
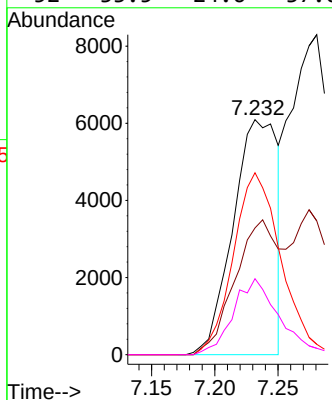
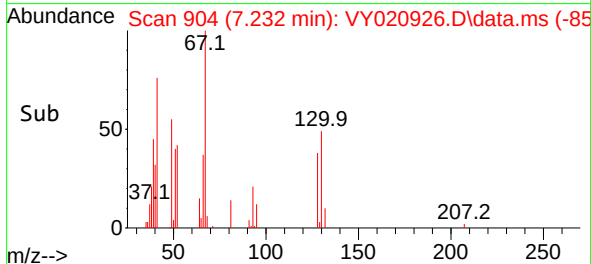


#41
Methacrylonitrile
Concen: 23.662 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Instrument :
MSVOA_Y
ClientSampleId :

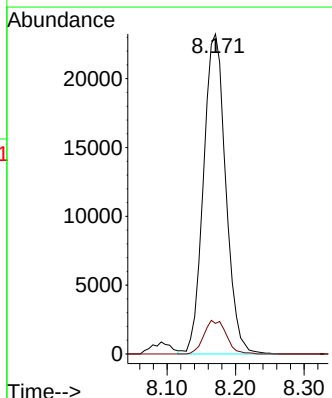
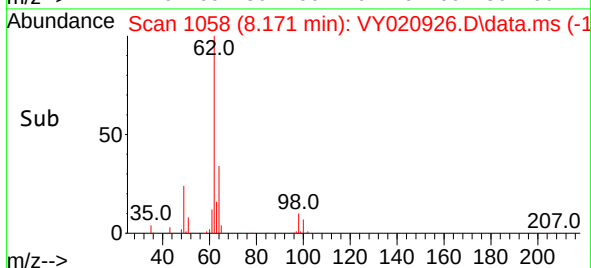
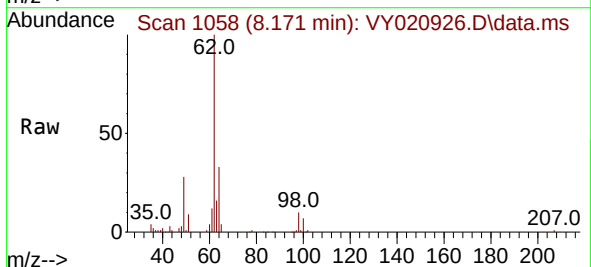


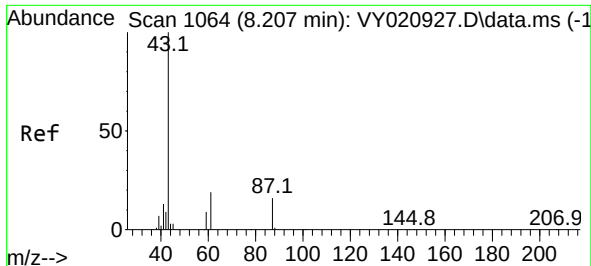
Tgt Ion:	41	Resp:	14934
Ion Ratio	Lower	Upper	
41	100		
39	60.2	46.4	69.6
67	83.4	66.7	100.1
52	33.5	24.6	37.0



#42
1,2-Dichloroethane
Concen: 23.333 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

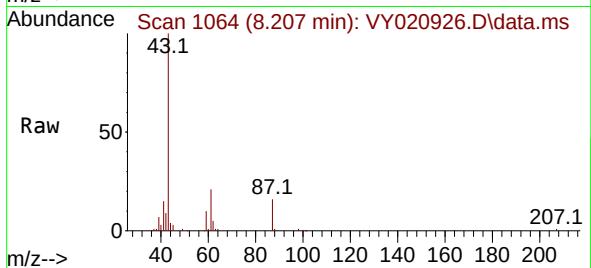
Tgt Ion:	62	Resp:	52451
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	19.8



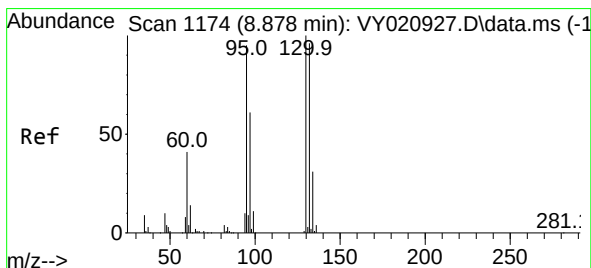
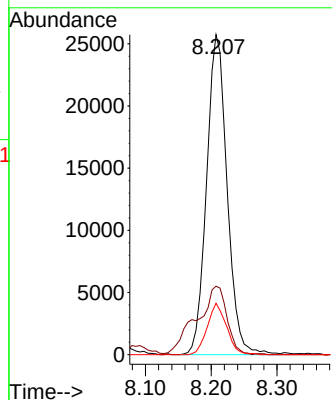
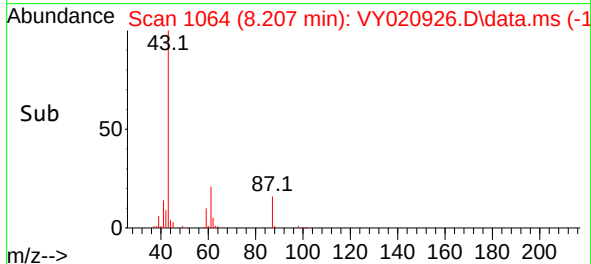


#43
Isopropyl Acetate
Concen: 24.729 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

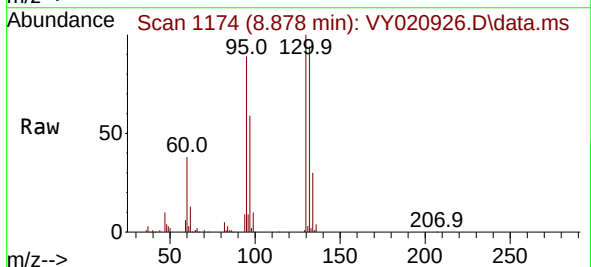
Instrument :
MSVOA_Y
ClientSampleId :



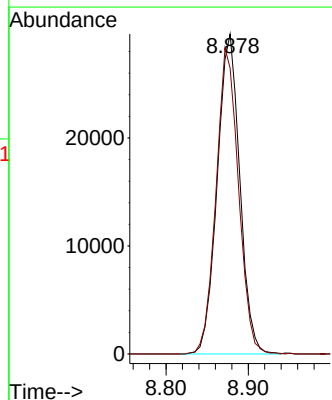
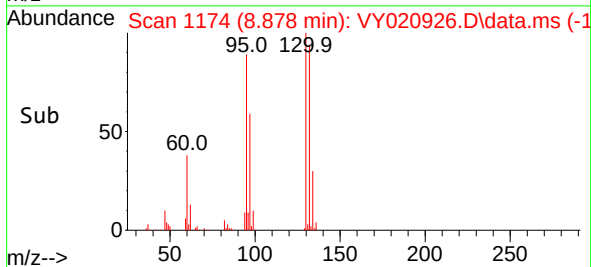
Tgt Ion: 43 Resp: 56025
Ion Ratio Lower Upper
43 100
61 31.5 26.0 39.0
87 15.1 12.4 18.6

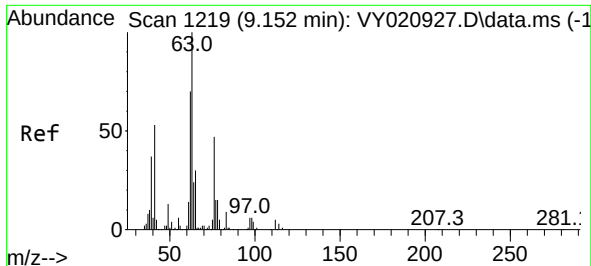


#44
Trichloroethene
Concen: 22.974 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34



Tgt Ion:130 Resp: 56386
Ion Ratio Lower Upper
130 100
95 89.3 0.0 189.4





#45

1,2-Dichloropropane

Concen: 23.317 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

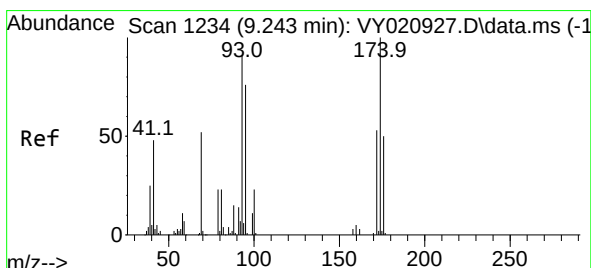
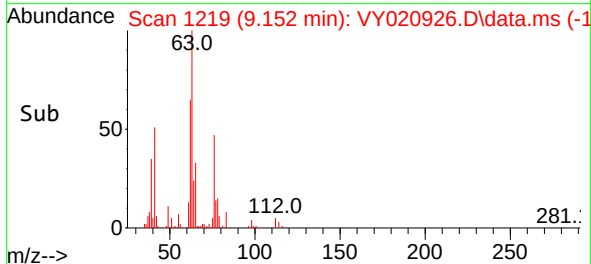
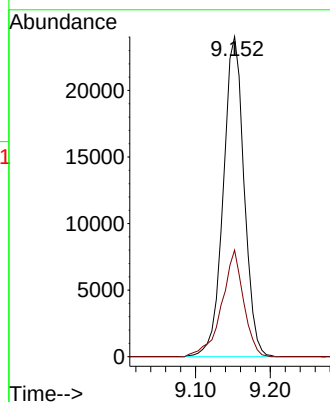
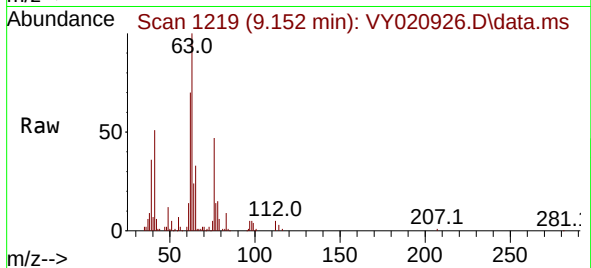
ClientSampleId :

Tgt Ion: 63 Resp: 46499

Ion Ratio Lower Upper

63 100

65 33.3 23.9 35.9



#46

Dibromomethane

Concen: 23.891 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

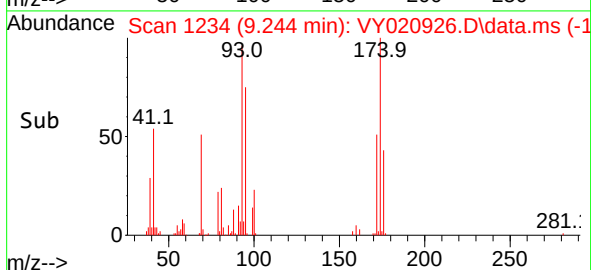
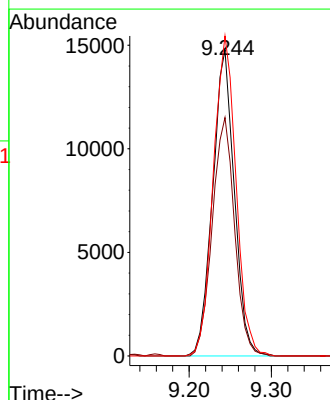
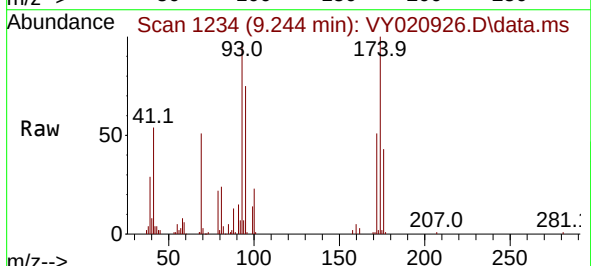
Tgt Ion: 93 Resp: 27086

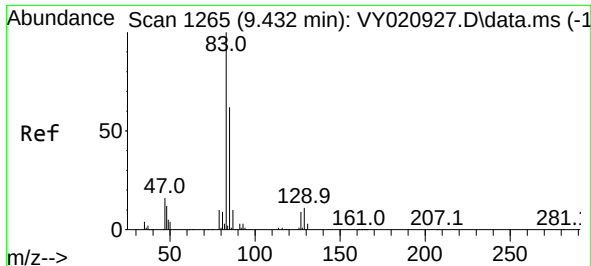
Ion Ratio Lower Upper

93 100

95 80.2 66.2 99.2

174 109.2 87.0 130.4





#47

Bromodichloromethane

Concen: 23.095 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

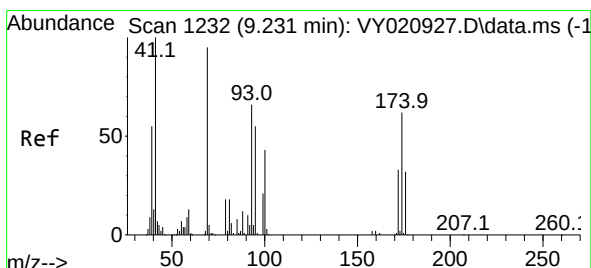
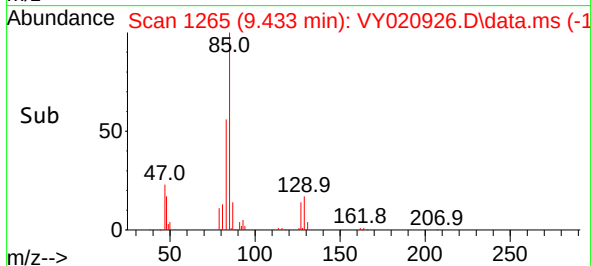
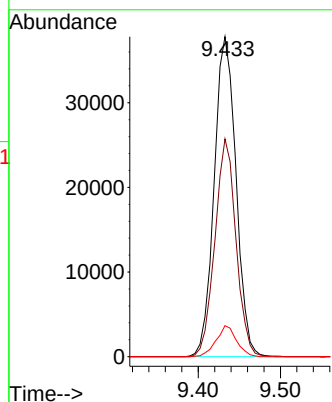
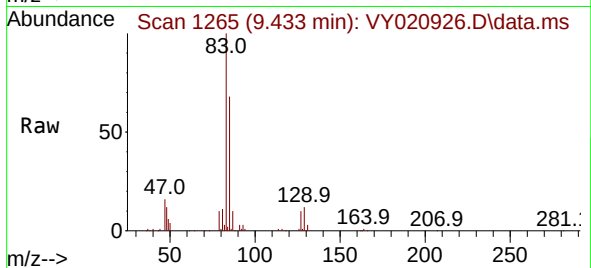
Tgt Ion: 83 Resp: 69668

Ion Ratio Lower Upper

83 100

85 68.0 49.3 73.9

127 9.7 7.4 11.0



#48

Methyl methacrylate

Concen: 23.827 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

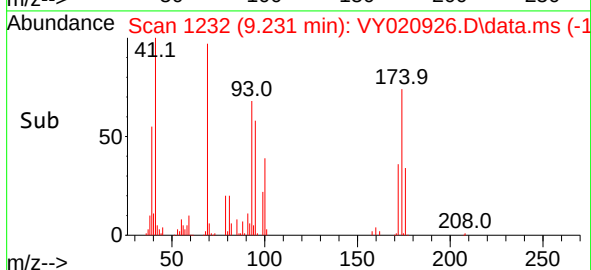
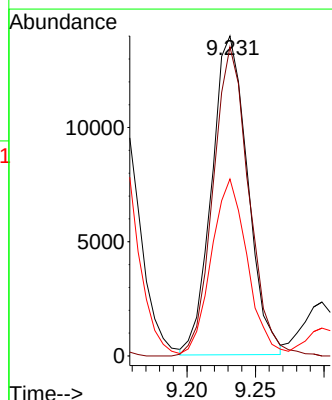
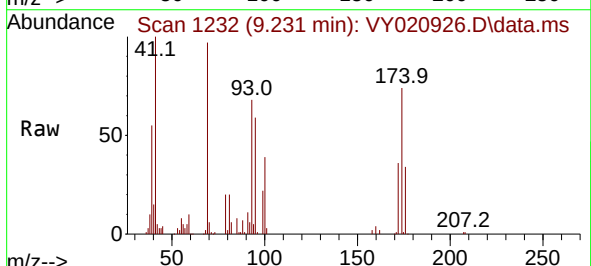
Tgt Ion: 41 Resp: 25465

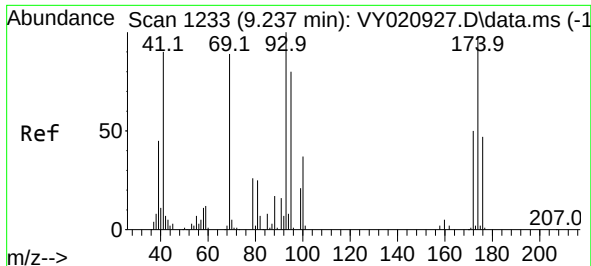
Ion Ratio Lower Upper

41 100

69 96.4 77.0 115.4

39 54.2 41.1 61.7





#49

1,4-Dioxane

Concen: 421.572 ug/l

RT: 9.256 min Scan# 11

Delta R.T. 0.019 min

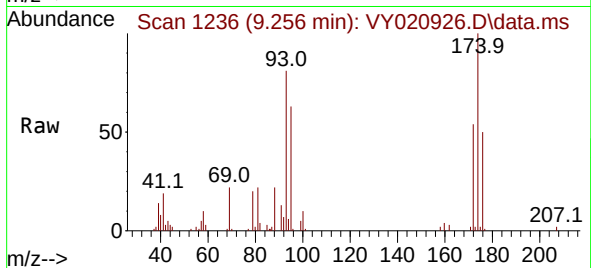
Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :



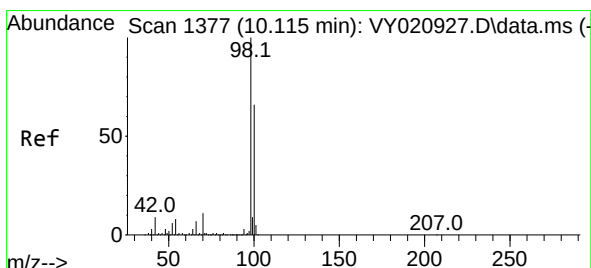
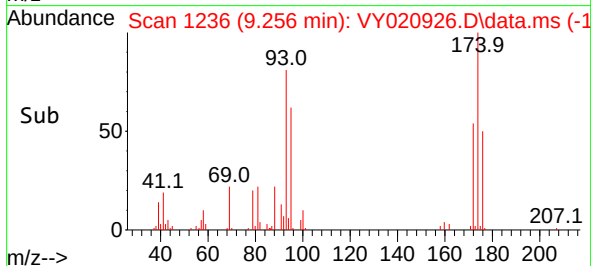
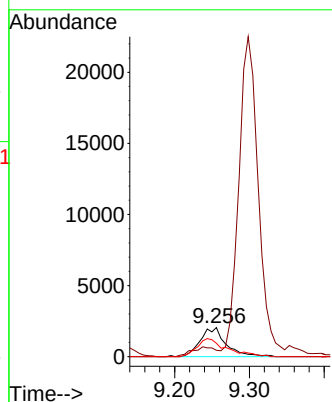
Tgt Ion: 88 Resp: 4921

Ion Ratio Lower Upper

88 100

43 32.7 23.1 34.7

58 71.1 49.0 73.6



#50

Toluene-d8

Concen: 9.610 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020926.D

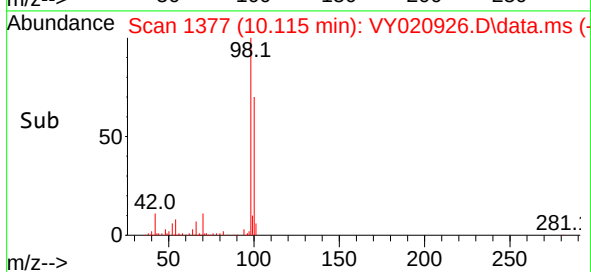
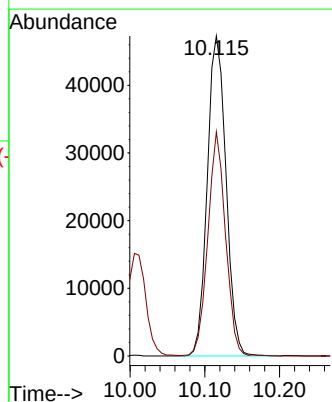
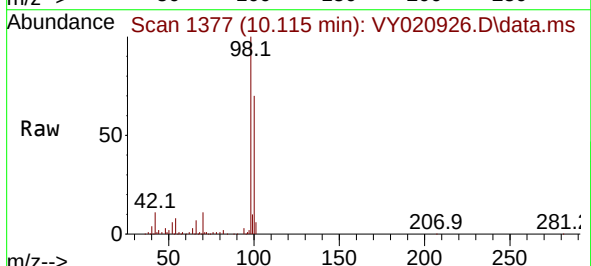
Acq: 24 Jan 2025 13:34

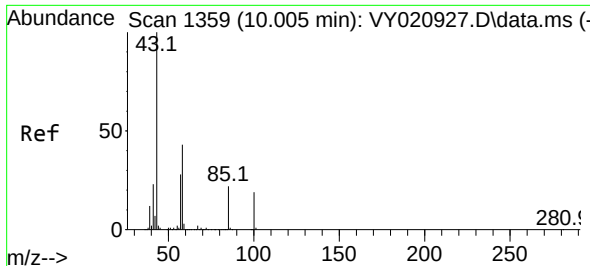
Tgt Ion: 98 Resp: 82211

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

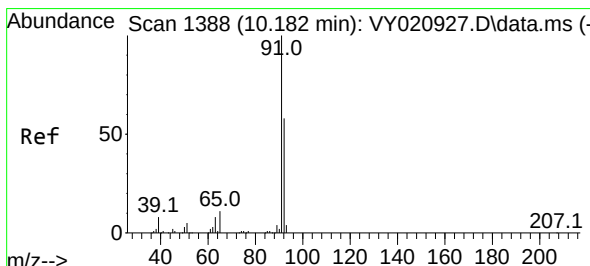
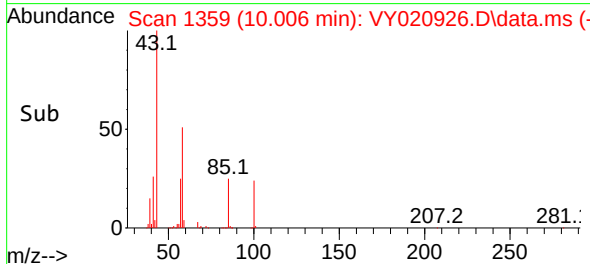
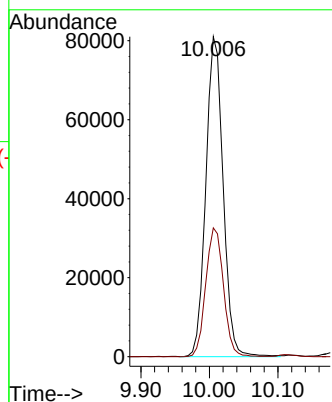
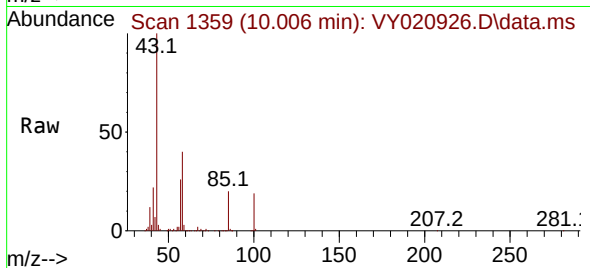




#51
4-Methyl-2-Pentanone
Concen: 124.625 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

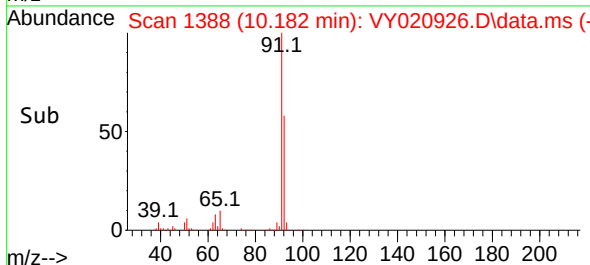
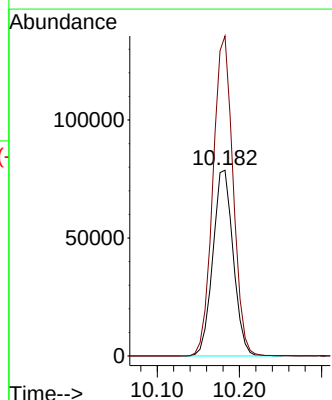
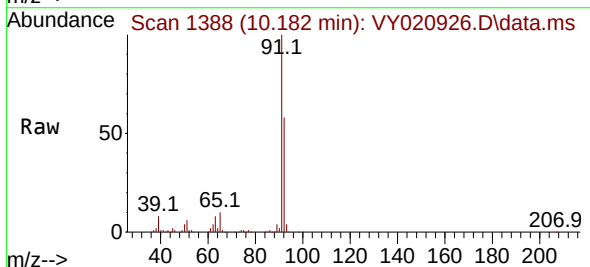
Instrument :
MSVOA_Y
ClientSampleId :

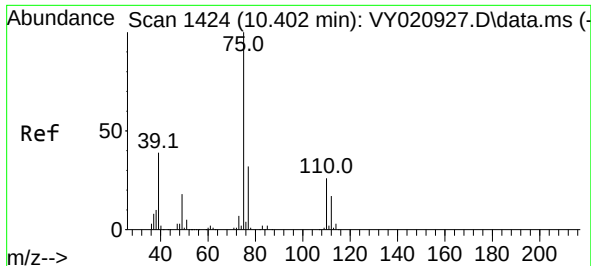
Tgt Ion: 43 Resp: 142367
Ion Ratio Lower Upper
43 100
58 41.2 33.7 50.5



#52
Toluene
Concen: 23.284 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 92 Resp: 135283
Ion Ratio Lower Upper
92 100
91 170.1 137.3 205.9

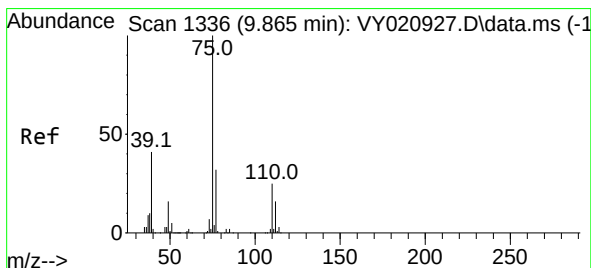
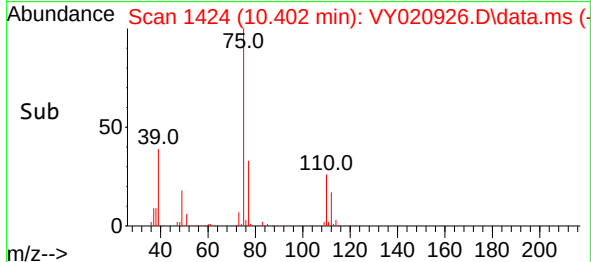
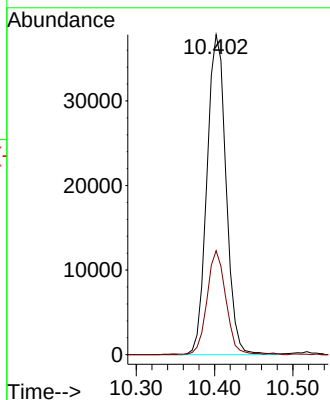
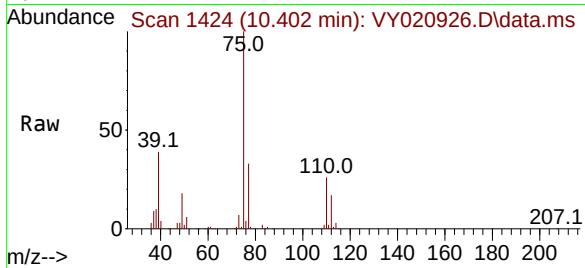




#53
 t-1,3-Dichloropropene
 Concen: 23.148 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

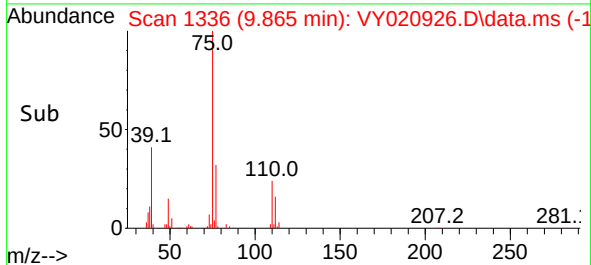
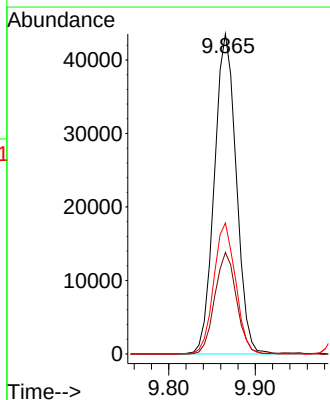
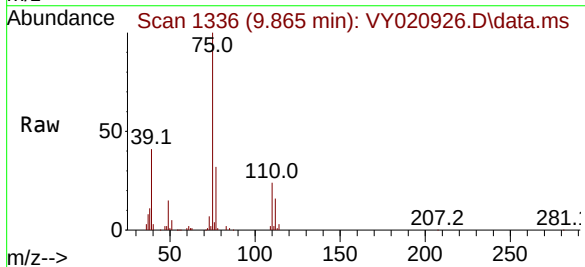
Instrument :
 MSVOA_Y
 ClientSampleId :

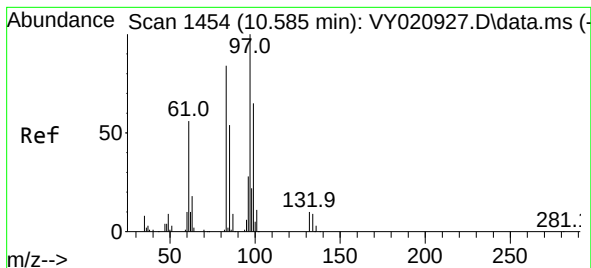
Tgt Ion: 75 Resp: 64023
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 23.192 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

Tgt Ion: 75 Resp: 76594
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 41.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 23.644 ug/l

RT: 10.579 min Scan# 1454

Delta R.T. -0.006 min

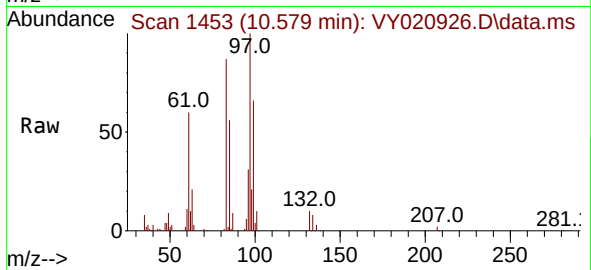
Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 36234

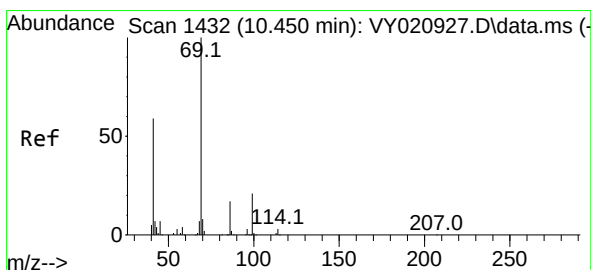
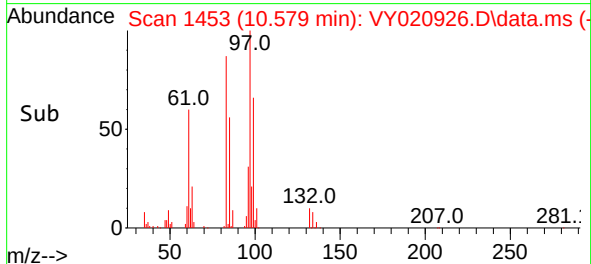
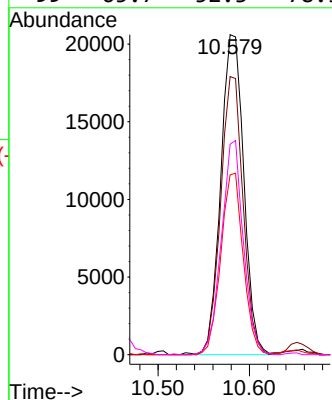
Ion Ratio Lower Upper

97 100

83 86.9 67.0 100.6

85 56.2 43.1 64.7

99 65.7 52.3 78.5



#56

Ethyl methacrylate

Concen: 23.637 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

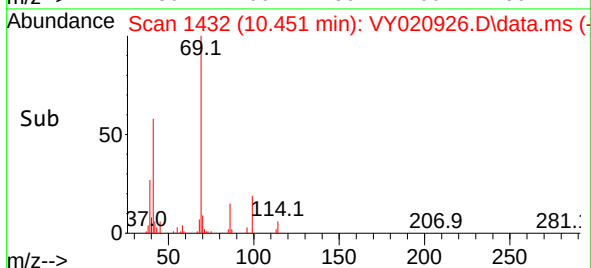
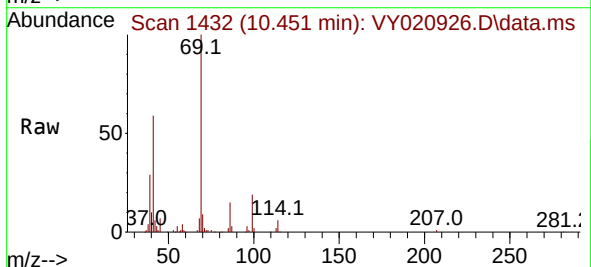
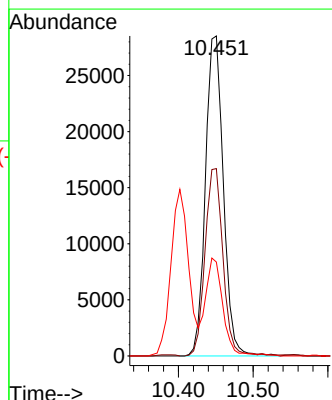
Tgt Ion: 69 Resp: 47472

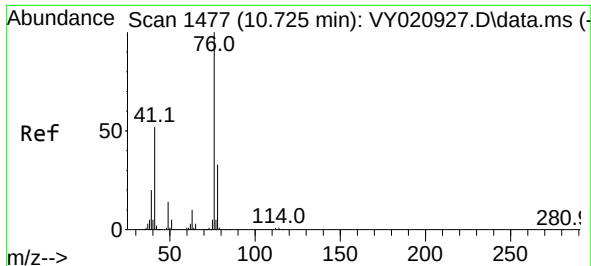
Ion Ratio Lower Upper

69 100

41 59.1 46.6 70.0

39 29.9 23.9 35.9





#57

1,3-Dichloropropane

Concen: 23.642 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

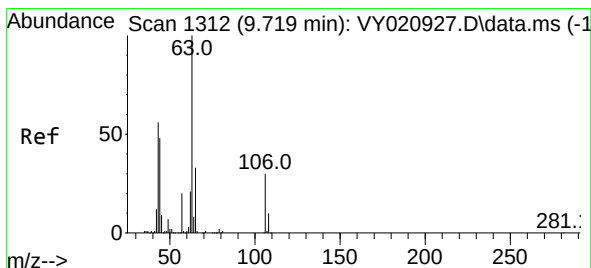
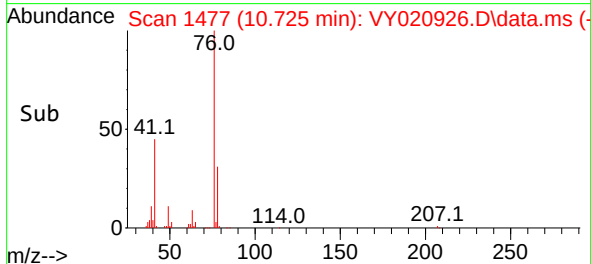
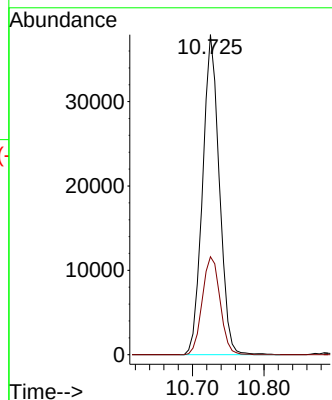
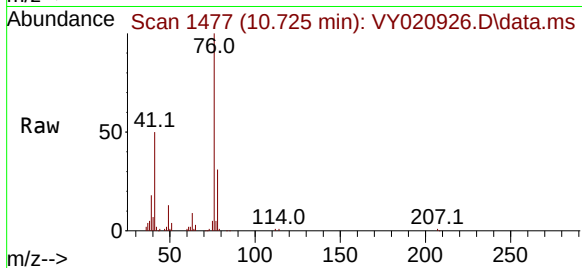
ClientSampleId :

Tgt Ion: 76 Resp: 61548

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 108.105 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020926.D

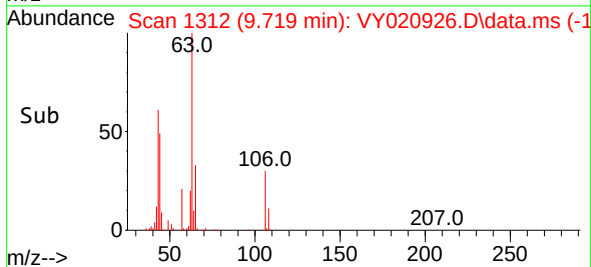
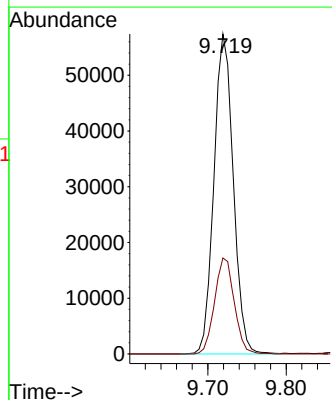
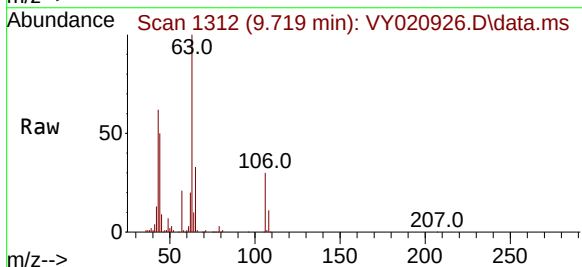
Acq: 24 Jan 2025 13:34

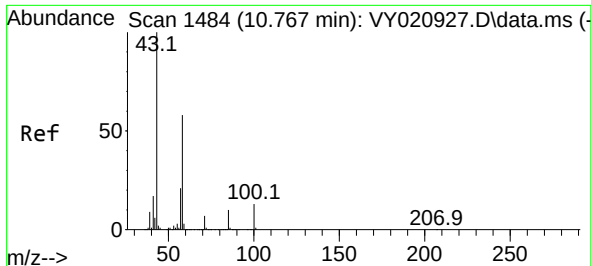
Tgt Ion: 63 Resp: 98541

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1

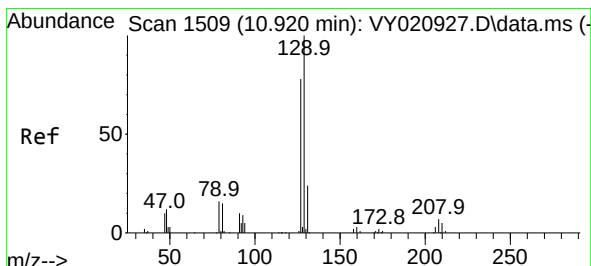
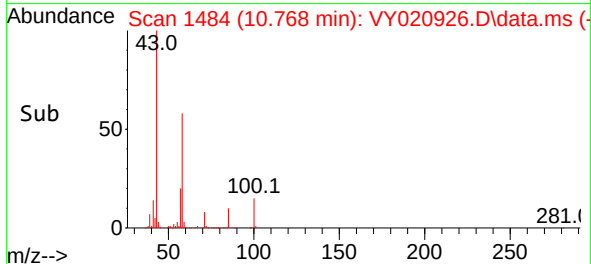
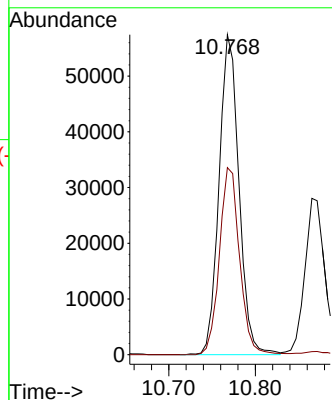
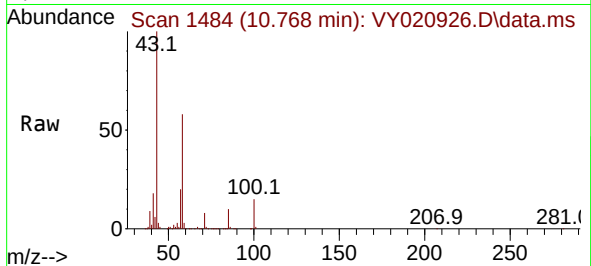




#59
2-Hexanone
Concen: 124.532 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

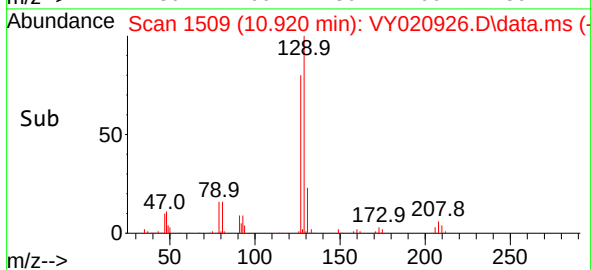
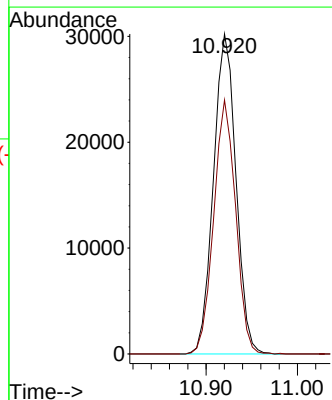
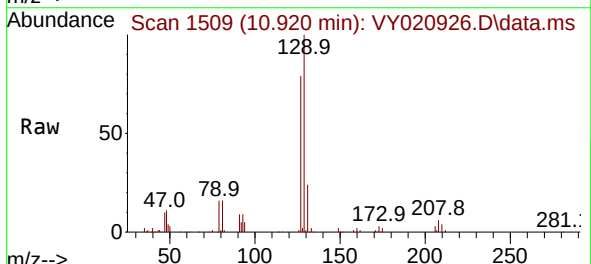
Instrument :
MSVOA_Y
ClientSampleId :

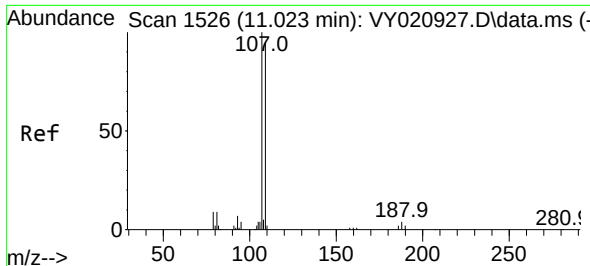
Tgt Ion: 43 Resp: 91478
Ion Ratio Lower Upper
43 100
58 59.4 29.9 89.8



#60
Dibromochloromethane
Concen: 23.996 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 129 Resp: 51755
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

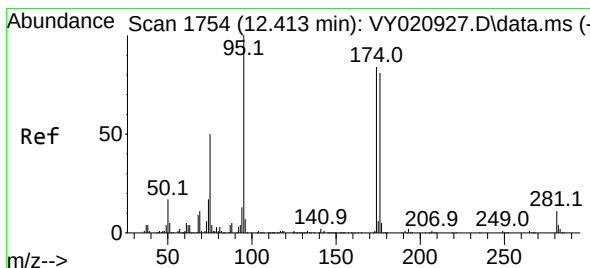
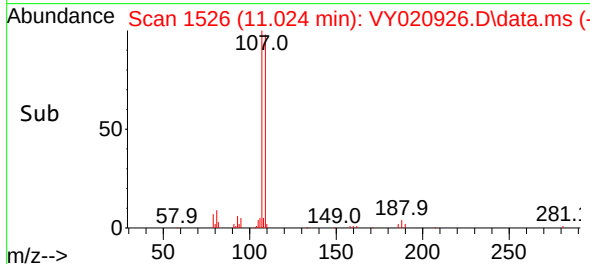
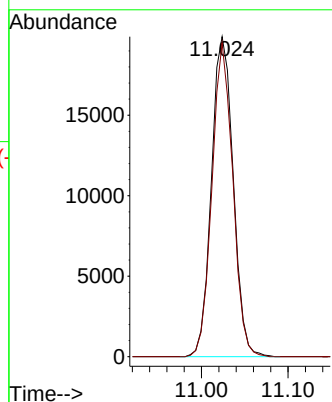
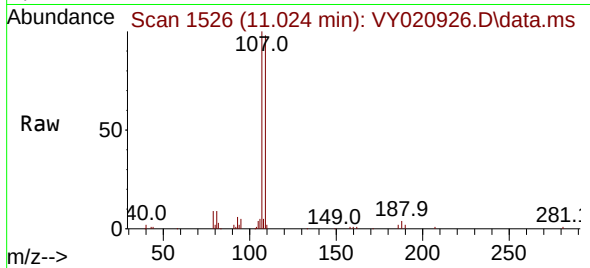




#61
1,2-Dibromoethane
Concen: 23.700 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

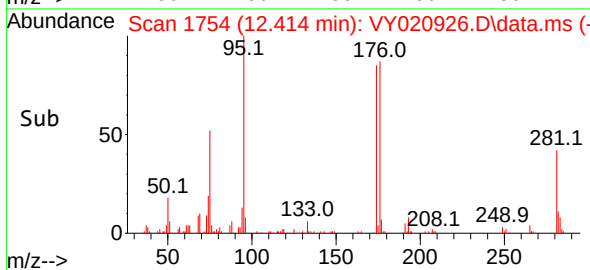
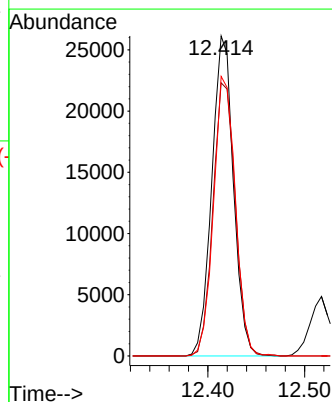
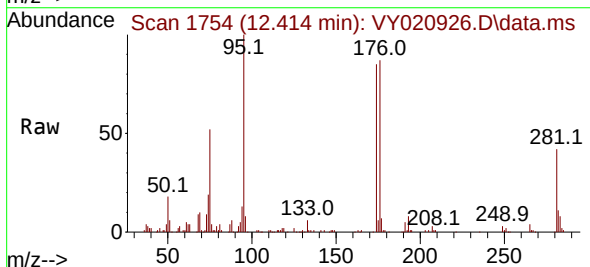
Instrument :
MSVOA_Y
ClientSampleId :

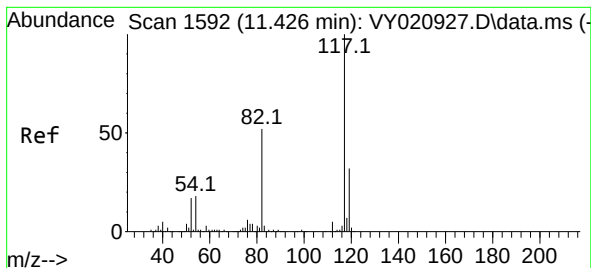
Tgt Ion:107 Resp: 34738
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 14.282 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 95 Resp: 40664
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.4
176 87.7 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

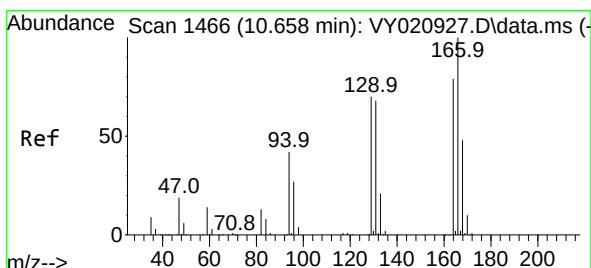
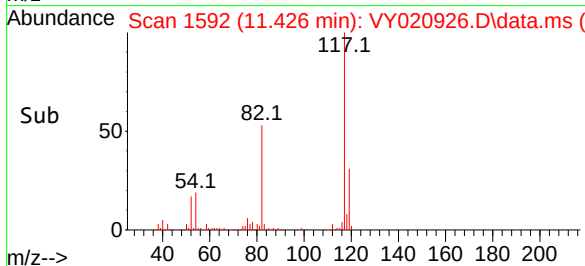
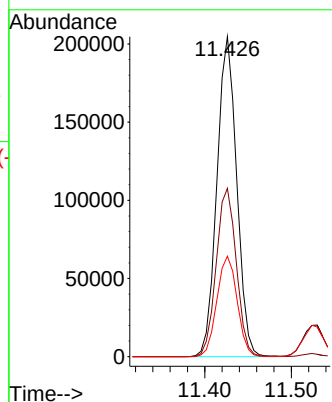
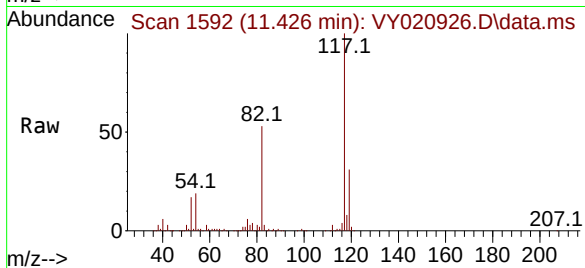
Tgt Ion:117 Resp: 325088

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

119 31.4 26.0 39.0



#64

Tetrachloroethene

Concen: 23.200 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Tgt Ion:164 Resp: 52487

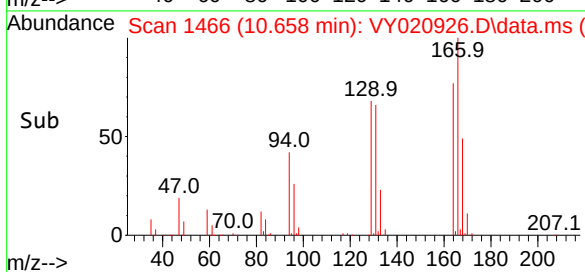
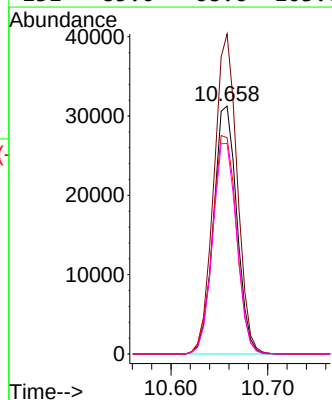
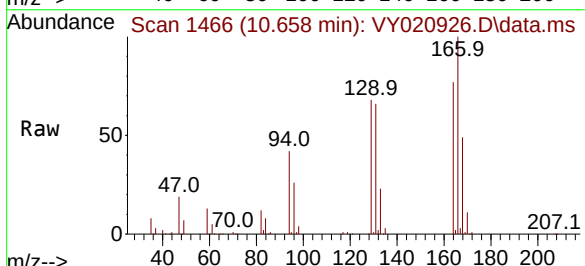
Ion Ratio Lower Upper

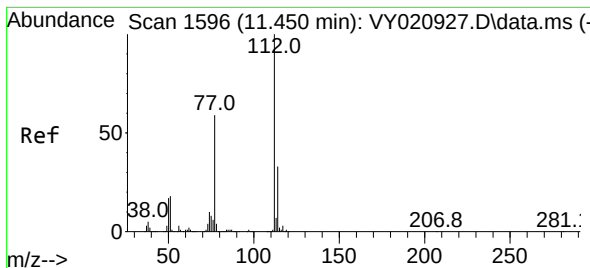
164 100

166 129.1 101.0 151.6

129 87.3 70.8 106.2

131 85.0 68.6 103.0





#65

Chlorobenzene

Concen: 23.128 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

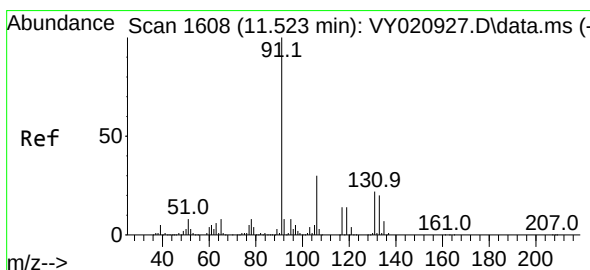
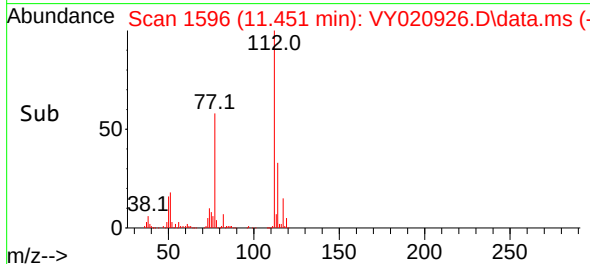
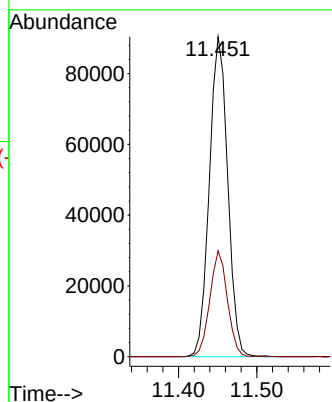
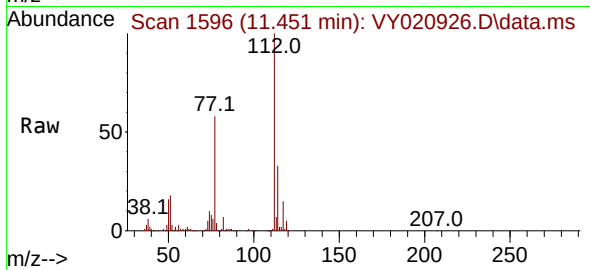
ClientSampleId :

Tgt Ion:112 Resp: 147025

Ion Ratio Lower Upper

112 100

114 33.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.838 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

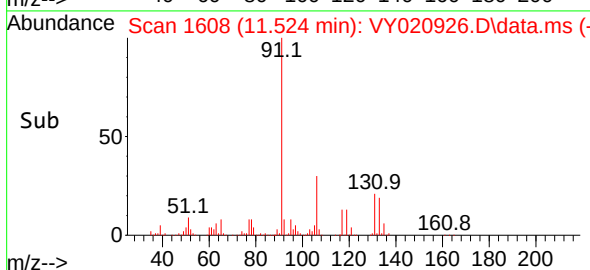
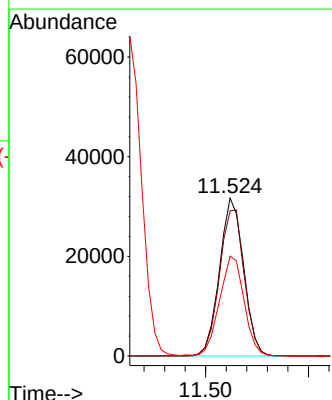
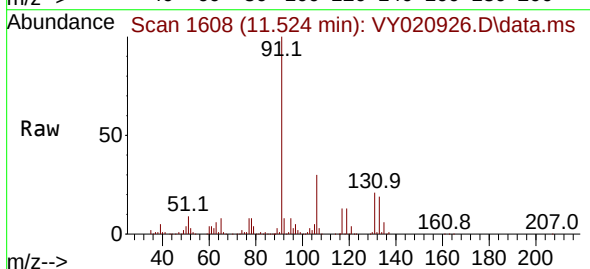
Tgt Ion:131 Resp: 51591

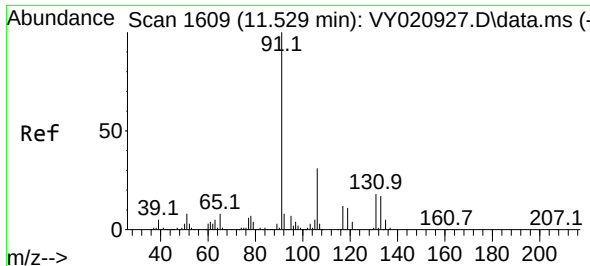
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

119 64.7 31.2 93.6





#67

Ethyl Benzene

Concen: 23.245 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

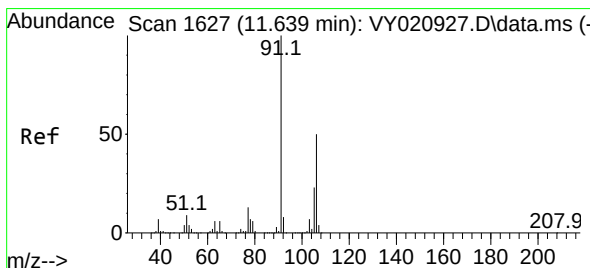
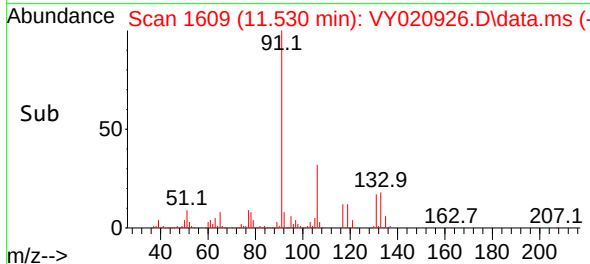
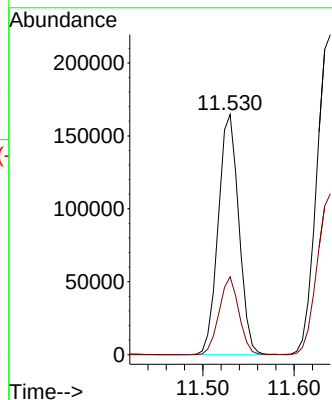
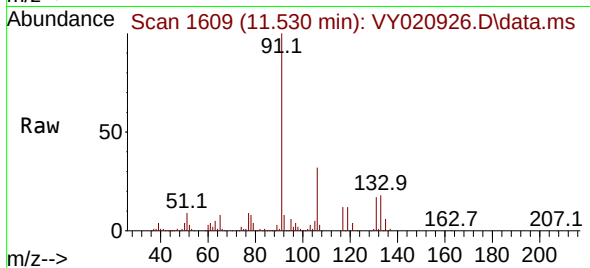
ClientSampleId :

Tgt Ion: 91 Resp: 257850

Ion Ratio Lower Upper

91 100

106 32.4 25.2 37.8



#68

m/p-Xylenes

Concen: 46.292 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020926.D

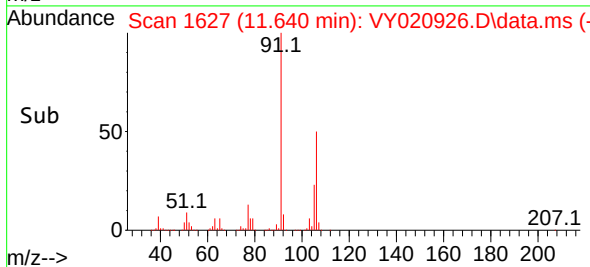
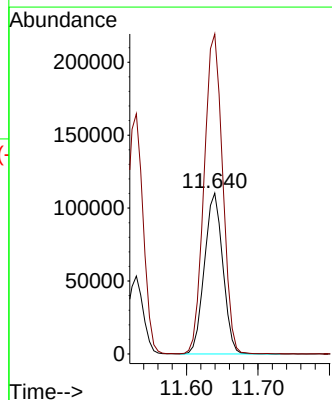
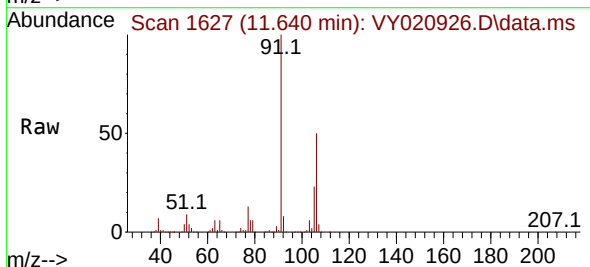
Acq: 24 Jan 2025 13:34

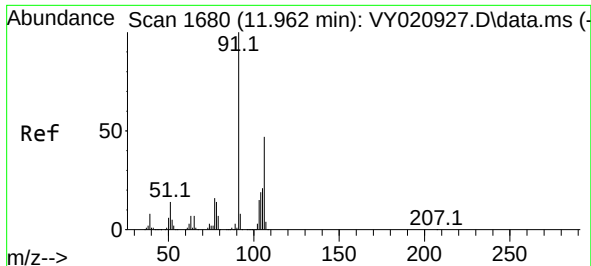
Tgt Ion:106 Resp: 196629

Ion Ratio Lower Upper

106 100

91 200.6 159.5 239.3

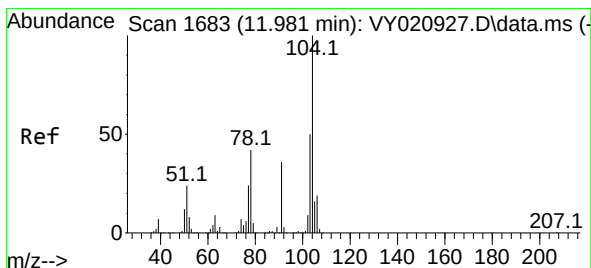
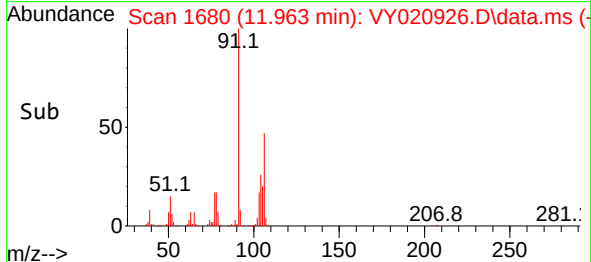
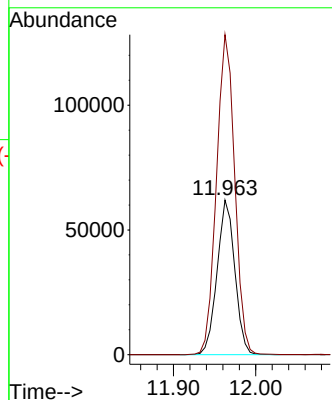
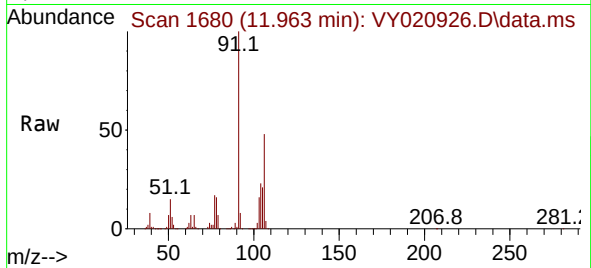




#69
o-Xylene
Concen: 23.400 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

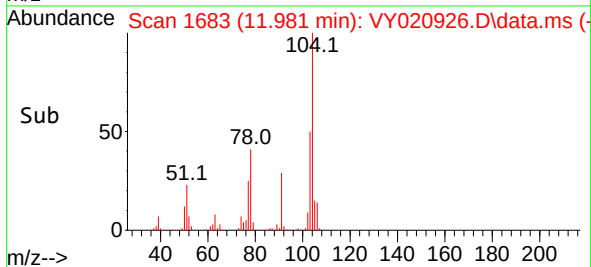
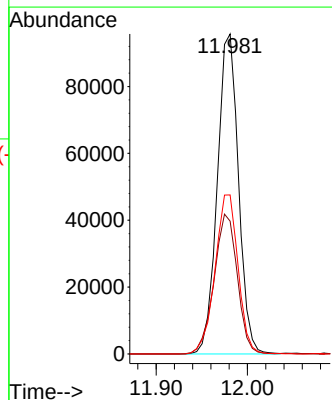
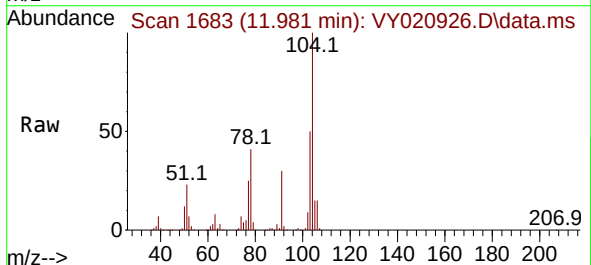
Instrument :
MSVOA_Y
ClientSampleId :

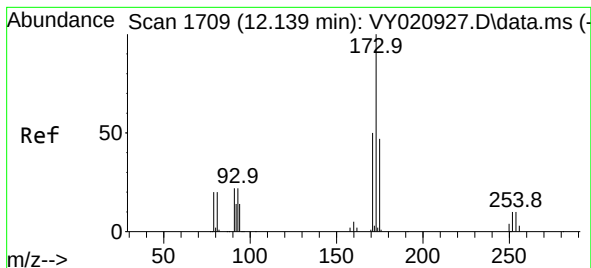
Tgt Ion:106 Resp: 92842
Ion Ratio Lower Upper
106 100
91 213.3 105.3 315.9



#70
Styrene
Concen: 23.714 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion:104 Resp: 154199
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.1 43.4 65.2





#71

Bromoform

Concen: 24.135 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

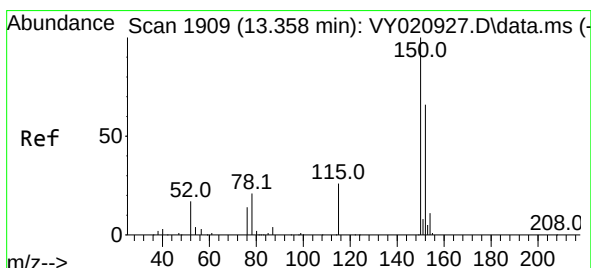
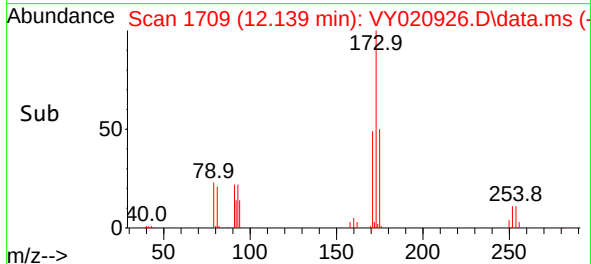
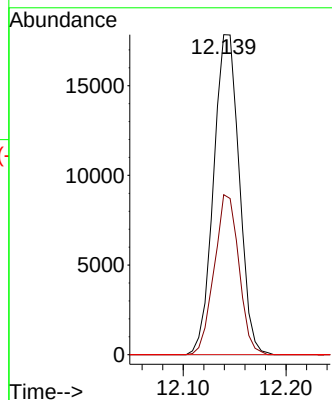
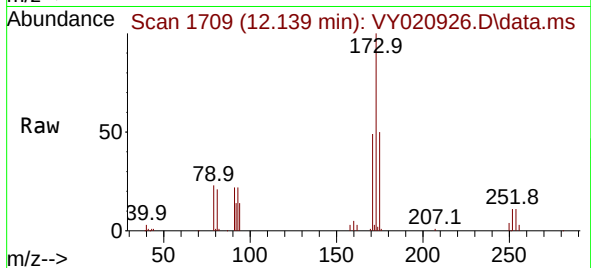
Tgt Ion:173 Resp: 30873

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

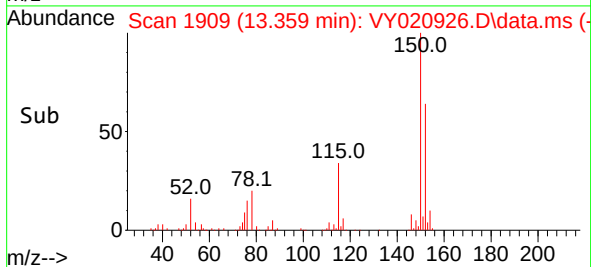
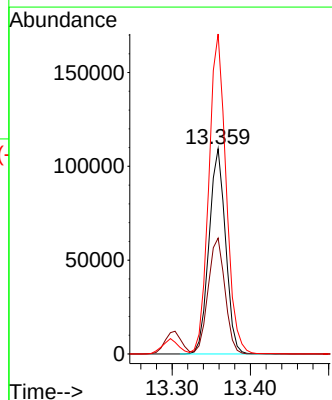
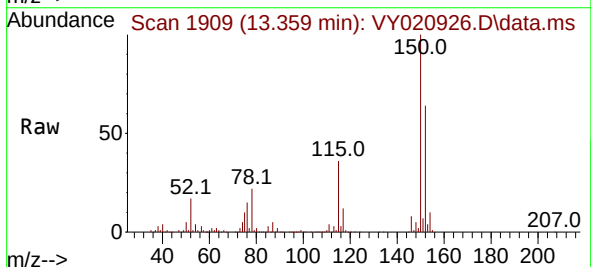
Tgt Ion:152 Resp: 160221

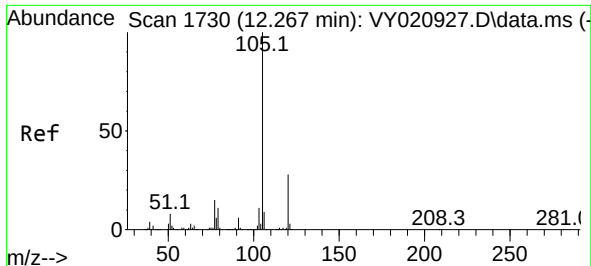
Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

150 163.1 0.0 347.6

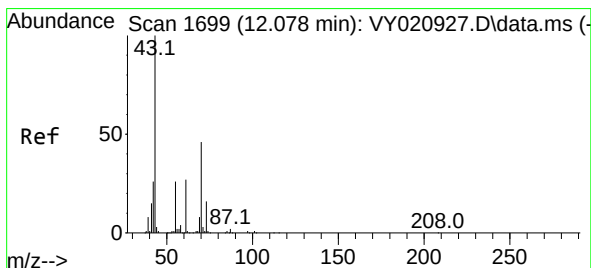
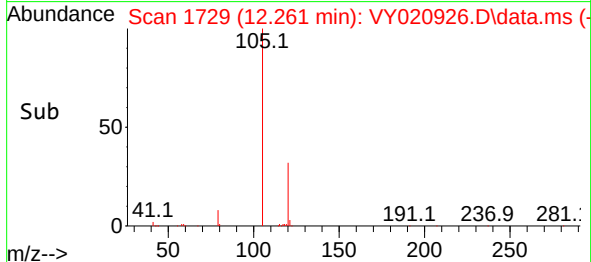
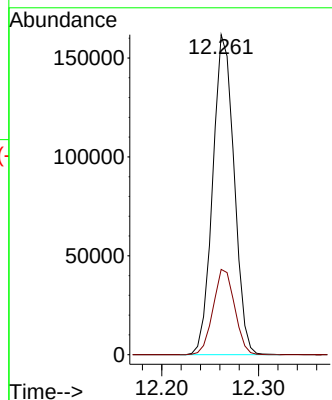
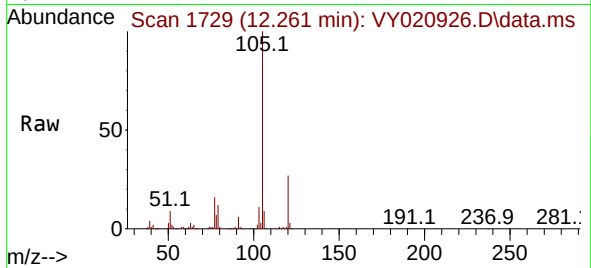




#73
Isopropylbenzene
Concen: 22.514 ug/l
RT: 12.261 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

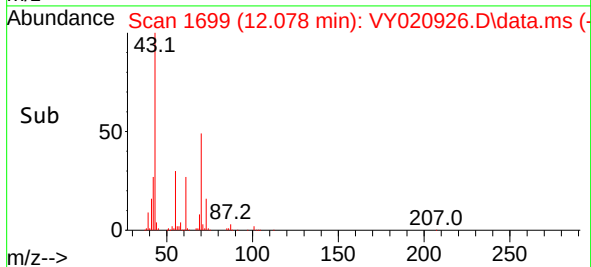
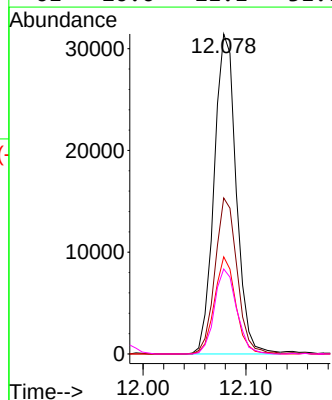
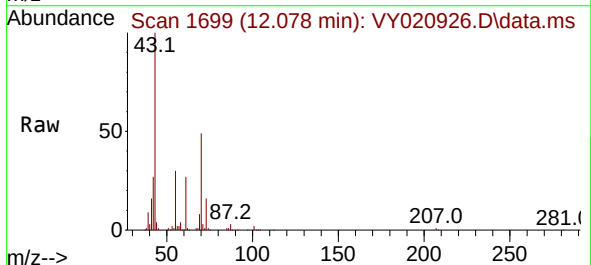
Instrument :
MSVOA_Y
ClientSampleId :

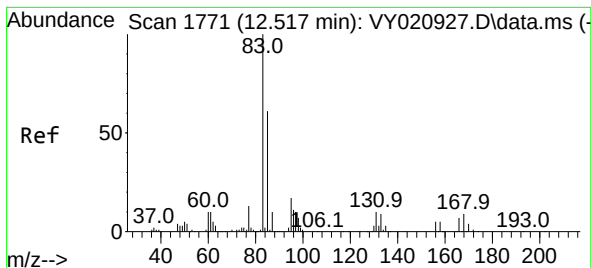
Tgt Ion:105 Resp: 248439
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 23.881 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 43 Resp: 46891
Ion Ratio Lower Upper
43 100
70 48.8 38.7 58.1
55 29.2 21.6 32.4
61 26.6 21.1 31.7

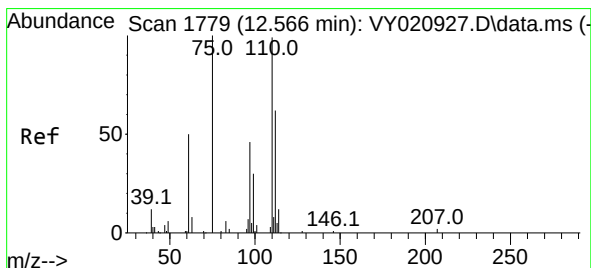
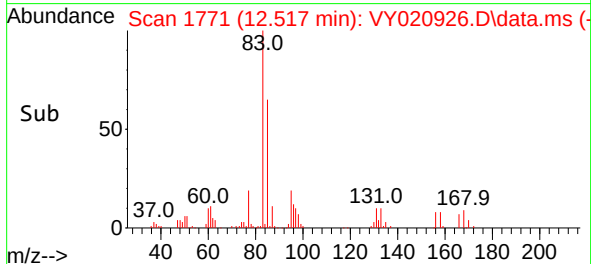
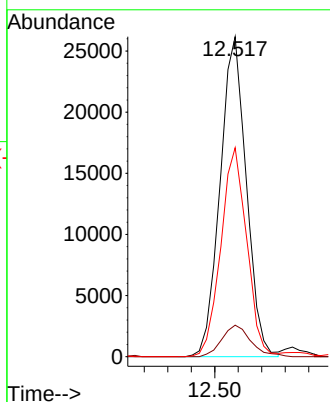
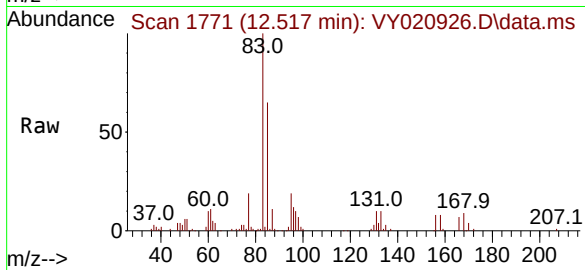




#75
 1,1,2-Tetrachloroethane
 Concen: 23.634 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

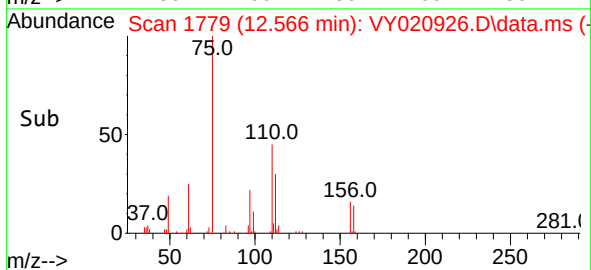
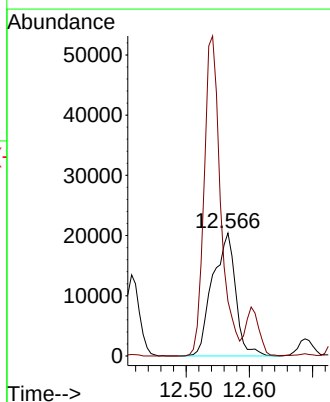
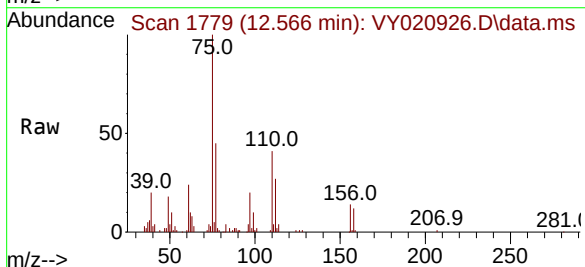
Instrument :
 MSVOA_Y
 ClientSampleId :

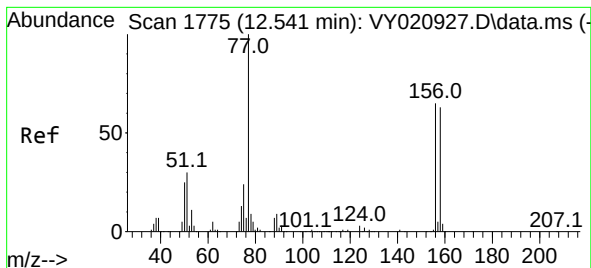
Tgt Ion: 83 Resp: 40577
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.7
 85 64.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 45.584 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

Tgt Ion: 75 Resp: 51639
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.314 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

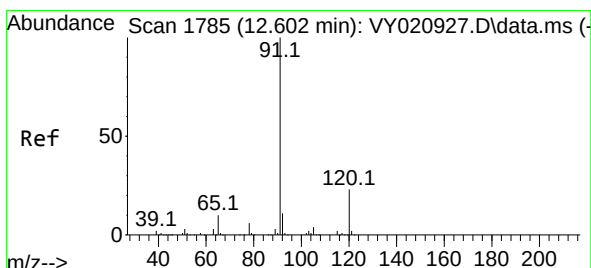
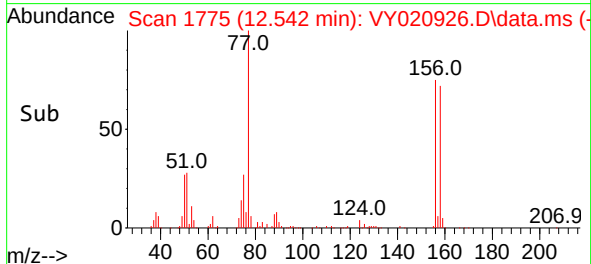
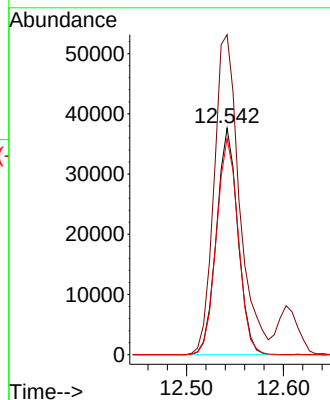
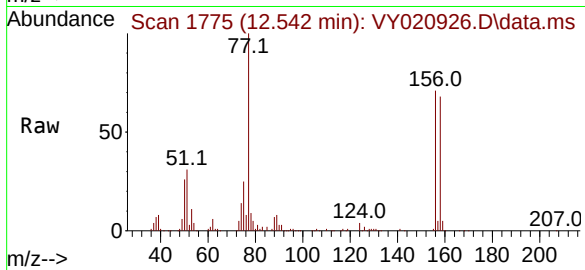
Tgt Ion:156 Resp: 57717

Ion Ratio Lower Upper

156 100

77 167.8 84.4 253.1

158 97.4 48.9 146.6



#78

n-propylbenzene

Concen: 22.681 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020926.D

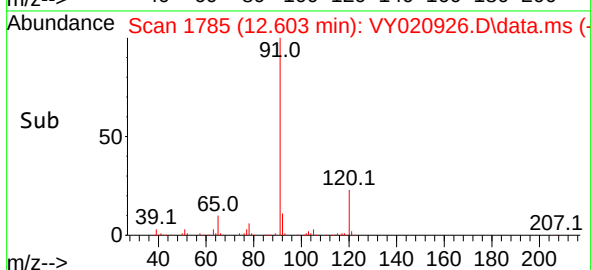
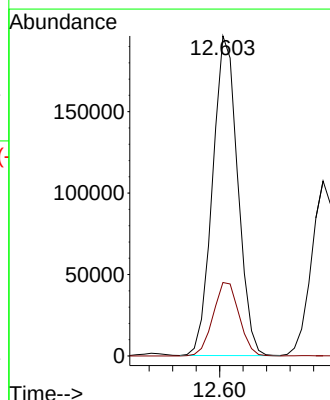
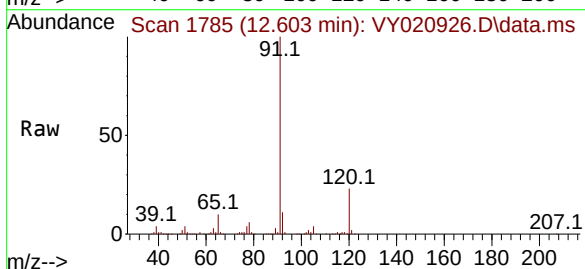
Acq: 24 Jan 2025 13:34

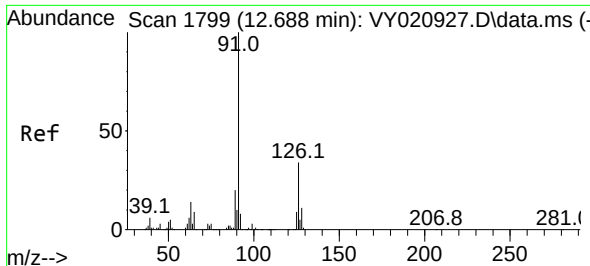
Tgt Ion: 91 Resp: 291539

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

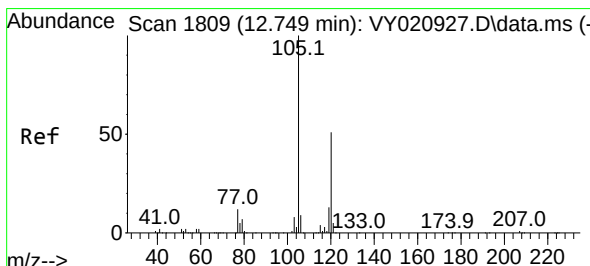
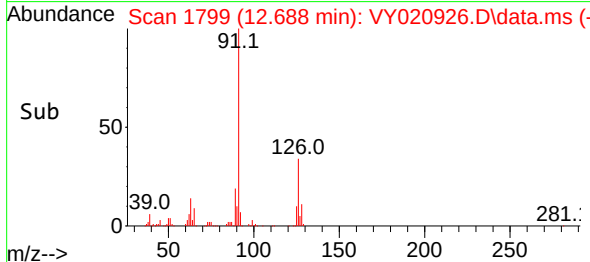
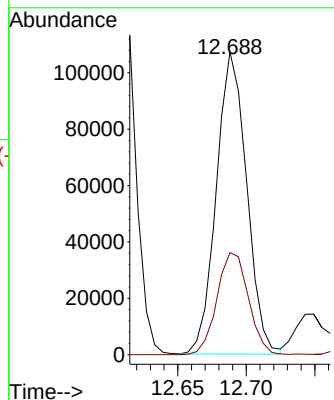
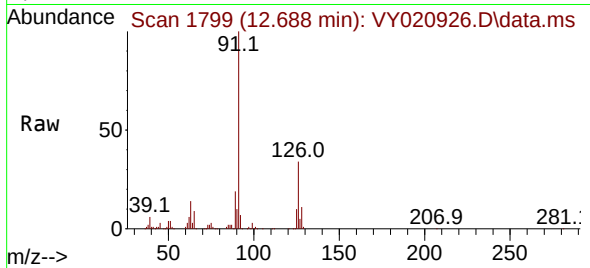




#79
2-Chlorotoluene
Concen: 22.632 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

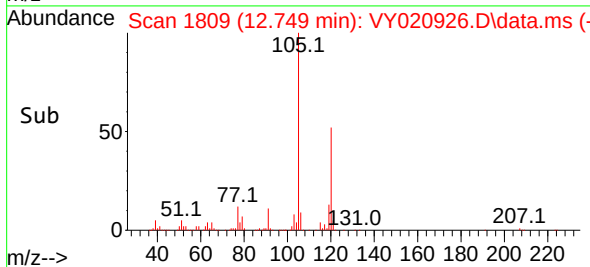
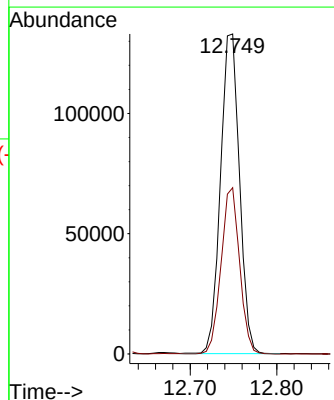
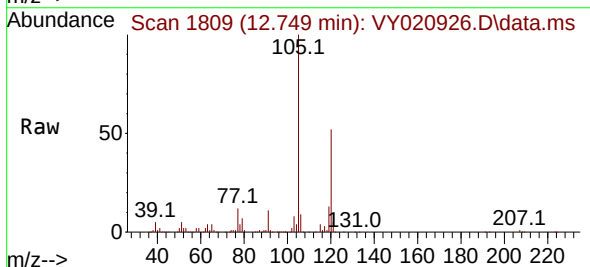
Instrument :
MSVOA_Y
ClientSampleId :

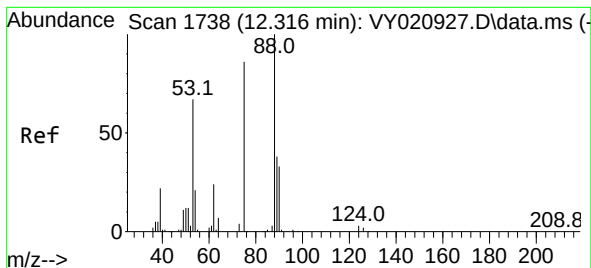
Tgt Ion: 91 Resp: 164990
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 22.832 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion:105 Resp: 202445
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.6

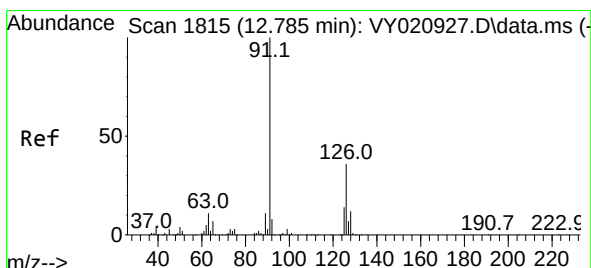
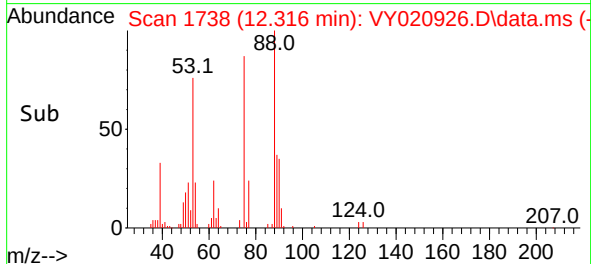
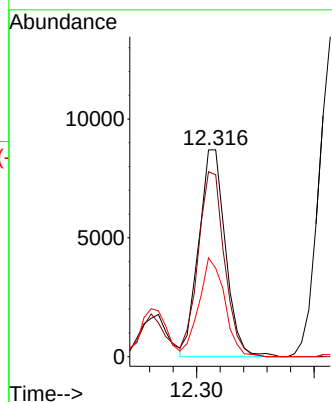
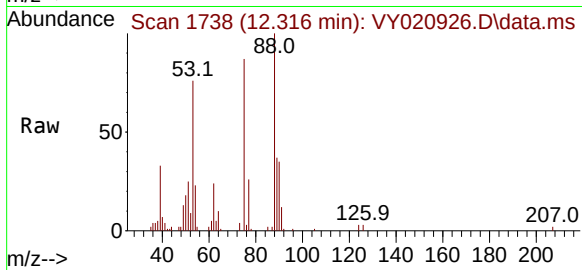




#81
trans-1,4-Dichloro-2-butene
Concen: 23.477 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

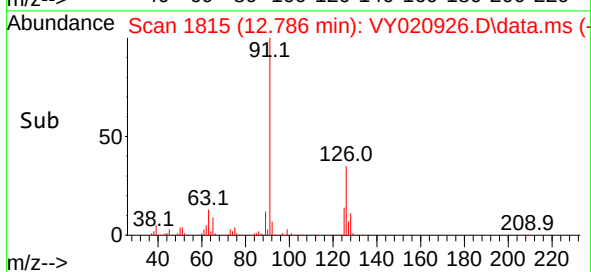
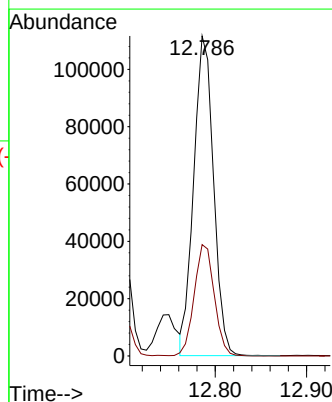
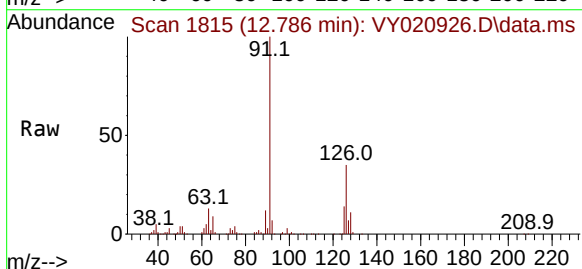
Instrument :
MSVOA_Y
ClientSampleId :

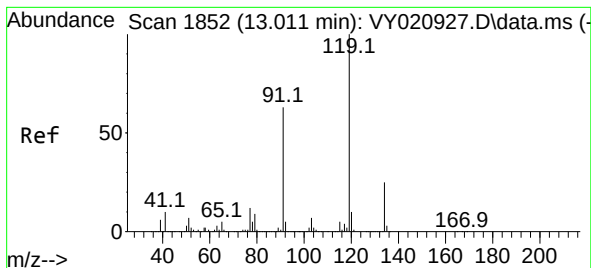
Tgt Ion: 75 Resp: 13766
Ion Ratio Lower Upper
75 100
53 88.2 67.7 101.5
89 46.1 38.4 57.6



#82
4-Chlorotoluene
Concen: 22.584 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 91 Resp: 168126
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3

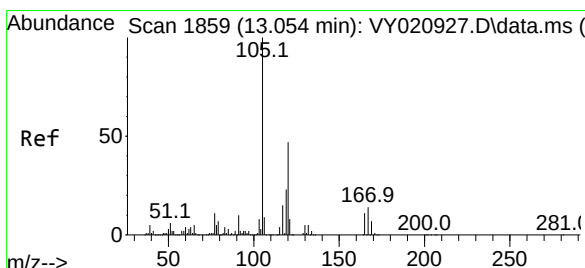
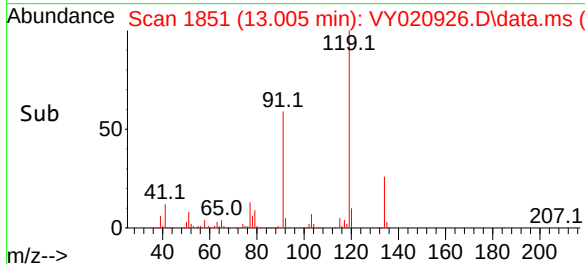
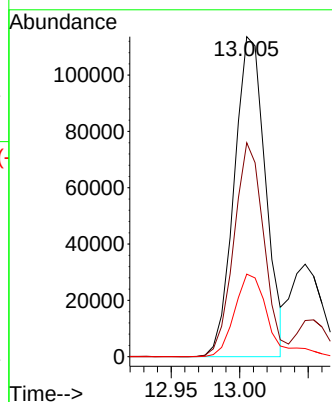
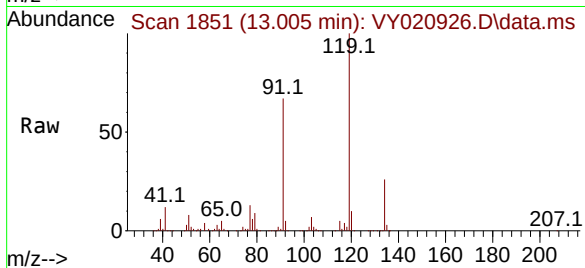




#83
 tert-Butylbenzene
 Concen: 22.094 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

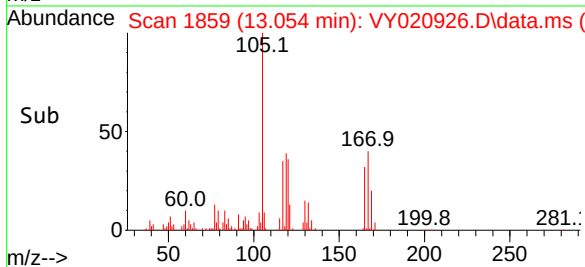
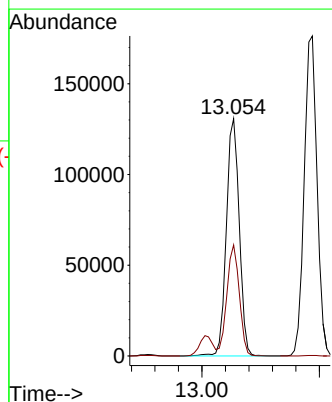
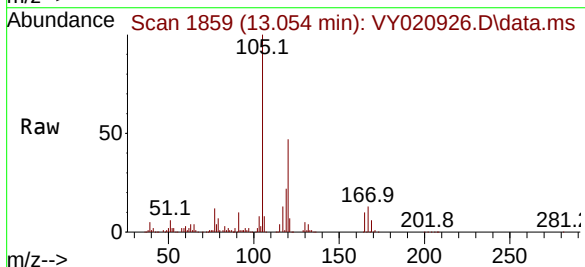
Instrument :
 MSVOA_Y
 ClientSampleId :

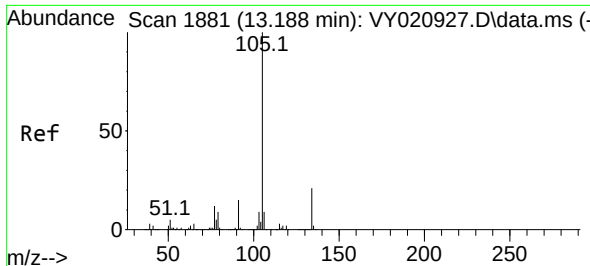
Tgt Ion:119 Resp: 180689
 Ion Ratio Lower Upper
 119 100
 91 64.4 30.9 92.8
 134 28.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 22.818 ug/l
 RT: 13.054 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

Tgt Ion:105 Resp: 199178
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7

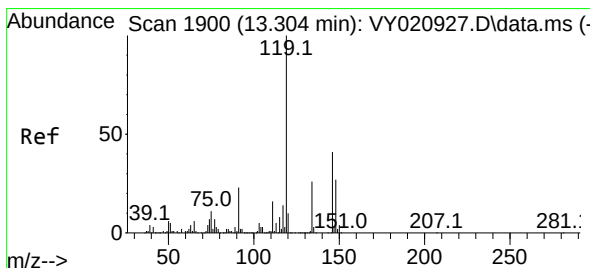
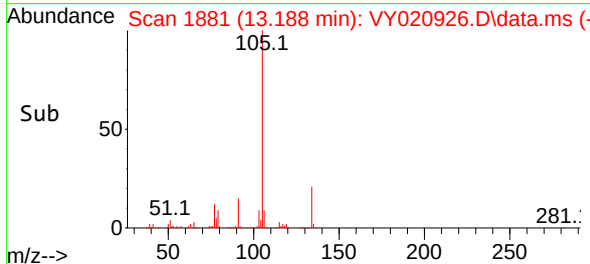
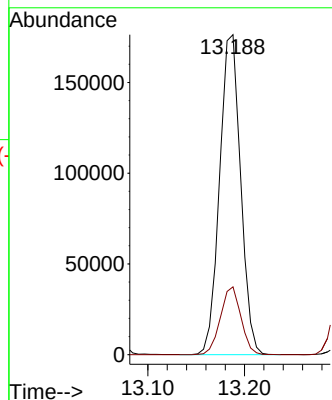
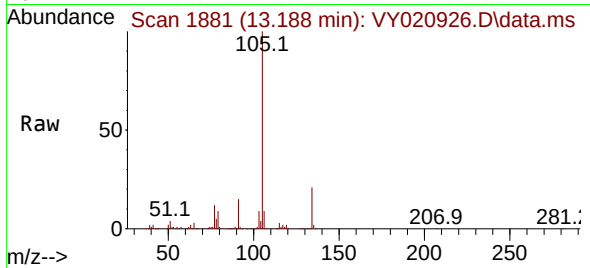




#85
 sec-Butylbenzene
 Concen: 22.830 ug/l
 RT: 13.188 min Scan# 1881
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

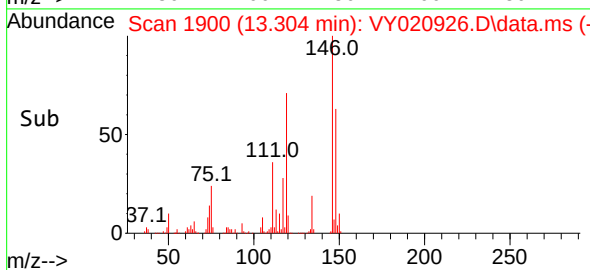
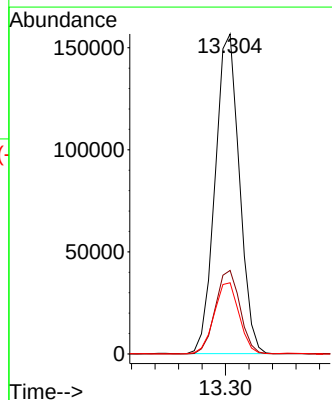
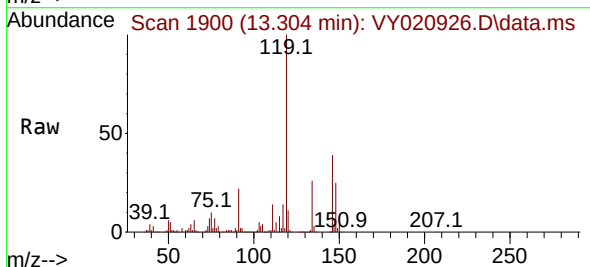
Instrument :
 MSVOA_Y
 ClientSampleId :

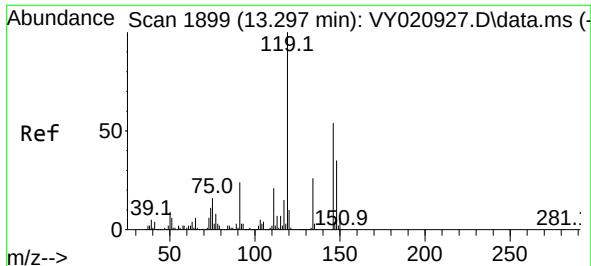
Tgt Ion:105 Resp: 266205
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 22.838 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VY020926.D
 Acq: 24 Jan 2025 13:34

Tgt Ion:119 Resp: 224978
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.9 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 22.626 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

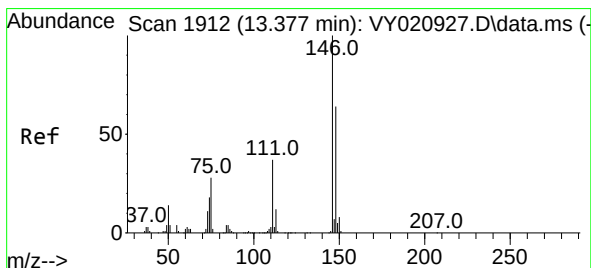
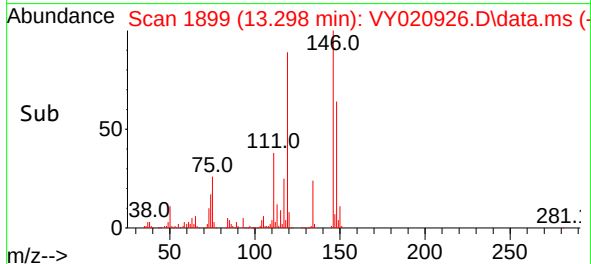
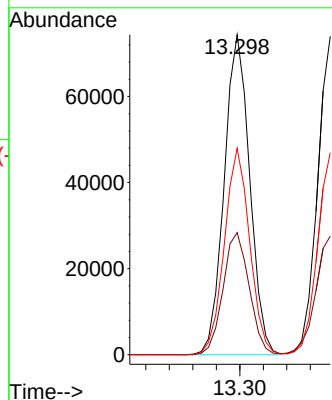
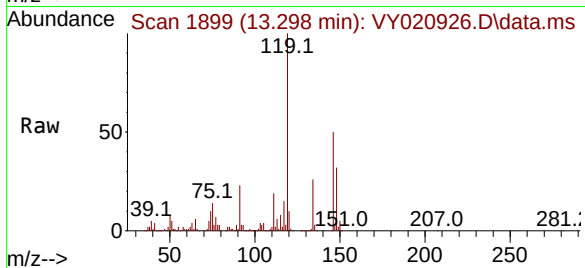
Tgt Ion:146 Resp: 112072

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 22.852 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

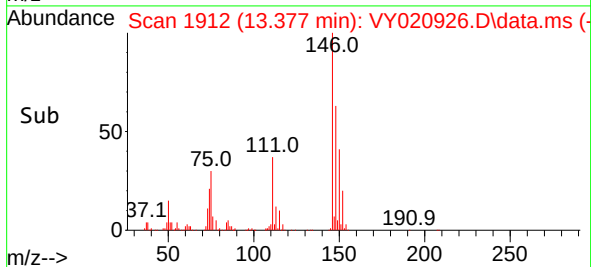
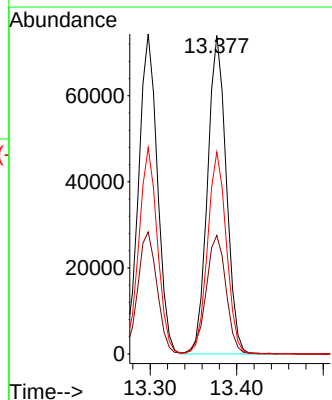
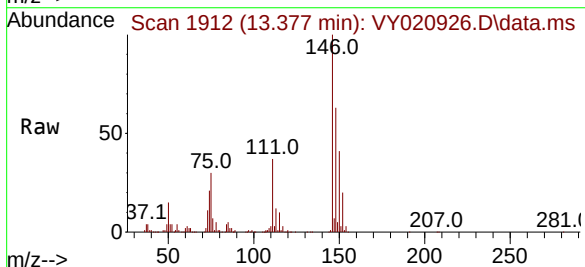
Tgt Ion:146 Resp: 111190

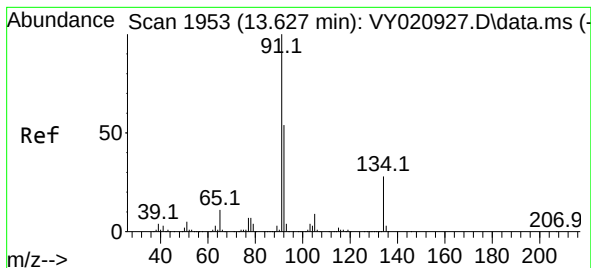
Ion Ratio Lower Upper

146 100

111 39.6 18.8 56.4

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 22.708 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

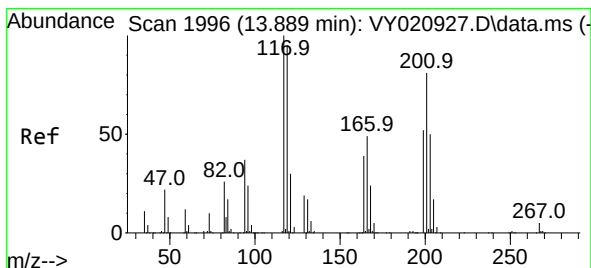
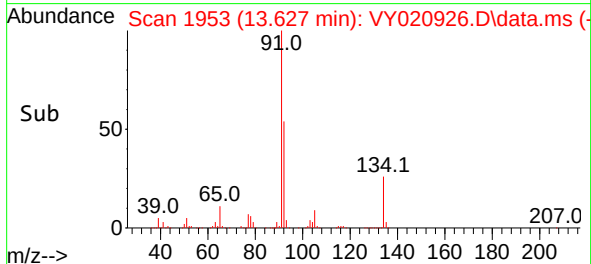
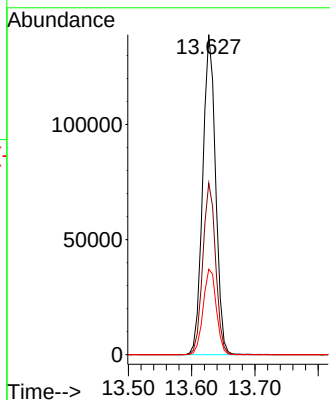
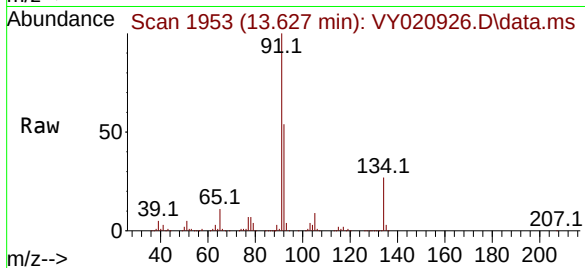
Tgt Ion: 91 Resp: 197318

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.3

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 21.935 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020926.D

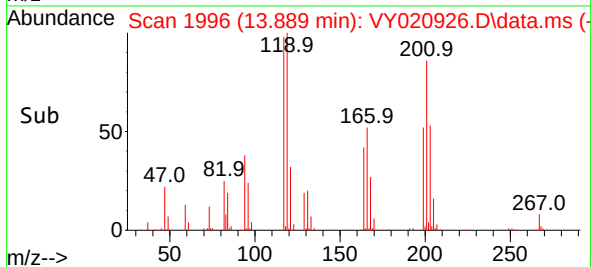
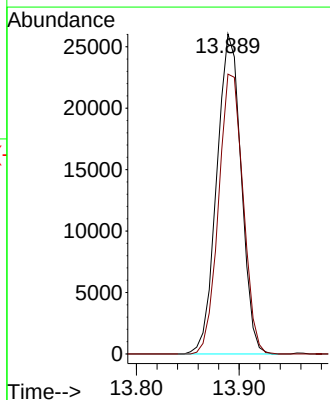
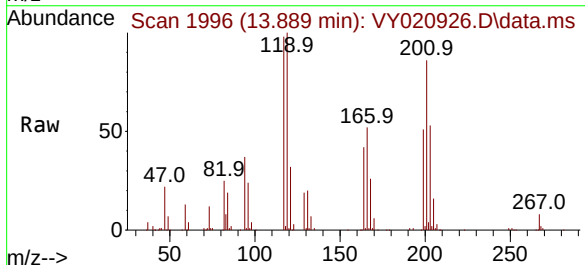
Acq: 24 Jan 2025 13:34

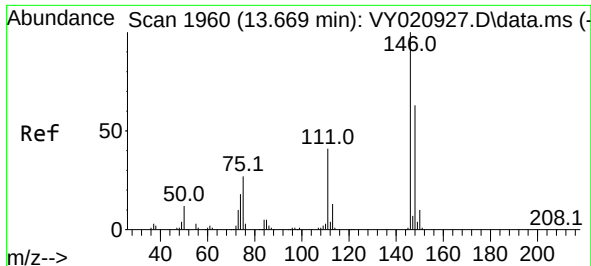
Tgt Ion: 117 Resp: 42925

Ion Ratio Lower Upper

117 100

201 87.7 42.7 128.1

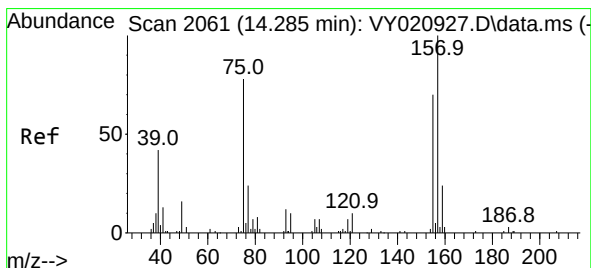
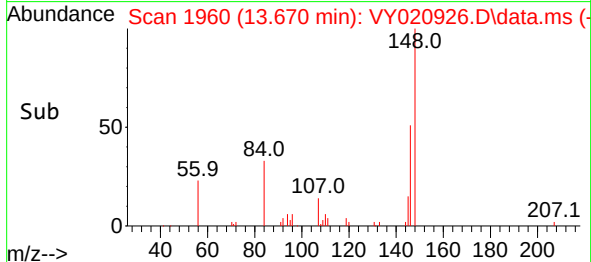
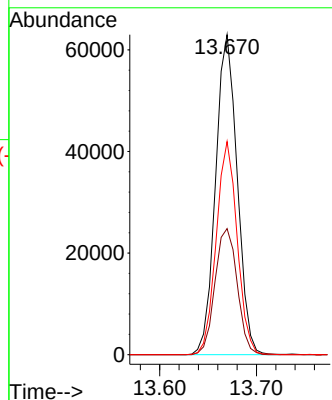
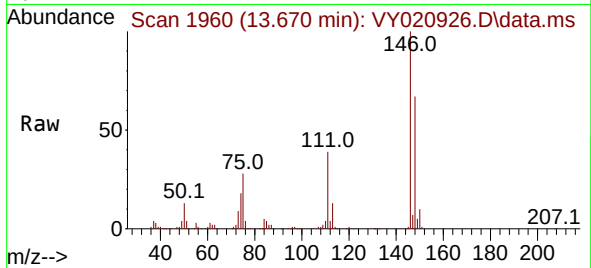




#91
1,2-Dichlorobenzene
Concen: 22.779 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

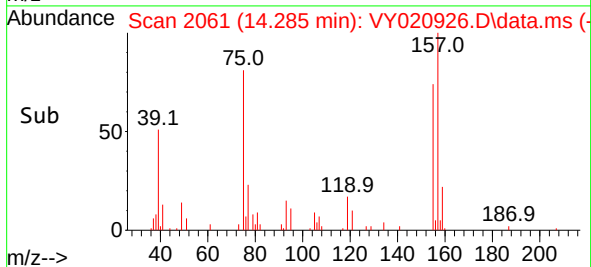
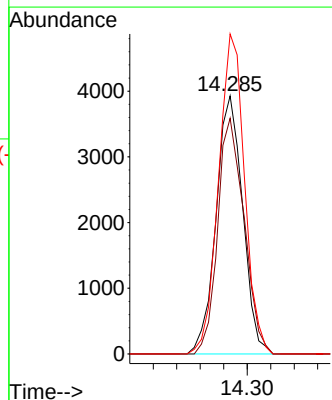
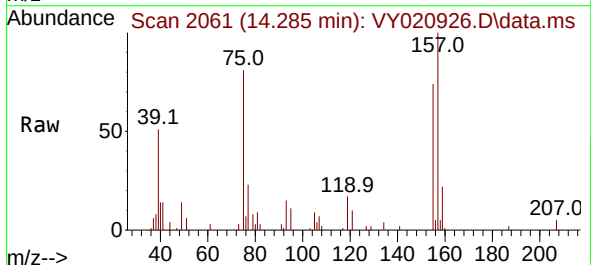
Instrument :
MSVOA_Y
ClientSampleId :

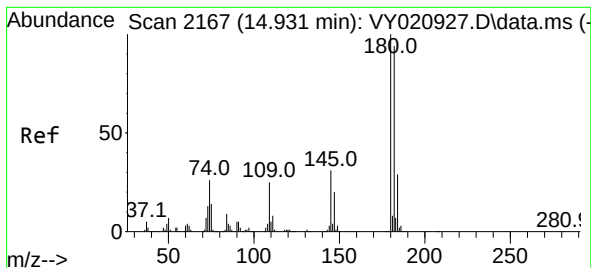
Tgt Ion:146 Resp: 97753
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 64.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.945 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VY020926.D
Acq: 24 Jan 2025 13:34

Tgt Ion: 75 Resp: 6176
Ion Ratio Lower Upper
75 100
155 90.5 46.6 139.7
157 120.9 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 21.673 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

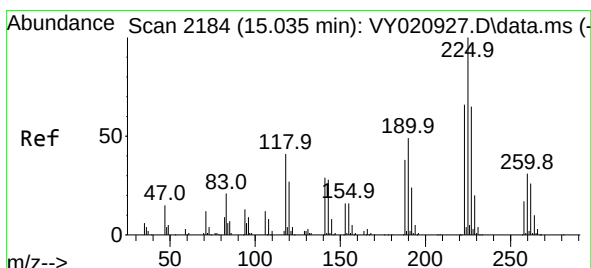
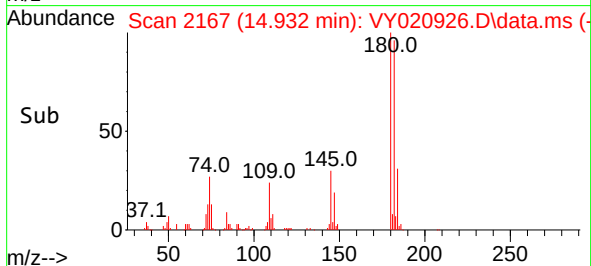
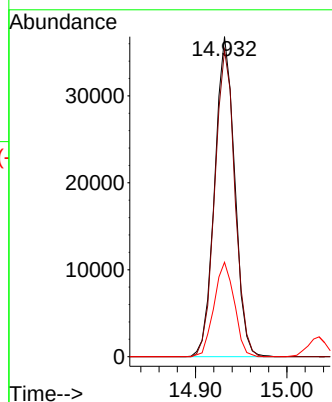
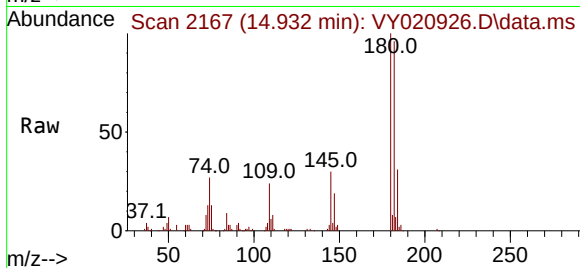
Tgt Ion:180 Resp: 55951

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 29.9 14.9 44.5



#94

Hexachlorobutadiene

Concen: 21.908 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

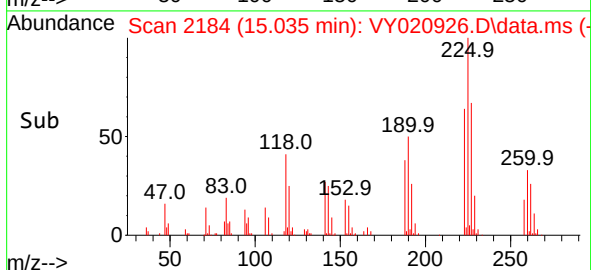
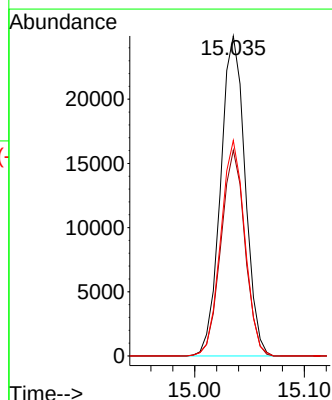
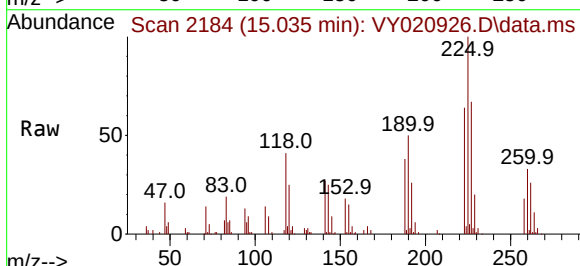
Tgt Ion:225 Resp: 38695

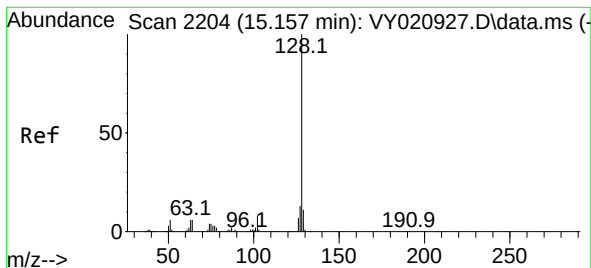
Ion Ratio Lower Upper

225 100

223 62.9 31.5 94.5

227 66.0 31.9 95.9





#95

Naphthalene

Concen: 22.650 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

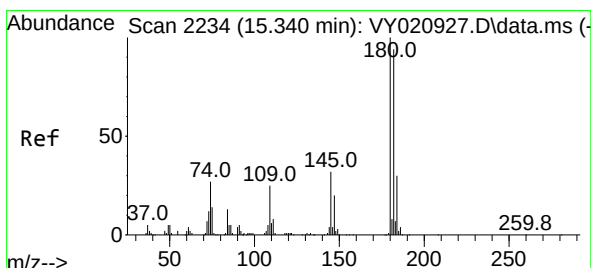
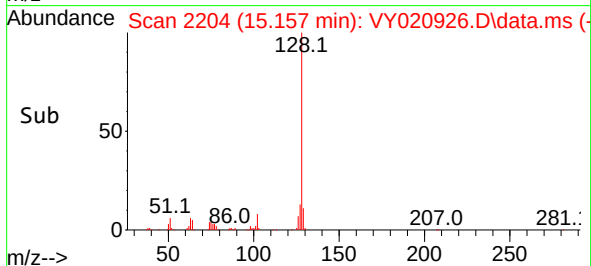
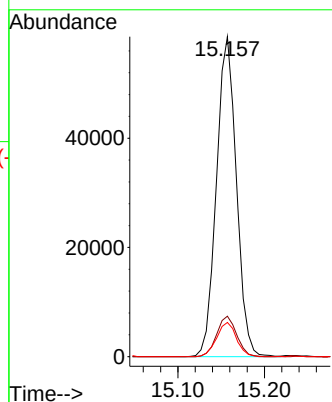
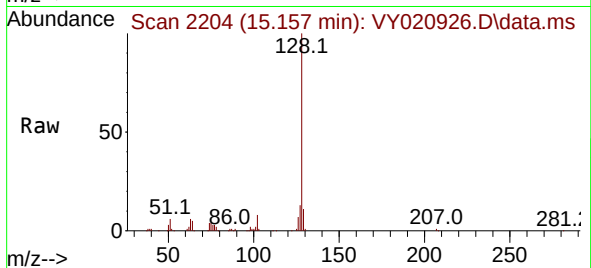
Tgt Ion:128 Resp: 93766

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.052 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020926.D

Acq: 24 Jan 2025 13:34

Tgt Ion:180 Resp: 47828

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 31.1 15.7 47.0

