

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021229.D
 Acq On : 18 Feb 2025 13:30
 Operator : SY/MD
 Sample : VY0218SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 19 08:24:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	151578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	238563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	205533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	98978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	84408	54.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.700%	
35) Dibromofluoromethane	7.640	113	80135	52.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.115	98	294758	50.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.414	95	100023	52.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	22090	16.351	ug/l	94
3) Chloromethane	2.074	50	23553	17.668	ug/l	100
4) Vinyl Chloride	2.214	62	24851	18.520	ug/l	99
5) Bromomethane	2.605	94	15529	18.725	ug/l	99
6) Chloroethane	2.745	64	16362	20.484	ug/l	96
7) Trichlorofluoromethane	3.068	101	50116	20.501	ug/l	100
8) Diethyl Ether	3.464	74	17077	22.377	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.830	101	33410	21.776	ug/l	97
10) Methyl Iodide	4.019	142	29244	17.157	ug/l	95
11) Tert butyl alcohol	4.885	59	13946	132.513	ug/l #	75
12) 1,1-Dichloroethene	3.799	96	27156	18.790	ug/l	93
13) Acrolein	3.665	56	13841	85.406	ug/l	99
14) Allyl chloride	4.397	41	52020	21.357	ug/l	95
15) Acrylonitrile	5.080	53	43477	136.812	ug/l	99
16) Acetone	3.885	43	33935	140.116	ug/l	94
17) Carbon Disulfide	4.117	76	52310	11.542	ug/l	100
18) Methyl Acetate	4.403	43	22516	26.483	ug/l	97
19) Methyl tert-butyl Ether	5.135	73	92324	25.274	ug/l	98
20) Methylene Chloride	4.629	84	33748	22.415	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	29209	18.360	ug/l	93
22) Diisopropyl ether	6.031	45	127290	25.353	ug/l	96
23) Vinyl Acetate	5.976	43	353517	126.309	ug/l	97
24) 1,1-Dichloroethane	5.933	63	67572	22.972	ug/l	96
25) 2-Butanone	6.909	43	55799	140.203	ug/l	97
26) 2,2-Dichloropropane	6.896	77	62951	23.129	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	40326	22.022	ug/l	91
28) Bromochloromethane	7.256	49	25561	21.975	ug/l	97
29) Tetrahydrofuran	7.274	42	36451	135.352	ug/l	94
30) Chloroform	7.433	83	72843	24.109	ug/l	93
31) Cyclohexane	7.707	56	48256	18.217	ug/l	92
32) 1,1,1-Trichloroethane	7.628	97	64332	22.901	ug/l	99
36) 1,1-Dichloropropene	7.848	75	45868	20.255	ug/l	98
37) Ethyl Acetate	6.994	43	26849	27.027	ug/l	98
38) Carbon Tetrachloride	7.829	117	56946	21.522	ug/l	98
39) Methylcyclohexane	9.116	83	50108	18.090	ug/l	99
40) Benzene	8.085	78	141692	21.321	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13937	24.250	ug/l #	74
42) 1,2-Dichloroethane	8.165	62	42840	23.239	ug/l	96
43) Isopropyl Acetate	8.207	43	52733	26.714	ug/l	94
44) Trichloroethene	8.872	130	35724	20.807	ug/l	97
45) 1,2-Dichloropropane	9.152	63	37179	23.571	ug/l	99
46) Dibromomethane	9.238	93	19985	22.884	ug/l	97
47) Bromodichloromethane	9.433	83	56831	24.264	ug/l #	95
48) Methyl methacrylate	9.231	41	23025	25.607	ug/l	92
49) 1,4-Dioxane	9.244	88	4481	551.163	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	138479	139.506	ug/l	95
52) Toluene	10.176	92	89711	21.499	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	51222	24.355	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	58317	23.419	ug/l	91
55) 1,1,2-Trichloroethane	10.579	97	28497	25.198	ug/l	97
56) Ethyl methacrylate	10.445	69	38267	25.294	ug/l	89
57) 1,3-Dichloropropane	10.725	76	48223	24.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	83203	115.598	ug/l	98
59) 2-Hexanone	10.768	43	91169	142.647	ug/l	95
60) Dibromochloromethane	10.920	129	38528	24.259	ug/l	98
61) 1,2-Dibromoethane	11.024	107	25524	24.095	ug/l	98
64) Tetrachloroethene	10.658	164	31052	20.352	ug/l	94
65) Chlorobenzene	11.451	112	102556	22.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	39944	24.560	ug/l	98
67) Ethyl Benzene	11.530	91	179578	22.185	ug/l	99
68) m/p-Xylenes	11.633	106	134579	44.442	ug/l	97
69) o-Xylene	11.963	106	65342	23.144	ug/l	98
70) Styrene	11.975	104	111168	23.625	ug/l	98
71) Bromoform	12.139	173	22822	25.210	ug/l #	98
73) Isopropylbenzene	12.261	105	176842	22.873	ug/l	99
74) N-amyl acetate	12.078	43	45527	26.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	34298	26.673	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	44127	49.147	ug/l #	100
77) Bromobenzene	12.542	156	41252	23.121	ug/l	97
78) n-propylbenzene	12.603	91	214841	23.327	ug/l	99
79) 2-Chlorotoluene	12.688	91	122361	23.196	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	146284	23.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11203	25.460	ug/l	93
82) 4-Chlorotoluene	12.786	91	126193	23.480	ug/l	99
83) tert-Butylbenzene	13.005	119	132496	23.254	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	145632	23.760	ug/l	99
85) sec-Butylbenzene	13.182	105	195434	23.828	ug/l	98
86) p-Isopropyltoluene	13.298	119	161252	23.668	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	82557	23.964	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	80396	23.702	ug/l	98
89) n-Butylbenzene	13.627	91	147712	23.765	ug/l	99
90) Hexachloroethane	13.889	117	33462	23.543	ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	72602	24.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5069	26.380	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	41515	24.943	ug/l	100
94) Hexachlorobutadiene	15.035	225	27156	24.621	ug/l	99
95) Naphthalene	15.157	128	72703	27.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	35976	25.974	ug/l	98

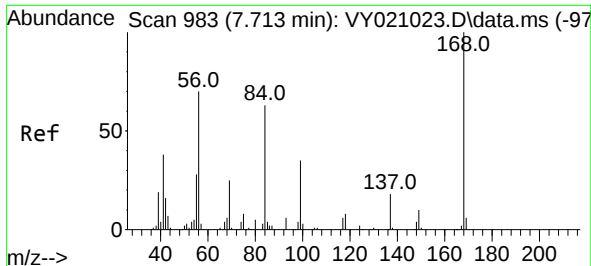
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
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Response via : Initial Calibration

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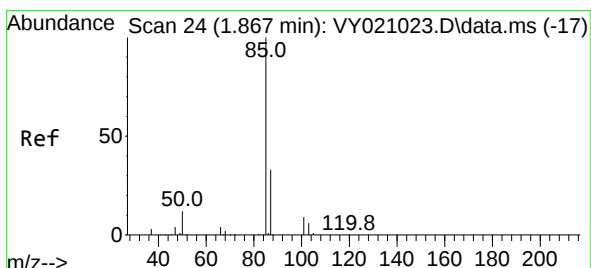
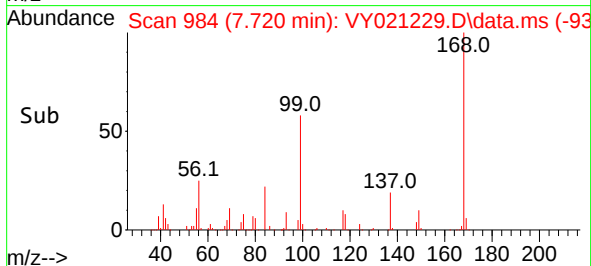
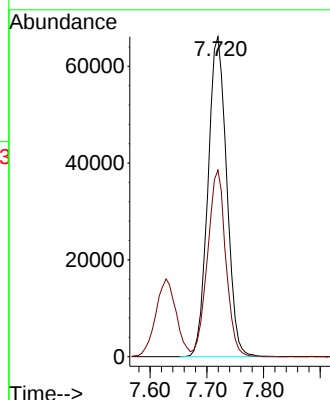
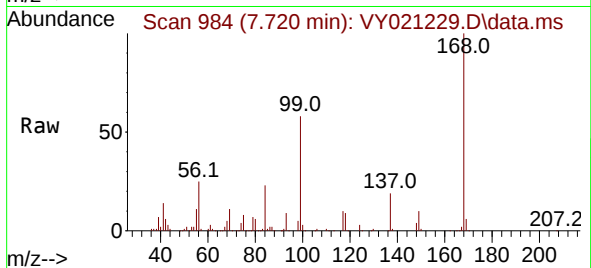
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

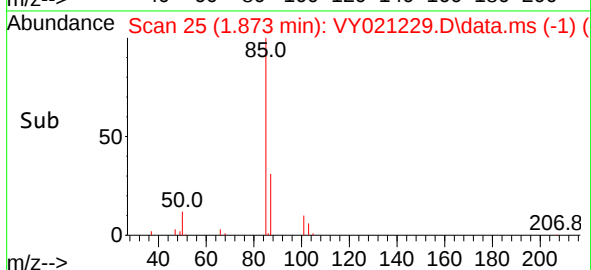
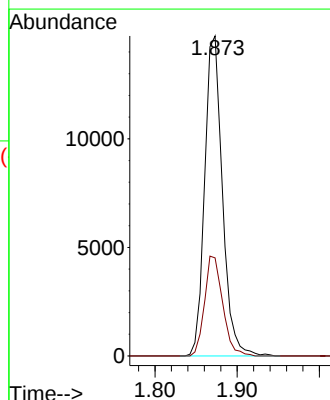
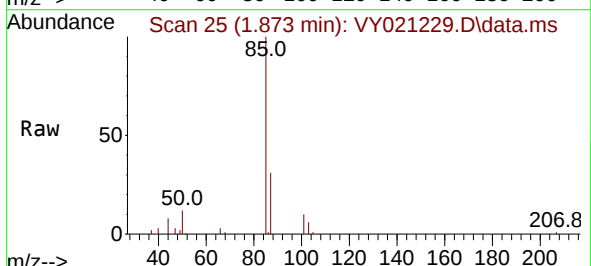
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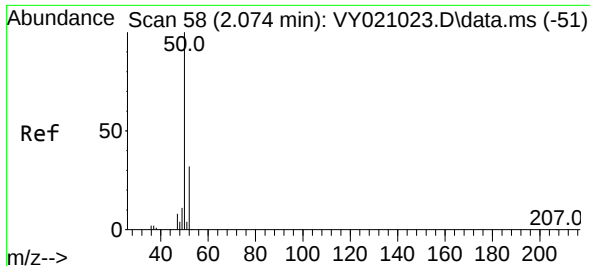
Tgt Ion:168 Resp: 151578
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.351 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 85 Resp: 22090
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3

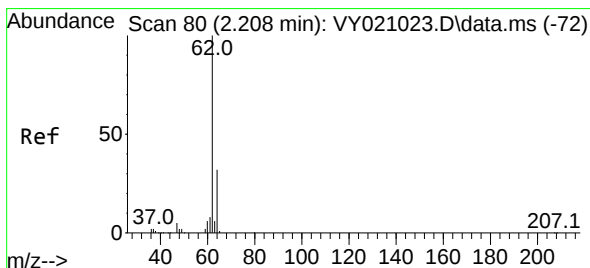
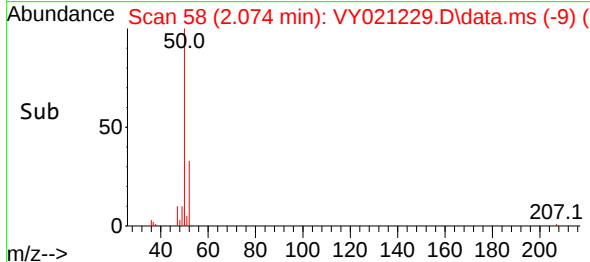
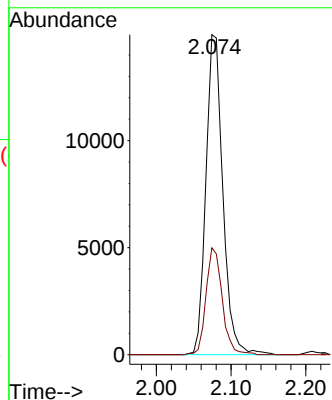
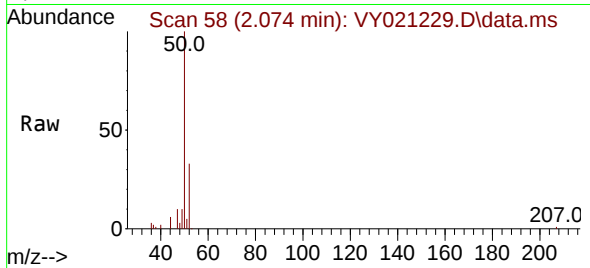




#3
Chloromethane
Concen: 17.668 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

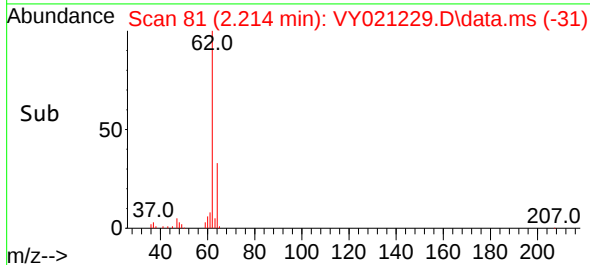
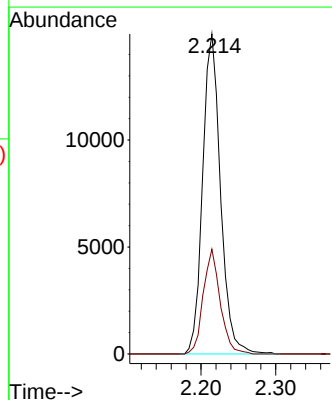
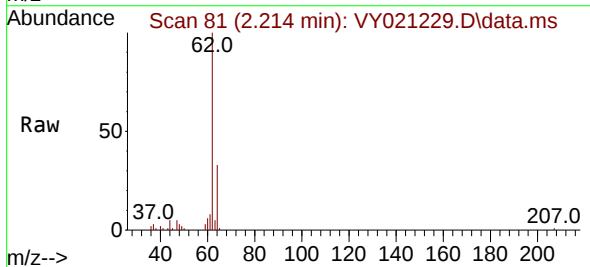
Instrument :
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ClientSampleId :

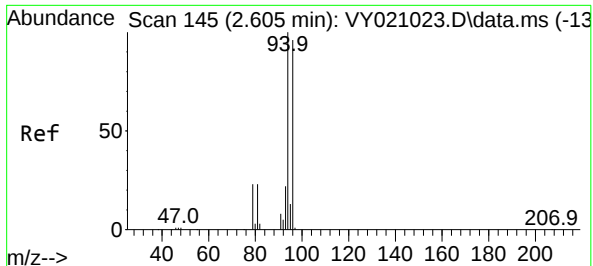
Tgt Ion: 50 Resp: 23553
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 18.520 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 62 Resp: 24851
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5

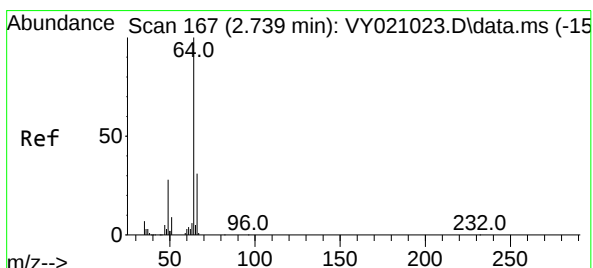
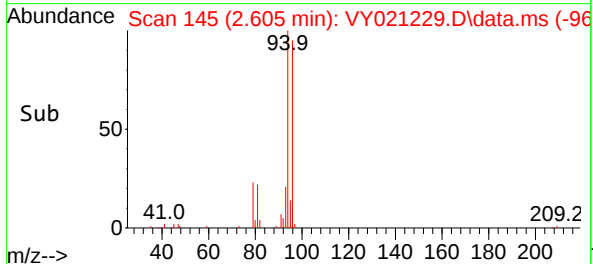
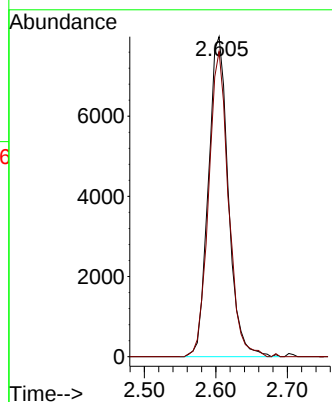
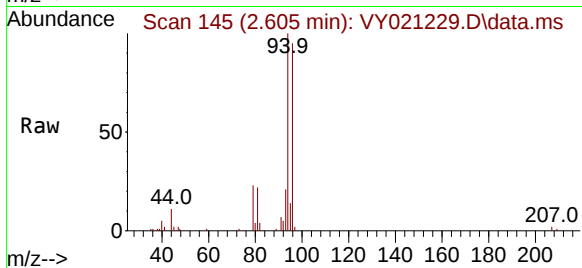




#5
Bromomethane
Concen: 18.725 ug/l
RT: 2.605 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

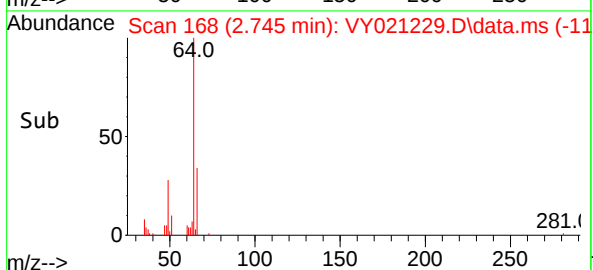
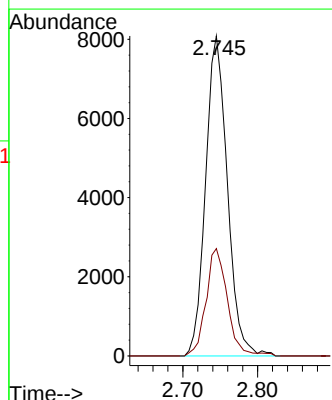
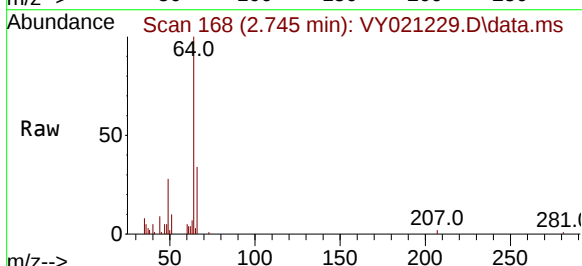
Instrument :
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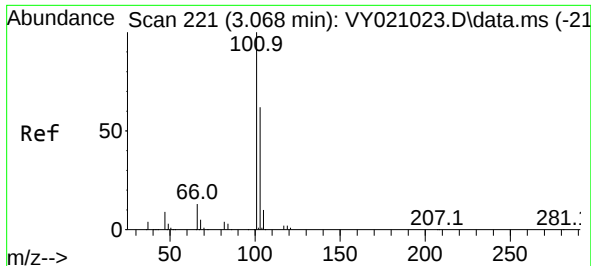
Tgt Ion: 94 Resp: 15529
Ion Ratio Lower Upper
94 100
96 95.4 77.3 115.9



#6
Chloroethane
Concen: 20.484 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 64 Resp: 16362
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7

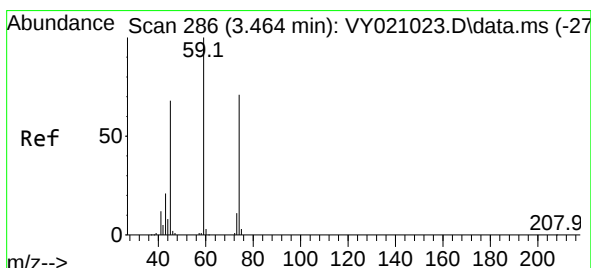
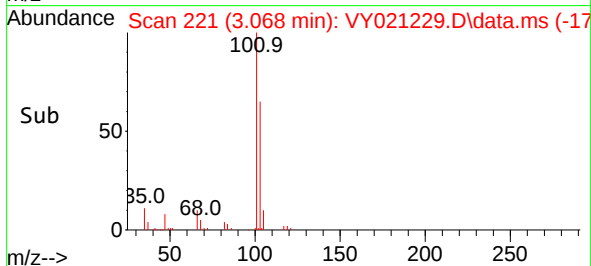
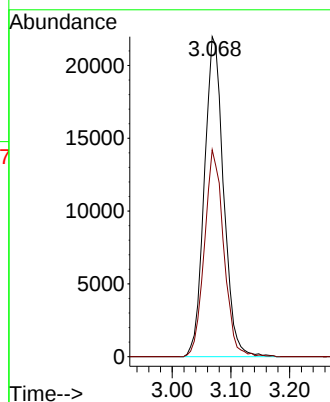
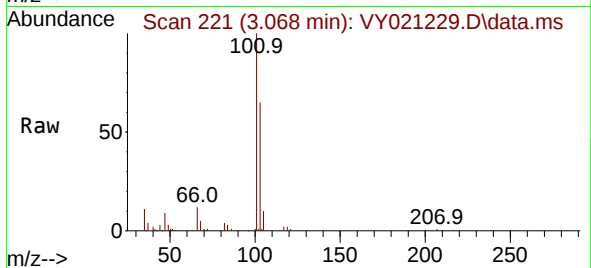




#7
Trichlorofluoromethane
Concen: 20.501 ug/l
RT: 3.068 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

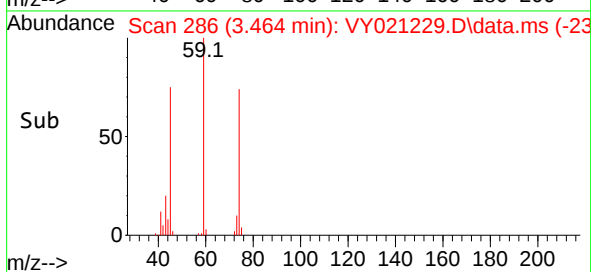
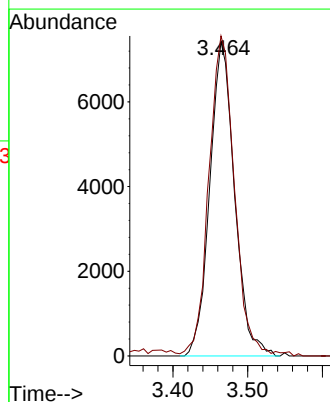
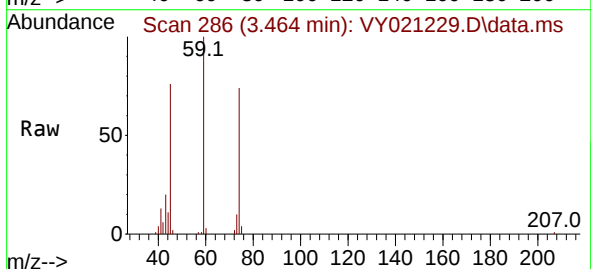
Instrument :
MSVOA_Y
ClientSampleId :

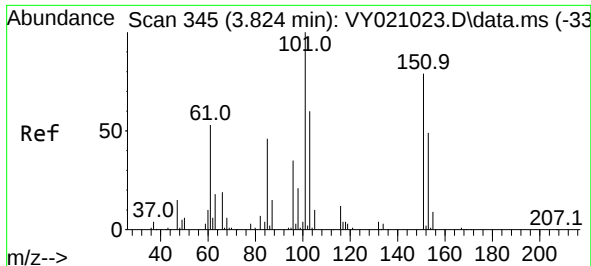
Tgt Ion:101 Resp: 50116
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 22.377 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 74 Resp: 17077
Ion Ratio Lower Upper
74 100
45 105.6 47.9 143.7

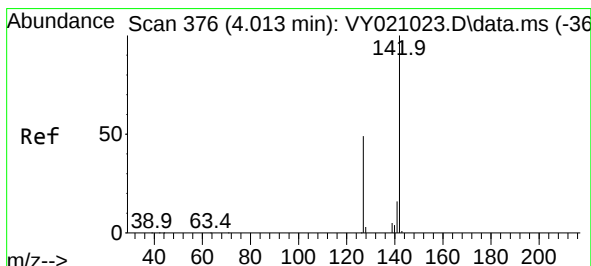
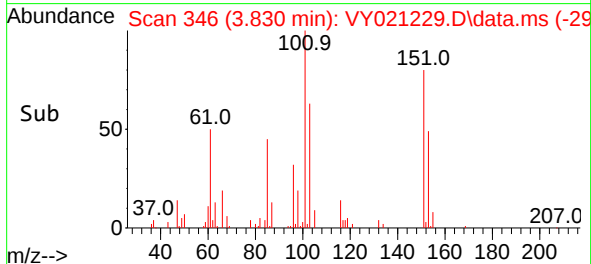
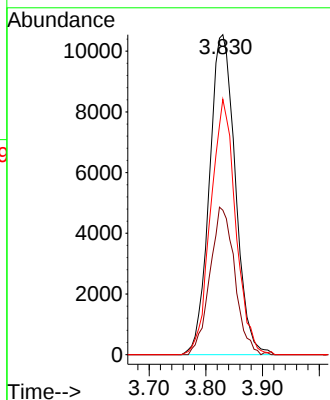
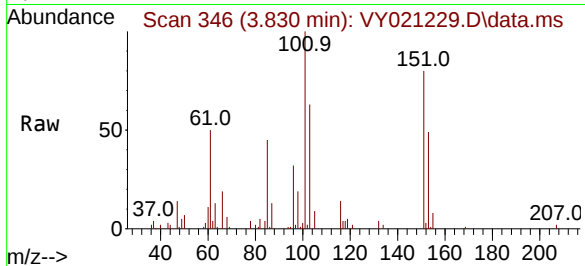




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.776 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021229.D
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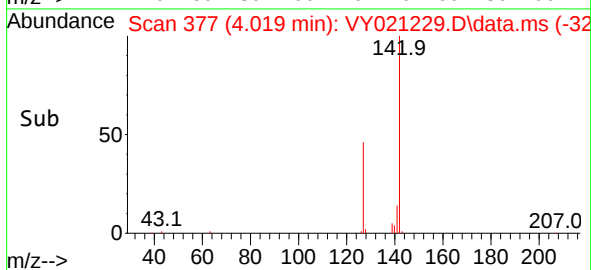
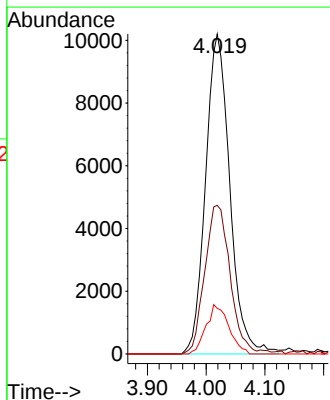
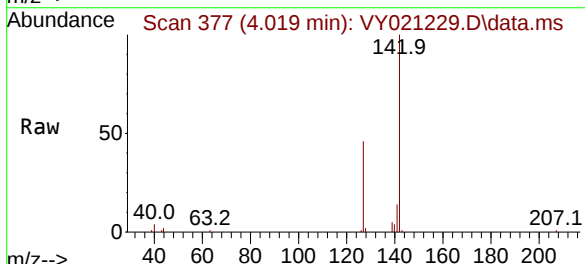
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MSVOA_Y
ClientSampleId :

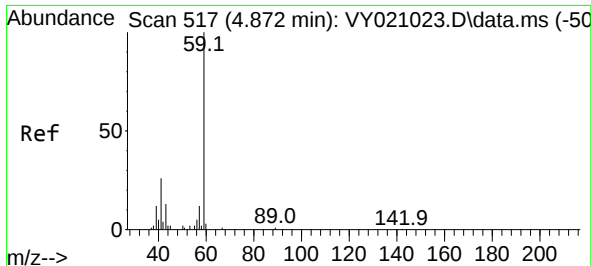
Tgt Ion:101 Resp: 33410
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 77.1 58.6 88.0



#10
Methyl Iodide
Concen: 17.157 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion:142 Resp: 29244
Ion Ratio Lower Upper
142 100
127 48.3 35.1 52.7
141 14.4 11.8 17.6

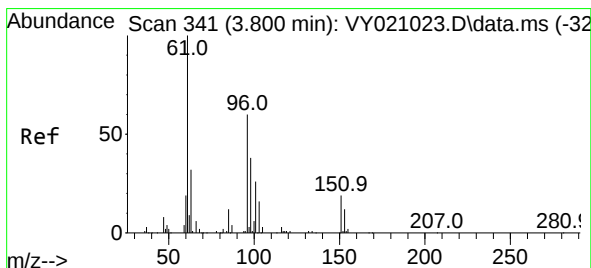
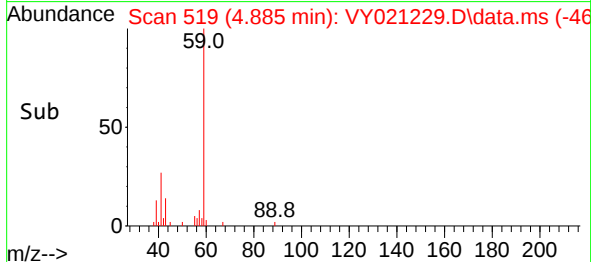
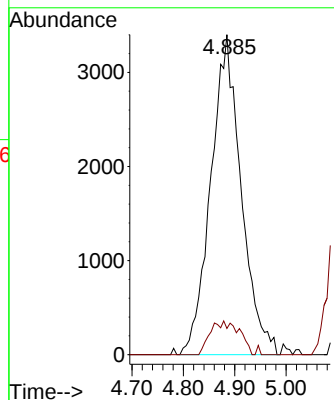
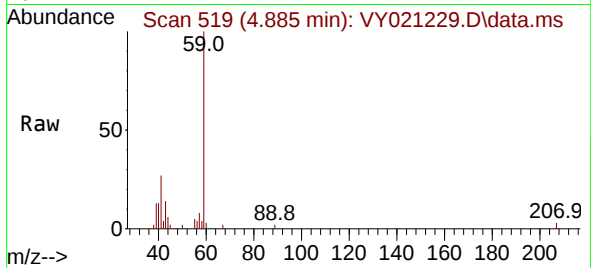




#11
Tert butyl alcohol
Concen: 132.513 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

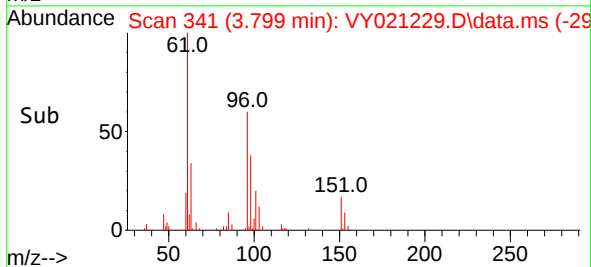
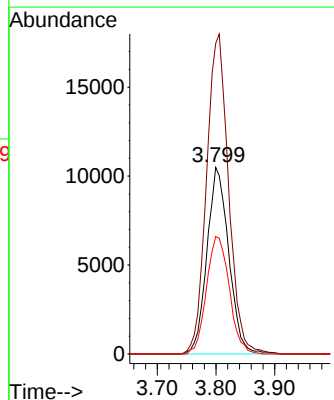
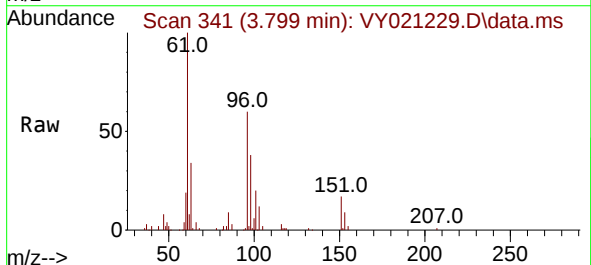
Instrument :
MSVOA_Y
ClientSampleId :

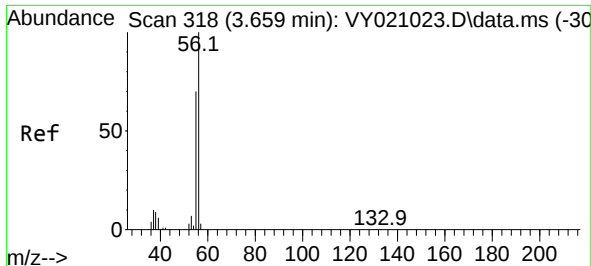
Tgt Ion: 59 Resp: 13946
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.790 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 96 Resp: 27156
Ion Ratio Lower Upper
96 100
61 166.5 124.2 186.2
98 63.0 52.6 79.0

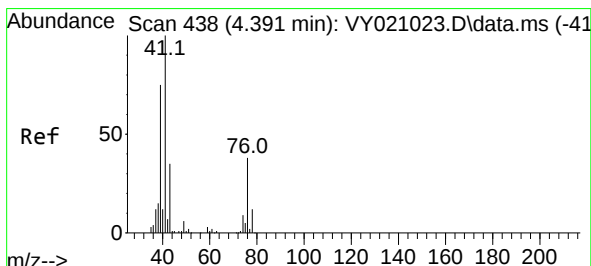
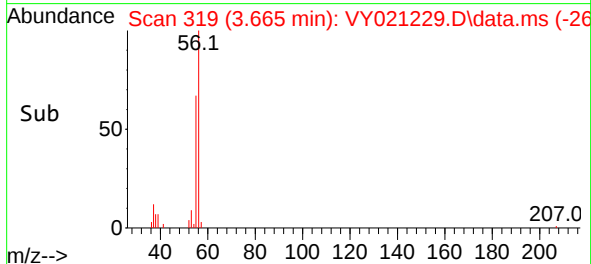
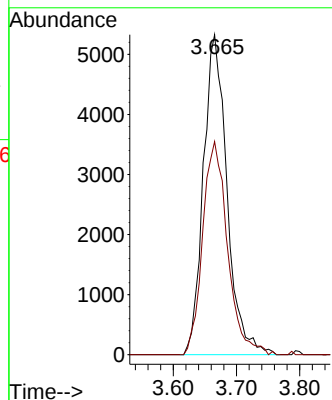
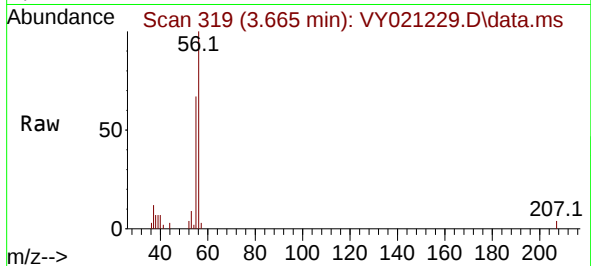




#13
Acrolein
Concen: 85.406 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

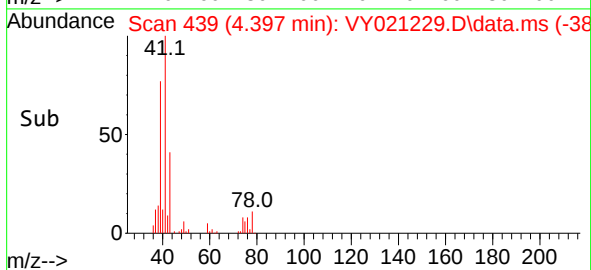
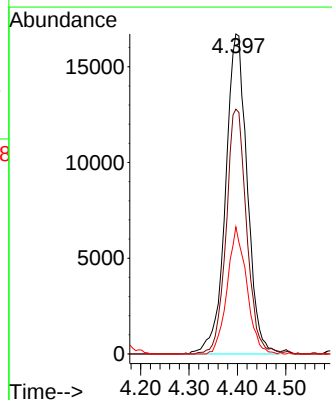
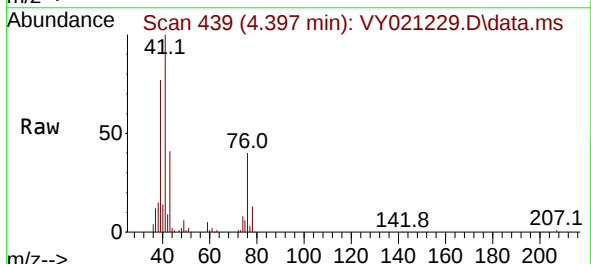
Instrument :
MSVOA_Y
ClientSampleId :

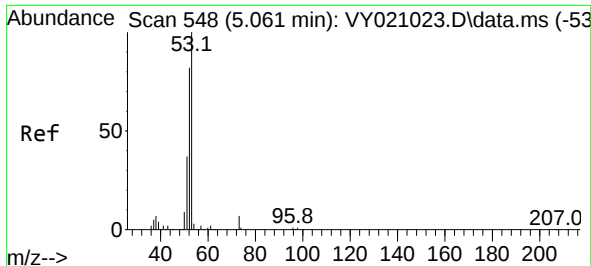
Tgt Ion: 56 Resp: 13841
Ion Ratio Lower Upper
56 100
55 70.2 55.4 83.0



#14
Allyl chloride
Concen: 21.357 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

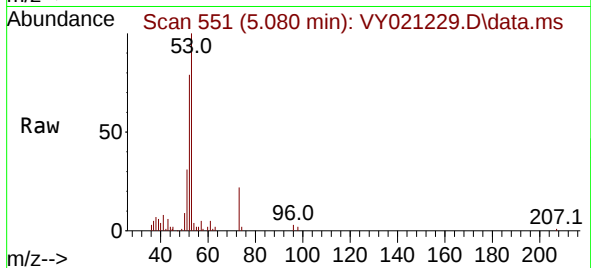
Tgt Ion: 41 Resp: 52020
Ion Ratio Lower Upper
41 100
39 72.3 54.7 82.1
76 35.7 31.8 47.6



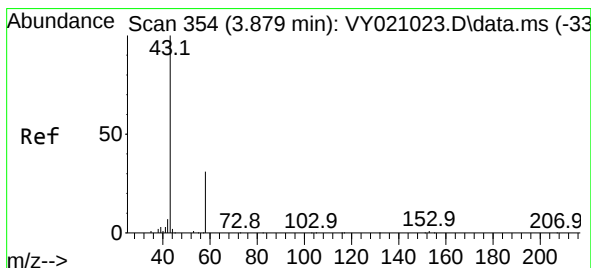
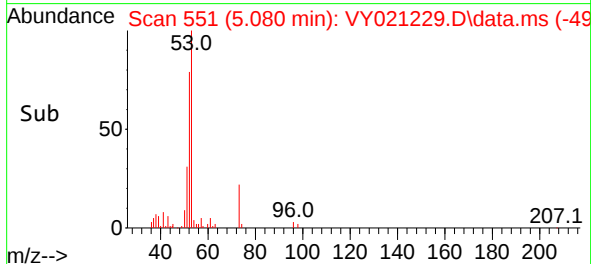
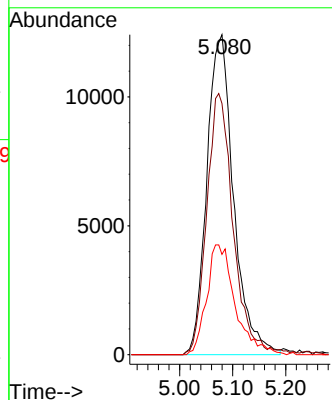


#15
Acrylonitrile
Concen: 136.812 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Instrument :
MSVOA_Y
ClientSampleId :

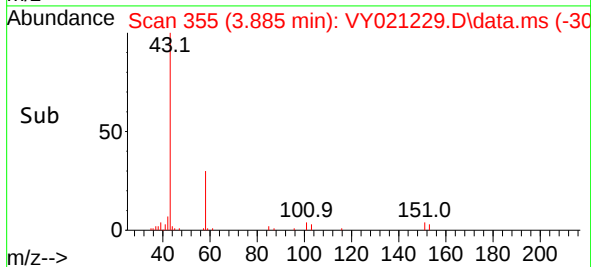
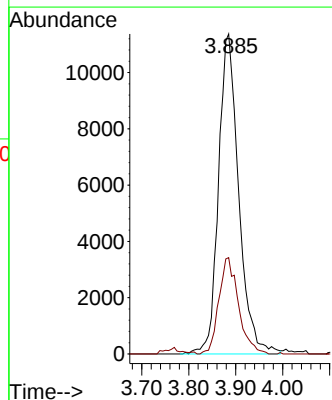
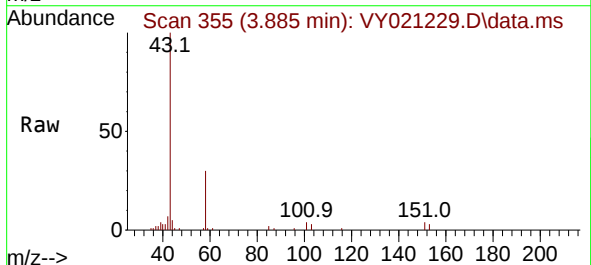


Tgt Ion: 53 Resp: 43477
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 36.5 29.0 43.4



#16
Acetone
Concen: 140.116 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 43 Resp: 33935
Ion Ratio Lower Upper
43 100
58 29.6 26.6 39.8

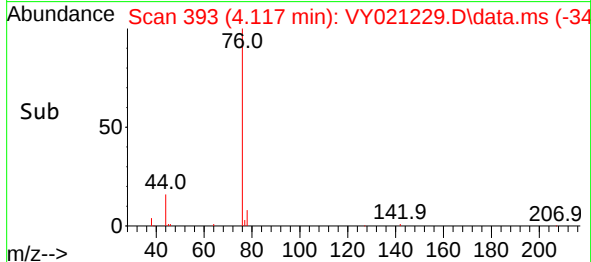
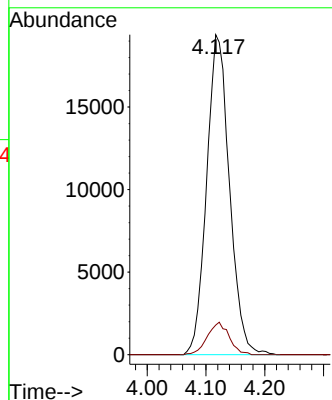
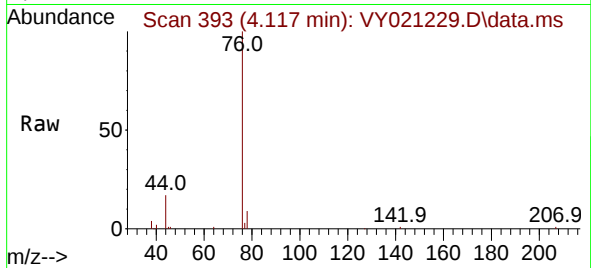




#17
Carbon Disulfide
Concen: 11.542 ug/l
RT: 4.117 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

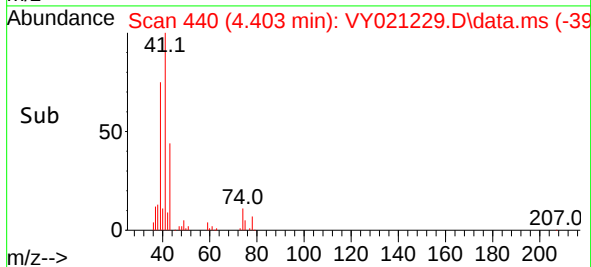
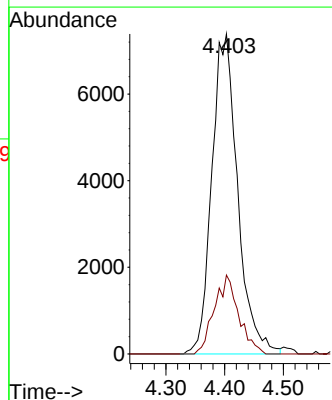
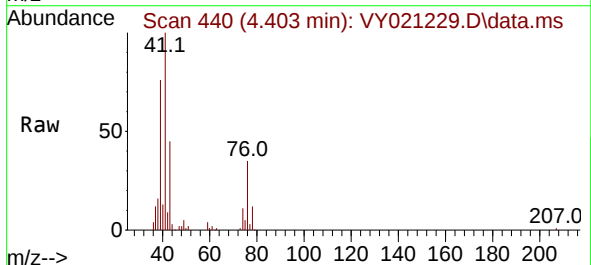
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 52310
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 26.483 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 43 Resp: 22516
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.6

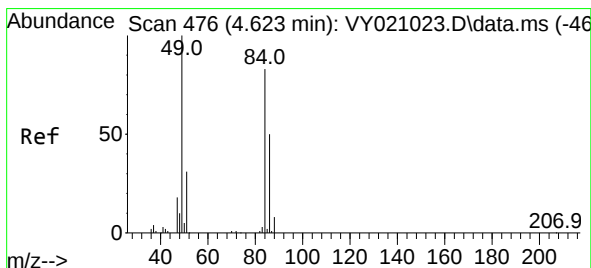
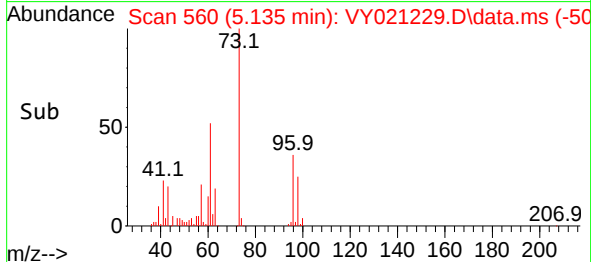
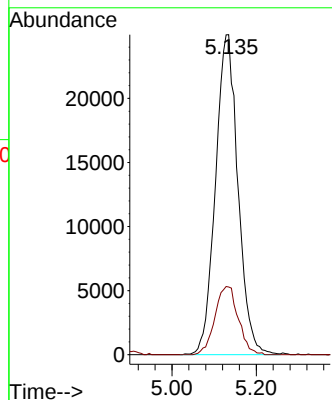
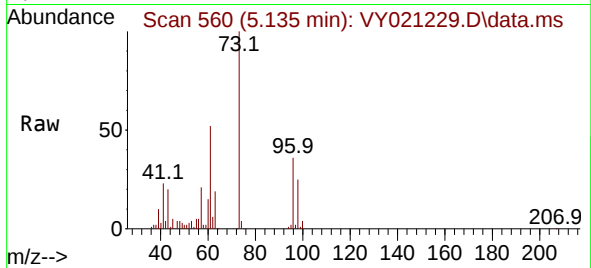




#19
Methyl tert-butyl Ether
Concen: 25.274 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

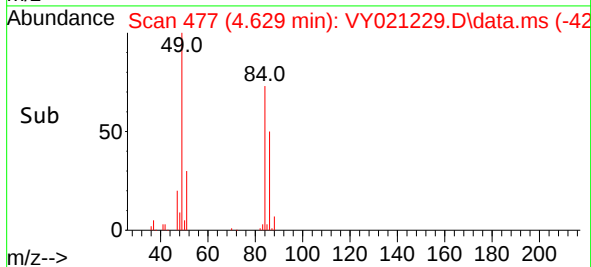
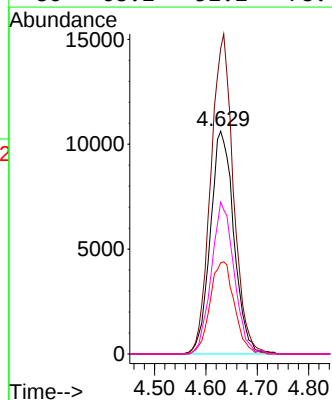
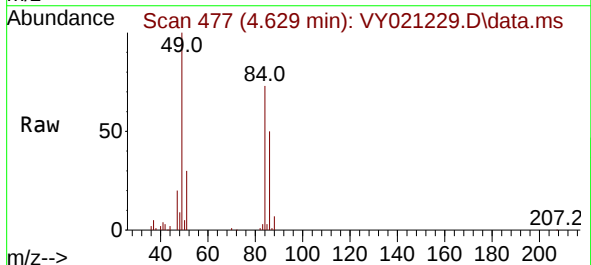
Instrument :
MSVOA_Y
ClientSampleId :

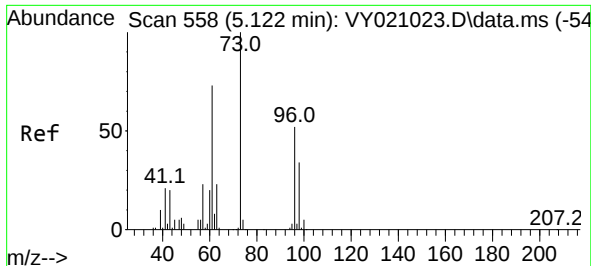
Tgt Ion: 73 Resp: 92324
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 22.415 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

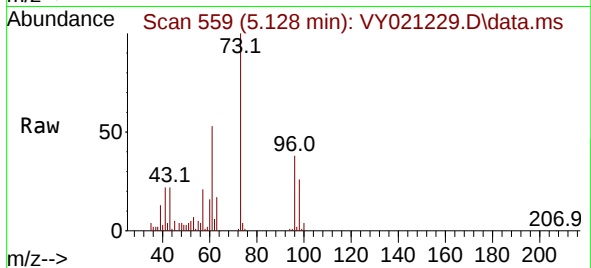
Tgt Ion: 84 Resp: 33748
Ion Ratio Lower Upper
84 100
49 137.1 95.2 142.8
51 41.0 29.9 44.9
86 68.2 52.2 78.4



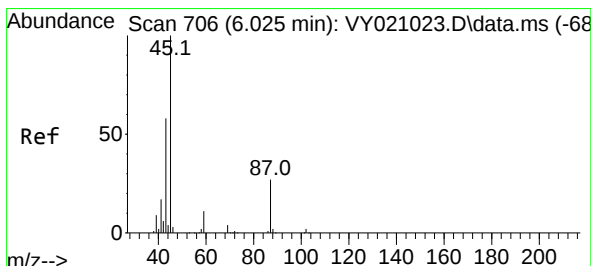
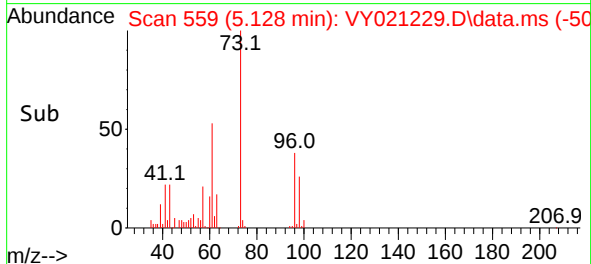
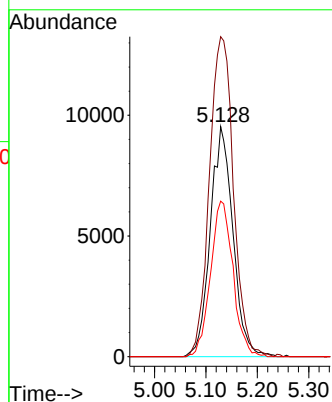


#21
trans-1,2-Dichloroethene
Concen: 18.360 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Instrument :
MSVOA_Y
ClientSampleId :

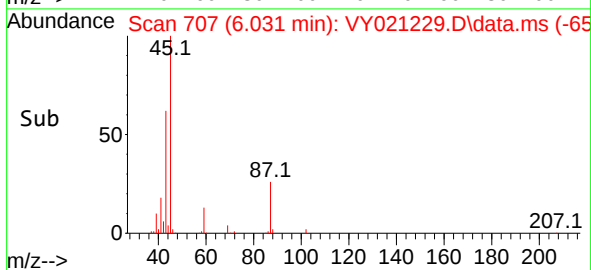
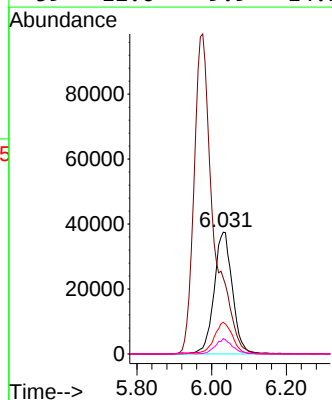
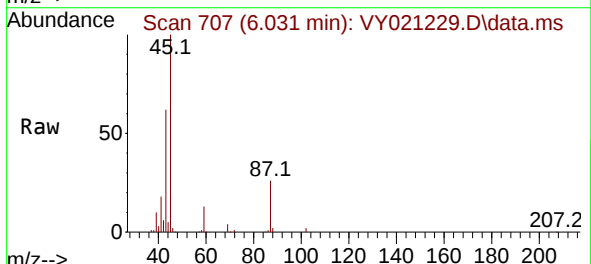


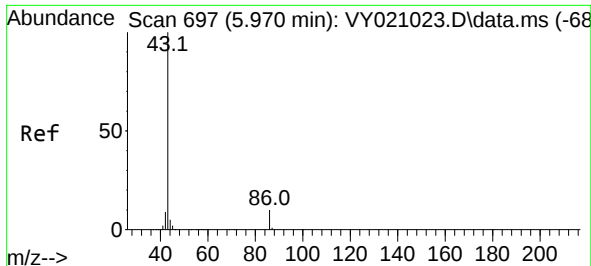
Tgt Ion: 96 Resp: 29209
Ion Ratio Lower Upper
96 100
61 139.1 104.6 156.8
98 67.6 50.9 76.3



#22
Diisopropyl ether
Concen: 25.353 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 45 Resp: 127290
Ion Ratio Lower Upper
45 100
43 61.8 46.8 70.2
87 26.0 22.2 33.2
59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 126.309 ug/l

RT: 5.976 min Scan# 697

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

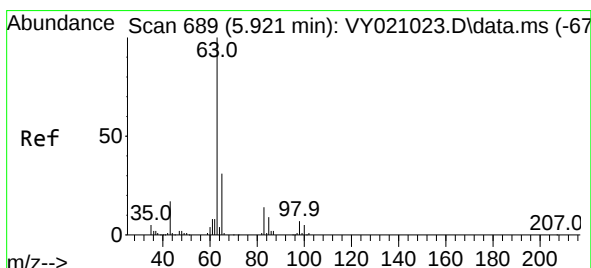
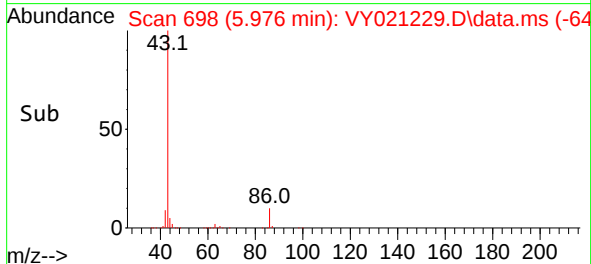
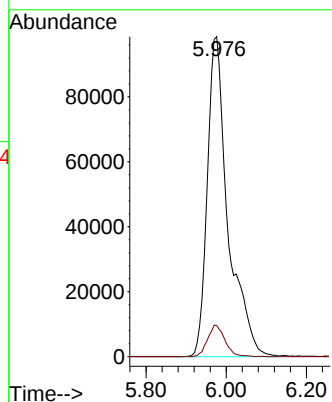
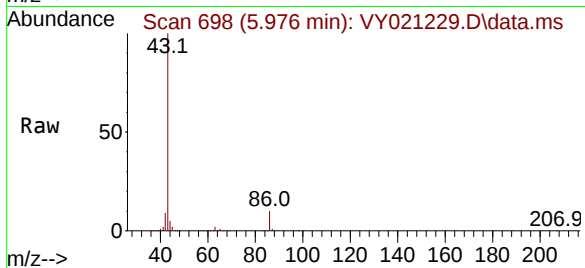
ClientSampleId :

Tgt Ion: 43 Resp: 353517

Ion Ratio Lower Upper

43 100

86 9.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.972 ug/l

RT: 5.933 min Scan# 691

Delta R.T. 0.012 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

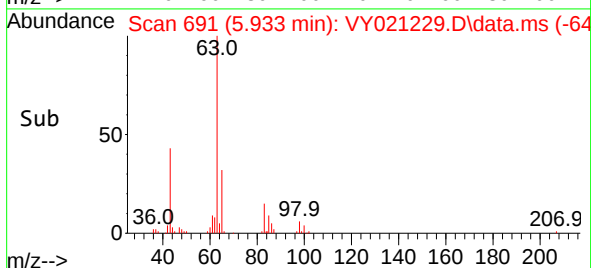
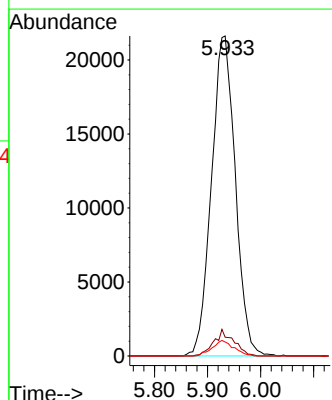
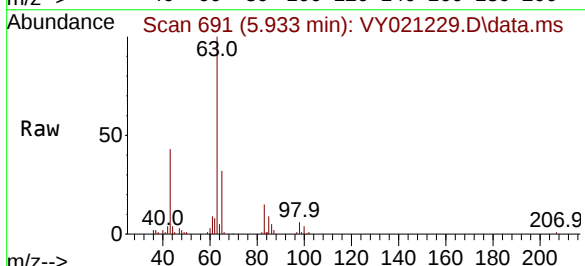
Tgt Ion: 63 Resp: 67572

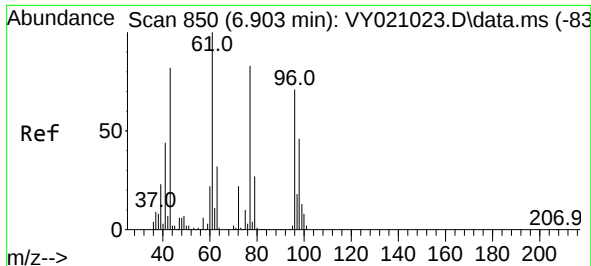
Ion Ratio Lower Upper

63 100

98 5.9 3.8 11.4

100 4.4 2.1 6.2

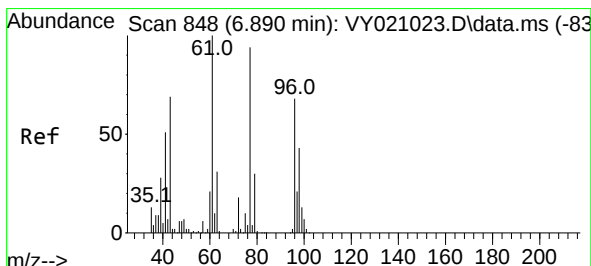
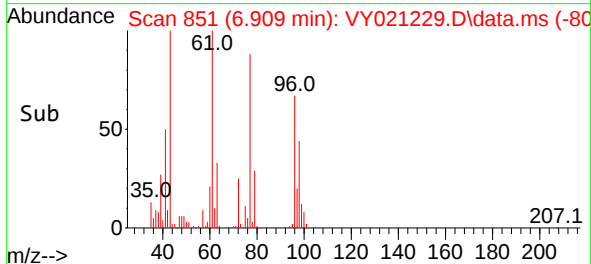
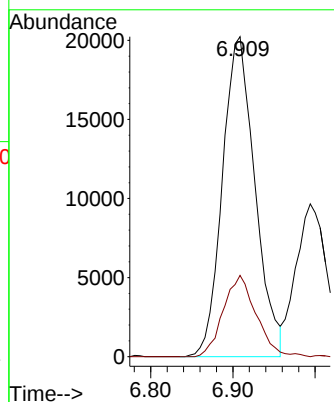
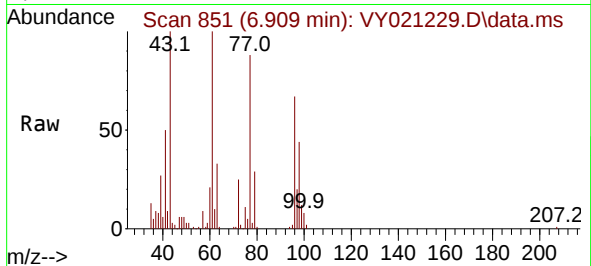




#25
2-Butanone
Concen: 140.203 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

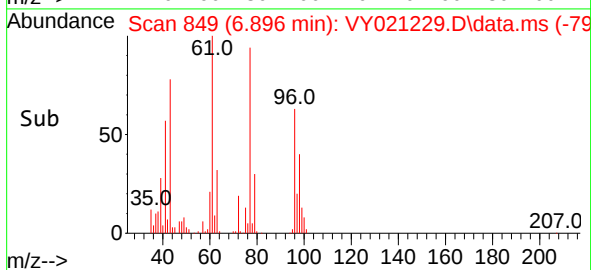
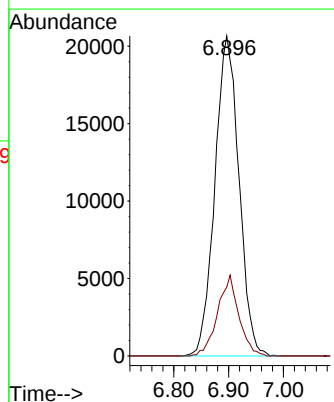
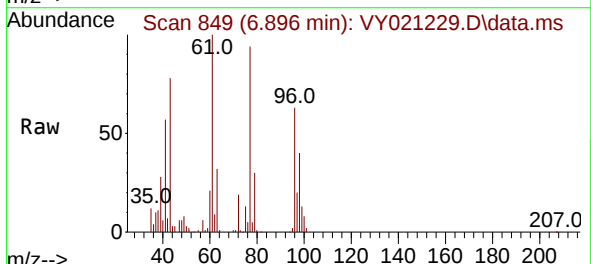
Instrument :
MSVOA_Y
ClientSampleId :

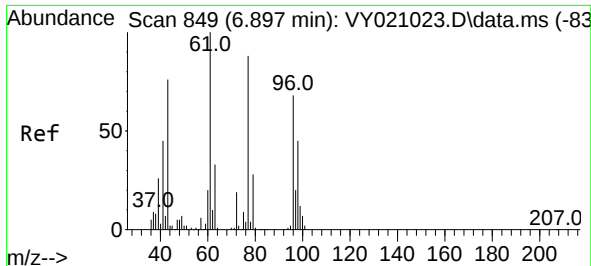
Tgt Ion: 43 Resp: 55799
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.129 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

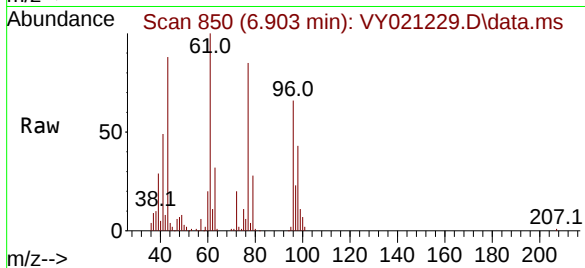
Tgt Ion: 77 Resp: 62951
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.0





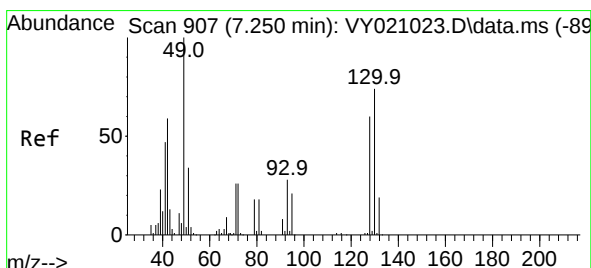
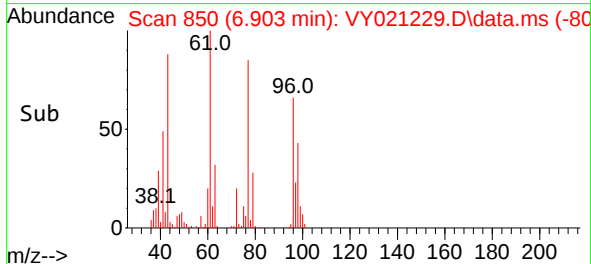
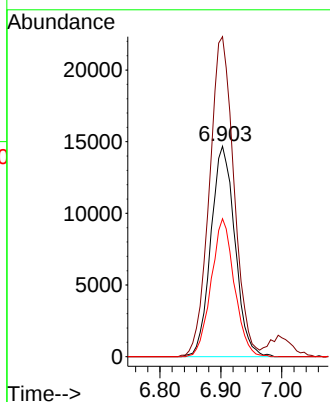
#27
 cis-1,2-Dichloroethene
 Concen: 22.022 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 40326

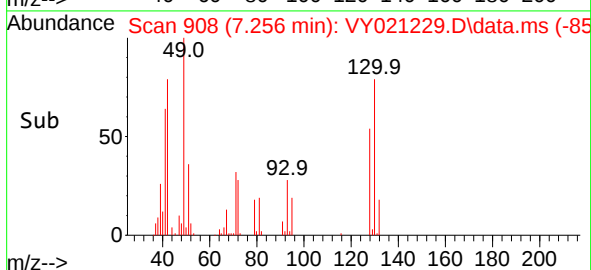
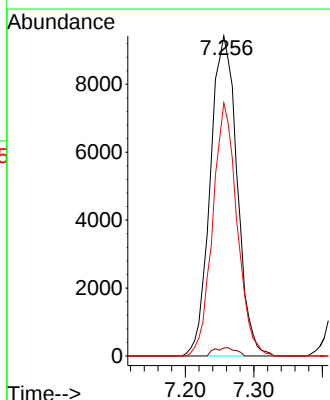
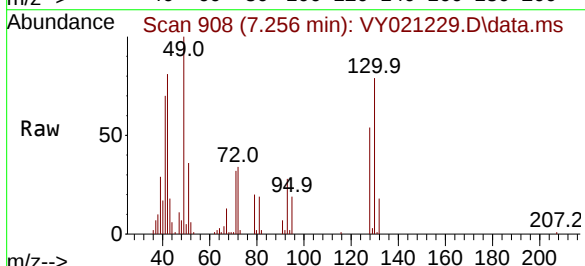
Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	278.8
98	62.9	0.0	127.0

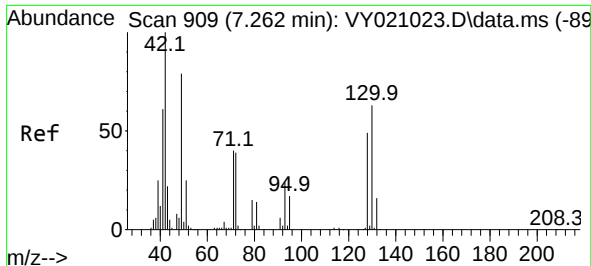


#28
 Bromochloromethane
 Concen: 21.975 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

Tgt Ion: 49 Resp: 25561

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	71.9	59.8	89.8





#29

Tetrahydrofuran

Concen: 135.352 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021229.D

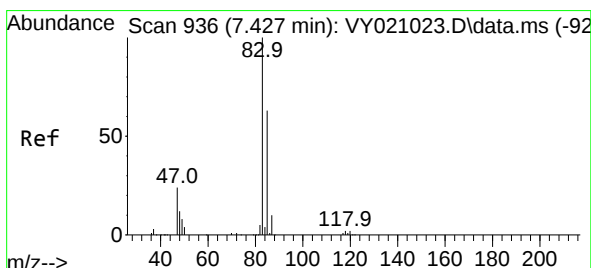
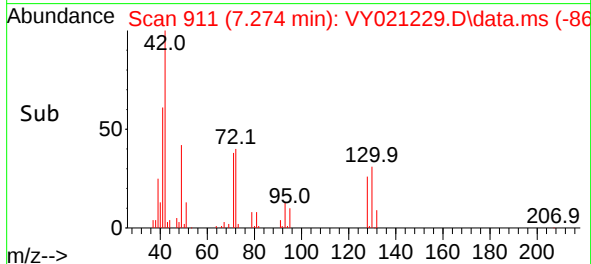
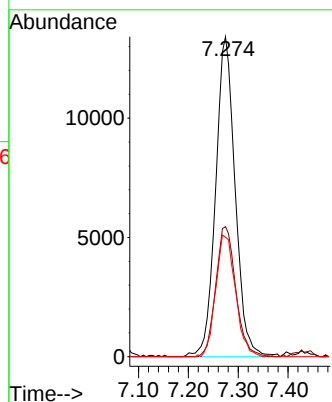
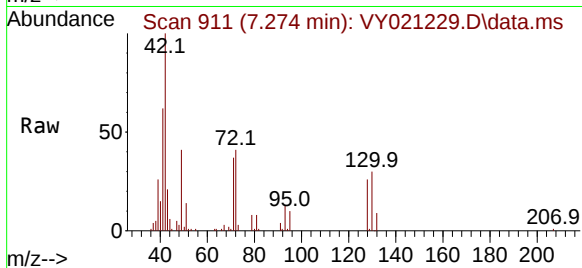
Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	36451
Ion	Ratio	Lower	Upper
42	100		
72	41.6	36.6	54.8
71	38.4	33.8	50.6



#30

Chloroform

Concen: 24.109 ug/l

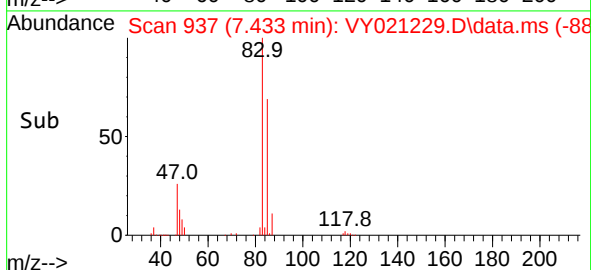
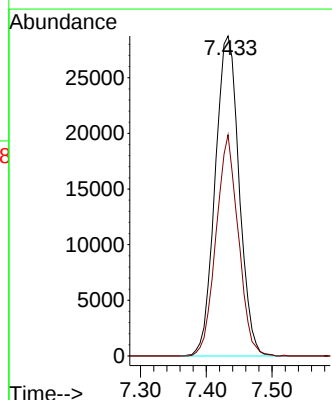
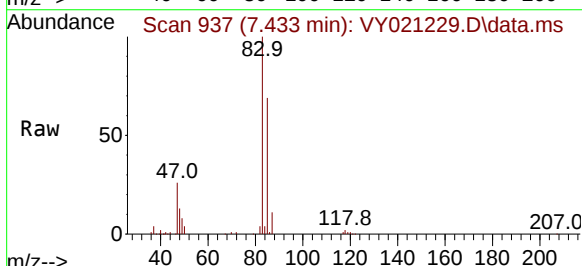
RT: 7.433 min Scan# 937

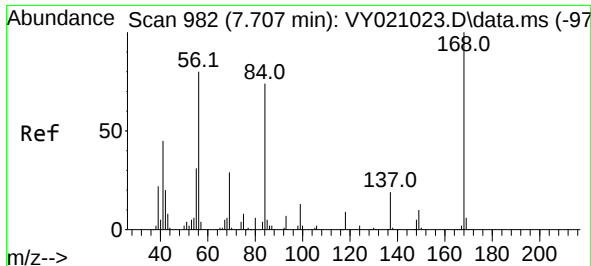
Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

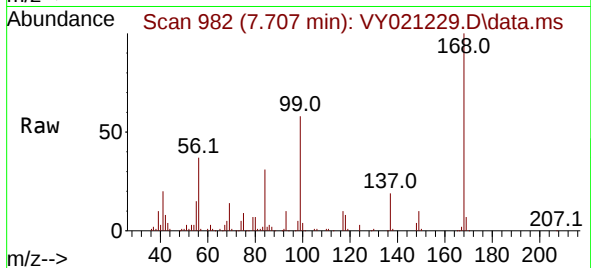
Tgt Ion:	83	Resp:	72843
Ion	Ratio	Lower	Upper
83	100		
85	69.1	51.2	76.8



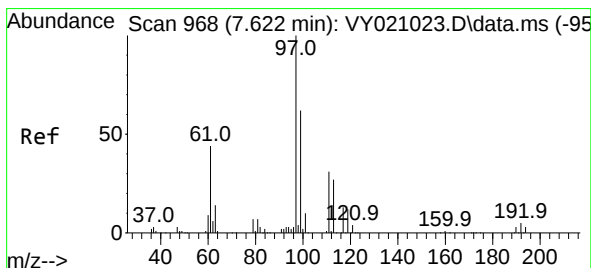
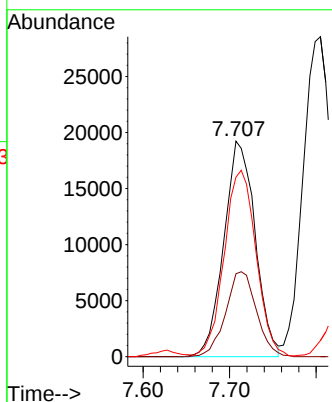
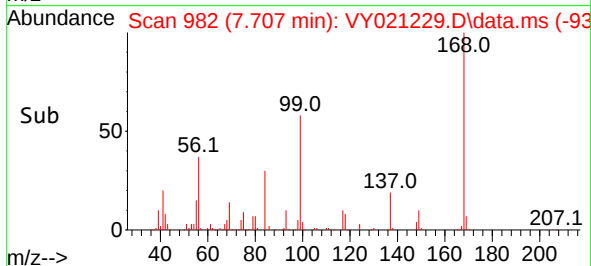


#31
Cyclohexane
Concen: 18.217 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

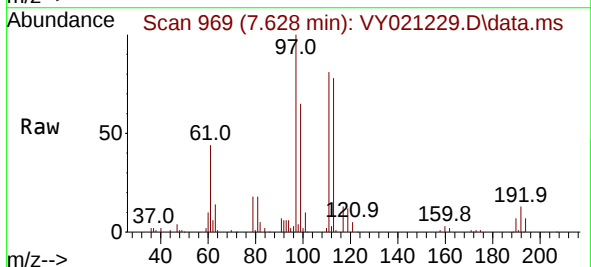
Instrument :
MSVOA_Y
ClientSampleId :



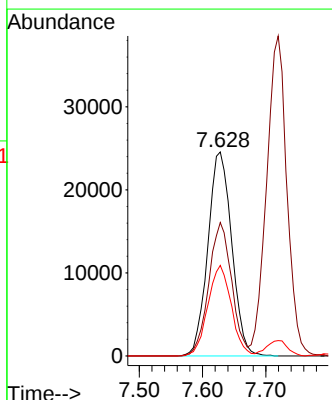
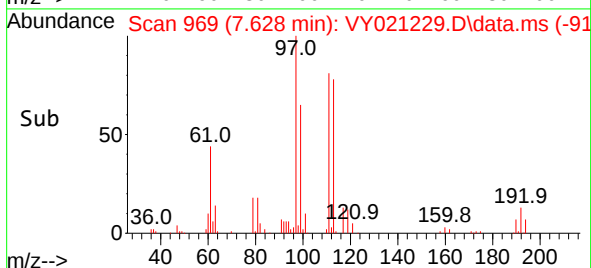
Tgt Ion:	56	Resp:	48256
Ion Ratio	Lower	Upper	
56	100		
69	38.5	27.0	40.6
84	81.9	71.8	107.6



#32
1,1,1-Trichloroethane
Concen: 22.901 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30



Tgt Ion:	97	Resp:	64332
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.2	76.8
61	43.6	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 54.350 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

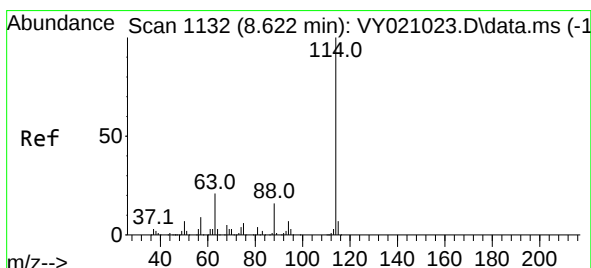
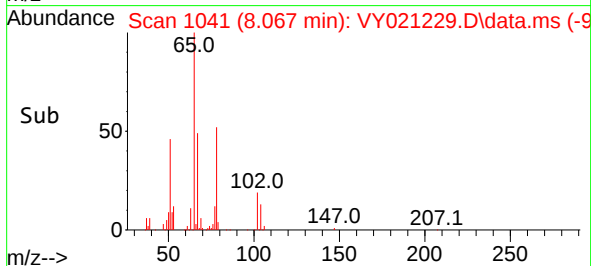
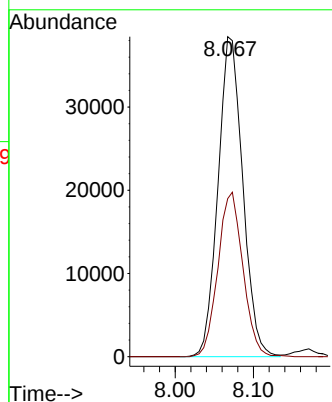
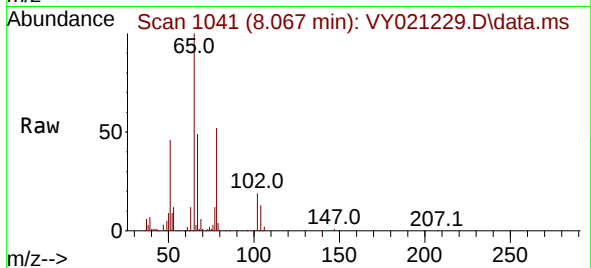
ClientSampleId :

Tgt Ion: 65 Resp: 84408

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

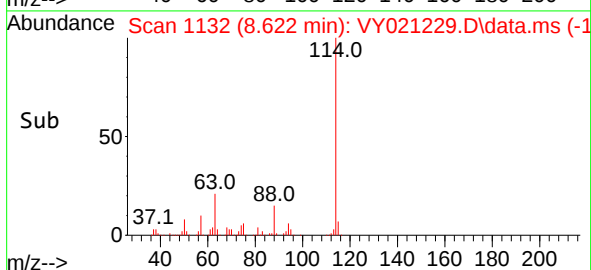
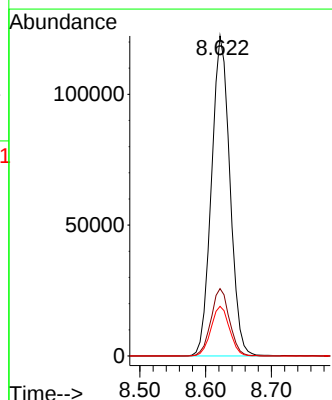
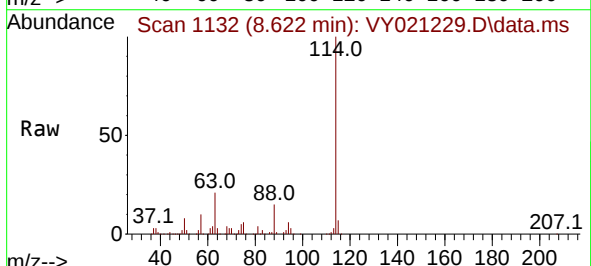
Tgt Ion:114 Resp: 238563

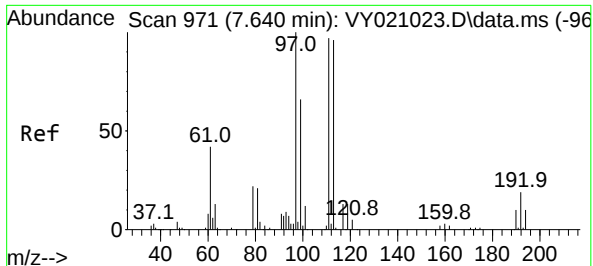
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

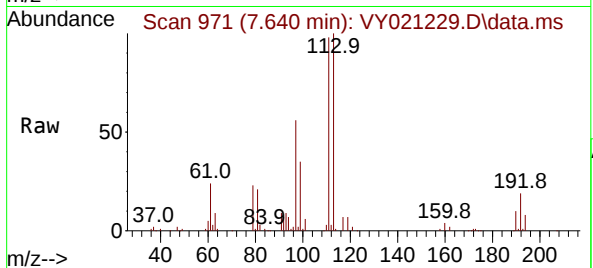
88 15.5 0.0 29.0



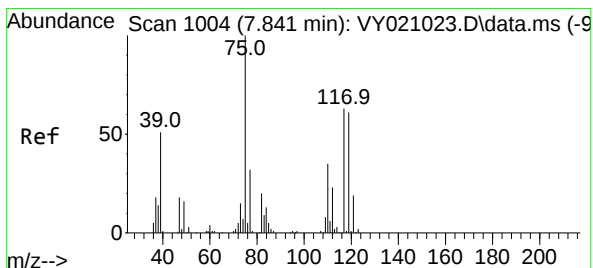
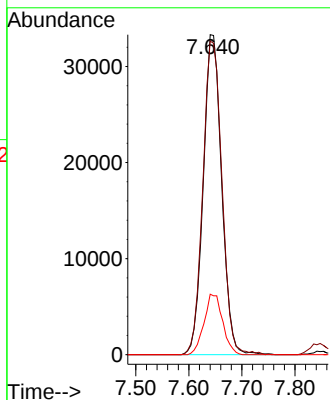
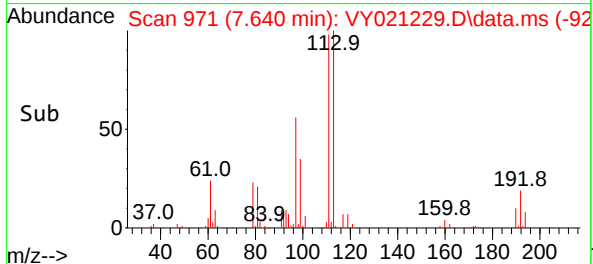


#35
Dibromofluoromethane
Concen: 52.414 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

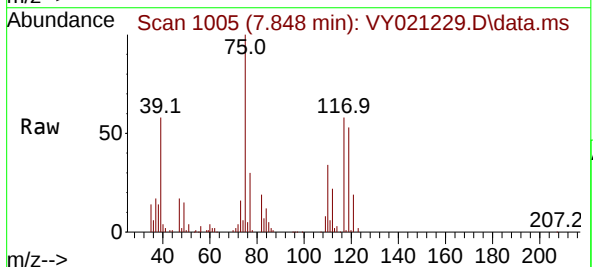
Instrument :
MSVOA_Y
ClientSampleId :



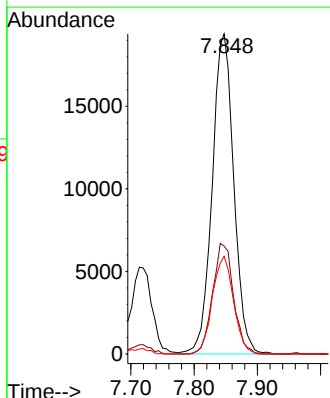
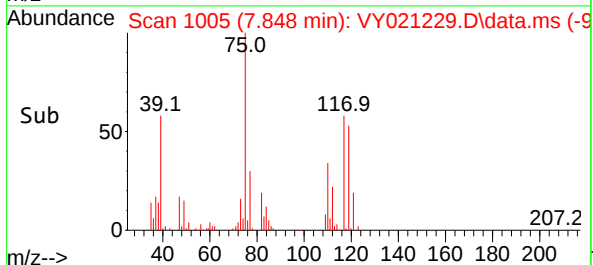
Tgt Ion:113 Resp: 80135
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.1 14.5 21.7

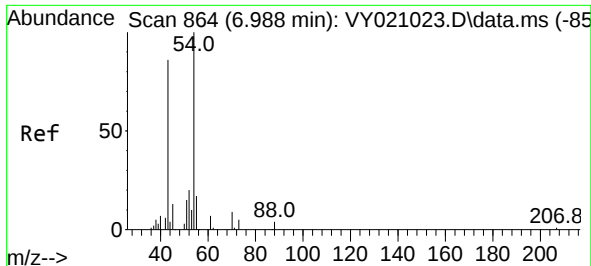


#36
1,1-Dichloropropene
Concen: 20.255 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30



Tgt Ion: 75 Resp: 45868
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 29.9 24.7 37.1





#37

Ethyl Acetate

Concen: 27.027 ug/l

RT: 6.994 min Scan# 81

Delta R.T. 0.006 min

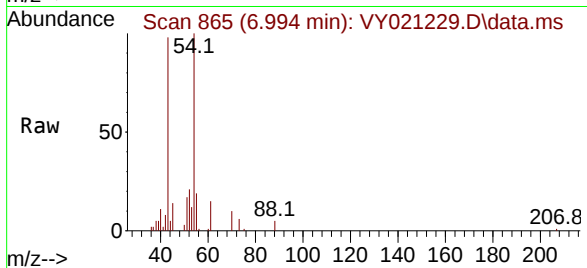
Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :



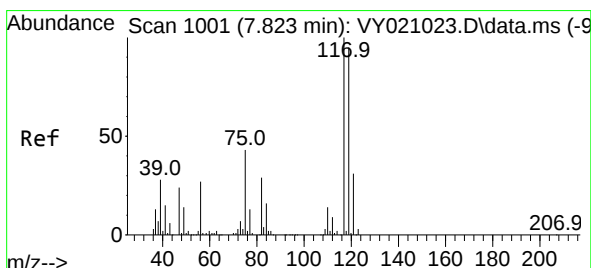
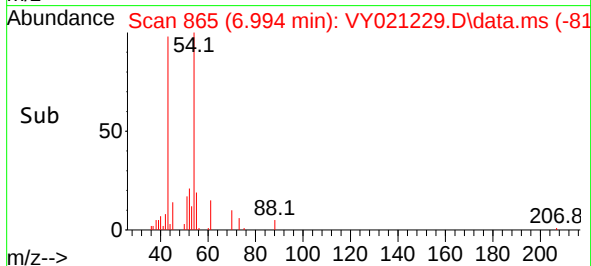
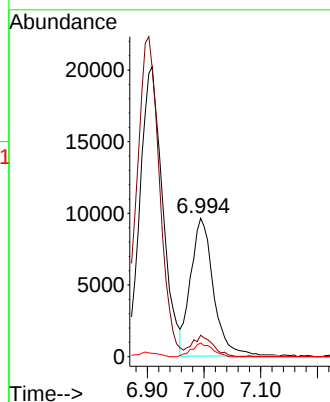
Tgt Ion: 43 Resp: 26849

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 8.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.522 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

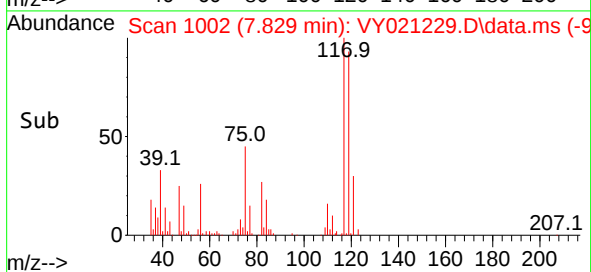
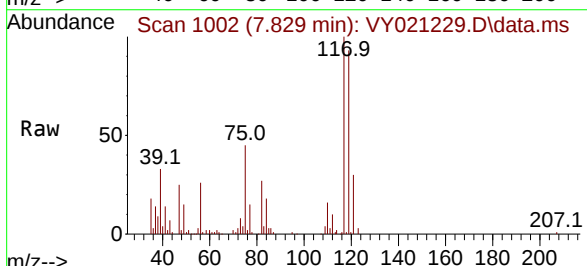
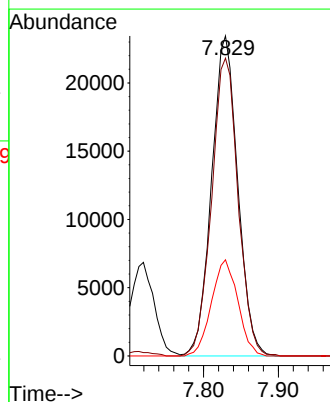
Tgt Ion: 117 Resp: 56946

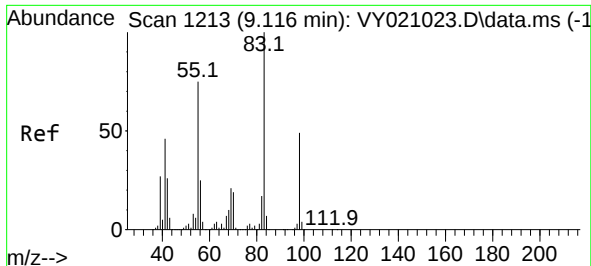
Ion Ratio Lower Upper

117 100

119 93.0 76.0 114.0

121 30.1 24.2 36.2

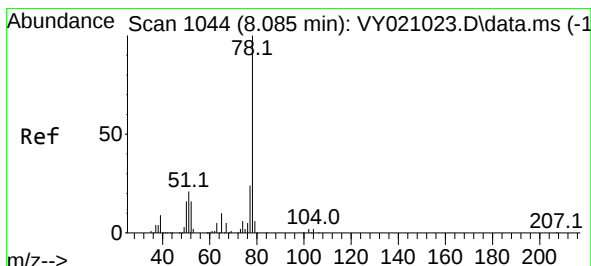
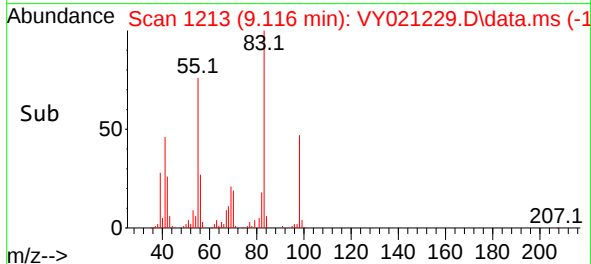
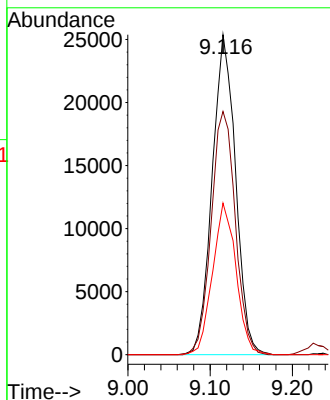
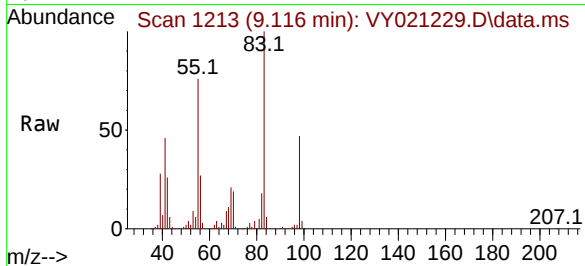




#39
Methylcyclohexane
Concen: 18.090 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

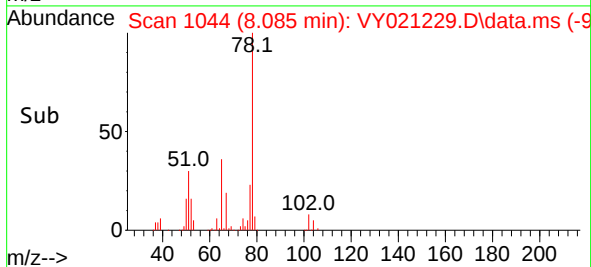
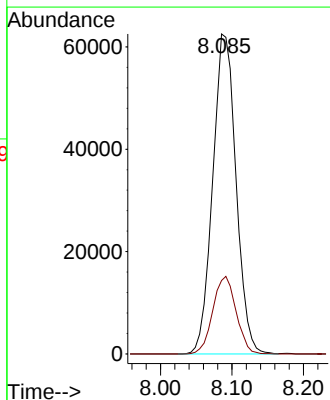
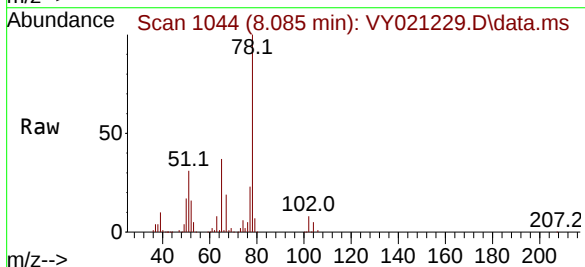
Instrument :
MSVOA_Y
ClientSampleId :

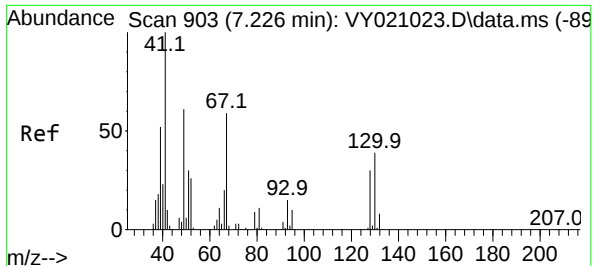
Tgt Ion: 83 Resp: 50108
Ion Ratio Lower Upper
83 100
55 76.0 59.7 89.5
98 47.4 38.0 57.0



#40
Benzene
Concen: 21.321 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

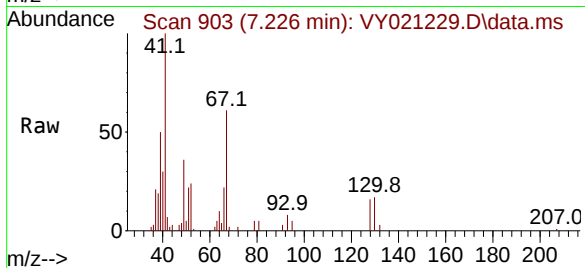
Tgt Ion: 78 Resp: 141692
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



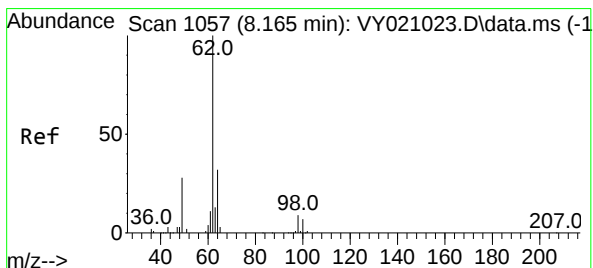
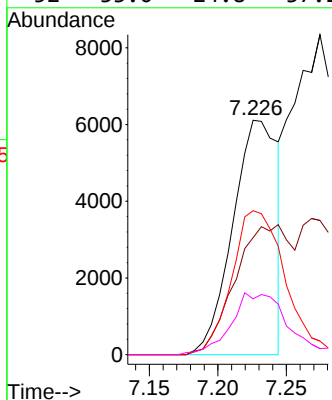
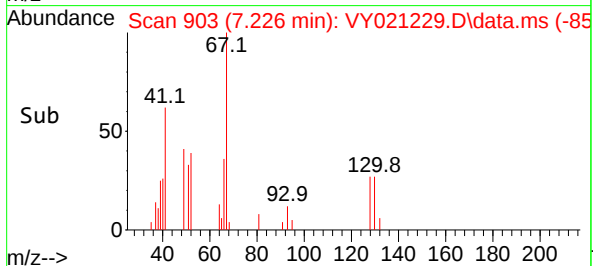


#41
Methacrylonitrile
Concen: 24.250 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

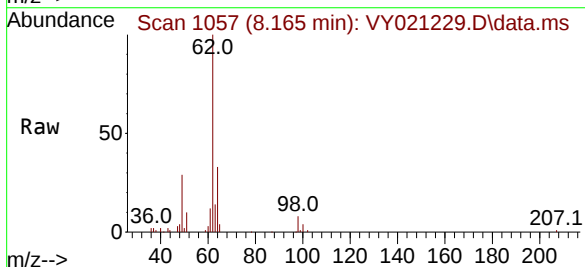
Instrument :
MSVOA_Y
ClientSampleId :



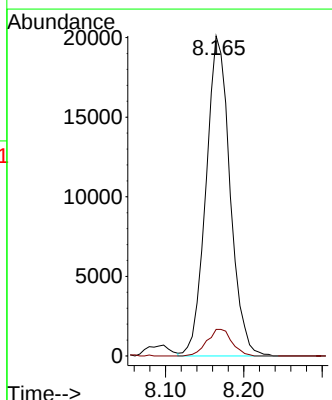
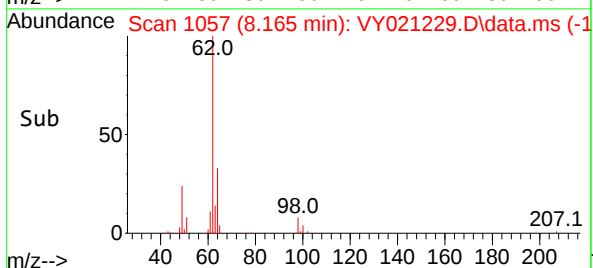
Tgt Ion: 41 Resp: 13937
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 73.7 59.8 89.6
52 33.0 24.8 37.2

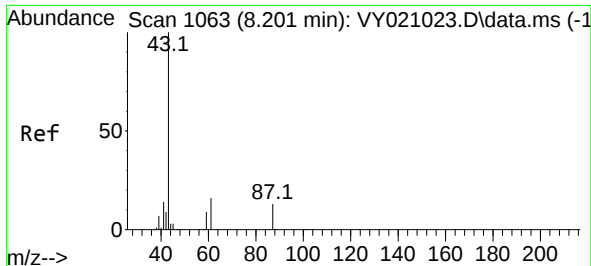


#42
1,2-Dichloroethane
Concen: 23.239 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30



Tgt Ion: 62 Resp: 42840
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2

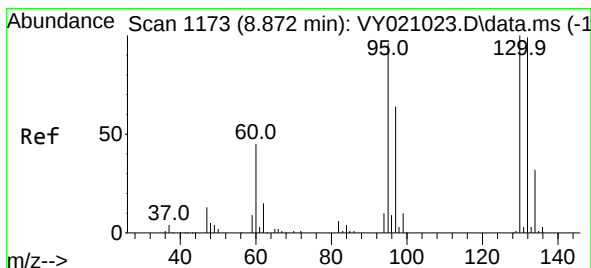
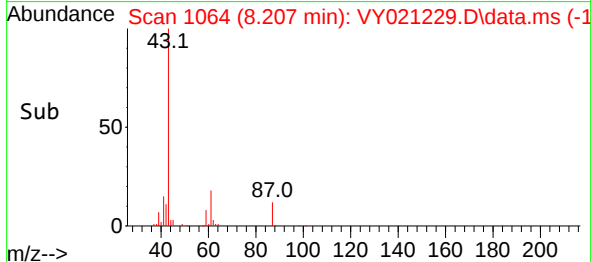
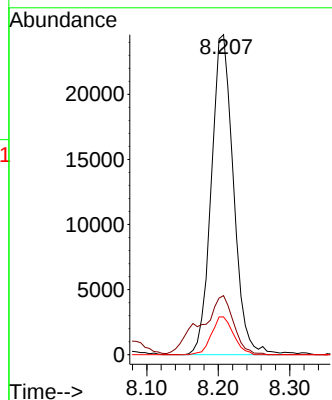
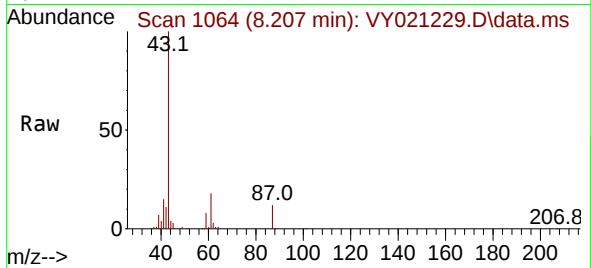




#43
Isopropyl Acetate
Concen: 26.714 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

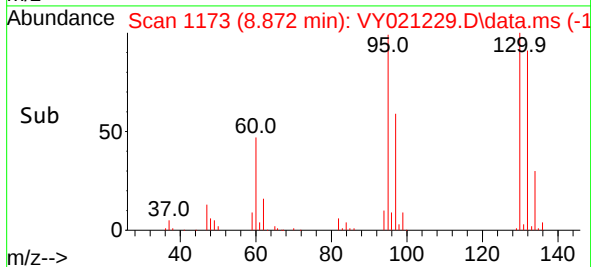
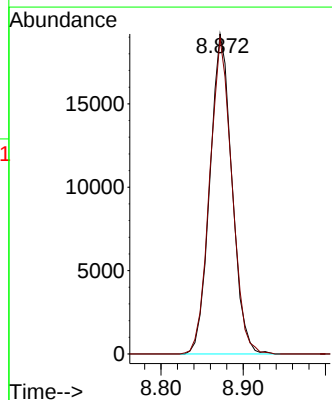
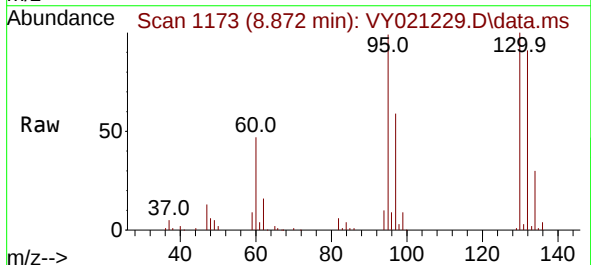
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 52733
Ion Ratio Lower Upper
43 100
61 27.6 24.8 37.2
87 11.7 10.7 16.1



#44
Trichloroethene
Concen: 20.807 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion:130 Resp: 35724
Ion Ratio Lower Upper
130 100
95 98.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 23.571 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

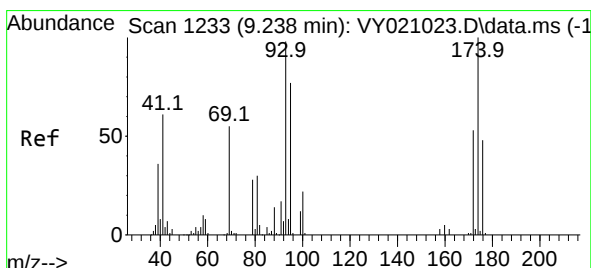
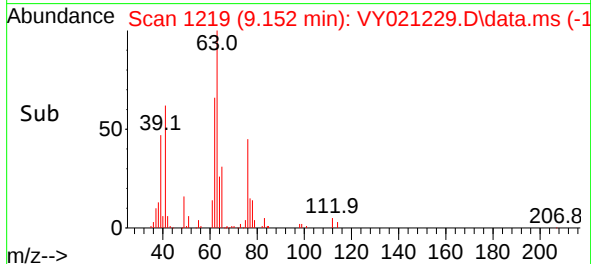
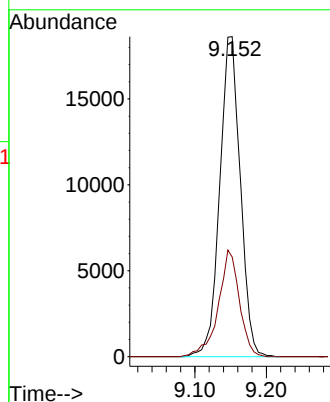
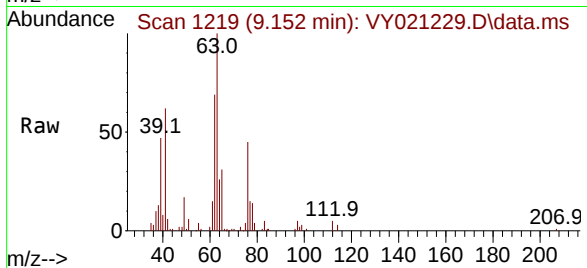
ClientSampleId :

Tgt Ion: 63 Resp: 37179

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 22.884 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

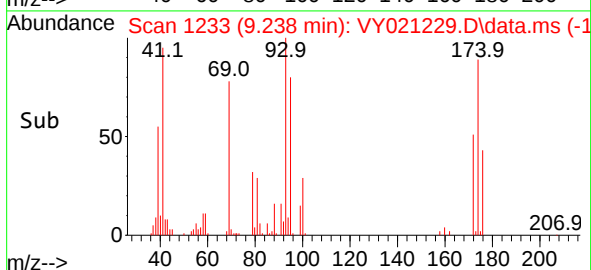
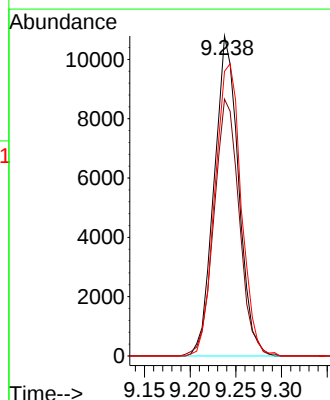
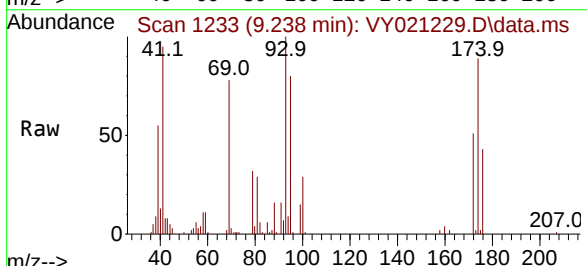
Tgt Ion: 93 Resp: 19985

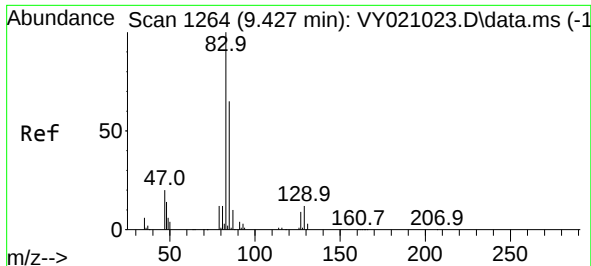
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 98.3 73.8 110.6

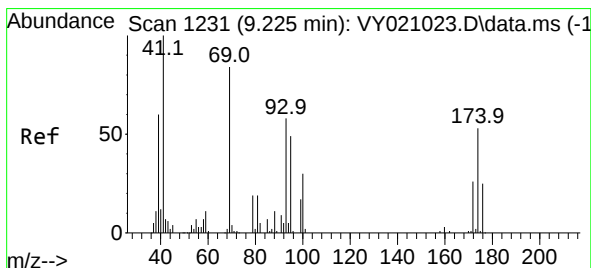
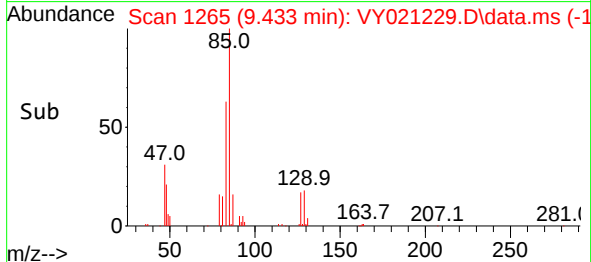
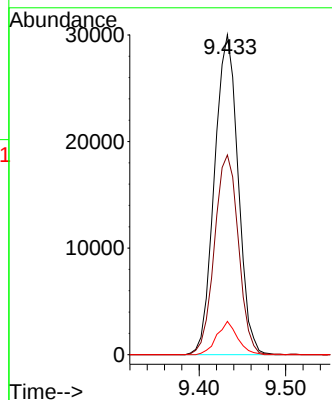
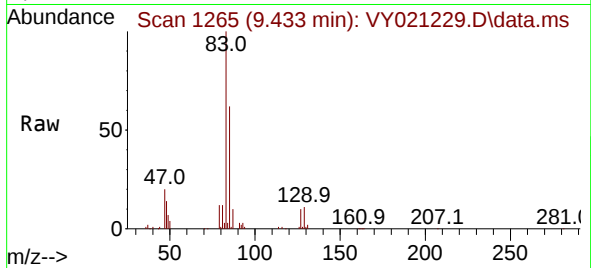




#47
 Bromodichloromethane
 Concen: 24.264 ug/l
 RT: 9.433 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

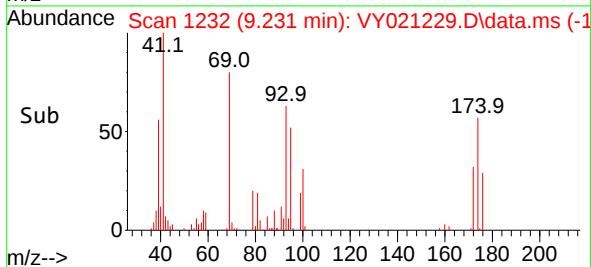
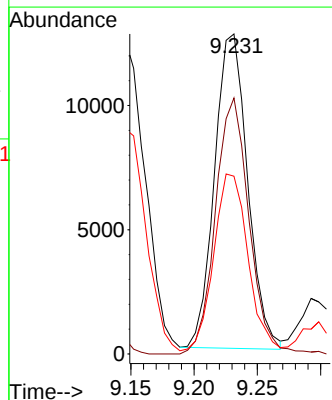
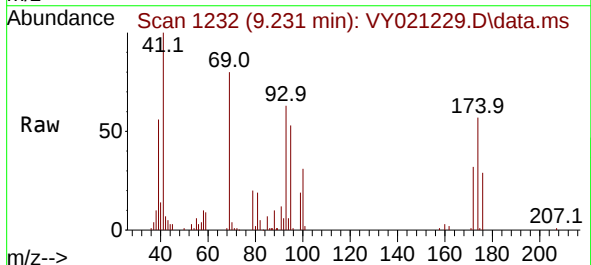
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 83 Resp: 56831
 Ion Ratio Lower Upper
 83 100
 85 62.4 53.2 79.8
 127 10.4 6.4 9.6#



#48
 Methyl methacrylate
 Concen: 25.607 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.006 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

Tgt Ion: 41 Resp: 23025
 Ion Ratio Lower Upper
 41 100
 69 83.0 72.1 108.1
 39 59.7 42.8 64.2





#49

1,4-Dioxane

Concen: 551.163 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

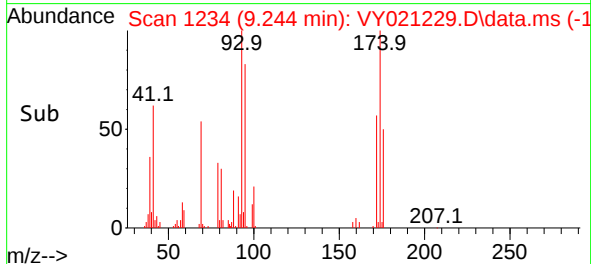
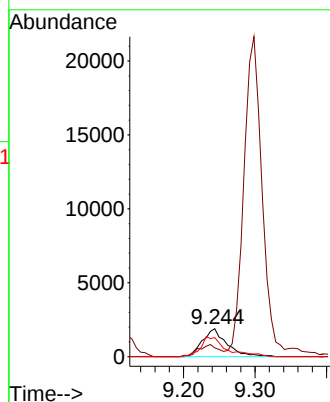
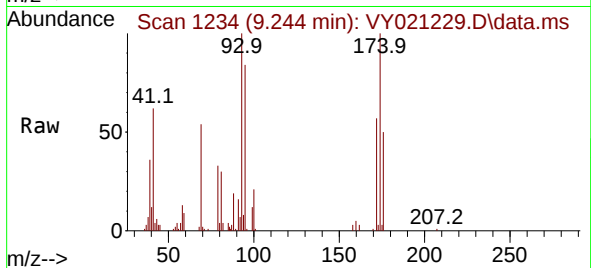
Tgt Ion: 88 Resp: 4481

Ion Ratio Lower Upper

88 100

43 35.7 28.2 42.4

58 74.9 52.2 78.2



#50

Toluene-d8

Concen: 50.641 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021229.D

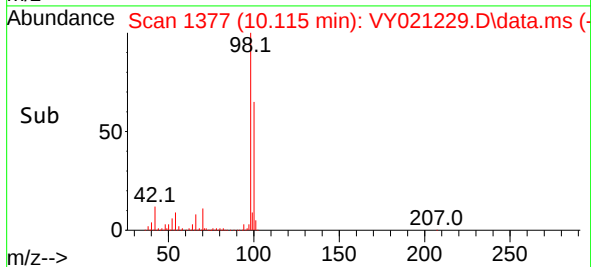
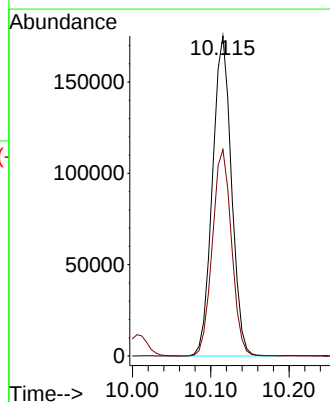
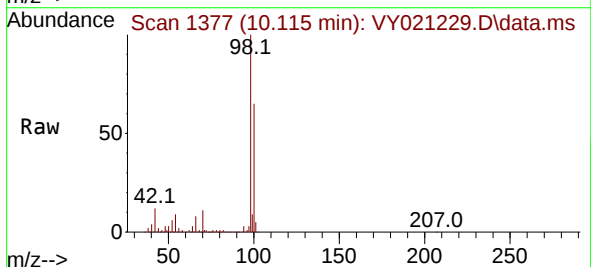
Acq: 18 Feb 2025 13:30

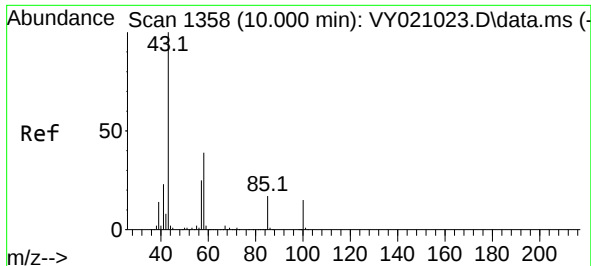
Tgt Ion: 98 Resp: 294758

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

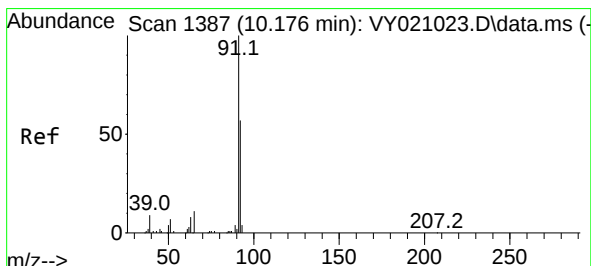
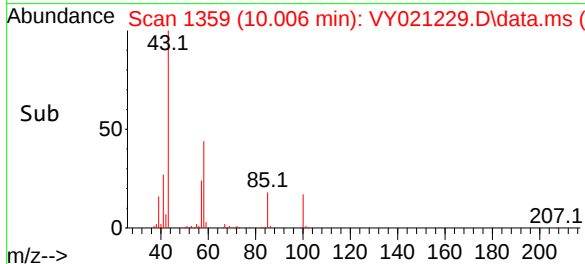
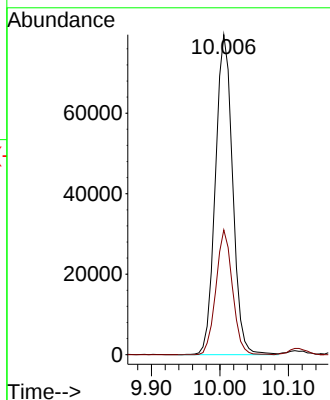
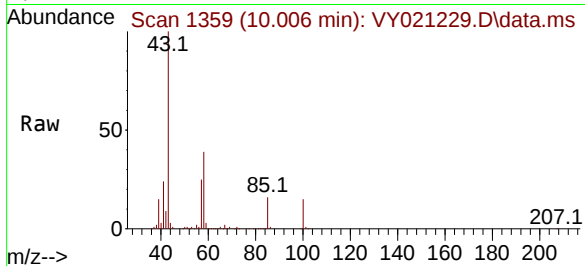




#51
4-Methyl-2-Pentanone
Concen: 139.506 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

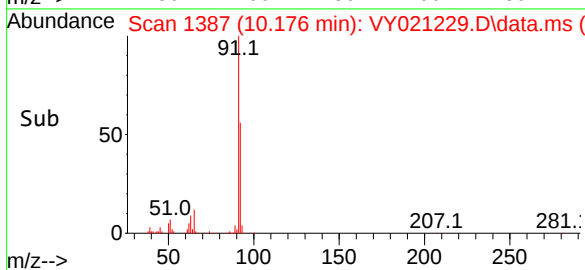
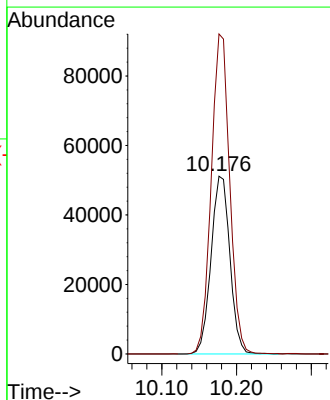
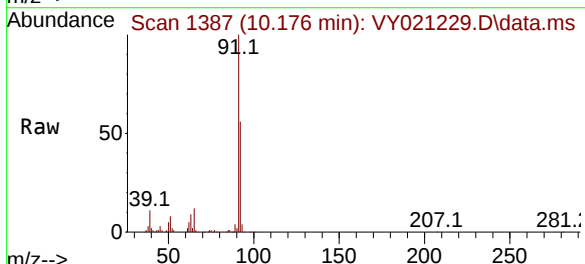
Instrument :
MSVOA_Y
ClientSampleId :

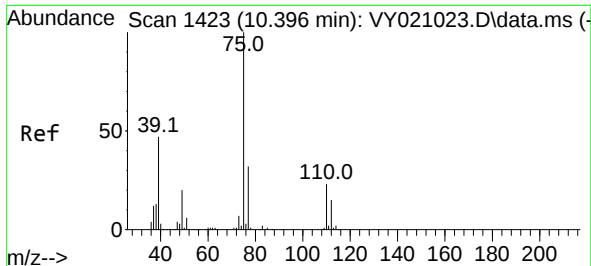
Tgt Ion: 43 Resp: 138479
Ion Ratio Lower Upper
43 100
58 37.3 32.2 48.2



#52
Toluene
Concen: 21.499 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 92 Resp: 89711
Ion Ratio Lower Upper
92 100
91 176.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 24.355 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

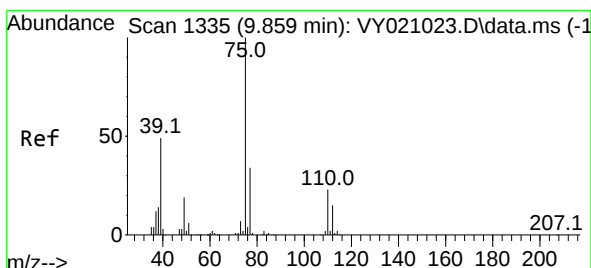
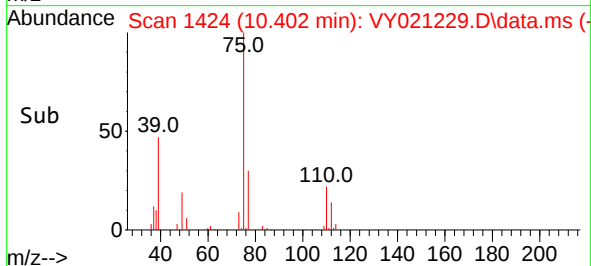
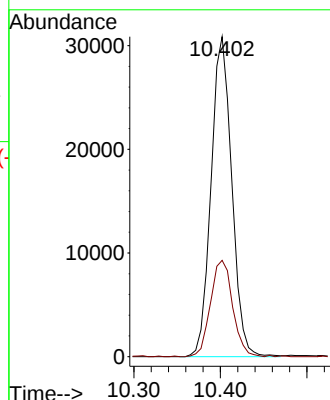
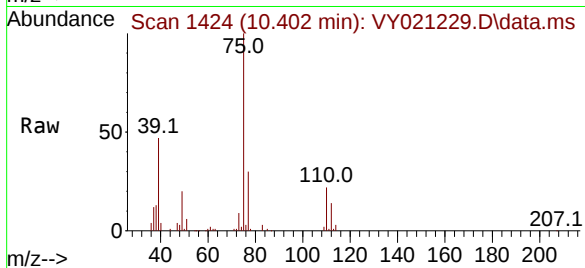
ClientSampleId :

Tgt Ion: 75 Resp: 51222

Ion Ratio Lower Upper

75 100

77 30.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 23.419 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

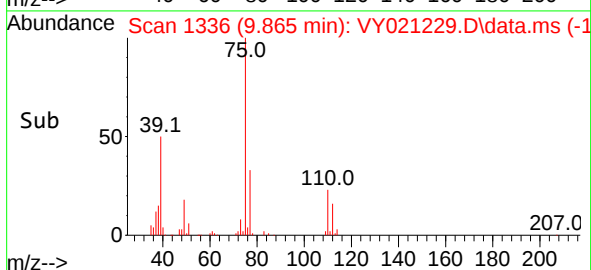
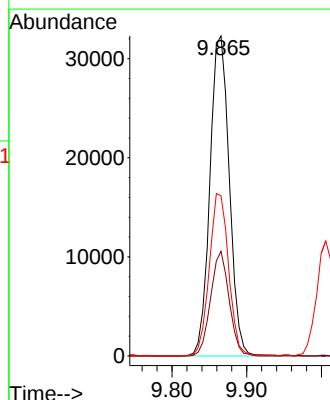
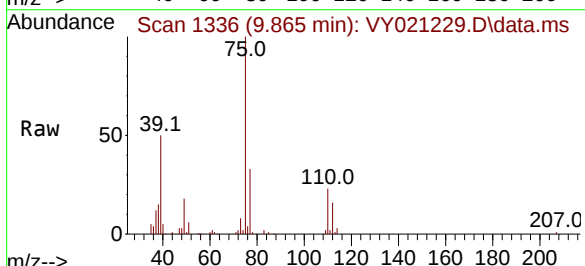
Tgt Ion: 75 Resp: 58317

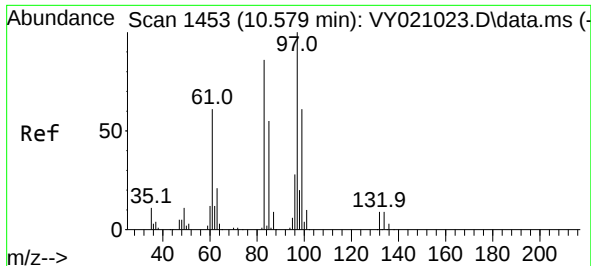
Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

39 50.1 33.6 50.4

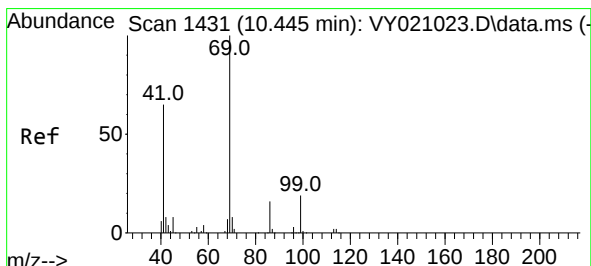
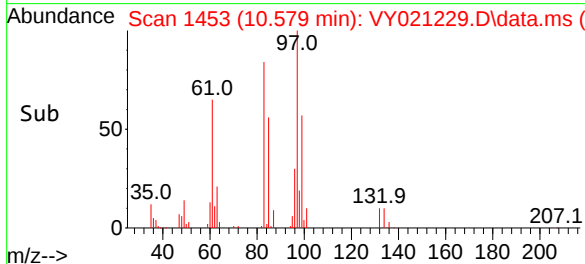
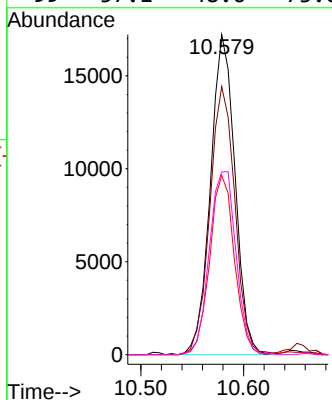
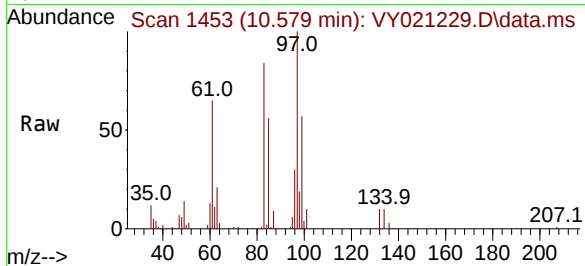




#55
1,1,2-Trichloroethane
Concen: 25.198 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

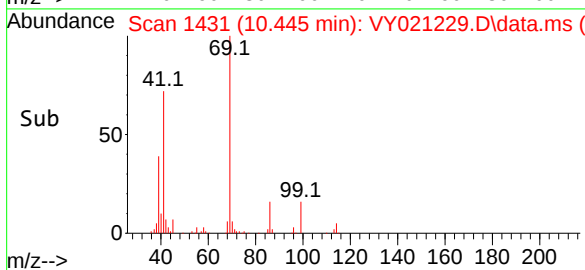
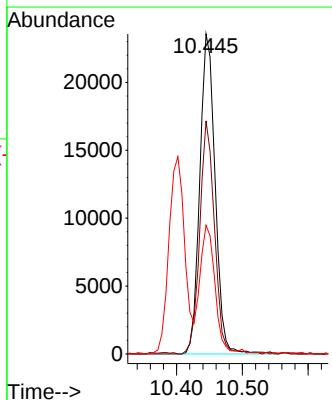
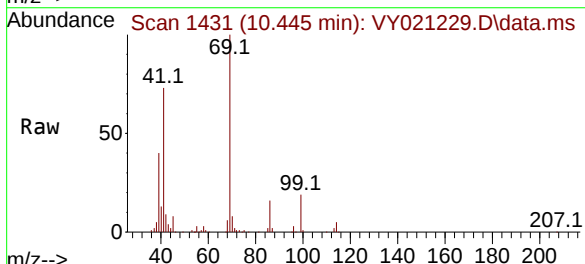
Instrument :
MSVOA_Y
ClientSampleId :

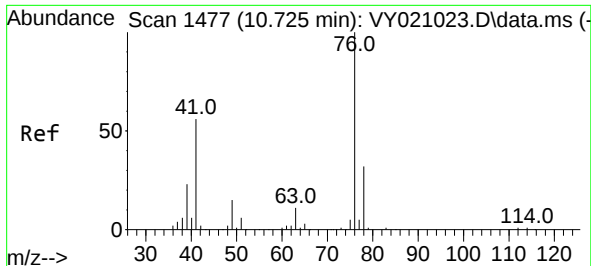
Tgt Ion: 97	Resp: 28497
Ion Ratio	Lower Upper
97 100	
83 83.8	69.4 104.2
85 56.1	43.9 65.9
99 57.1	48.6 73.0



#56
Ethyl methacrylate
Concen: 25.294 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 69	Resp: 38267
Ion Ratio	Lower Upper
69 100	
41 70.4	49.2 73.8
39 38.4	26.8 40.2





#57

1,3-Dichloropropane

Concen: 24.635 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

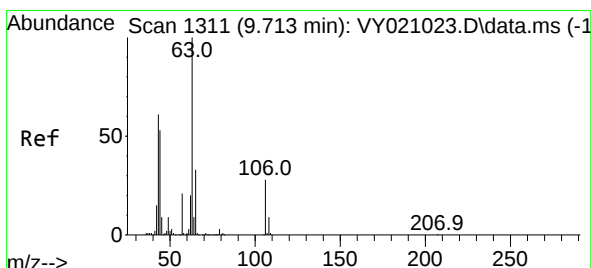
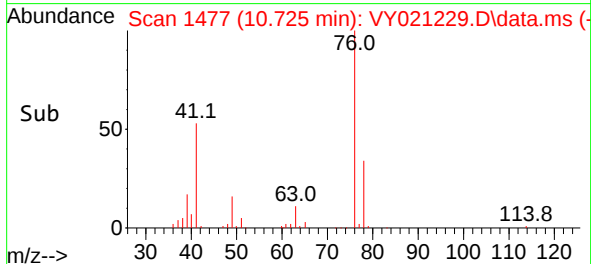
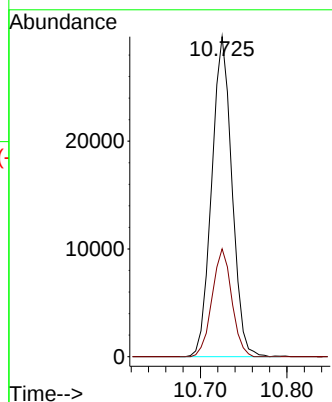
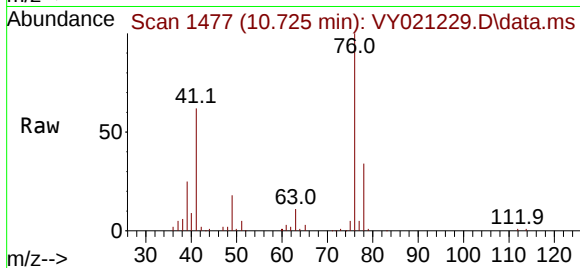
ClientSampleId :

Tgt Ion: 76 Resp: 48223

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 115.598 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021229.D

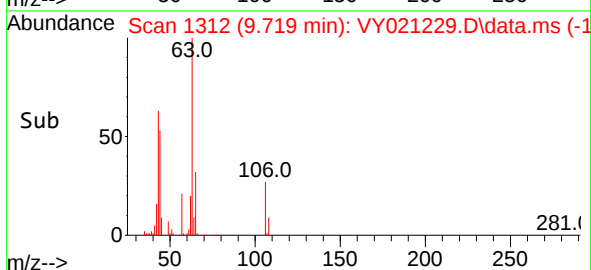
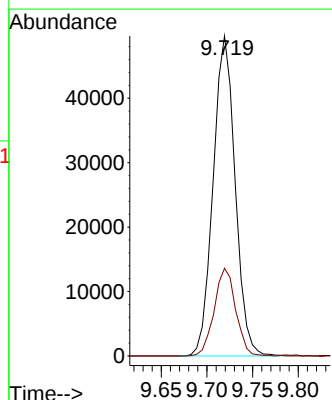
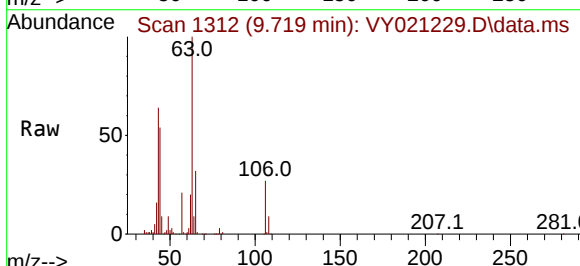
Acq: 18 Feb 2025 13:30

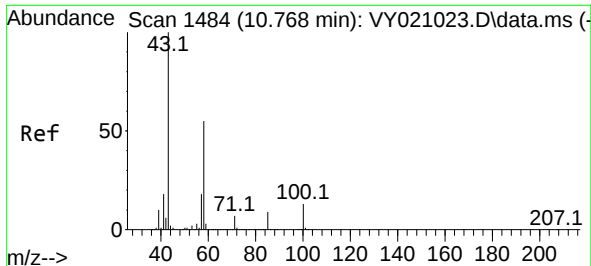
Tgt Ion: 63 Resp: 83203

Ion Ratio Lower Upper

63 100

106 26.7 22.4 33.6

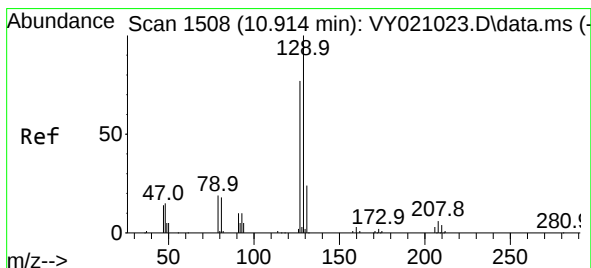
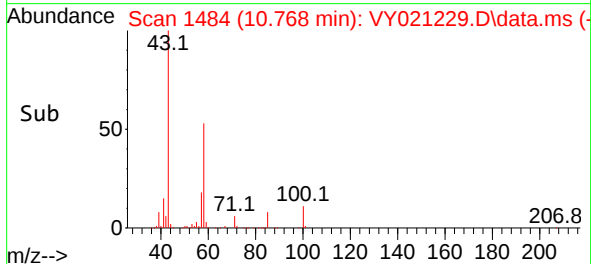
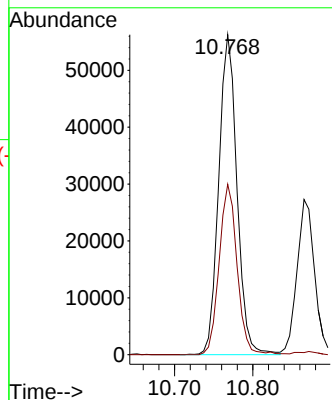
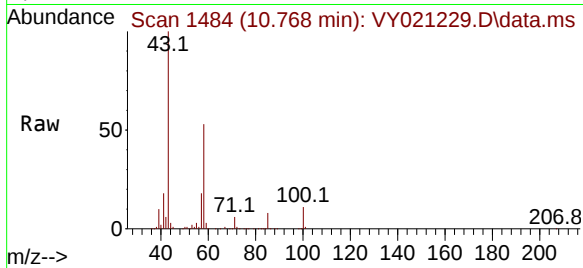




#59
2-Hexanone
Concen: 142.647 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

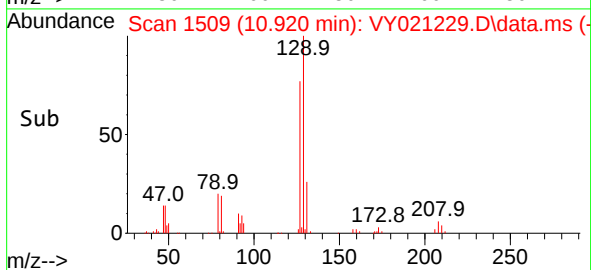
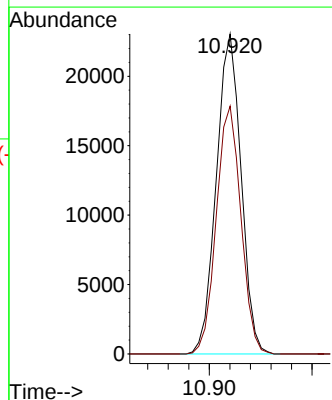
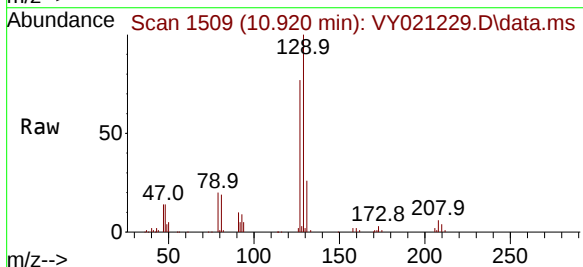
Instrument :
MSVOA_Y
ClientSampleId :

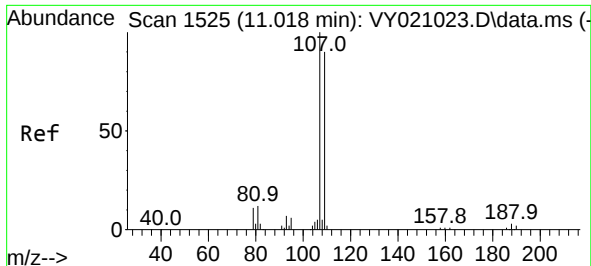
Tgt Ion: 43 Resp: 91169
Ion Ratio Lower Upper
43 100
58 52.2 28.1 84.3



#60
Dibromochloromethane
Concen: 24.259 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 129 Resp: 38528
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

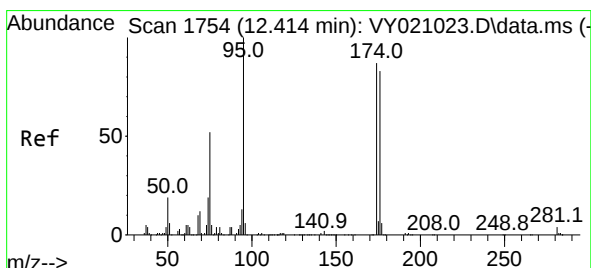
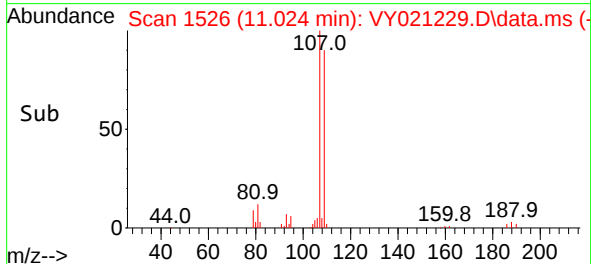
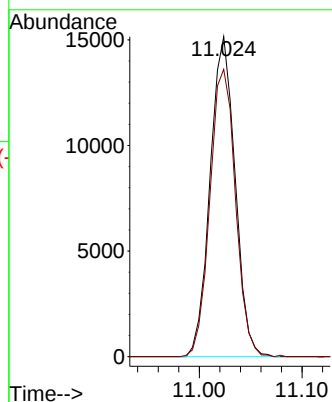
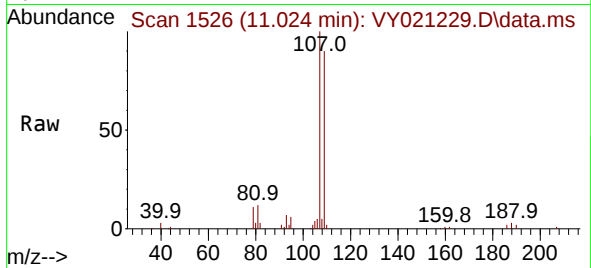




#61
1,2-Dibromoethane
Concen: 24.095 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

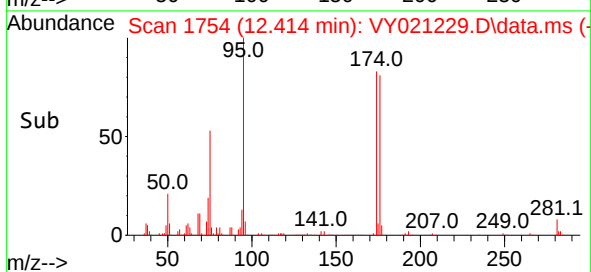
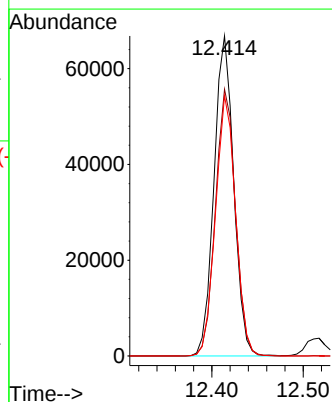
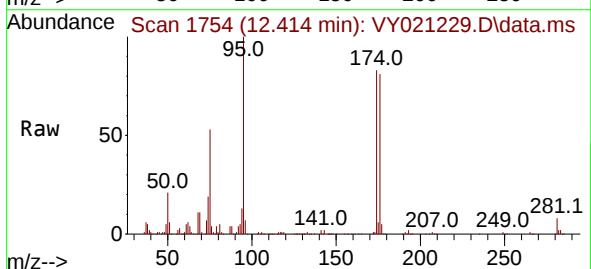
Instrument :
MSVOA_Y
ClientSampleId :

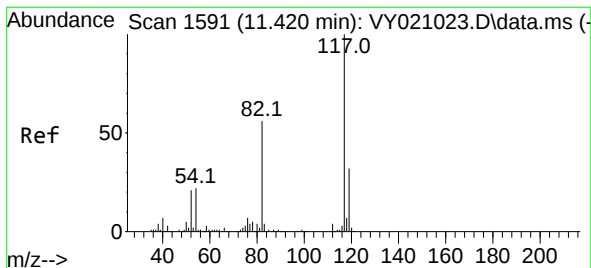
Tgt Ion:107 Resp: 25524
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.601 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 95 Resp: 100023
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 82.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

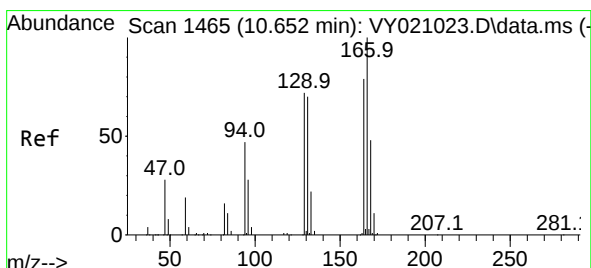
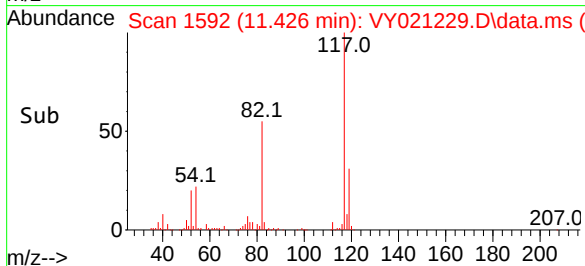
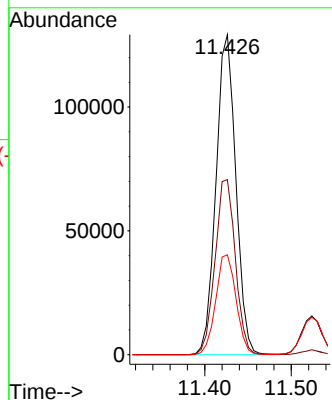
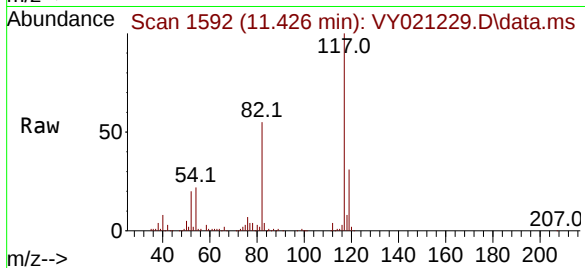
Tgt Ion:117 Resp: 205533

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 31.2 26.5 39.7



#64

Tetrachloroethene

Concen: 20.352 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Tgt Ion:164 Resp: 31052

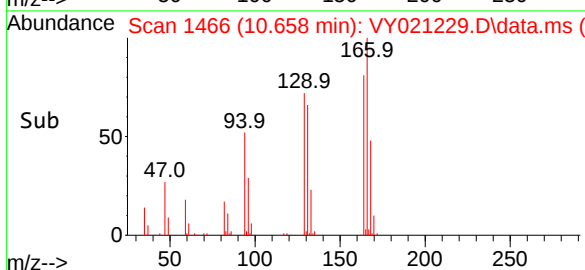
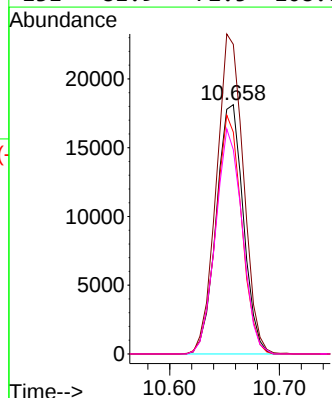
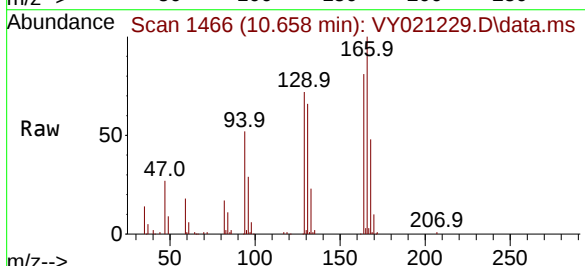
Ion Ratio Lower Upper

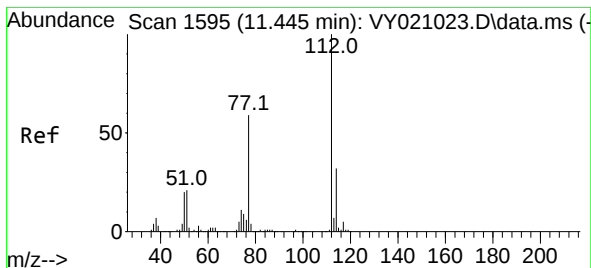
164 100

166 124.2 98.8 148.2

129 89.0 78.9 118.3

131 81.9 72.5 108.7





#65

Chlorobenzene

Concen: 22.409 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

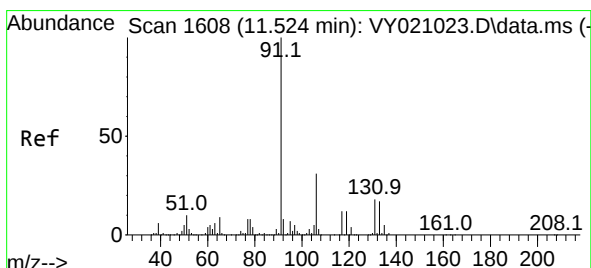
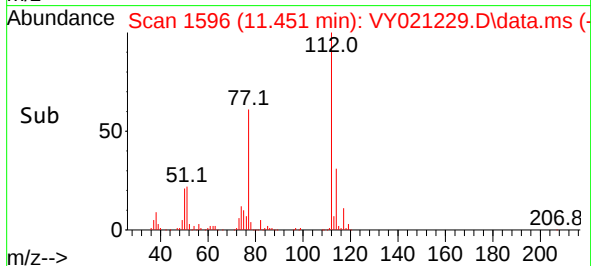
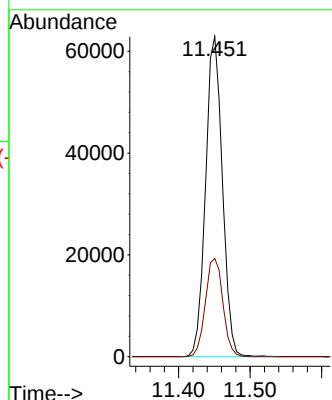
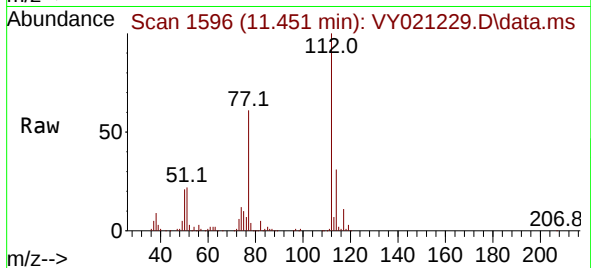
ClientSampleId :

Tgt Ion:112 Resp: 102556

Ion Ratio Lower Upper

112 100

114 30.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 24.560 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

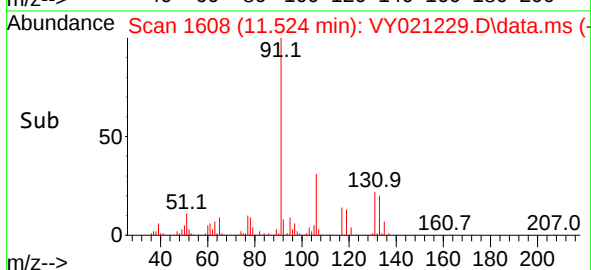
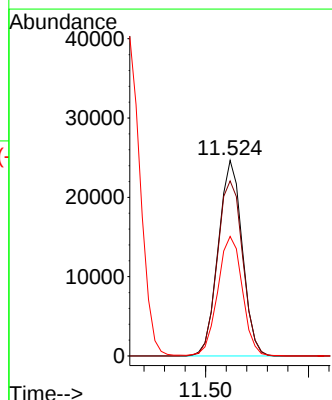
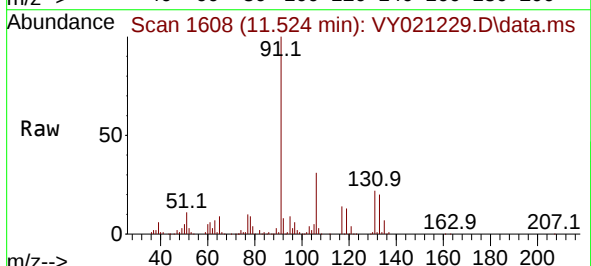
Tgt Ion:131 Resp: 39944

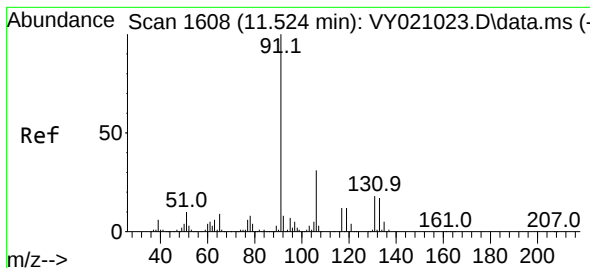
Ion Ratio Lower Upper

131 100

133 94.7 47.0 141.0

119 62.8 33.3 99.9





#67

Ethyl Benzene

Concen: 22.185 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

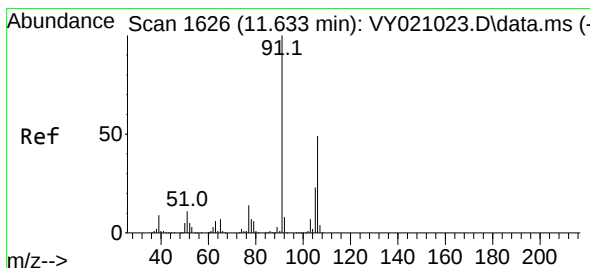
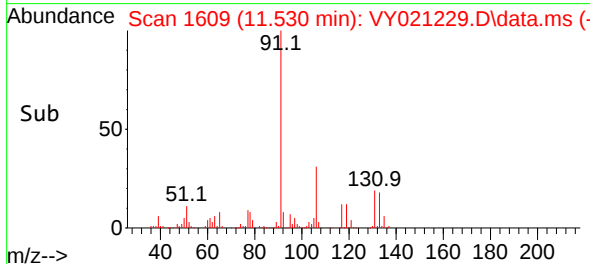
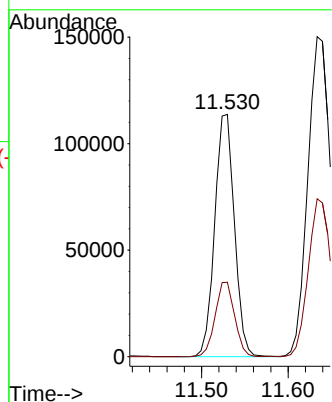
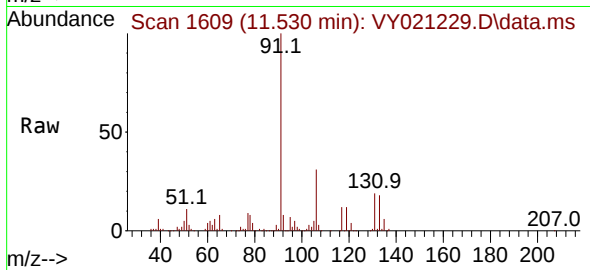
ClientSampleId :

Tgt Ion: 91 Resp: 179578

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 44.442 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021229.D

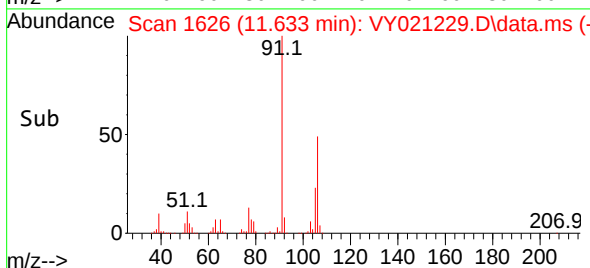
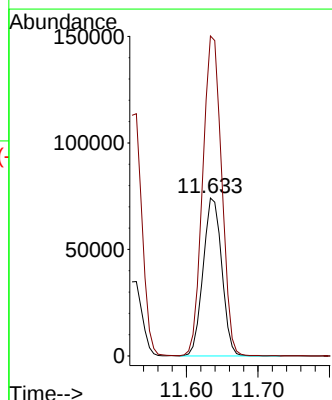
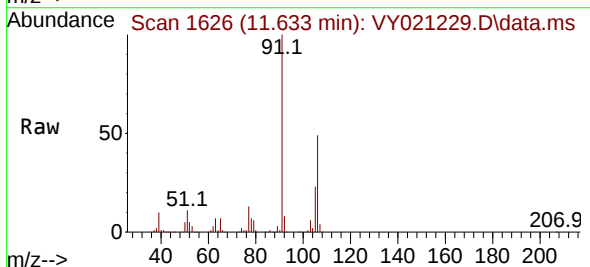
Acq: 18 Feb 2025 13:30

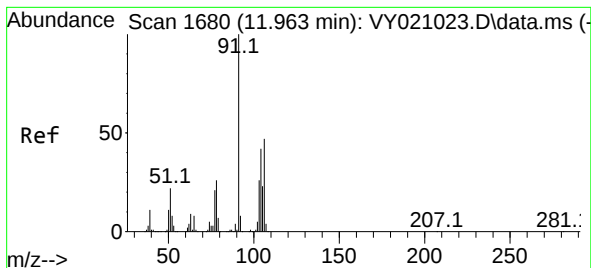
Tgt Ion:106 Resp: 134579

Ion Ratio Lower Upper

106 100

91 205.5 160.7 241.1

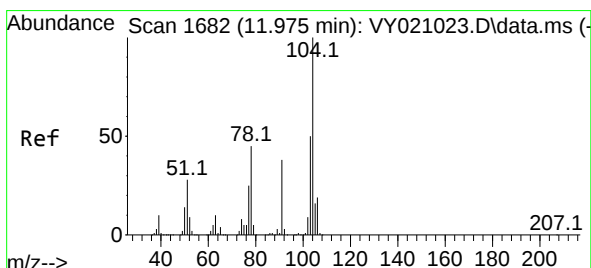
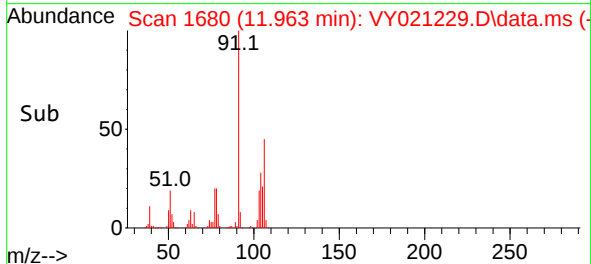
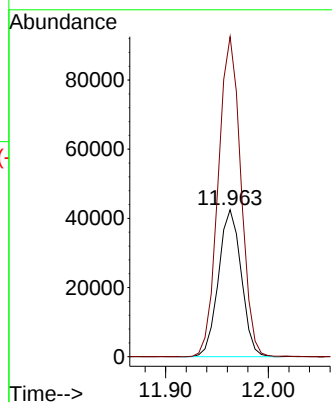
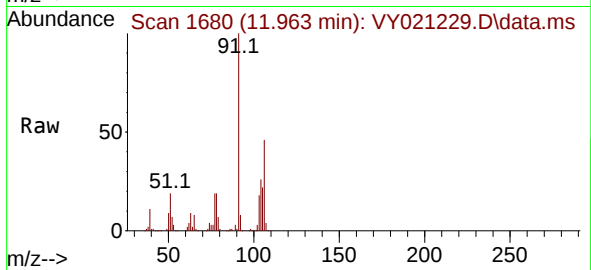




#69
o-Xylene
Concen: 23.144 ug/l
RT: 11.963 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

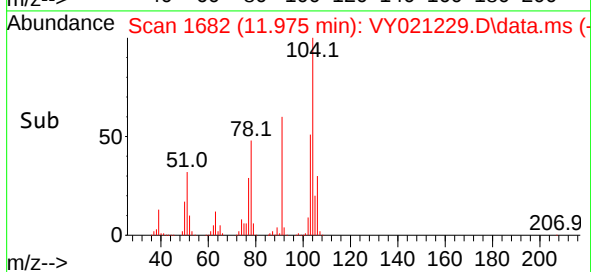
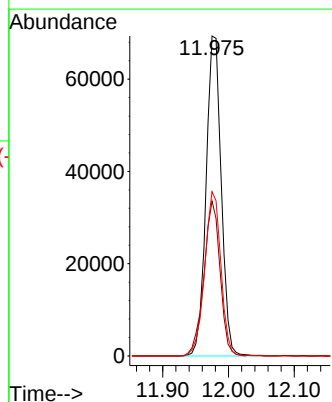
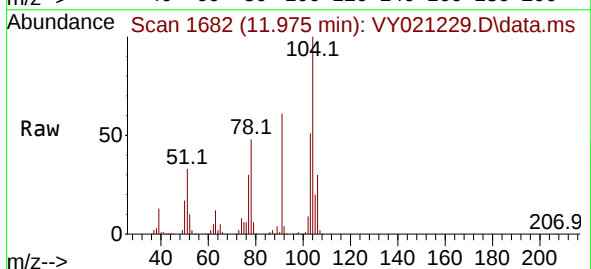
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 65342
Ion Ratio Lower Upper
106 100
91 216.7 106.5 319.5



#70
Styrene
Concen: 23.625 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion:104 Resp: 111168
Ion Ratio Lower Upper
104 100
78 51.6 39.2 58.8
103 54.8 43.8 65.6





#71

Bromoform

Concen: 25.210 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021229.D

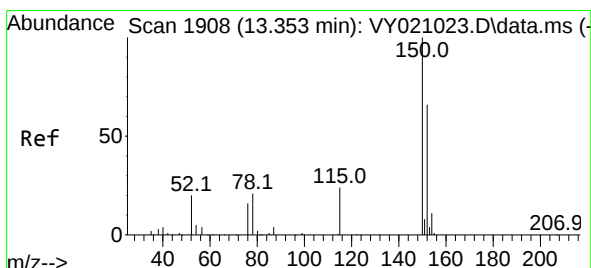
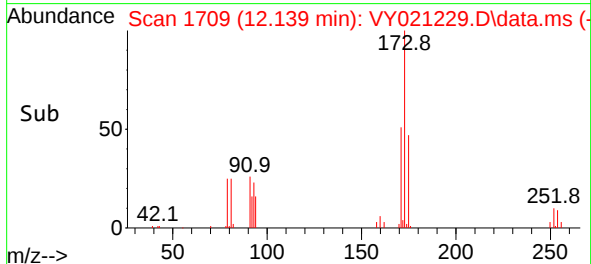
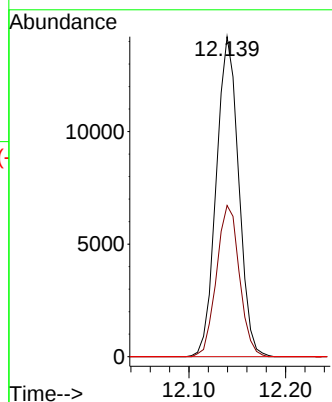
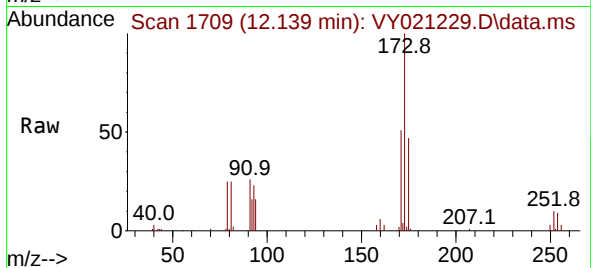
Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	22822
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

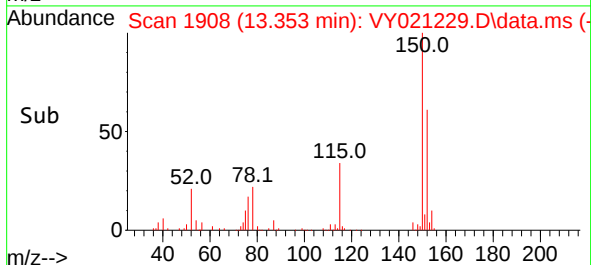
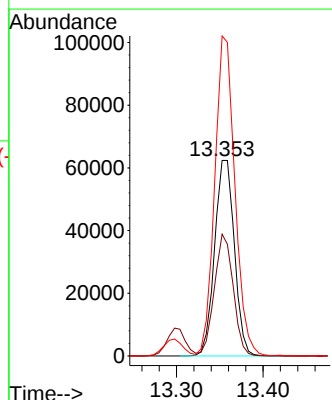
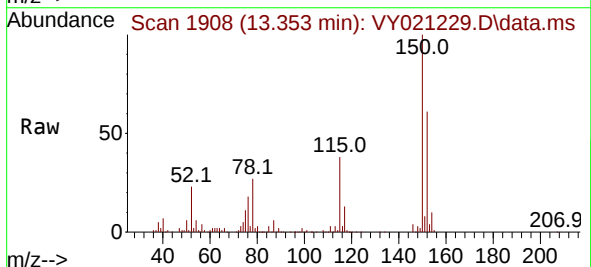
RT: 13.353 min Scan# 1908

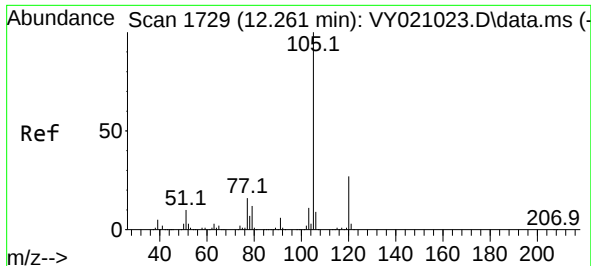
Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Tgt Ion:152	Resp:	98978
Ion Ratio	Lower	Upper
152	100	
115	59.4	30.0 90.0
150	166.8	0.0 344.6

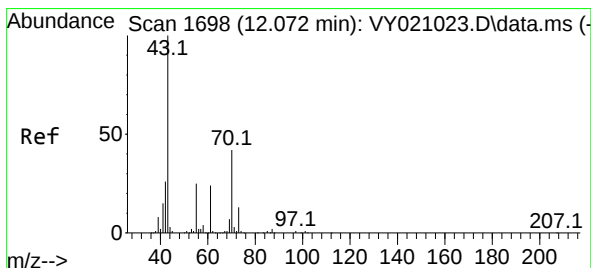
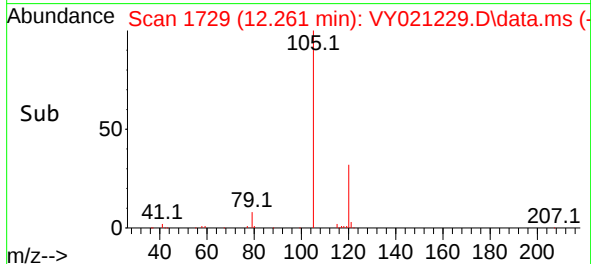
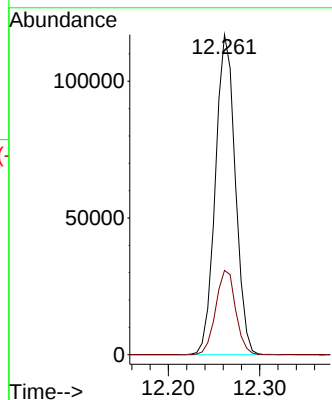
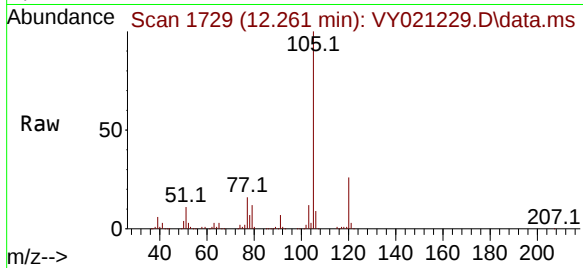




#73
Isopropylbenzene
Concen: 22.873 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

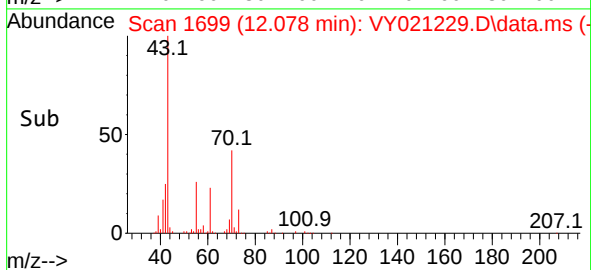
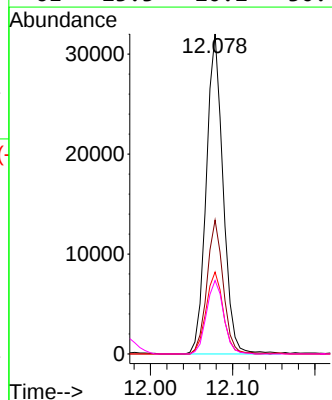
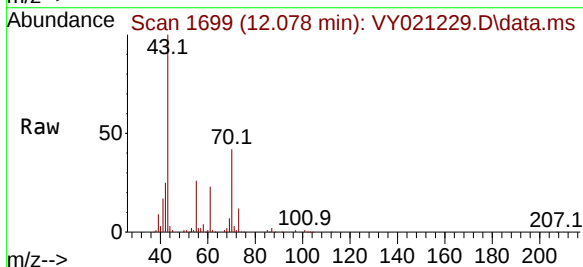
Instrument :
MSVOA_Y
ClientSampleId :

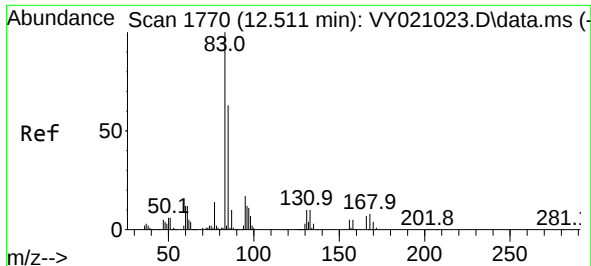
Tgt Ion:105 Resp: 176842
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 26.934 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 43 Resp: 45527
Ion Ratio Lower Upper
43 100
70 40.4 36.6 55.0
55 26.1 22.2 33.4
61 23.3 20.2 30.4

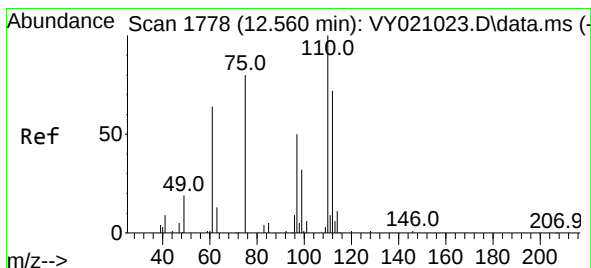
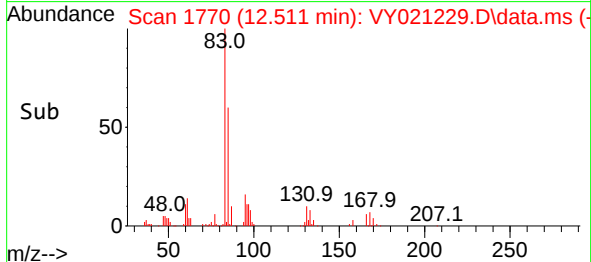
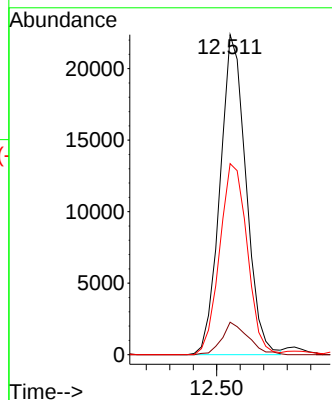
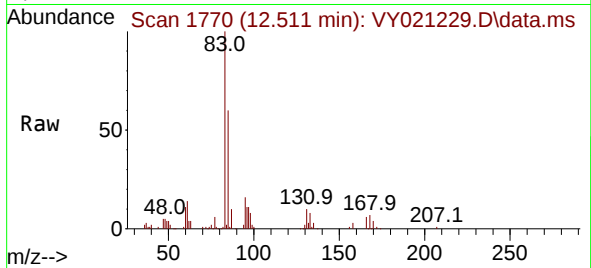




#75
 1,1,2-Tetrachloroethane
 Concen: 26.673 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

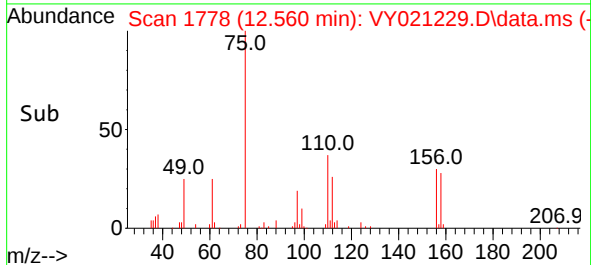
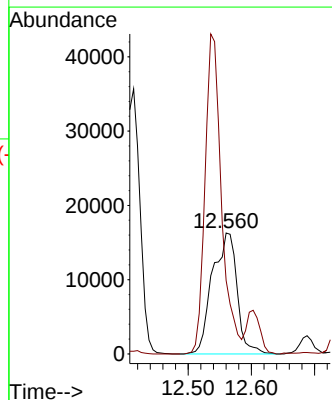
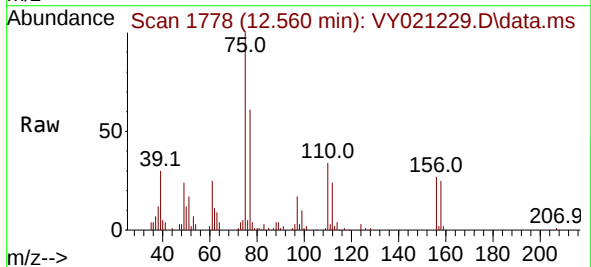
Instrument :
 MSVOA_Y
 ClientSampleId :

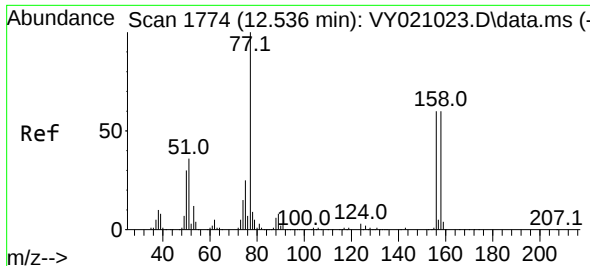
Tgt Ion: 83 Resp: 34298
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.6
 85 63.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 49.147 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

Tgt Ion: 75 Resp: 44127
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

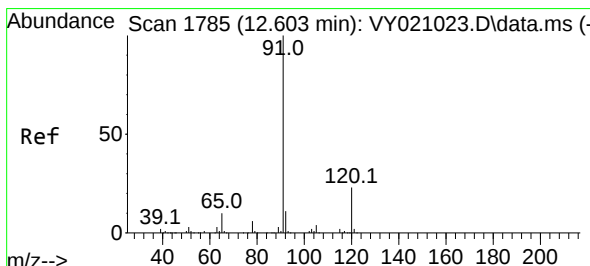
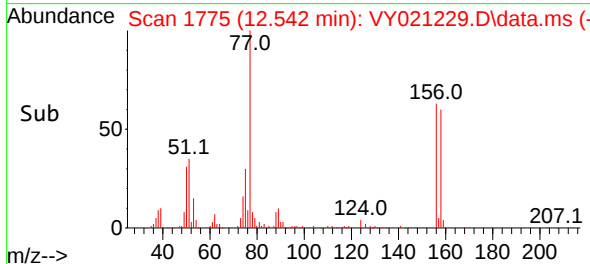
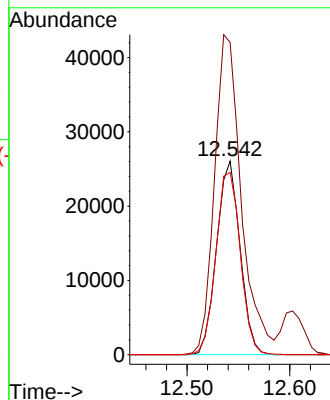
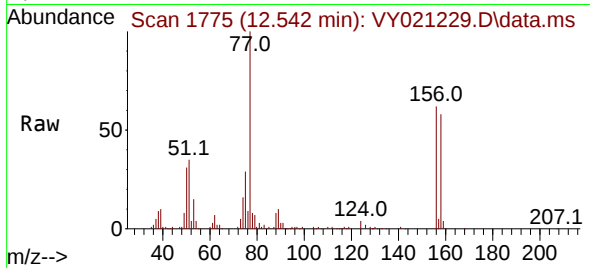




#77
Bromobenzene
Concen: 23.121 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

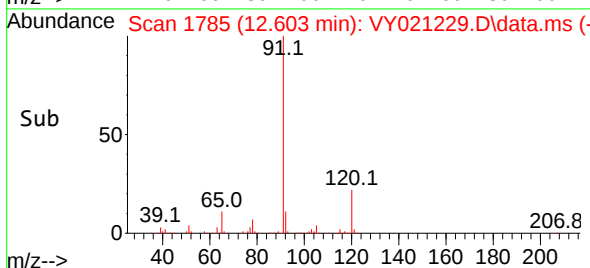
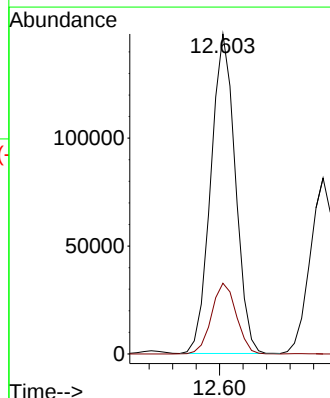
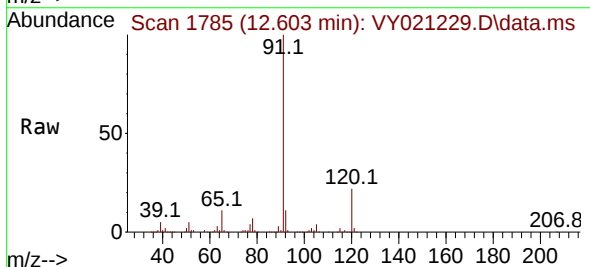
Instrument :
MSVOA_Y
ClientSampleId :

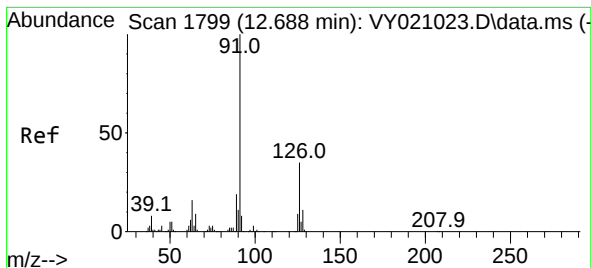
Tgt Ion:156 Resp: 41252
Ion Ratio Lower Upper
156 100
77 189.6 97.3 291.8
158 98.2 48.4 145.0



#78
n-propylbenzene
Concen: 23.327 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 91 Resp: 214841
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 23.196 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

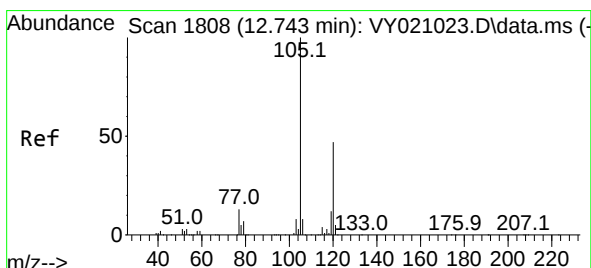
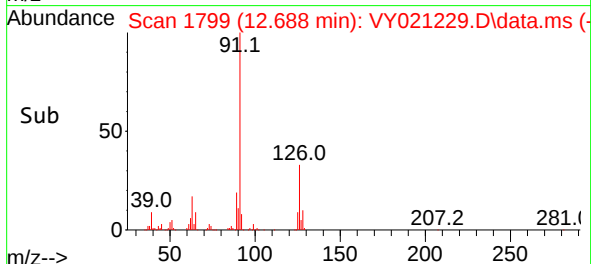
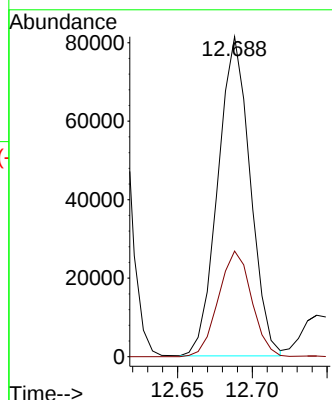
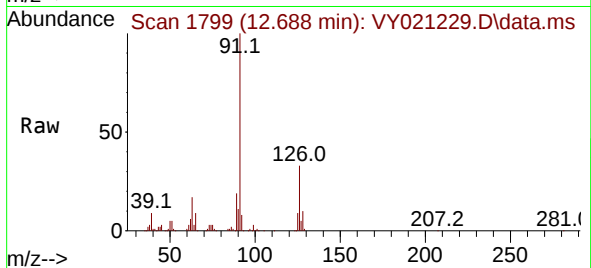
ClientSampleId :

Tgt Ion: 91 Resp: 122361

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 23.336 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021229.D

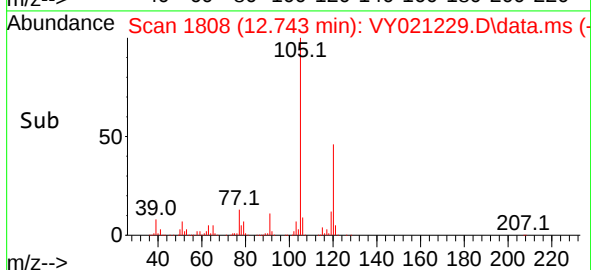
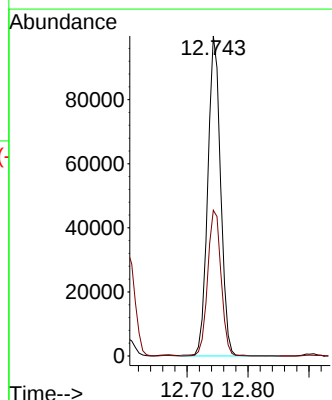
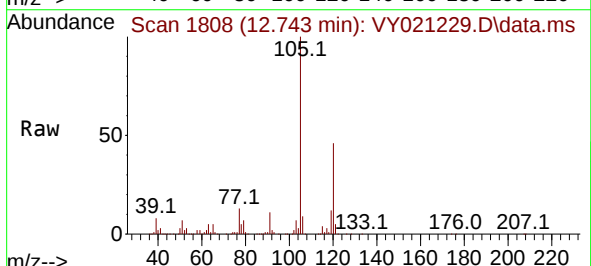
Acq: 18 Feb 2025 13:30

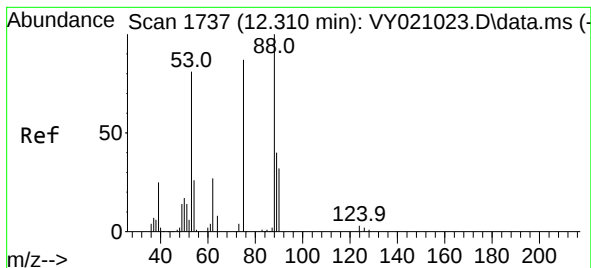
Tgt Ion: 105 Resp: 146284

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.8

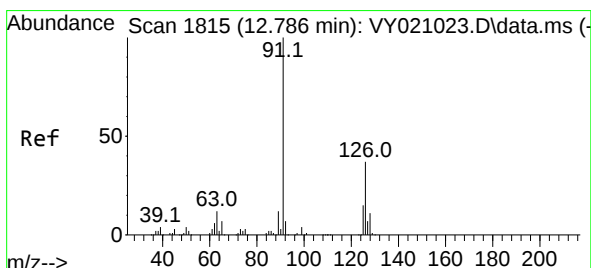
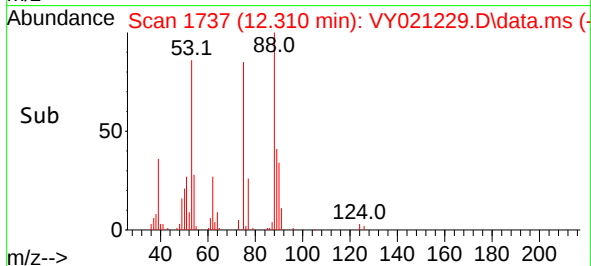
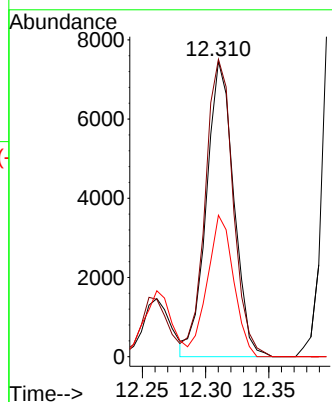
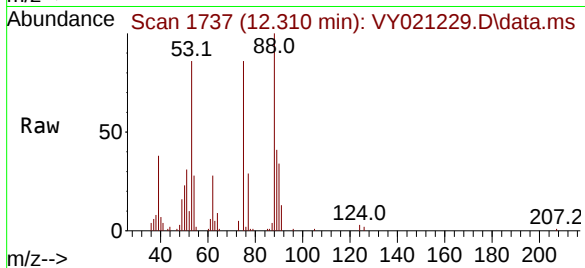




#81
 trans-1,4-Dichloro-2-butene
 Concen: 25.460 ug/l
 RT: 12.310 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

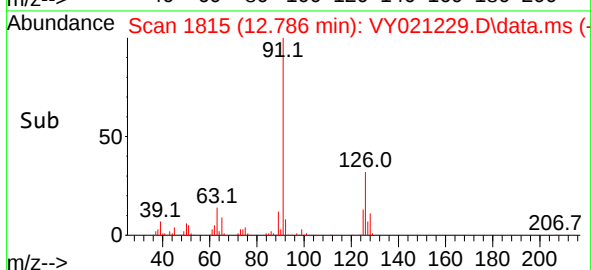
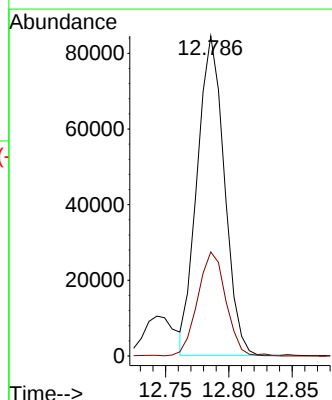
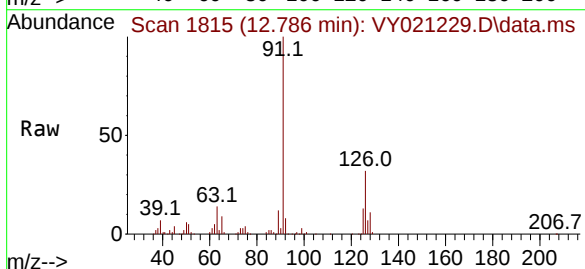
Instrument :
 MSVOA_Y
 ClientSampleId :

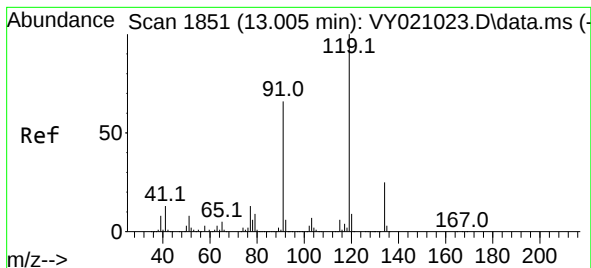
Tgt Ion: 75 Resp: 11203
 Ion Ratio Lower Upper
 75 100
 53 102.9 74.0 111.0
 89 45.9 36.5 54.7



#82
 4-Chlorotoluene
 Concen: 23.480 ug/l
 RT: 12.786 min Scan# 1815
 Delta R.T. -0.000 min
 Lab File: VY021229.D
 Acq: 18 Feb 2025 13:30

Tgt Ion: 91 Resp: 126193
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.1 51.2

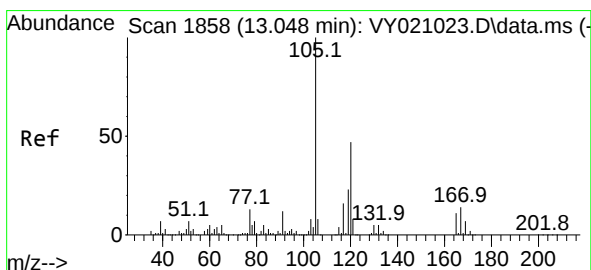
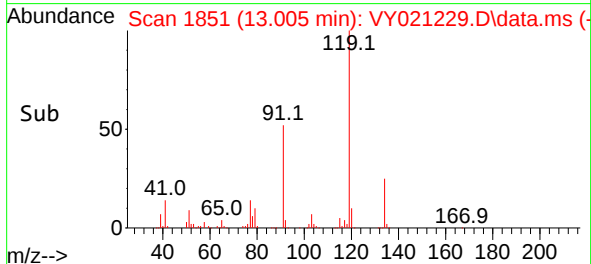
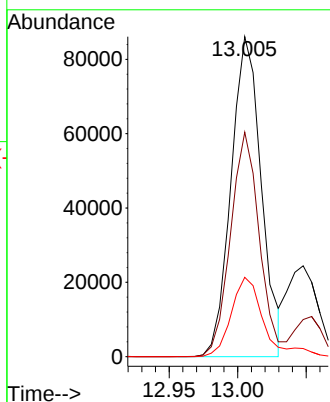
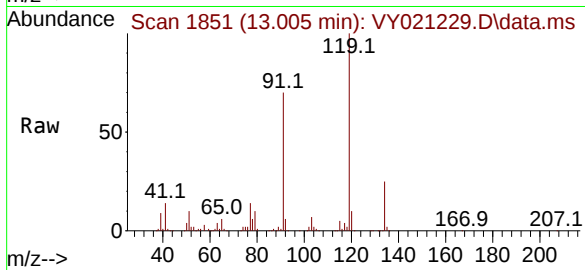




#83
tert-Butylbenzene
Concen: 23.254 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

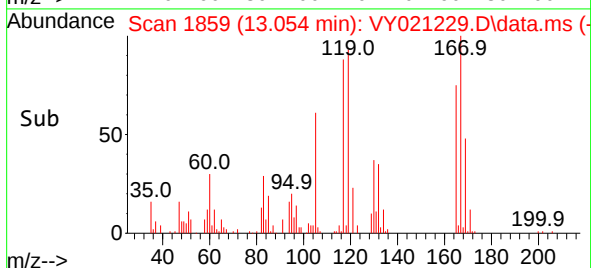
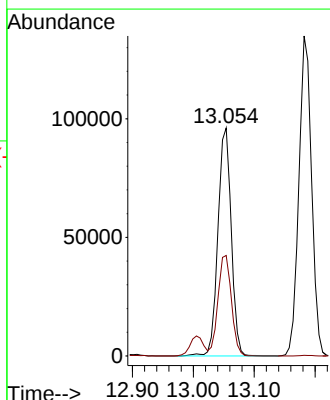
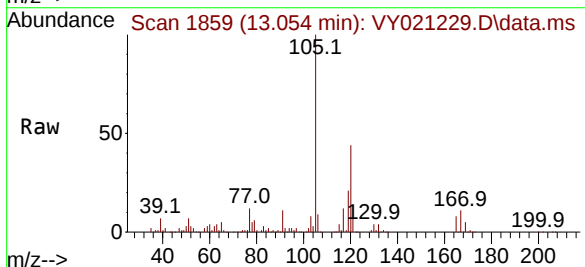
Instrument :
MSVOA_Y
ClientSampleId :

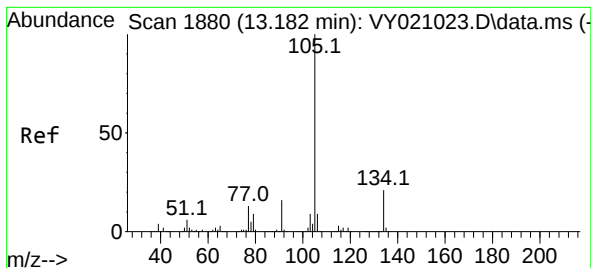
Tgt Ion:119 Resp: 132496
Ion Ratio Lower Upper
119 100
91 67.4 31.5 94.5
134 26.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 23.760 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion:105 Resp: 145632
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 23.828 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

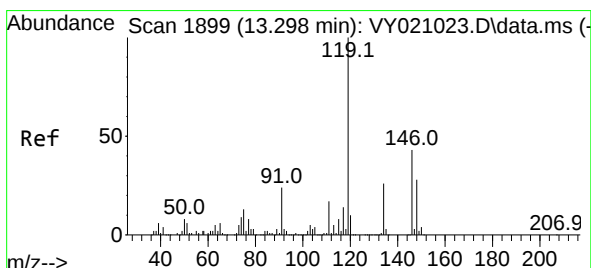
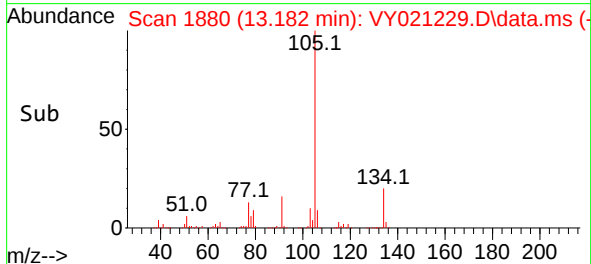
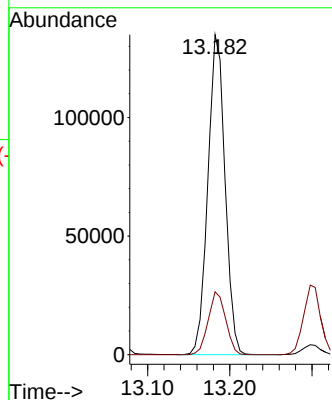
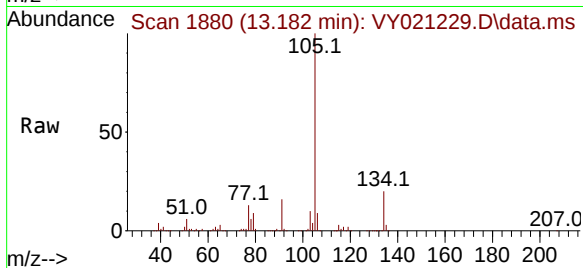
ClientSampleId :

Tgt Ion:105 Resp: 195434

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 23.668 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

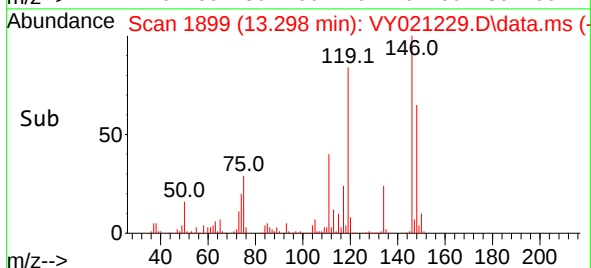
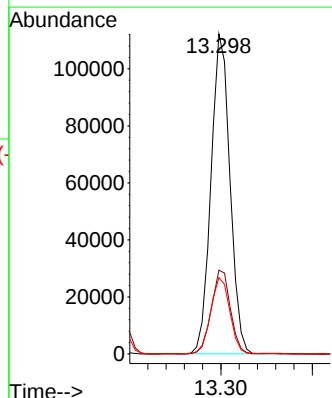
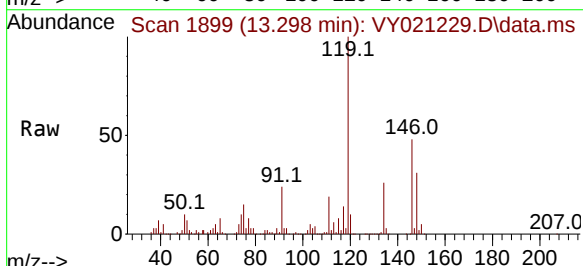
Tgt Ion:119 Resp: 161252

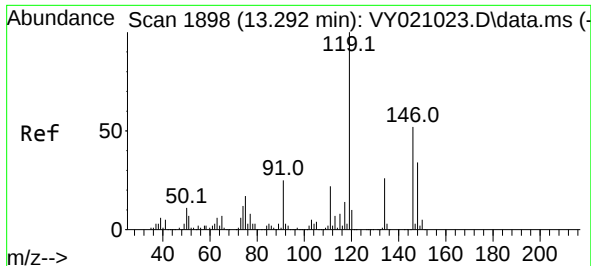
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 24.1 11.7 35.0

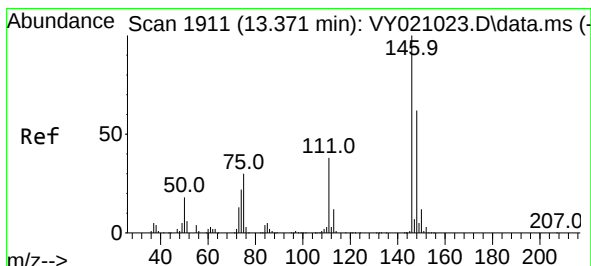
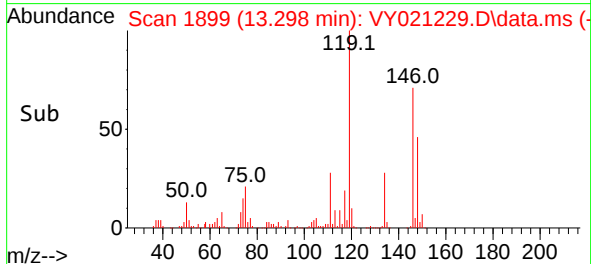
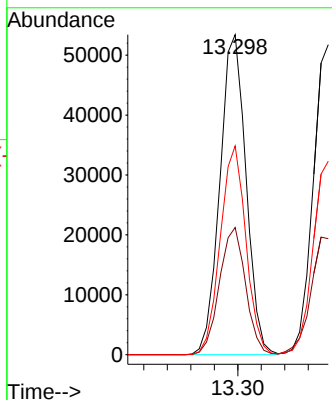
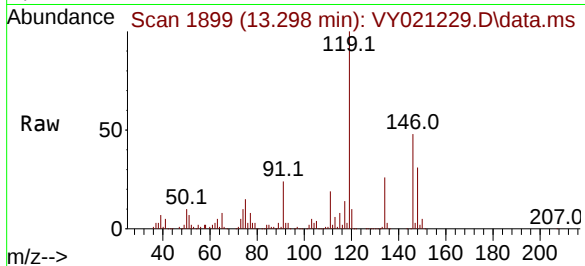




#87
1,3-Dichlorobenzene
Concen: 23.964 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

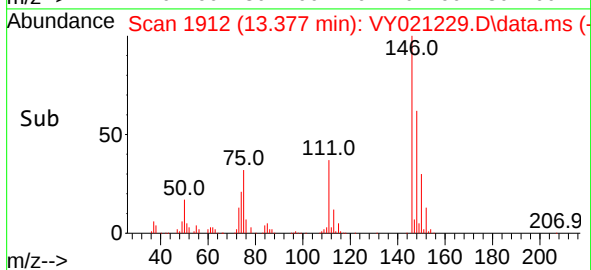
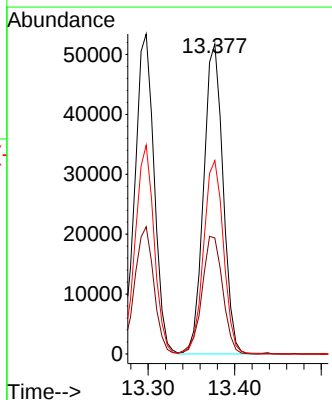
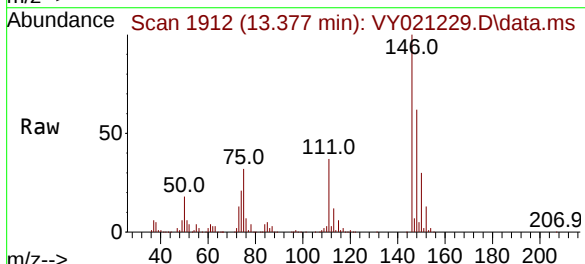
Instrument :
MSVOA_Y
ClientSampleId :

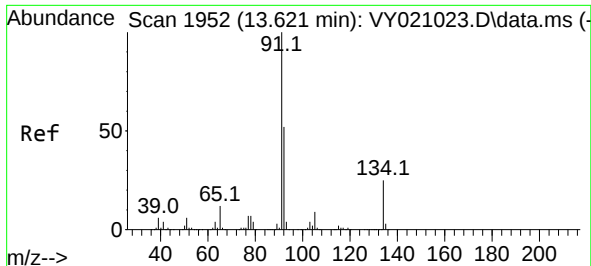
Tgt Ion:146 Resp: 82557
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.5
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 23.702 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion:146 Resp: 80396
Ion Ratio Lower Upper
146 100
111 40.6 19.3 57.9
148 64.2 31.6 94.7

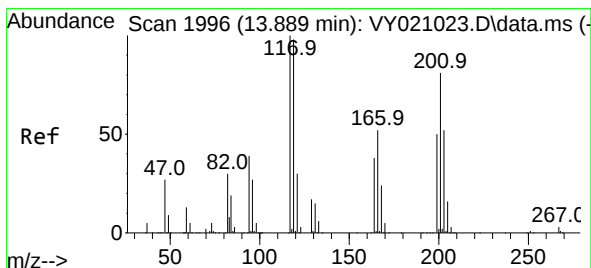
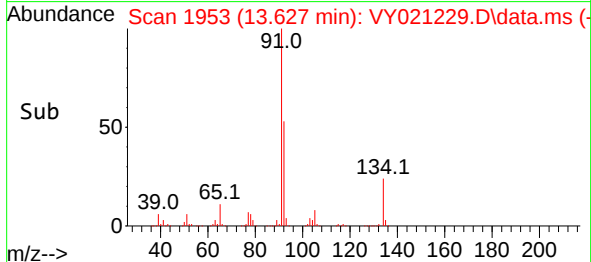
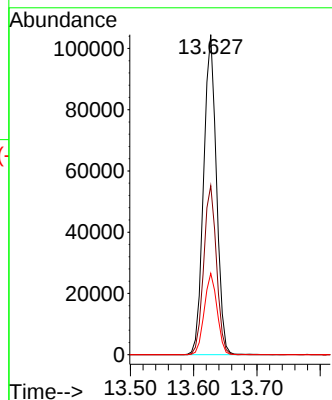
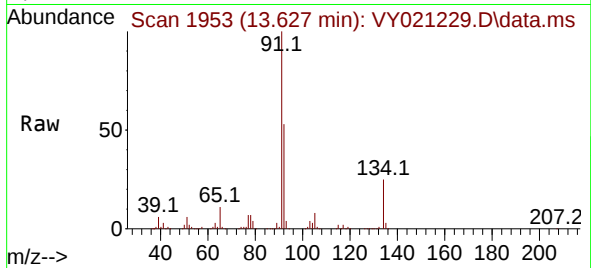




#89
n-Butylbenzene
Concen: 23.765 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

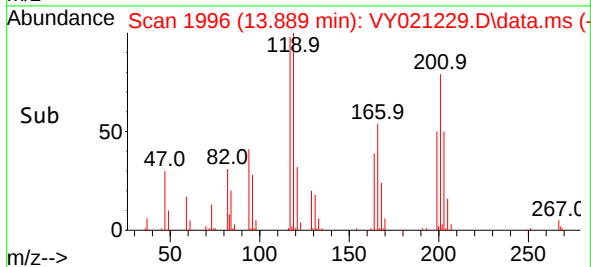
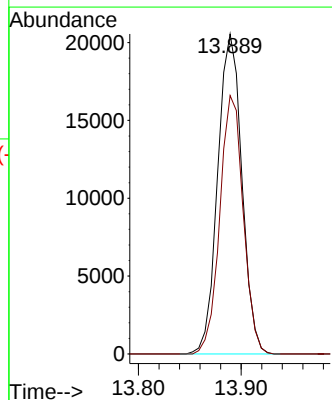
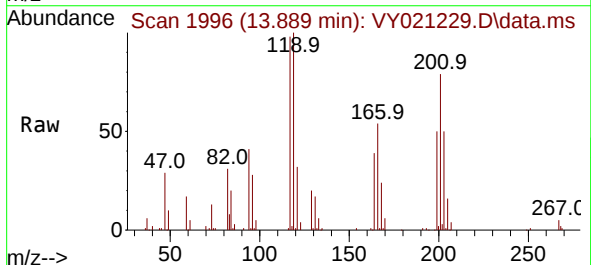
Instrument :
MSVOA_Y
ClientSampleId :

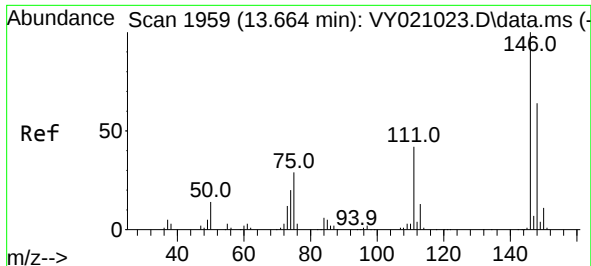
Tgt Ion: 91 Resp: 147712
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 25.3 12.3 36.8



#90
Hexachloroethane
Concen: 23.543 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021229.D
Acq: 18 Feb 2025 13:30

Tgt Ion: 117 Resp: 33462
Ion Ratio Lower Upper
117 100
201 78.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 24.281 ug/l

RT: 13.670 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

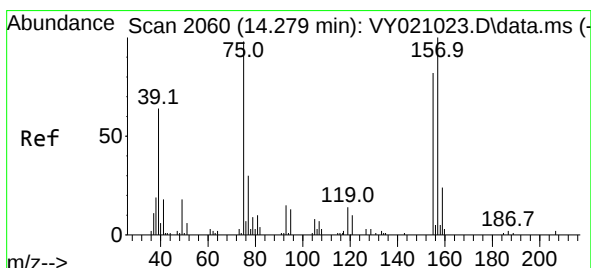
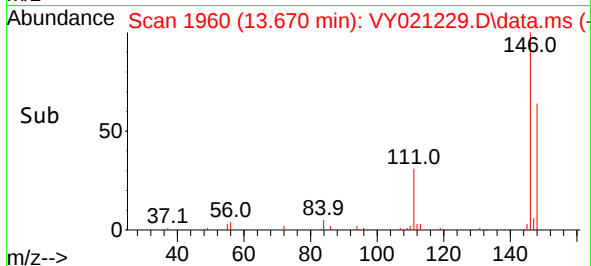
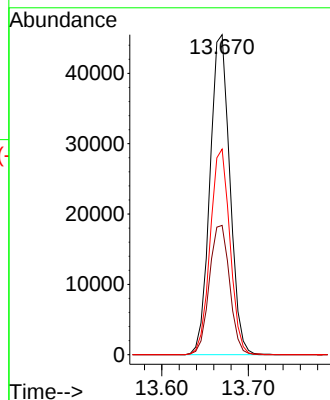
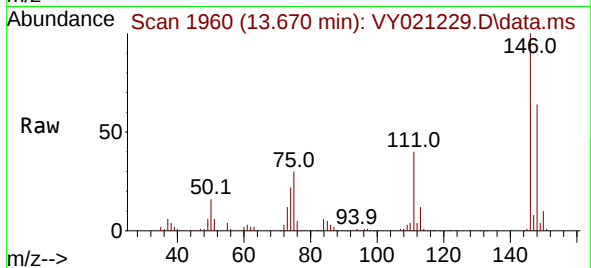
Tgt Ion:146 Resp: 72602

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 63.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.380 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

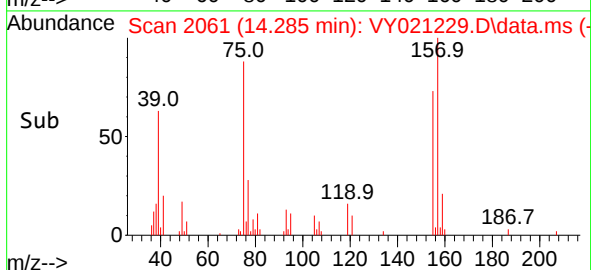
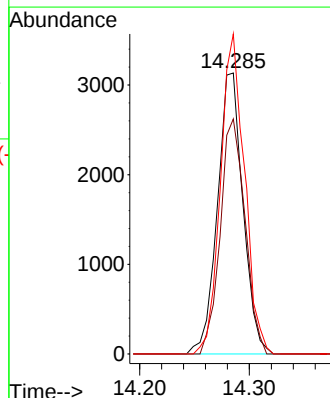
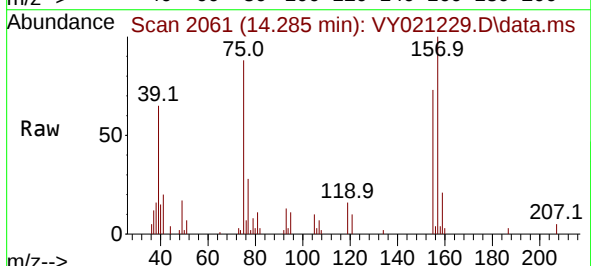
Tgt Ion: 75 Resp: 5069

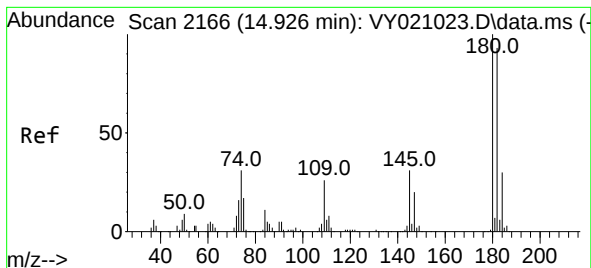
Ion Ratio Lower Upper

75 100

155 81.2 42.1 126.3

157 107.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 24.943 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

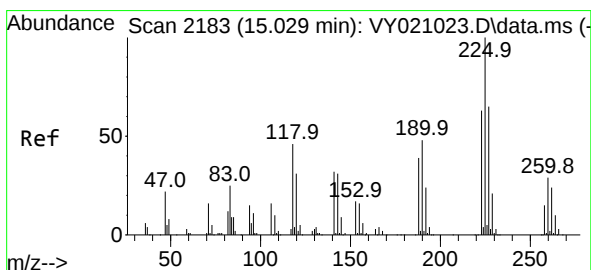
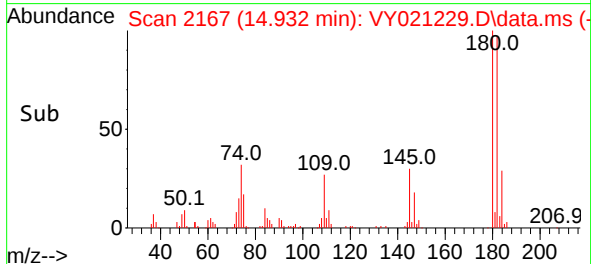
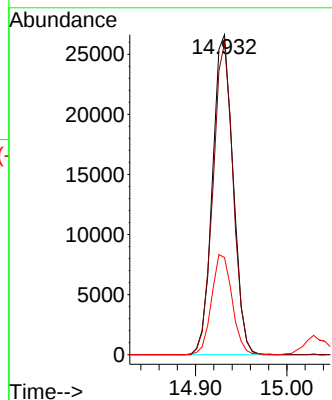
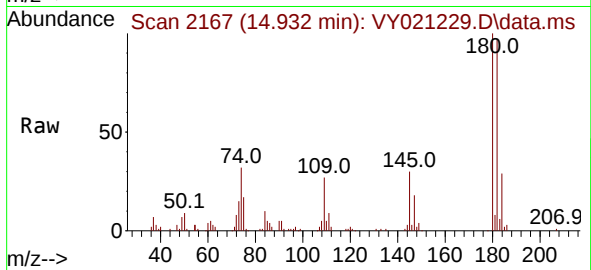
Tgt Ion:180 Resp: 41515

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 24.621 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

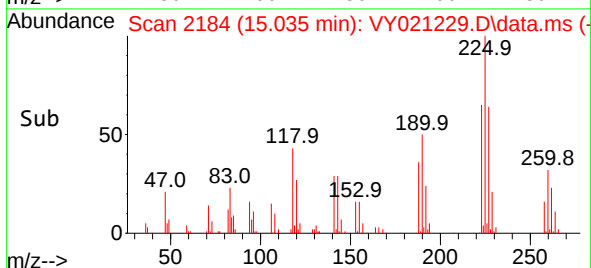
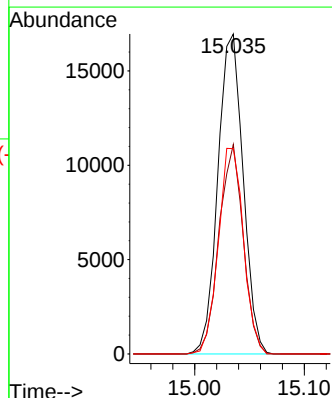
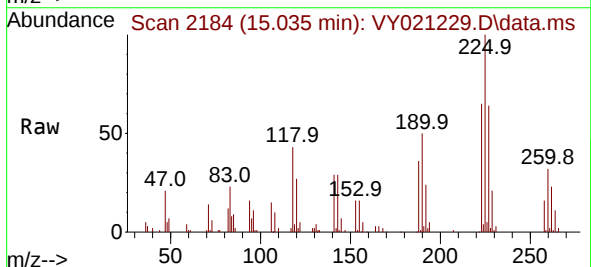
Tgt Ion:225 Resp: 27156

Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 27.303 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Instrument :

MSVOA_Y

ClientSampleId :

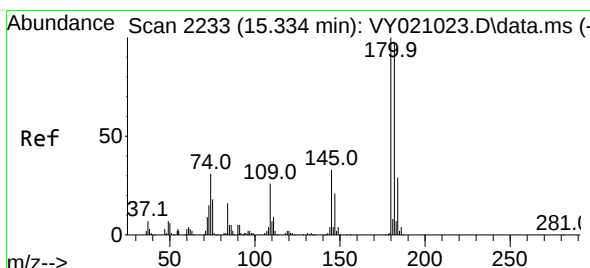
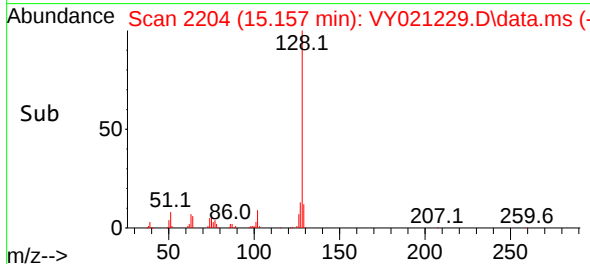
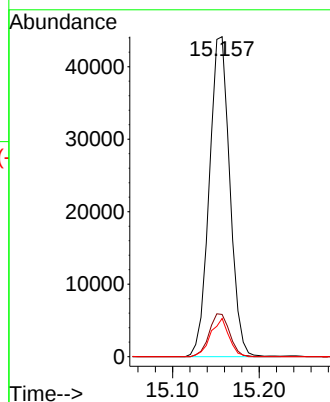
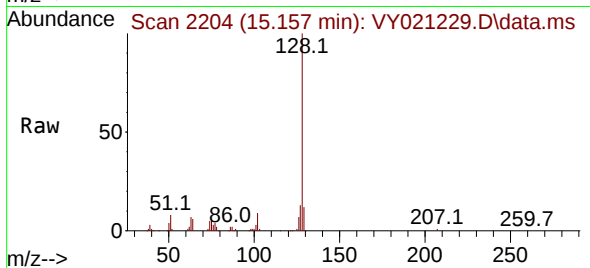
Tgt Ion:128 Resp: 72703

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 25.974 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021229.D

Acq: 18 Feb 2025 13:30

Tgt Ion:180 Resp: 35976

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 32.8 16.1 48.2

