

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020959.D
 Acq On : 29 Jan 2025 10:15
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 30 00:32:06 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	7.713	168	265317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	387719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	333022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	166093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104717	49.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.640	113	107805	48.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.115	98	416725	48.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.414	95	140062	48.746	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	43677	21.765	ug/l	100
3) Chloromethane	2.080	50	34168	22.893	ug/l	99
4) Vinyl Chloride	2.214	62	35418	21.773	ug/l	100
5) Bromomethane	2.605	94	23713	21.523	ug/l	97
6) Chloroethane	2.745	64	20838	21.835	ug/l	95
7) Trichlorofluoromethane	3.068	101	74479	21.549	ug/l	99
8) Diethyl Ether	3.464	74	22327	21.019	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	49244	21.594	ug/l	98
10) Methyl Iodide	4.019	142	51945	19.113	ug/l	100
11) Tert butyl alcohol	4.866	59	18746	114.794	ug/l #	93
12) 1,1-Dichloroethene	3.806	96	45929	21.326	ug/l	92
13) Acrolein	3.665	56	24550	110.895	ug/l	95
14) Allyl chloride	4.397	41	63894	21.256	ug/l	99
15) Acrylonitrile	5.068	53	46560	111.508	ug/l	99
16) Acetone	3.879	43	32588	113.702	ug/l	97
17) Carbon Disulfide	4.117	76	141133	21.220	ug/l	99
18) Methyl Acetate	4.397	43	22577	21.806	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	106206	21.291	ug/l	100
20) Methylene Chloride	4.629	84	45219	21.214	ug/l	97
21) trans-1,2-Dichloroethene	5.129	96	49069	21.132	ug/l	99
22) Diisopropyl ether	6.031	45	132492	21.913	ug/l	96
23) Vinyl Acetate	5.970	43	369765	110.500	ug/l	99
24) 1,1-Dichloroethane	5.927	63	82865	21.620	ug/l	97
25) 2-Butanone	6.909	43	54600	112.462	ug/l	98
26) 2,2-Dichloropropane	6.903	77	79495	21.057	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	55288	21.098	ug/l	99
28) Bromochloromethane	7.256	49	33793	21.907	ug/l	97
29) Tetrahydrofuran	7.274	42	37053	114.515	ug/l	98
30) Chloroform	7.433	83	87458	21.560	ug/l	96
31) Cyclohexane	7.707	56	78437	20.822	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	83954	21.337	ug/l	99
36) 1,1-Dichloropropene	7.841	75	65356	21.031	ug/l	99
37) Ethyl Acetate	7.000	43	25514	21.161	ug/l	99
38) Carbon Tetrachloride	7.823	117	79994	21.345	ug/l	99
39) Methylcyclohexane	9.116	83	86162	20.480	ug/l	98
40) Benzene	8.091	78	196766	21.582	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13351	20.961	ug/l #	90
42) 1,2-Dichloroethane	8.165	62	50207	22.132	ug/l	97
43) Isopropyl Acetate	8.207	43	50693	22.172	ug/l	99
44) Trichloroethene	8.872	130	52452	21.177	ug/l	100
45) 1,2-Dichloropropane	9.146	63	44151	21.938	ug/l	94
46) Dibromomethane	9.238	93	25063	21.906	ug/l	99
47) Bromodichloromethane	9.427	83	64448	21.171	ug/l	96
48) Methyl methacrylate	9.225	41	23506	21.794	ug/l	100
49) 1,4-Dioxane	9.238	88	5750	488.111	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	128572	111.526	ug/l	99
52) Toluene	10.176	92	125862	21.465	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	60382	21.633	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	70840	21.255	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	34550	22.340	ug/l	98
56) Ethyl methacrylate	10.445	69	42741	21.088	ug/l	98
57) 1,3-Dichloropropane	10.725	76	56669	21.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	94493	102.721	ug/l	100
59) 2-Hexanone	10.768	43	82850	111.761	ug/l	97
60) Dibromochloromethane	10.920	129	47532	21.838	ug/l	98
61) 1,2-Dibromoethane	11.024	107	31944	21.596	ug/l	98
64) Tetrachloroethene	10.652	164	48579	20.961	ug/l	97
65) Chlorobenzene	11.451	112	136188	20.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	48291	20.868	ug/l	100
67) Ethyl Benzene	11.524	91	236165	20.783	ug/l	99
68) m/p-Xylenes	11.633	106	184504	42.403	ug/l	100
69) o-Xylene	11.963	106	85611	21.063	ug/l	99
70) Styrene	11.975	104	143357	21.522	ug/l	100
71) Bromoform	12.139	173	28443	21.706	ug/l #	100
73) Isopropylbenzene	12.261	105	229911	20.099	ug/l	100
74) N-amyl acetate	12.078	43	41194	20.237	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	37082	20.835	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	48550	41.342	ug/l #	100
77) Bromobenzene	12.542	156	54571	20.351	ug/l	99
78) n-propylbenzene	12.603	91	270814	20.324	ug/l	100
79) 2-Chlorotoluene	12.688	91	152236	20.144	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	187301	20.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	12483	20.537	ug/l	98
82) 4-Chlorotoluene	12.786	91	159674	20.691	ug/l	100
83) tert-Butylbenzene	13.005	119	165862	19.564	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	185407	20.490	ug/l	100
85) sec-Butylbenzene	13.182	105	243845	20.173	ug/l	100
86) p-Isopropyltoluene	13.298	119	205617	20.135	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	105632	20.572	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	103693	20.558	ug/l	98
89) n-Butylbenzene	13.627	91	181149	20.110	ug/l	100
90) Hexachloroethane	13.889	117	40522	19.975	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	92630	20.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5442	20.354	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	51096	19.093	ug/l	98
94) Hexachlorobutadiene	15.035	225	35103	19.172	ug/l	99
95) Naphthalene	15.157	128	83166	19.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	43772	19.468	ug/l	99

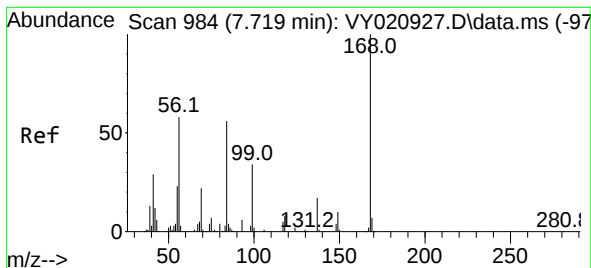
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QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020959.D

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Instrument :

MSVOA_Y

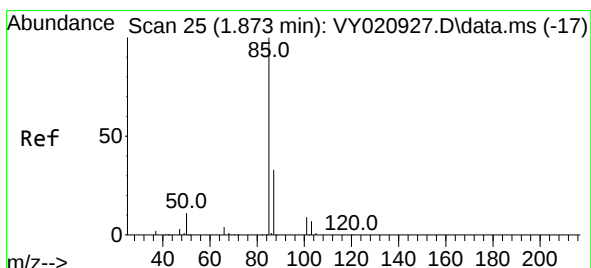
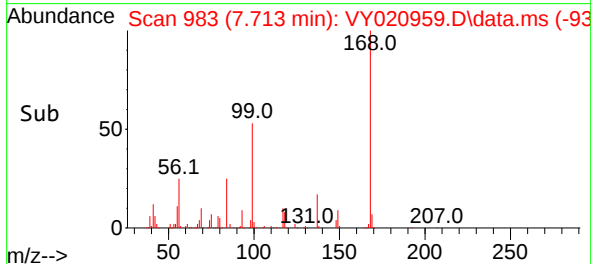
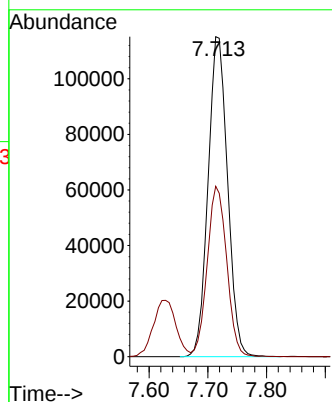
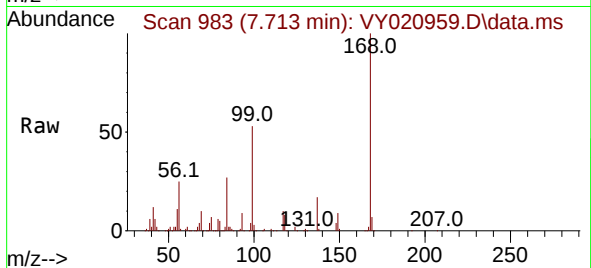
ClientSampleId :

Tgt Ion:168 Resp: 265317

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 21.765 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.000 min

Lab File: VY020959.D

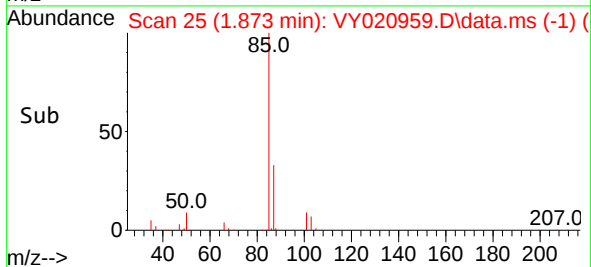
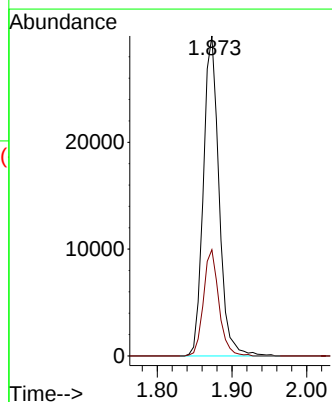
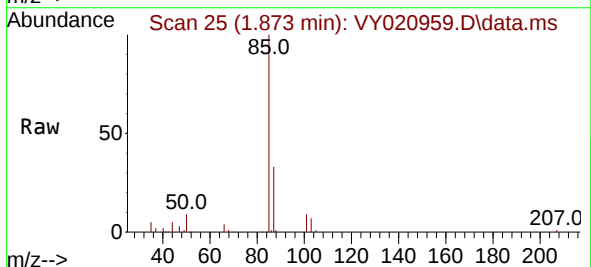
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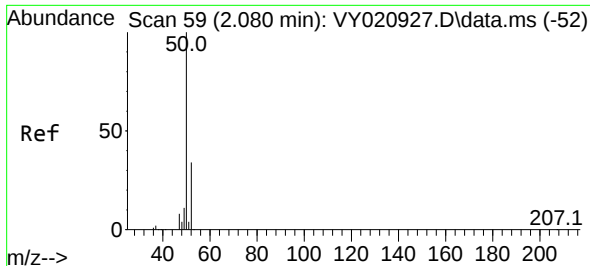
Tgt Ion: 85 Resp: 43677

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8

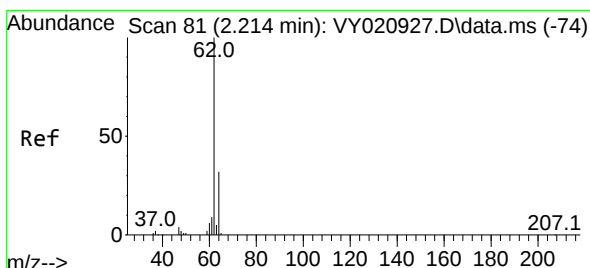
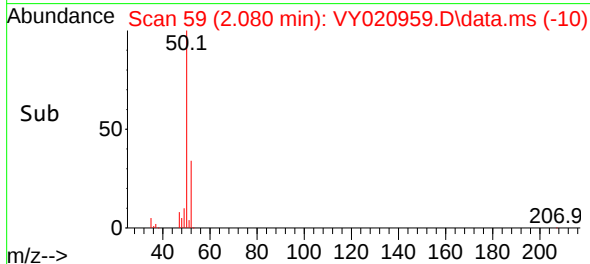
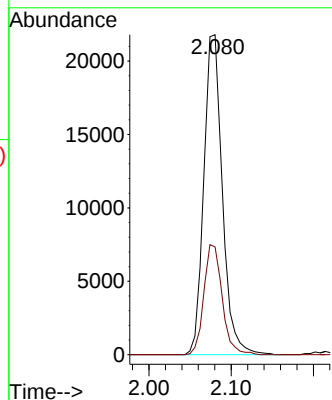
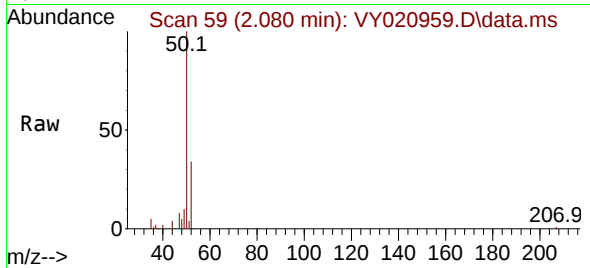




#3
Chloromethane
Concen: 22.893 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

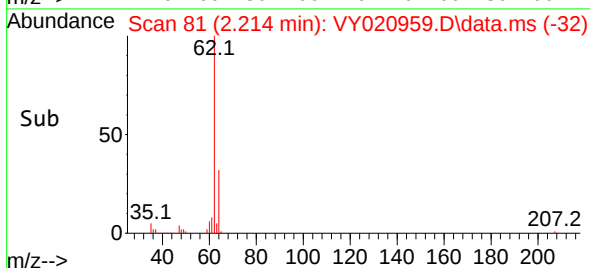
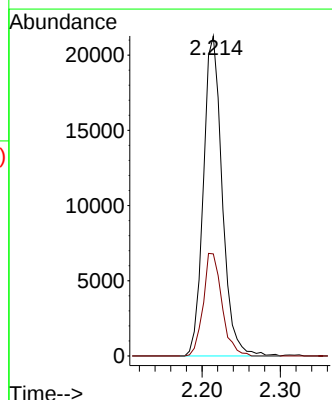
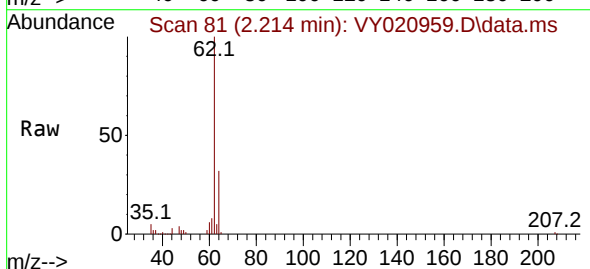
Instrument :
MSVOA_Y
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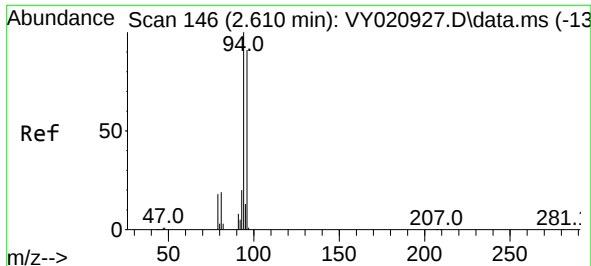
Tgt Ion: 50 Resp: 34168
Ion Ratio Lower Upper
50 100
52 33.7 27.4 41.0



#4
Vinyl Chloride
Concen: 21.773 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 62 Resp: 35418
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5

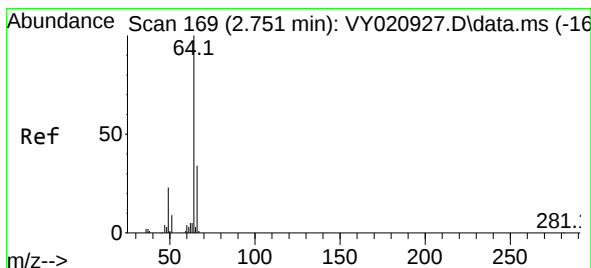
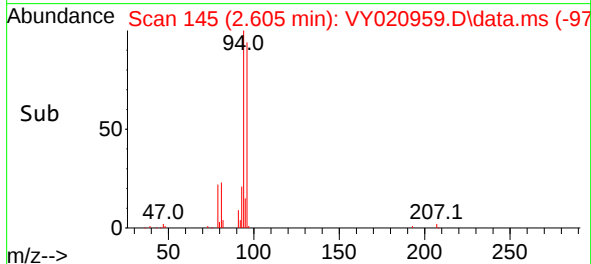
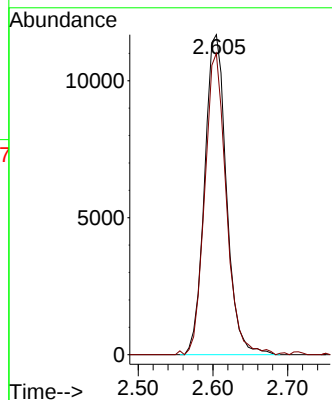
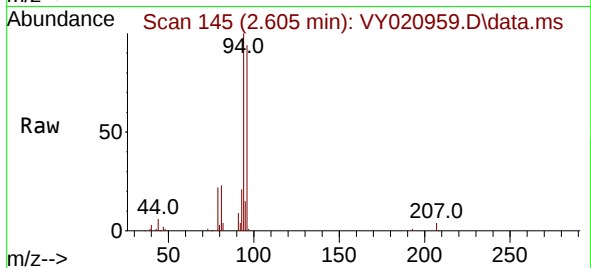




#5
Bromomethane
Concen: 21.523 ug/l
RT: 2.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

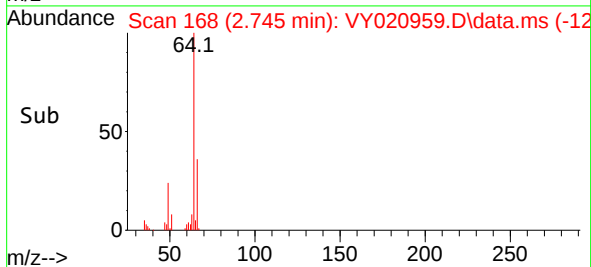
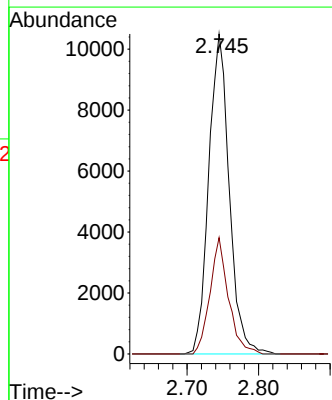
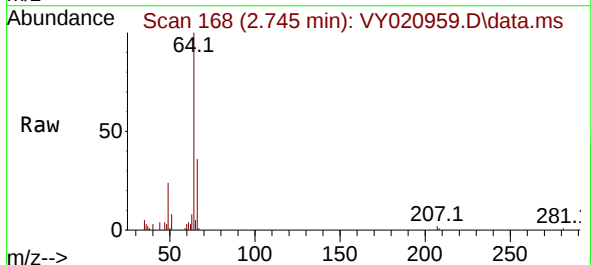
Instrument :
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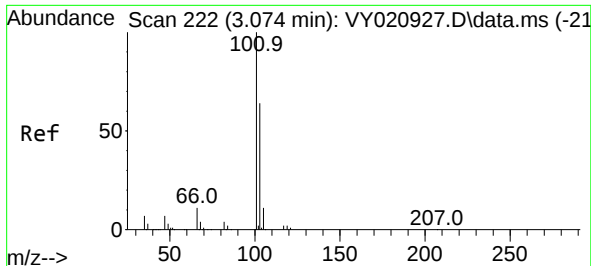
Tgt Ion: 94 Resp: 23713
Ion Ratio Lower Upper
94 100
96 93.7 72.6 109.0



#6
Chloroethane
Concen: 21.835 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

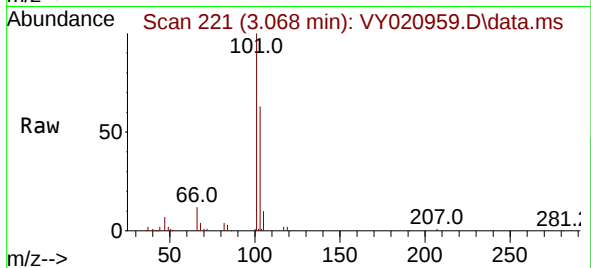
Tgt Ion: 64 Resp: 20838
Ion Ratio Lower Upper
64 100
66 36.3 26.9 40.3



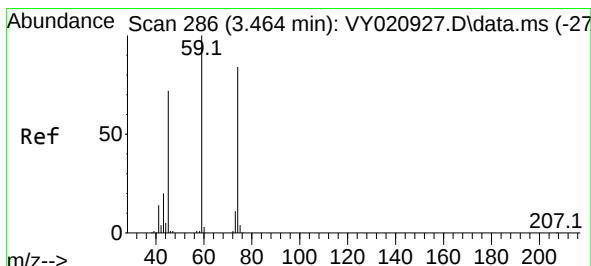
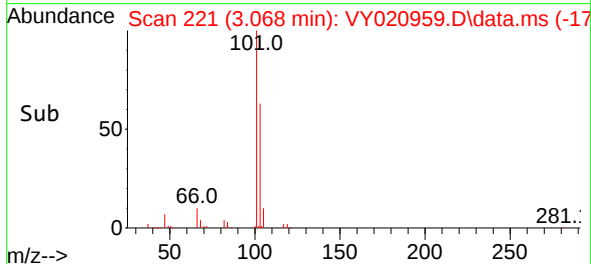
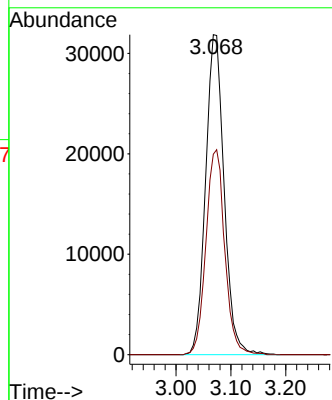


#7
 Trichlorofluoromethane
 Concen: 21.549 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Instrument :
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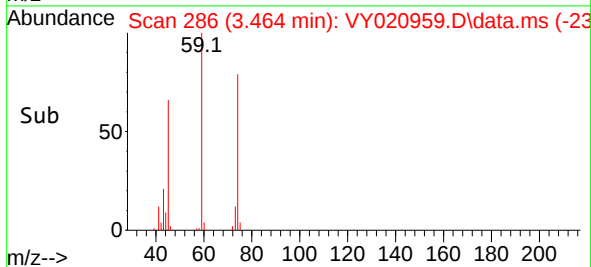
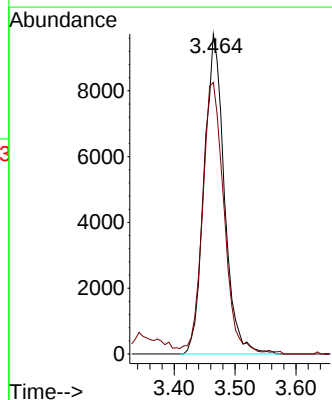
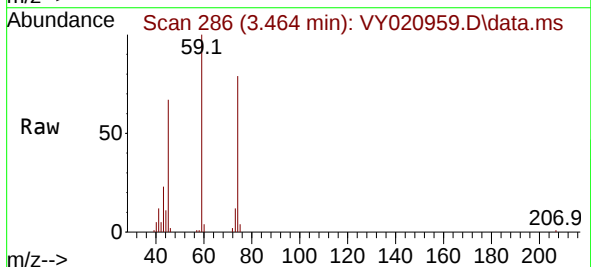


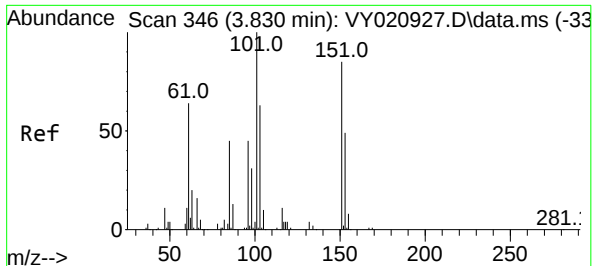
Tgt Ion:101 Resp: 74479
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.0 76.4



#8
 Diethyl Ether
 Concen: 21.019 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 74 Resp: 22327
 Ion Ratio Lower Upper
 74 100
 45 88.8 45.1 135.2

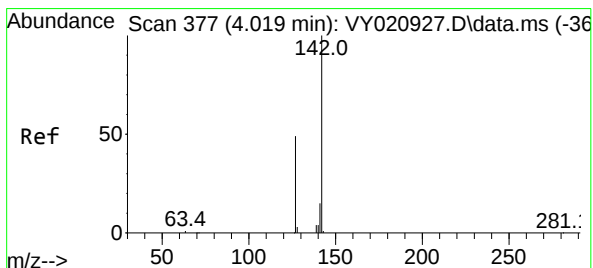
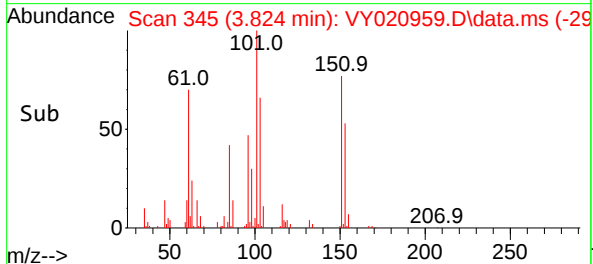
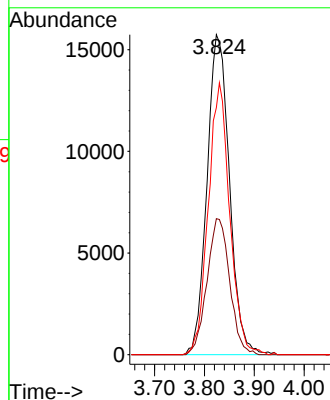
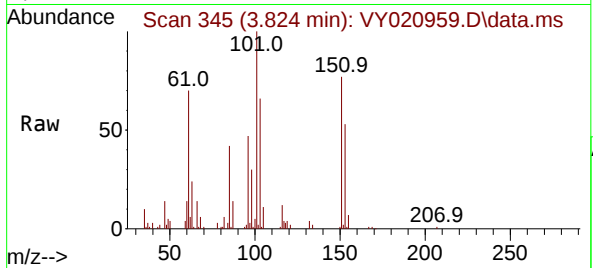




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.594 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

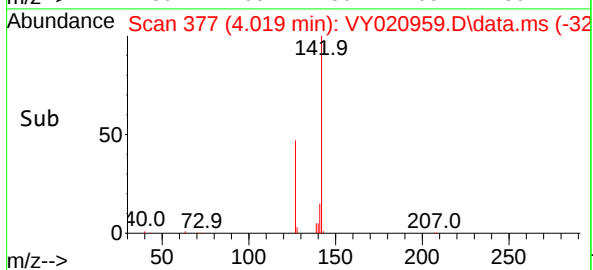
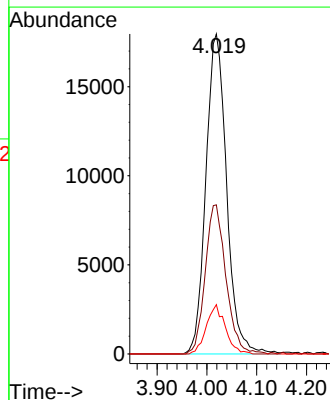
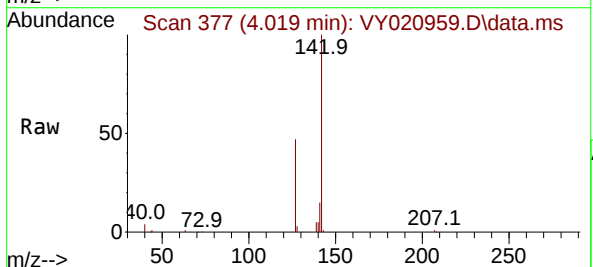
Instrument :
MSVOA_Y
ClientSampleId :

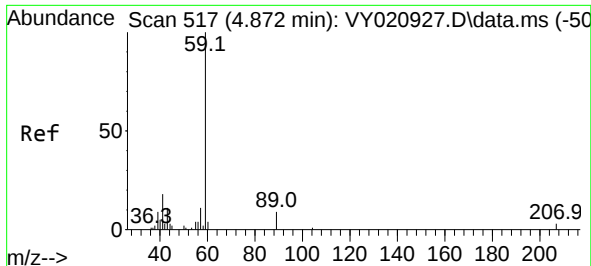
Tgt Ion:101 Resp: 49244
Ion Ratio Lower Upper
101 100
85 43.0 35.4 53.2
151 81.3 66.3 99.5



#10
Methyl Iodide
Concen: 19.113 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

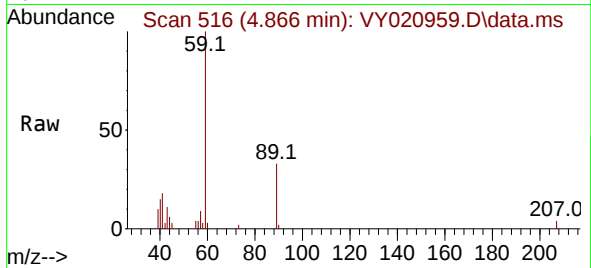
Tgt Ion:142 Resp: 51945
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.1 11.4 17.2



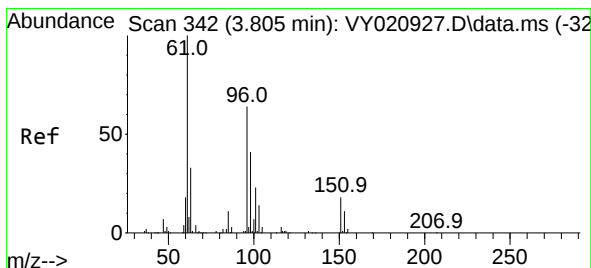
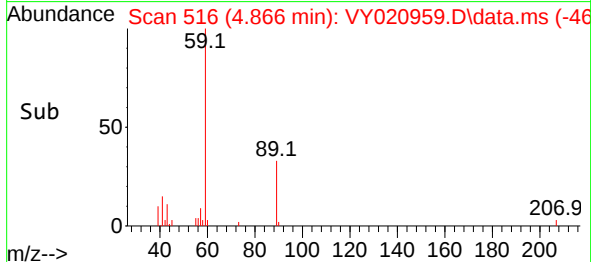
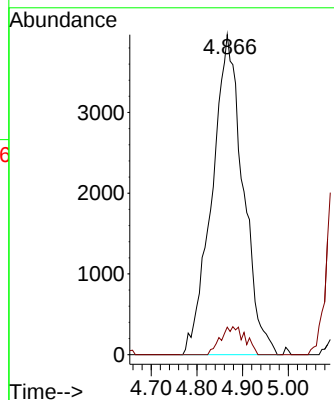


#11
Tert butyl alcohol
Concen: 114.794 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Instrument :
MSVOA_Y
ClientSampleId :

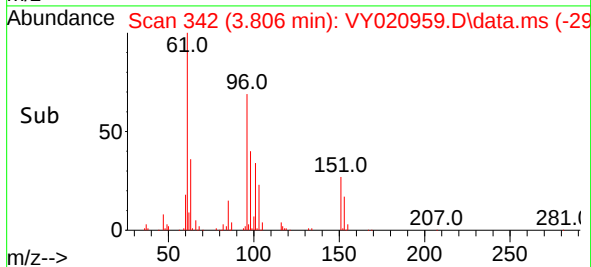
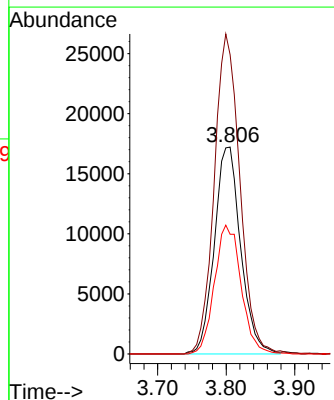
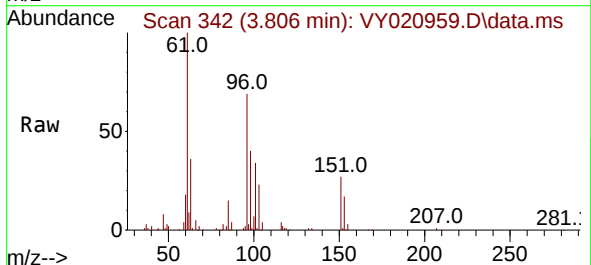


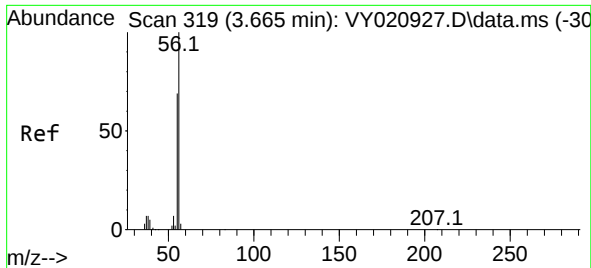
Tgt Ion: 59 Resp: 18746
Ion Ratio Lower Upper
59 100
57 6.9 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.326 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 96 Resp: 45929
Ion Ratio Lower Upper
96 100
61 144.7 124.5 186.7
98 57.9 50.5 75.7

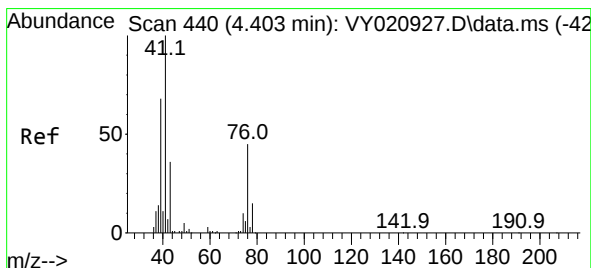
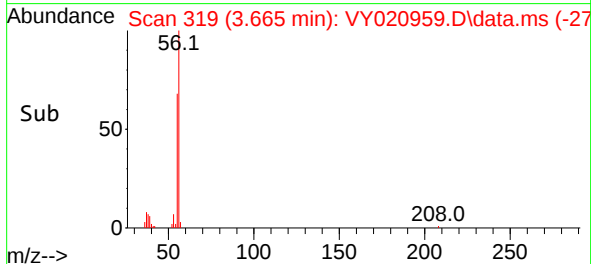
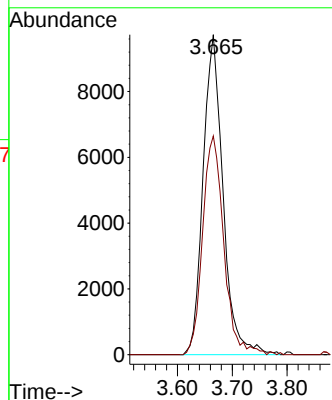
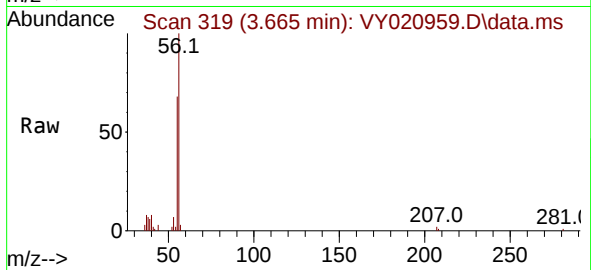




#13
Acrolein
Concen: 110.895 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

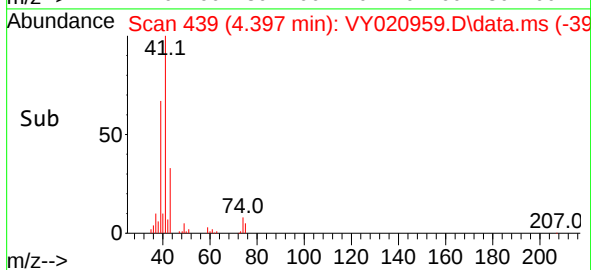
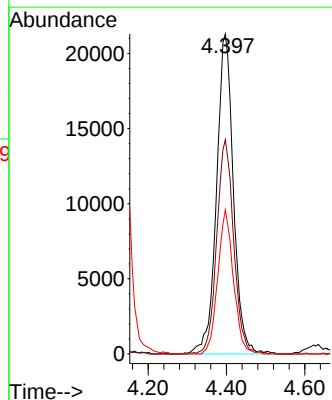
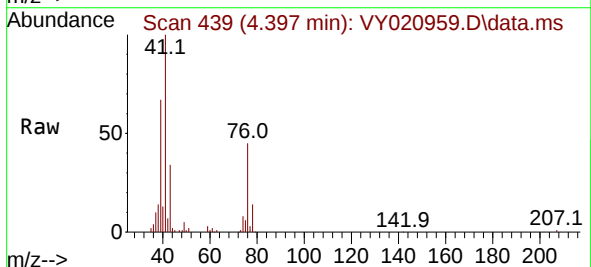
Instrument :
MSVOA_Y
ClientSampleId :

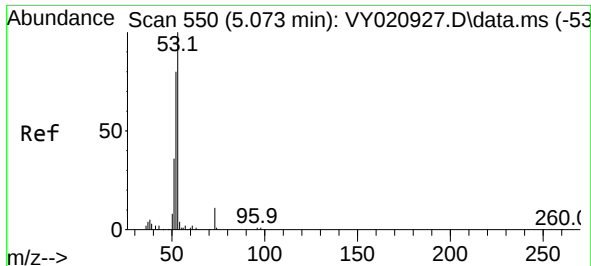
Tgt Ion: 56 Resp: 24550
Ion Ratio Lower Upper
56 100
55 72.3 54.6 81.8



#14
Allyl chloride
Concen: 21.256 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 41 Resp: 63894
Ion Ratio Lower Upper
41 100
39 67.1 53.8 80.6
76 41.7 34.2 51.4

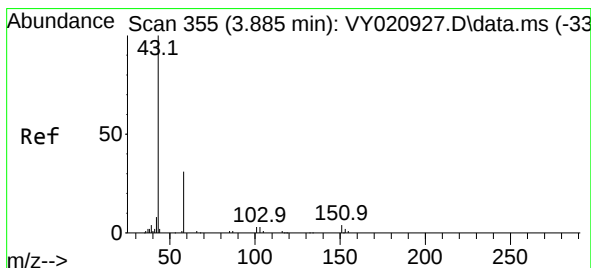
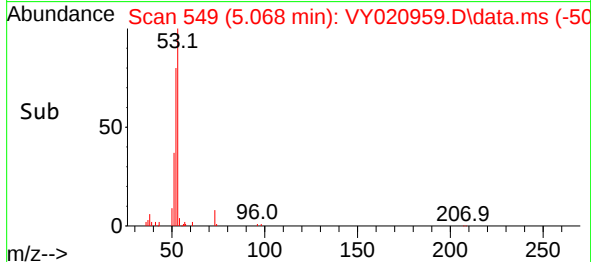
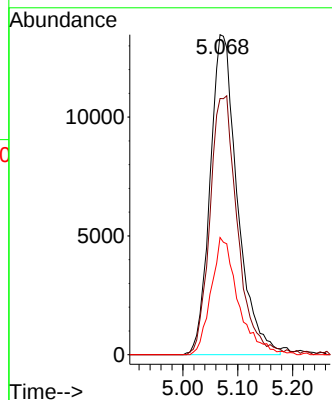
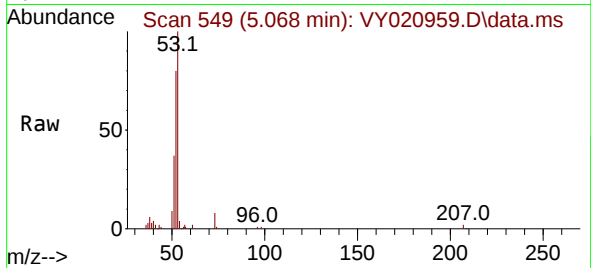




#15
Acrylonitrile
Concen: 111.508 ug/l
RT: 5.068 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

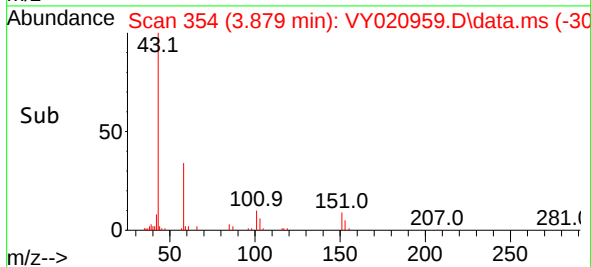
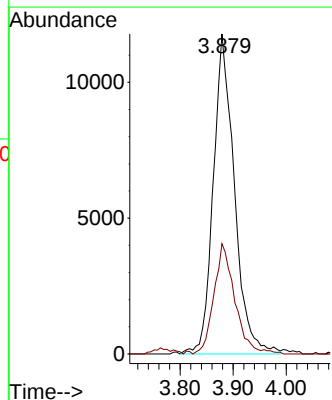
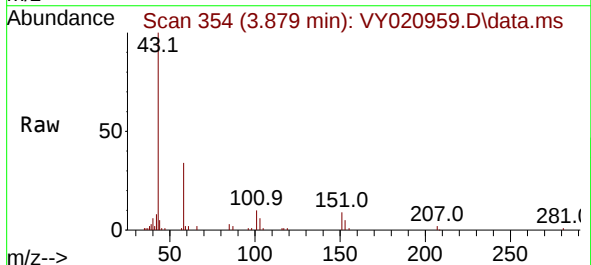
Instrument :
MSVOA_Y
ClientSampleId :

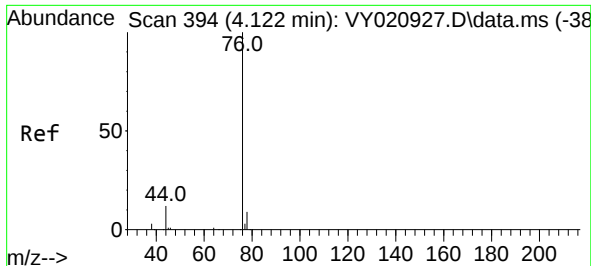
Tgt Ion: 53 Resp: 46560
Ion Ratio Lower Upper
53 100
52 82.0 64.5 96.7
51 36.5 28.9 43.3



#16
Acetone
Concen: 113.702 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 43 Resp: 32588
Ion Ratio Lower Upper
43 100
58 33.9 25.6 38.4

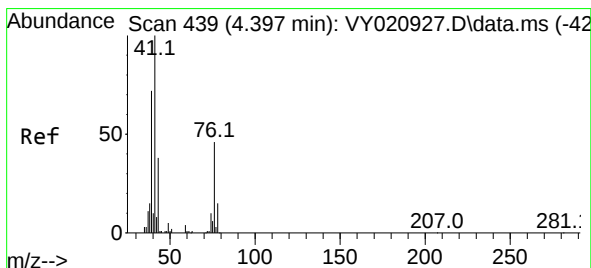
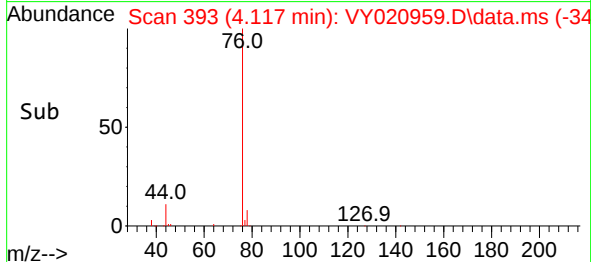
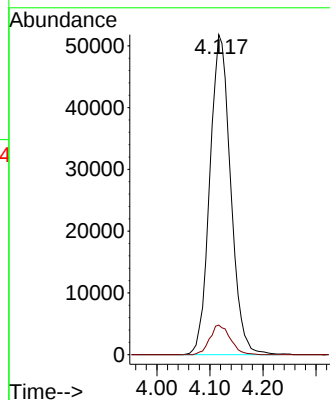
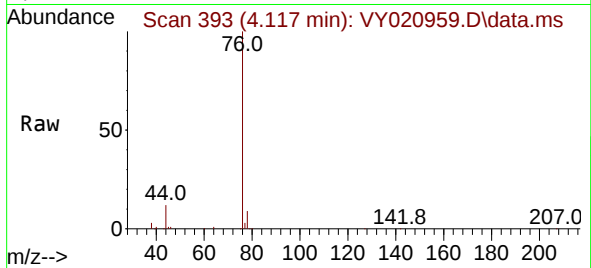




#17
Carbon Disulfide
Concen: 21.220 ug/l
RT: 4.117 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

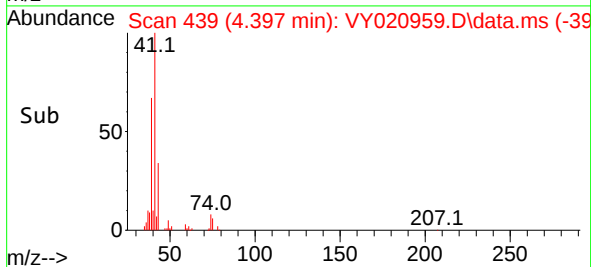
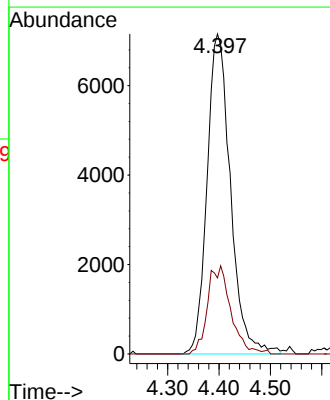
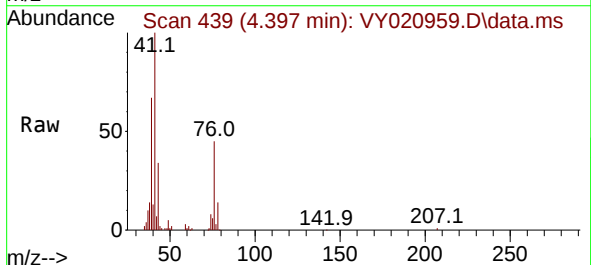
Instrument :
MSVOA_Y
ClientSampleId :

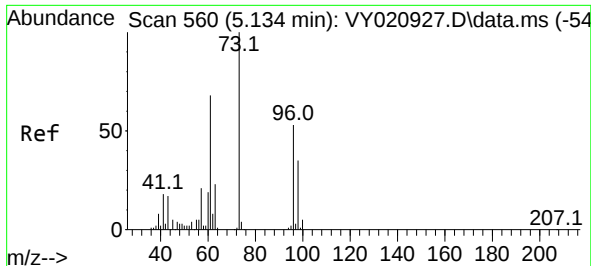
Tgt Ion: 76 Resp: 141133
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.806 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 43 Resp: 22577
Ion Ratio Lower Upper
43 100
74 27.5 21.0 31.6

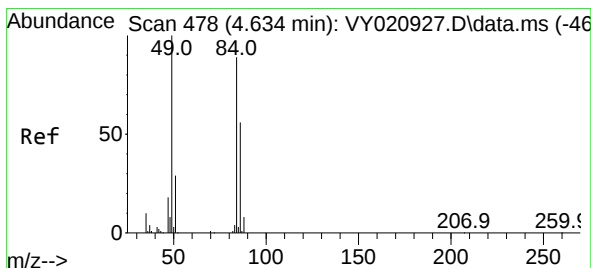
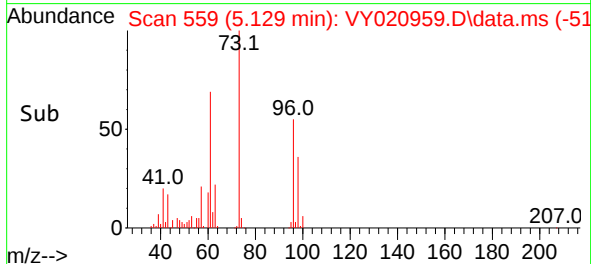
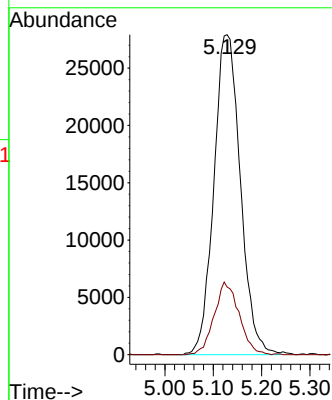
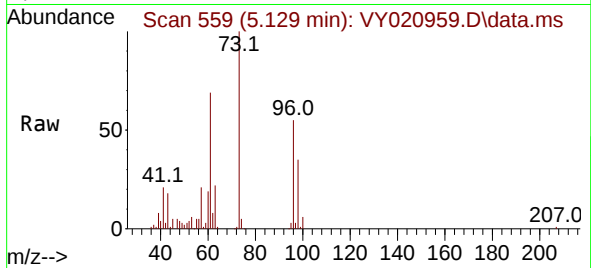




#19
Methyl tert-butyl Ether
Concen: 21.291 ug/l
RT: 5.129 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

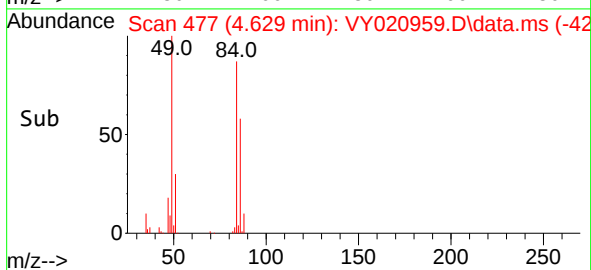
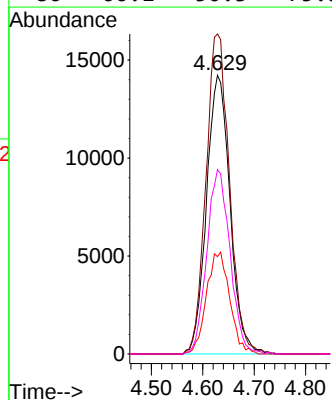
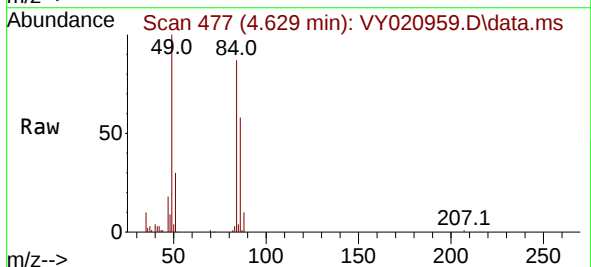
Instrument :
MSVOA_Y
ClientSampleId :

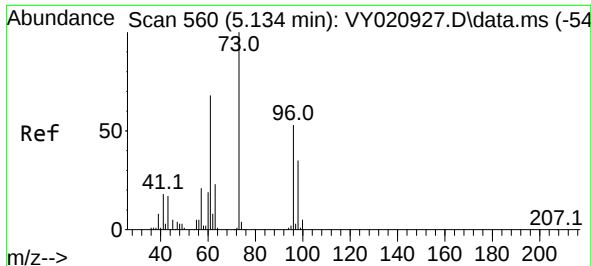
Tgt Ion: 73 Resp: 106206
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 21.214 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

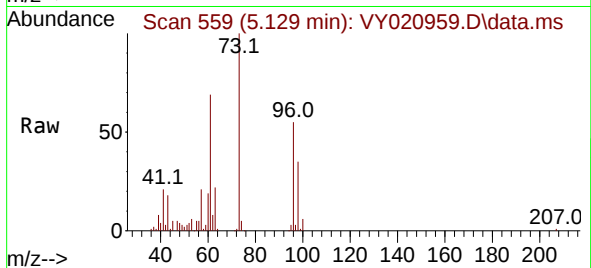
Tgt Ion: 84 Resp: 45219
Ion Ratio Lower Upper
84 100
49 114.8 90.3 135.5
51 34.9 26.6 39.8
86 66.1 50.3 75.5



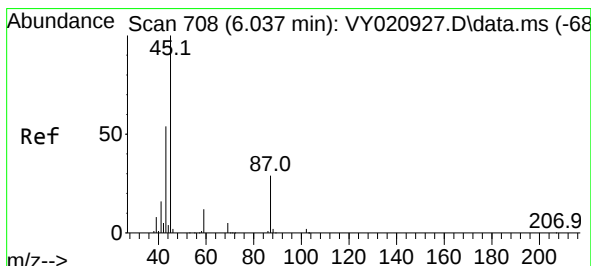
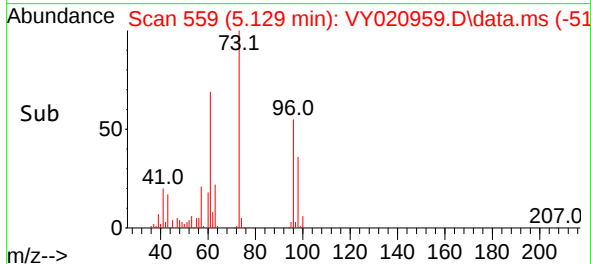
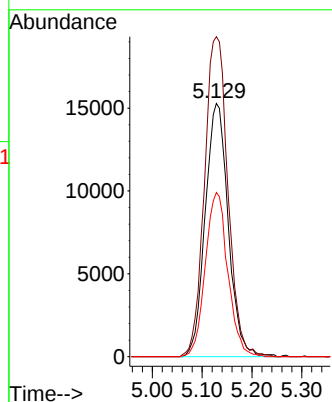


#21
trans-1,2-Dichloroethene
Concen: 21.132 ug/l
RT: 5.129 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Instrument :
MSVOA_Y
ClientSampleId :

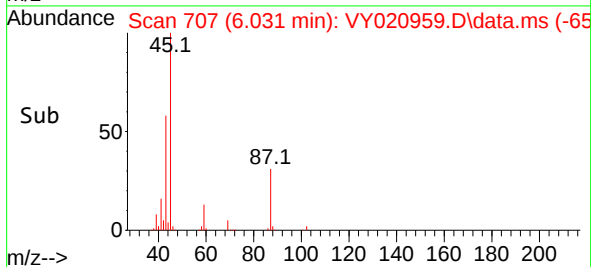
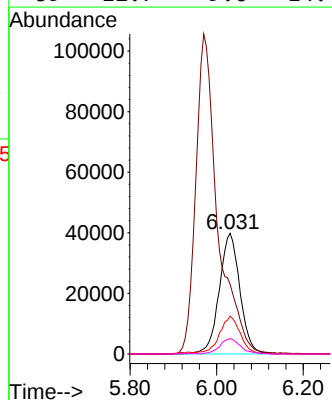
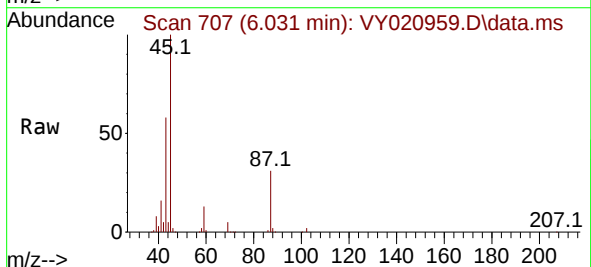


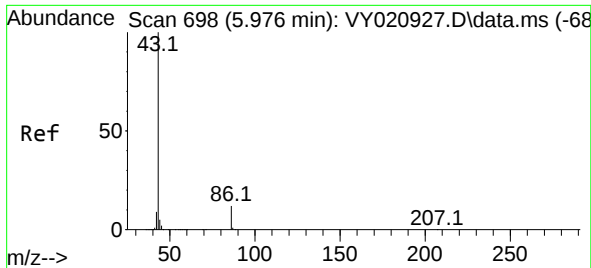
Tgt Ion: 96 Resp: 49069
Ion Ratio Lower Upper
96 100
61 126.3 102.4 153.6
98 64.8 52.0 78.0



#22
Diisopropyl ether
Concen: 21.913 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 45 Resp: 132492
Ion Ratio Lower Upper
45 100
43 56.7 43.2 64.8
87 31.3 23.4 35.0
59 12.7 9.6 14.4

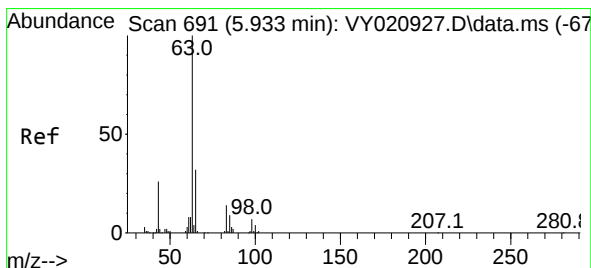
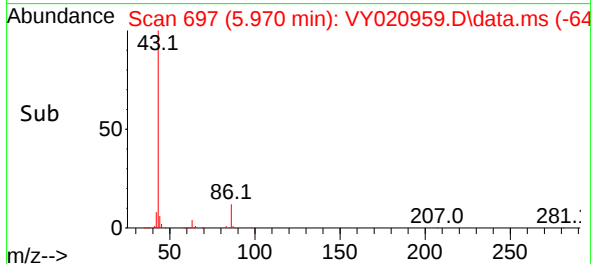
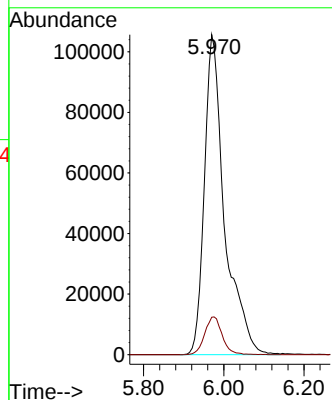
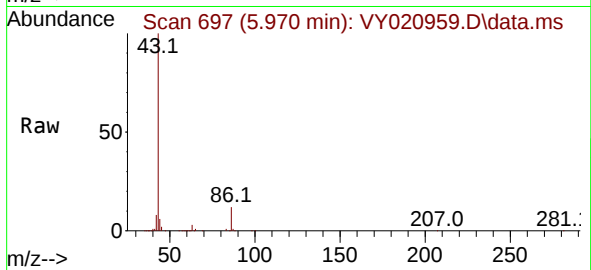




#23
 Vinyl Acetate
 Concen: 110.500 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

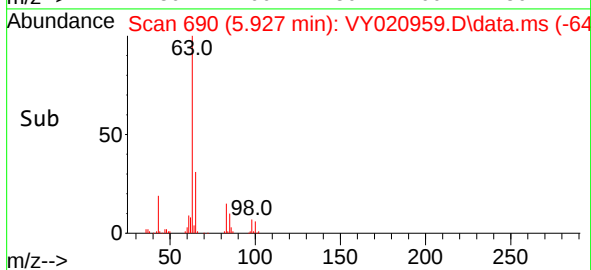
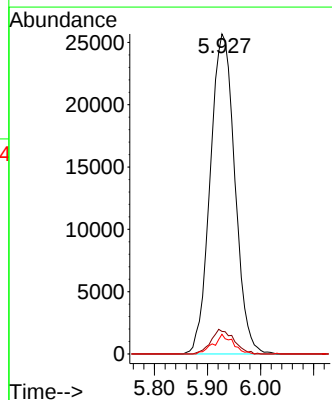
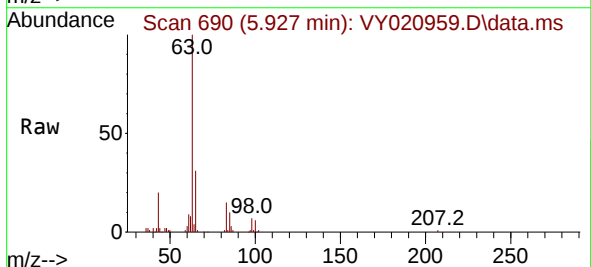
Instrument :
 MSVOA_Y
 ClientSampleId :

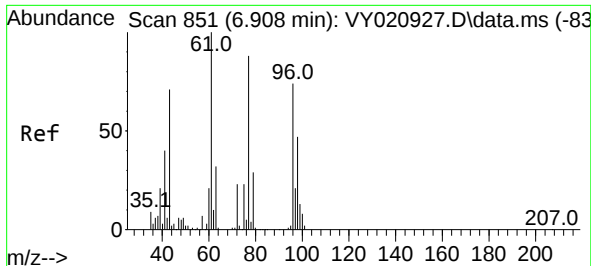
Tgt Ion: 43 Resp: 369765
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 21.620 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 63 Resp: 82865
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 6.2 2.3 6.8





#25

2-Butanone

Concen: 112.462 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

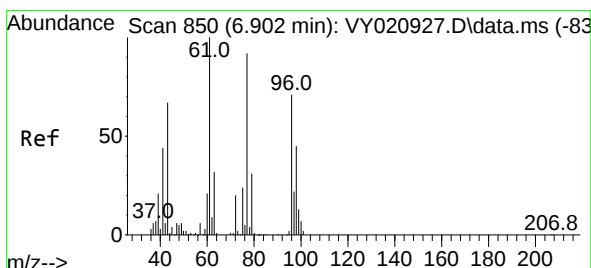
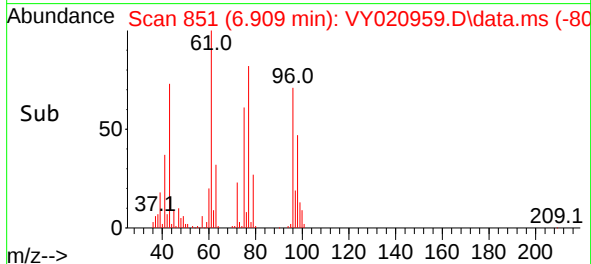
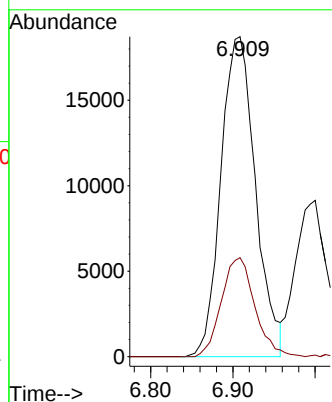
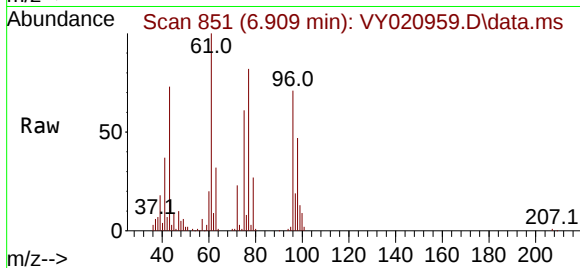
ClientSampleId :

Tgt Ion: 43 Resp: 54600

Ion Ratio Lower Upper

43 100

72 30.9 25.8 38.8



#26

2,2-Dichloropropane

Concen: 21.057 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020959.D

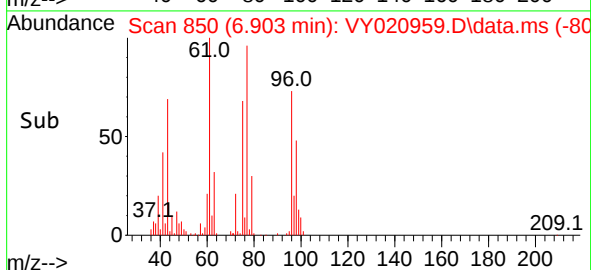
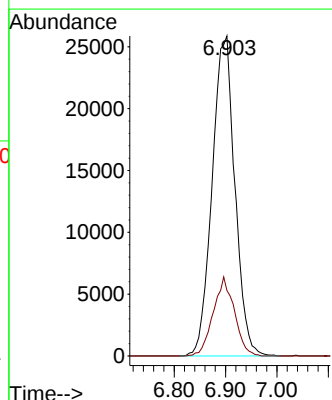
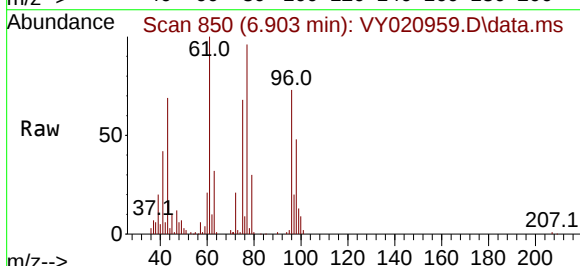
Acq: 29 Jan 2025 10:15

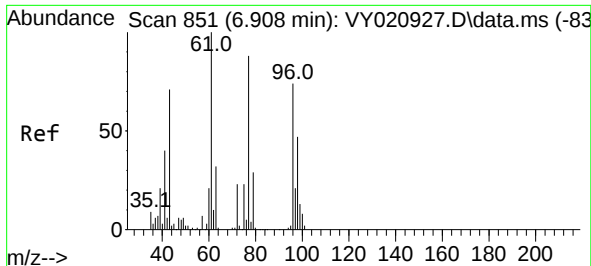
Tgt Ion: 77 Resp: 79495

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1

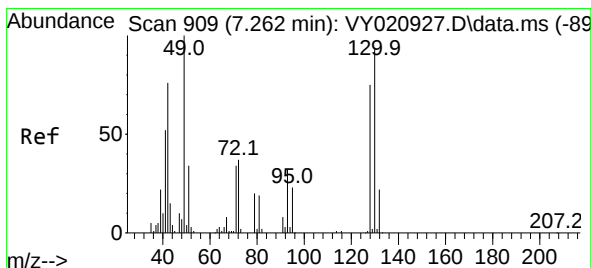
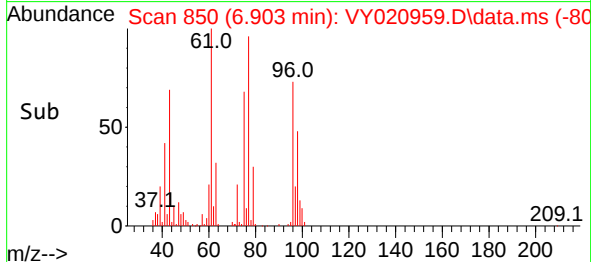
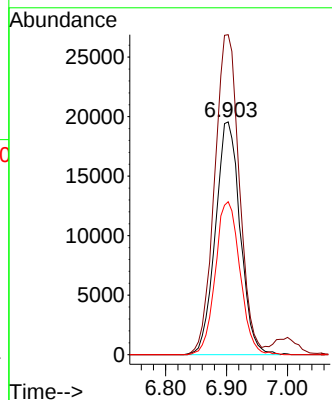
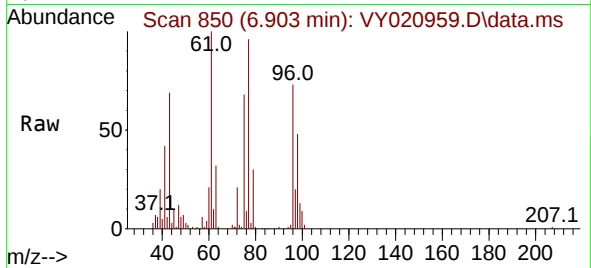




#27
 cis-1,2-Dichloroethene
 Concen: 21.098 ug/l
 RT: 6.903 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

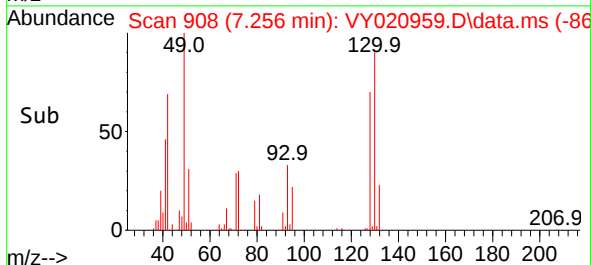
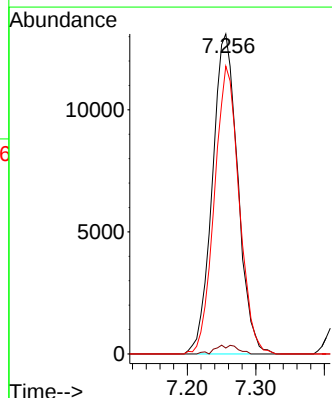
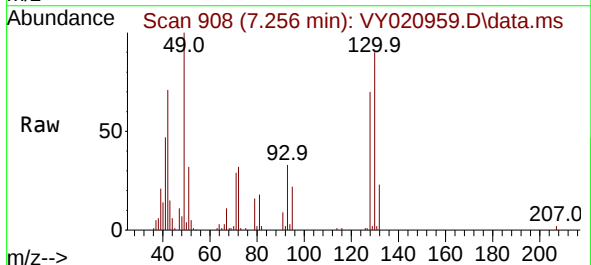
Instrument :
 MSVOA_Y
 ClientSampleId :

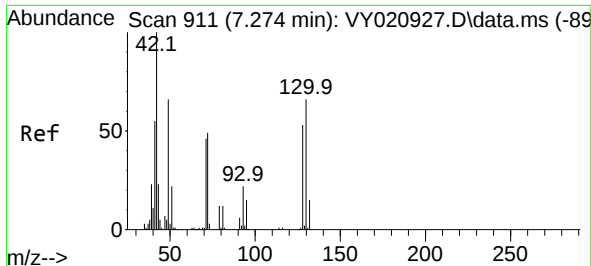
Tgt Ion: 96 Resp: 55288
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 275.2
 98 65.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 21.907 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 49 Resp: 33793
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 87.5 72.6 109.0





#29

Tetrahydrofuran

Concen: 114.515 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

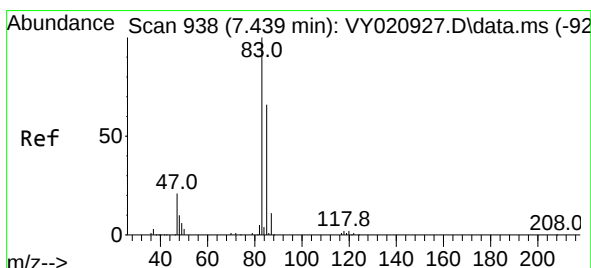
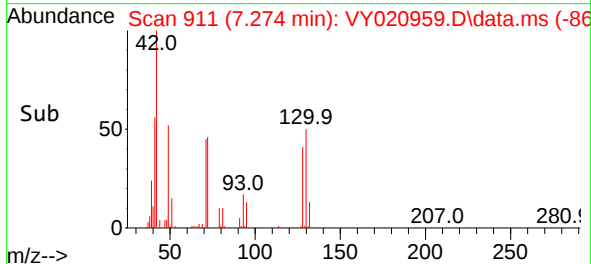
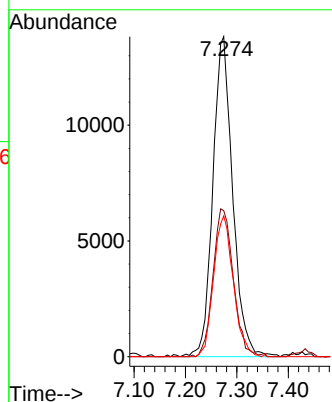
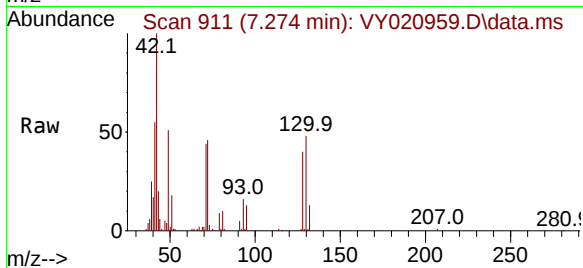
Tgt Ion: 42 Resp: 37053

Ion Ratio Lower Upper

42 100

72 47.2 38.8 58.2

71 43.6 36.4 54.6



#30

Chloroform

Concen: 21.560 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020959.D

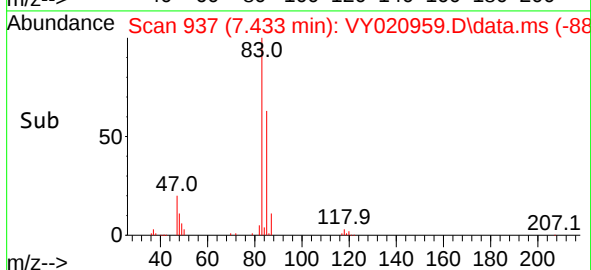
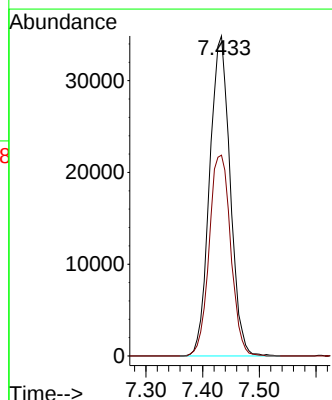
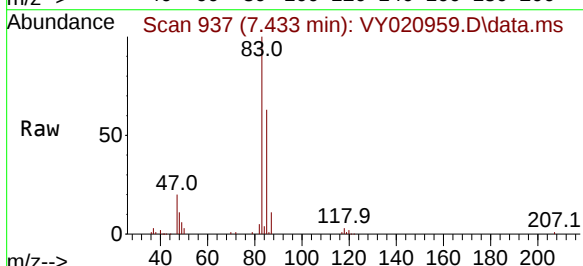
Acq: 29 Jan 2025 10:15

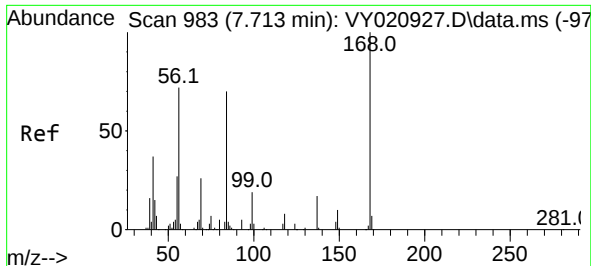
Tgt Ion: 83 Resp: 87458

Ion Ratio Lower Upper

83 100

85 62.7 53.0 79.4

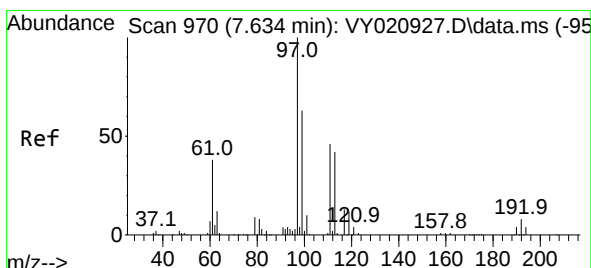
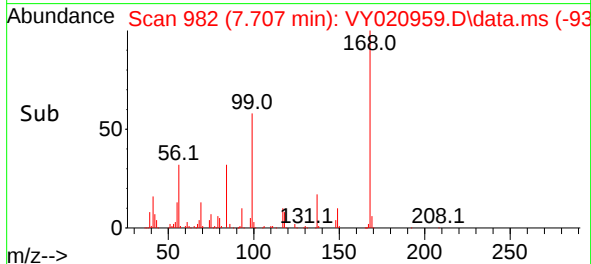
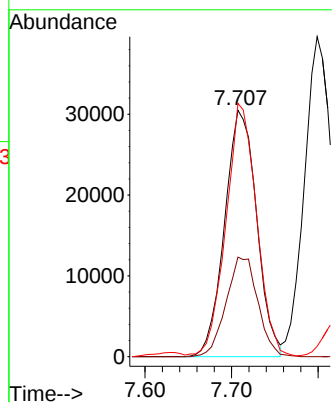
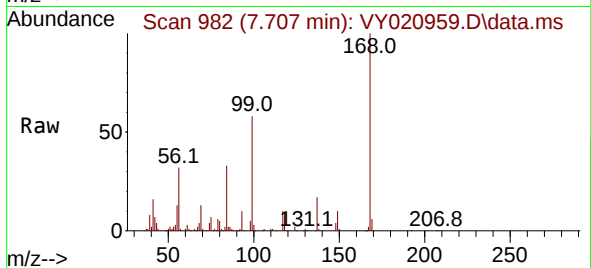




#31
Cyclohexane
Concen: 20.822 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

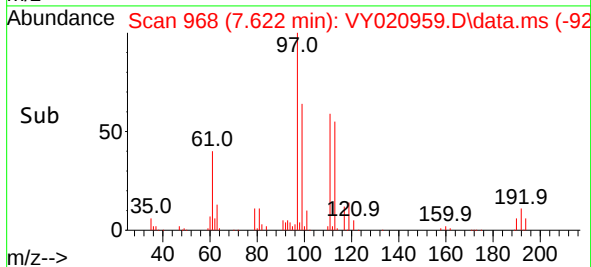
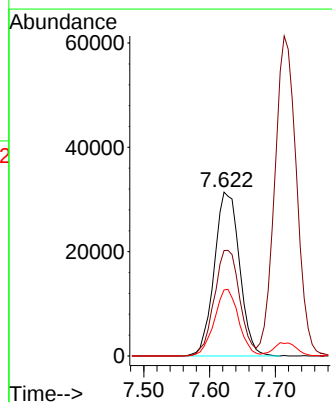
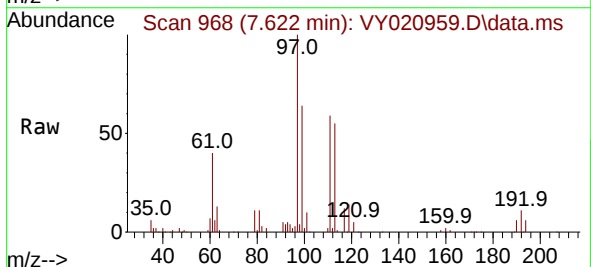
Instrument :
MSVOA_Y
ClientSampleId :

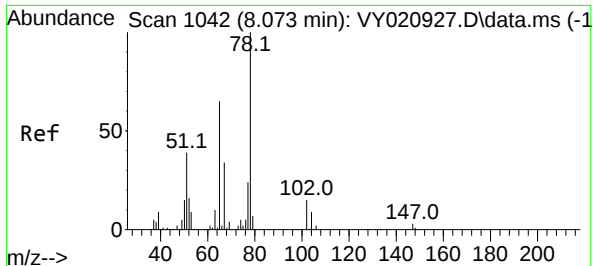
Tgt Ion: 56 Resp: 78437
Ion Ratio Lower Upper
56 100
69 40.4 28.7 43.1
84 101.5 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 21.337 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 97 Resp: 83954
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 39.2 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 49.503 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

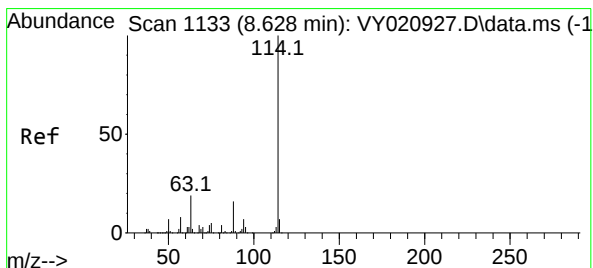
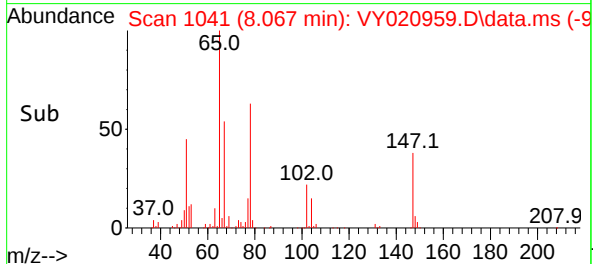
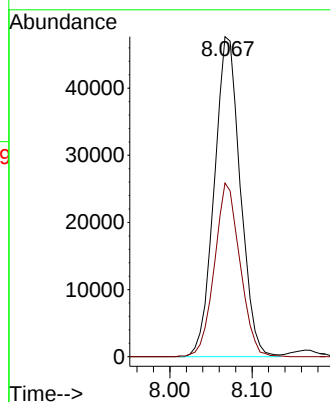
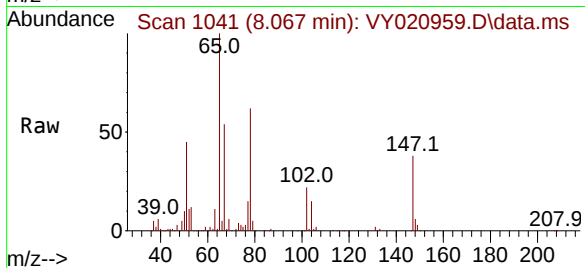
ClientSampleId :

Tgt Ion: 65 Resp: 104717

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

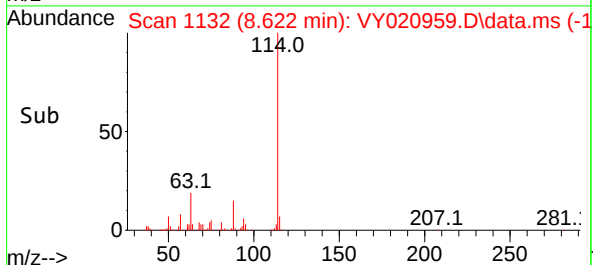
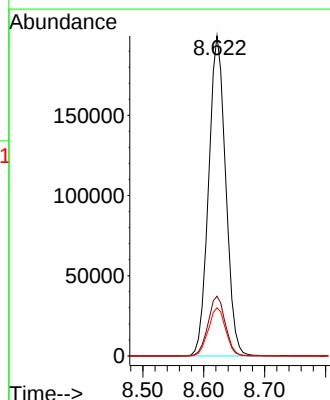
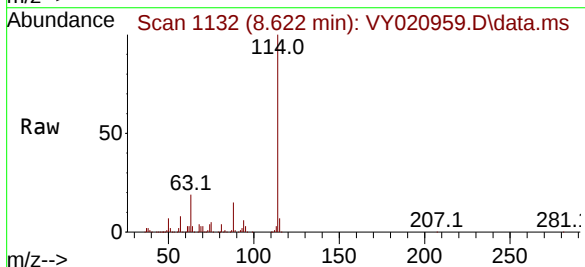
Tgt Ion:114 Resp: 387719

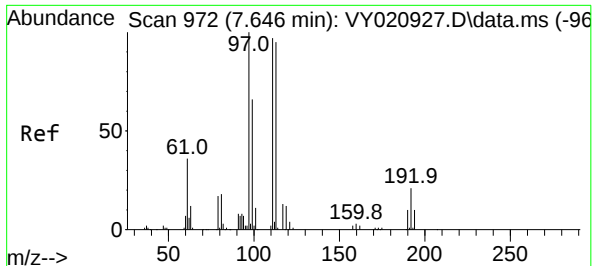
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.0 0.0 31.6

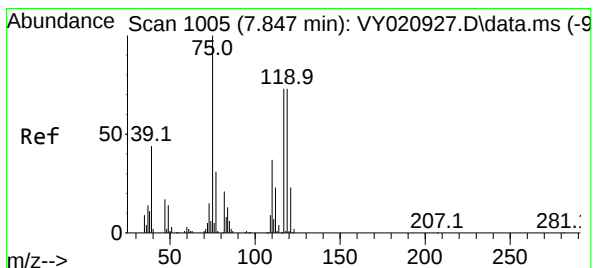
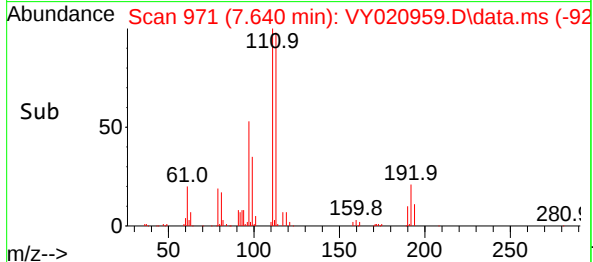
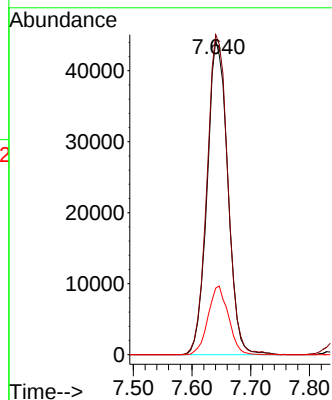
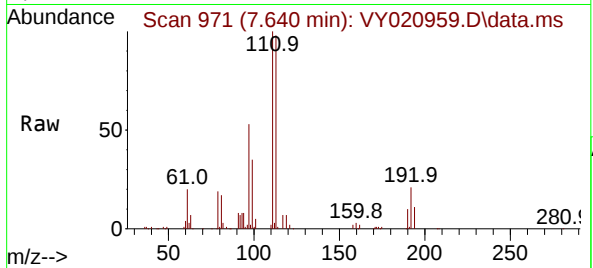




#35
Dibromofluoromethane
Concen: 48.434 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

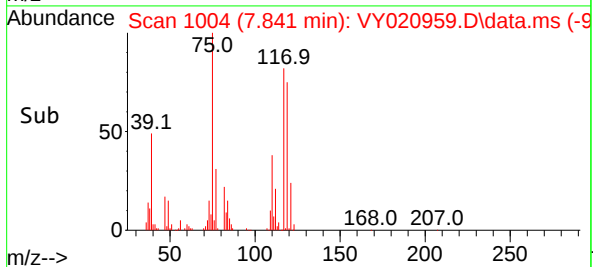
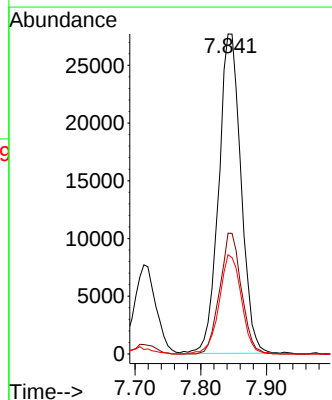
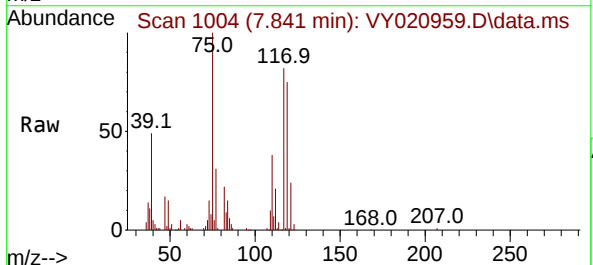
Instrument :
MSVOA_Y
ClientSampleId :

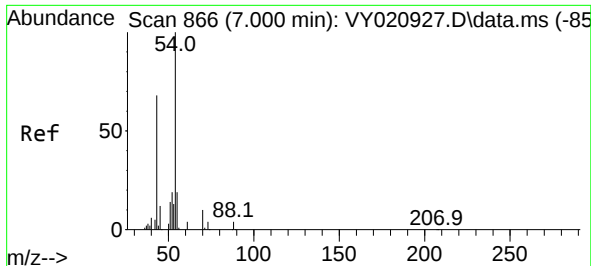
Tgt Ion:113 Resp: 107805
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 21.031 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 75 Resp: 65356
Ion Ratio Lower Upper
75 100
110 36.7 18.5 55.5
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 21.161 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

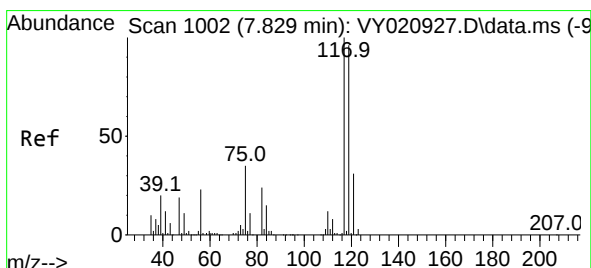
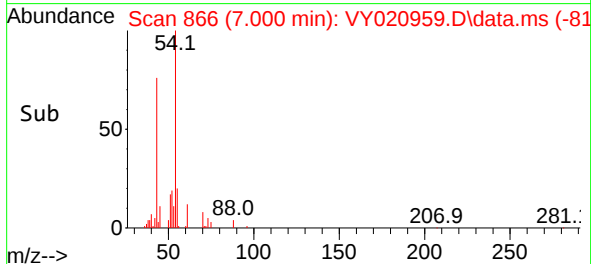
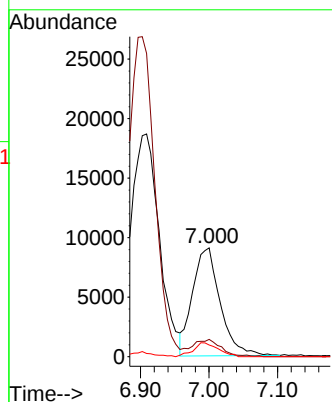
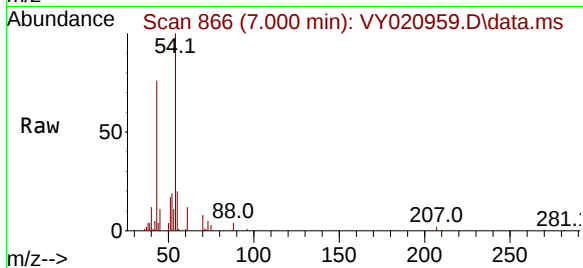
Tgt Ion: 43 Resp: 25514

Ion Ratio Lower Upper

43 100

61 15.2 12.1 18.1

70 11.6 9.5 14.3



#38

Carbon Tetrachloride

Concen: 21.345 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

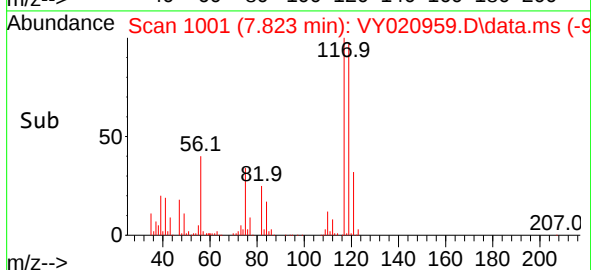
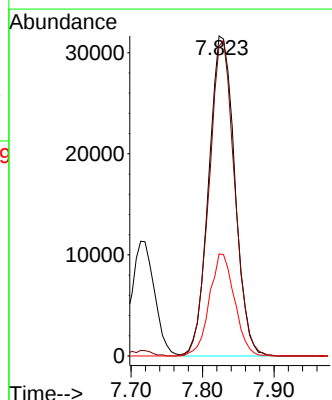
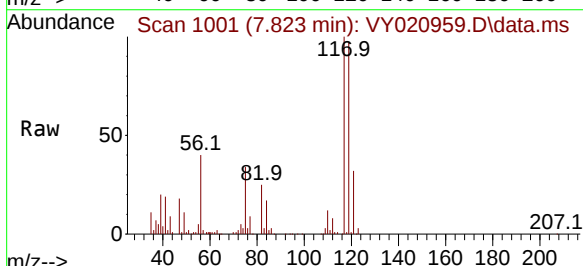
Tgt Ion: 117 Resp: 79994

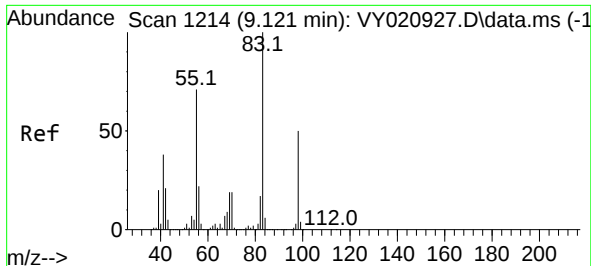
Ion Ratio Lower Upper

117 100

119 96.9 76.5 114.7

121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 20.480 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

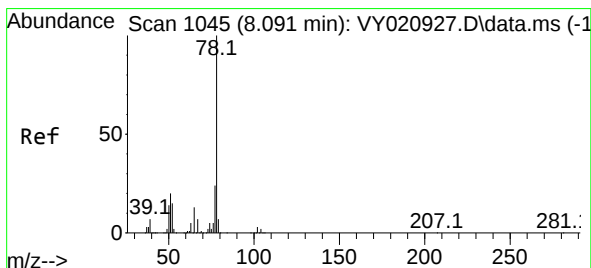
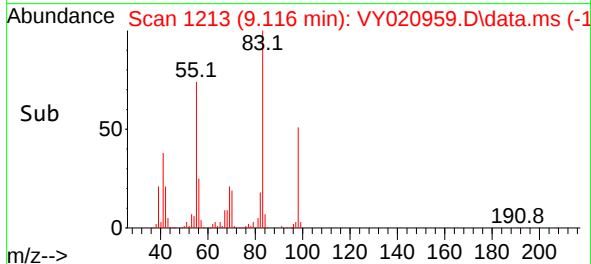
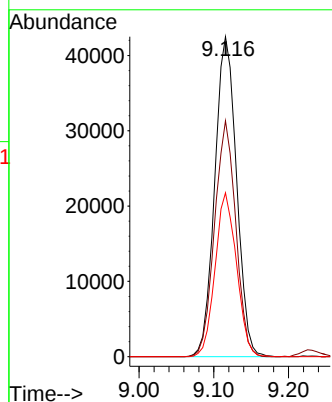
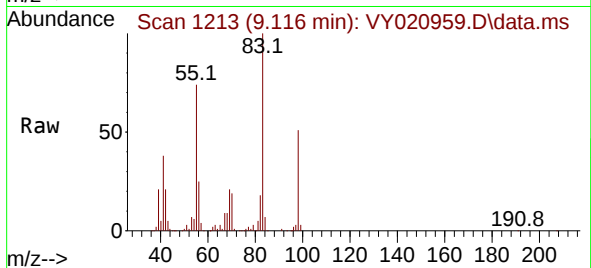
Tgt Ion: 83 Resp: 86162

Ion Ratio Lower Upper

83 100

55 73.7 57.0 85.4

98 51.2 40.1 60.1



#40

Benzene

Concen: 21.582 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020959.D

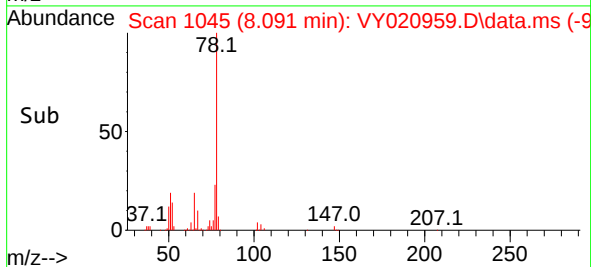
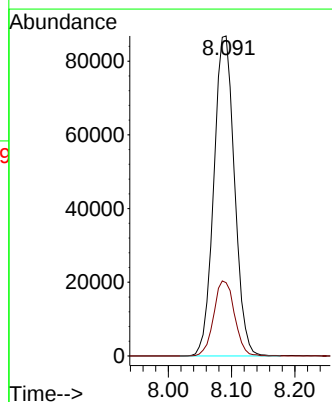
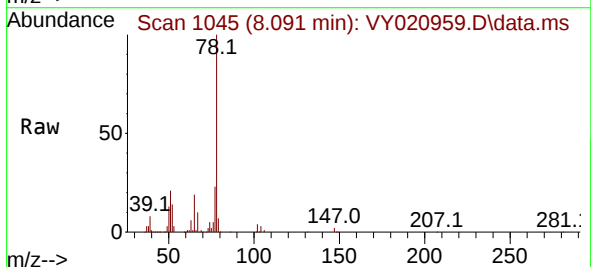
Acq: 29 Jan 2025 10:15

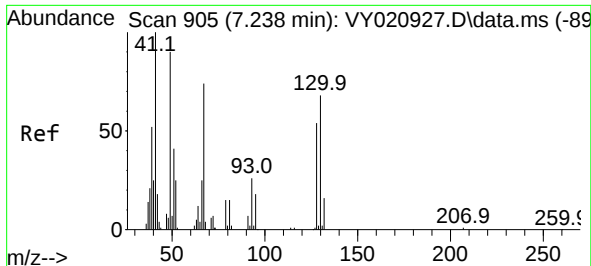
Tgt Ion: 78 Resp: 196766

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

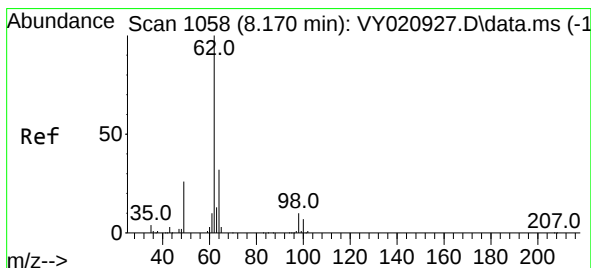
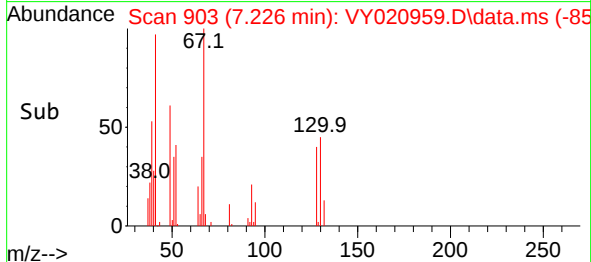
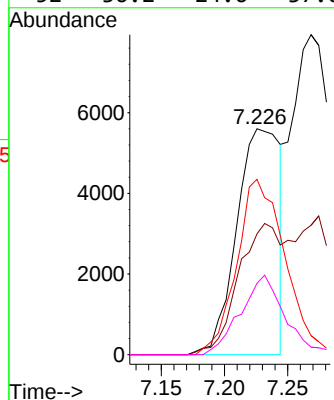
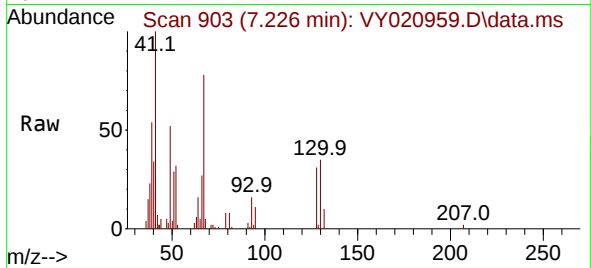




#41
Methacrylonitrile
Concen: 20.961 ug/l
RT: 7.226 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

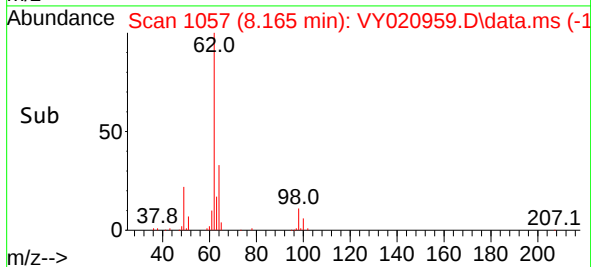
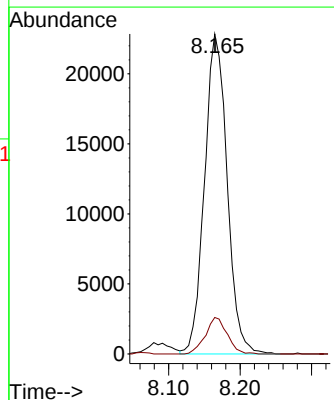
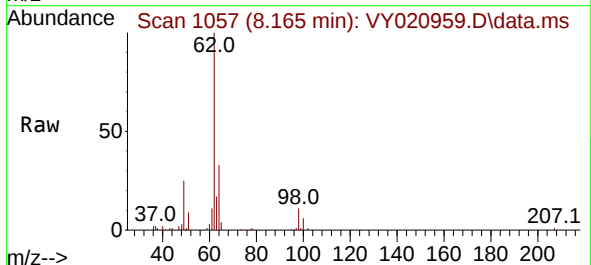
Instrument :
MSVOA_Y
ClientSampleId :

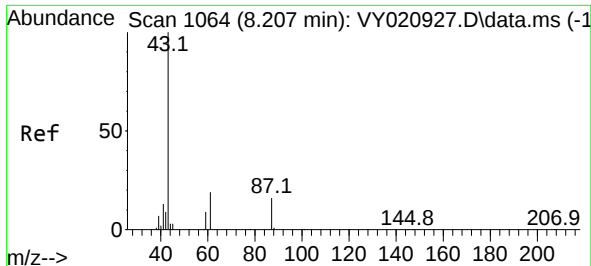
Tgt Ion:	41	Resp:	13351
Ion	Ratio	Lower	Upper
41	100		
39	70.9	46.4	69.6
67	87.7	66.7	100.1
52	36.2	24.6	37.0



#42
1,2-Dichloroethane
Concen: 22.132 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion:	62	Resp:	50207
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 22.172 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY020959.D

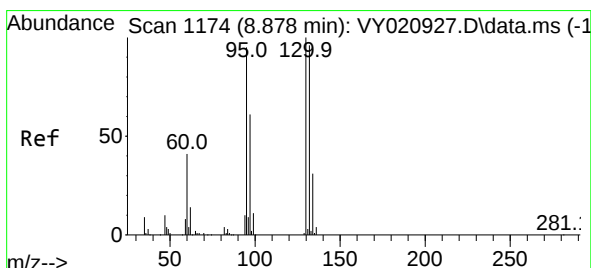
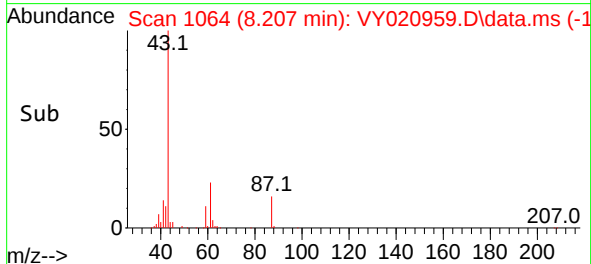
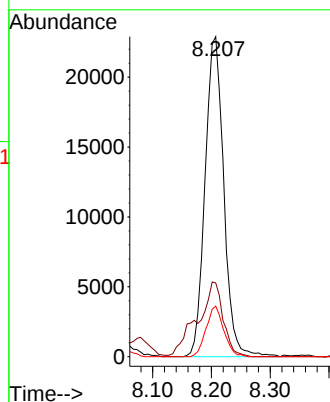
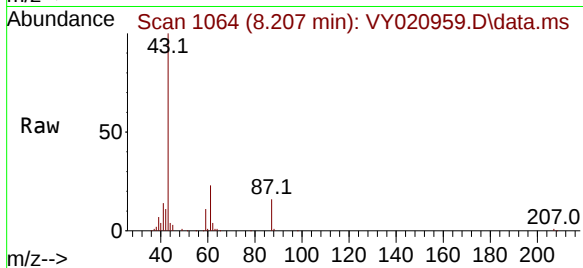
Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 50693
Ion Ratio	Lower Upper
43	100
61	32.3 26.0 39.0
87	14.9 12.4 18.6



#44

Trichloroethene

Concen: 21.177 ug/l

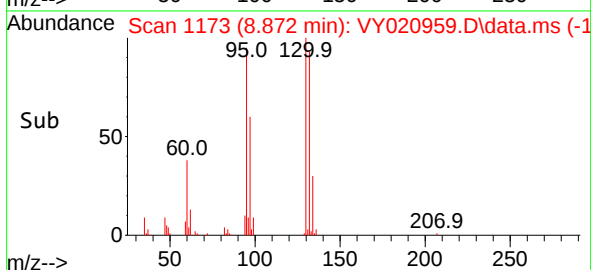
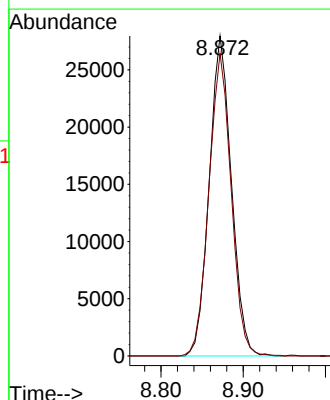
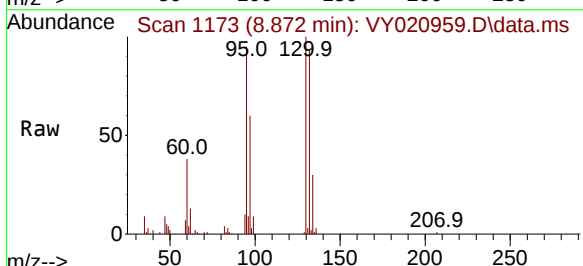
RT: 8.872 min Scan# 1173

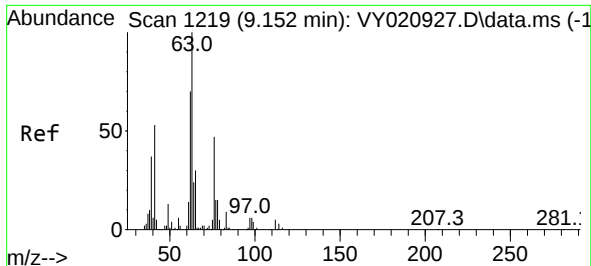
Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Tgt Ion: 130	Resp: 52452
Ion Ratio	Lower Upper
130	100
95	94.6 0.0 189.4





#45

1,2-Dichloropropane

Concen: 21.938 ug/l

RT: 9.146 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

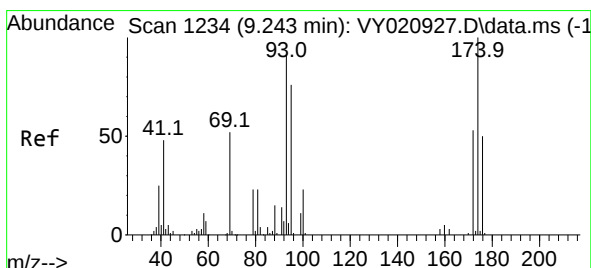
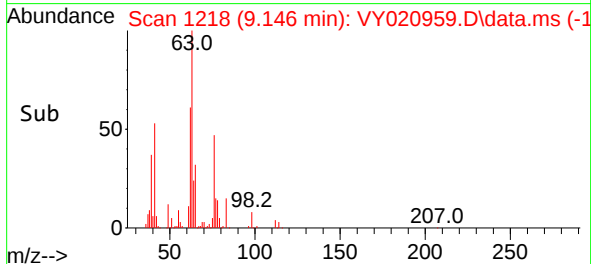
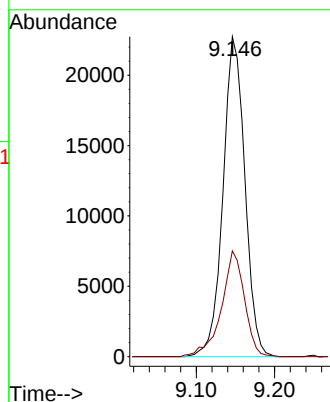
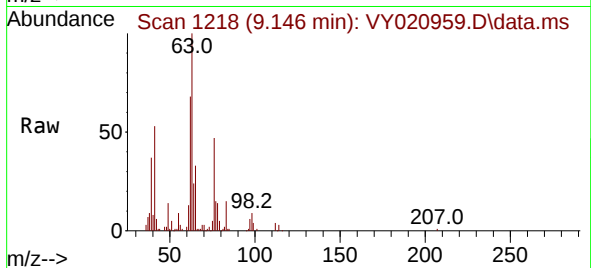
ClientSampleId :

Tgt Ion: 63 Resp: 44151

Ion Ratio Lower Upper

63 100

65 33.1 23.9 35.9



#46

Dibromomethane

Concen: 21.906 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

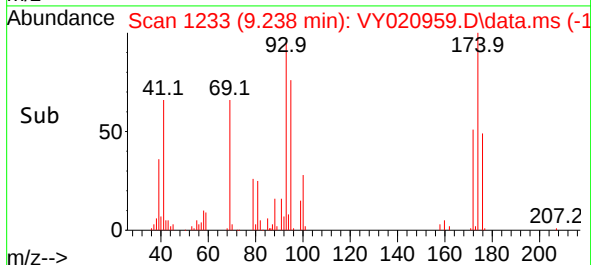
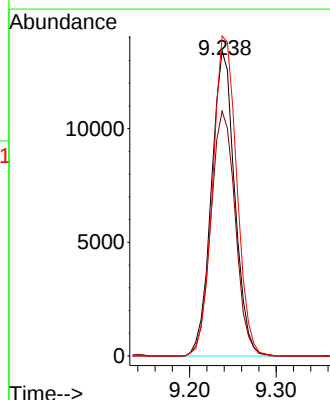
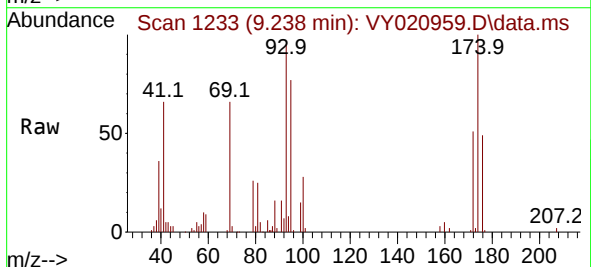
Tgt Ion: 93 Resp: 25063

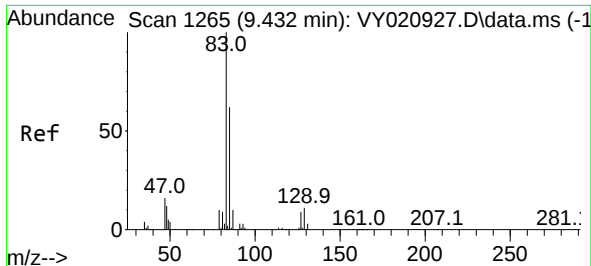
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 108.3 87.0 130.4

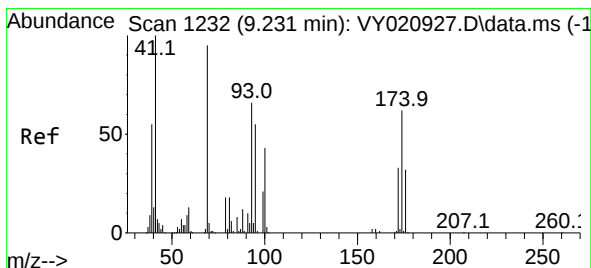
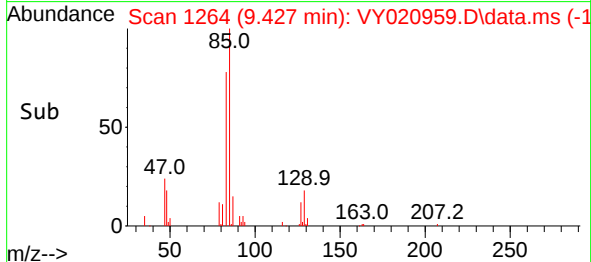
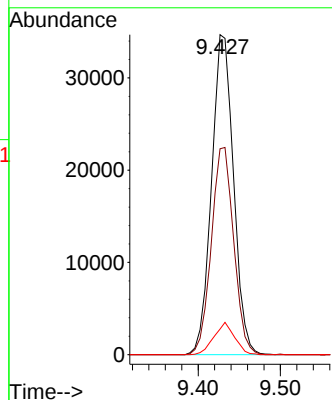
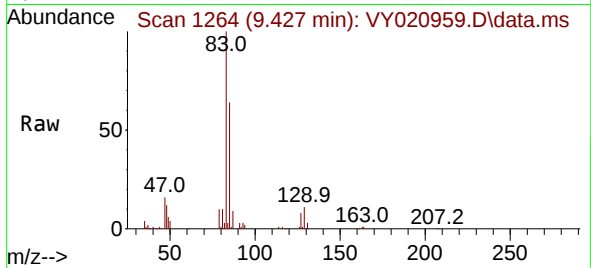




#47
Bromodichloromethane
Concen: 21.171 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

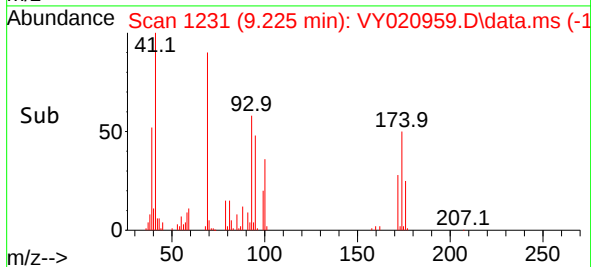
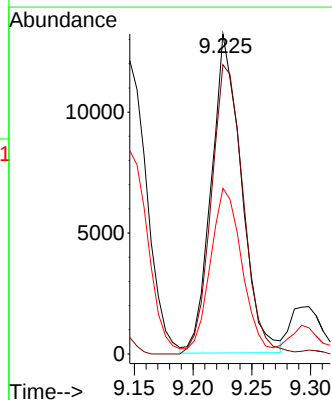
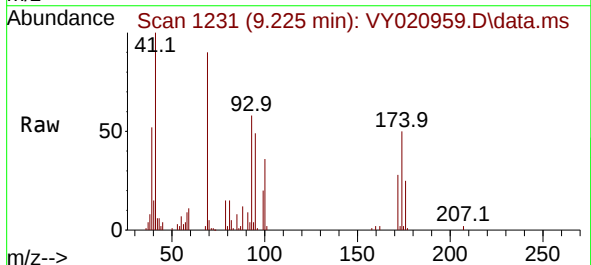
Instrument :
MSVOA_Y
ClientSampleId :

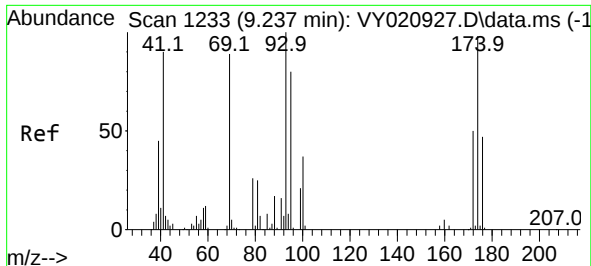
Tgt Ion: 83 Resp: 64448
Ion Ratio Lower Upper
83 100
85 64.3 49.3 73.9
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 21.794 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

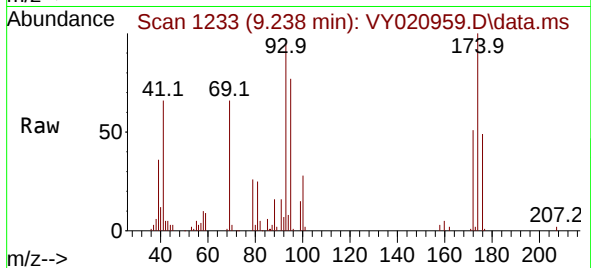
Tgt Ion: 41 Resp: 23506
Ion Ratio Lower Upper
41 100
69 96.0 77.0 115.4
39 51.5 41.1 61.7



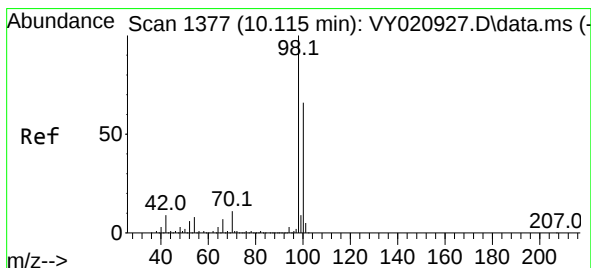
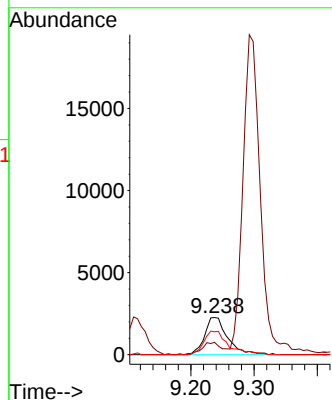
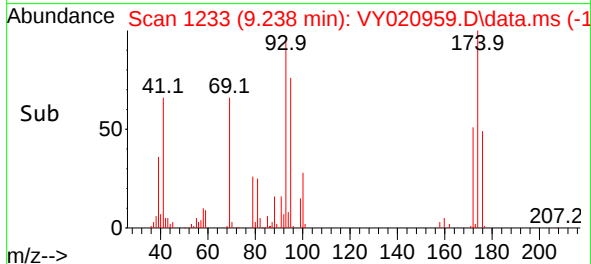


#49
1,4-Dioxane
Concen: 488.111 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Instrument :
MSVOA_Y
ClientSampleId :

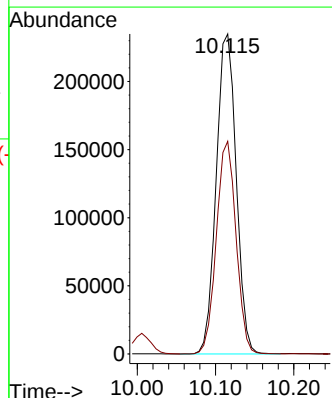
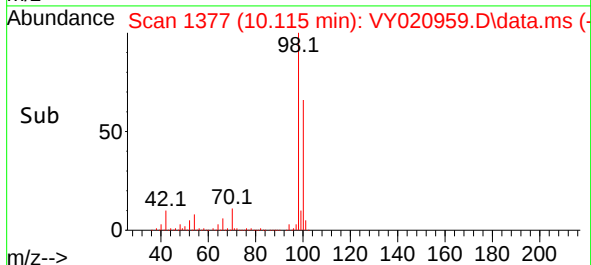
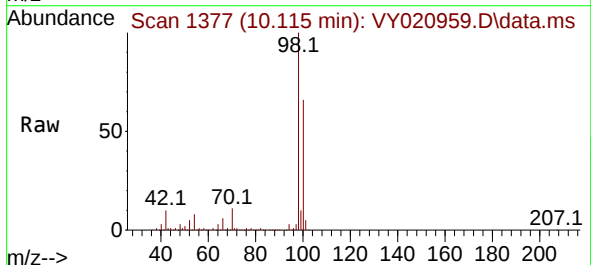


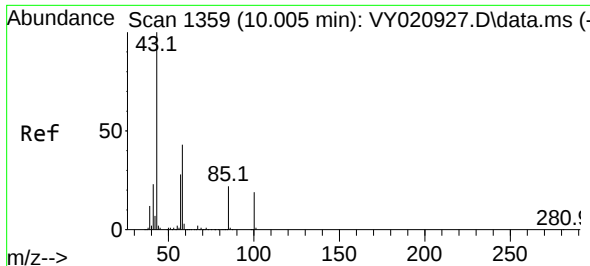
Tgt Ion: 88 Resp: 5750
Ion Ratio Lower Upper
88 100
43 27.5 23.1 34.7
58 66.9 49.0 73.6



#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 98 Resp: 416725
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

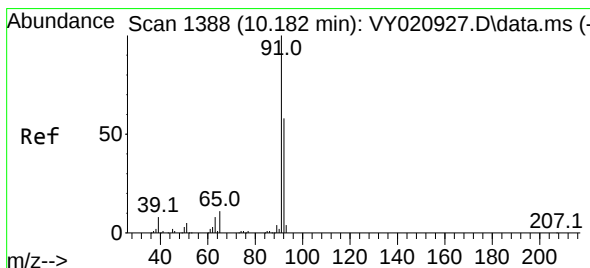
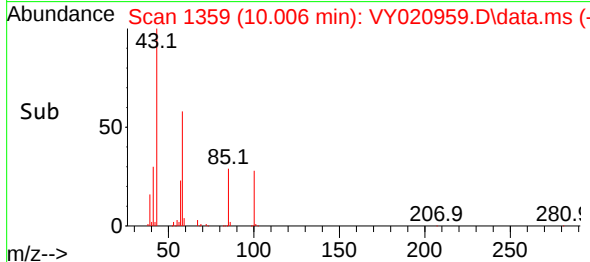
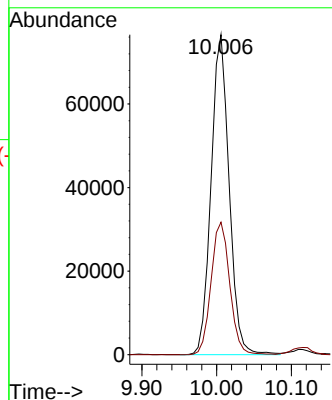
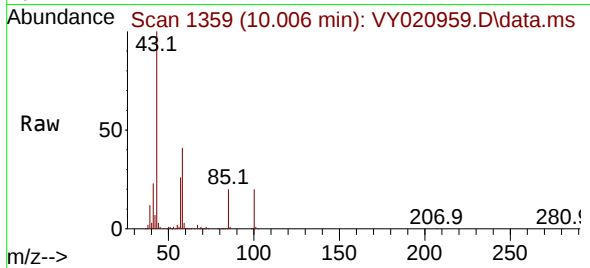




#51
4-Methyl-2-Pentanone
Concen: 111.526 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

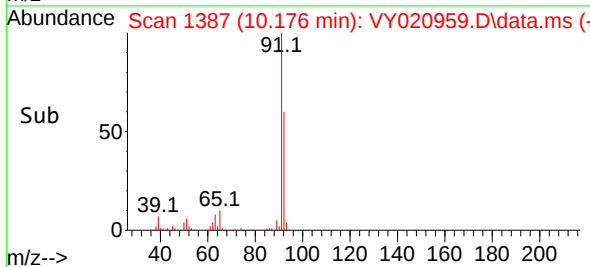
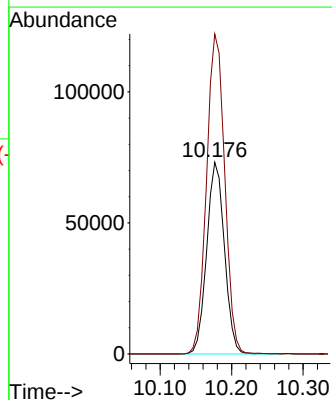
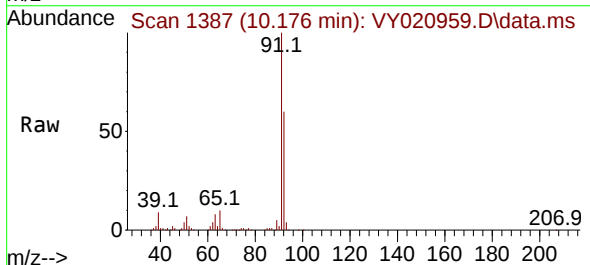
Instrument :
MSVOA_Y
ClientSampleId :

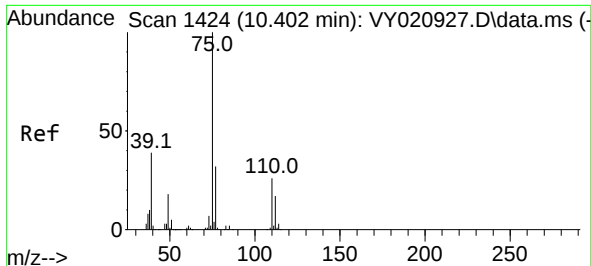
Tgt Ion: 43 Resp: 128572
Ion Ratio Lower Upper
43 100
58 42.9 33.7 50.5



#52
Toluene
Concen: 21.465 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 92 Resp: 125862
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

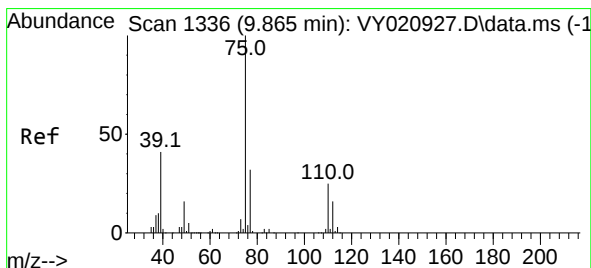
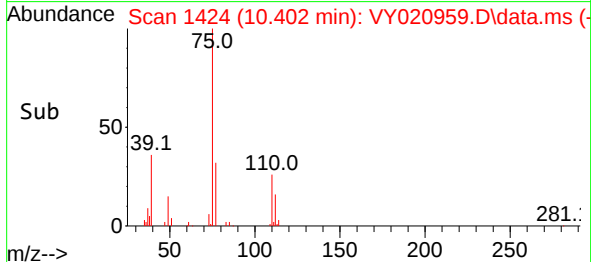
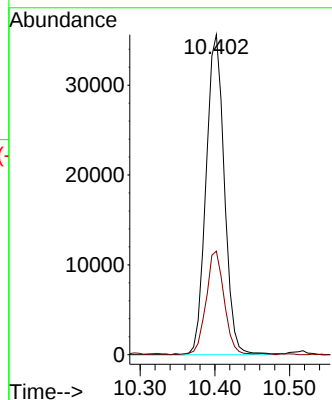
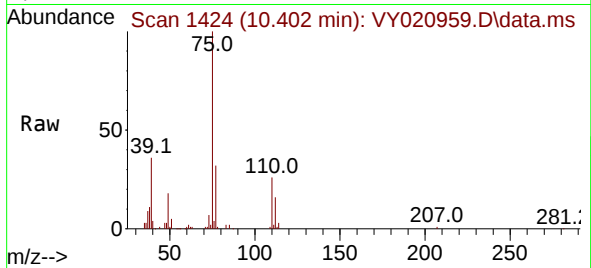




#53
t-1,3-Dichloropropene
Concen: 21.633 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

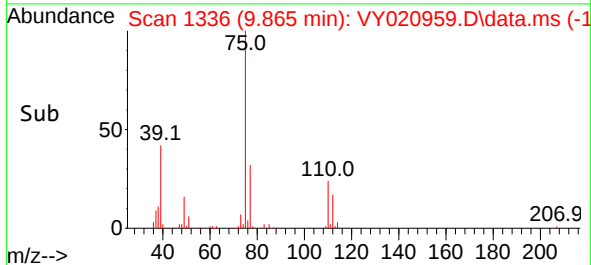
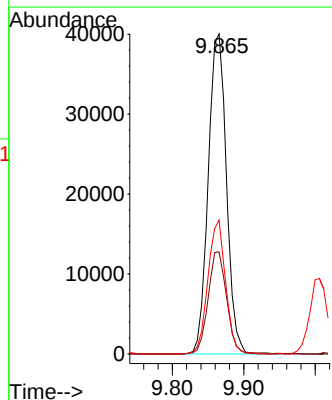
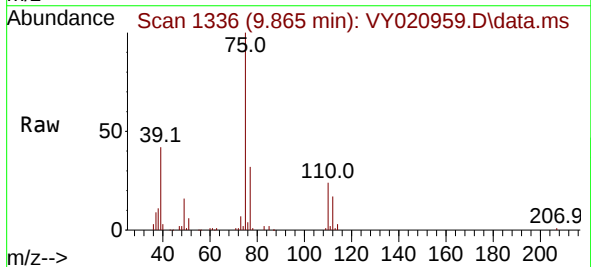
Instrument :
MSVOA_Y
ClientSampleId :

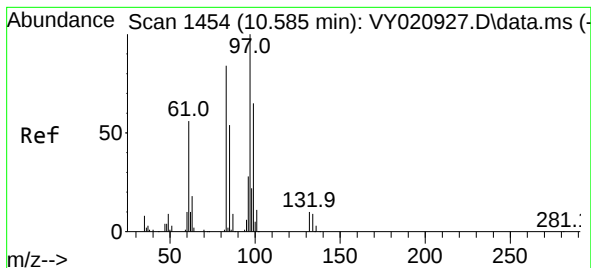
Tgt Ion: 75 Resp: 60382
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.255 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 75 Resp: 70840
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 41.8 32.8 49.2



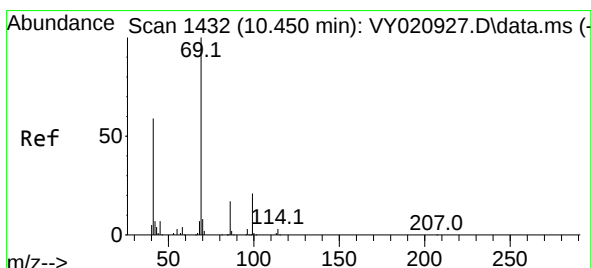
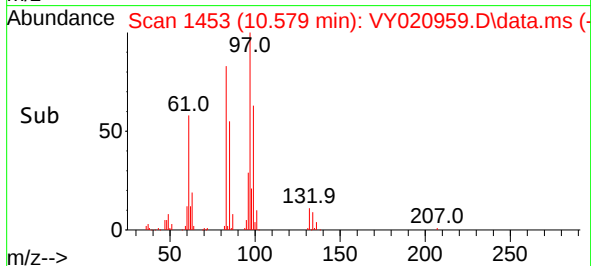
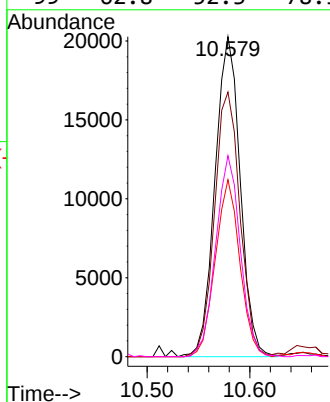
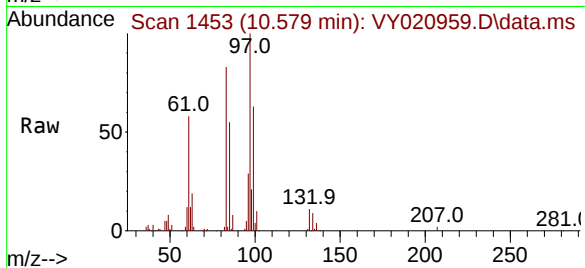


#55
 1,1,2-Trichloroethane
 Concen: 22.340 ug/l
 RT: 10.579 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 97 Resp: 34550

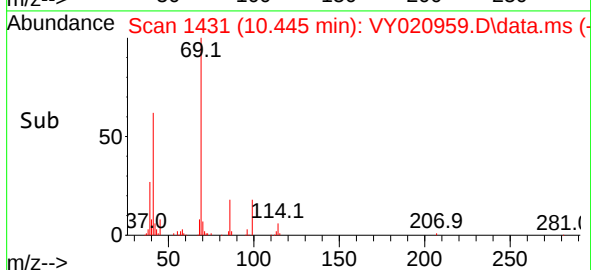
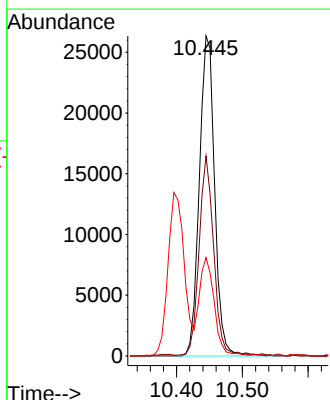
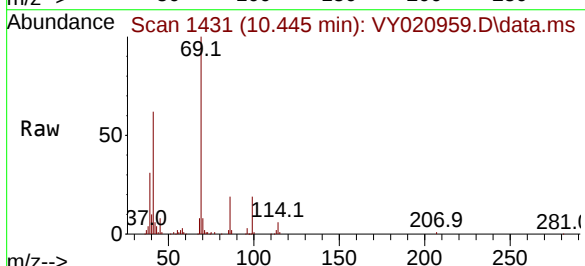
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.0	100.6
85	55.3	43.1	64.7
99	62.8	52.3	78.5

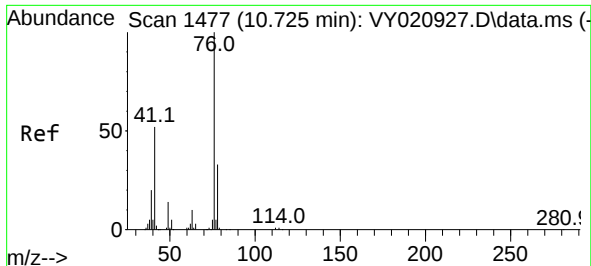


#56
 Ethyl methacrylate
 Concen: 21.088 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 69 Resp: 42741

Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.6	70.0
39	29.0	23.9	35.9





#57

1,3-Dichloropropane

Concen: 21.570 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

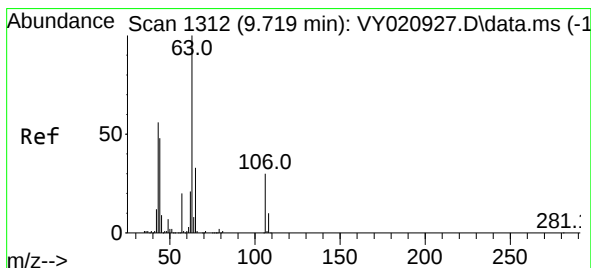
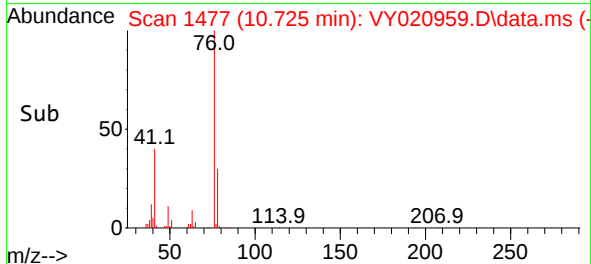
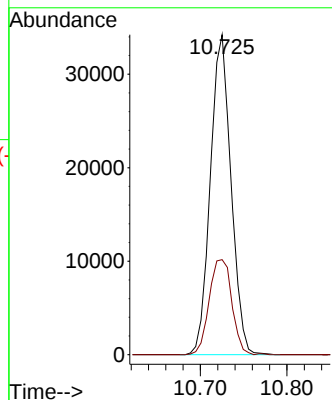
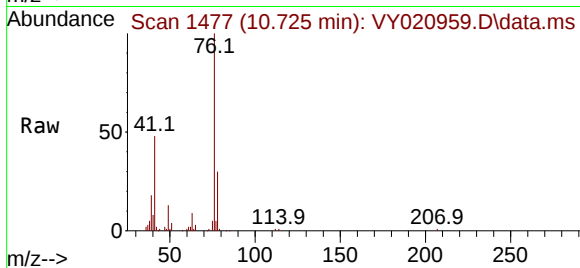
ClientSampleId :

Tgt Ion: 76 Resp: 56669

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.721 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020959.D

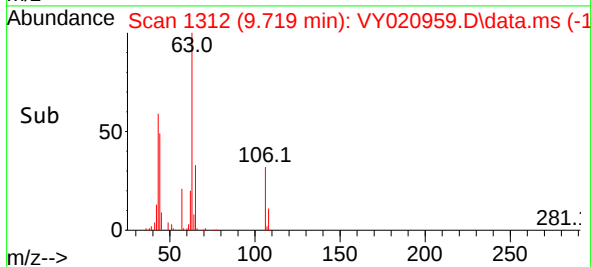
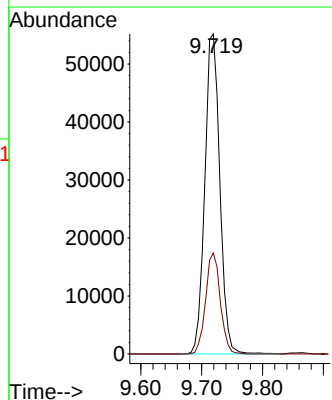
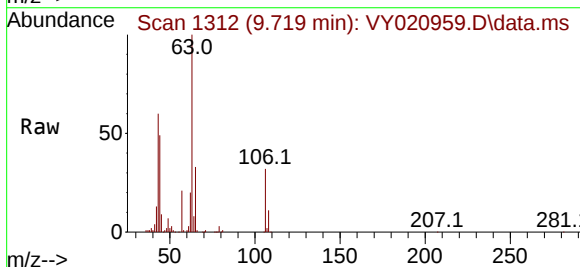
Acq: 29 Jan 2025 10:15

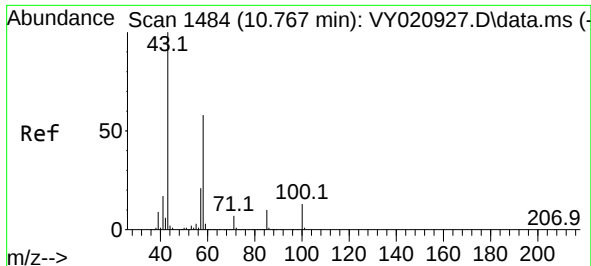
Tgt Ion: 63 Resp: 94493

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1





#59

2-Hexanone

Concen: 111.761 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

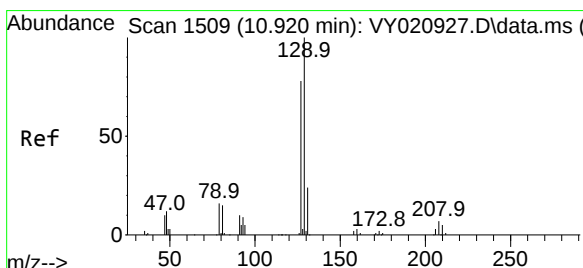
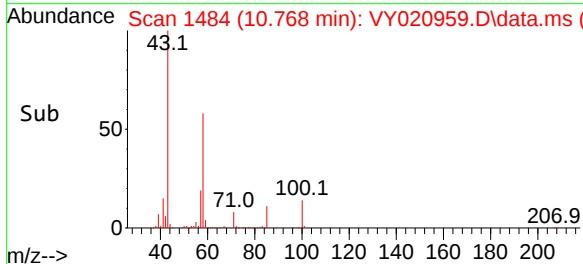
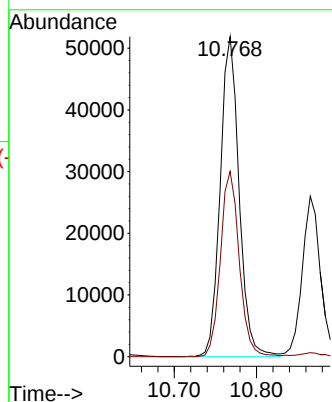
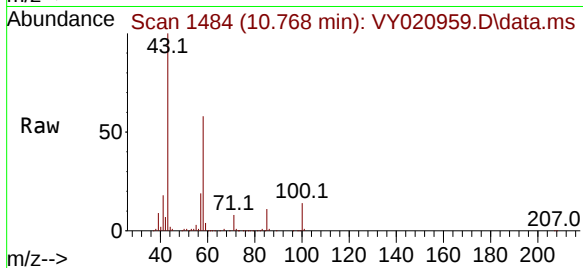
ClientSampleId :

Tgt Ion: 43 Resp: 82850

Ion Ratio Lower Upper

43 100

58 57.7 29.9 89.8



#60

Dibromochloromethane

Concen: 21.838 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020959.D

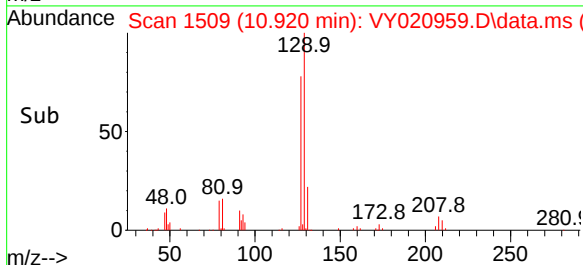
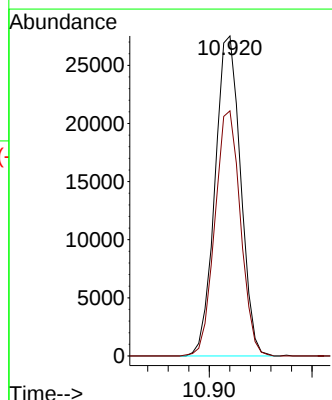
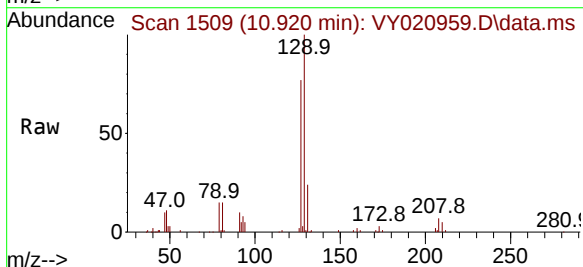
Acq: 29 Jan 2025 10:15

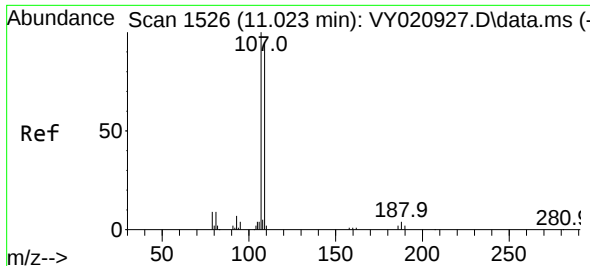
Tgt Ion: 129 Resp: 47532

Ion Ratio Lower Upper

129 100

127 76.5 39.2 117.6

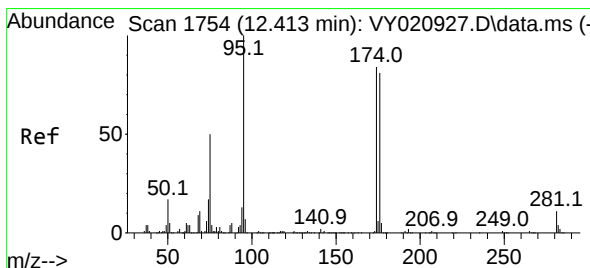
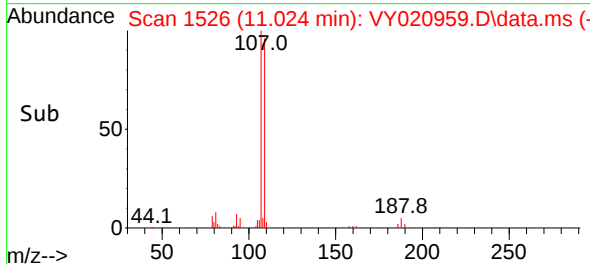
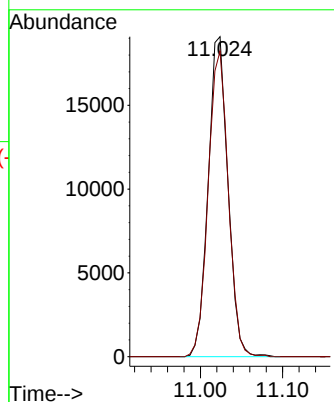
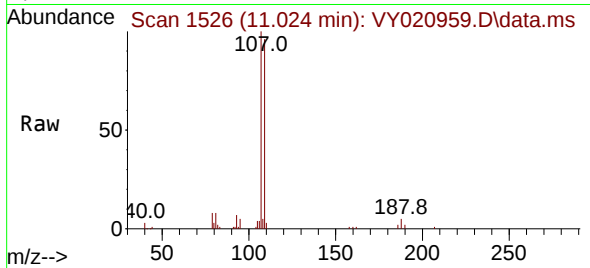




#61
1,2-Dibromoethane
Concen: 21.596 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

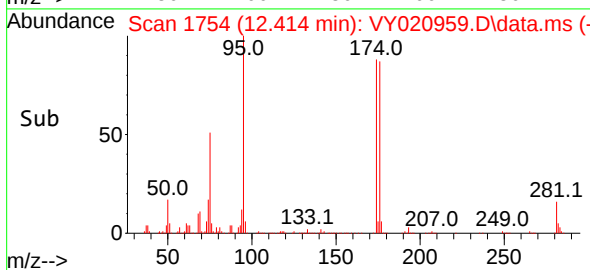
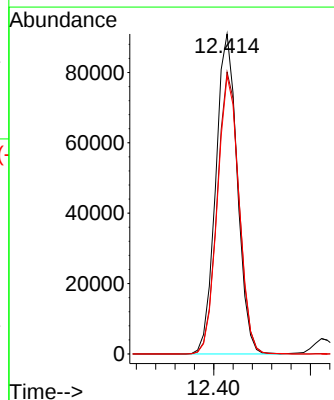
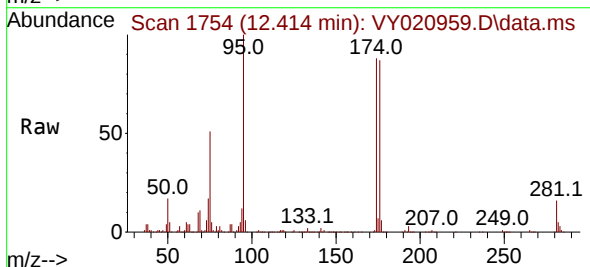
Instrument :
MSVOA_Y
ClientSampleId :

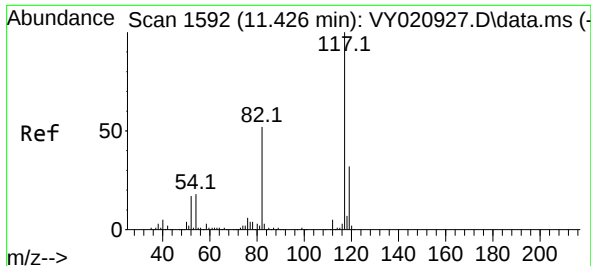
Tgt Ion:107 Resp: 31944
Ion Ratio Lower Upper
107 100
109 97.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.746 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

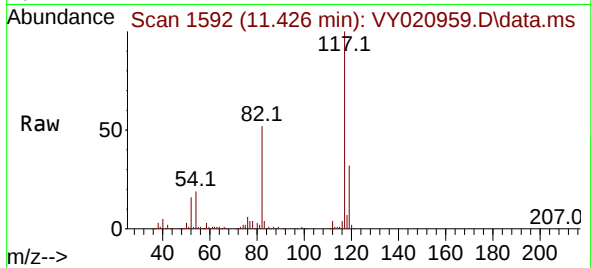
Tgt Ion: 95 Resp: 140062
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.4
176 87.4 0.0 172.2



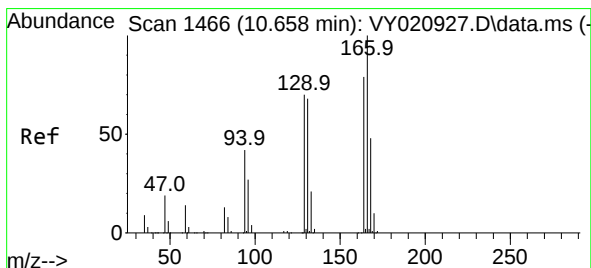
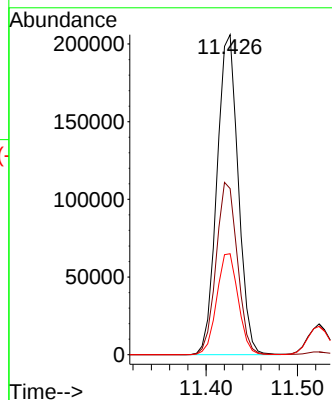
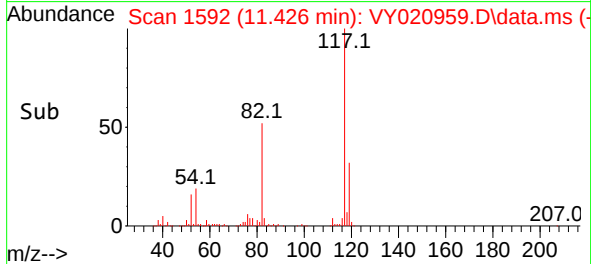


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Instrument :
MSVOA_Y
ClientSampleId :

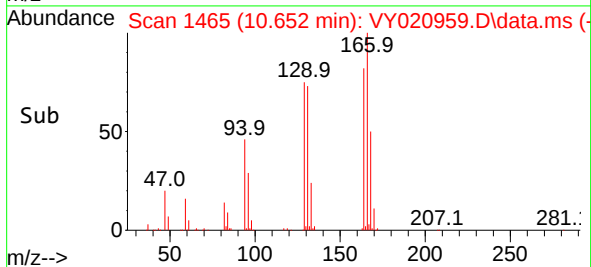
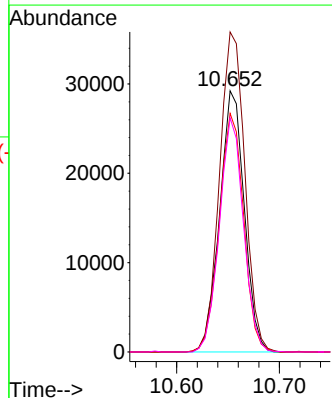
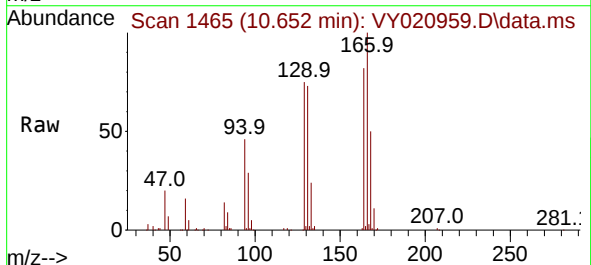


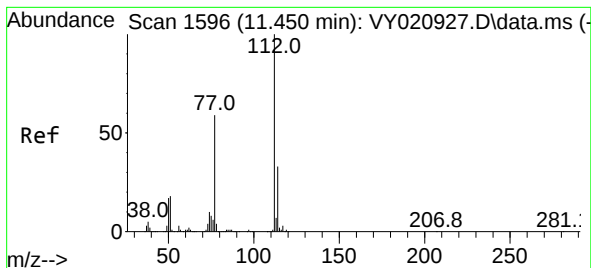
Tgt Ion:117 Resp: 333022
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 31.5 26.0 39.0



#64
Tetrachloroethene
Concen: 20.961 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion:164 Resp: 48579
Ion Ratio Lower Upper
164 100
166 122.6 101.0 151.6
129 91.4 70.8 106.2
131 89.6 68.6 103.0





#65

Chlorobenzene

Concen: 20.912 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

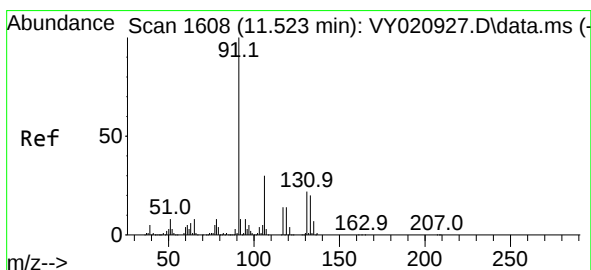
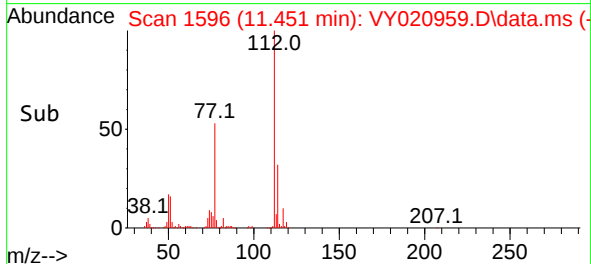
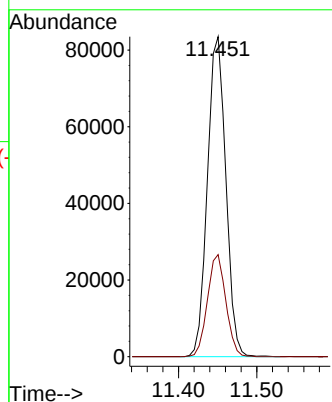
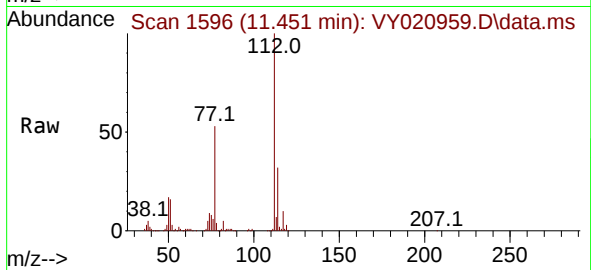
ClientSampleId :

Tgt Ion:112 Resp: 136188

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.868 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

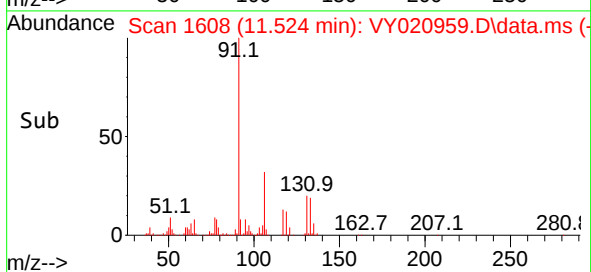
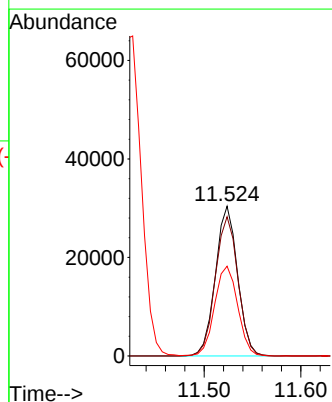
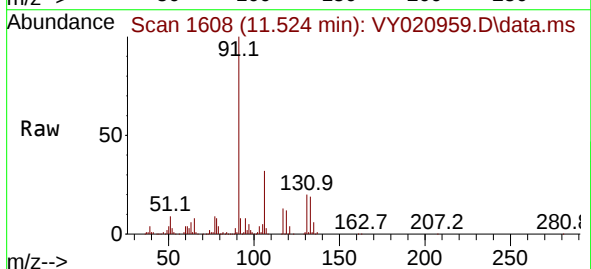
Tgt Ion:131 Resp: 48291

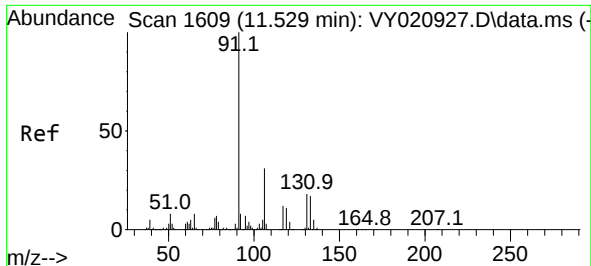
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 62.6 31.2 93.6





#67

Ethyl Benzene

Concen: 20.783 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

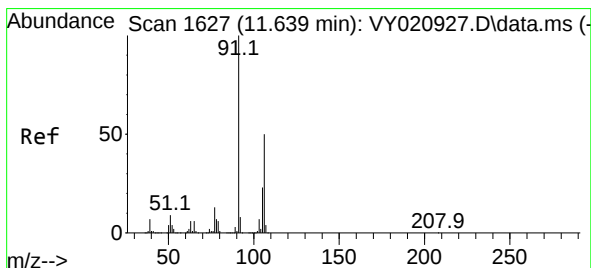
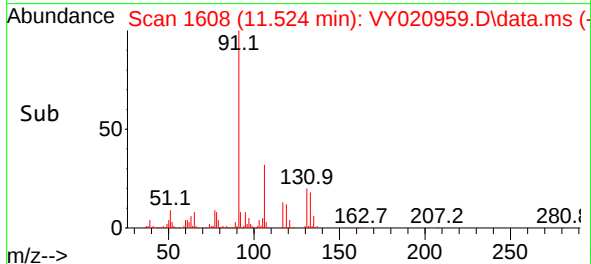
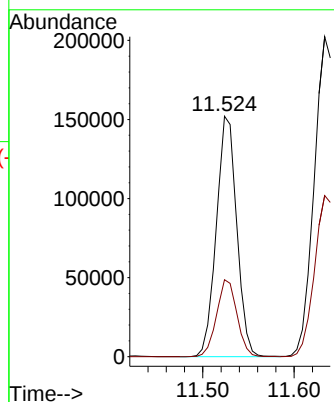
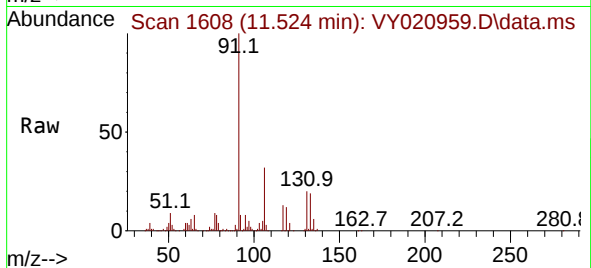
ClientSampleId :

Tgt Ion: 91 Resp: 236165

Ion Ratio Lower Upper

91 100

106 32.0 25.2 37.8



#68

m/p-Xylenes

Concen: 42.403 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.006 min

Lab File: VY020959.D

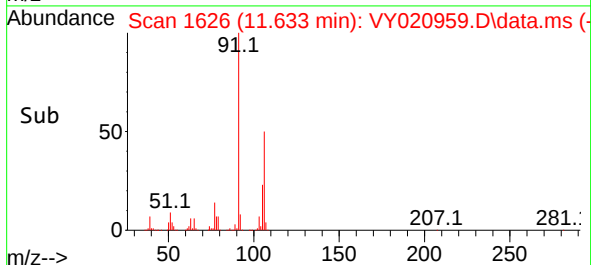
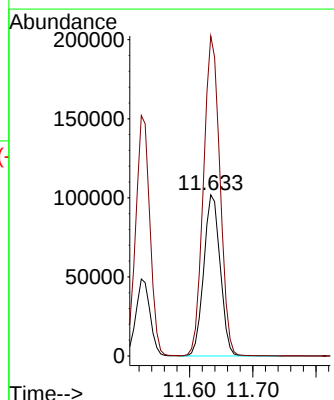
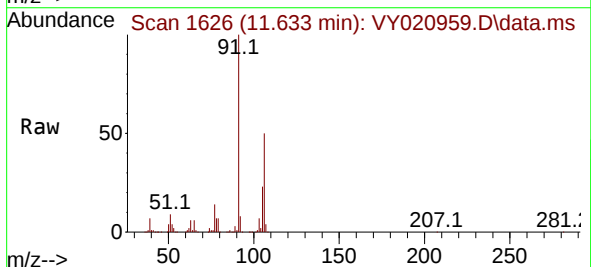
Acq: 29 Jan 2025 10:15

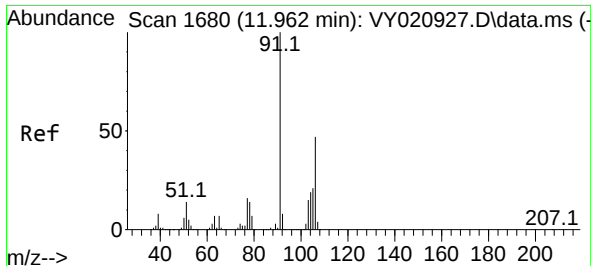
Tgt Ion:106 Resp: 184504

Ion Ratio Lower Upper

106 100

91 198.9 159.5 239.3





#69

o-Xylene

Concen: 21.063 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

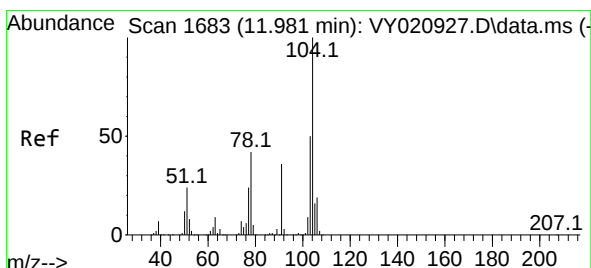
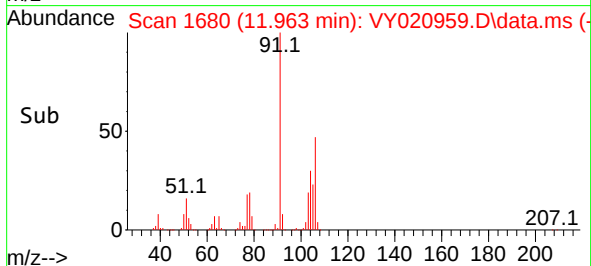
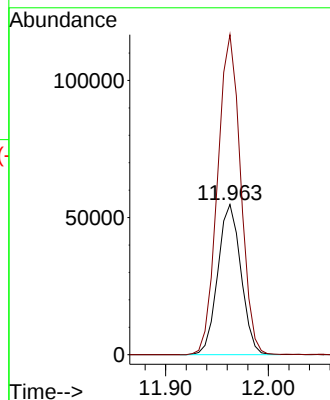
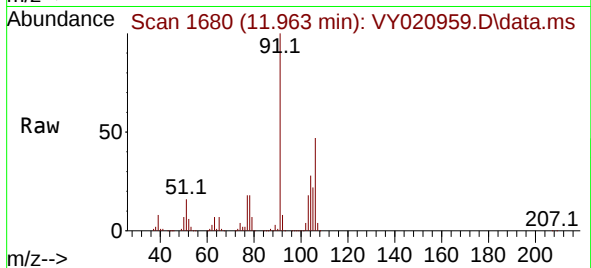
ClientSampleId :

Tgt Ion:106 Resp: 85611

Ion Ratio Lower Upper

106 100

91 212.5 105.3 315.9



#70

Styrene

Concen: 21.522 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

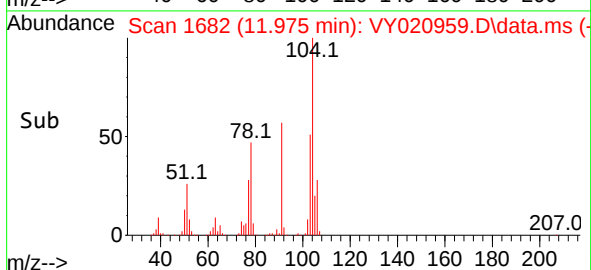
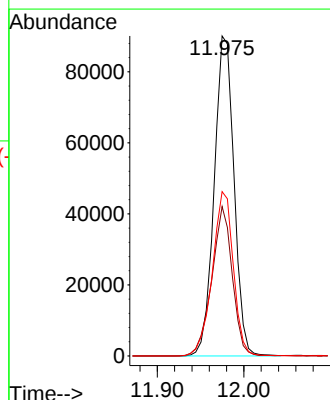
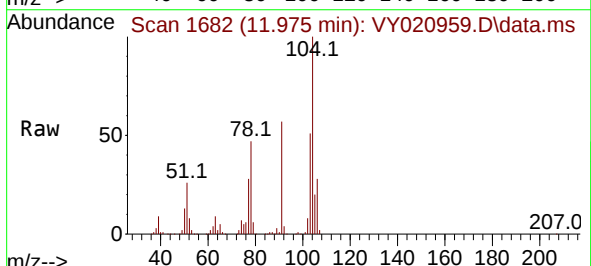
Tgt Ion:104 Resp: 143357

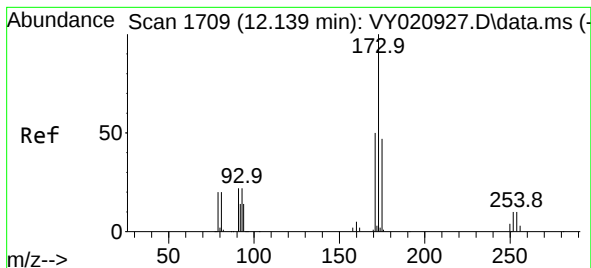
Ion Ratio Lower Upper

104 100

78 48.4 38.5 57.7

103 54.5 43.4 65.2





#71

Bromoform

Concen: 21.706 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

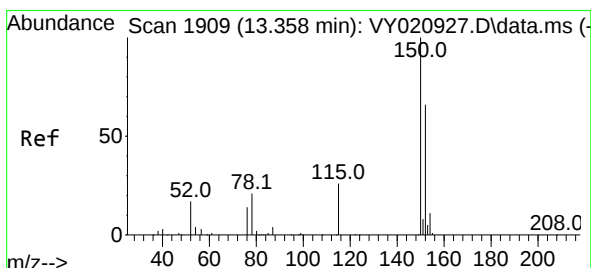
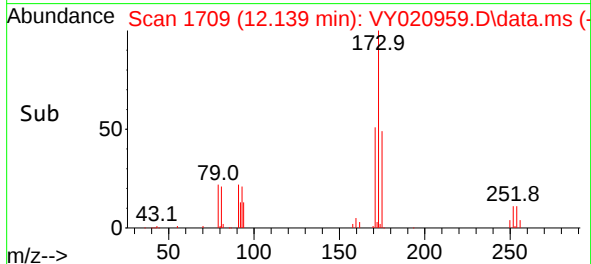
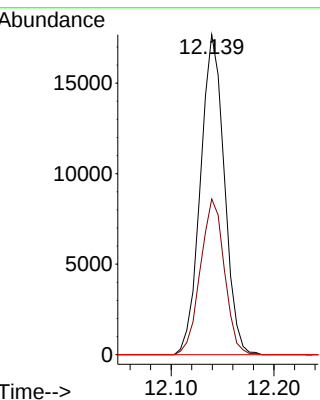
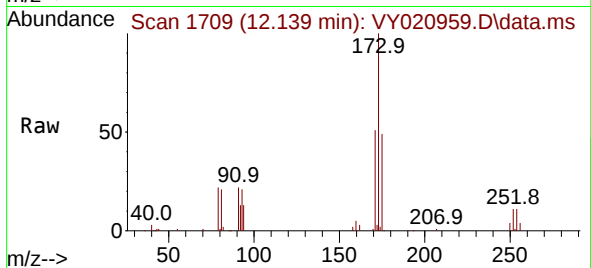
Tgt Ion:173 Resp: 28443

Ion Ratio Lower Upper

173 100

175 49.0 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: VY020959.D

Acq: 29 Jan 2025 10:15

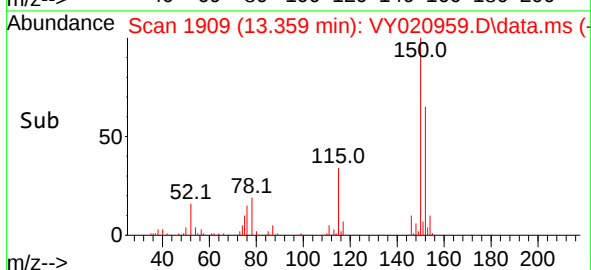
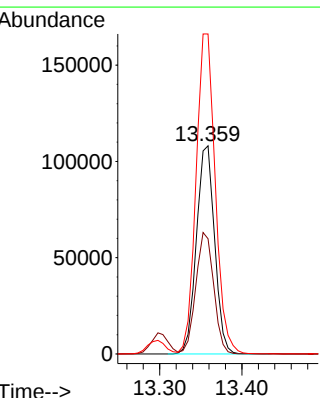
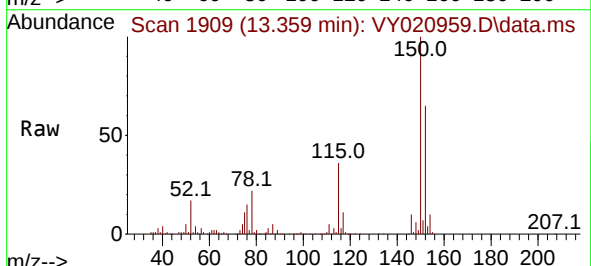
Tgt Ion:152 Resp: 166093

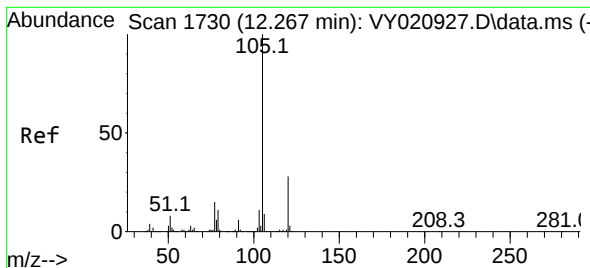
Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 162.5 0.0 347.6





#73

Isopropylbenzene

Concen: 20.099 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

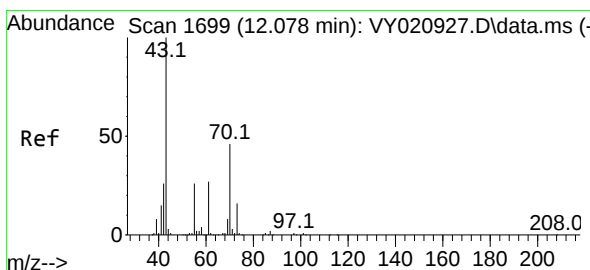
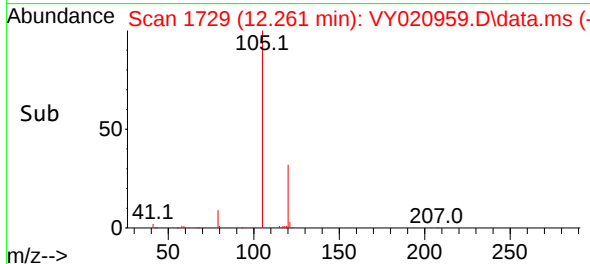
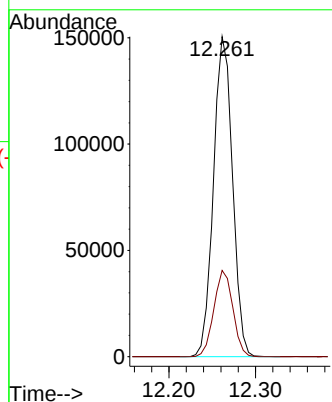
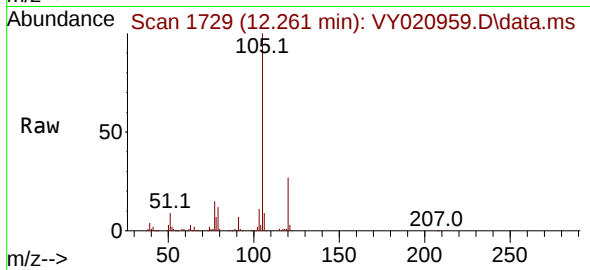
ClientSampleId :

Tgt Ion:105 Resp: 229911

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.237 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Tgt Ion: 43 Resp: 41194

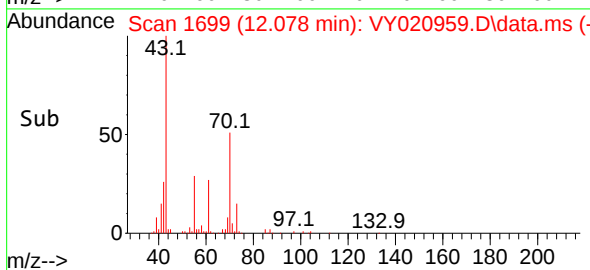
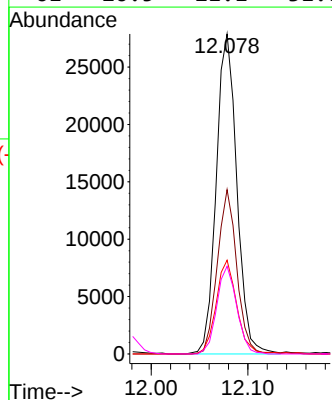
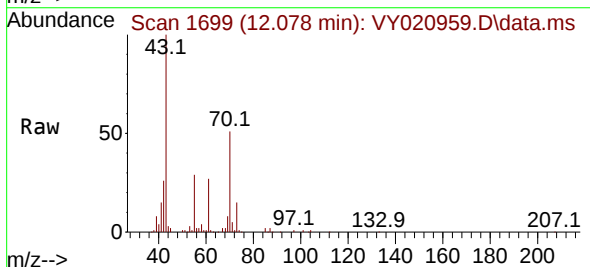
Ion Ratio Lower Upper

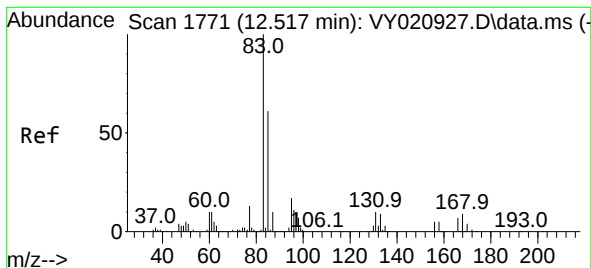
43 100

70 48.7 38.7 58.1

55 29.7 21.6 32.4

61 26.5 21.1 31.7





#75

1,1,2-Tetrachloroethane

Concen: 20.835 ug/l

RT: 12.511 min Scan# 1771

Delta R.T. -0.006 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

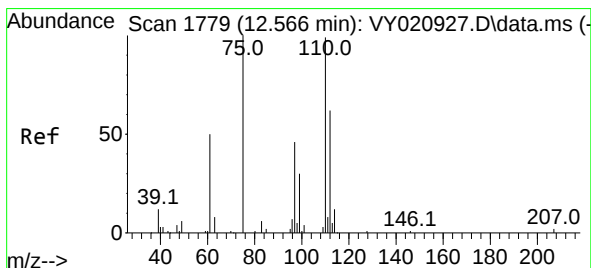
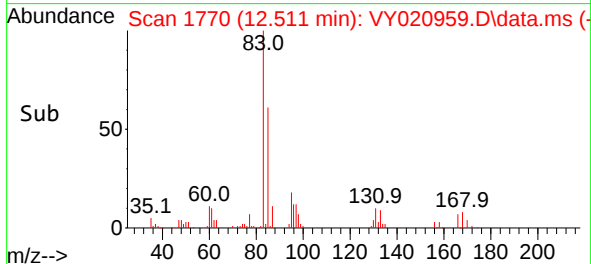
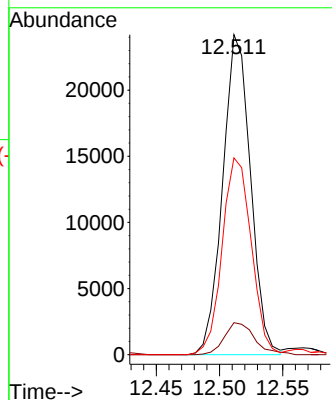
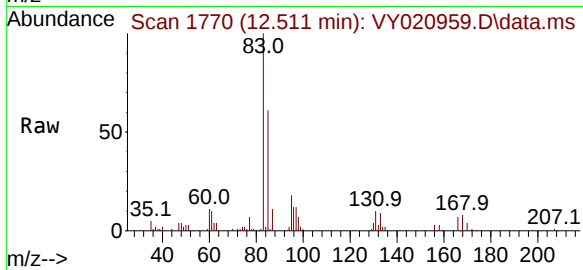
Tgt Ion: 83 Resp: 37082

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 41.342 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VY020959.D

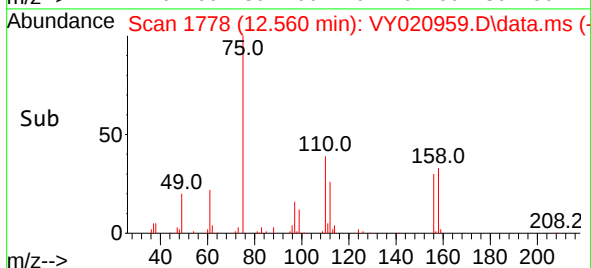
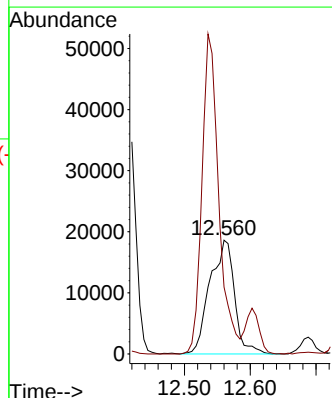
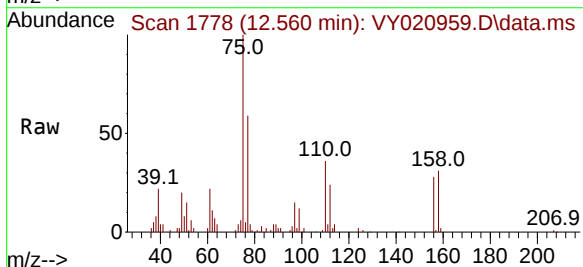
Acq: 29 Jan 2025 10:15

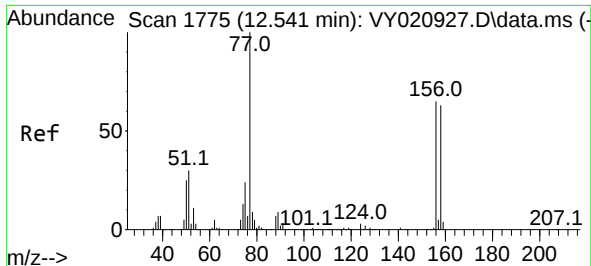
Tgt Ion: 75 Resp: 48550

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

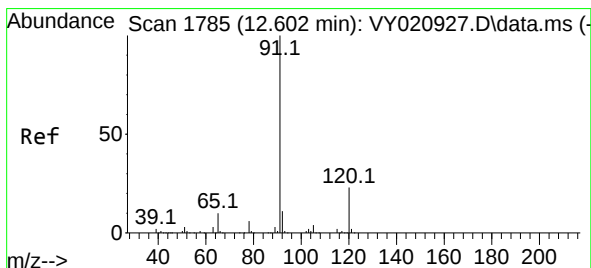
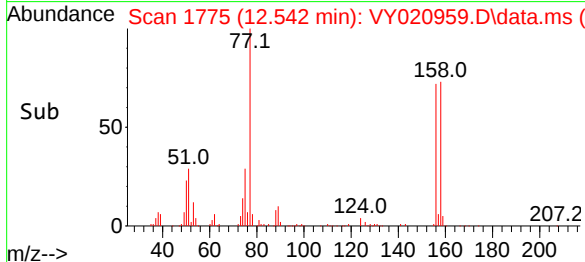
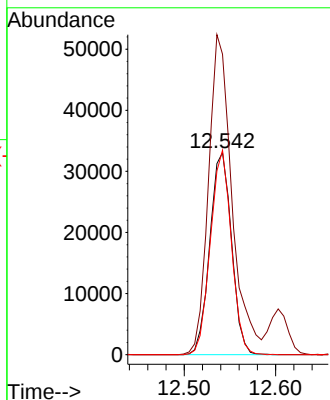
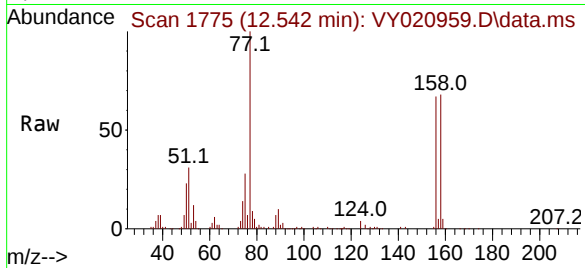




#77
Bromobenzene
Concen: 20.351 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

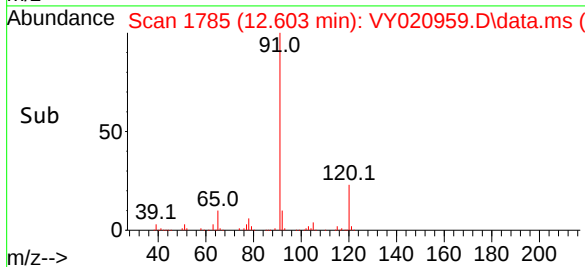
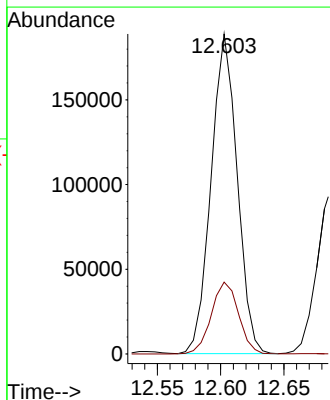
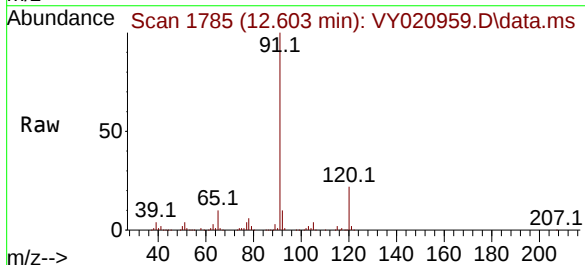
Instrument :
MSVOA_Y
ClientSampleId :

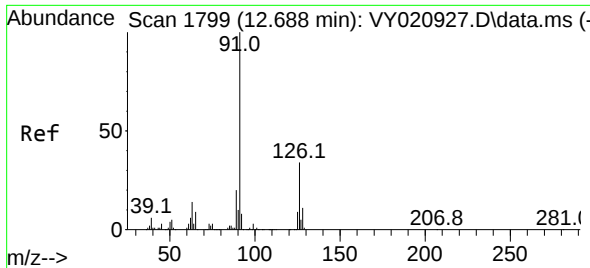
Tgt Ion:156 Resp: 54571
Ion Ratio Lower Upper
156 100
77 171.0 84.4 253.1
158 97.6 48.9 146.6



#78
n-propylbenzene
Concen: 20.324 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 91 Resp: 270814
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4

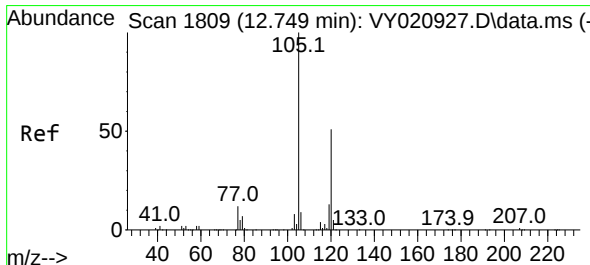
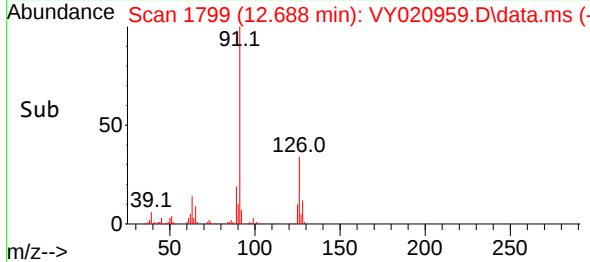
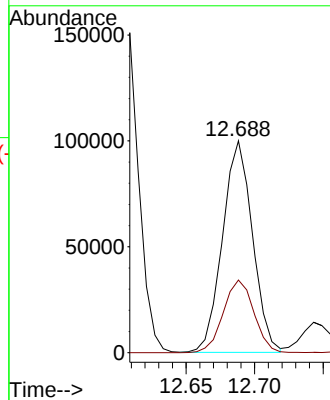
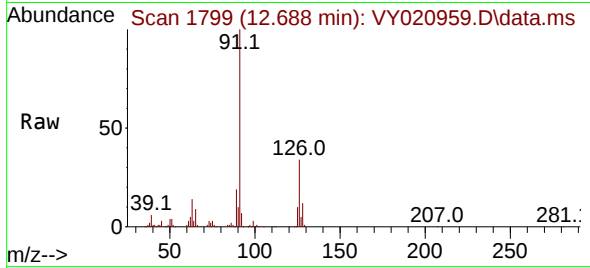




#79
2-Chlorotoluene
Concen: 20.144 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

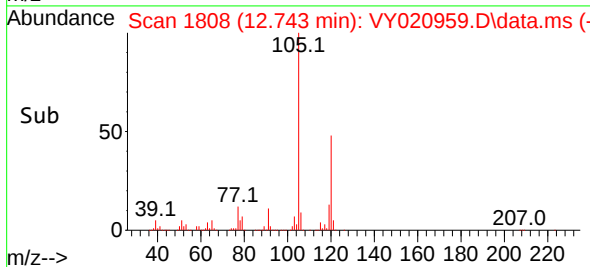
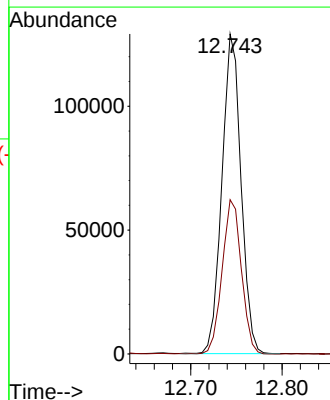
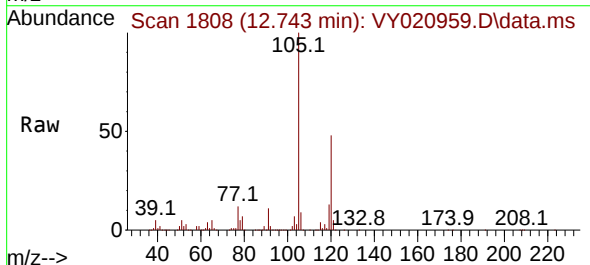
Instrument :
MSVOA_Y
ClientSampleId :

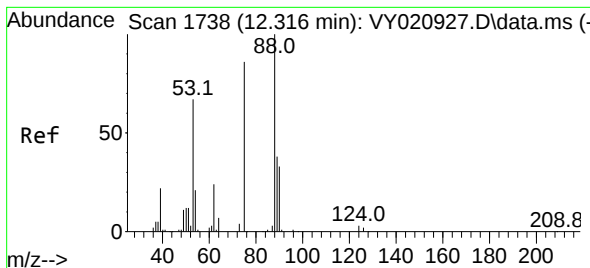
Tgt Ion: 91 Resp: 152236
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 20.377 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion: 105 Resp: 187301
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.6

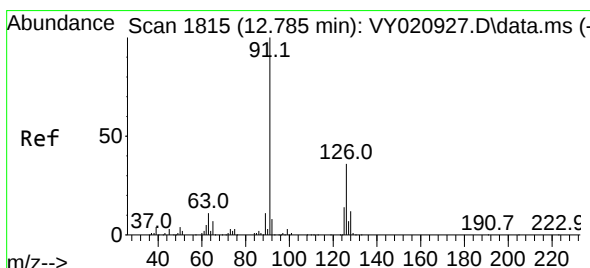
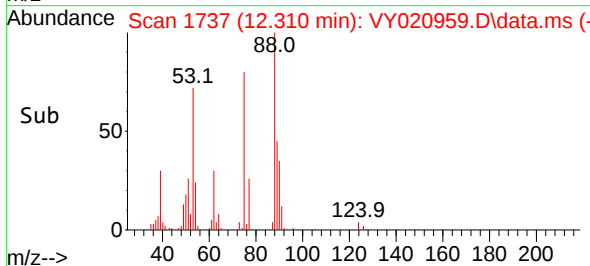
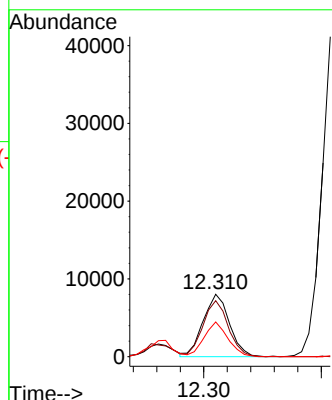
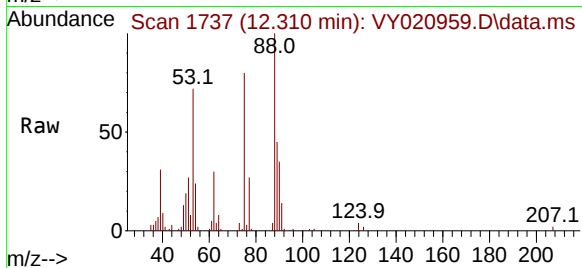




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.537 ug/l
 RT: 12.310 min Scan# 1737
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

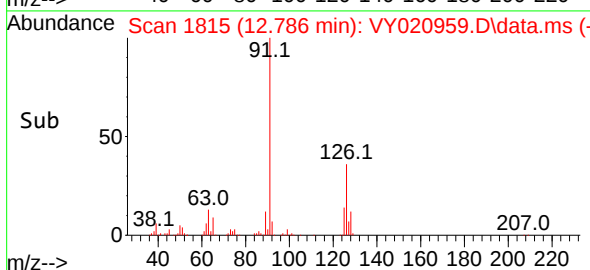
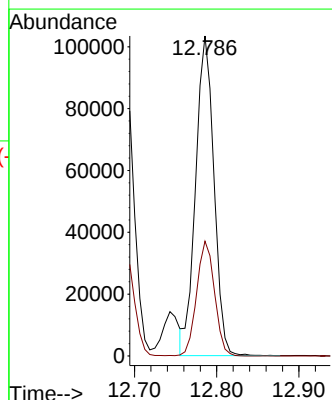
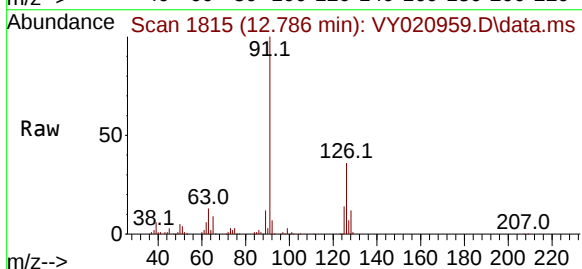
Instrument :
 MSVOA_Y
 ClientSampleId :

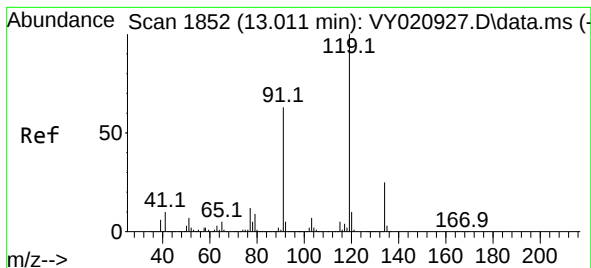
Tgt Ion: 75 Resp: 12483
 Ion Ratio Lower Upper
 75 100
 53 85.9 67.7 101.5
 89 50.0 38.4 57.6



#82
 4-Chlorotoluene
 Concen: 20.691 ug/l
 RT: 12.786 min Scan# 1815
 Delta R.T. 0.000 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 91 Resp: 159674
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3

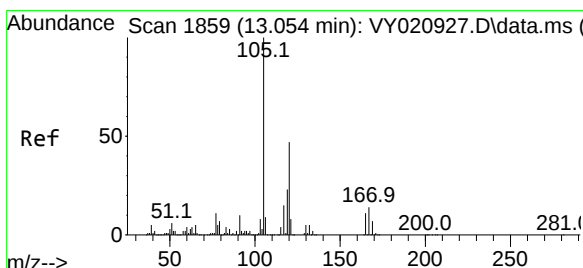
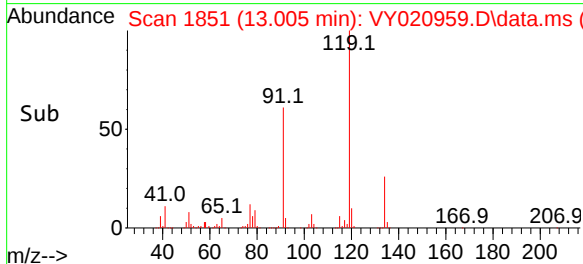
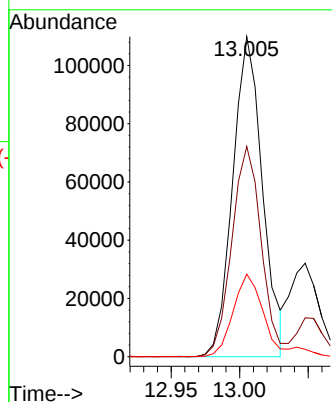
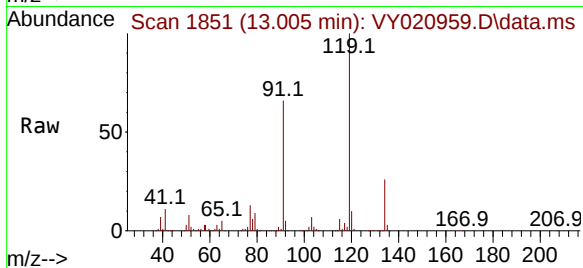




#83
tert-Butylbenzene
Concen: 19.564 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

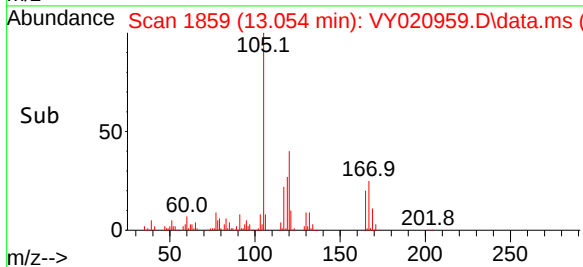
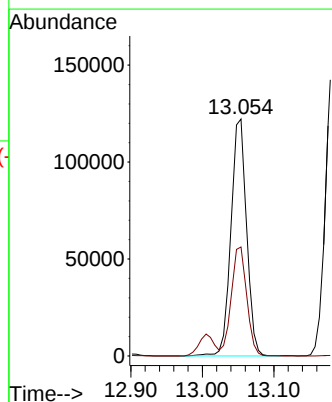
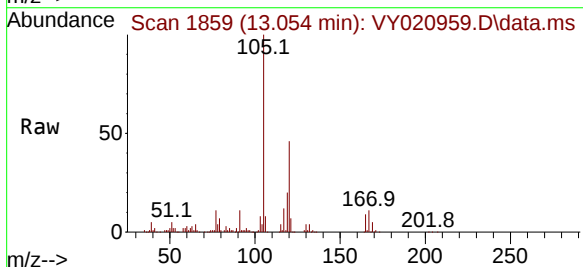
Instrument :
MSVOA_Y
ClientSampleId :

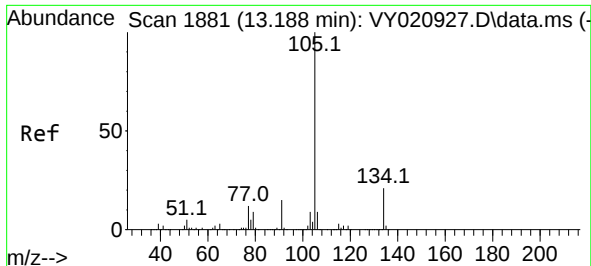
Tgt Ion:119 Resp: 165862
Ion Ratio Lower Upper
119 100
91 64.7 30.9 92.8
134 27.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.490 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VY020959.D
Acq: 29 Jan 2025 10:15

Tgt Ion:105 Resp: 185407
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7

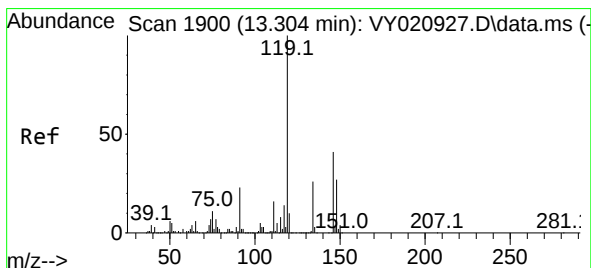
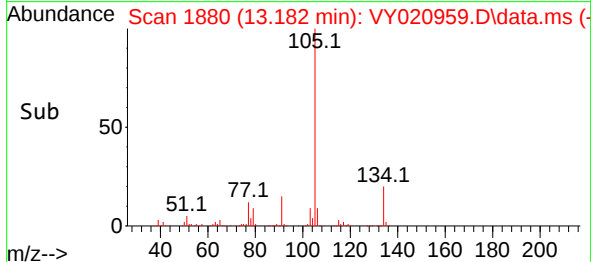
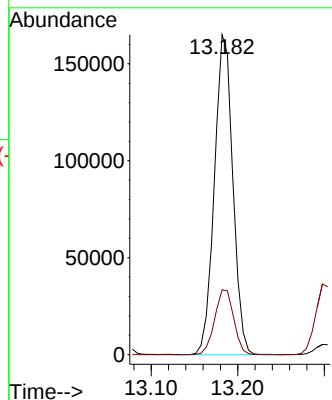
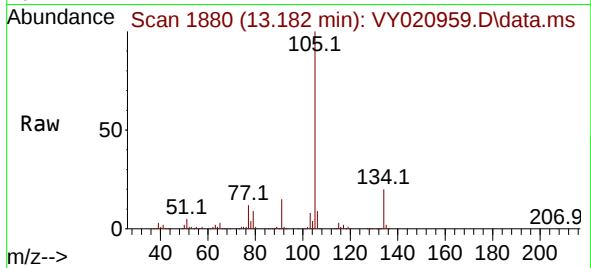




#85
 sec-Butylbenzene
 Concen: 20.173 ug/l
 RT: 13.182 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

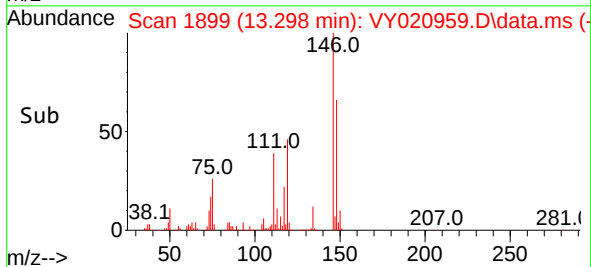
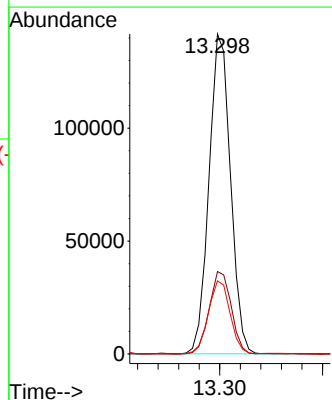
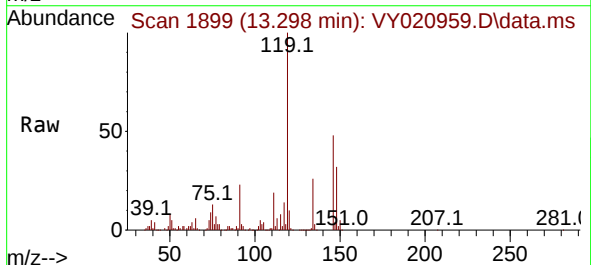
Instrument :
 MSVOA_Y
 ClientSampleId :

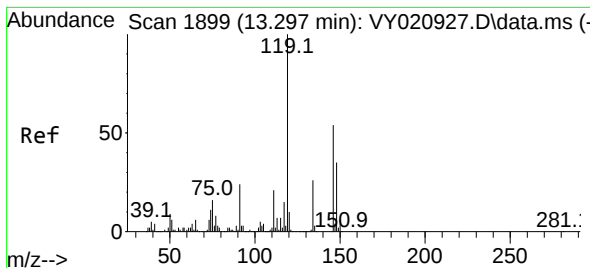
Tgt Ion:105 Resp: 243845
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.135 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion:119 Resp: 205617
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.4 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 20.572 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

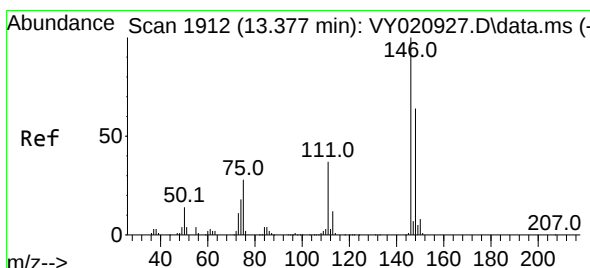
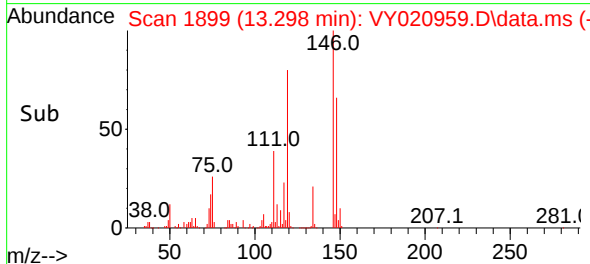
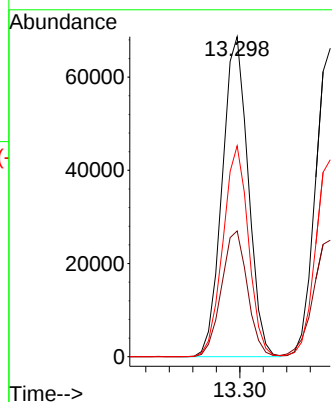
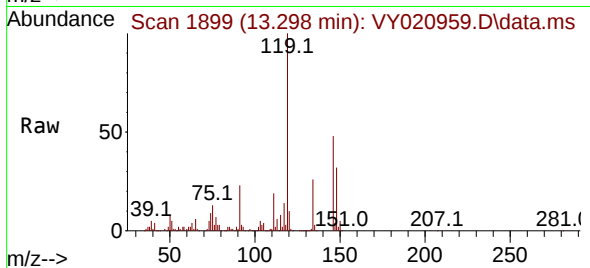
Tgt Ion:146 Resp: 105632

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 64.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.558 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

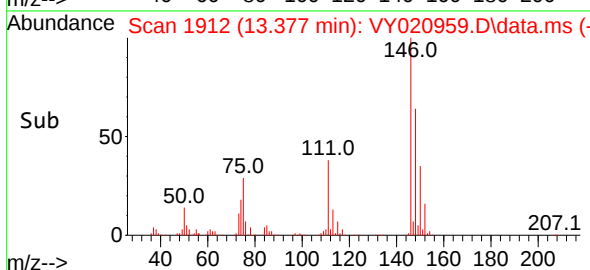
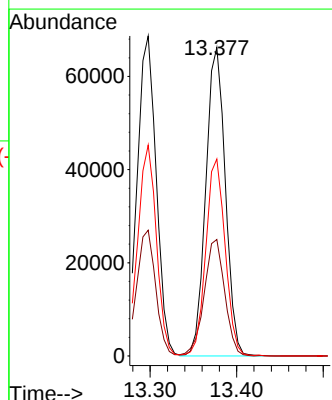
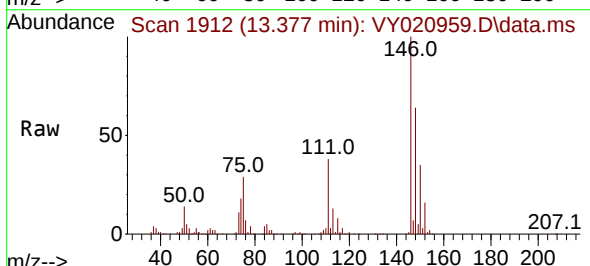
Tgt Ion:146 Resp: 103693

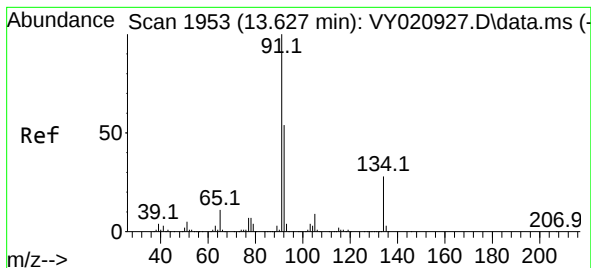
Ion Ratio Lower Upper

146 100

111 39.8 18.8 56.4

148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 20.110 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

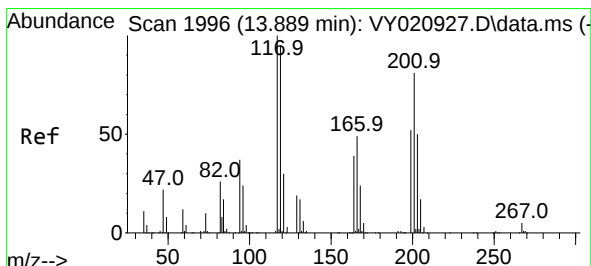
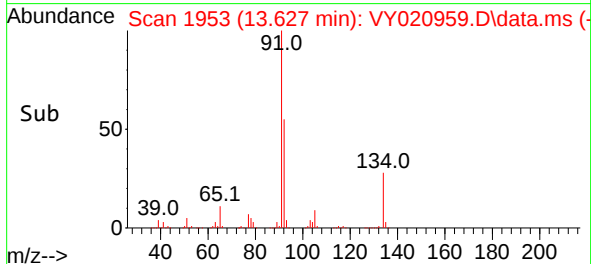
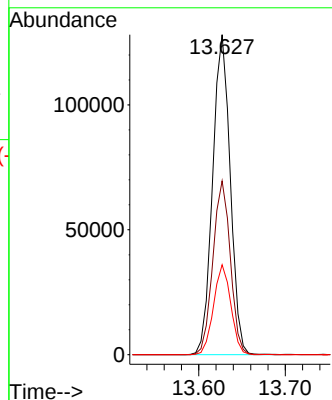
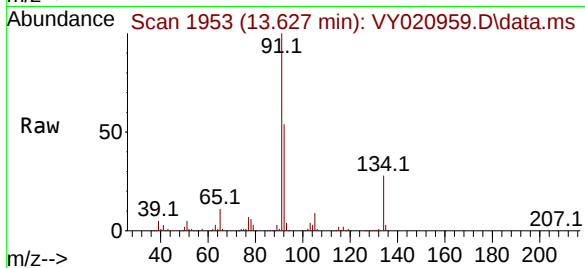
Tgt Ion: 91 Resp: 181149

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 19.975 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020959.D

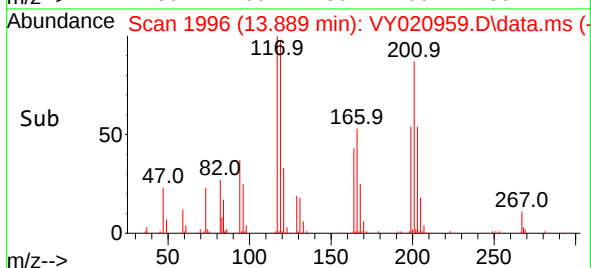
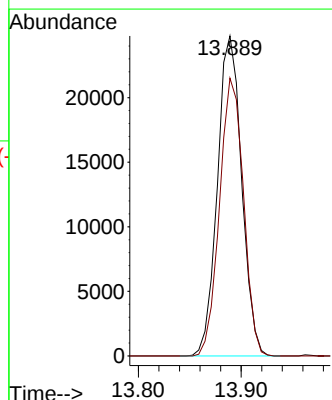
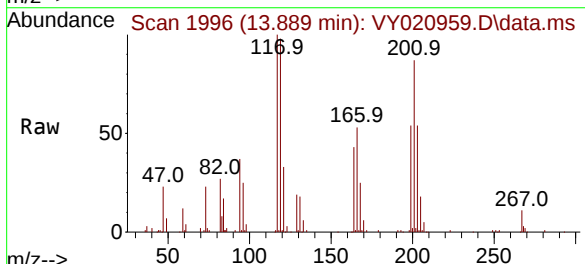
Acq: 29 Jan 2025 10:15

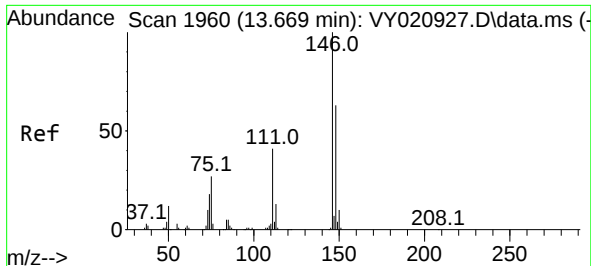
Tgt Ion: 117 Resp: 40522

Ion Ratio Lower Upper

117 100

201 85.5 42.7 128.1

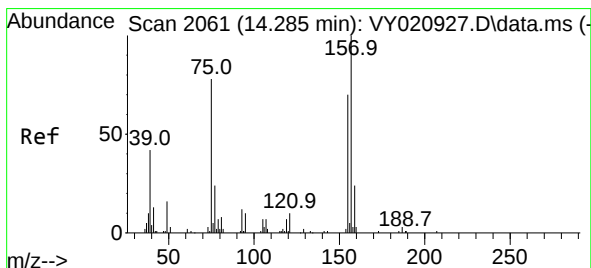
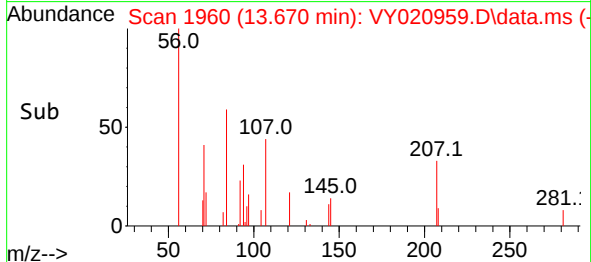
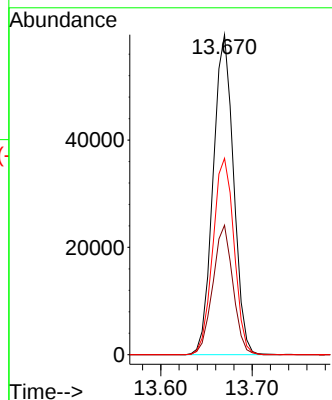
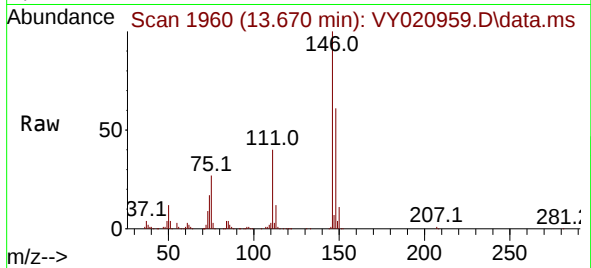




#91
 1,2-Dichlorobenzene
 Concen: 20.822 ug/l
 RT: 13.670 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

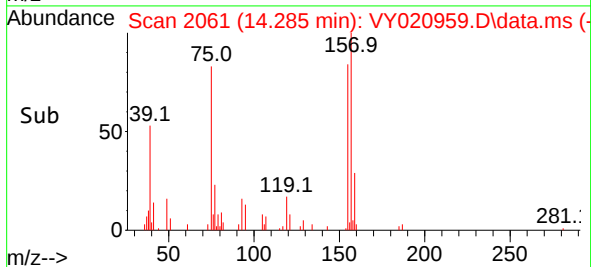
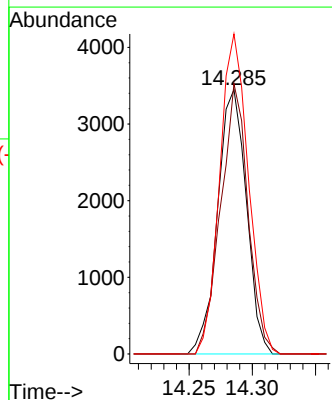
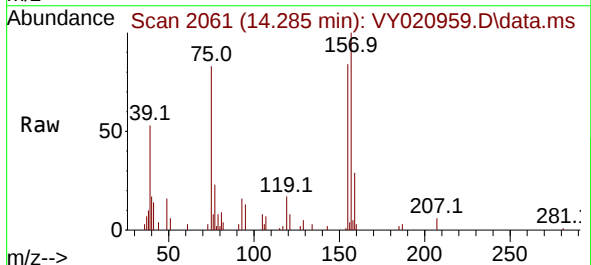
Instrument :
 MSVOA_Y
 ClientSampleId :

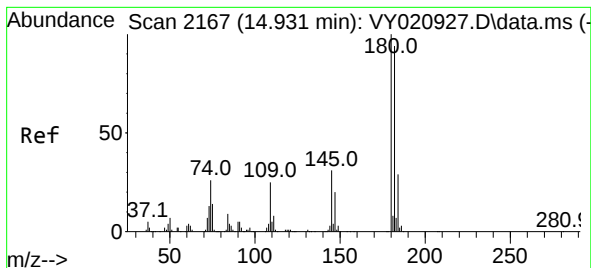
Tgt Ion:146 Resp: 92630
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 63.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.354 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.000 min
 Lab File: VY020959.D
 Acq: 29 Jan 2025 10:15

Tgt Ion: 75 Resp: 5442
 Ion Ratio Lower Upper
 75 100
 155 97.1 46.6 139.7
 157 120.8 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 19.093 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

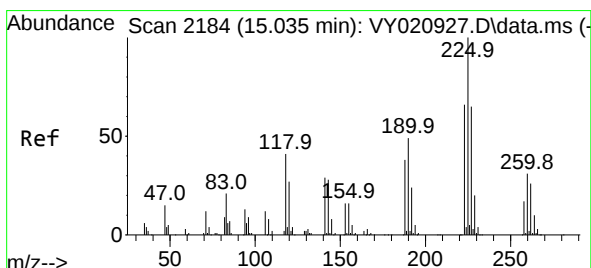
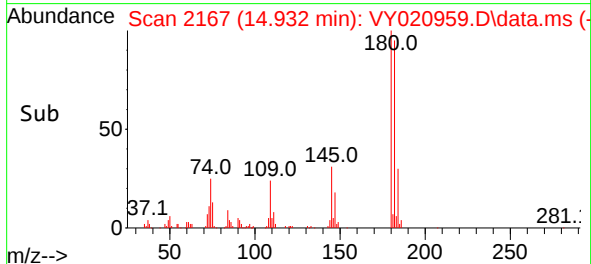
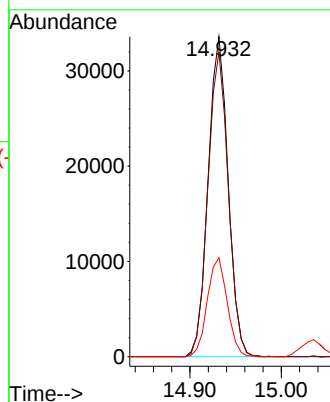
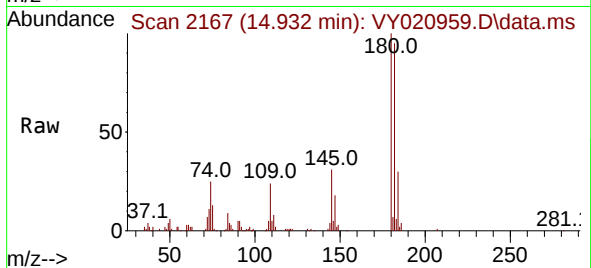
Tgt Ion:180 Resp: 51096

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.2

145 30.8 14.9 44.5



#94

Hexachlorobutadiene

Concen: 19.172 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

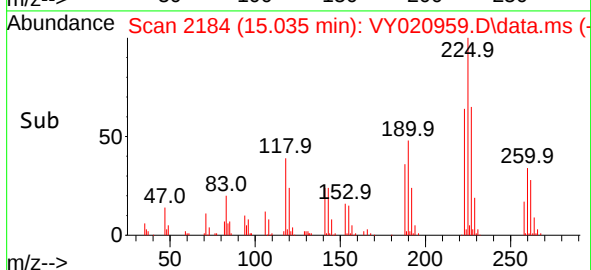
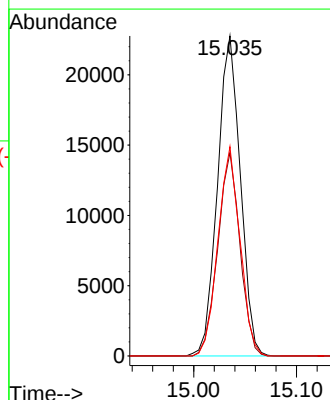
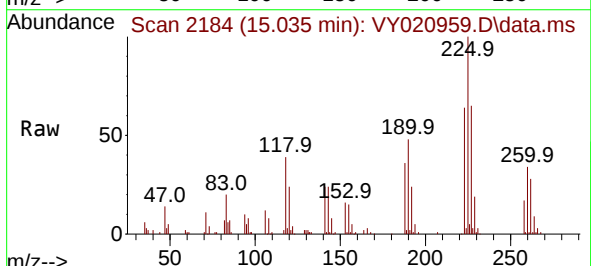
Tgt Ion:225 Resp: 35103

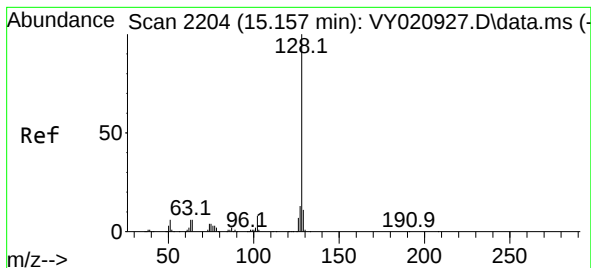
Ion Ratio Lower Upper

225 100

223 61.7 31.5 94.5

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 19.379 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

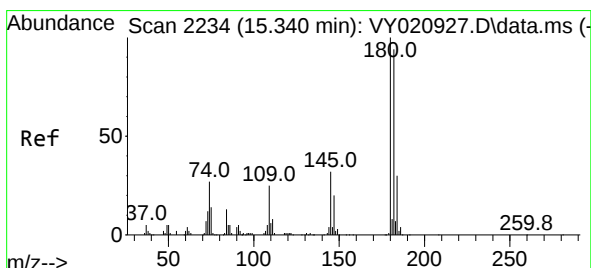
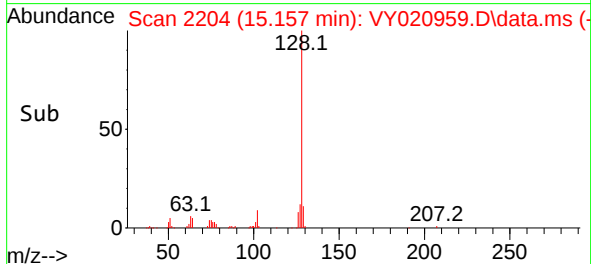
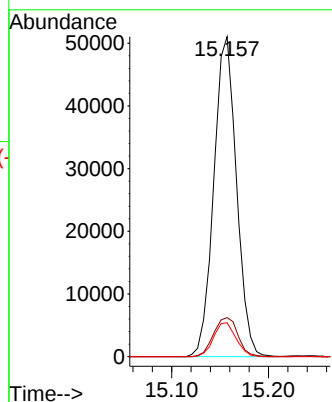
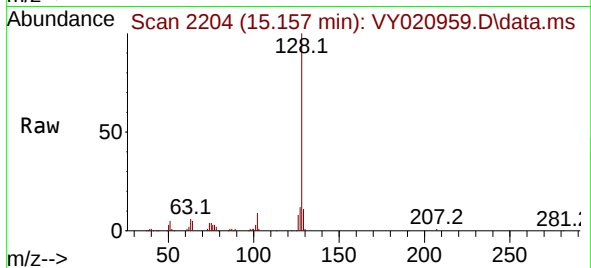
Tgt Ion:128 Resp: 83166

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.468 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020959.D

Acq: 29 Jan 2025 10:15

Tgt Ion:180 Resp: 43772

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.6

145 30.5 15.7 47.0

