

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020934.D
 Acq On : 24 Jan 2025 17:29
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY012425

Quant Time: Jan 25 01:43:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:08:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	249417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	375923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	322470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	159909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102024	51.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.640	113	105359	48.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.640%	
50) Toluene-d8	10.115	98	404094	48.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	12.414	95	137380	49.313	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	87577	46.424	ug/l	100
3) Chloromethane	2.074	50	69378	49.446	ug/l	98
4) Vinyl Chloride	2.208	62	73564	48.106	ug/l	100
5) Bromomethane	2.605	94	51213	49.446	ug/l	94
6) Chloroethane	2.745	64	45591	50.817	ug/l	96
7) Trichlorofluoromethane	3.074	101	159588	49.118	ug/l	99
8) Diethyl Ether	3.464	74	54774	54.852	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.830	101	106487	49.672	ug/l	98
10) Methyl Iodide	4.019	142	129742	50.782	ug/l	100
11) Tert butyl alcohol	4.873	59	35319	230.070	ug/l	99
12) 1,1-Dichloroethene	3.800	96	101729	50.247	ug/l	98
13) Acrolein	3.659	56	55243	265.447	ug/l	100
14) Allyl chloride	4.397	41	146397	51.808	ug/l	98
15) Acrylonitrile	5.074	53	110519	281.559	ug/l	100
16) Acetone	3.879	43	73825	274.000	ug/l	98
17) Carbon Disulfide	4.117	76	313035	50.066	ug/l	100
18) Methyl Acetate	4.397	43	52100	53.528	ug/l	97
19) Methyl tert-butyl Ether	5.129	73	257823	54.981	ug/l	98
20) Methylene Chloride	4.629	84	105786	52.792	ug/l	99
21) trans-1,2-Dichloroethene	5.129	96	111482	51.071	ug/l	98
22) Diisopropyl ether	6.025	45	308334	54.247	ug/l	94
23) Vinyl Acetate	5.970	43	887422	282.102	ug/l	100
24) 1,1-Dichloroethane	5.927	63	188482	52.312	ug/l	99
25) 2-Butanone	6.903	43	129028	282.706	ug/l	94
26) 2,2-Dichloropropane	6.897	77	169896	47.873	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	130137	52.825	ug/l	98
28) Bromochloromethane	7.256	49	80606	55.587	ug/l	100
29) Tetrahydrofuran	7.275	42	87303	287.016	ug/l	100
30) Chloroform	7.433	83	200383	52.547	ug/l	98
31) Cyclohexane	7.707	56	167313	47.247	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	185498	50.150	ug/l	99
36) 1,1-Dichloropropene	7.841	75	146535	48.632	ug/l	99
37) Ethyl Acetate	6.994	43	61220	52.368	ug/l	99
38) Carbon Tetrachloride	7.829	117	176755	48.644	ug/l	98
39) Methylcyclohexane	9.116	83	200589	49.174	ug/l	99
40) Benzene	8.085	78	444264	50.258	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	29279	47.411	ug/l #	86
42) 1,2-Dichloroethane	8.165	62	115847	52.669	ug/l	99
43) Isopropyl Acetate	8.201	43	122144	55.099	ug/l	99
44) Trichloroethene	8.872	130	119881	49.919	ug/l	96
45) 1,2-Dichloropropane	9.146	63	102743	52.655	ug/l	99
46) Dibromomethane	9.238	93	59047	53.229	ug/l	99
47) Bromodichloromethane	9.427	83	153261	51.925	ug/l	98
48) Methyl methacrylate	9.225	41	57683	55.161	ug/l	100
49) 1,4-Dioxane	9.238	88	12853	1125.314	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	312235	279.337	ug/l	99
52) Toluene	10.176	92	291201	51.221	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	144349	53.338	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	170478	52.755	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	77755	51.855	ug/l	98
56) Ethyl methacrylate	10.445	69	110172	56.063	ug/l	99
57) 1,3-Dichloropropane	10.725	76	134618	52.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	259350	290.780	ug/l	100
59) 2-Hexanone	10.768	43	206073	286.705	ug/l	100
60) Dibromochloromethane	10.914	129	111605	52.885	ug/l	100
61) 1,2-Dibromoethane	11.024	107	76262	53.174	ug/l	99
64) Tetrachloroethene	10.652	164	109879	48.963	ug/l	96
65) Chlorobenzene	11.445	112	317906	50.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	114790	51.226	ug/l	99
67) Ethyl Benzene	11.524	91	552137	50.178	ug/l	100
68) m/p-Xylenes	11.634	106	425851	101.071	ug/l	100
69) o-Xylene	11.963	106	201224	51.128	ug/l	99
70) Styrene	11.975	104	341185	52.897	ug/l	100
71) Bromoform	12.140	173	68716	54.155	ug/l #	99
73) Isopropylbenzene	12.261	105	535836	48.654	ug/l	100
74) N-amyl acetate	12.079	43	106558	54.373	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	88378	51.576	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	113555	104.294	ug/l #	100
77) Bromobenzene	12.536	156	128412	49.741	ug/l	99
78) n-propylbenzene	12.603	91	624466	48.677	ug/l	100
79) 2-Chlorotoluene	12.688	91	357417	49.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	435997	49.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	30508	52.132	ug/l	97
82) 4-Chlorotoluene	12.786	91	367341	49.441	ug/l	100
83) tert-Butylbenzene	13.005	119	402986	49.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	434406	49.864	ug/l	99
85) sec-Butylbenzene	13.182	105	567874	48.797	ug/l	100
86) p-Isopropyltoluene	13.298	119	481599	48.984	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	244452	49.449	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	238276	49.067	ug/l	99
89) n-Butylbenzene	13.627	91	423619	48.846	ug/l	100
90) Hexachloroethane	13.889	117	94843	48.560	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	215149	50.233	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13564	52.692	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	132251	51.329	ug/l	98
94) Hexachlorobutadiene	15.029	225	85875	48.715	ug/l	99
95) Naphthalene	15.151	128	231117	55.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	113923	52.629	ug/l	99

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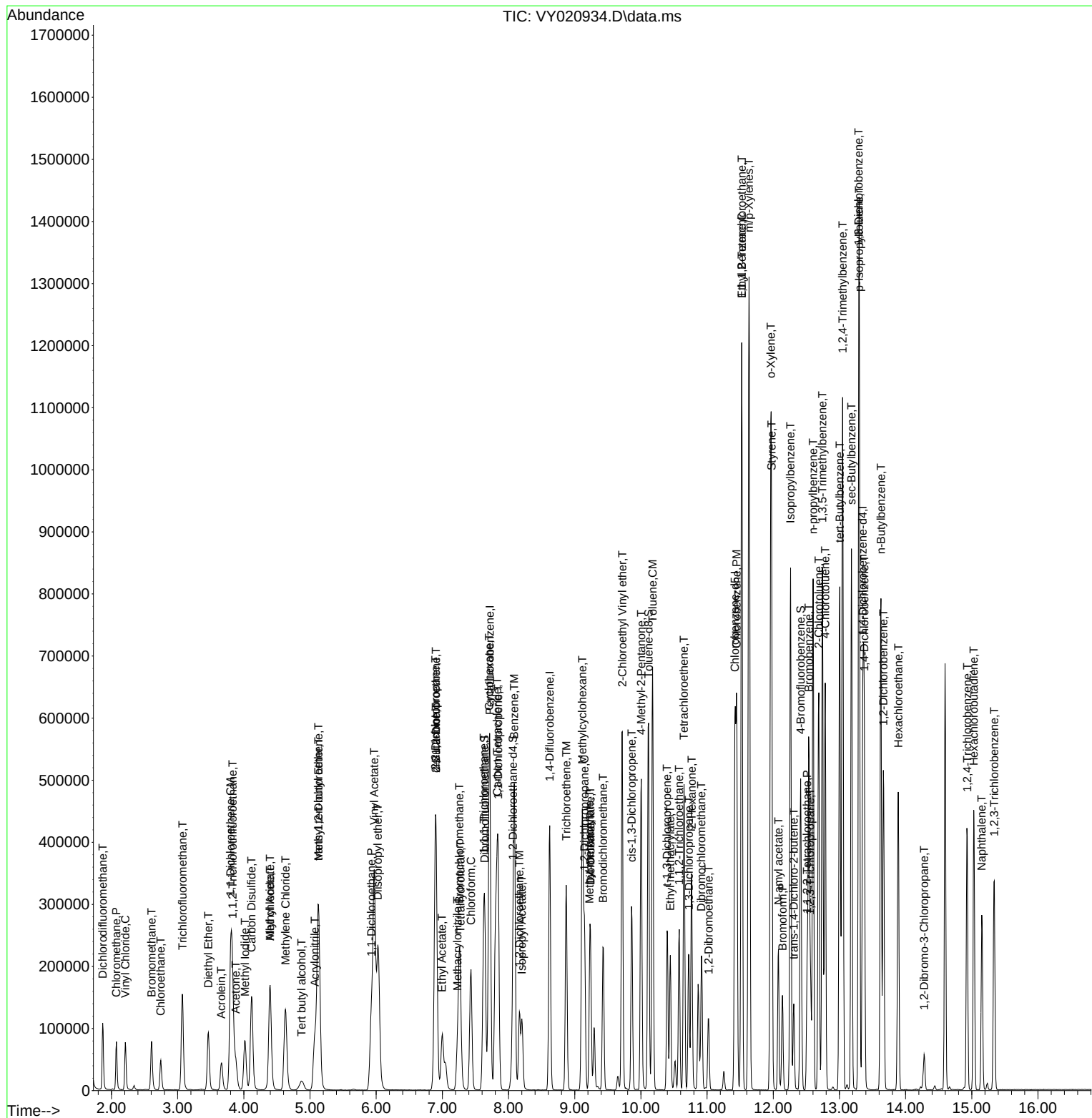
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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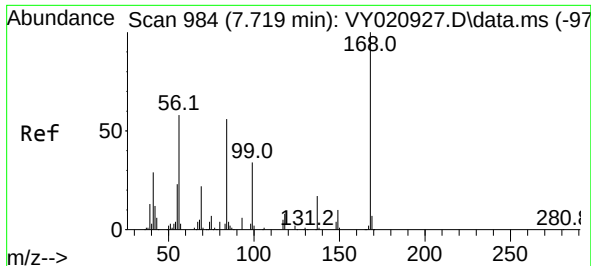
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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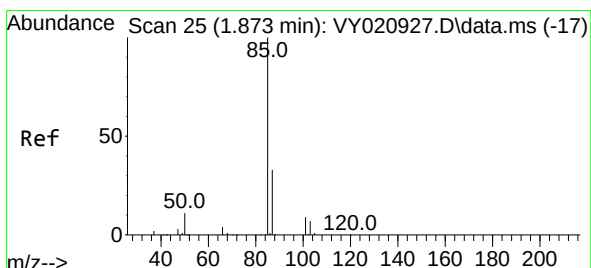
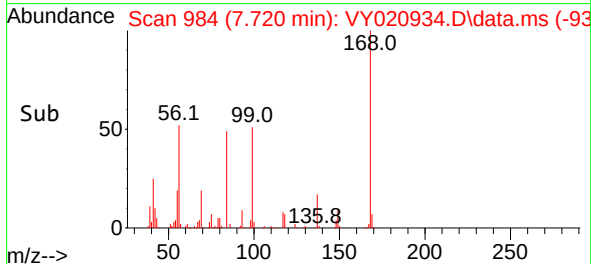
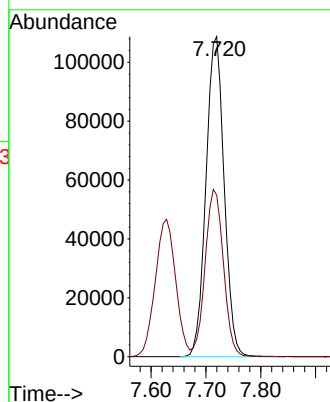
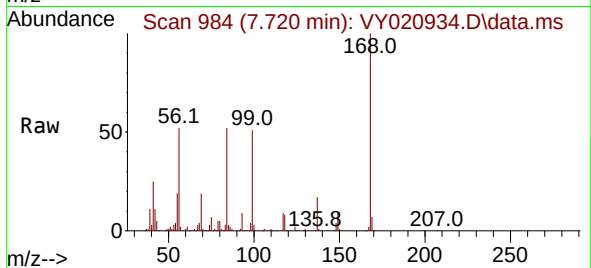




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.001 min
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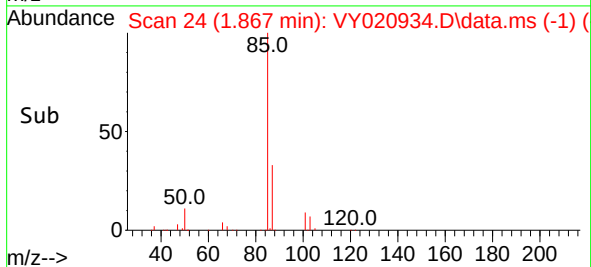
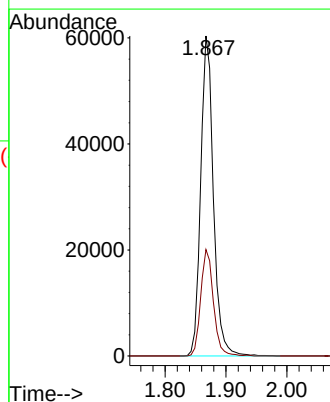
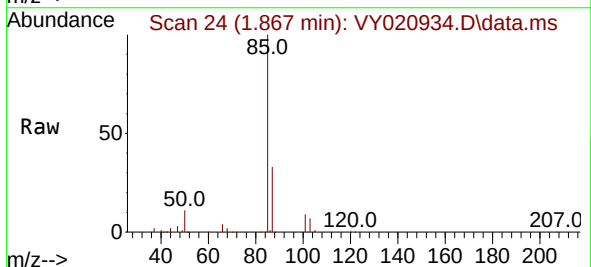
Instrument :
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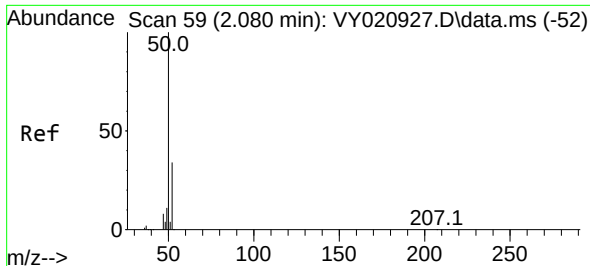
Tgt Ion:168 Resp: 249417
Ion Ratio Lower Upper
168 100
99 50.5 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 46.424 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 85 Resp: 87577
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8

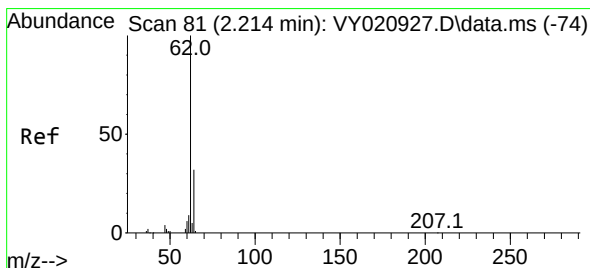
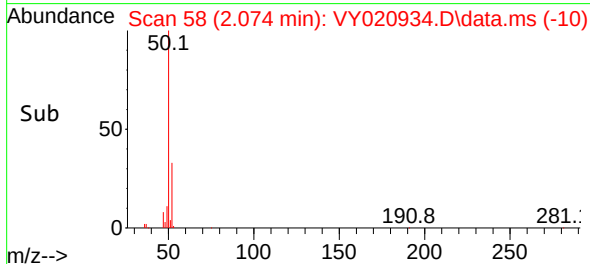
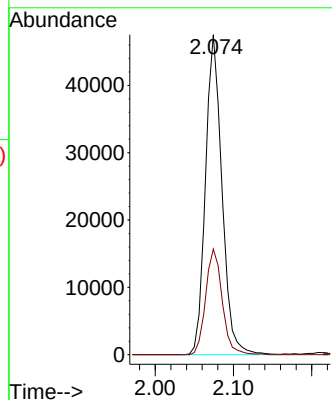
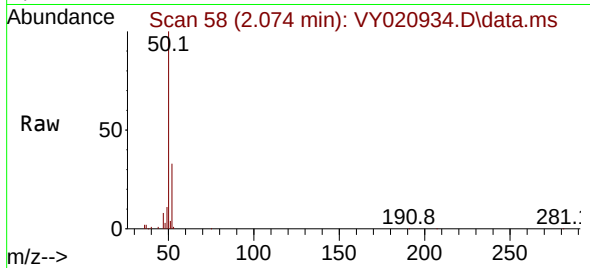




#3
Chloromethane
Concen: 49.446 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

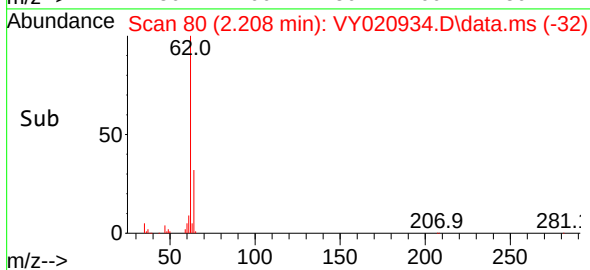
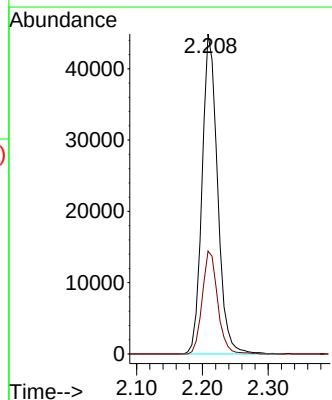
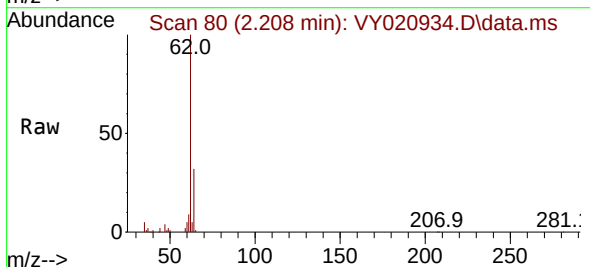
Instrument :
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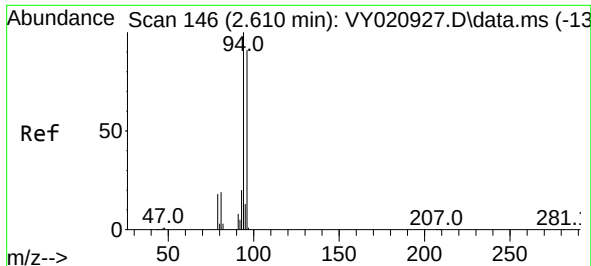
Tgt Ion: 50 Resp: 69378
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0



#4
Vinyl Chloride
Concen: 48.106 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 62 Resp: 73564
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

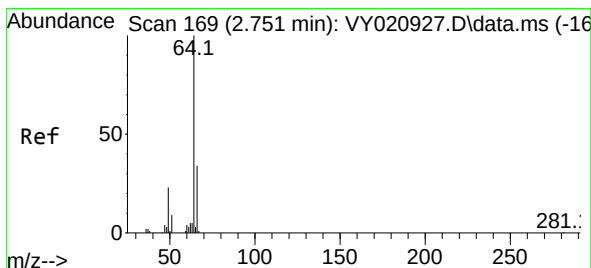
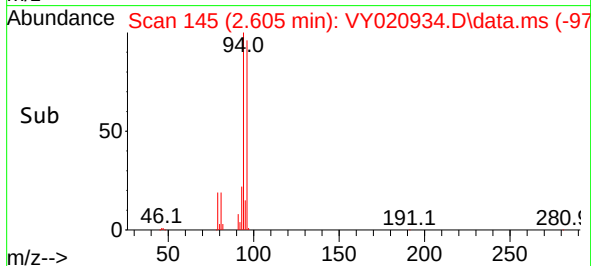
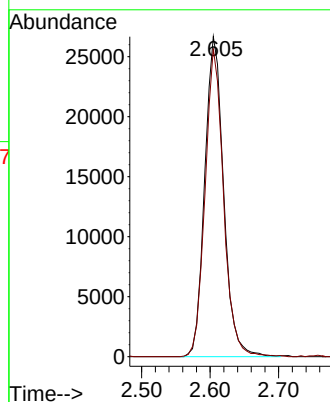
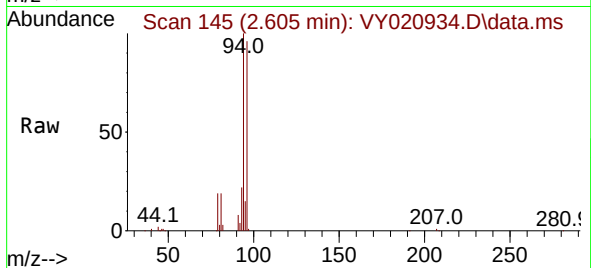




#5
Bromomethane
Concen: 49.446 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

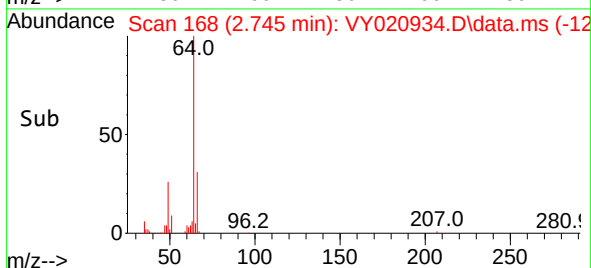
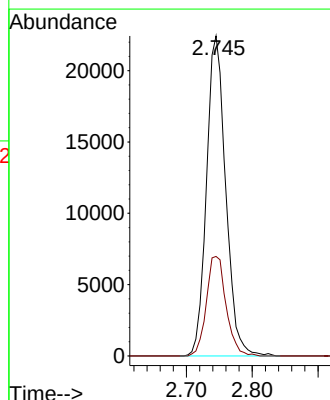
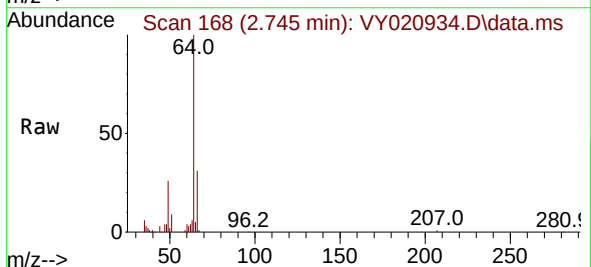
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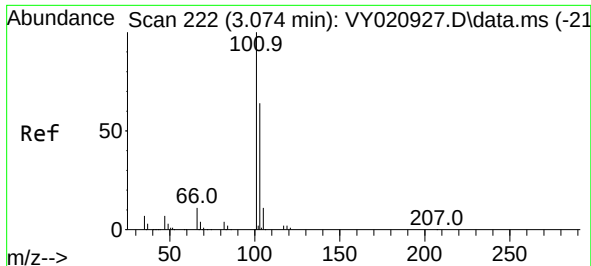
Tgt Ion: 94 Resp: 51213
Ion Ratio Lower Upper
94 100
96 96.3 72.6 109.0



#6
Chloroethane
Concen: 50.817 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 64 Resp: 45591
Ion Ratio Lower Upper
64 100
66 31.1 26.9 40.3

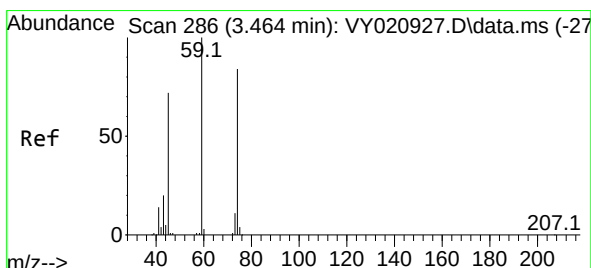
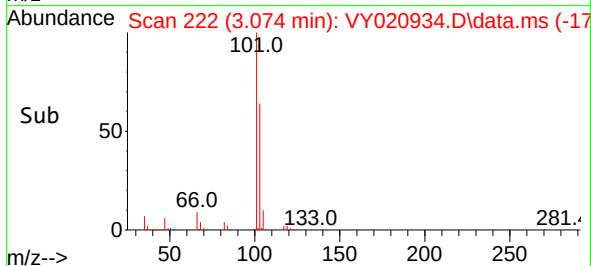
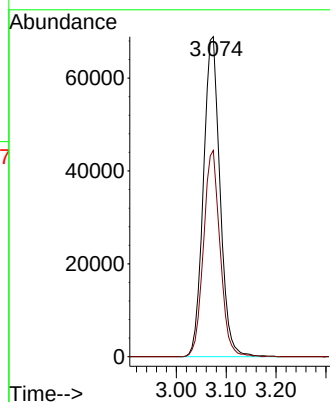
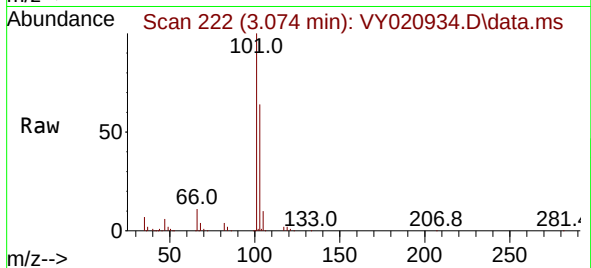




#7
 Trichlorofluoromethane
 Concen: 49.118 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

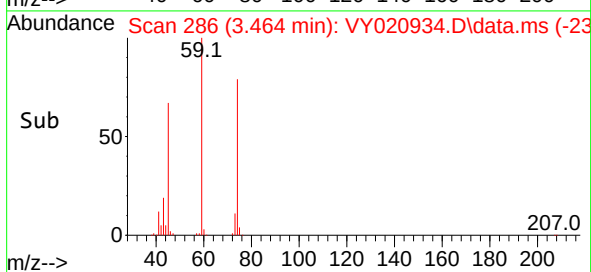
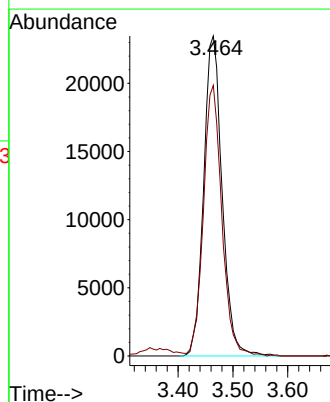
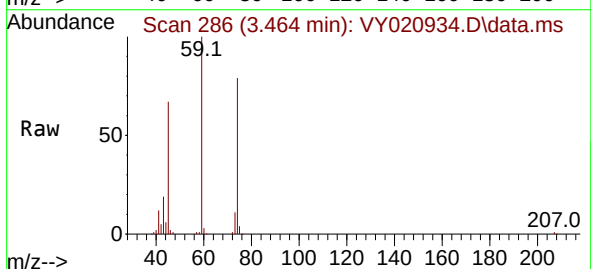
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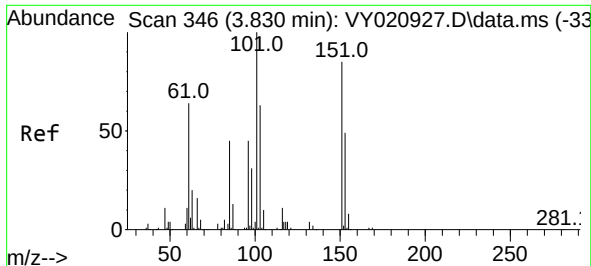
Tgt Ion:101 Resp: 159588
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.4



#8
 Diethyl Ether
 Concen: 54.852 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020934.D
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Tgt Ion: 74 Resp: 54774
 Ion Ratio Lower Upper
 74 100
 45 84.7 45.1 135.2

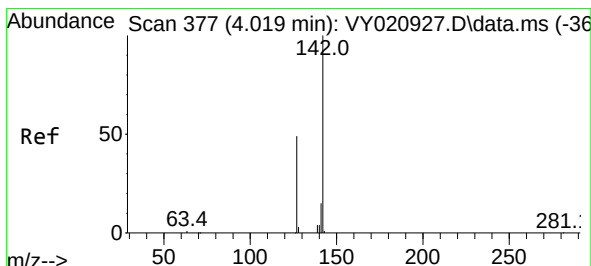
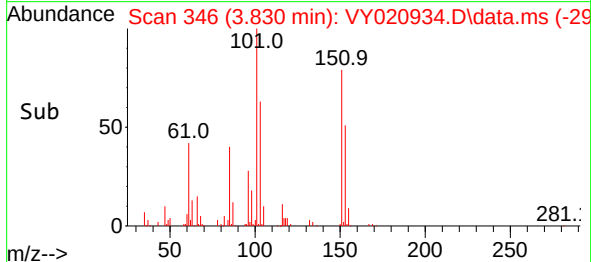
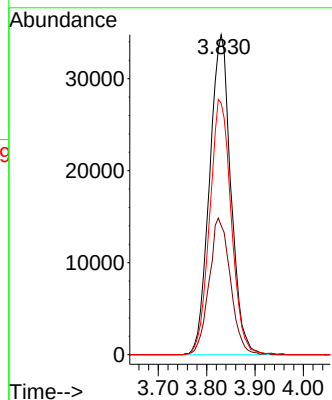
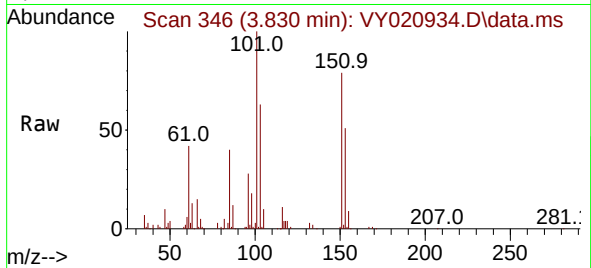




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.672 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

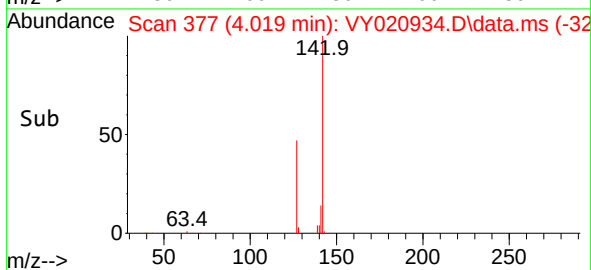
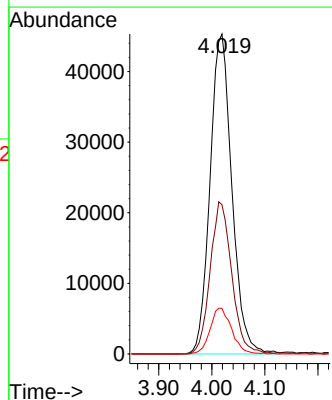
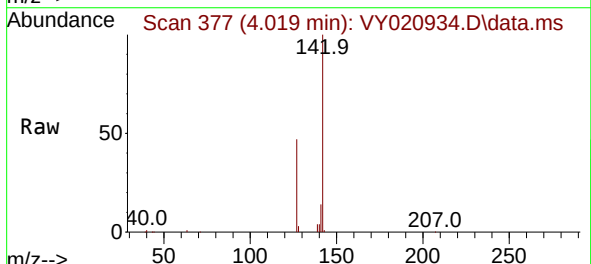
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

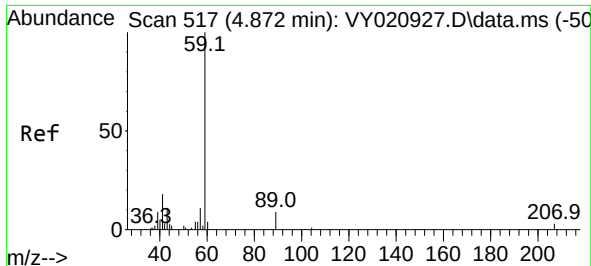
Tgt Ion:101 Resp: 106487
Ion Ratio Lower Upper
101 100
85 42.7 35.4 53.2
151 80.7 66.3 99.5



#10
Methyl Iodide
Concen: 50.782 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion:142 Resp: 129742
Ion Ratio Lower Upper
142 100
127 46.9 37.3 55.9
141 14.1 11.4 17.2

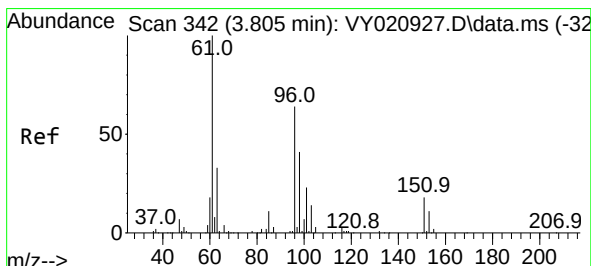
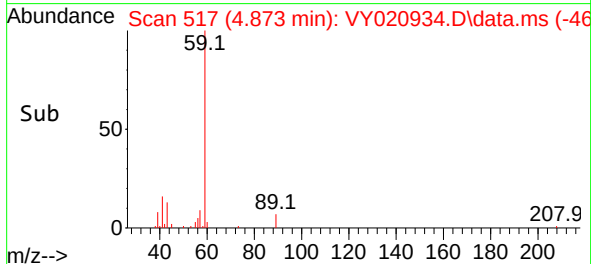
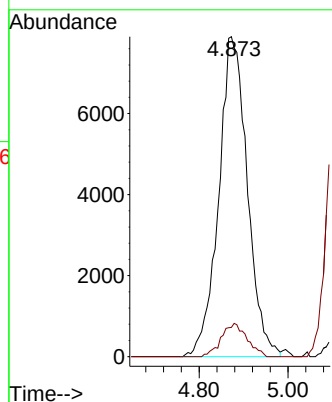
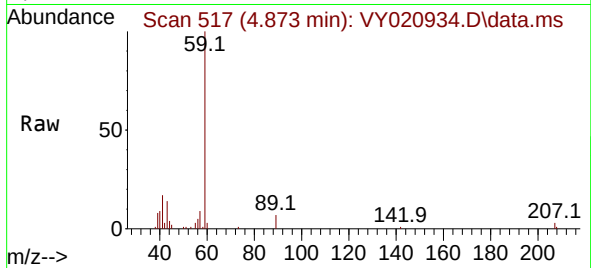




#11
Tert butyl alcohol
Concen: 230.070 ug/l
RT: 4.873 min Scan# 517
Delta R.T. 0.001 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

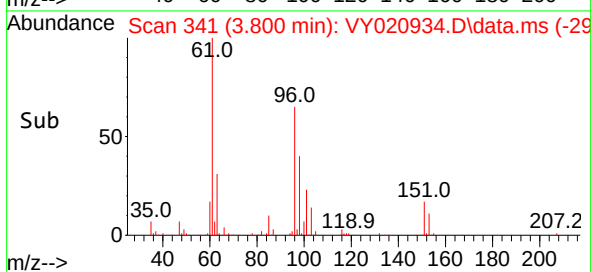
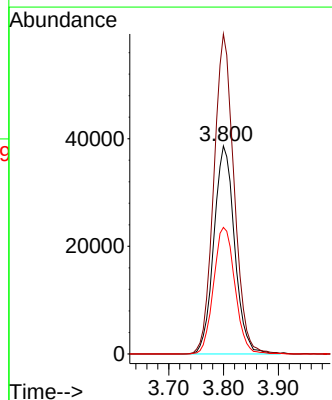
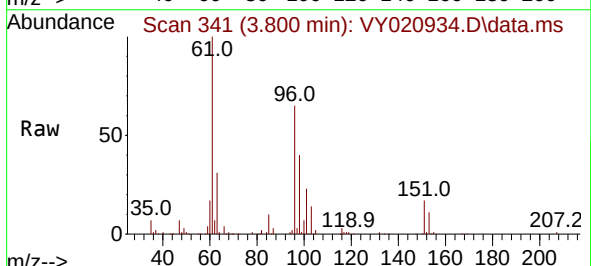
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

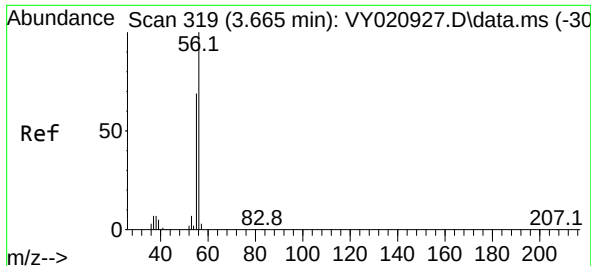
Tgt Ion: 59 Resp: 35319
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.247 ug/l
RT: 3.800 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 96 Resp: 101729
Ion Ratio Lower Upper
96 100
61 153.8 124.5 186.7
98 60.8 50.5 75.7

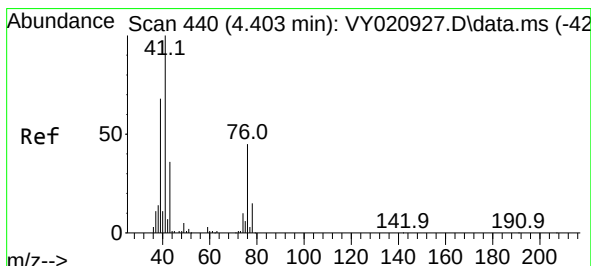
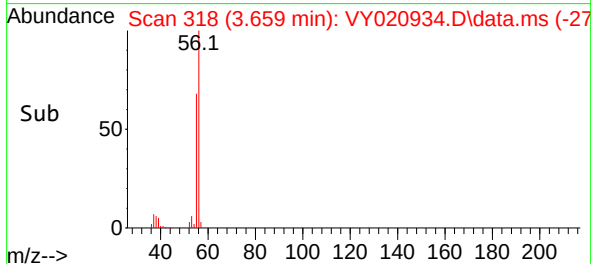
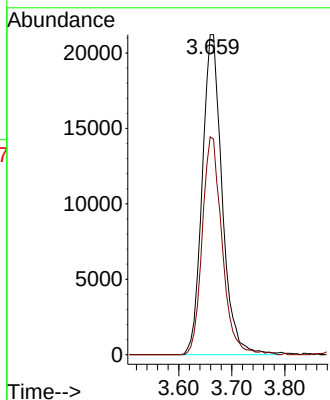
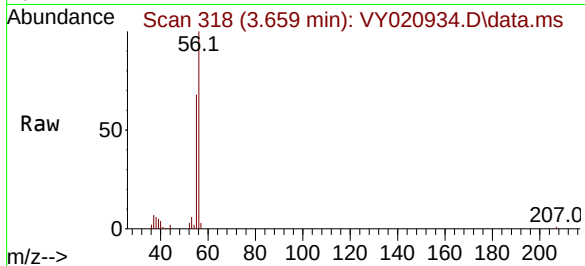




#13
Acrolein
Concen: 265.447 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

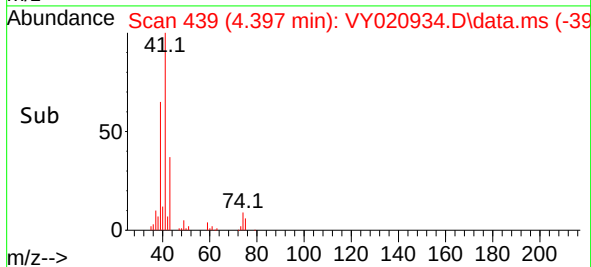
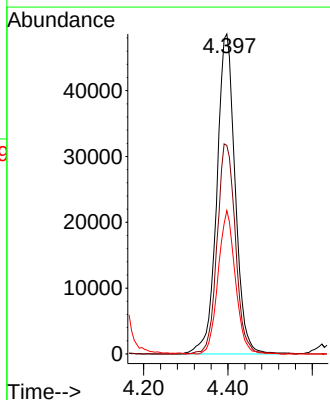
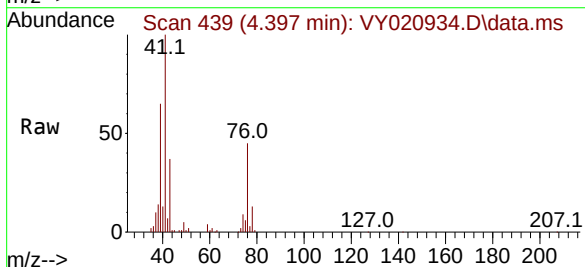
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

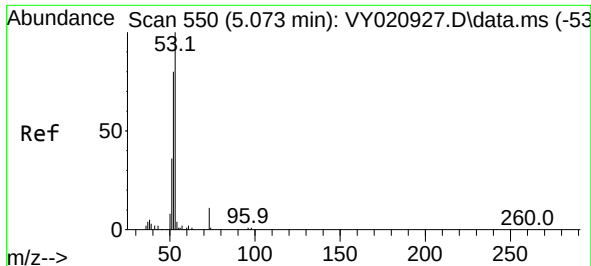
Tgt Ion: 56 Resp: 55243
Ion Ratio Lower Upper
56 100
55 67.9 54.6 81.8



#14
Allyl chloride
Concen: 51.808 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 41 Resp: 146397
Ion Ratio Lower Upper
41 100
39 65.4 53.8 80.6
76 42.1 34.2 51.4

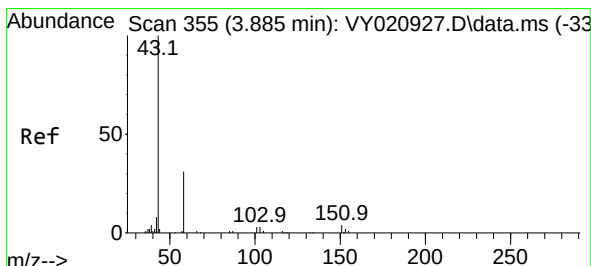
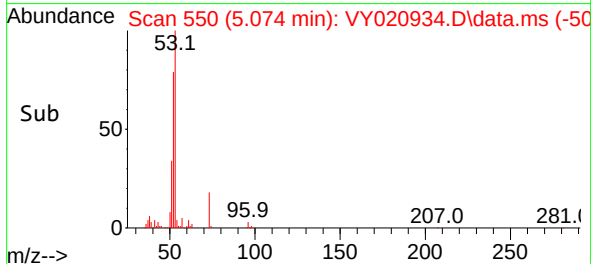
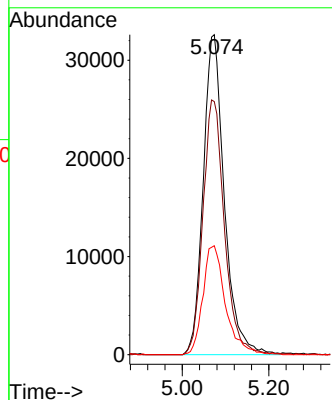
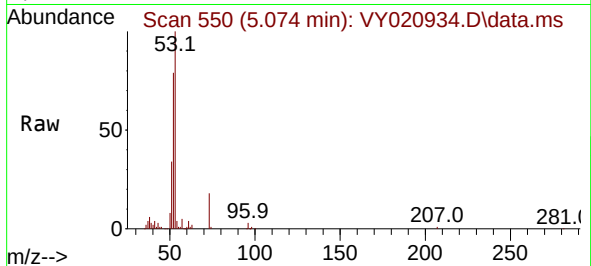




#15
Acrylonitrile
Concen: 281.559 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

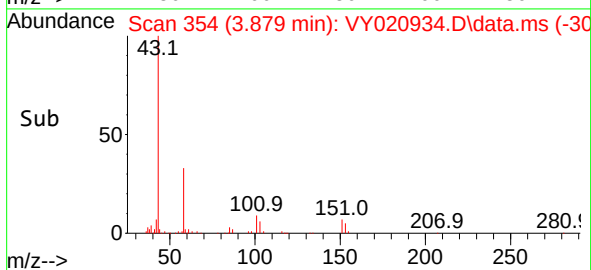
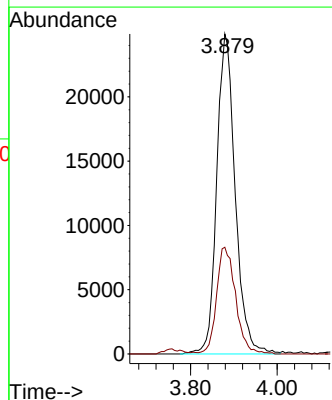
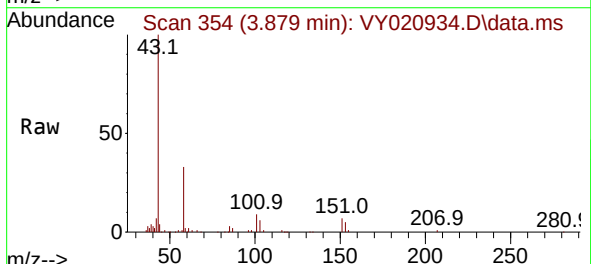
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

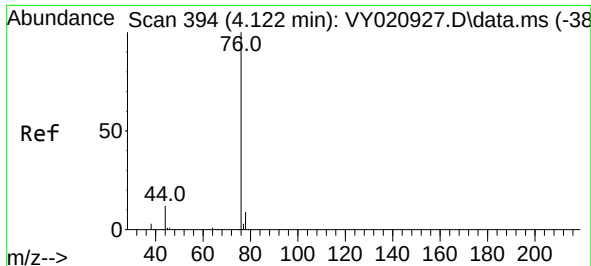
Tgt Ion: 53 Resp: 110519
Ion Ratio Lower Upper
53 100
52 80.9 64.5 96.7
51 36.6 28.9 43.3



#16
Acetone
Concen: 274.000 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 43 Resp: 73825
Ion Ratio Lower Upper
43 100
58 33.4 25.6 38.4





#17

Carbon Disulfide

Concen: 50.066 ug/l

RT: 4.117 min Scan# 394

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

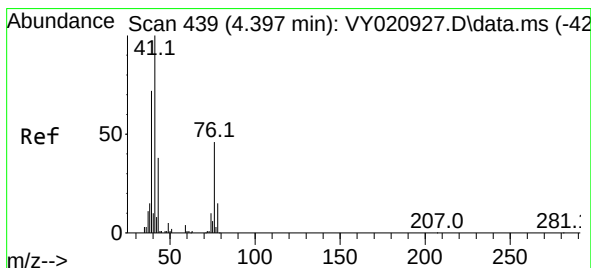
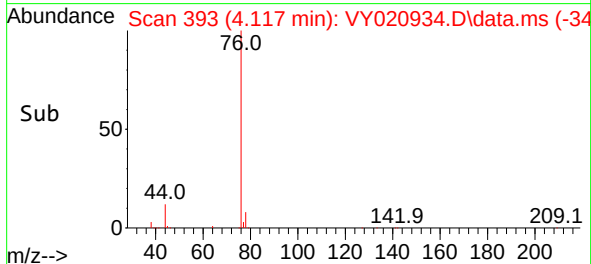
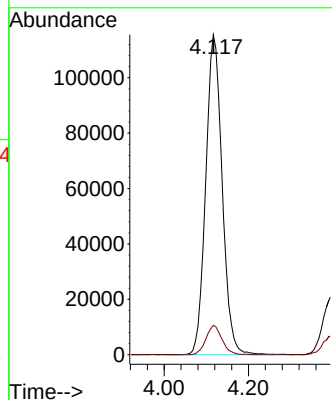
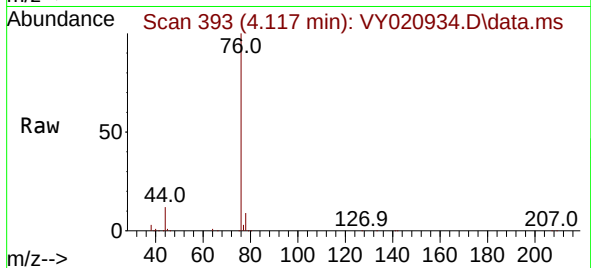
ICVVY012425

Tgt Ion: 76 Resp: 313035

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 53.528 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY020934.D

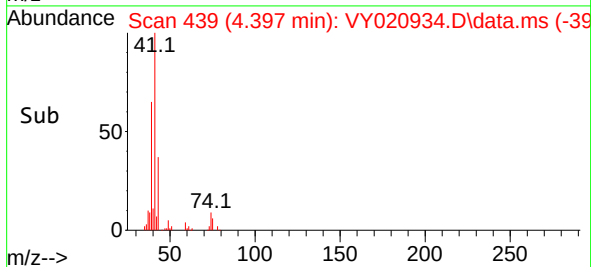
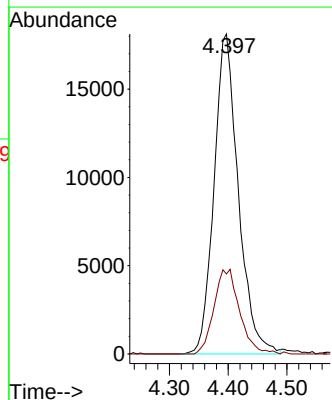
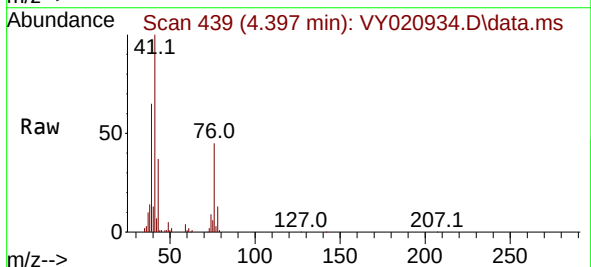
Acq: 24 Jan 2025 17:29

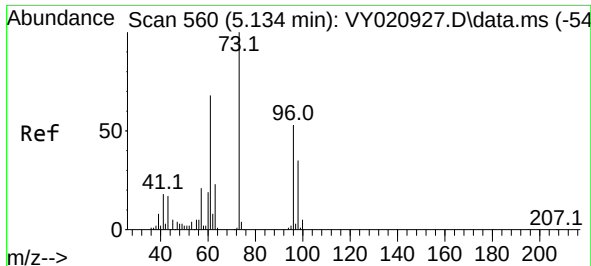
Tgt Ion: 43 Resp: 52100

Ion Ratio Lower Upper

43 100

74 27.8 21.0 31.6

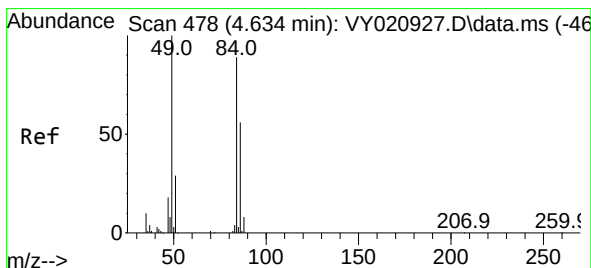
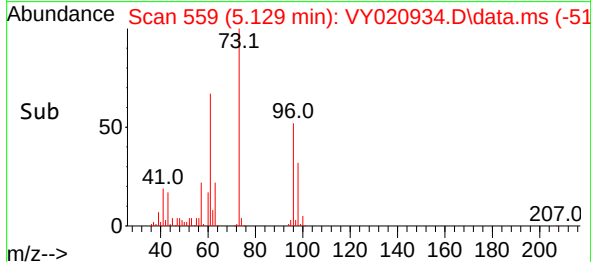
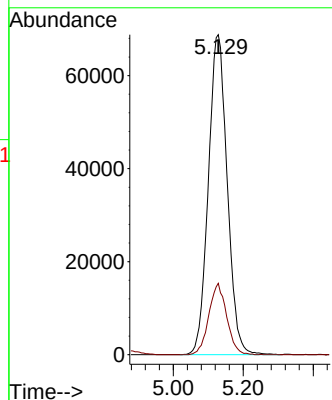
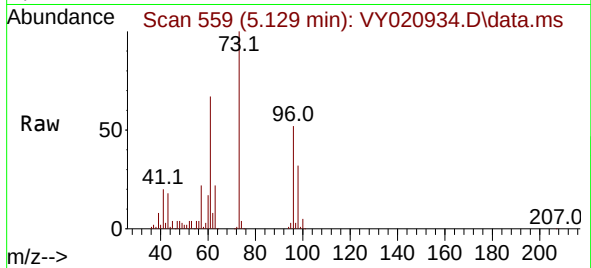




#19
Methyl tert-butyl Ether
Concen: 54.981 ug/l
RT: 5.129 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

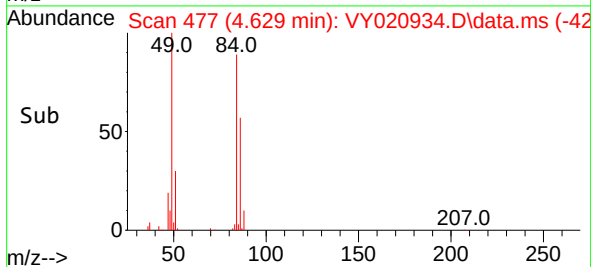
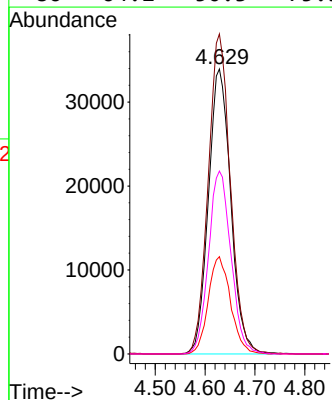
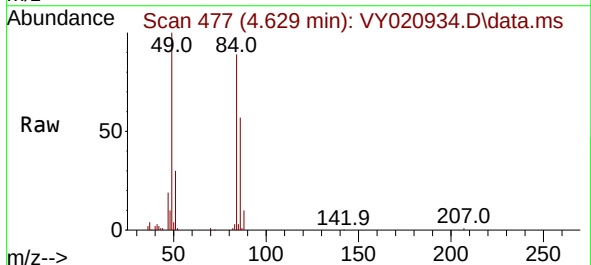
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

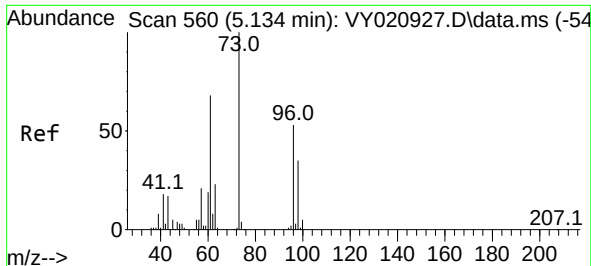
Tgt Ion: 73 Resp: 257823
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 52.792 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 84 Resp: 105786
Ion Ratio Lower Upper
84 100
49 112.3 90.3 135.5
51 34.1 26.6 39.8
86 64.2 50.3 75.5

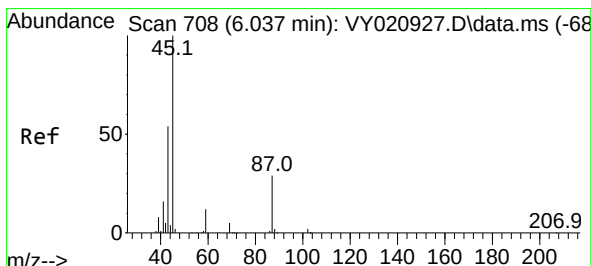
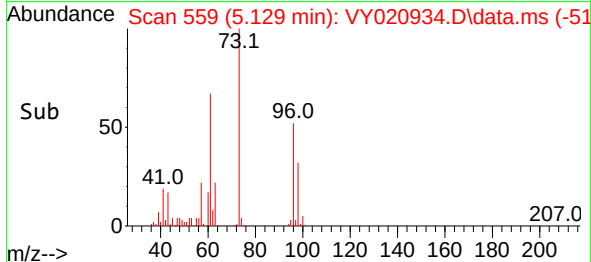
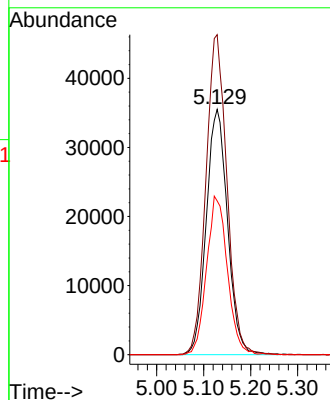
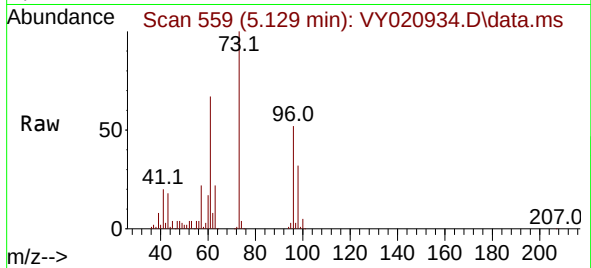




#21
trans-1,2-Dichloroethene
Concen: 51.071 ug/l
RT: 5.129 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

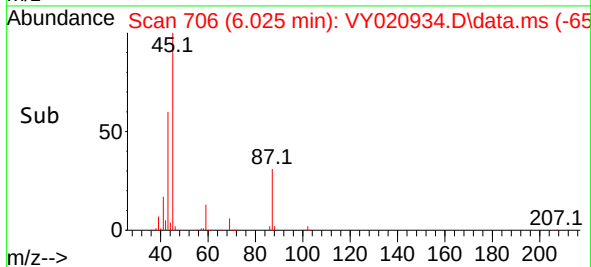
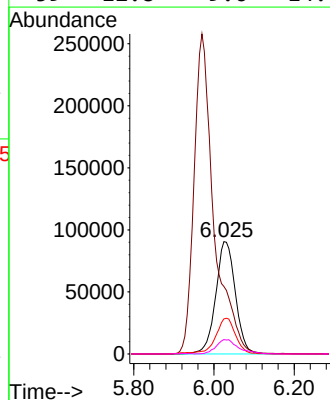
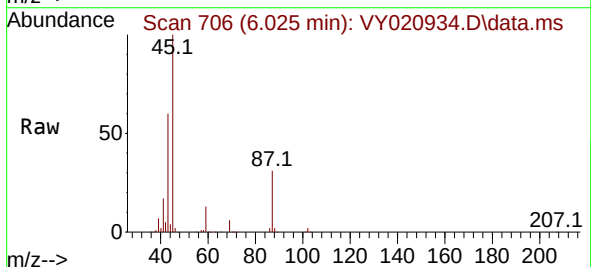
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

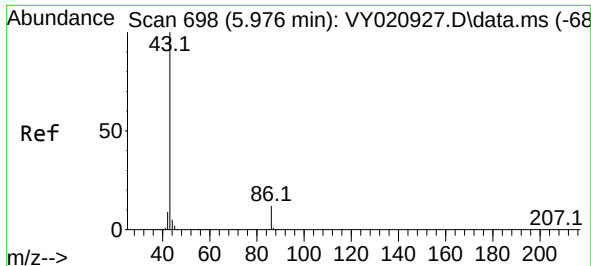
Tgt Ion: 96 Resp: 111482
Ion Ratio Lower Upper
96 100
61 130.3 102.4 153.6
98 62.6 52.0 78.0



#22
Diisopropyl ether
Concen: 54.247 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 45 Resp: 308334
Ion Ratio Lower Upper
45 100
43 59.8 43.2 64.8
87 31.2 23.4 35.0
59 12.8 9.6 14.4

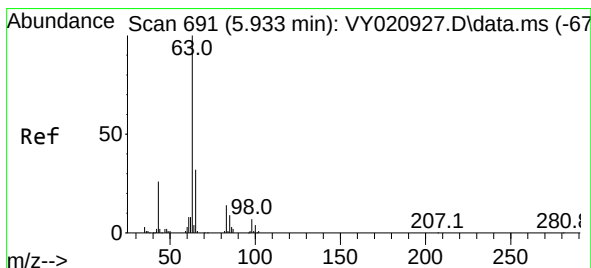
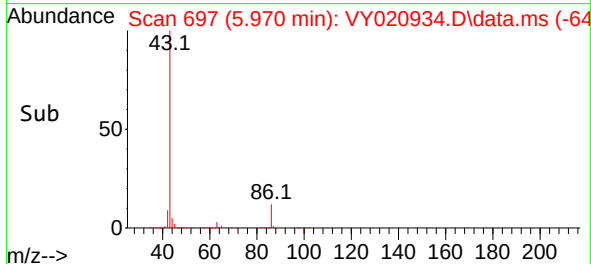
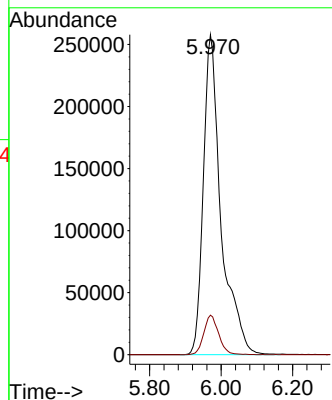
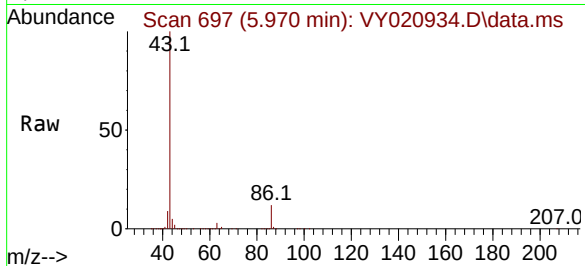




#23
 Vinyl Acetate
 Concen: 282.102 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

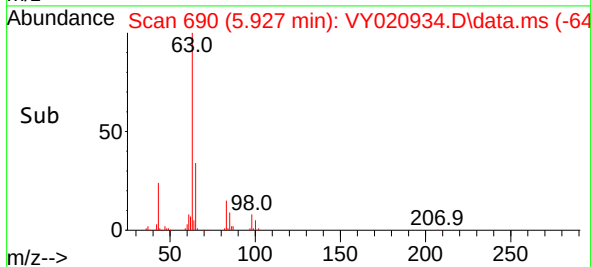
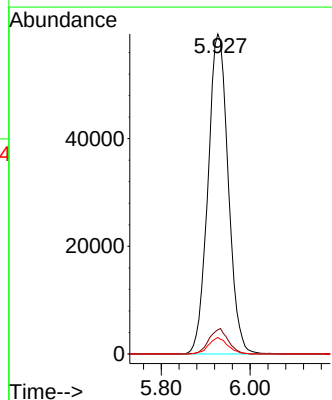
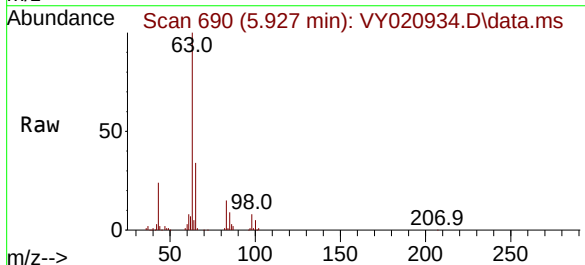
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012425

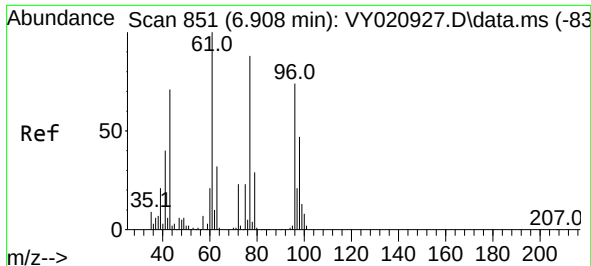
Tgt Ion: 43 Resp: 887422
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 52.312 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

Tgt Ion: 63 Resp: 188482
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 5.2 2.3 6.8

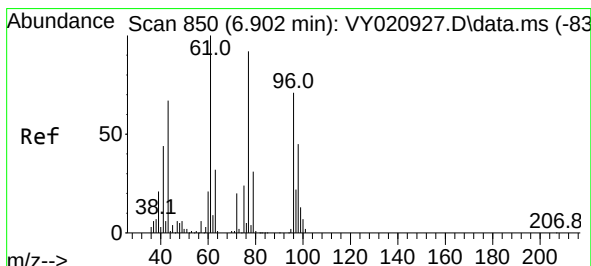
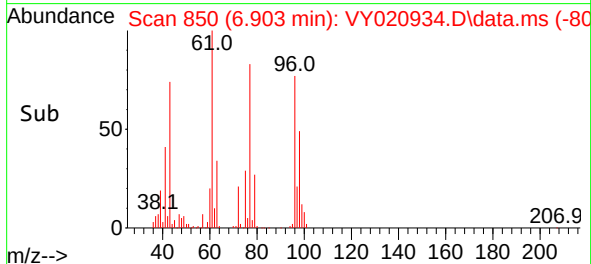
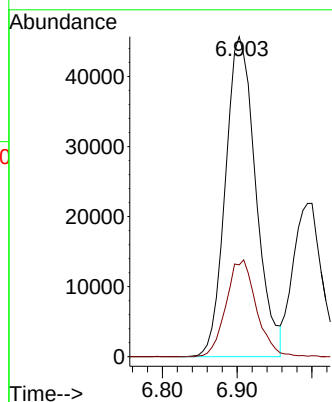
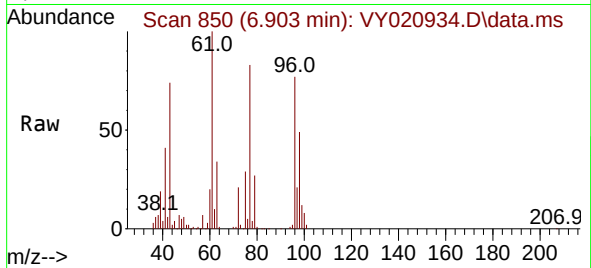




#25
2-Butanone
Concen: 282.706 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

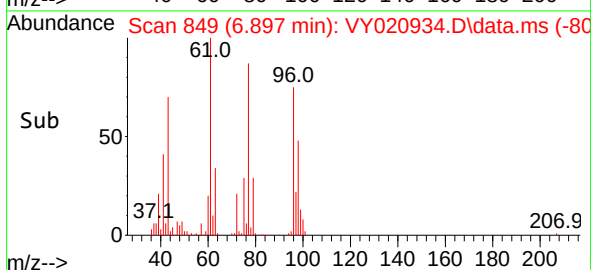
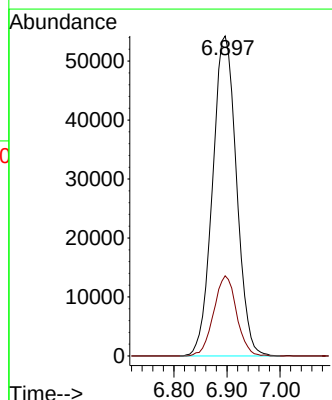
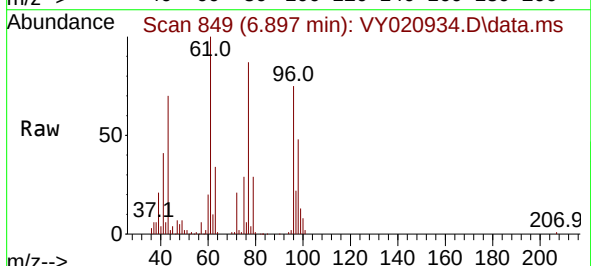
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

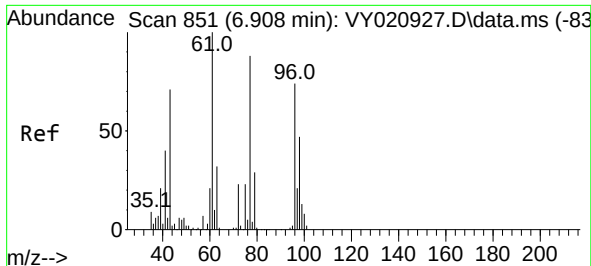
Tgt Ion: 43 Resp: 129028
Ion Ratio Lower Upper
43 100
72 28.7 25.8 38.8



#26
2,2-Dichloropropane
Concen: 47.873 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 77 Resp: 169896
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1

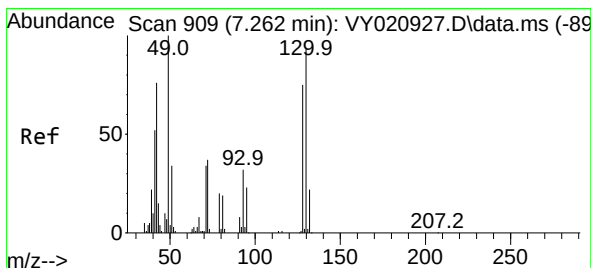
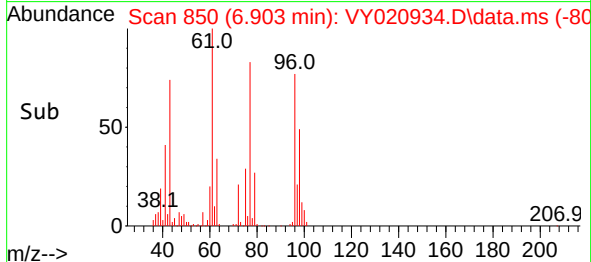
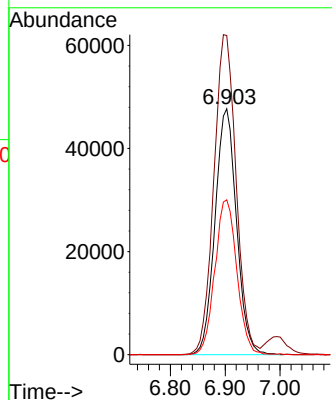
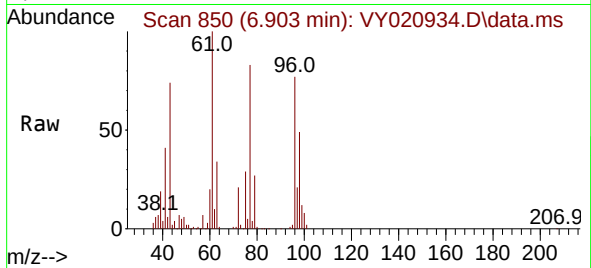




#27
 cis-1,2-Dichloroethene
 Concen: 52.825 ug/l
 RT: 6.903 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

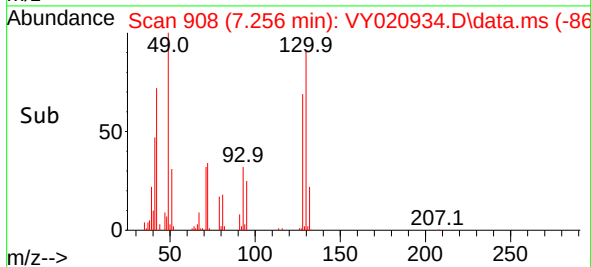
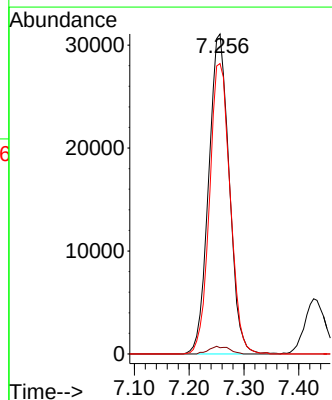
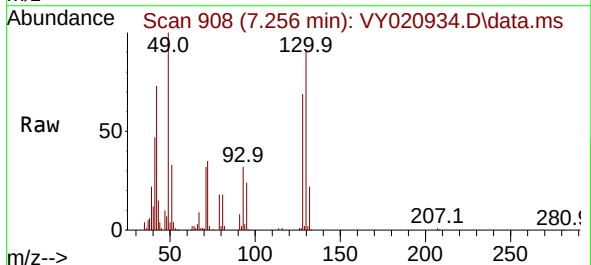
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012425

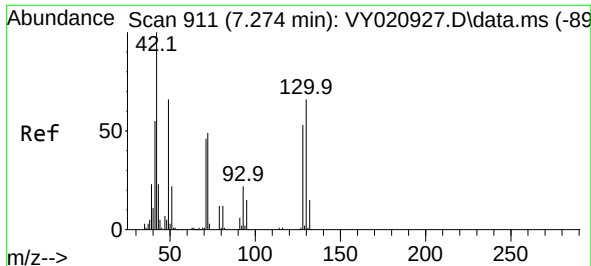
Tgt Ion: 96 Resp: 130137
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 275.2
 98 64.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 55.587 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

Tgt Ion: 49 Resp: 80606
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 91.1 72.6 109.0





#29

Tetrahydrofuran

Concen: 287.016 ug/l

RT: 7.275 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012425

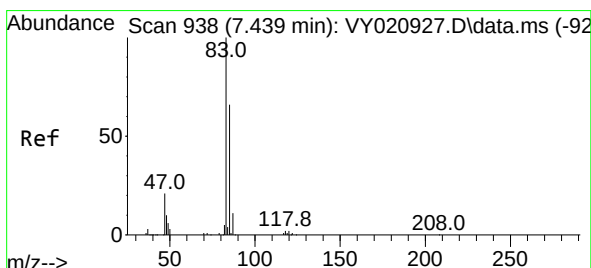
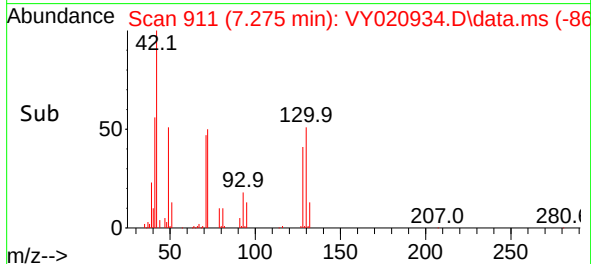
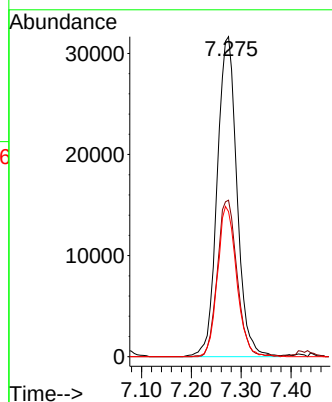
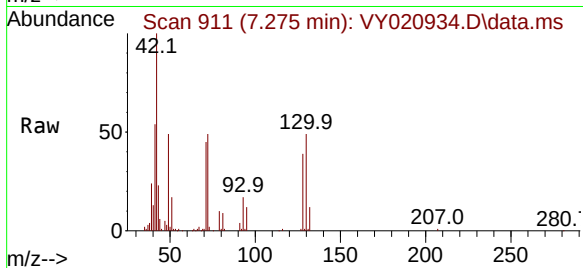
Tgt Ion: 42 Resp: 87303

Ion Ratio Lower Upper

42 100

72 48.7 38.8 58.2

71 45.5 36.4 54.6



#30

Chloroform

Concen: 52.547 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020934.D

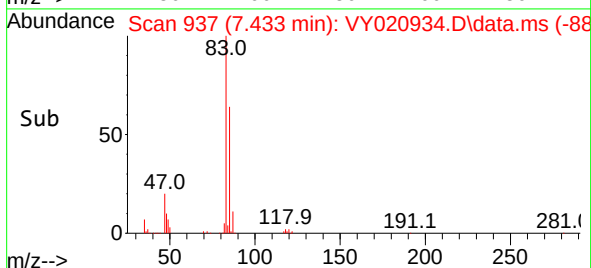
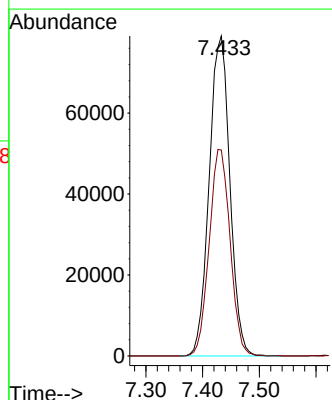
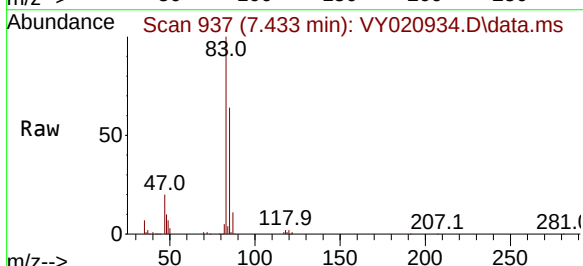
Acq: 24 Jan 2025 17:29

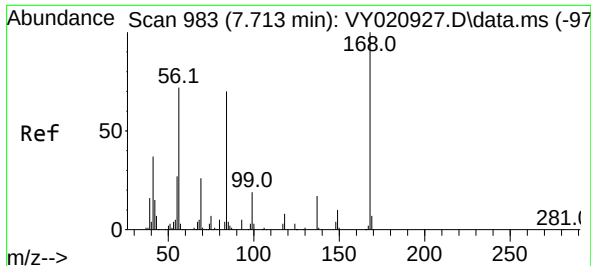
Tgt Ion: 83 Resp: 200383

Ion Ratio Lower Upper

83 100

85 64.4 53.0 79.4

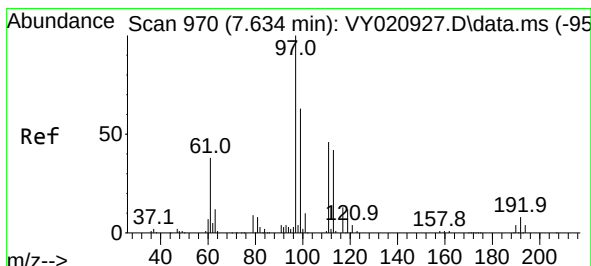
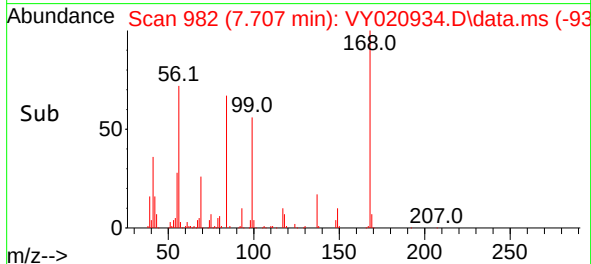
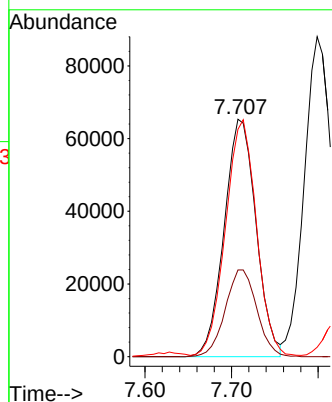
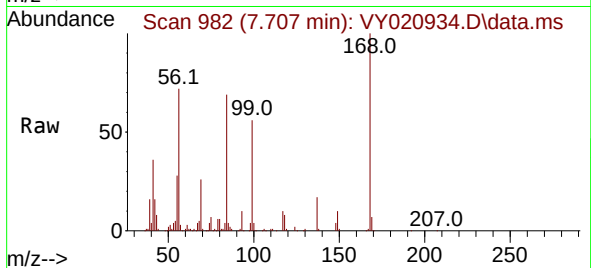




#31
Cyclohexane
Concen: 47.247 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

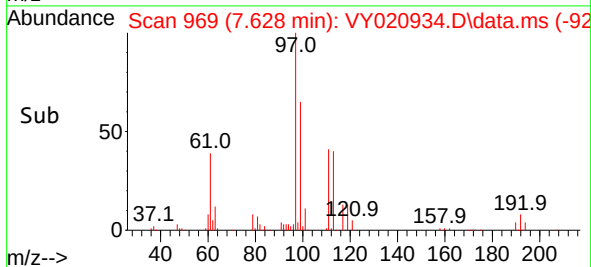
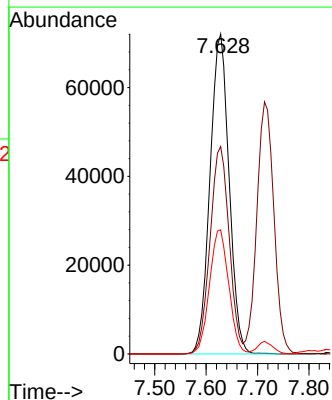
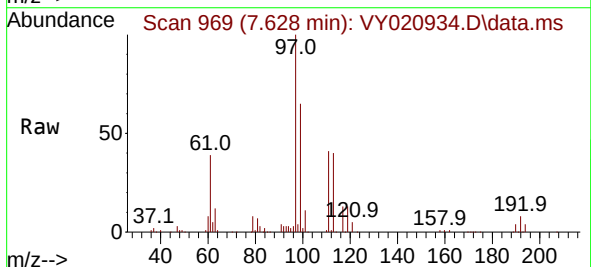
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

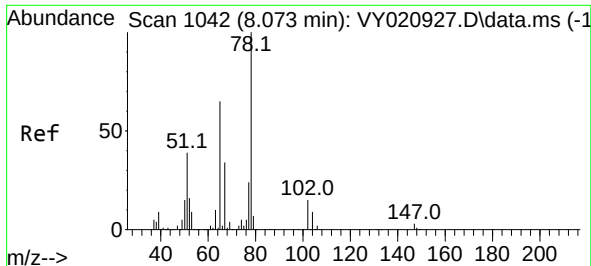
Tgt Ion: 56 Resp: 167313
Ion Ratio Lower Upper
56 100
69 36.5 28.7 43.1
84 94.4 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 50.150 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 97 Resp: 185498
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 39.4 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 51.304 ug/l

RT: 8.067 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

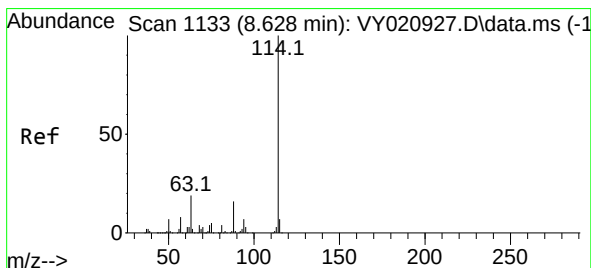
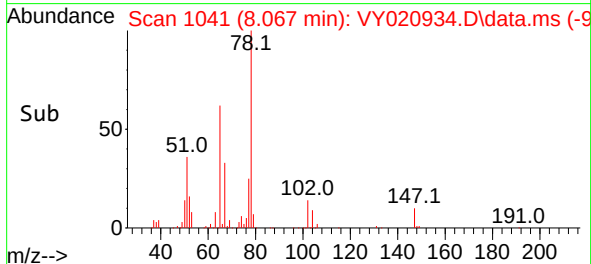
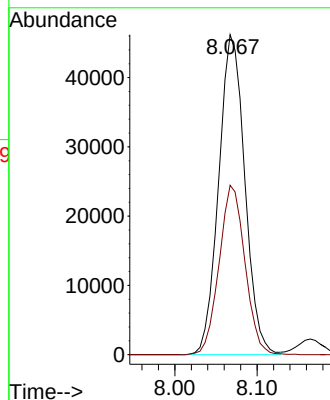
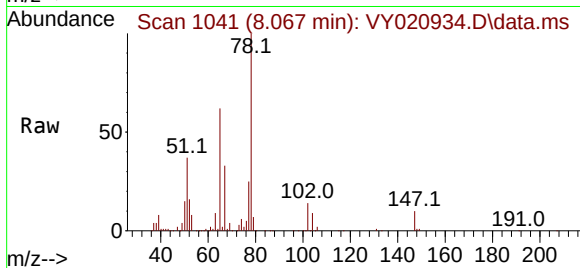
ICVVY012425

Tgt Ion: 65 Resp: 102024

Ion Ratio Lower Upper

65 100

67 52.4 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: VY020934.D

Acq: 24 Jan 2025 17:29

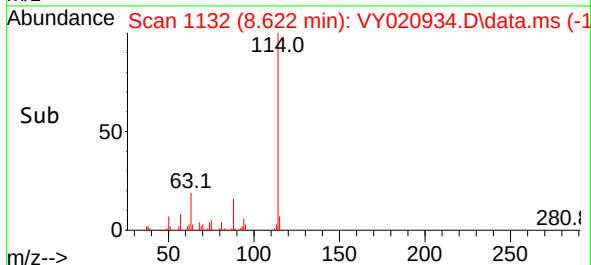
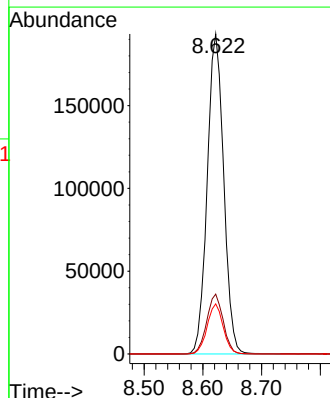
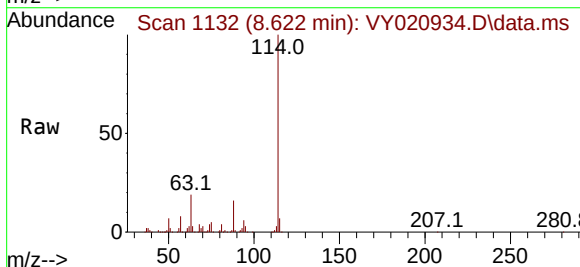
Tgt Ion: 114 Resp: 375923

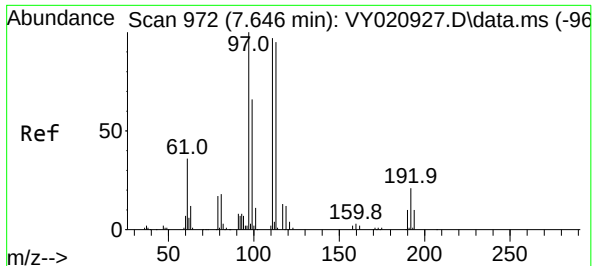
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

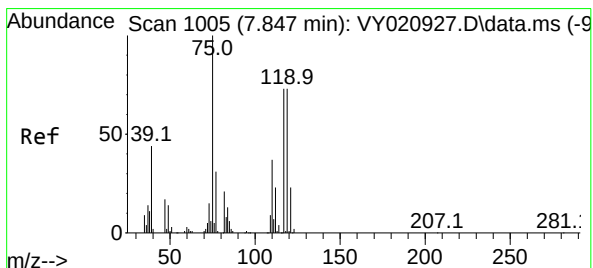
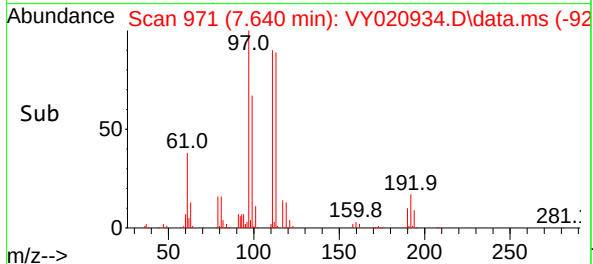
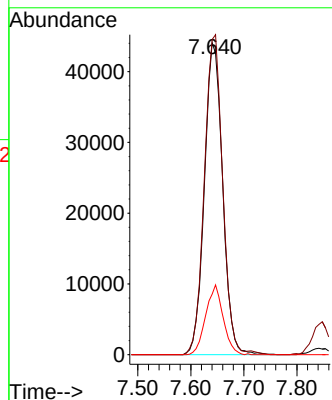
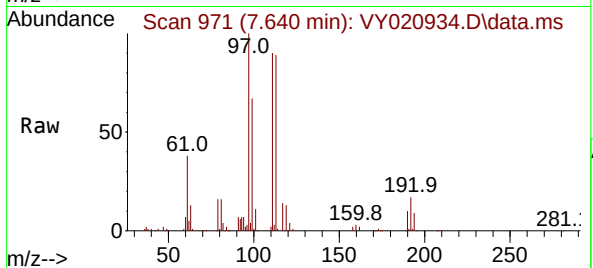
Tgt Ion:113 Resp: 105359

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 21.4 17.4 26.2



#36

1,1-Dichloropropene

Concen: 48.632 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

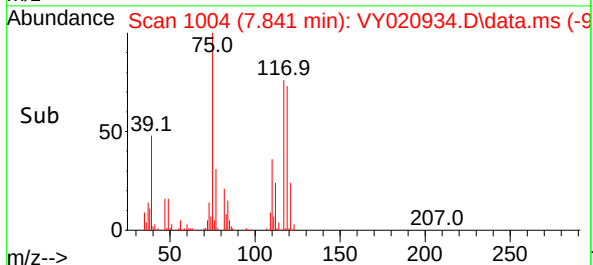
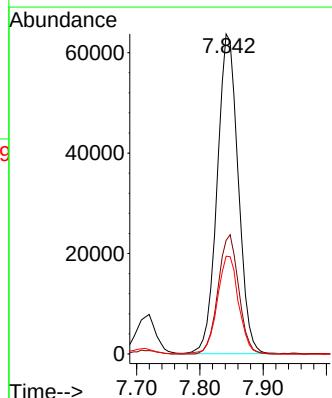
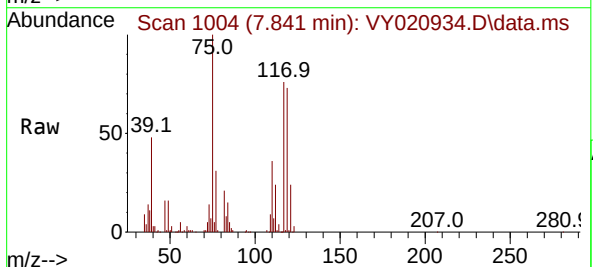
Tgt Ion: 75 Resp: 146535

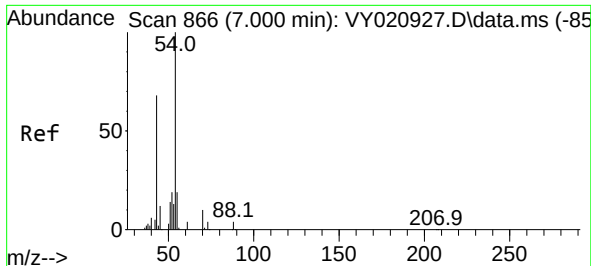
Ion Ratio Lower Upper

75 100

110 36.6 18.5 55.5

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 52.368 ug/l

RT: 6.994 min Scan# 865

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

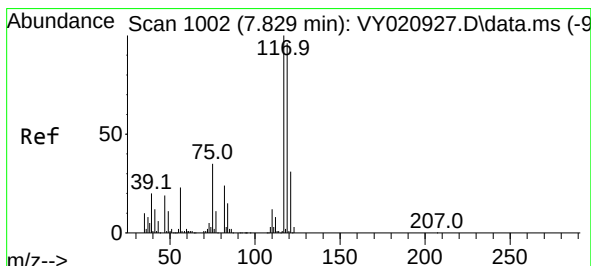
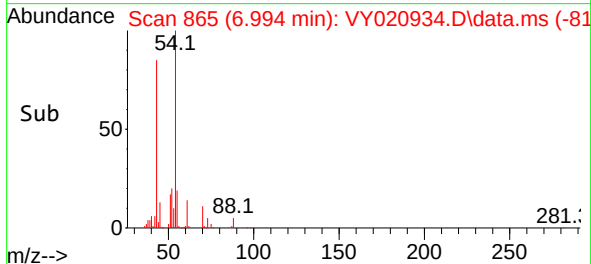
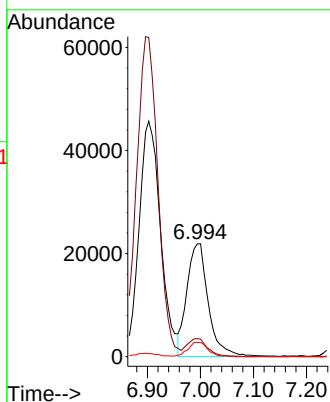
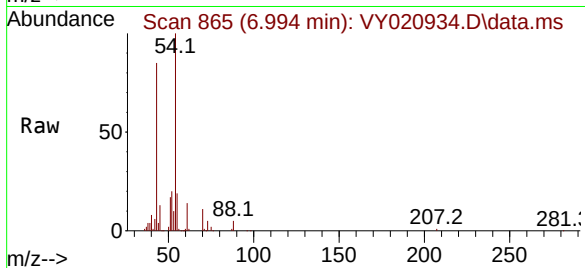
Tgt Ion: 43 Resp: 61220

Ion Ratio Lower Upper

43 100

61 15.5 12.1 18.1

70 12.0 9.5 14.3



#38

Carbon Tetrachloride

Concen: 48.644 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

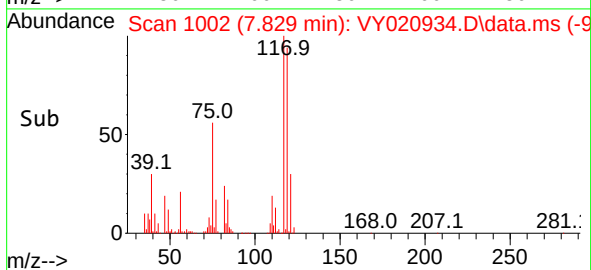
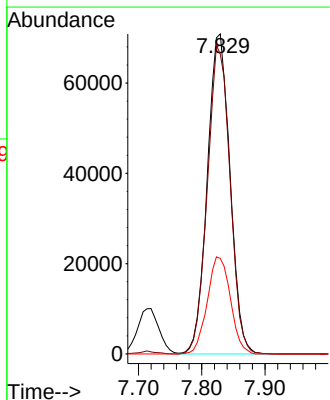
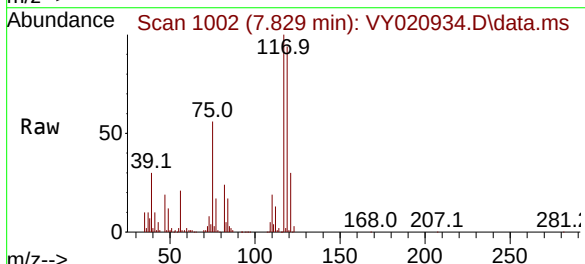
Tgt Ion: 117 Resp: 176755

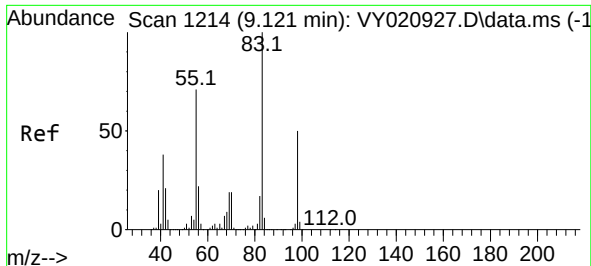
Ion Ratio Lower Upper

117 100

119 93.6 76.5 114.7

121 29.8 25.0 37.4





#39

Methylcyclohexane

Concen: 49.174 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

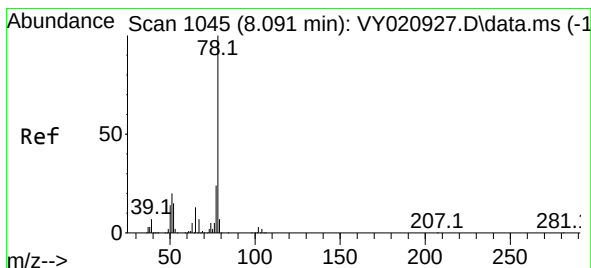
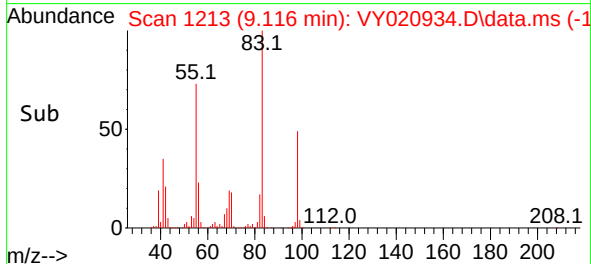
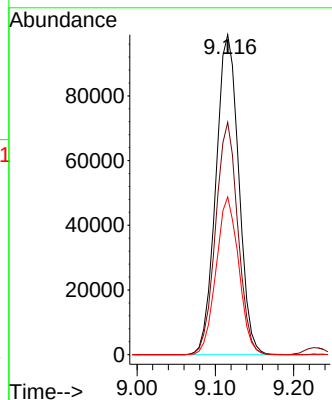
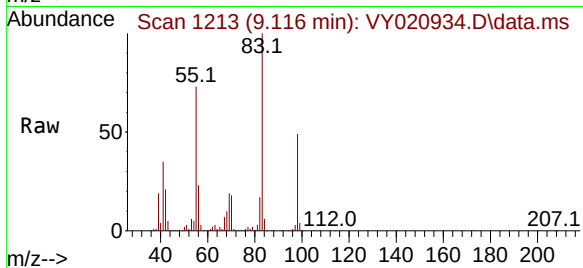
Tgt Ion: 83 Resp: 200589

Ion Ratio Lower Upper

83 100

55 72.6 57.0 85.4

98 49.3 40.1 60.1



#40

Benzene

Concen: 50.258 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020934.D

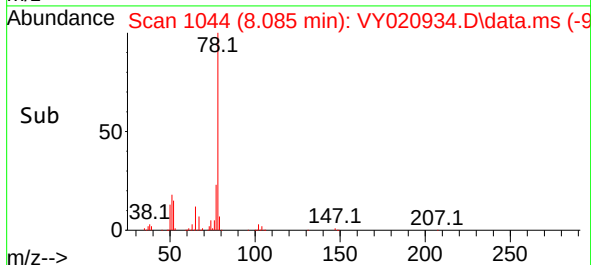
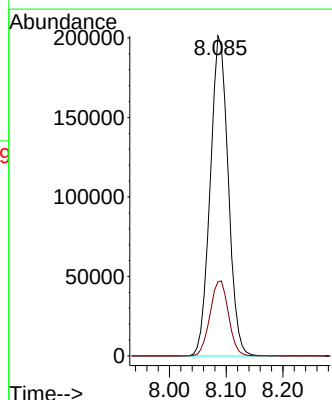
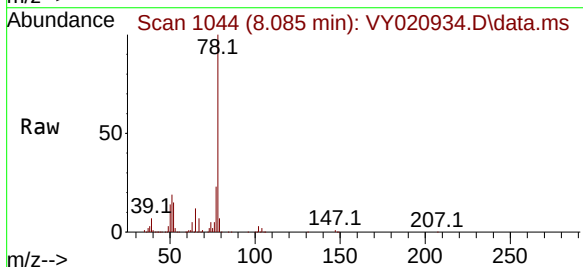
Acq: 24 Jan 2025 17:29

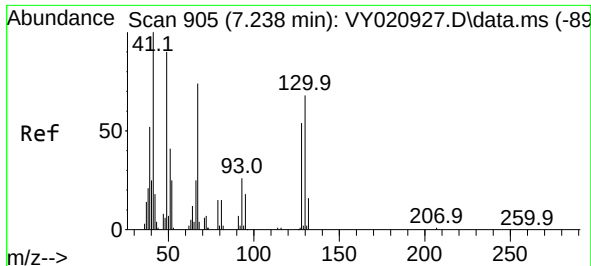
Tgt Ion: 78 Resp: 444264

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

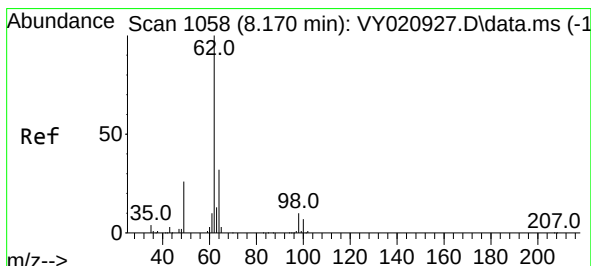
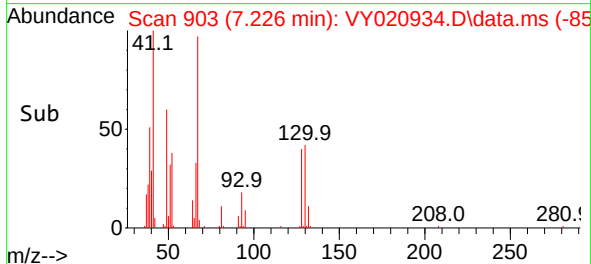
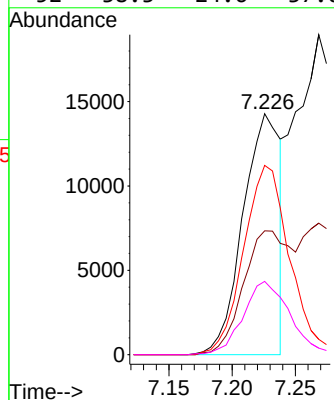
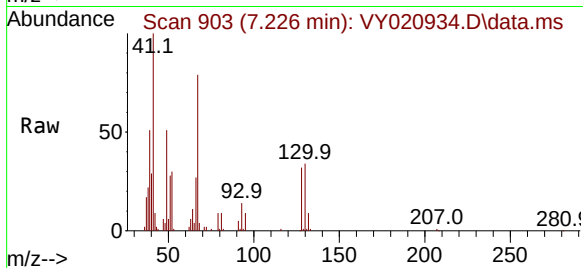




#41
Methacrylonitrile
Concen: 47.411 ug/l
RT: 7.226 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

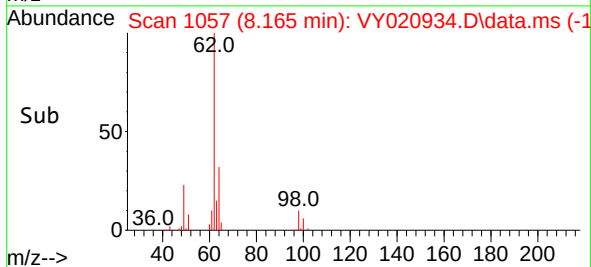
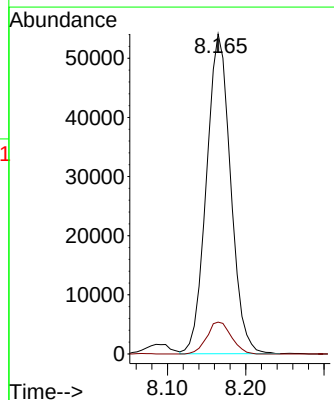
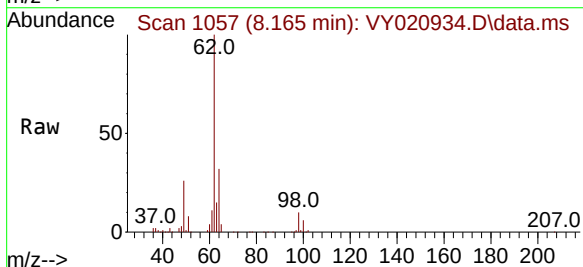
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

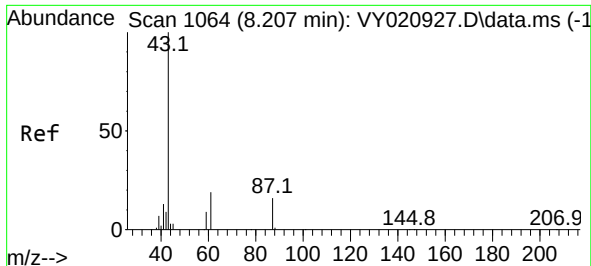
Tgt Ion: 41 Resp: 29279
Ion Ratio Lower Upper
41 100
39 67.3 46.4 69.6
67 97.5 66.7 100.1
52 38.3 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 52.669 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 62 Resp: 115847
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8

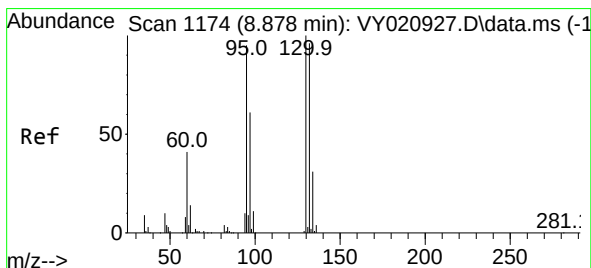
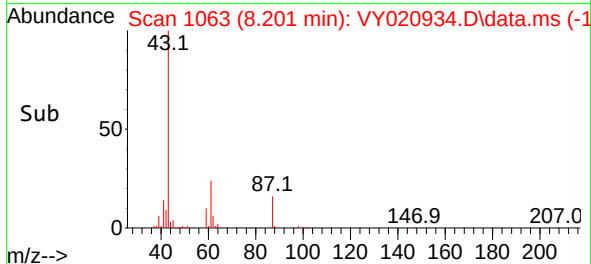
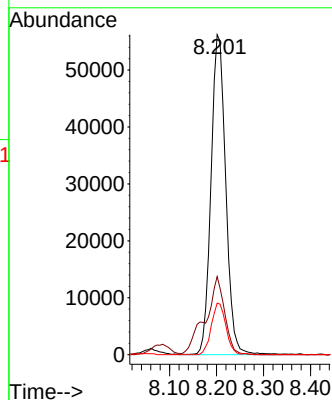
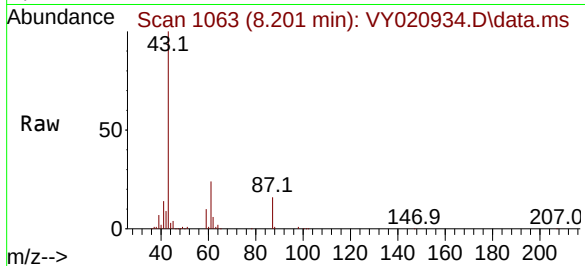




#43
Isopropyl Acetate
Concen: 55.099 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

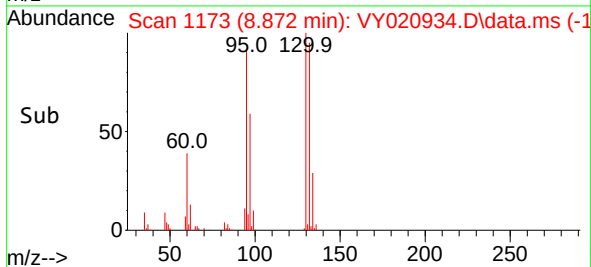
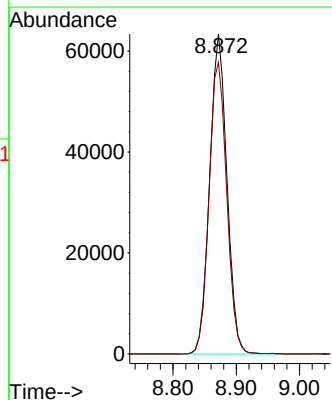
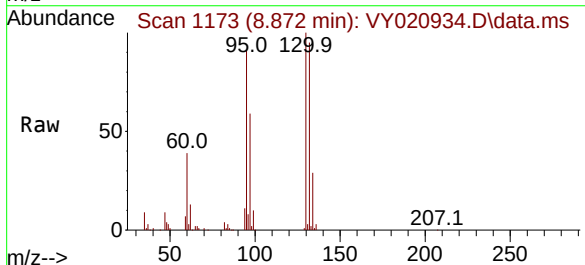
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

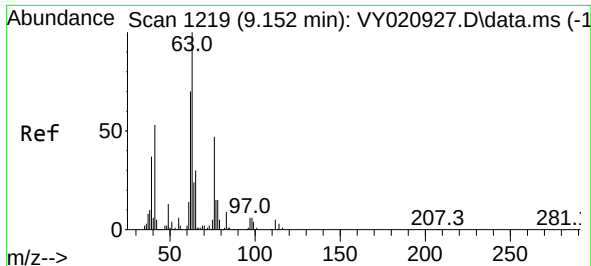
Tgt Ion: 43 Resp: 122144
Ion Ratio Lower Upper
43 100
61 32.1 26.0 39.0
87 15.9 12.4 18.6



#44
Trichloroethene
Concen: 49.919 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion:130 Resp: 119881
Ion Ratio Lower Upper
130 100
95 91.2 0.0 189.4





#45

1,2-Dichloropropane

Concen: 52.655 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

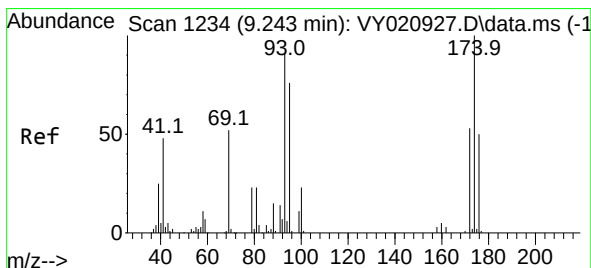
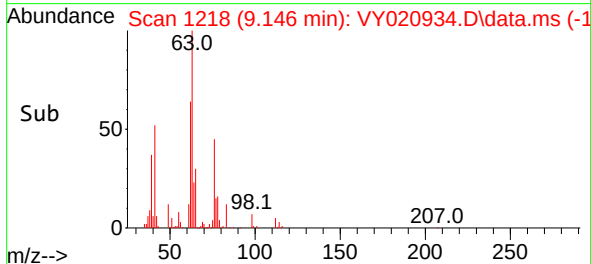
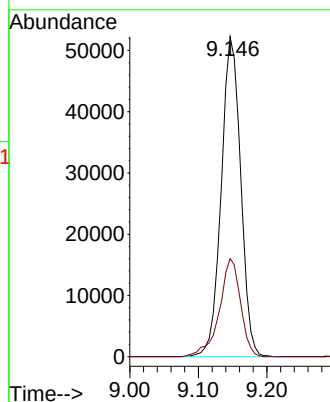
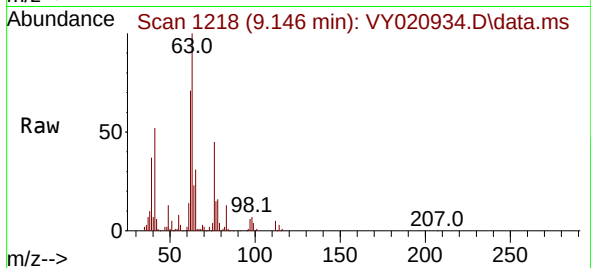
ICVY012425

Tgt Ion: 63 Resp: 102743

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 53.229 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

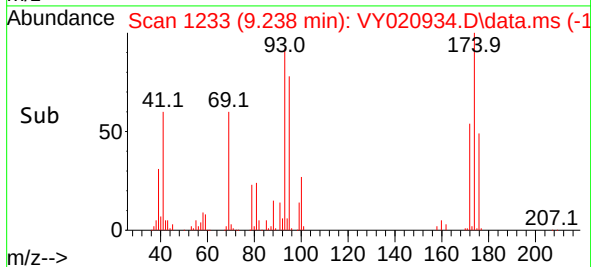
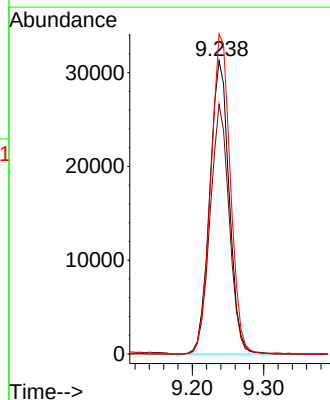
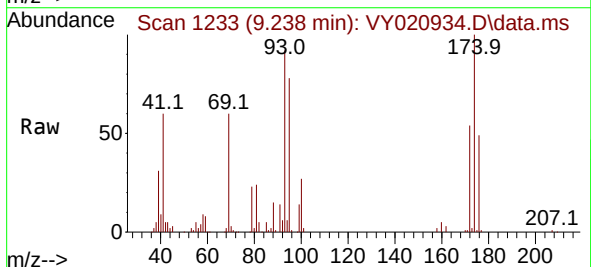
Tgt Ion: 93 Resp: 59047

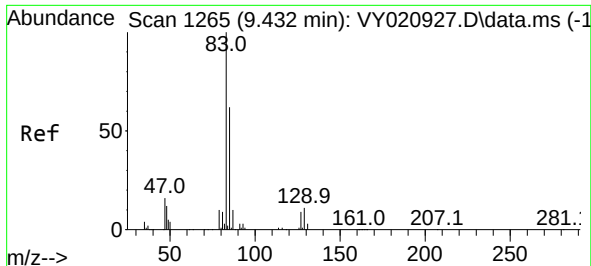
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 109.9 87.0 130.4

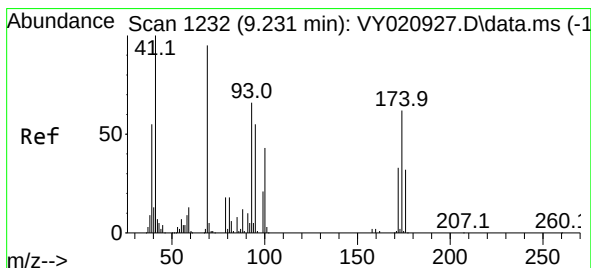
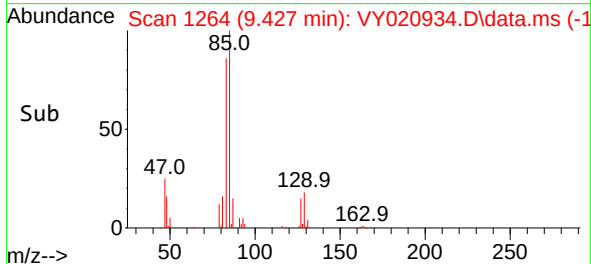
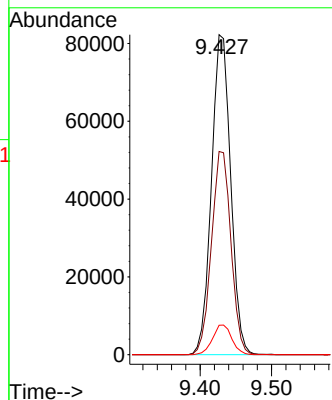
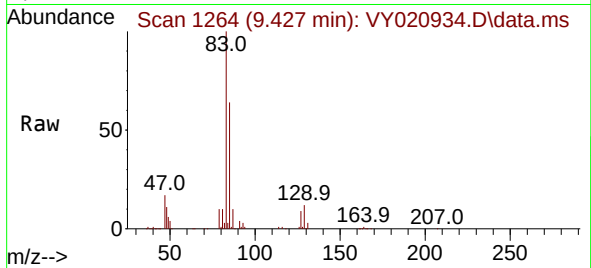




#47
Bromodichloromethane
Concen: 51.925 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

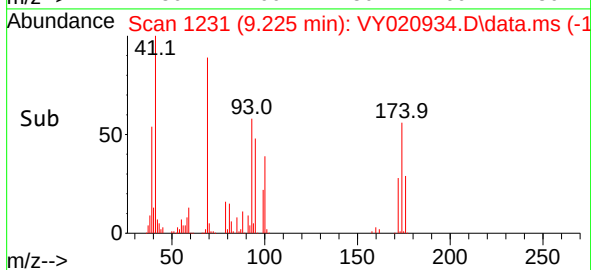
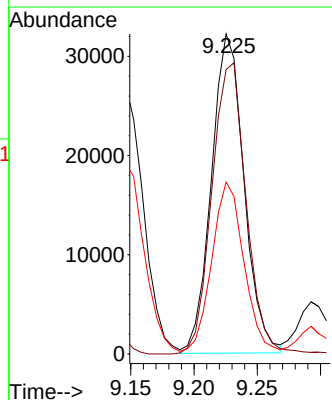
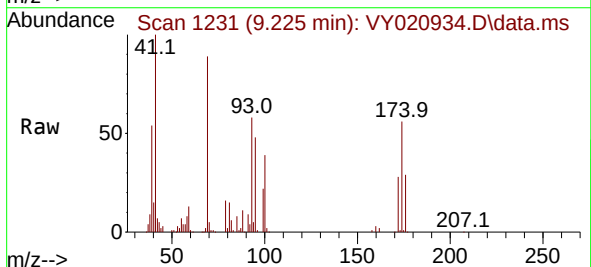
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

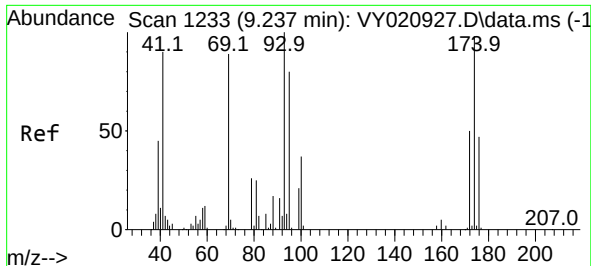
Tgt Ion: 83 Resp: 153261
Ion Ratio Lower Upper
83 100
85 63.5 49.3 73.9
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 55.161 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 41 Resp: 57683
Ion Ratio Lower Upper
41 100
69 95.8 77.0 115.4
39 51.8 41.1 61.7





#49

1,4-Dioxane

Concen: 1125.314 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

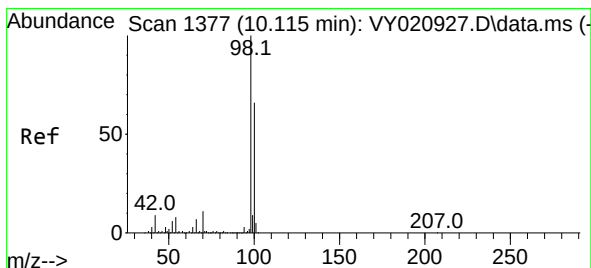
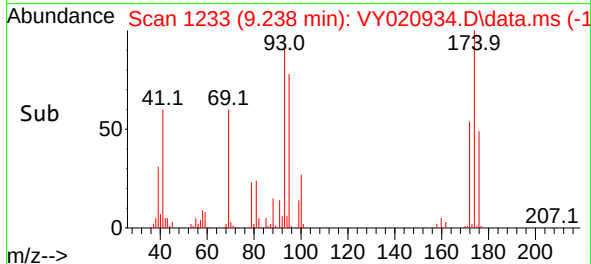
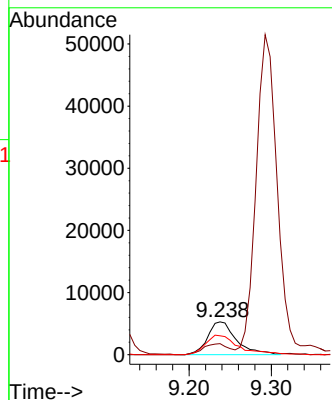
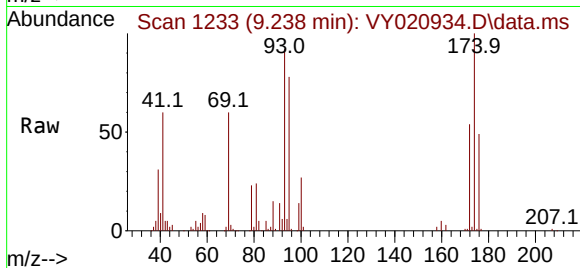
Tgt Ion: 88 Resp: 12853

Ion Ratio Lower Upper

88 100

43 30.0 23.1 34.7

58 68.9 49.0 73.6



#50

Toluene-d8

Concen: 48.274 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020934.D

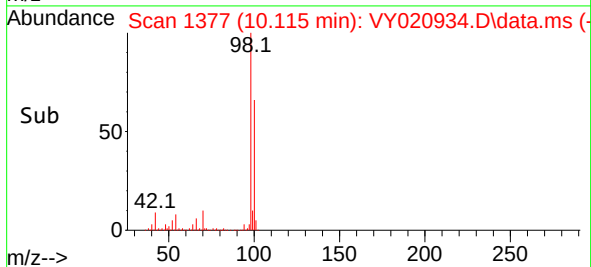
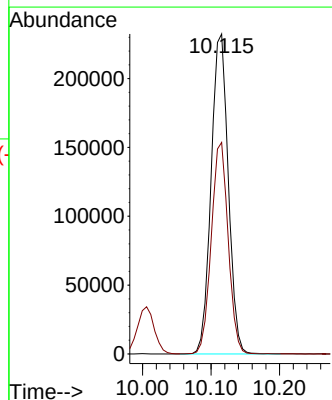
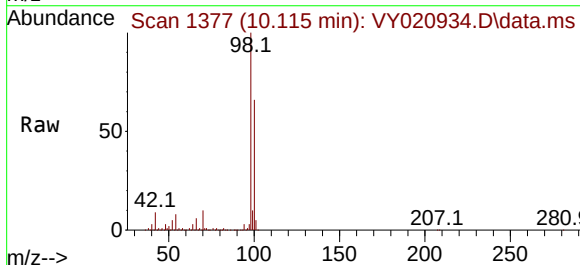
Acq: 24 Jan 2025 17:29

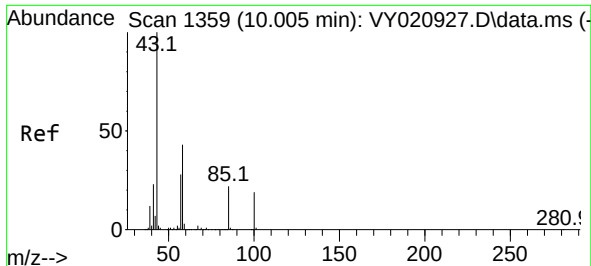
Tgt Ion: 98 Resp: 404094

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

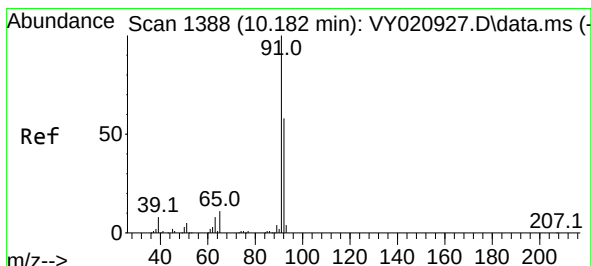
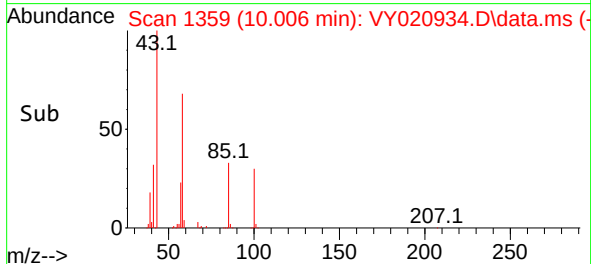
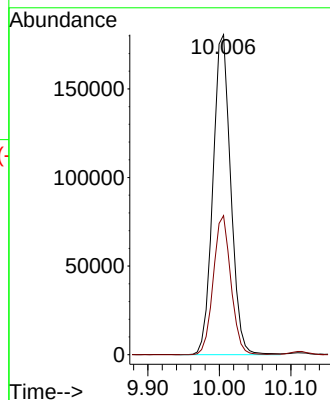
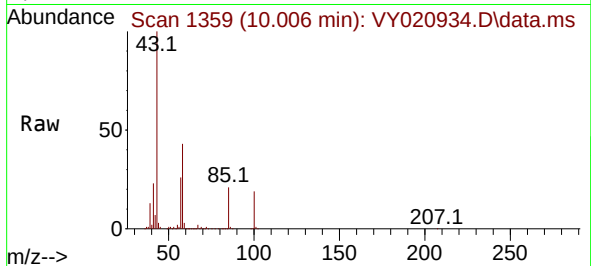




#51
4-Methyl-2-Pentanone
Concen: 279.337 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

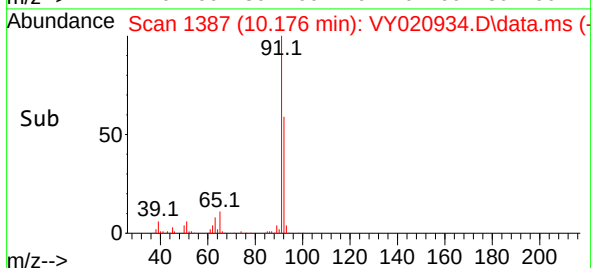
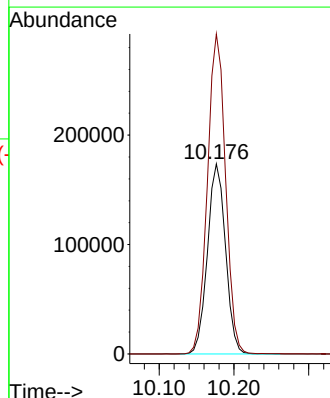
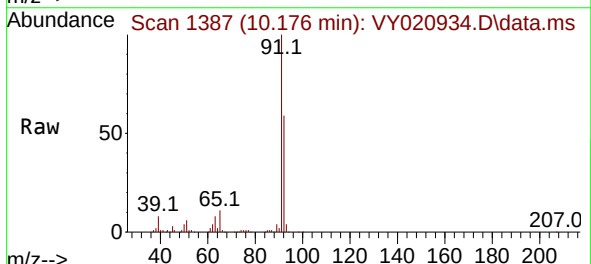
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

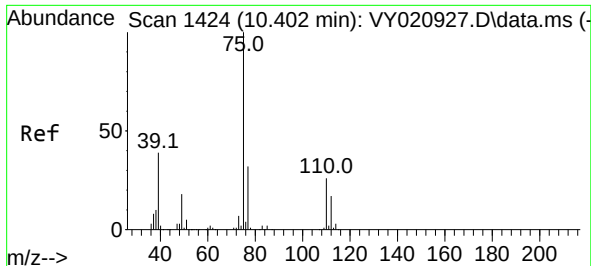
Tgt Ion: 43 Resp: 312235
Ion Ratio Lower Upper
43 100
58 42.9 33.7 50.5



#52
Toluene
Concen: 51.221 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 92 Resp: 291201
Ion Ratio Lower Upper
92 100
91 169.0 137.3 205.9

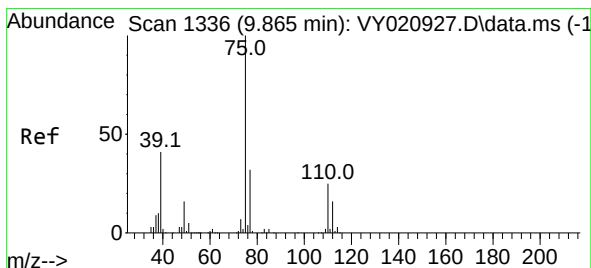
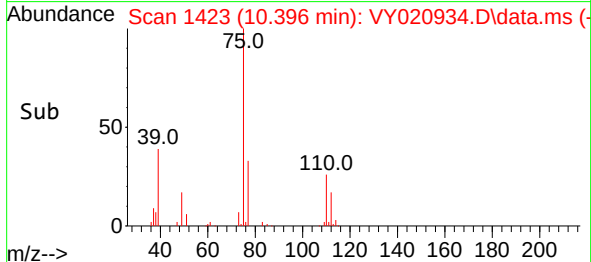
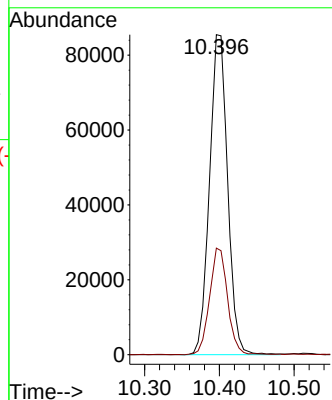
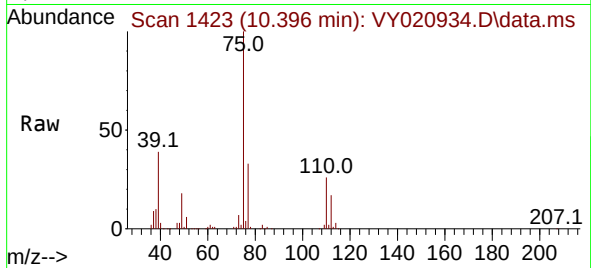




#53
t-1,3-Dichloropropene
Concen: 53.338 ug/l
RT: 10.396 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

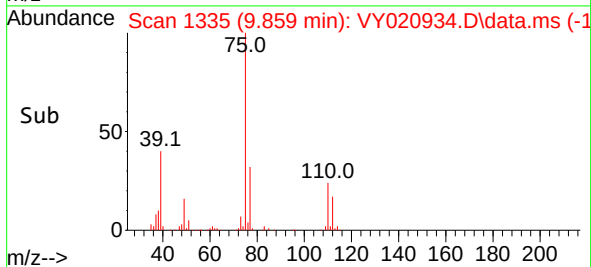
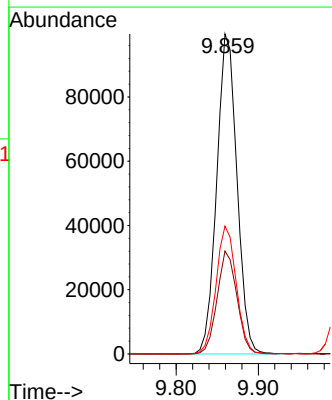
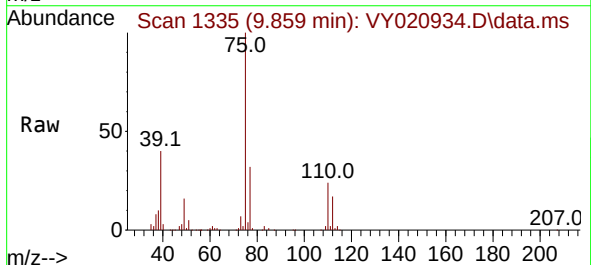
Instrument : MSVOA_Y
ClientSampleId : ICVVY012425

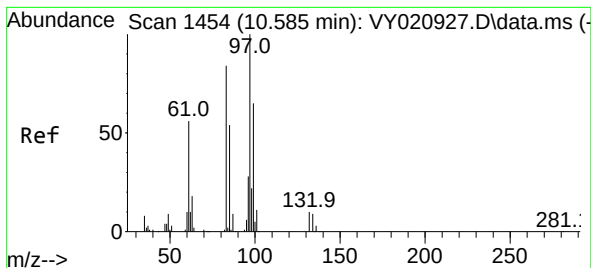
Tgt Ion: 75 Resp: 144349
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.755 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 75 Resp: 170478
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 40.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 51.855 ug/l

RT: 10.579 min Scan# 1454

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

Tgt Ion: 97 Resp: 77755

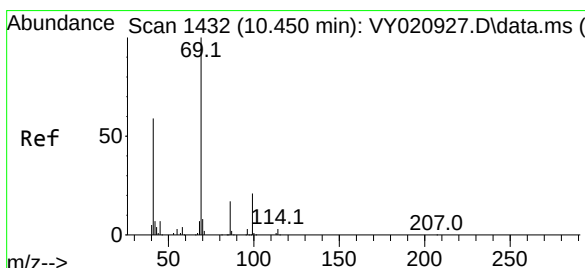
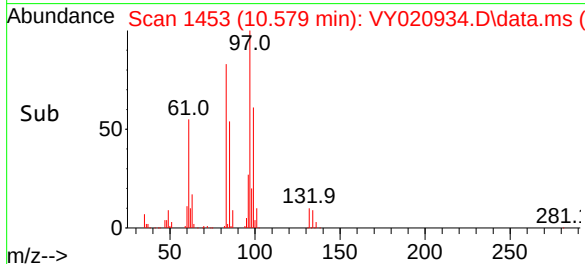
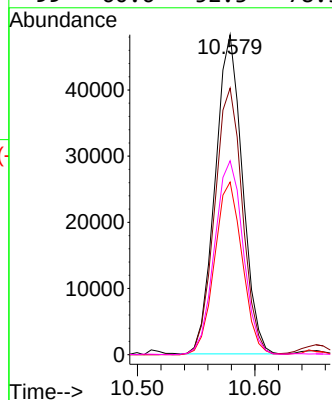
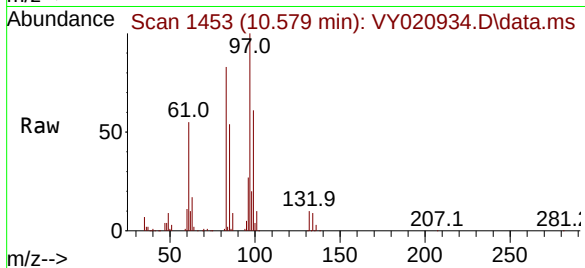
Ion Ratio Lower Upper

97 100

83 83.6 67.0 100.6

85 54.1 43.1 64.7

99 60.6 52.3 78.5



#56

Ethyl methacrylate

Concen: 56.063 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

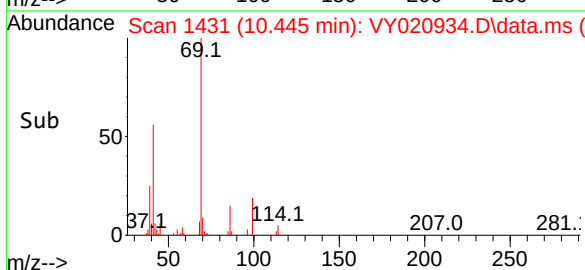
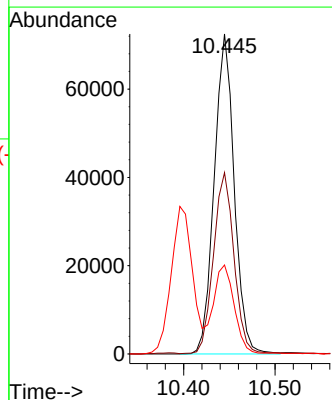
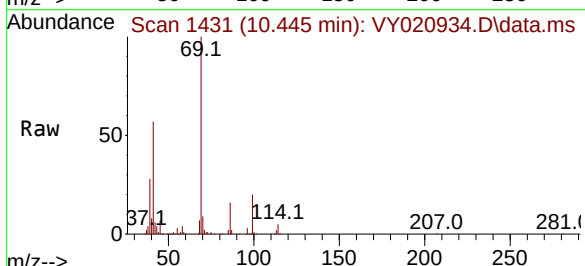
Tgt Ion: 69 Resp: 110172

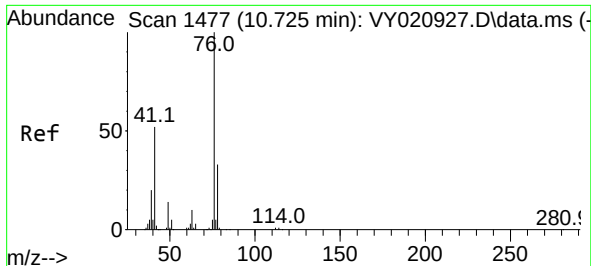
Ion Ratio Lower Upper

69 100

41 57.9 46.6 70.0

39 29.3 23.9 35.9





#57

1,3-Dichloropropane

Concen: 52.847 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

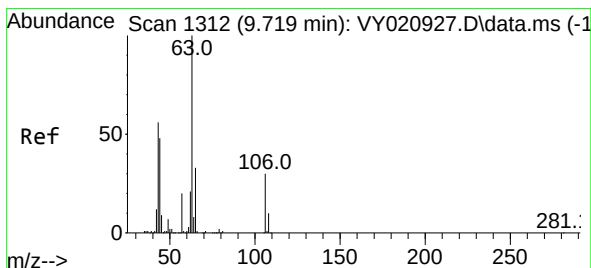
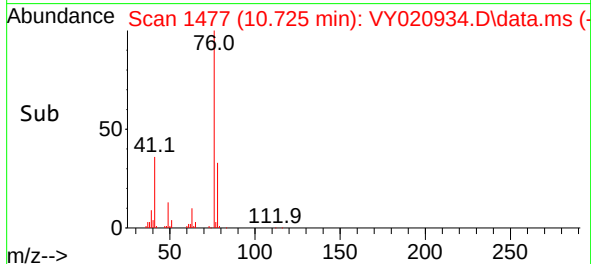
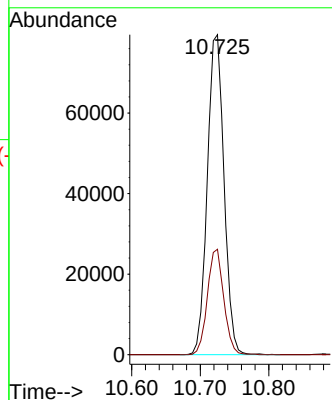
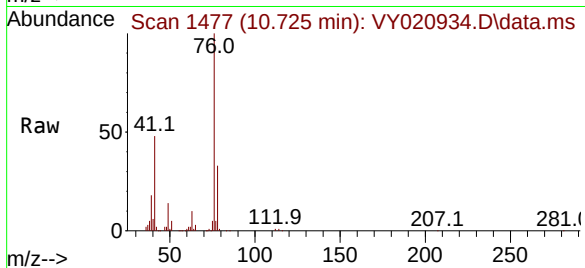
ICVY012425

Tgt Ion: 76 Resp: 134618

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 290.780 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020934.D

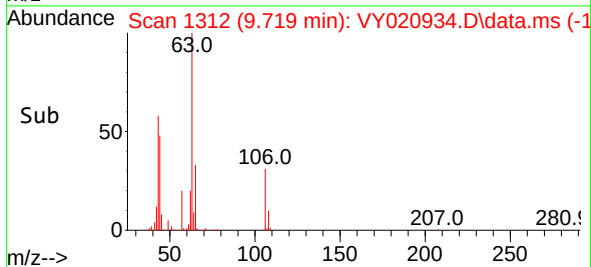
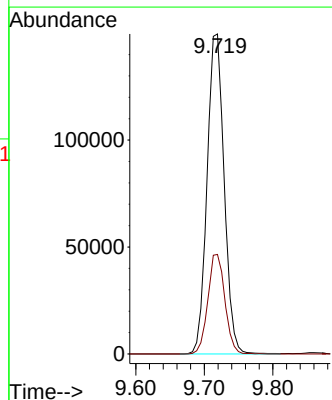
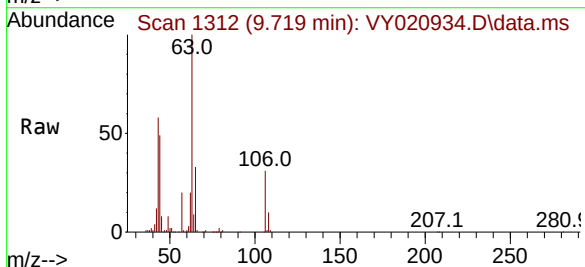
Acq: 24 Jan 2025 17:29

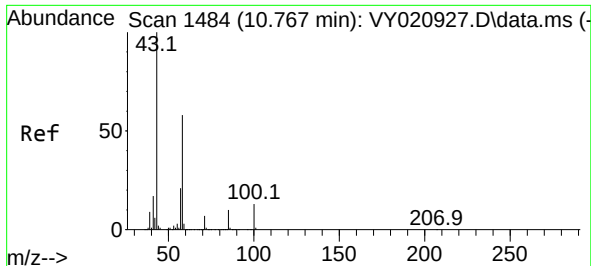
Tgt Ion: 63 Resp: 259350

Ion Ratio Lower Upper

63 100

106 31.0 24.7 37.1

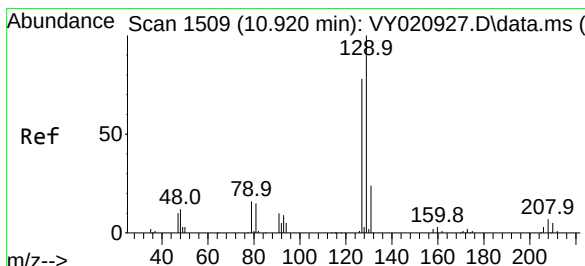
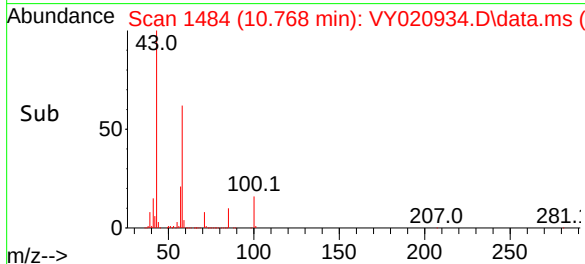
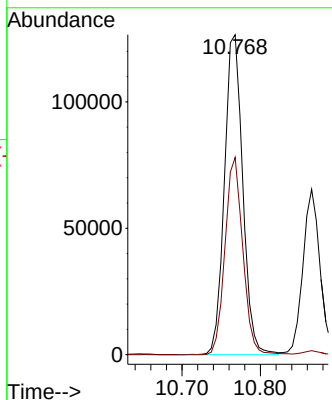
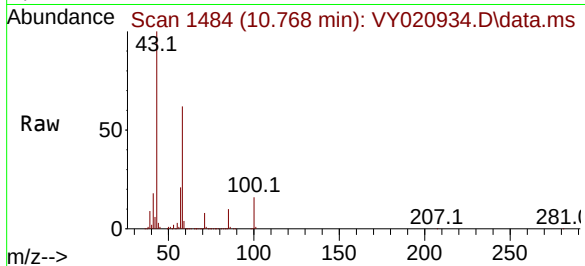




#59
2-Hexanone
Concen: 286.705 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

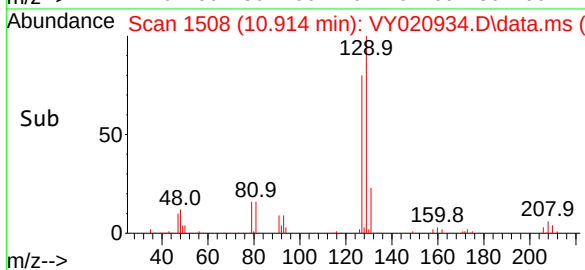
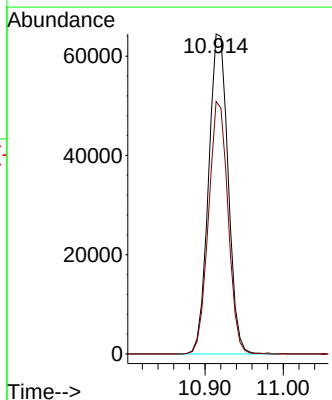
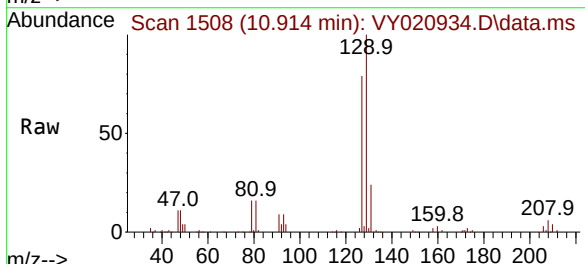
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

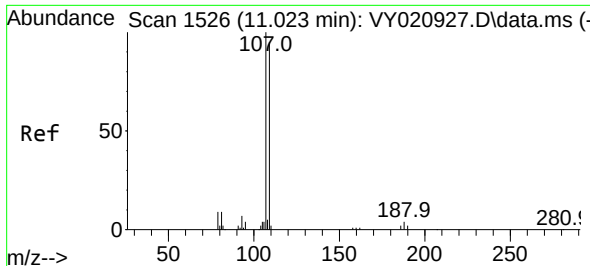
Tgt Ion: 43 Resp: 206073
Ion Ratio Lower Upper
43 100
58 59.9 29.9 89.8



#60
Dibromochloromethane
Concen: 52.885 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 129 Resp: 111605
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

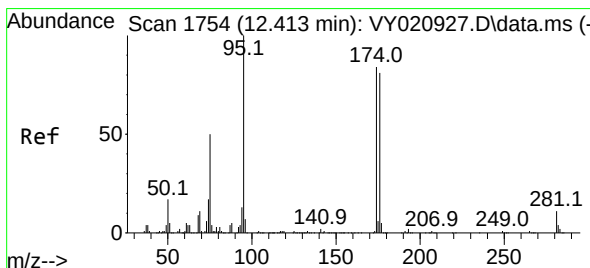
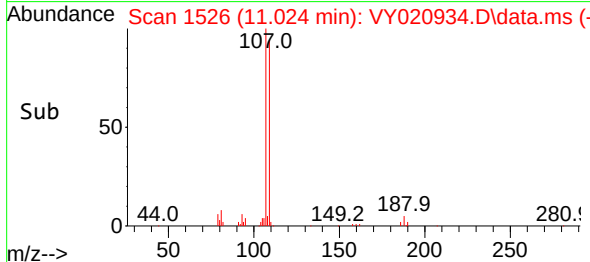
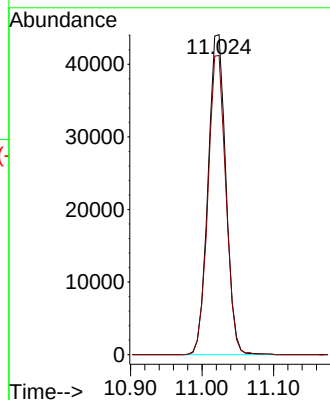
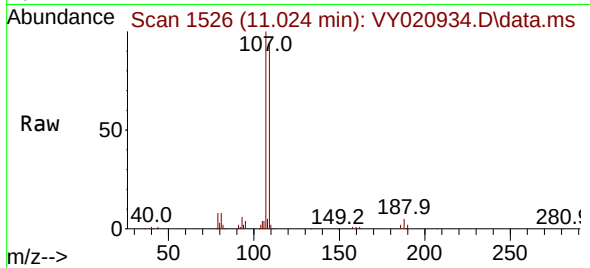




#61
1,2-Dibromoethane
Concen: 53.174 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

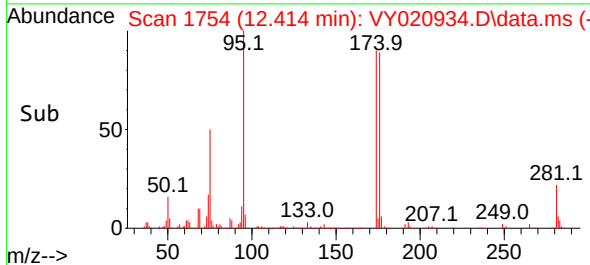
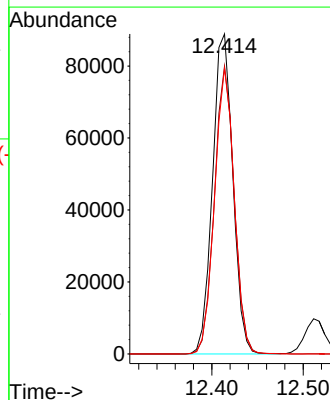
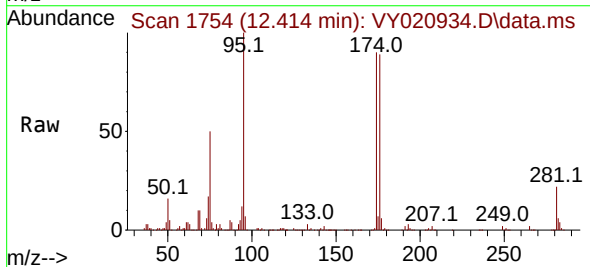
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

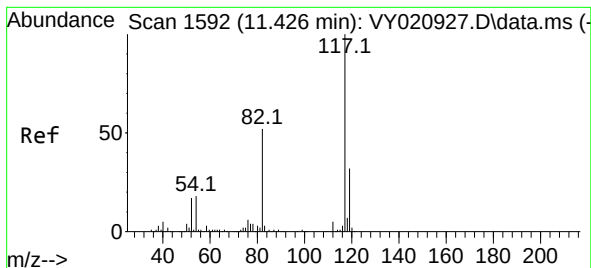
Tgt Ion:107 Resp: 76262
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 95 Resp: 137380
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.4
176 86.5 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012425

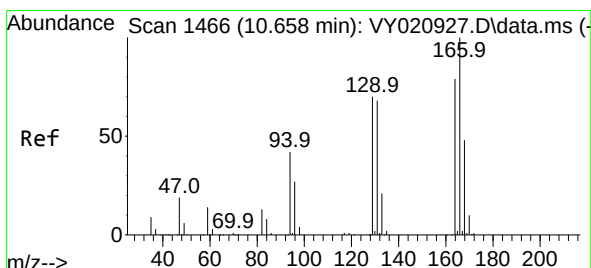
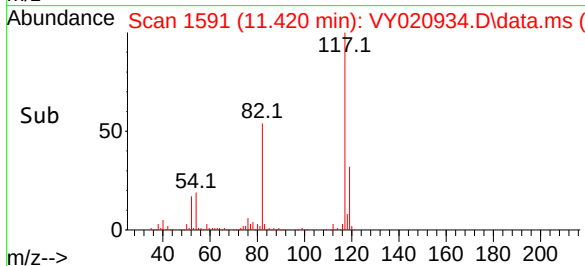
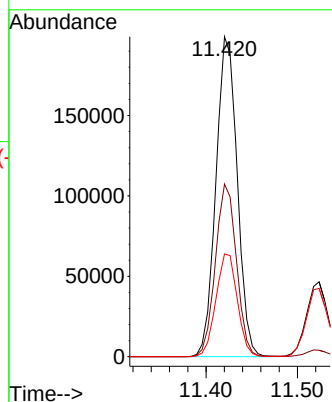
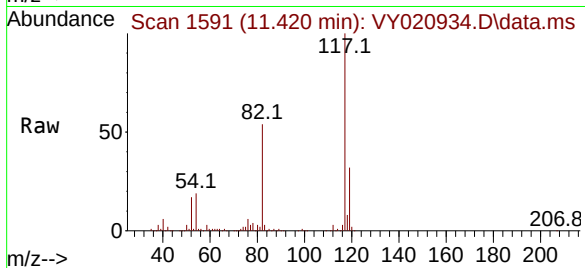
Tgt Ion:117 Resp: 322470

Ion Ratio Lower Upper

117 100

82 53.9 41.8 62.8

119 32.1 26.0 39.0



#64

Tetrachloroethene

Concen: 48.963 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Tgt Ion:164 Resp: 109879

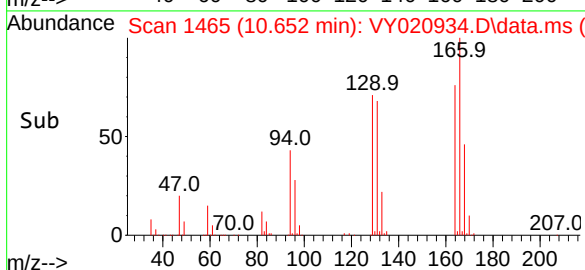
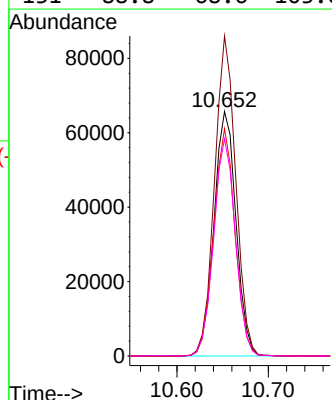
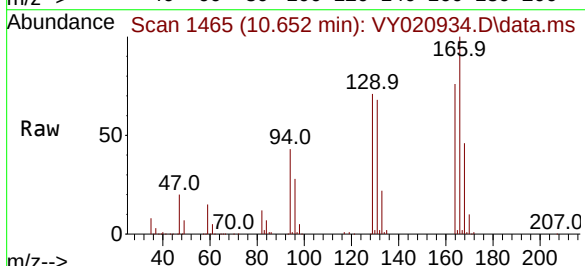
Ion Ratio Lower Upper

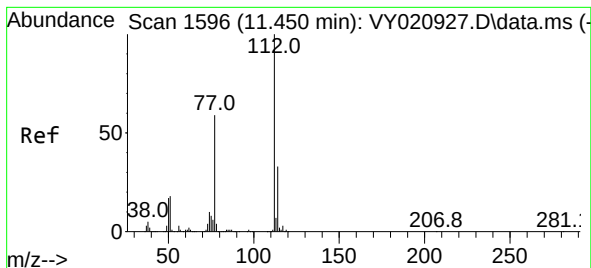
164 100

166 130.9 101.0 151.6

129 92.9 70.8 106.2

131 88.8 68.6 103.0





#65

Chlorobenzene

Concen: 50.414 ug/l

RT: 11.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

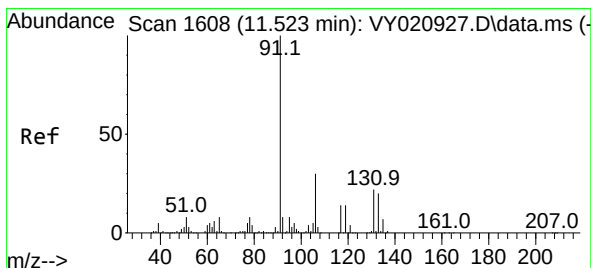
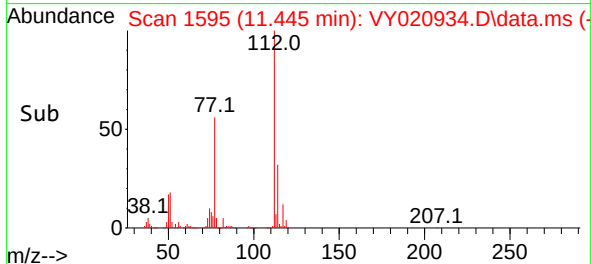
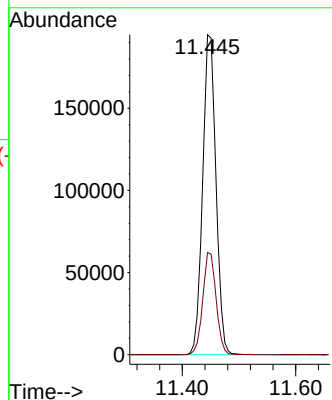
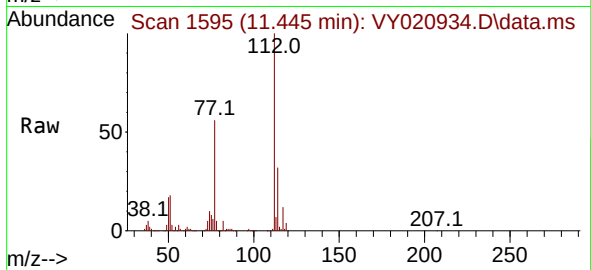
ICVVY012425

Tgt Ion:112 Resp: 317906

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.226 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

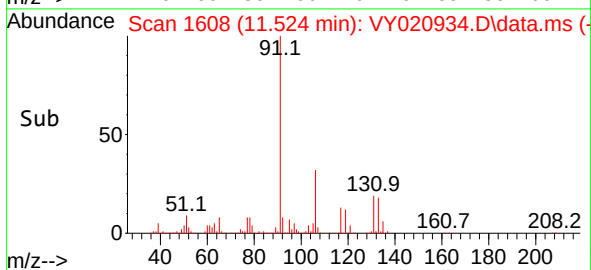
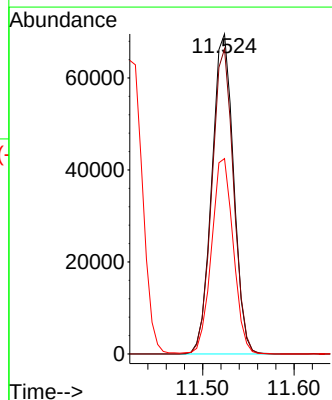
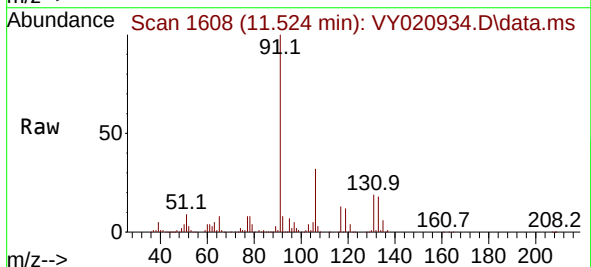
Tgt Ion:131 Resp: 114790

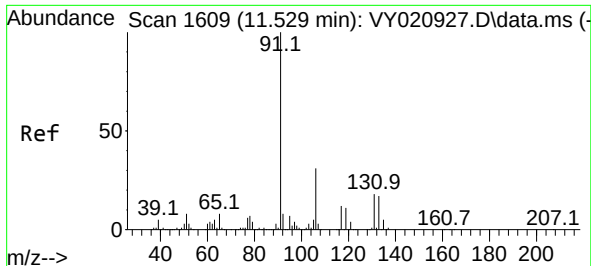
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 61.4 31.2 93.6





#67

Ethyl Benzene

Concen: 50.178 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

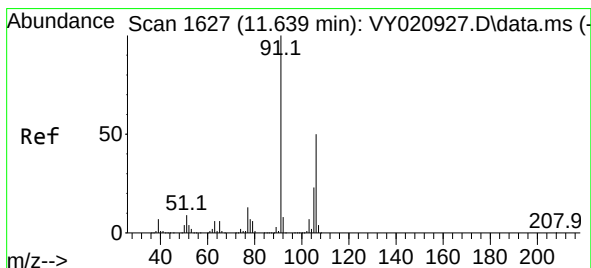
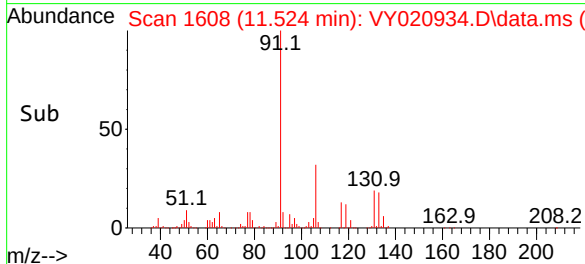
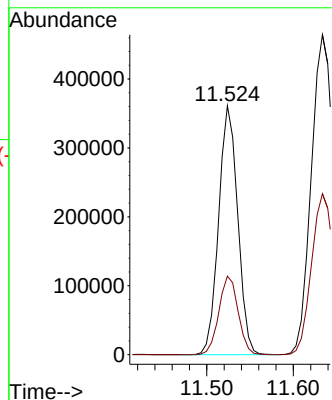
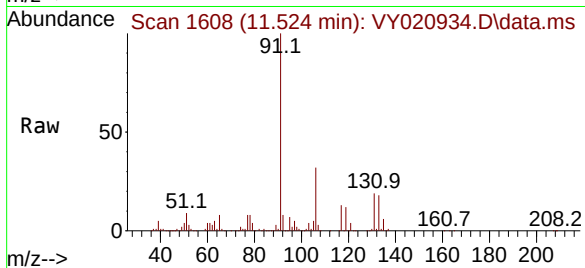
ICVY012425

Tgt Ion: 91 Resp: 552137

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 101.071 ug/l

RT: 11.634 min Scan# 1626

Delta R.T. -0.006 min

Lab File: VY020934.D

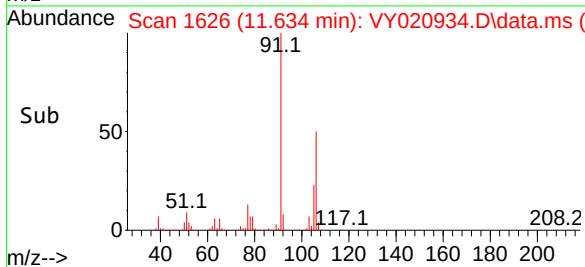
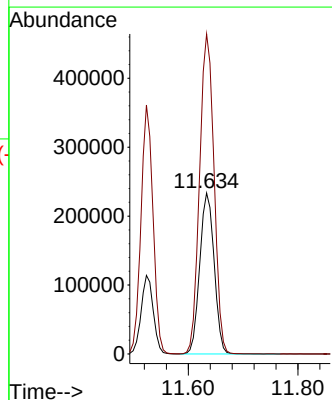
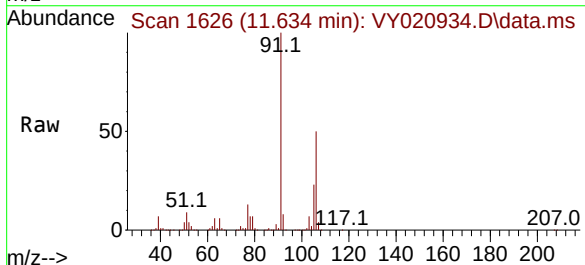
Acq: 24 Jan 2025 17:29

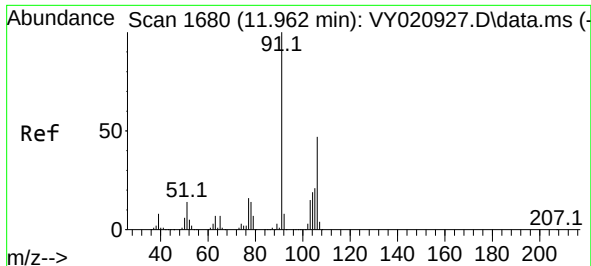
Tgt Ion:106 Resp: 425851

Ion Ratio Lower Upper

106 100

91 199.7 159.5 239.3

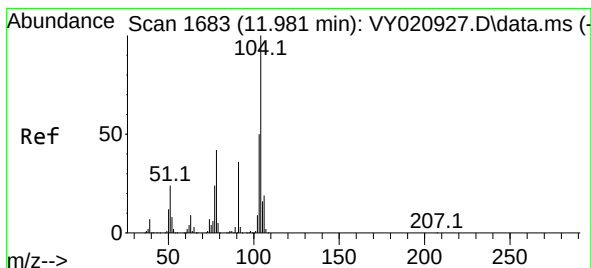
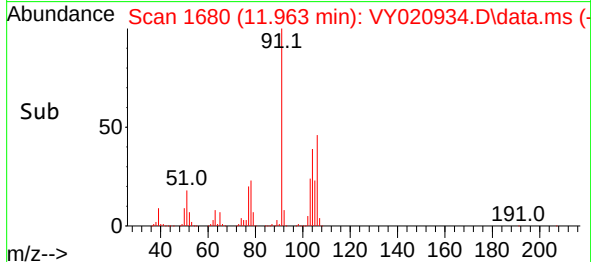
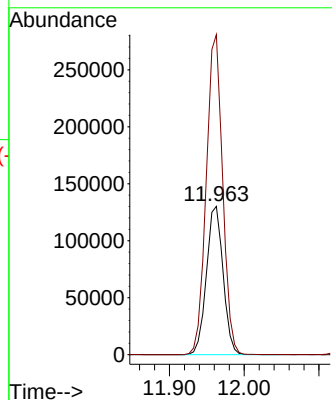
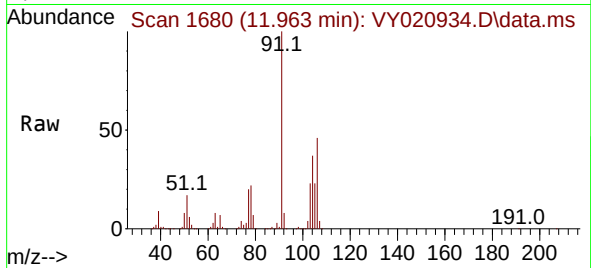




#69
o-Xylene
Concen: 51.128 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

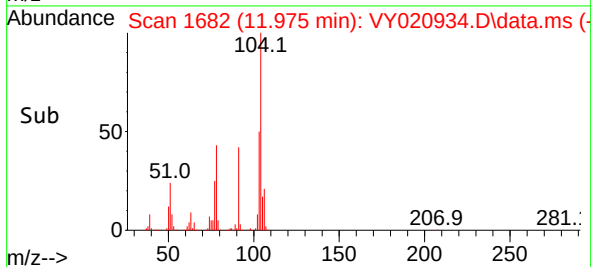
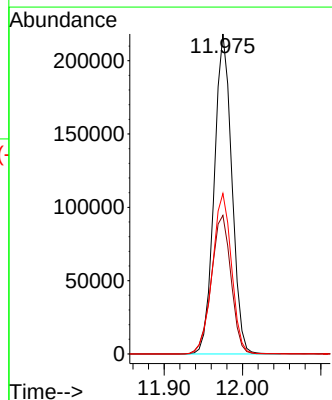
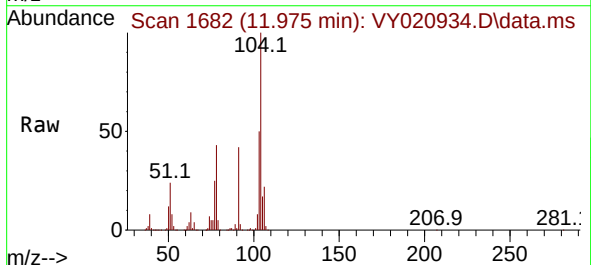
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

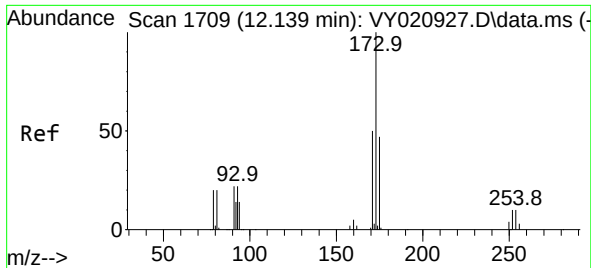
Tgt Ion:106 Resp: 201224
Ion Ratio Lower Upper
106 100
91 212.0 105.3 315.9



#70
Styrene
Concen: 52.897 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion:104 Resp: 341185
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.5 43.4 65.2

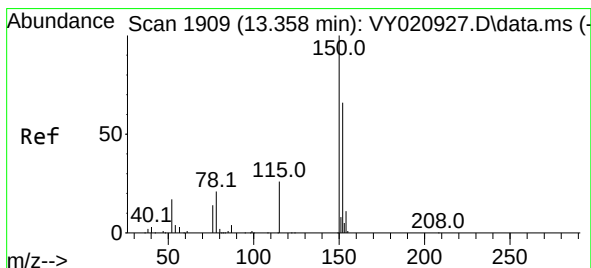
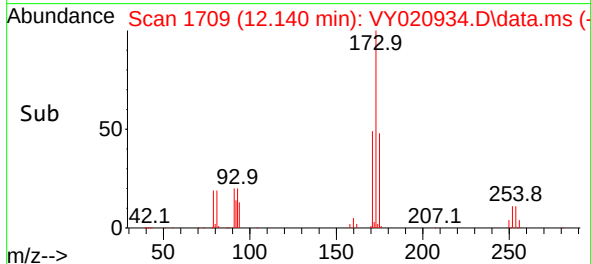
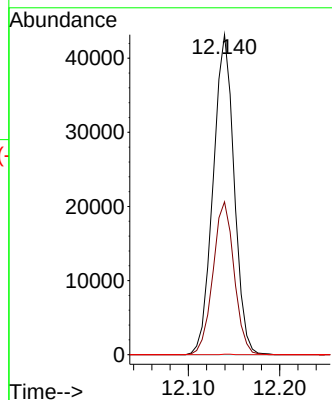
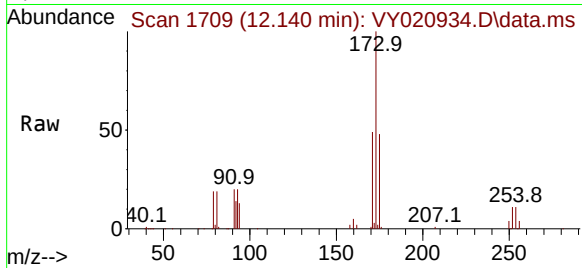




#71
Bromoform
Concen: 54.155 ug/l
RT: 12.140 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

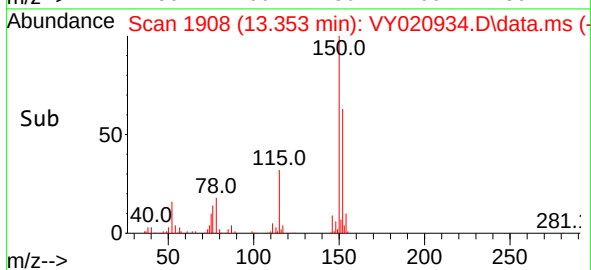
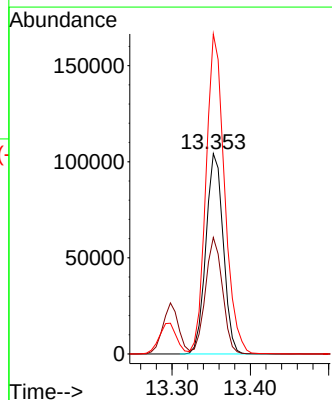
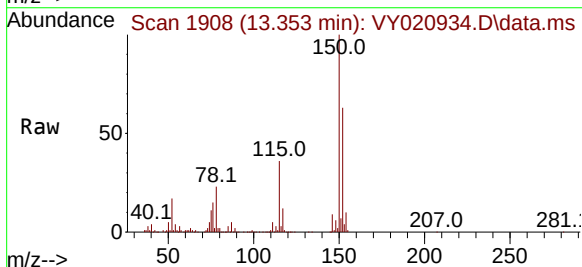
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

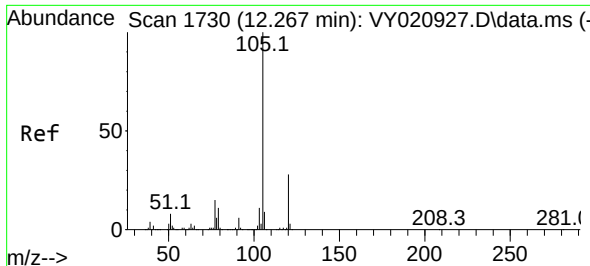
Tgt Ion:173 Resp: 68716
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion:152 Resp: 159909
Ion Ratio Lower Upper
152 100
115 57.2 29.0 87.0
150 171.1 0.0 347.6

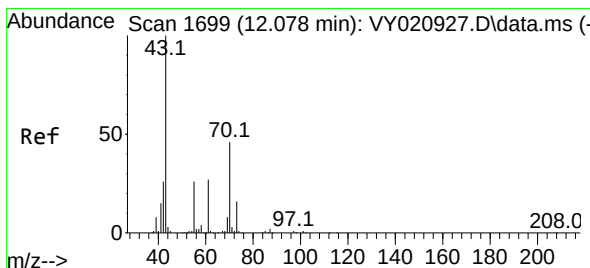
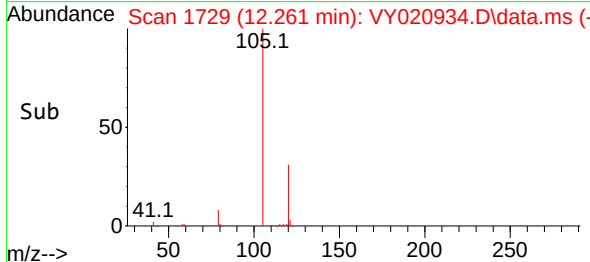
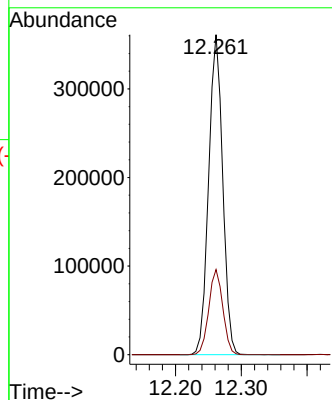
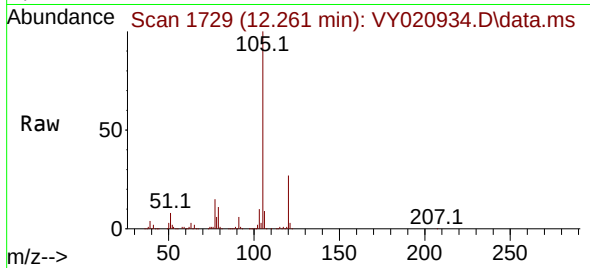




#73
Isopropylbenzene
Concen: 48.654 ug/l
RT: 12.261 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

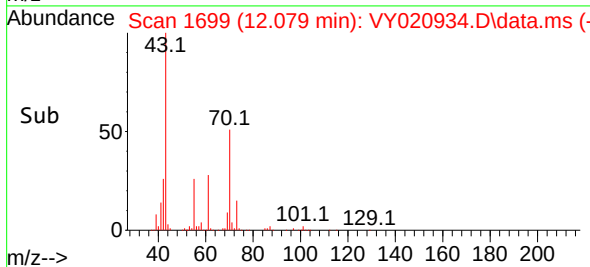
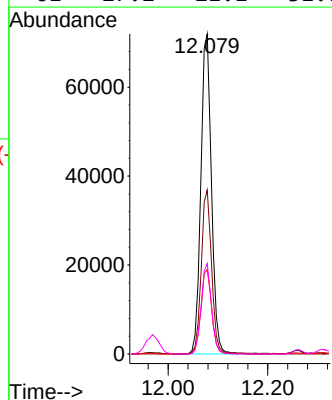
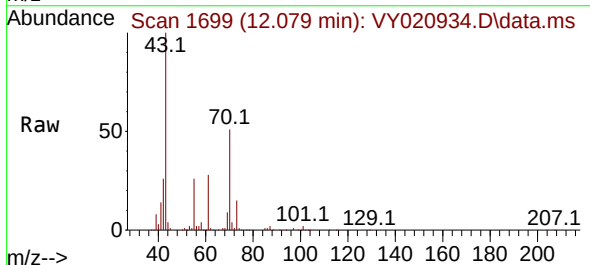
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

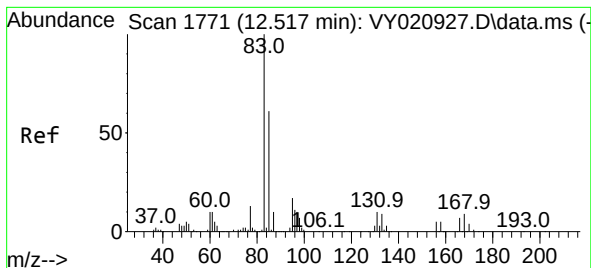
Tgt Ion:105 Resp: 535836
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 54.373 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 43 Resp: 106558
Ion Ratio Lower Upper
43 100
70 49.6 38.7 58.1
55 26.2 21.6 32.4
61 27.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.576 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

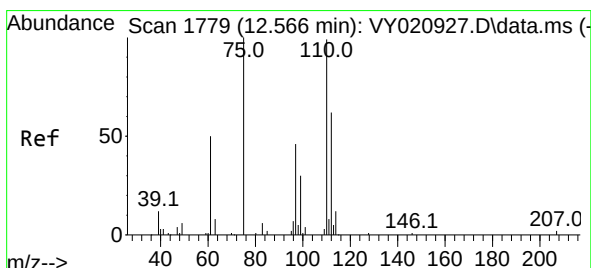
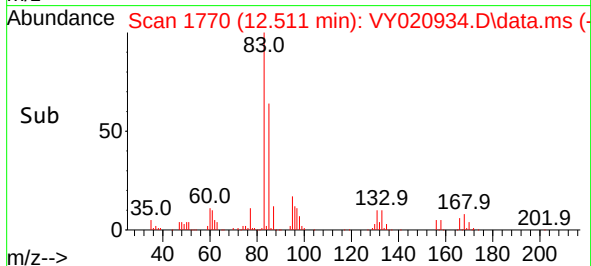
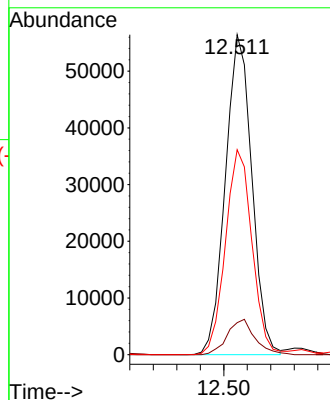
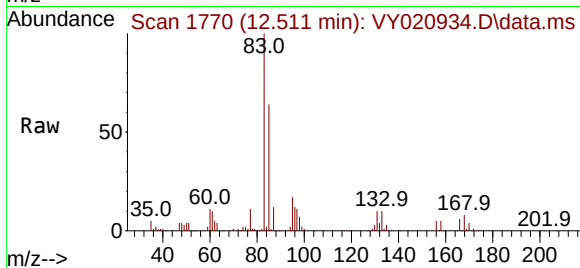
Tgt Ion: 83 Resp: 88378

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 104.294 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VY020934.D

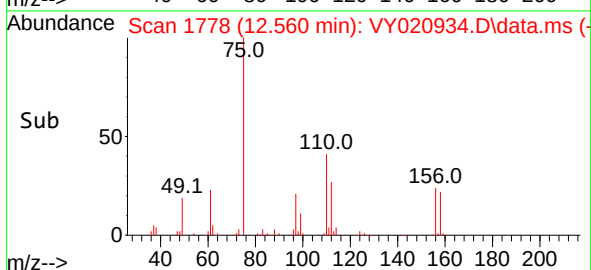
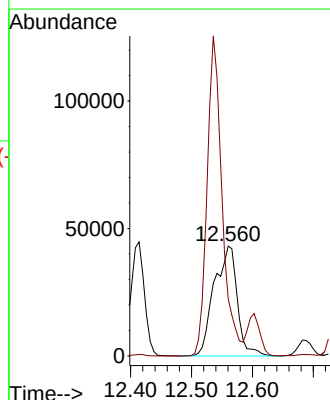
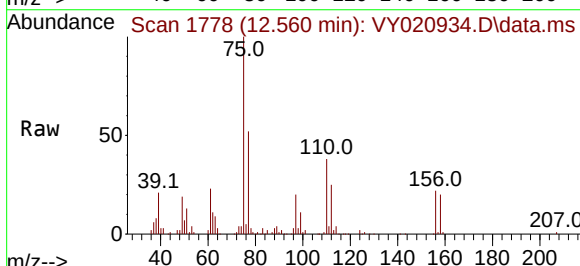
Acq: 24 Jan 2025 17:29

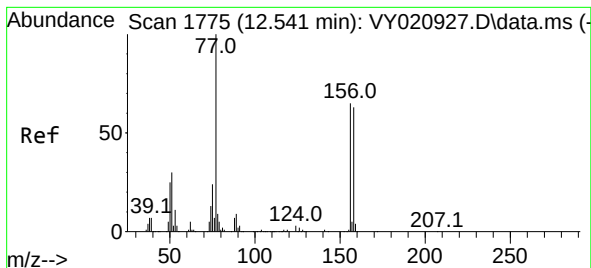
Tgt Ion: 75 Resp: 113555

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.741 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

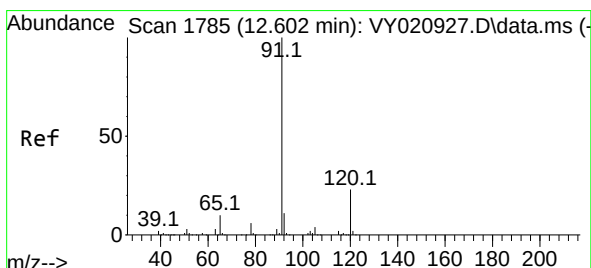
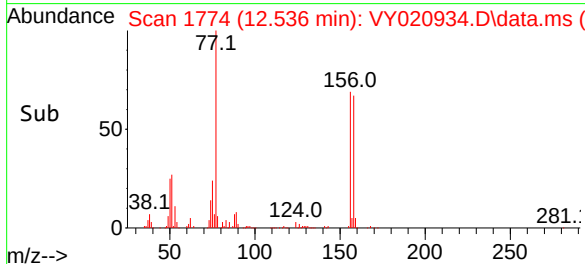
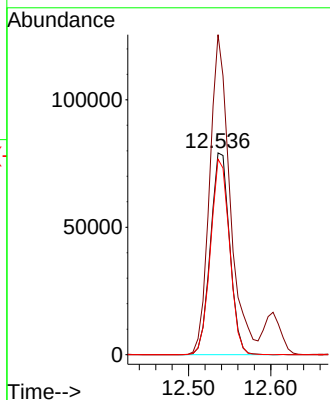
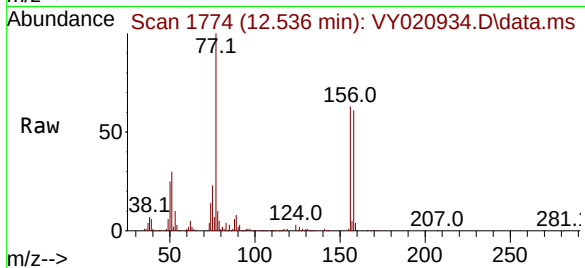
Tgt Ion:156 Resp: 128412

Ion Ratio Lower Upper

156 100

77 168.3 84.4 253.1

158 96.0 48.9 146.6



#78

n-propylbenzene

Concen: 48.677 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020934.D

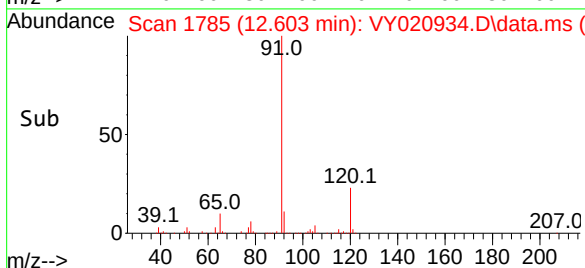
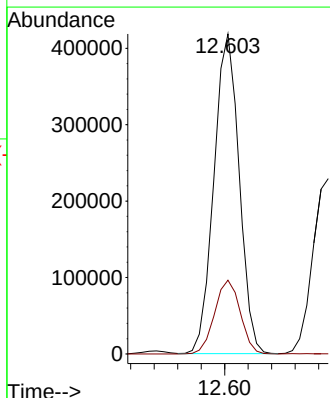
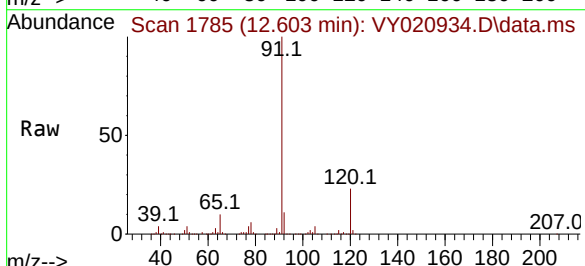
Acq: 24 Jan 2025 17:29

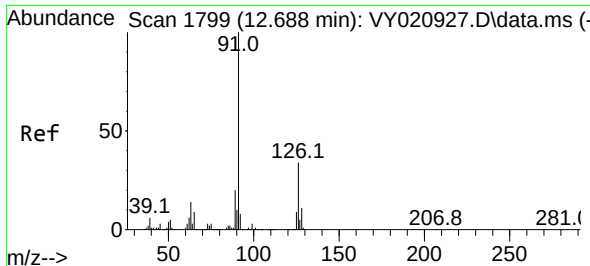
Tgt Ion: 91 Resp: 624466

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4

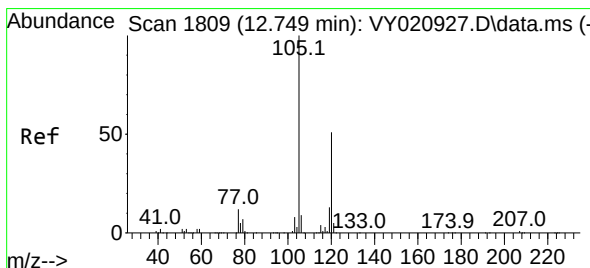
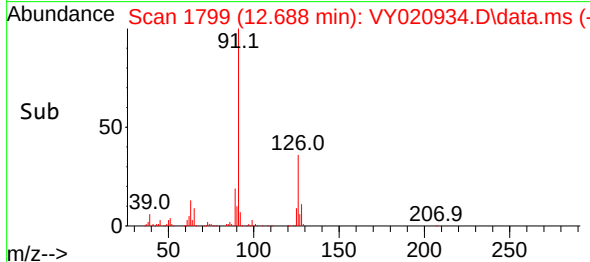
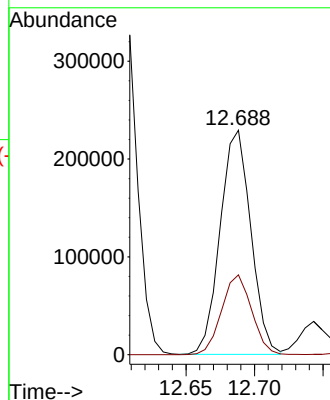
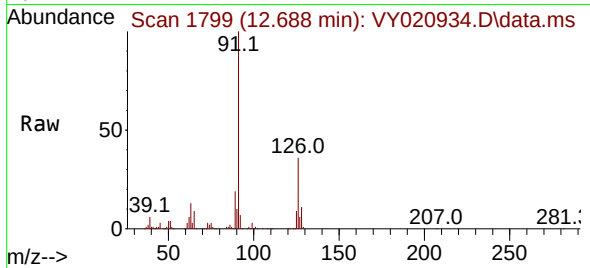




#79
2-Chlorotoluene
Concen: 49.123 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

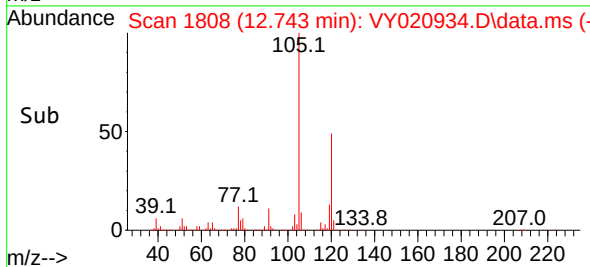
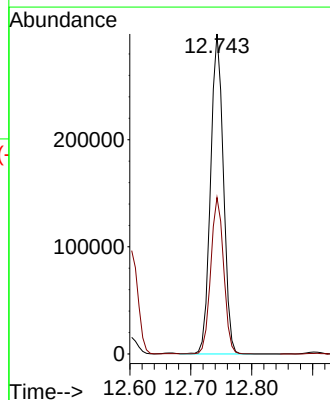
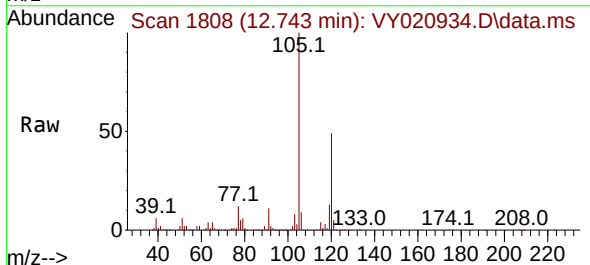
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

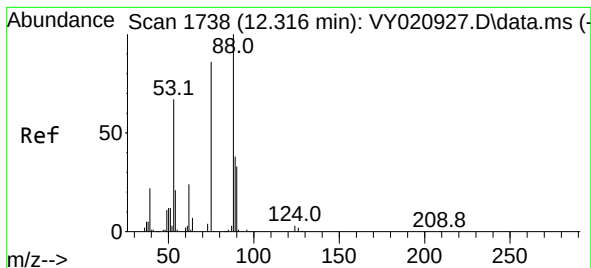
Tgt Ion: 91 Resp: 357417
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 49.268 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 105 Resp: 435997
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6

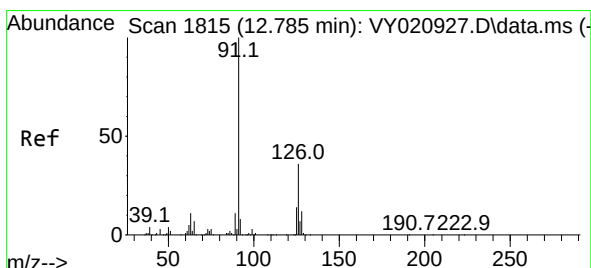
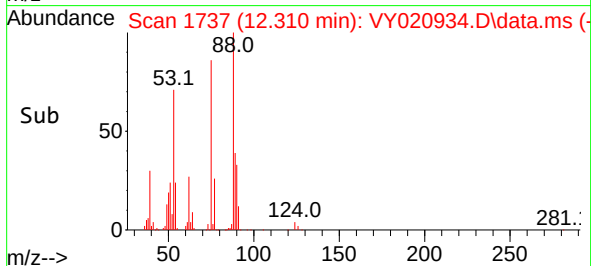
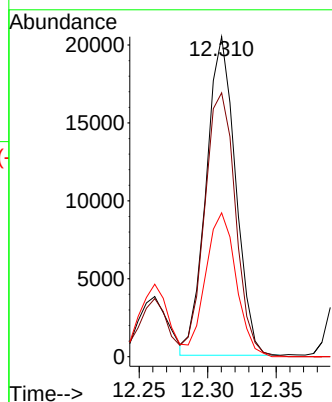
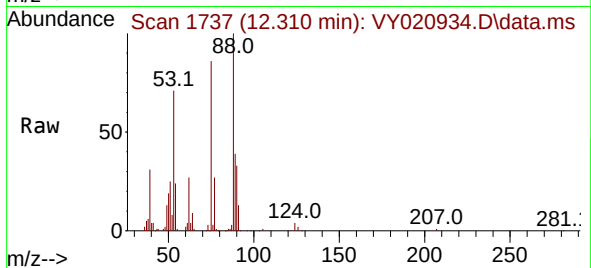




#81
trans-1,4-Dichloro-2-butene
Concen: 52.132 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

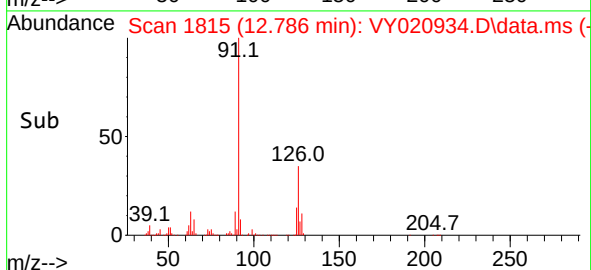
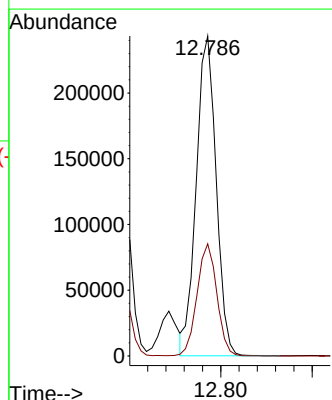
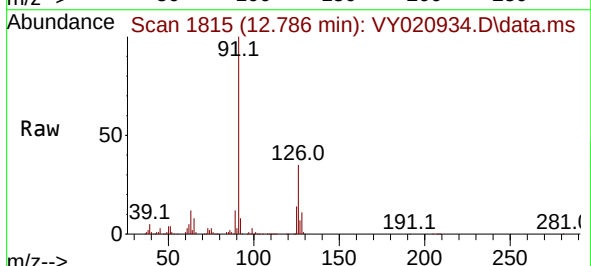
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

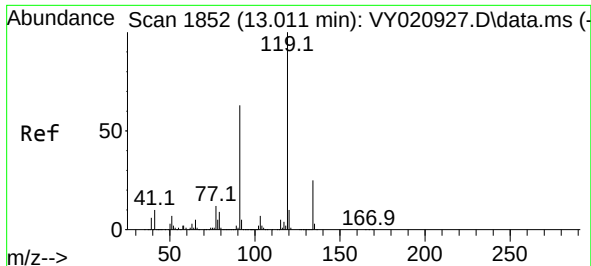
Tgt Ion: 75 Resp: 30508
Ion Ratio Lower Upper
75 100
53 87.3 67.7 101.5
89 46.4 38.4 57.6



#82
4-Chlorotoluene
Concen: 49.441 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 91 Resp: 367341
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3

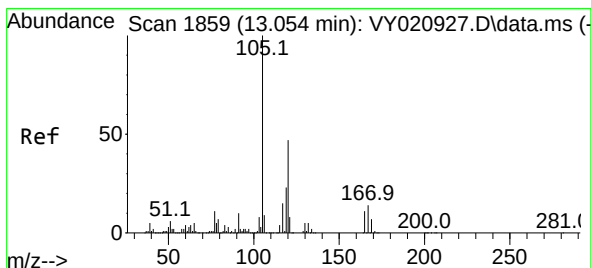
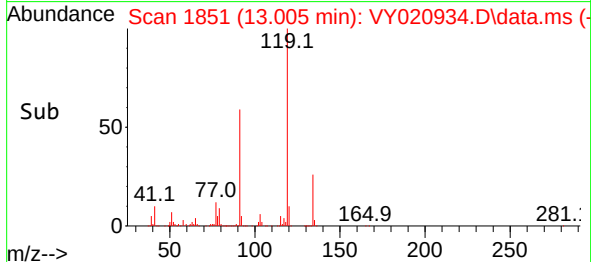
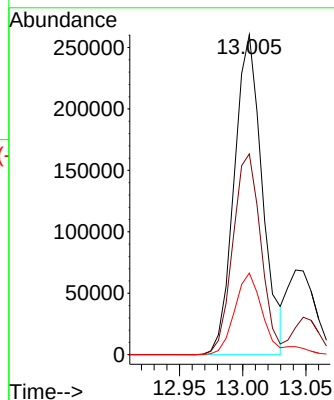
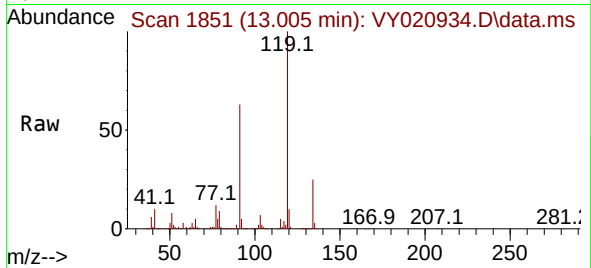




#83
tert-Butylbenzene
Concen: 49.371 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

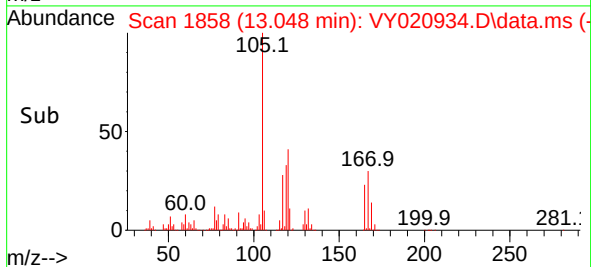
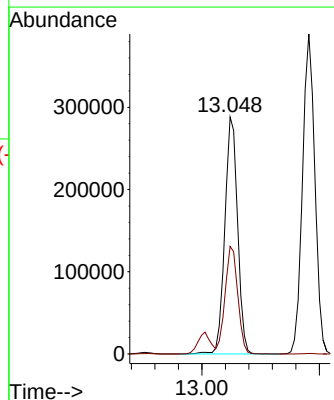
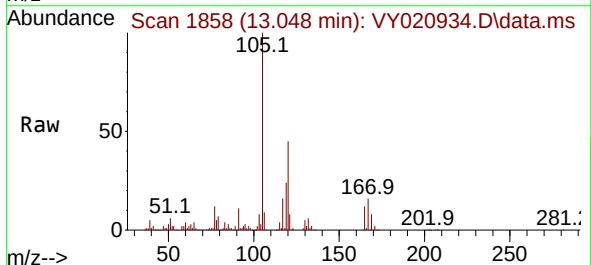
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012425

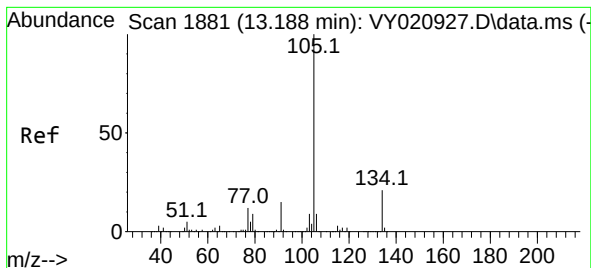
Tgt Ion:119 Resp: 402986
Ion Ratio Lower Upper
119 100
91 62.4 30.9 92.8
134 26.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 49.864 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.006 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion:105 Resp: 434406
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 48.797 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

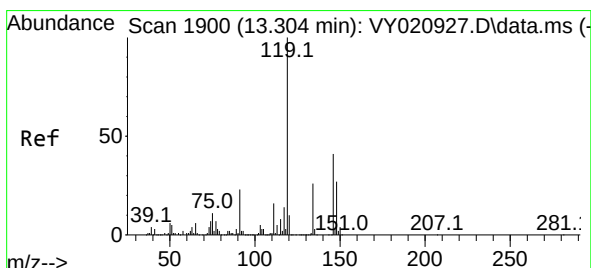
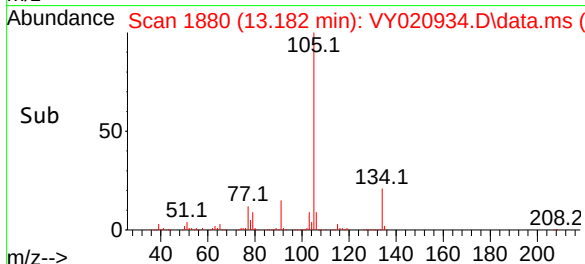
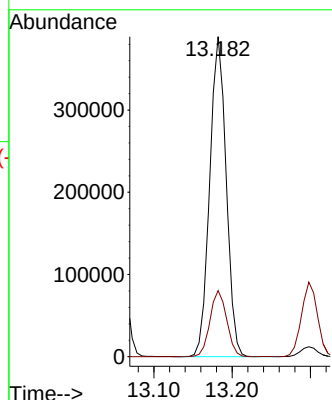
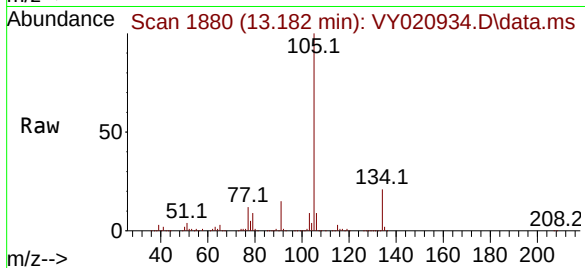
ICVY012425

Tgt Ion:105 Resp: 567874

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 48.984 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

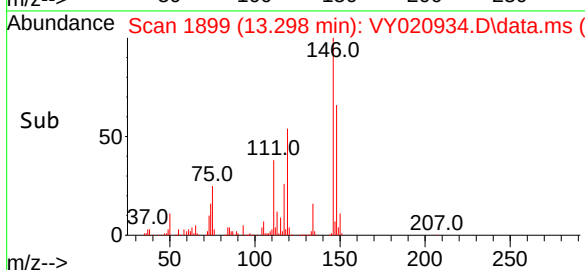
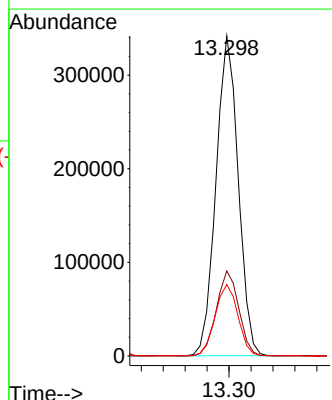
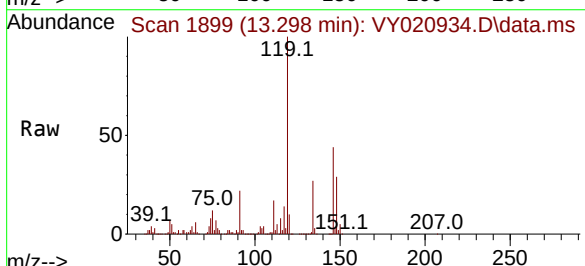
Tgt Ion:119 Resp: 481599

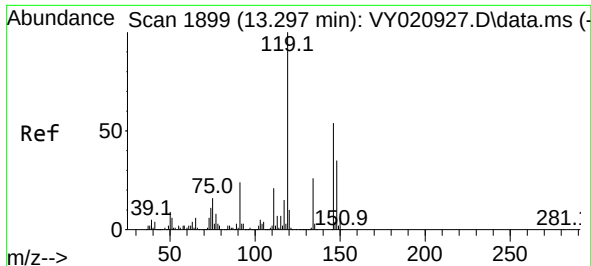
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.9 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 49.449 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012425

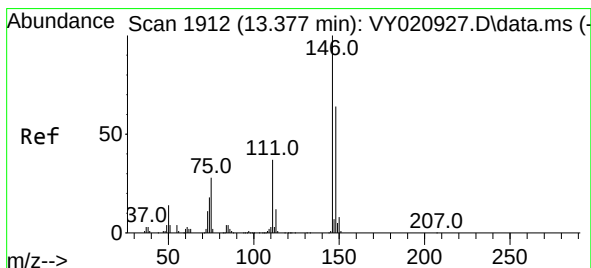
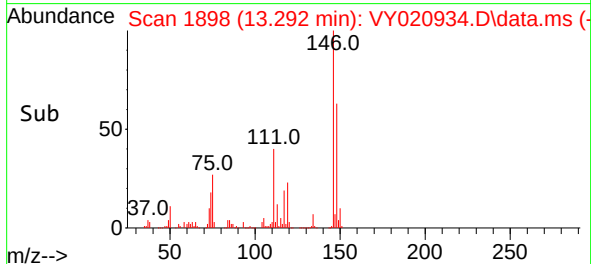
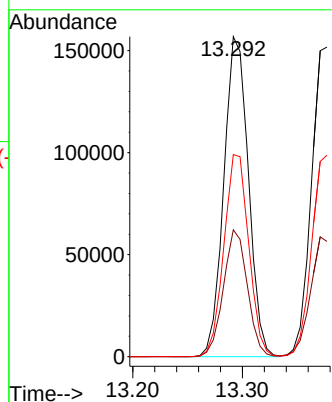
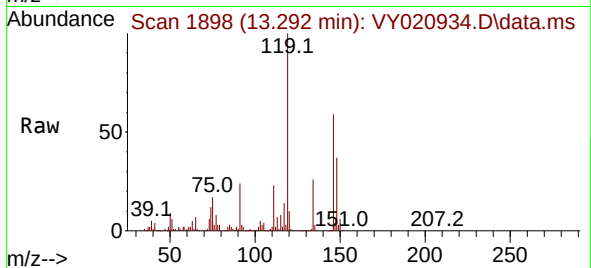
Tgt Ion:146 Resp: 244452

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.067 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

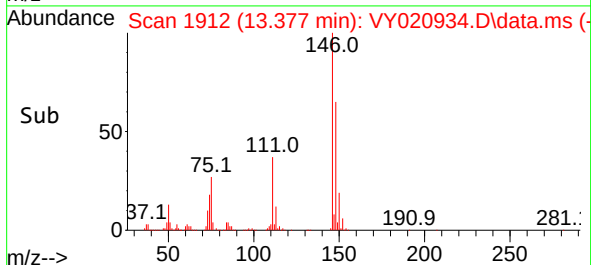
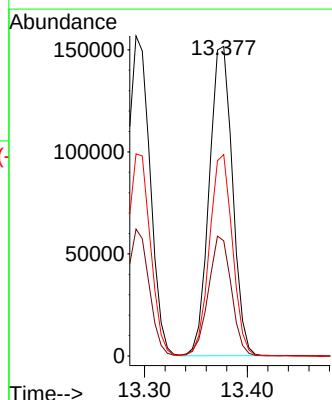
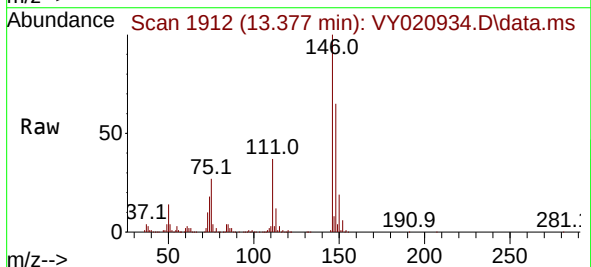
Tgt Ion:146 Resp: 238276

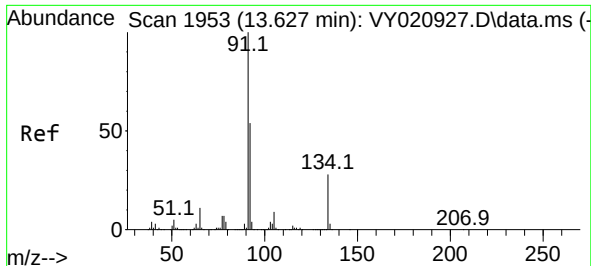
Ion Ratio Lower Upper

146 100

111 38.3 18.8 56.4

148 64.4 32.0 96.0

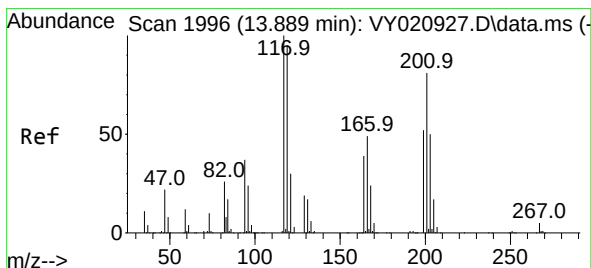
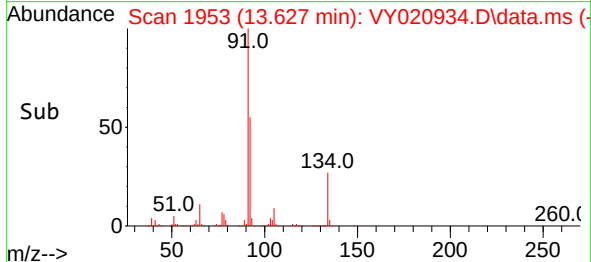
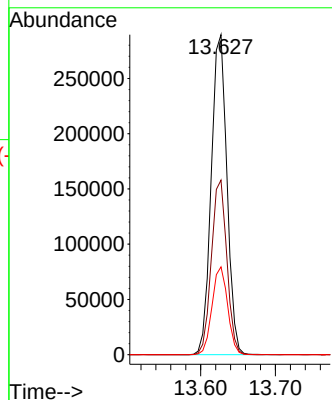
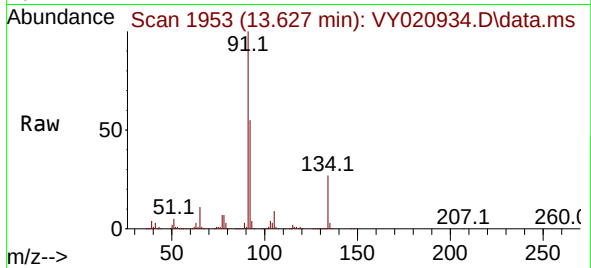




#89
n-Butylbenzene
Concen: 48.846 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

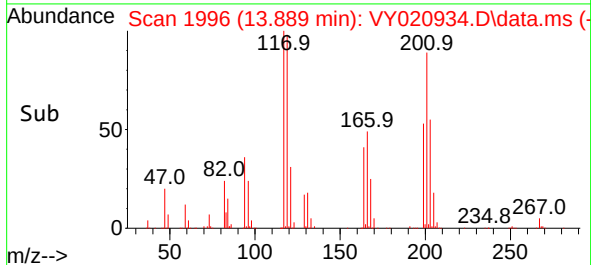
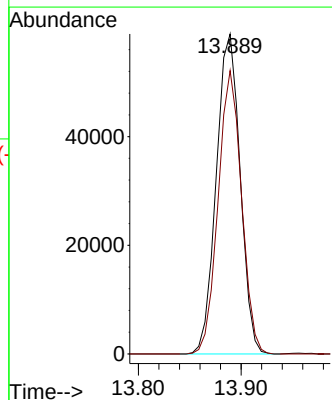
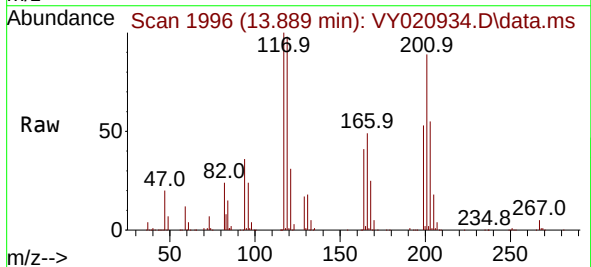
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012425

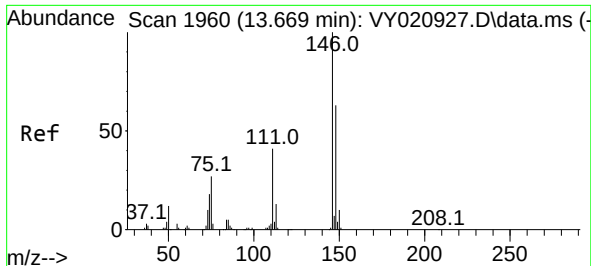
Tgt Ion: 91 Resp: 423619
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.3
134 27.3 13.8 41.4



#90
Hexachloroethane
Concen: 48.560 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020934.D
Acq: 24 Jan 2025 17:29

Tgt Ion: 117 Resp: 94843
Ion Ratio Lower Upper
117 100
201 86.7 42.7 128.1

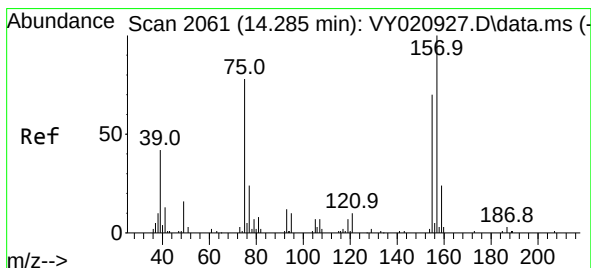
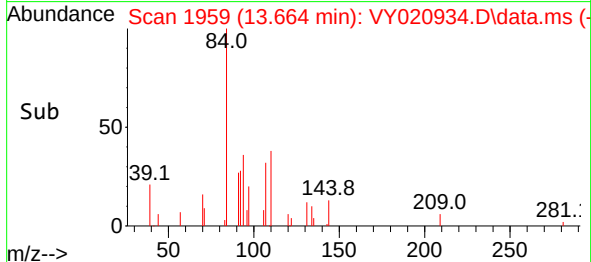
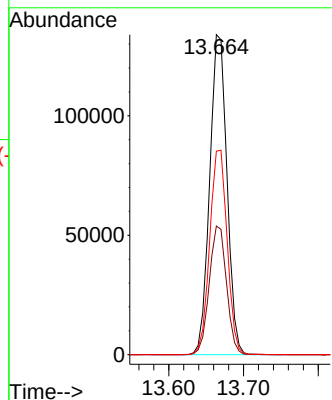
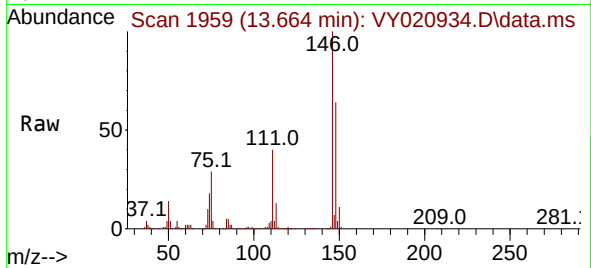




#91
 1,2-Dichlorobenzene
 Concen: 50.233 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

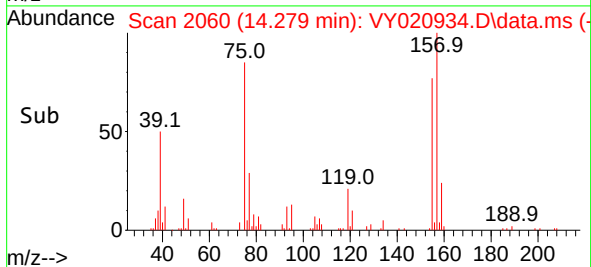
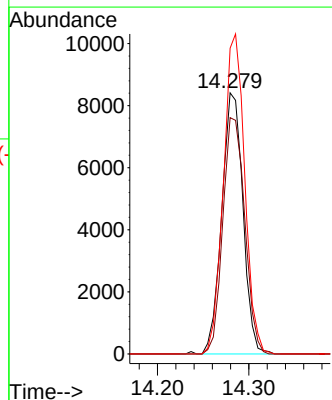
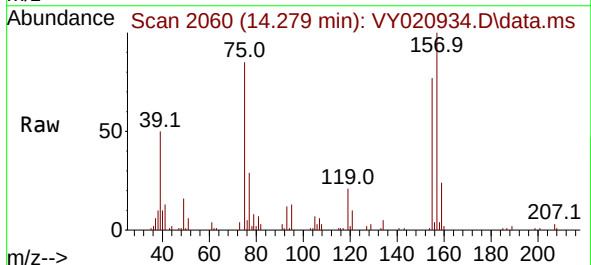
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012425

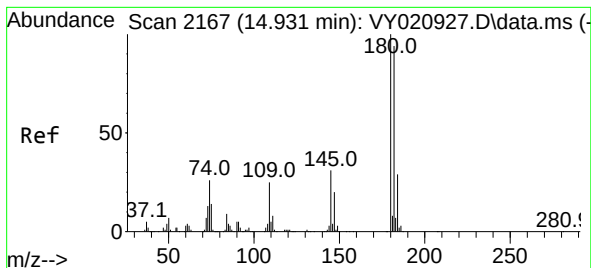
Tgt Ion:146 Resp: 215149
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.6
 148 64.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.692 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.006 min
 Lab File: VY020934.D
 Acq: 24 Jan 2025 17:29

Tgt Ion: 75 Resp: 13564
 Ion Ratio Lower Upper
 75 100
 155 93.5 46.6 139.7
 157 123.0 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 51.329 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

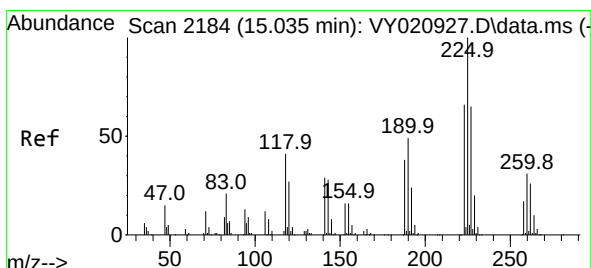
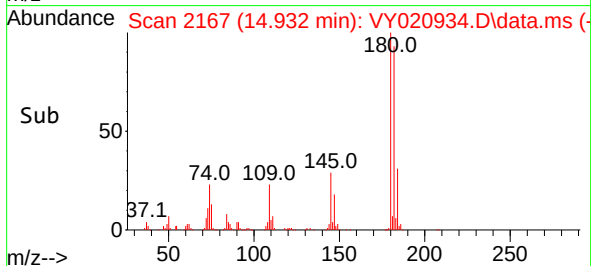
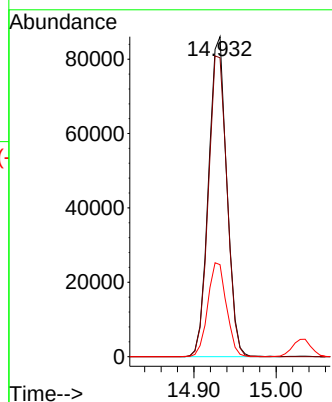
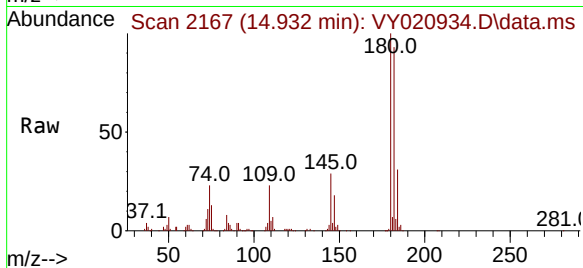
Tgt Ion:180 Resp: 132251

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 30.0 14.9 44.5



#94

Hexachlorobutadiene

Concen: 48.715 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

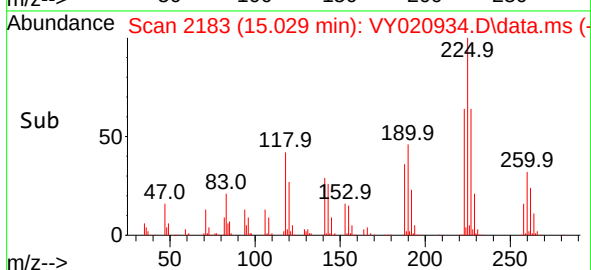
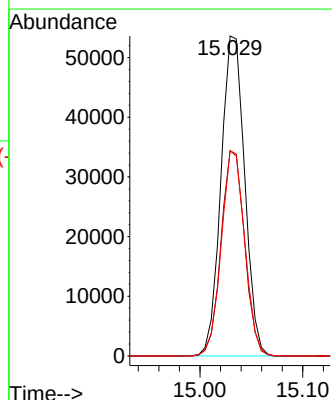
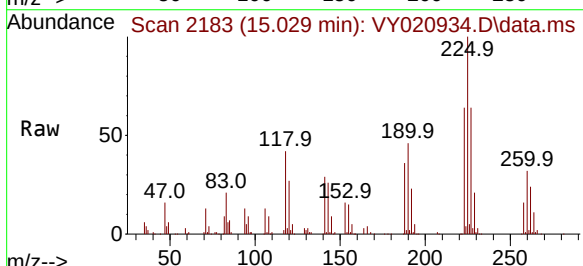
Tgt Ion:225 Resp: 85875

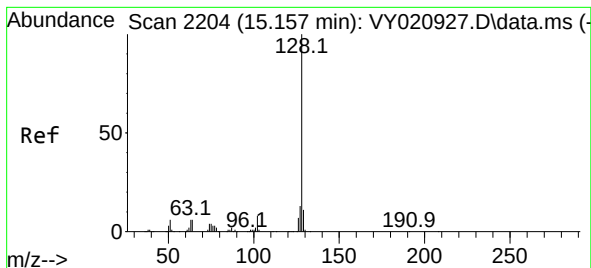
Ion Ratio Lower Upper

225 100

223 63.3 31.5 94.5

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 55.938 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012425

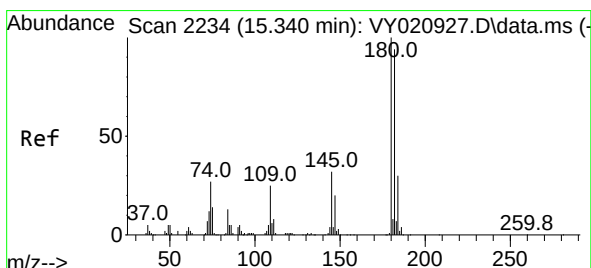
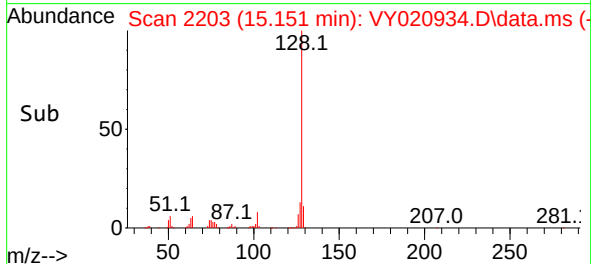
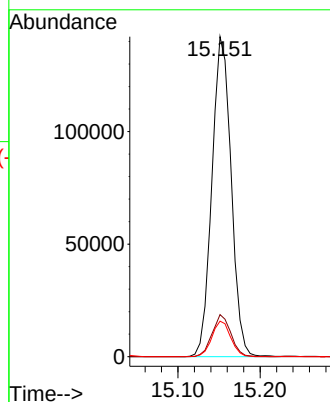
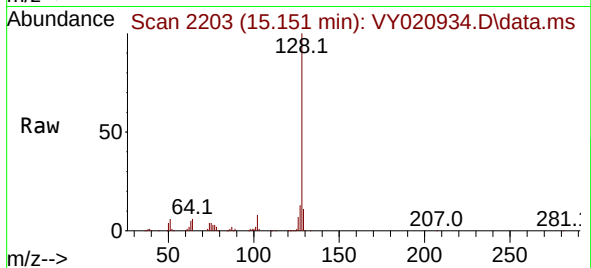
Tgt Ion:128 Resp: 231117

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.629 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020934.D

Acq: 24 Jan 2025 17:29

Tgt Ion:180 Resp: 113923

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 32.0 15.7 47.0

