

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020278.D
 Acq On : 13 Nov 2024 12:43
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 00:55:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	213387	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	374930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	330277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	207051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	182283	68.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.880%	
35) Dibromofluoromethane	7.640	113	129903	54.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.980%	
50) Toluene-d8	10.109	98	638096	67.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 134.500%#	
62) 4-Bromofluorobenzene	12.408	95	176753	57.350	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 114.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	32887	16.649	ug/l	99
3) Chloromethane	2.074	50	74312	22.712	ug/l	97
4) Vinyl Chloride	2.214	62	82484	23.483	ug/l	98
5) Bromomethane	2.598	94	48626	20.852	ug/l	95
6) Chloroethane	2.745	64	54433	24.013	ug/l	97
7) Trichlorofluoromethane	3.068	101	127432	29.698	ug/l	99
8) Diethyl Ether	3.458	74	35673	29.808	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.830	101	75796	31.494	ug/l	92
10) Methyl Iodide	4.019	142	71300	30.685	ug/l	92
11) Tert butyl alcohol	4.878	59	24822	129.574	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	68617	29.798	ug/l #	73
13) Acrolein	3.659	56	20759	87.051	ug/l	98
14) Allyl chloride	4.391	41	125237	30.145	ug/l #	89
15) Acrylonitrile	5.061	53	68631	125.982	ug/l	98
16) Acetone	3.879	43	84757	136.850	ug/l #	81
17) Carbon Disulfide	4.116	76	189149	24.683	ug/l	97
18) Methyl Acetate	4.397	43	39720	27.334	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	152930	26.398	ug/l	92
20) Methylene Chloride	4.628	84	72824	26.175	ug/l #	75
21) trans-1,2-Dichloroethene	5.128	96	68489	26.373	ug/l	86
22) Diisopropyl ether	6.025	45	181078	21.003	ug/l #	86
23) Vinyl Acetate	5.970	43	460373	94.885	ug/l #	89
24) 1,1-Dichloroethane	5.927	63	107970	21.628	ug/l	96
25) 2-Butanone	6.902	43	75525	89.960	ug/l #	84
26) 2,2-Dichloropropane	6.896	77	90263	21.731	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	62868	21.059	ug/l	81
28) Bromochloromethane	7.250	49	41162	17.609	ug/l #	72
29) Tetrahydrofuran	7.268	42	42896	88.536	ug/l #	82
30) Chloroform	7.427	83	106913	21.582	ug/l	98
31) Cyclohexane	7.707	56	96628	19.993	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	92862	21.471	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	75812	20.588	ug/l	95
37) Ethyl Acetate	6.994	43	27593	15.717	ug/l	99
38) Carbon Tetrachloride	7.823	117	79641	21.507	ug/l	96
39) Methylcyclohexane	9.115	83	90794	19.427	ug/l #	87
40) Benzene	8.091	78	296147	27.553	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	17962	20.424	ug/l #	86
42) 1,2-Dichloroethane	8.164	62	68668	23.081	ug/l	97
43) Isopropyl Acetate	8.201	43	67141	19.887	ug/l #	78
44) Trichloroethene	8.872	130	53796	21.595	ug/l	88
45) 1,2-Dichloropropane	9.146	63	57383	22.314	ug/l	98
46) Dibromomethane	9.237	93	28194	20.234	ug/l	89
47) Bromodichloromethane	9.426	83	79361	21.741	ug/l #	97
48) Methyl methacrylate	9.225	41	30031	19.204	ug/l #	82
49) 1,4-Dioxane	9.243	88	4725	329.369	ug/l #	92
51) 4-Methyl-2-Pentanone	10.006	43	208797	120.027	ug/l	89
52) Toluene	10.176	92	147514	22.264	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	67316	20.884	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	106585	27.703	ug/l #	83
55) 1,1,2-Trichloroethane	10.579	97	36999	21.356	ug/l	91
56) Ethyl methacrylate	10.444	69	47402	19.074	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	65316	20.587	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	151443	123.566	ug/l	92
59) 2-Hexanone	10.768	43	110584	88.670	ug/l	86
60) Dibromochloromethane	10.914	129	46309	20.970	ug/l	100
61) 1,2-Dibromoethane	11.018	107	34150	21.217	ug/l	100
64) Tetrachloroethene	10.652	164	49590	22.740	ug/l	96
65) Chlorobenzene	11.444	112	146573	20.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	50266	22.356	ug/l	95
67) Ethyl Benzene	11.524	91	274241	20.847	ug/l	99
68) m/p-Xylenes	11.633	106	198994	41.345	ug/l	89
69) o-Xylene	11.956	106	95689	20.999	ug/l	91
70) Styrene	11.975	104	160769	21.338	ug/l	96
71) Bromoform	12.133	173	29377	25.468	ug/l #	96
73) Isopropylbenzene	12.261	105	264655	16.001	ug/l	99
74) N-amyl acetate	12.072	43	64599	15.624	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	47307	16.354	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	64256	33.107	ug/l #	100
77) Bromobenzene	12.536	156	62629	18.723	ug/l	87
78) n-propylbenzene	12.603	91	359235	17.451	ug/l	96
79) 2-Chlorotoluene	12.682	91	179099	15.674	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	209072	15.745	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	12522	13.877	ug/l #	84
82) 4-Chlorotoluene	12.779	91	181267	15.558	ug/l	94
83) tert-Butylbenzene	12.999	119	264217	22.755	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	284209	21.609	ug/l	95
85) sec-Butylbenzene	13.182	105	380600	21.351	ug/l	97
86) p-Isopropyltoluene	13.298	119	303415	21.211	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	141337	20.798	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	135994	20.096	ug/l	96
89) n-Butylbenzene	13.621	91	270719	18.879	ug/l	99
90) Hexachloroethane	13.889	117	44809	15.839	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	109283	18.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5344	12.182	ug/l	85
93) 1,2,4-Trichlorobenzene	14.925	180	49305	15.538	ug/l	97
94) Hexachlorobutadiene	15.029	225	25899	14.926	ug/l	97
95) Naphthalene	15.151	128	72991	12.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	34375	12.762	ug/l	97

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QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

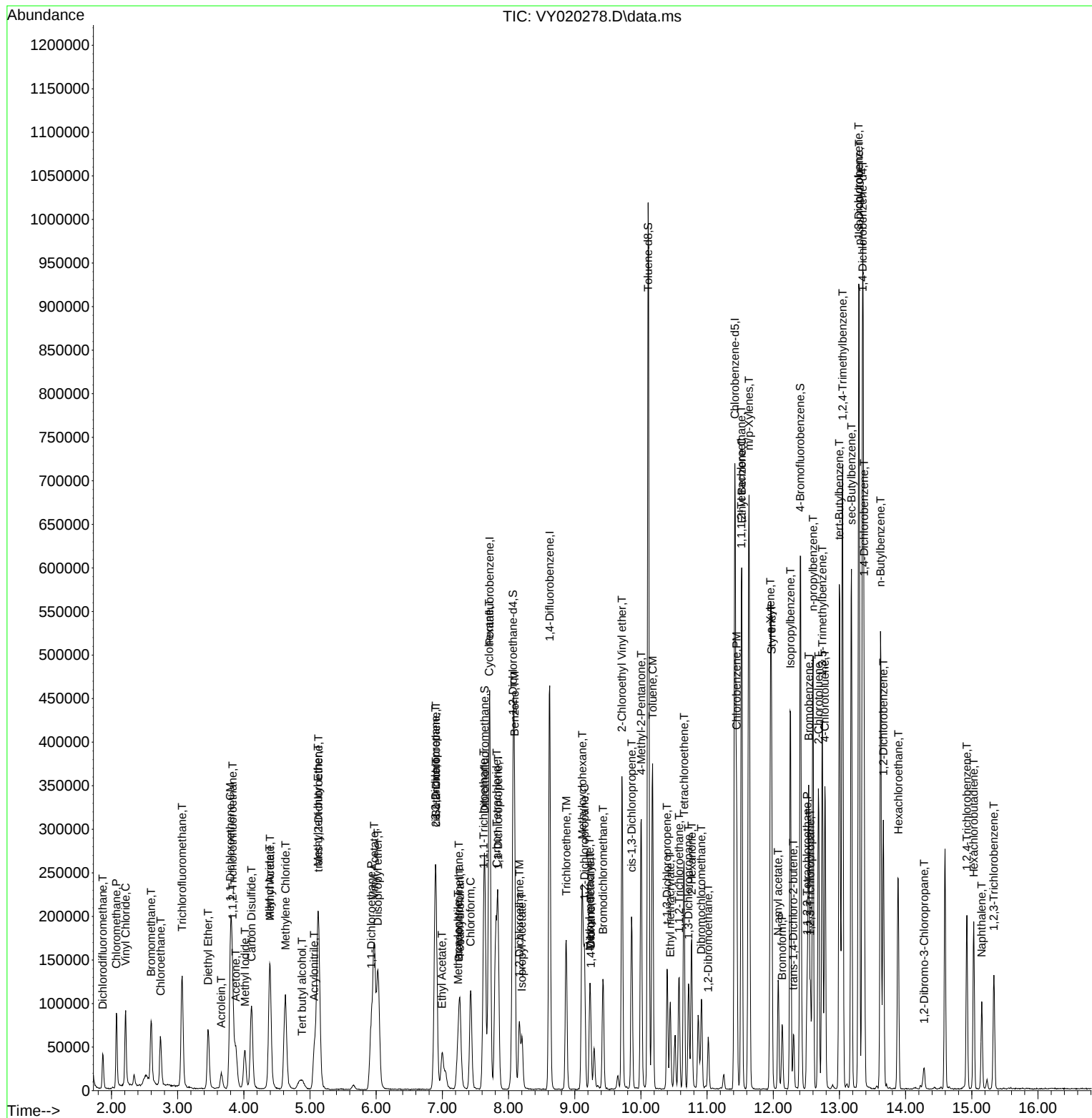
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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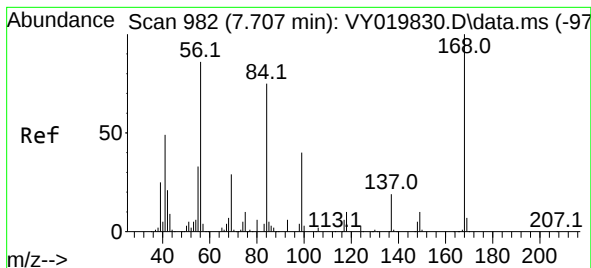
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

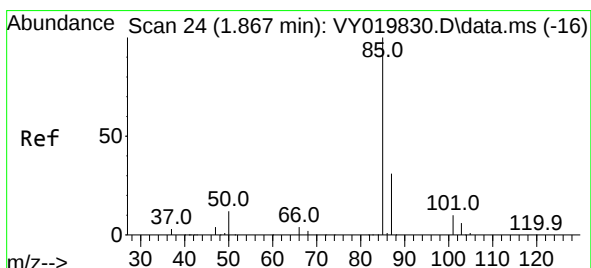
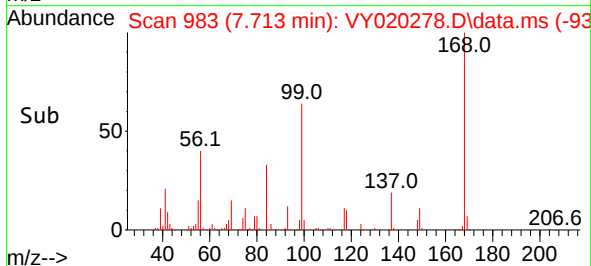
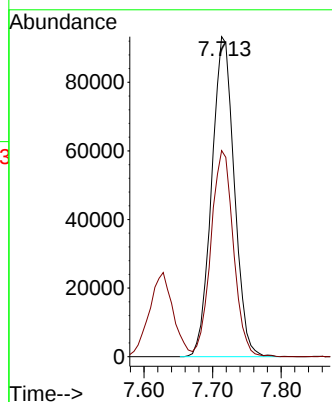
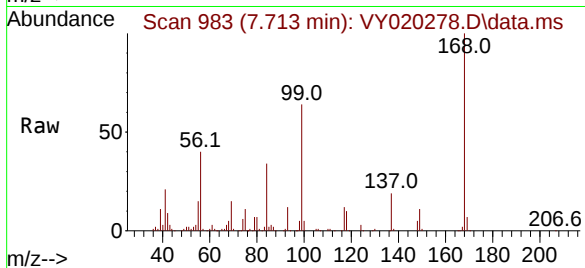
ClientSampleId :

Tgt Ion:168 Resp: 213387

Ion Ratio Lower Upper

168 100

99 64.4 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 16.649 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY020278.D

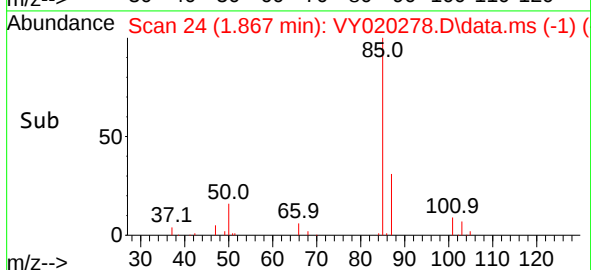
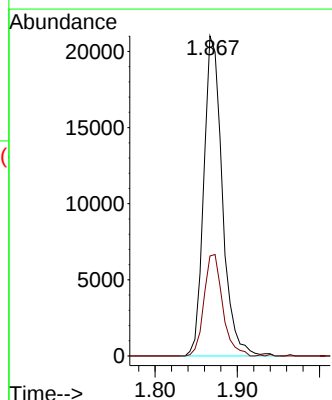
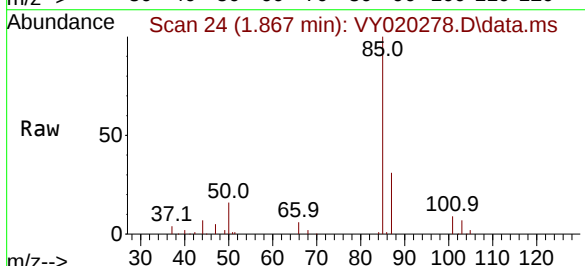
Acq: 13 Nov 2024 12:43

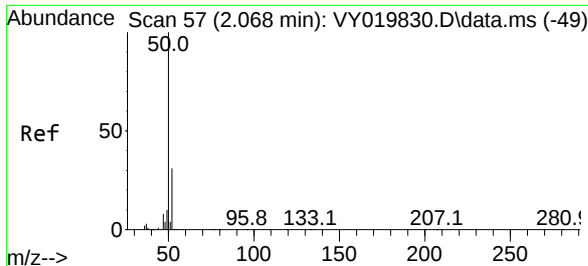
Tgt Ion: 85 Resp: 32887

Ion Ratio Lower Upper

85 100

87 31.3 16.0 48.0

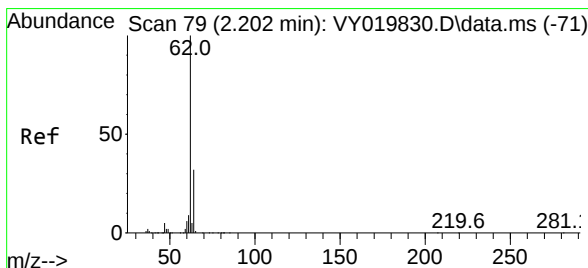
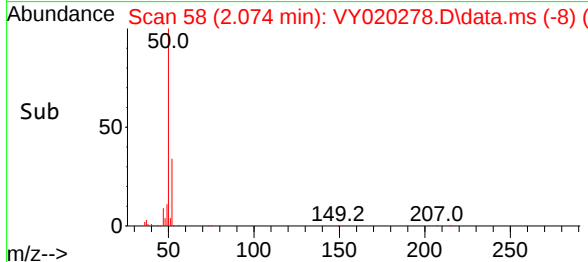
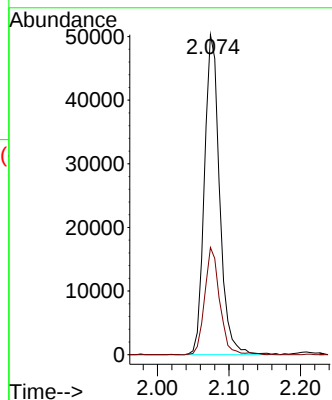
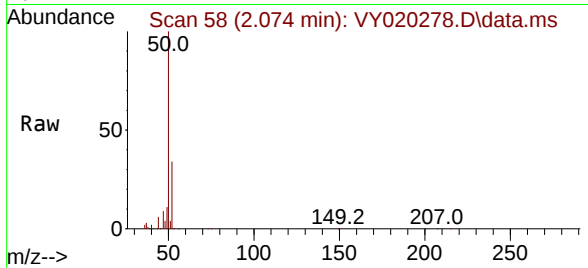




#3
Chloromethane
Concen: 22.712 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

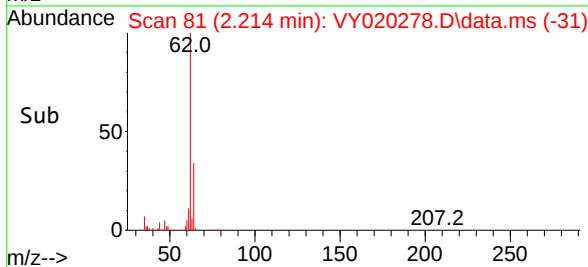
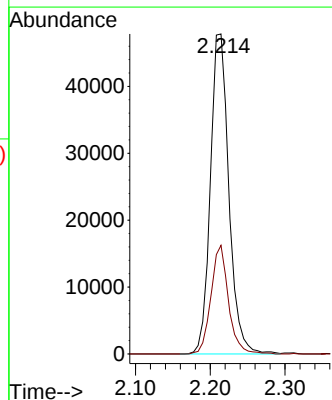
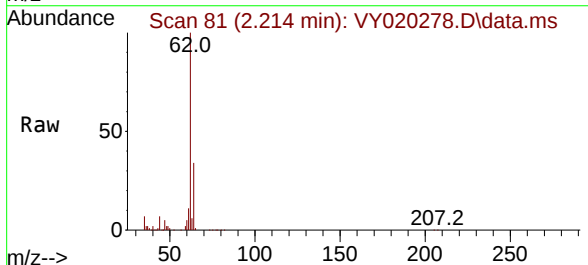
Instrument :
MSVOA_Y
ClientSampleId :

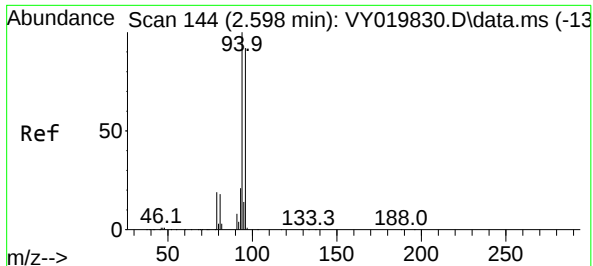
Tgt Ion: 50 Resp: 74312
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 23.483 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 62 Resp: 82484
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1

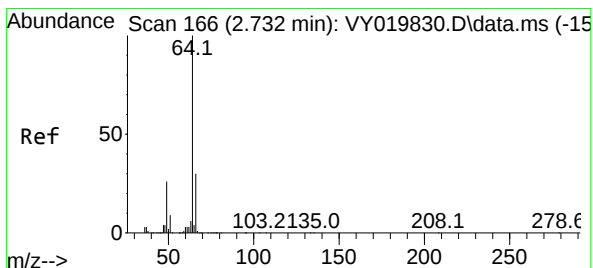
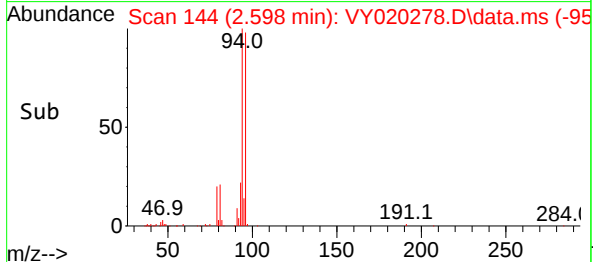
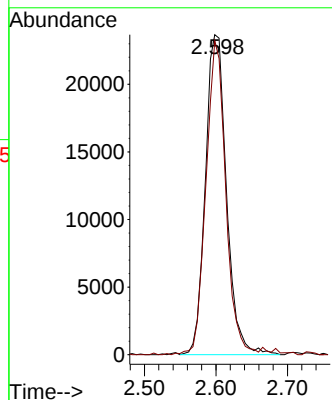
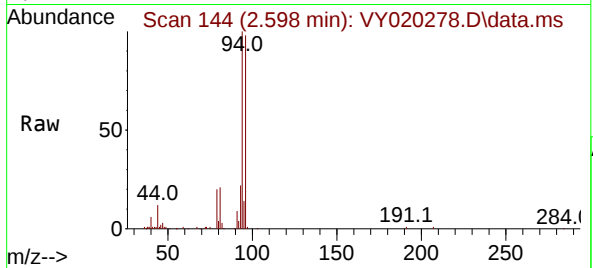




#5
Bromomethane
Concen: 20.852 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

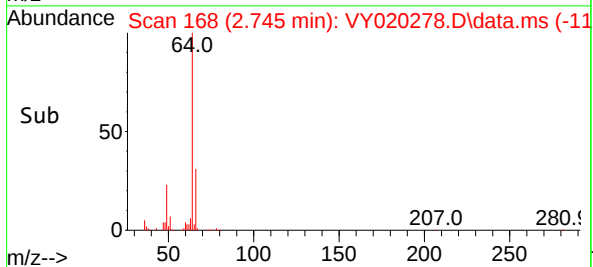
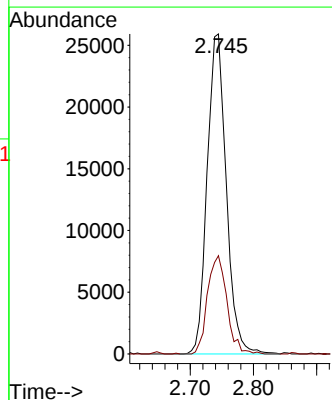
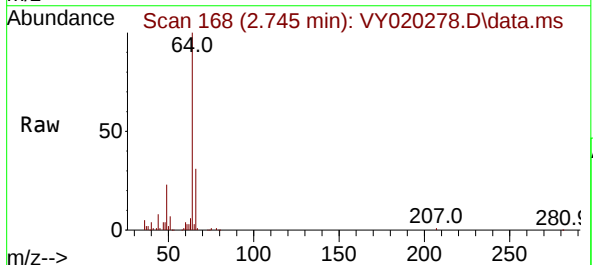
Instrument :
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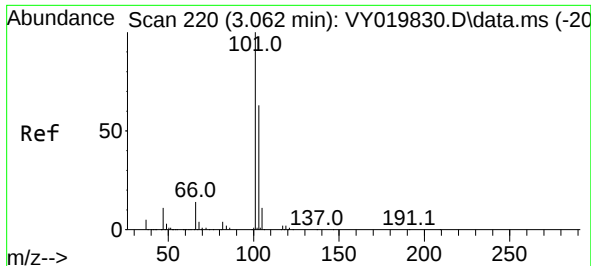
Tgt Ion: 94 Resp: 48626
Ion Ratio Lower Upper
94 100
96 97.7 74.1 111.1



#6
Chloroethane
Concen: 24.013 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 64 Resp: 54433
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

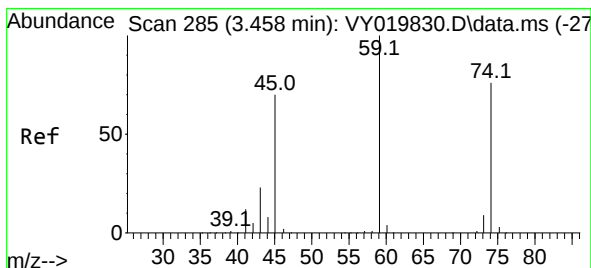
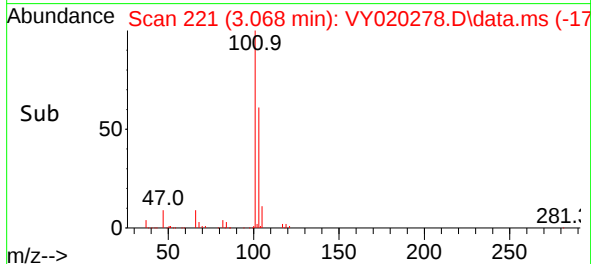
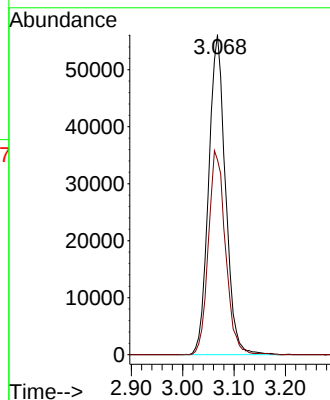
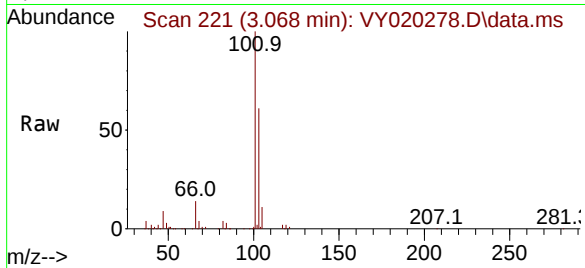




#7
Trichlorofluoromethane
Concen: 29.698 ug/l
RT: 3.068 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

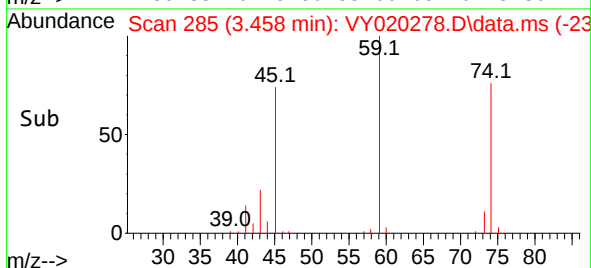
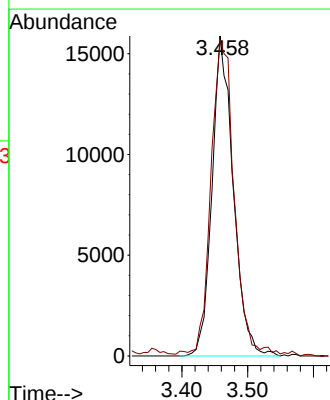
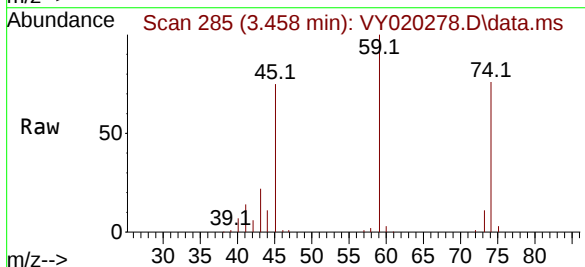
Instrument :
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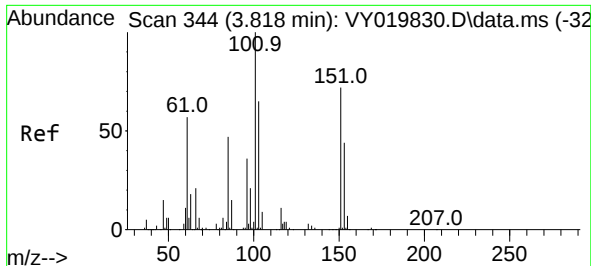
Tgt Ion:101 Resp: 127432
Ion Ratio Lower Upper
101 100
103 60.9 49.3 73.9



#8
Diethyl Ether
Concen: 29.808 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 74 Resp: 35673
Ion Ratio Lower Upper
74 100
45 106.5 41.3 124.1

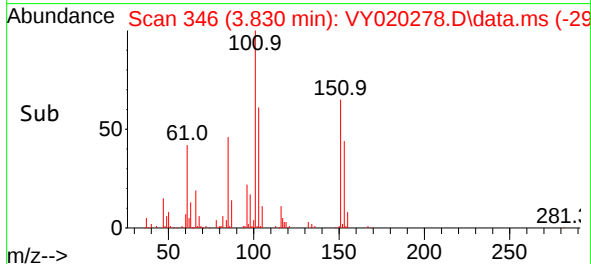
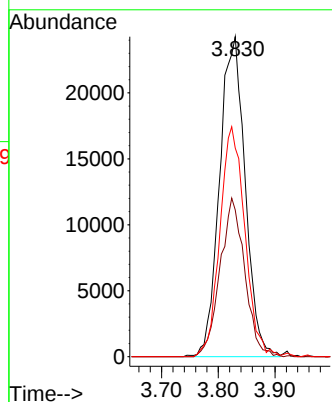
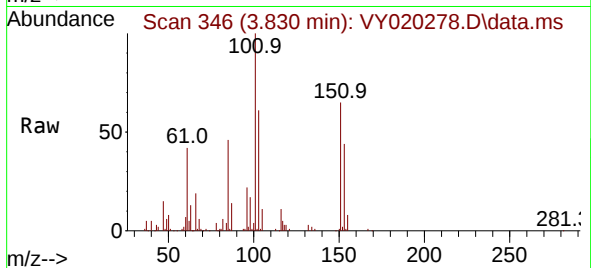




#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.494 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.019 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

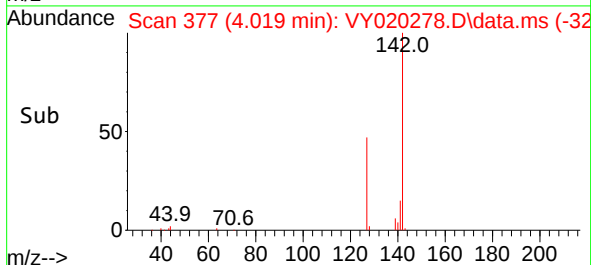
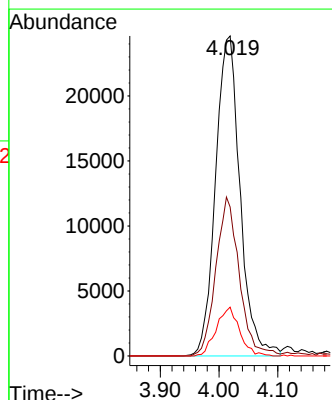
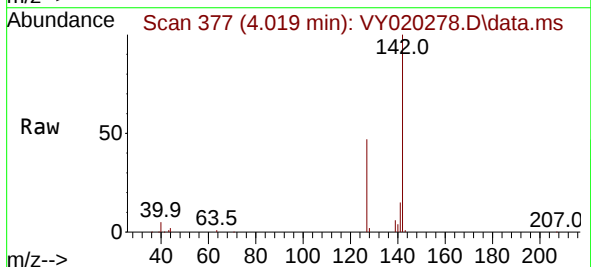
Instrument :
MSVOA_Y
ClientSampleId :

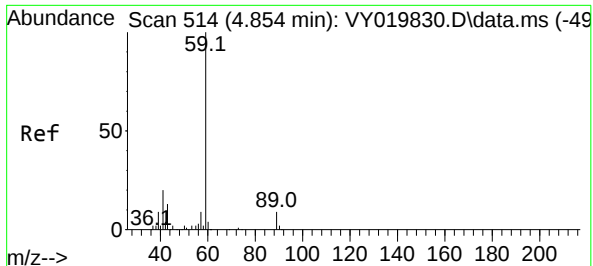
Tgt Ion:101 Resp: 75796
Ion Ratio Lower Upper
101 100
85 47.8 34.5 51.7
151 70.2 61.7 92.5



#10
Methyl Iodide
Concen: 30.685 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

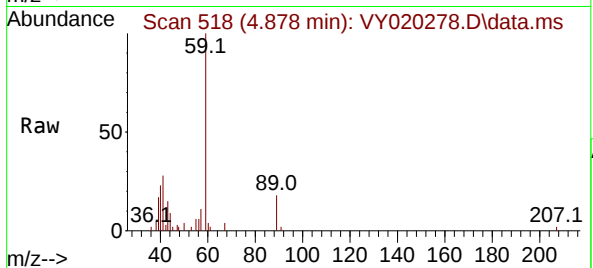
Tgt Ion:142 Resp: 71300
Ion Ratio Lower Upper
142 100
127 47.3 32.8 49.2
141 14.5 11.4 17.2



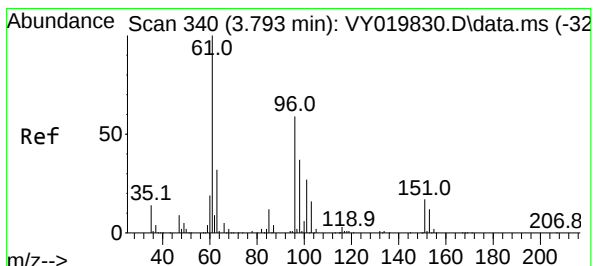
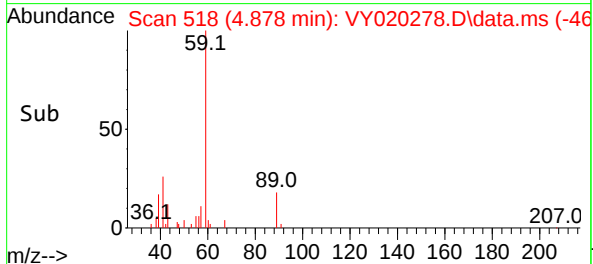
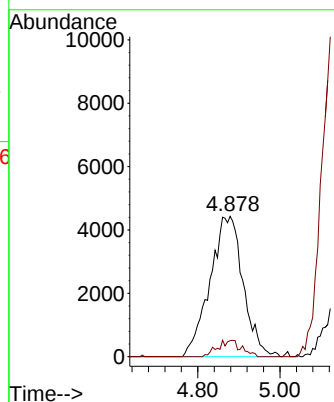


#11
Tert butyl alcohol
Concen: 129.574 ug/l
RT: 4.878 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

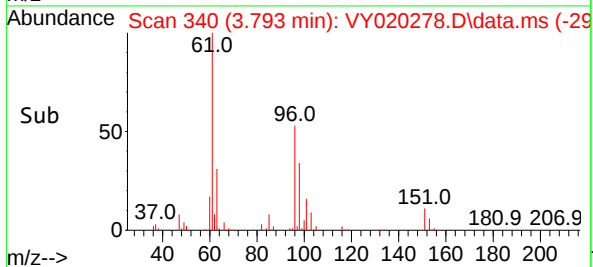
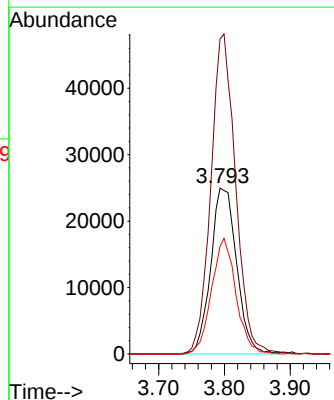
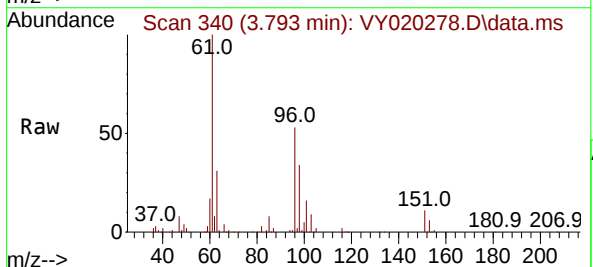


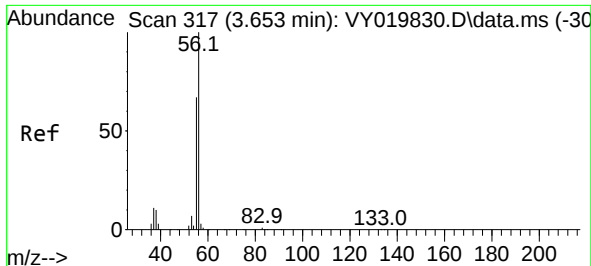
Tgt Ion: 59 Resp: 24822
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 29.798 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 96 Resp: 68617
Ion Ratio Lower Upper
96 100
61 189.8 114.6 171.8#
98 64.9 50.8 76.2





#13

Acrolein

Concen: 87.051 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

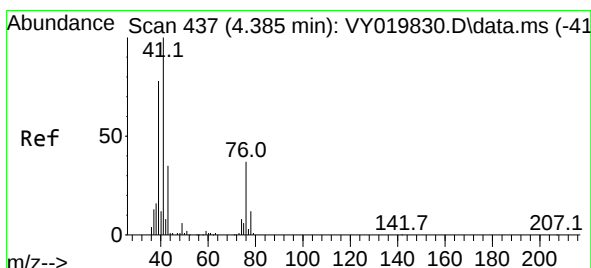
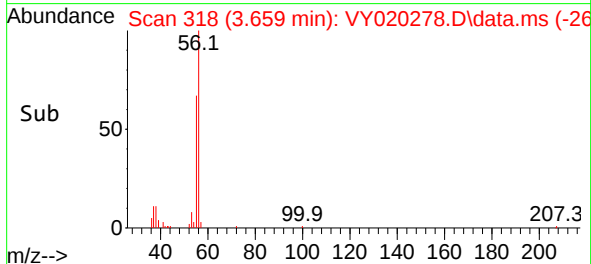
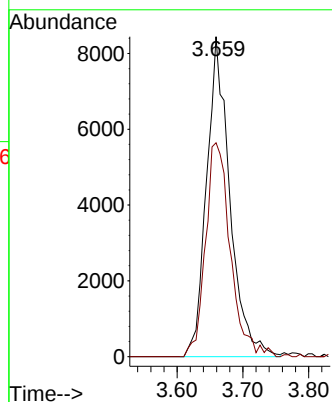
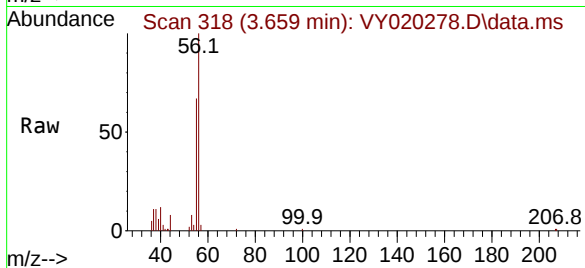
ClientSampleId :

Tgt Ion: 56 Resp: 20759

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 30.145 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

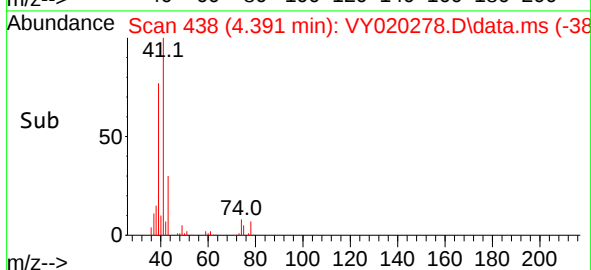
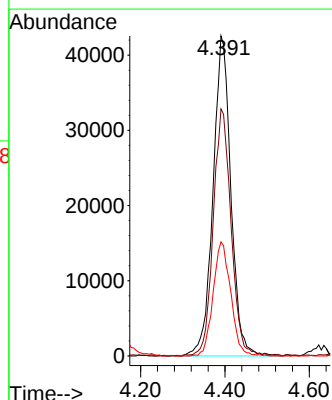
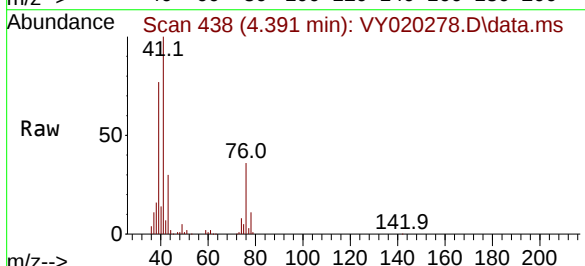
Tgt Ion: 41 Resp: 125237

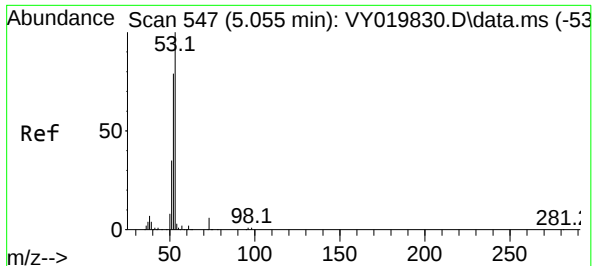
Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

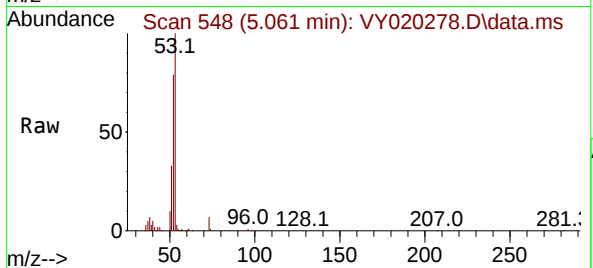
76 35.1 39.0 58.6#



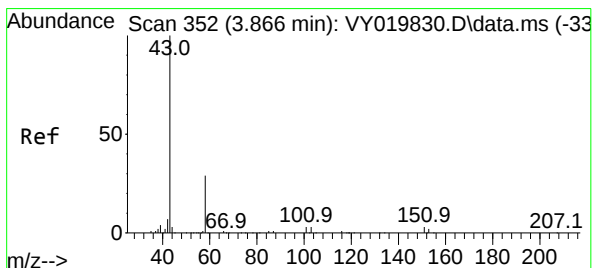
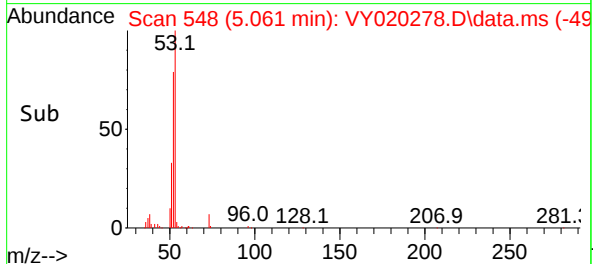
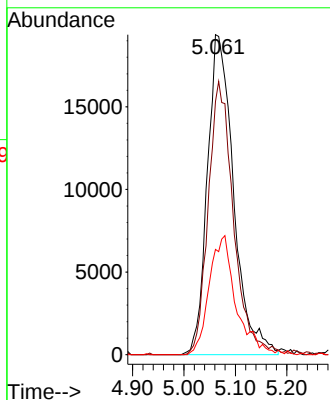


#15
Acrylonitrile
Concen: 125.982 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

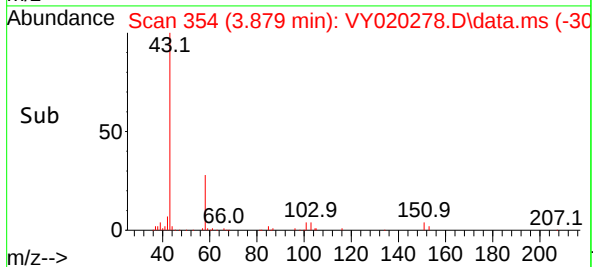
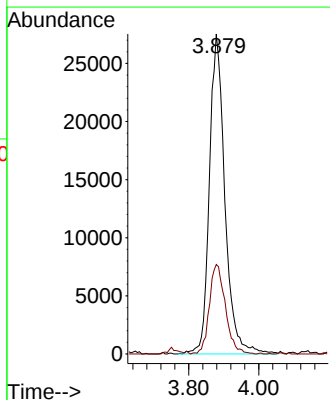
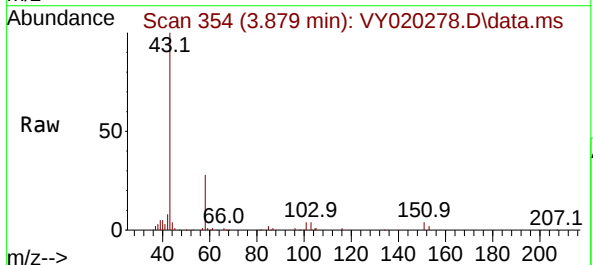


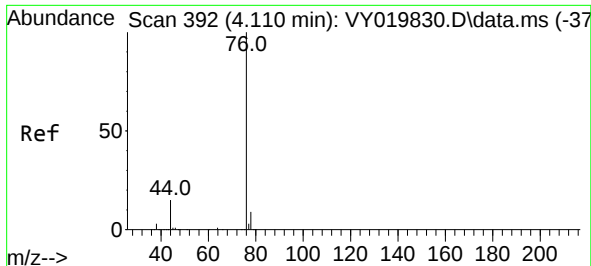
Tgt Ion: 53 Resp: 68631
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 38.0 28.4 42.6



#16
Acetone
Concen: 136.850 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 43 Resp: 84757
Ion Ratio Lower Upper
43 100
58 27.7 31.7 47.5#

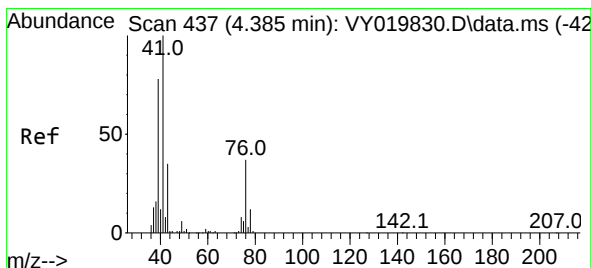
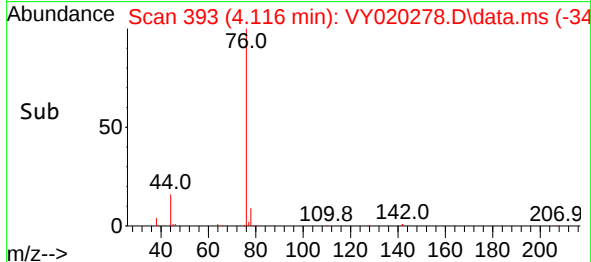
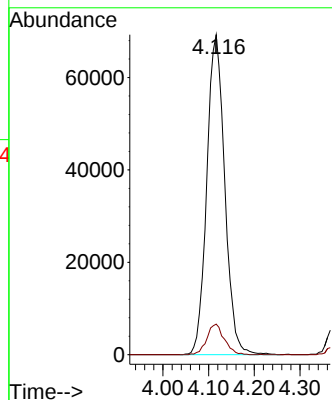
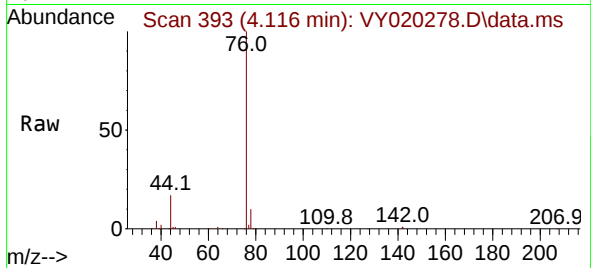




#17
Carbon Disulfide
Concen: 24.683 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

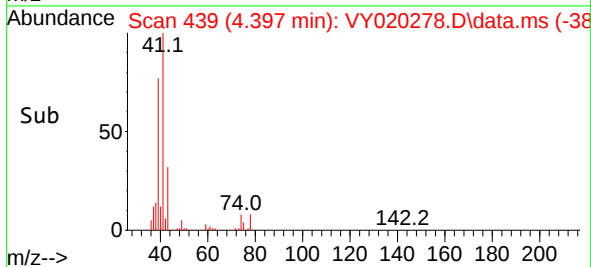
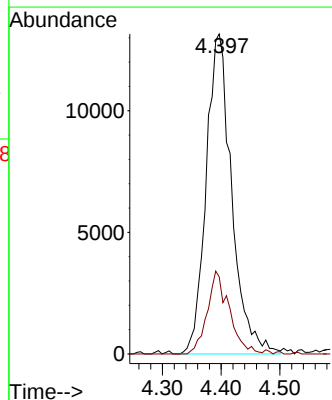
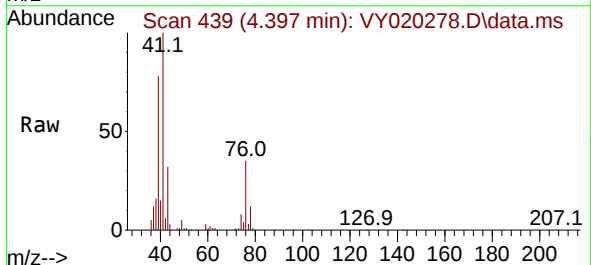
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 189149
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 27.334 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 43 Resp: 39720
Ion Ratio Lower Upper
43 100
74 22.3 23.3 34.9#

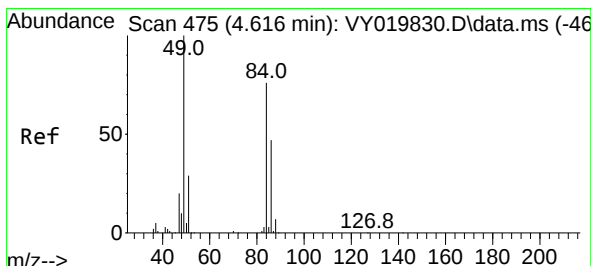
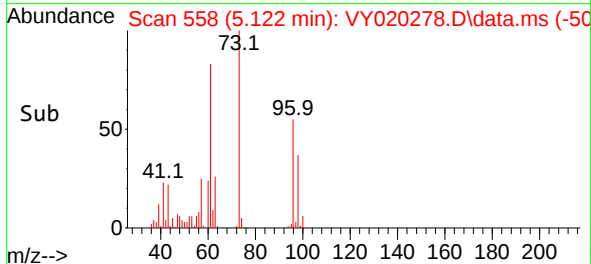
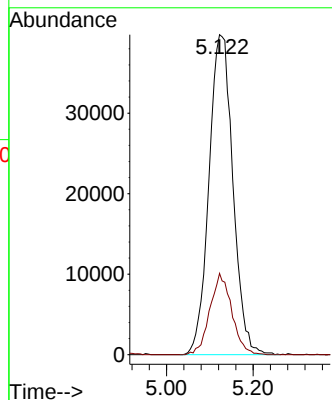
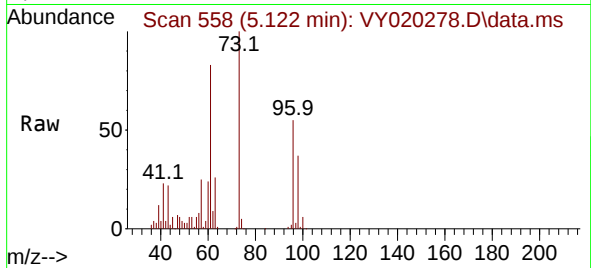




#19
Methyl tert-butyl Ether
Concen: 26.398 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

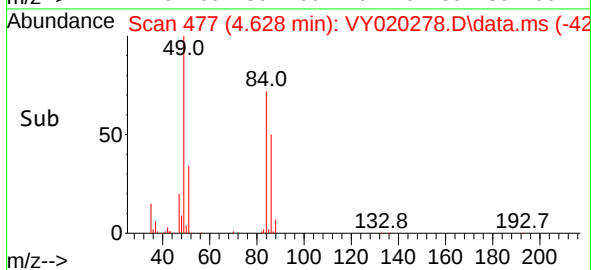
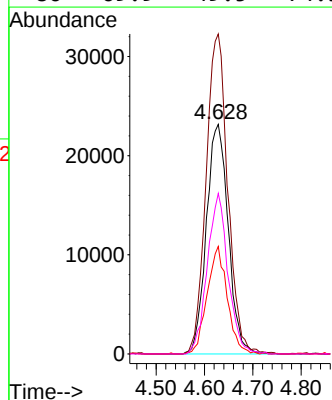
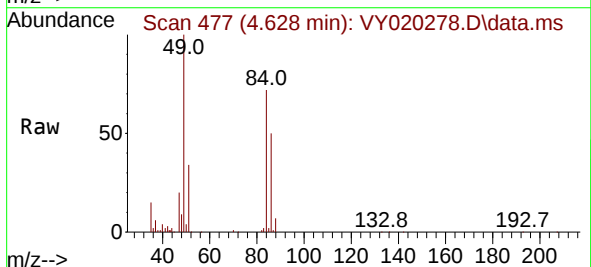
Instrument :
MSVOA_Y
ClientSampleId :

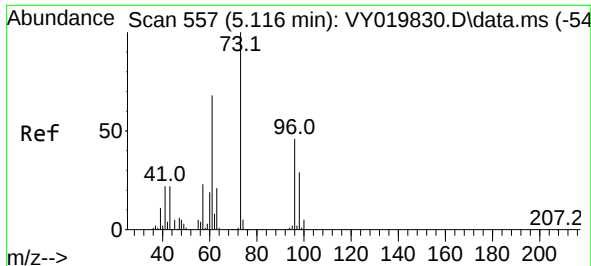
Tgt Ion: 73 Resp: 152930
Ion Ratio Lower Upper
73 100
57 25.4 17.3 25.9



#20
Methylene Chloride
Concen: 26.175 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

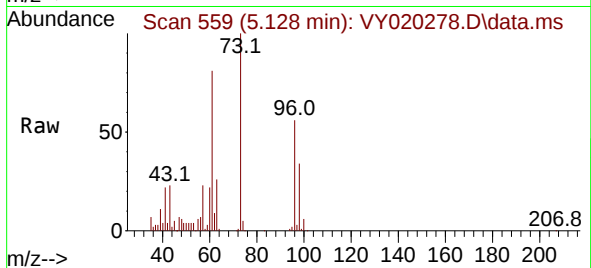
Tgt Ion: 84 Resp: 72824
Ion Ratio Lower Upper
84 100
49 139.3 84.4 126.6#
51 46.8 26.0 39.0#
86 69.9 49.5 74.3



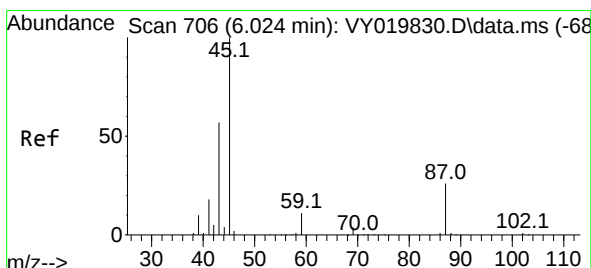
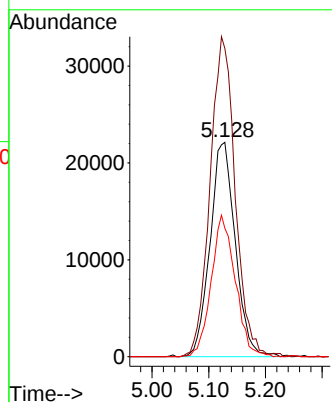
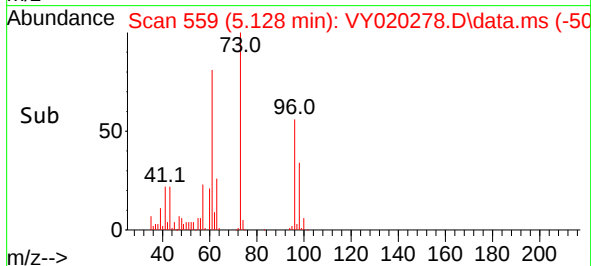


#21
trans-1,2-Dichloroethene
Concen: 26.373 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

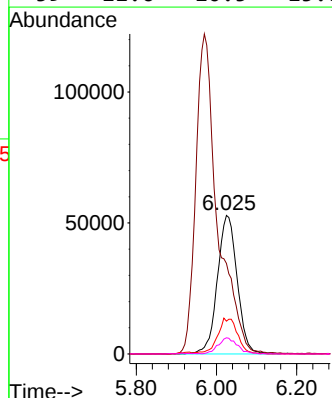
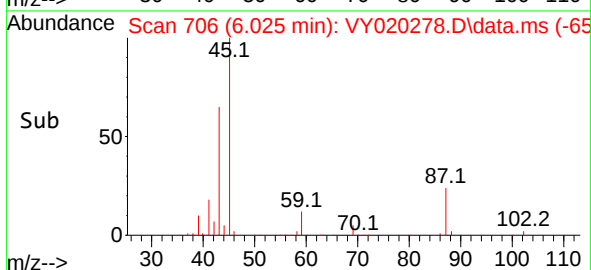
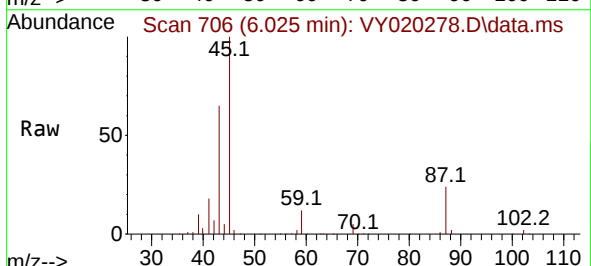


Tgt Ion: 96 Resp: 68489
Ion Ratio Lower Upper
96 100
61 143.8 97.5 146.3
98 60.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.003 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 45 Resp: 181078
Ion Ratio Lower Upper
45 100
43 64.6 42.2 63.2#
87 23.7 25.0 37.6#
59 11.6 10.5 15.7

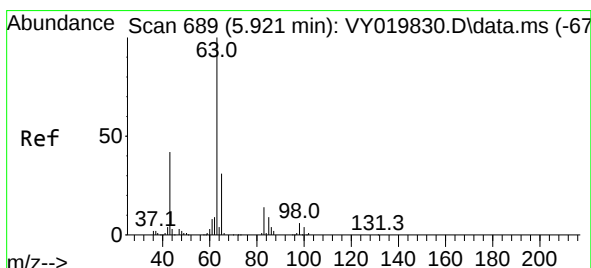
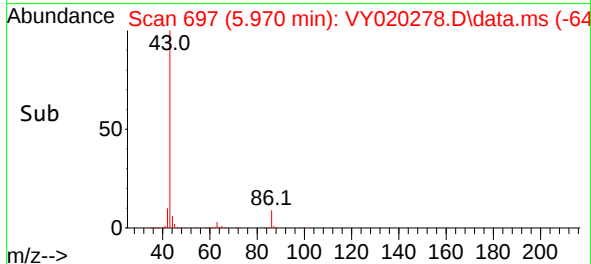
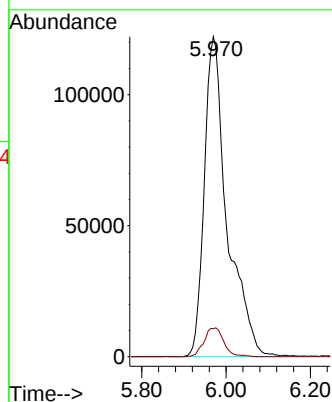
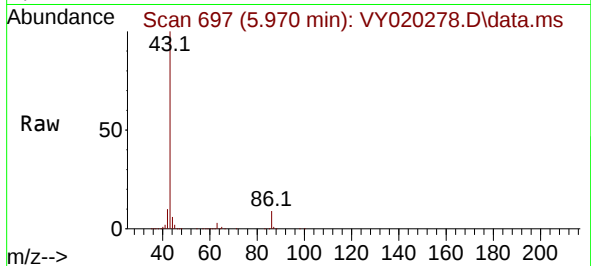




#23
 Vinyl Acetate
 Concen: 94.885 ug/l
 RT: 5.970 min Scan# 64
 Delta R.T. 0.012 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

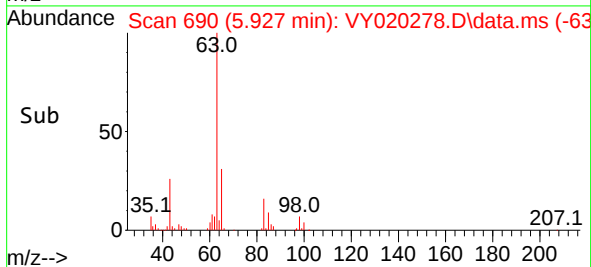
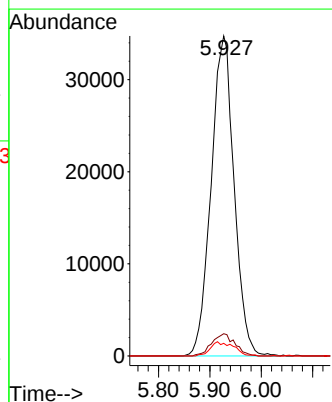
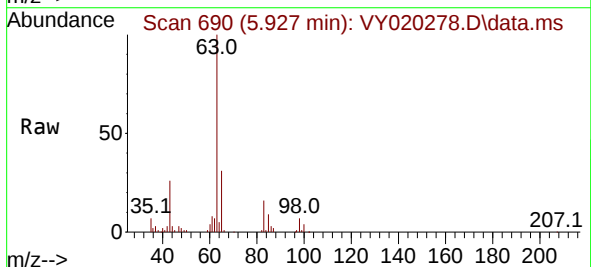
Instrument :
 MSVOA_Y
 ClientSampleId :

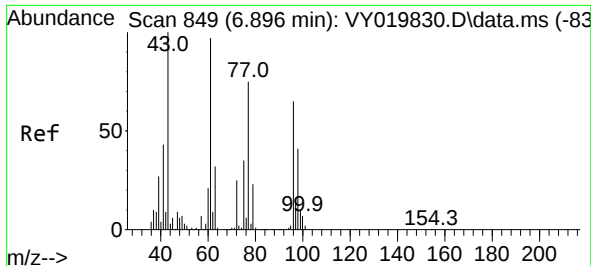
Tgt Ion: 43 Resp: 460373
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.628 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

Tgt Ion: 63 Resp: 107970
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.0 2.6 8.0

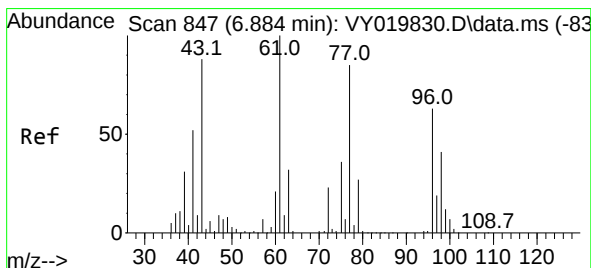
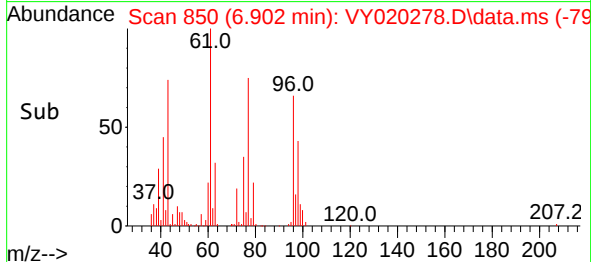
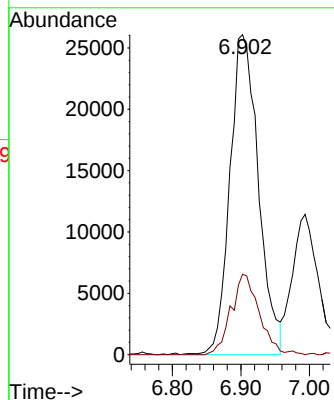
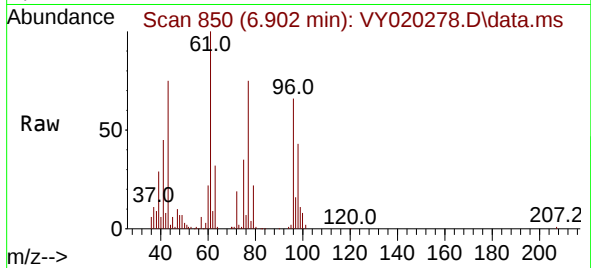




#25
2-Butanone
Concen: 89.960 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

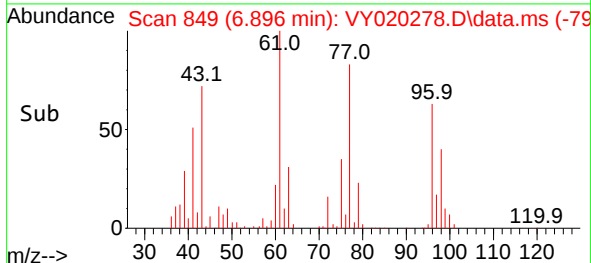
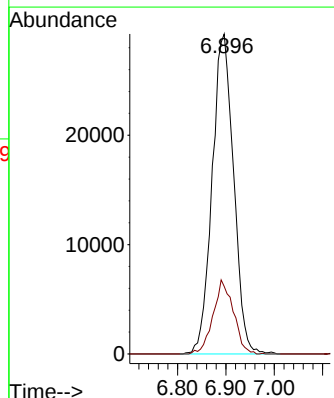
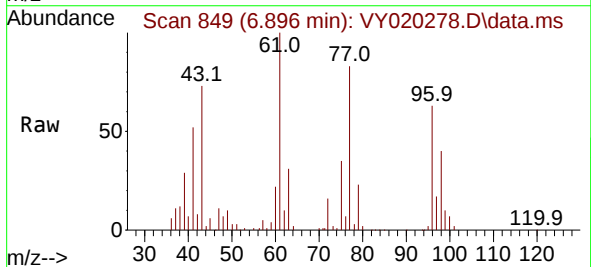
Instrument :
MSVOA_Y
ClientSampleId :

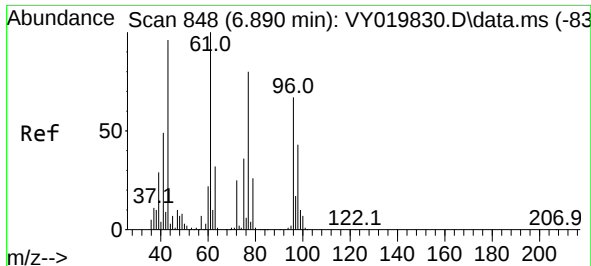
Tgt Ion: 43 Resp: 75525
Ion Ratio Lower Upper
43 100
72 25.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.731 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

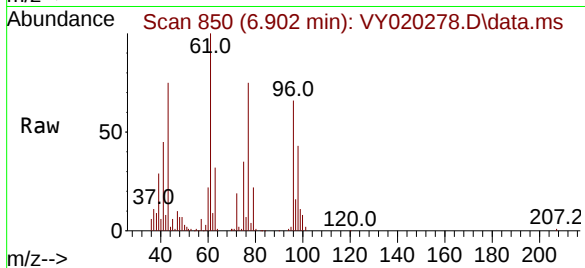
Tgt Ion: 77 Resp: 90263
Ion Ratio Lower Upper
77 100
97 21.9 12.0 36.1



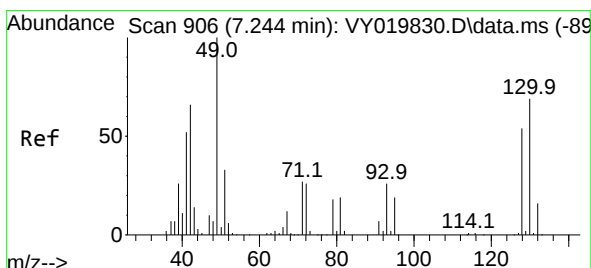
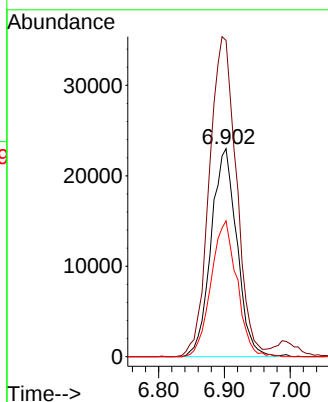
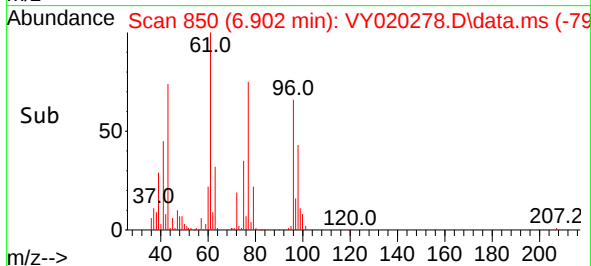


#27
 cis-1,2-Dichloroethene
 Concen: 21.059 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :

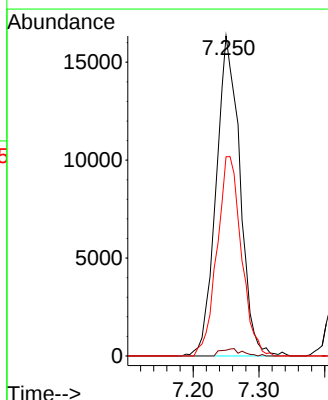
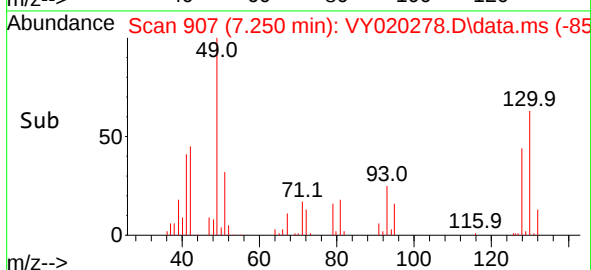
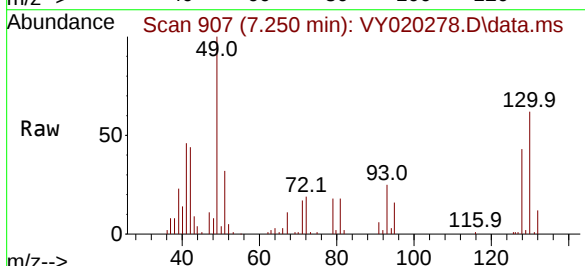


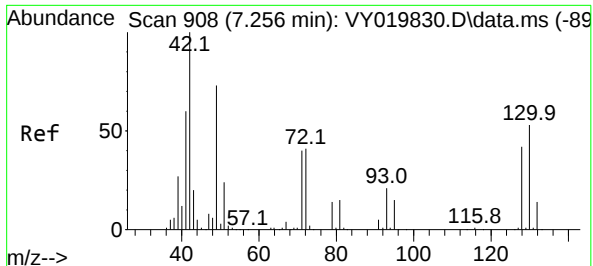
Tgt Ion: 96 Resp: 62868
 Ion Ratio Lower Upper
 96 100
 61 161.5 0.0 256.2
 98 65.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 17.609 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

Tgt Ion: 49 Resp: 41162
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 63.9 72.7 109.1#





#29

Tetrahydrofuran

Concen: 88.536 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020278.D

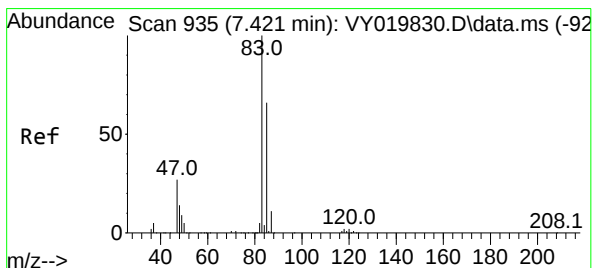
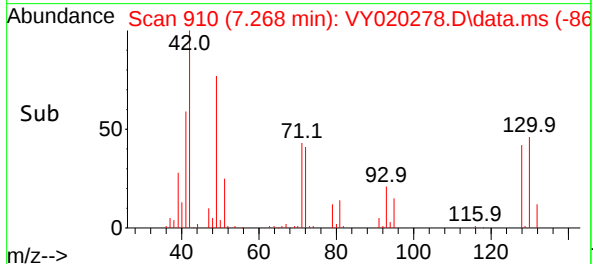
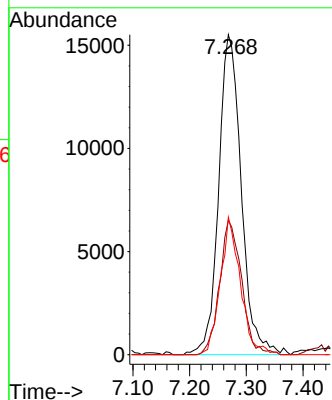
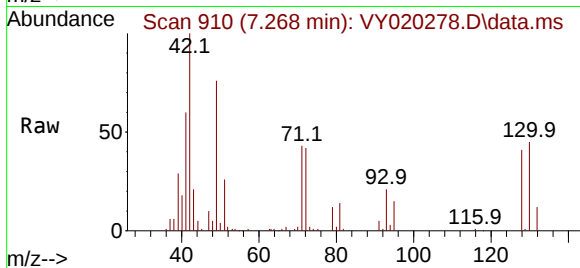
Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 42896
Ion Ratio	Lower Upper
42	100
72	40.9 43.0 64.4#
71	38.5 40.8 61.2#



#30

Chloroform

Concen: 21.582 ug/l

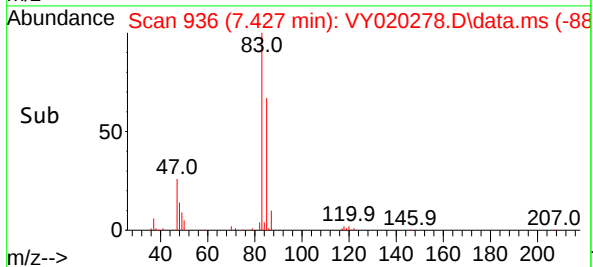
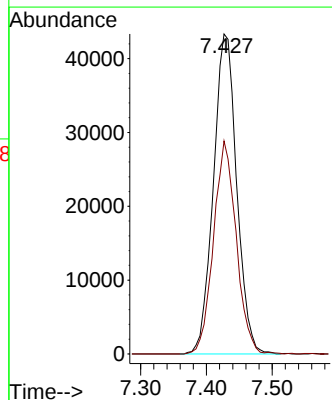
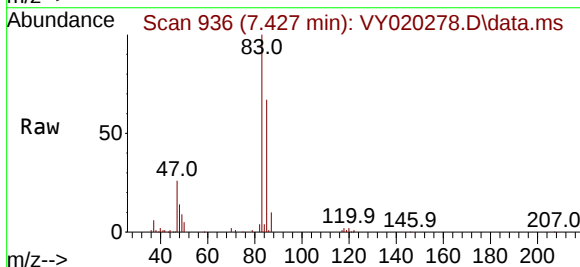
RT: 7.427 min Scan# 936

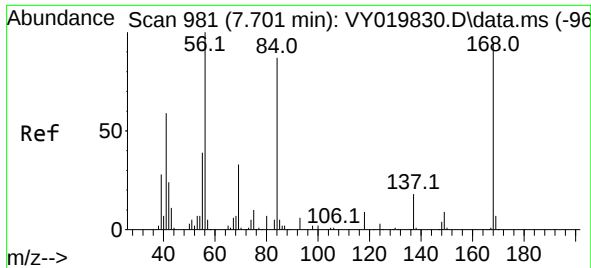
Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Tgt Ion: 83	Resp: 106913
Ion Ratio	Lower Upper
83	100
85	66.6 52.2 78.4

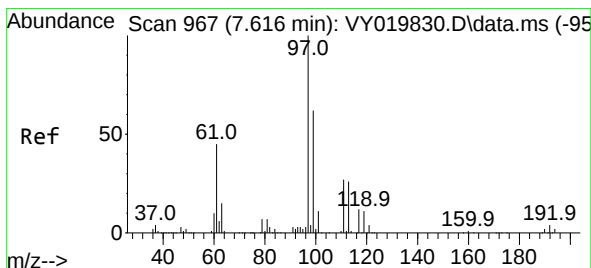
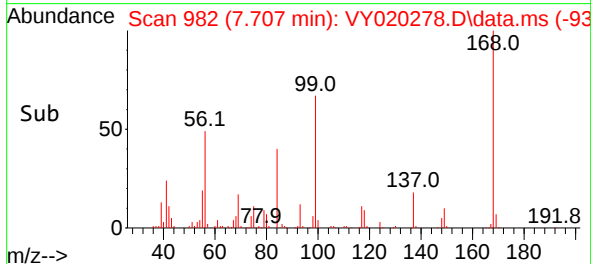
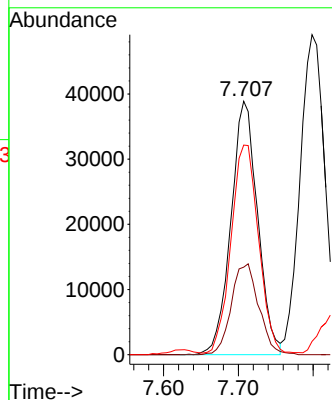
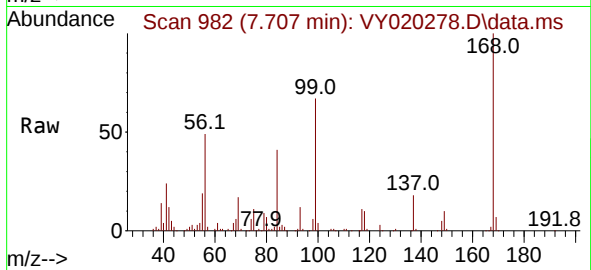




#31
Cyclohexane
Concen: 19.993 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

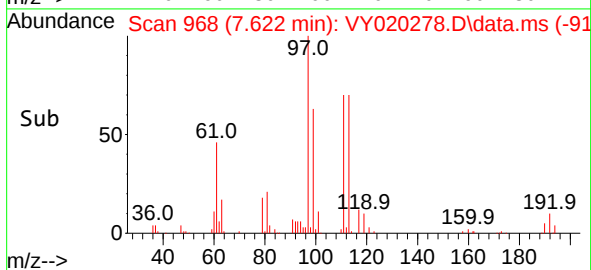
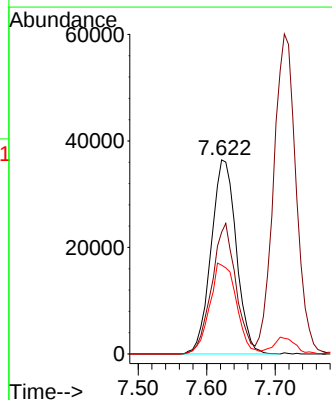
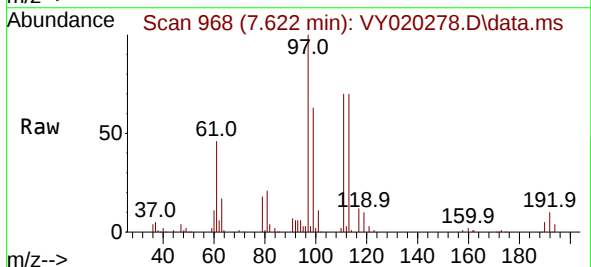
Instrument :
MSVOA_Y
ClientSampleId :

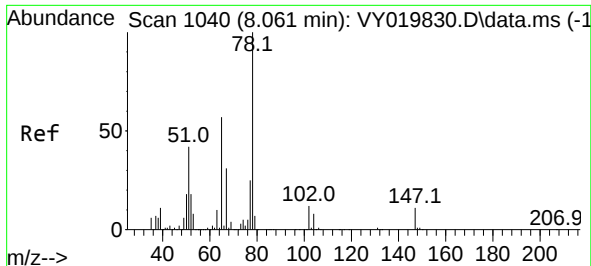
Tgt Ion: 56 Resp: 96628
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 80.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.471 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 97 Resp: 92862
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 49.4 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 68.445 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

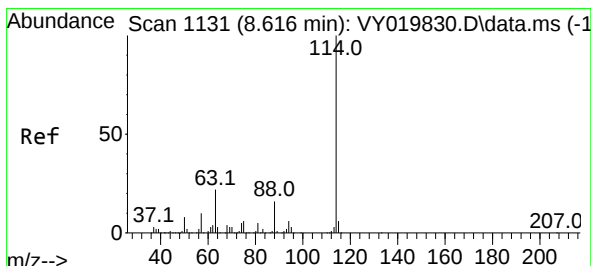
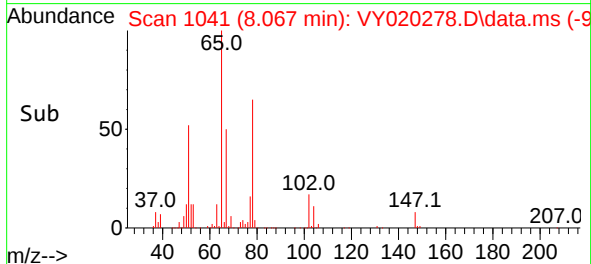
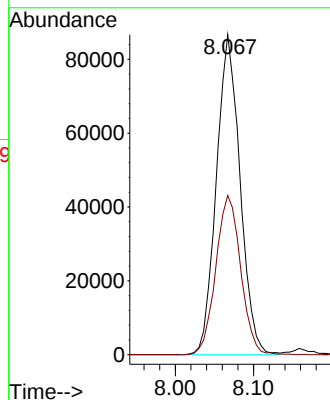
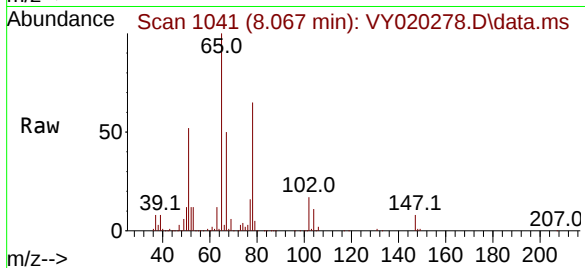
ClientSampleId :

Tgt Ion: 65 Resp: 182283

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

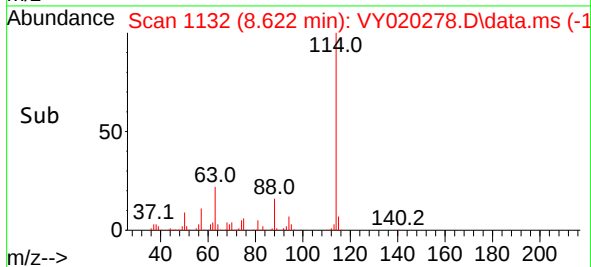
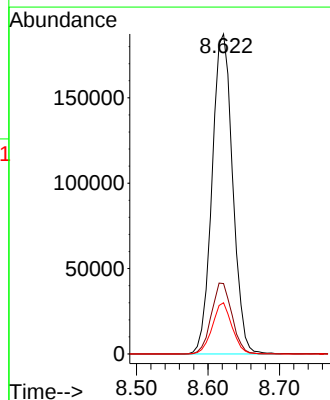
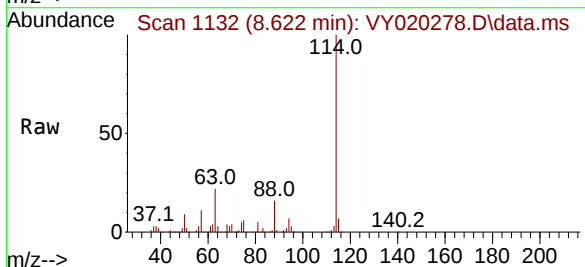
Tgt Ion: 114 Resp: 374930

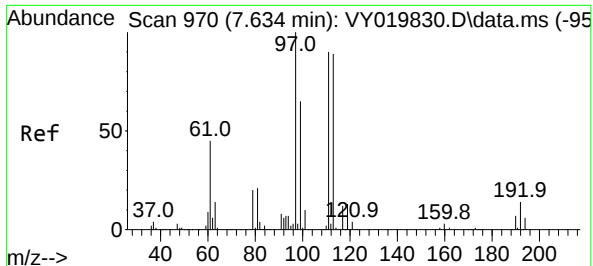
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

88 16.0 0.0 27.2

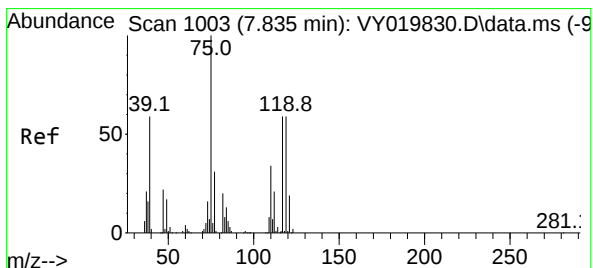
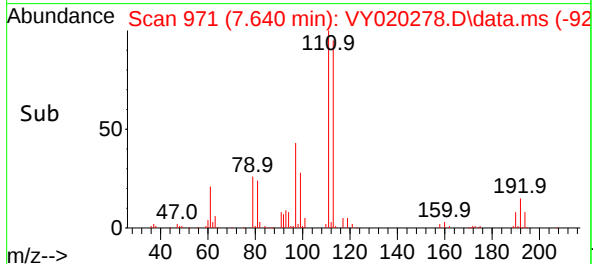
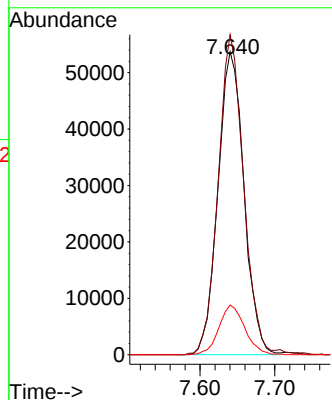
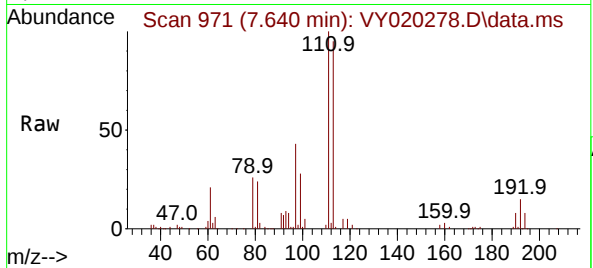




#35
Dibromofluoromethane
Concen: 54.494 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

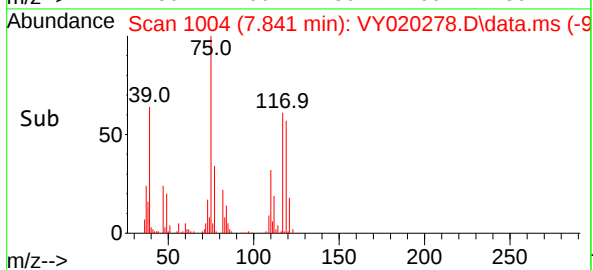
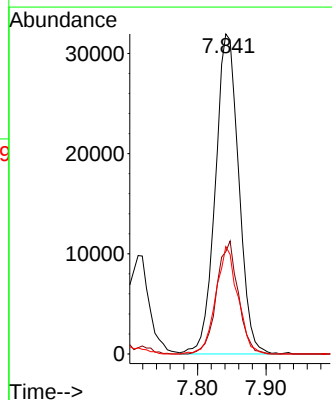
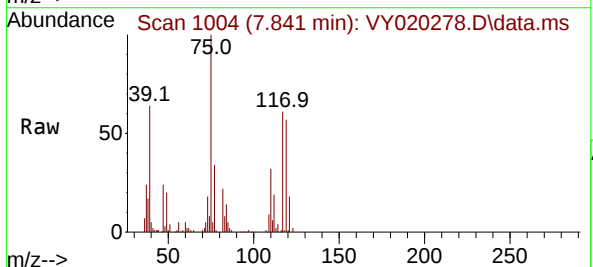
Instrument :
MSVOA_Y
ClientSampleId :

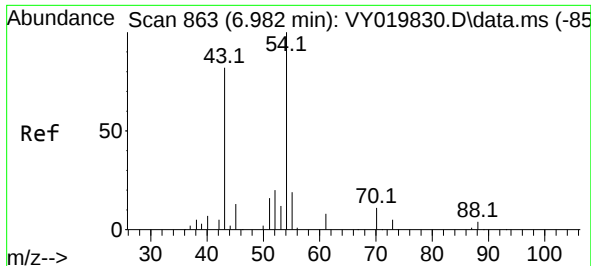
Tgt Ion:113 Resp: 129903
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.588 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 75 Resp: 75812
Ion Ratio Lower Upper
75 100
110 32.6 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 15.717 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

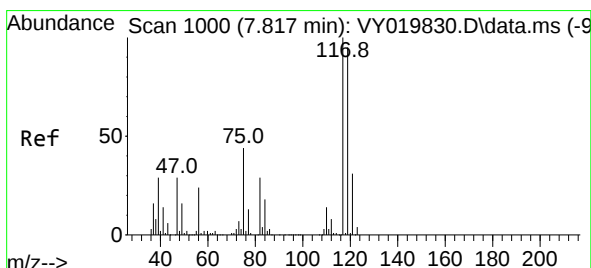
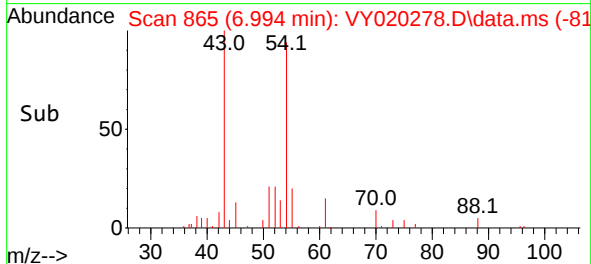
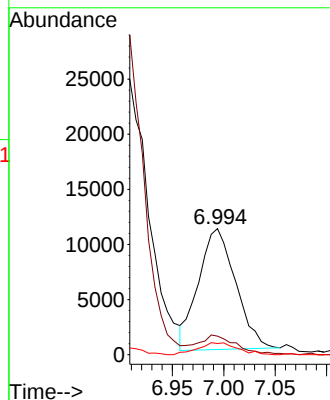
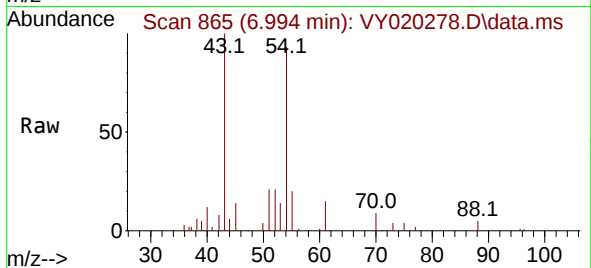
Tgt Ion: 43 Resp: 27593

Ion Ratio Lower Upper

43 100

61 16.3 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.507 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

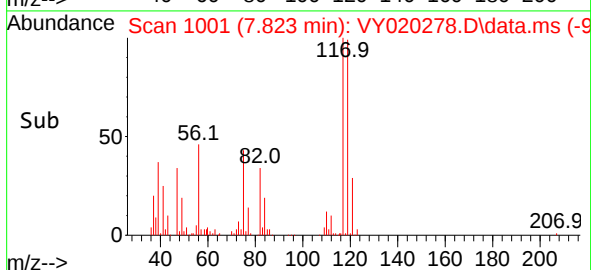
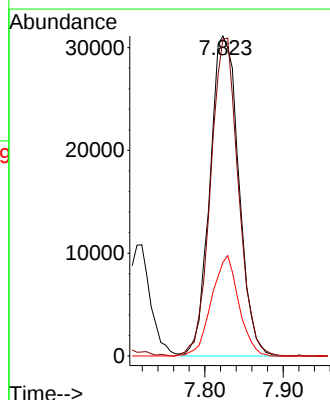
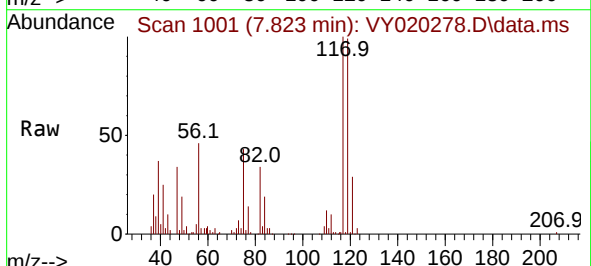
Tgt Ion: 117 Resp: 79641

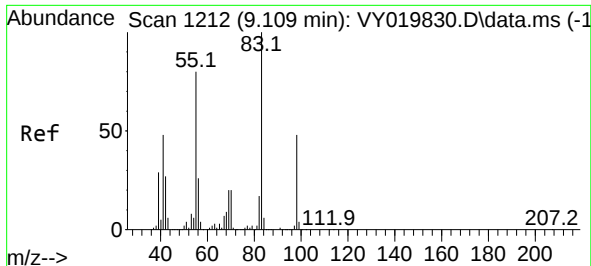
Ion Ratio Lower Upper

117 100

119 98.8 75.8 113.6

121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.427 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

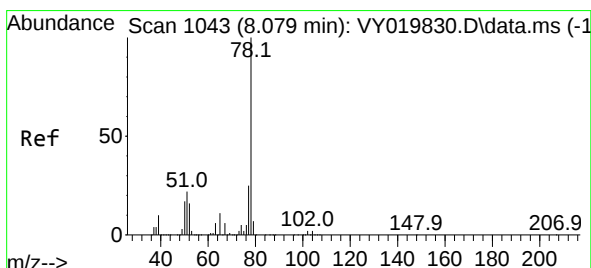
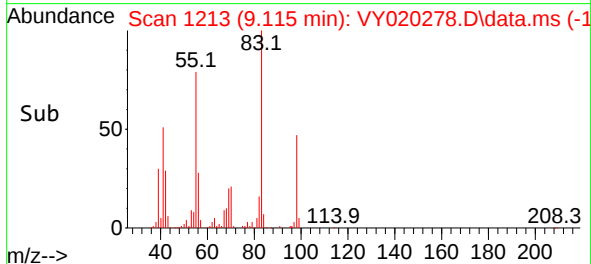
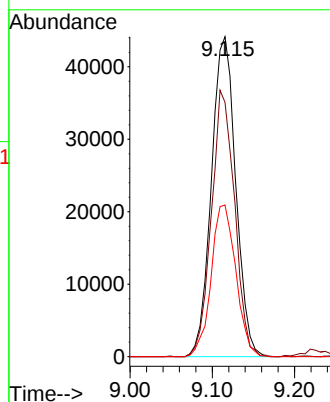
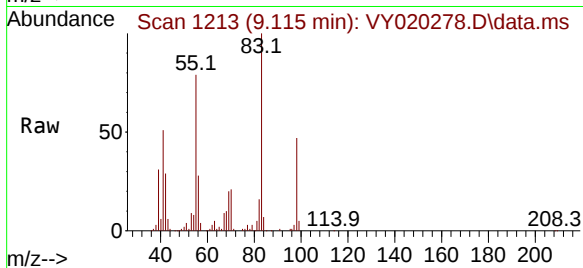
Tgt Ion: 83 Resp: 90794

Ion Ratio Lower Upper

83 100

55 79.5 51.5 77.3#

98 47.4 40.5 60.7



#40

Benzene

Concen: 27.553 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020278.D

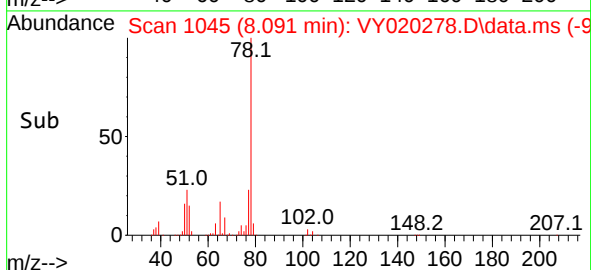
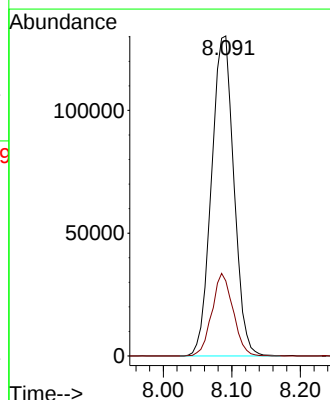
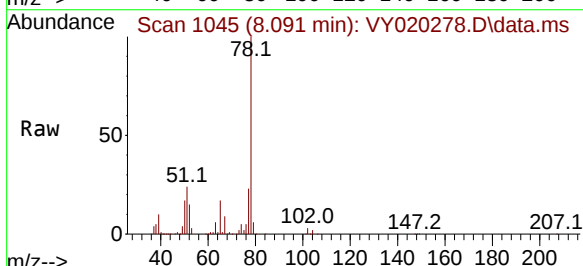
Acq: 13 Nov 2024 12:43

Tgt Ion: 78 Resp: 296147

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

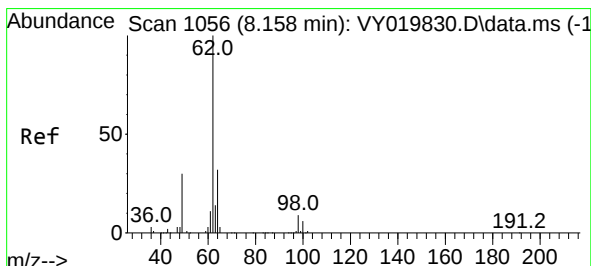
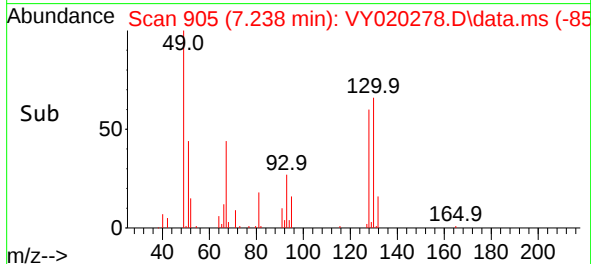
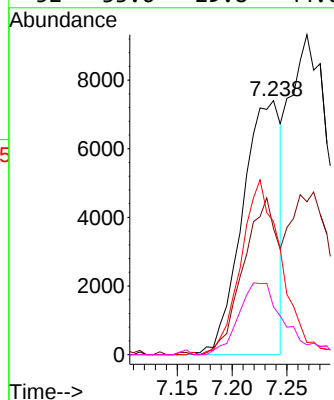
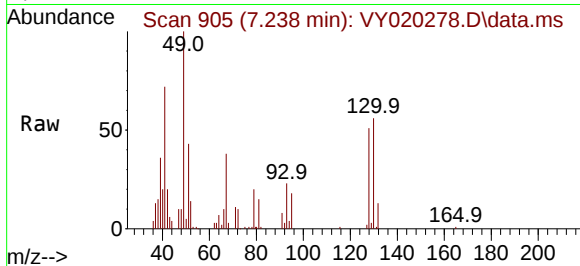




#41
Methacrylonitrile
Concen: 20.424 ug/l
RT: 7.238 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

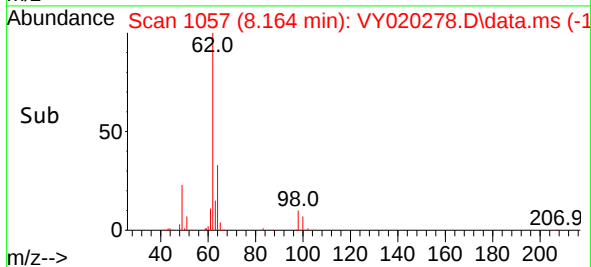
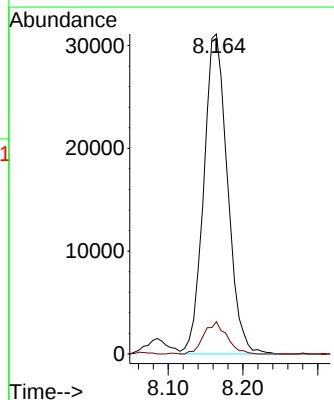
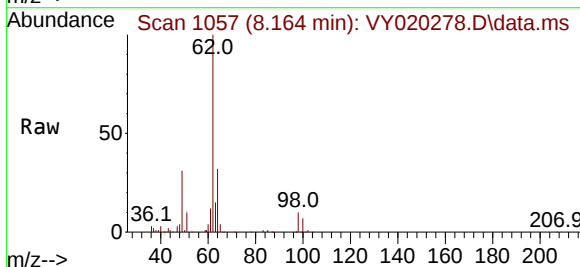
Instrument :
MSVOA_Y
ClientSampleId :

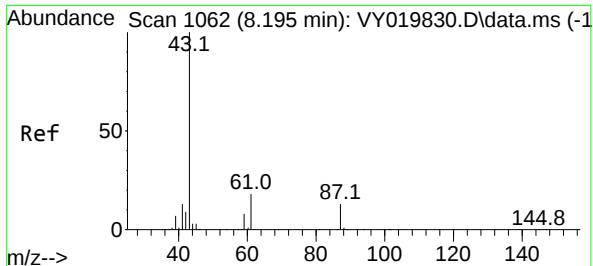
Tgt Ion:	41	Resp:	17962
Ion	Ratio	Lower	Upper
41	100		
39	55.5	48.0	72.0
67	73.0	75.1	112.7#
52	33.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 23.081 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion:	62	Resp:	68668
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	22.0

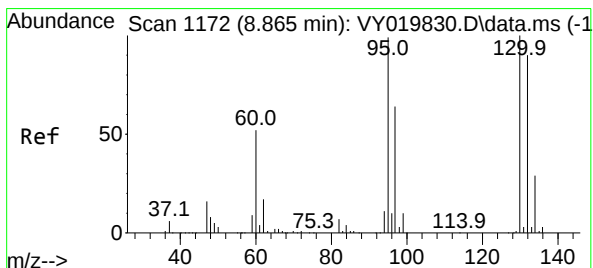
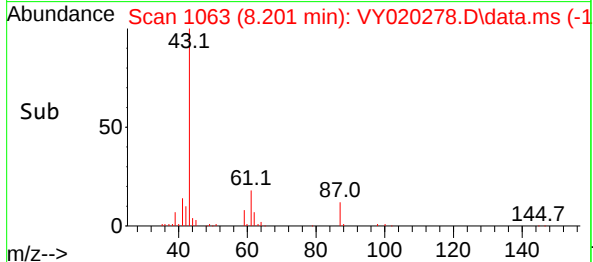
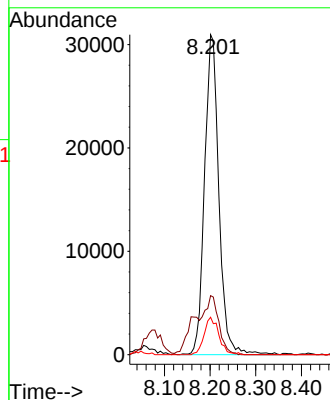
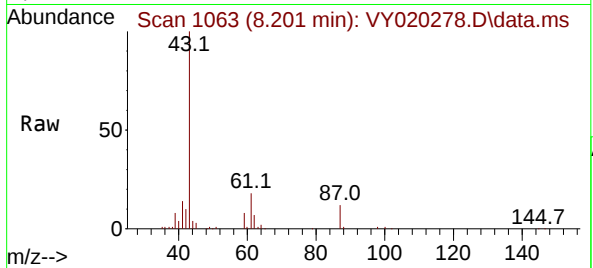




#43
Isopropyl Acetate
Concen: 19.887 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

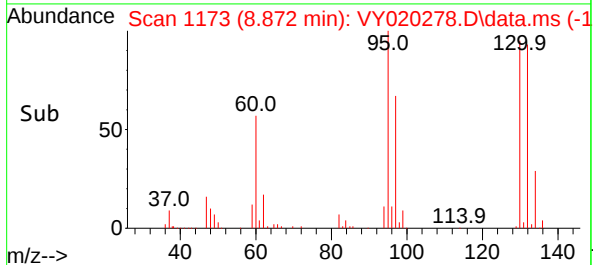
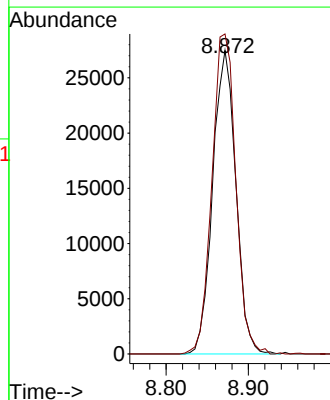
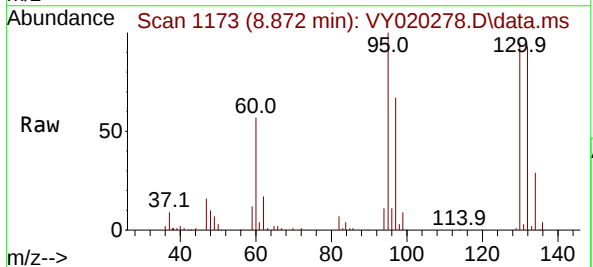
Instrument :
MSVOA_Y
ClientSampleId :

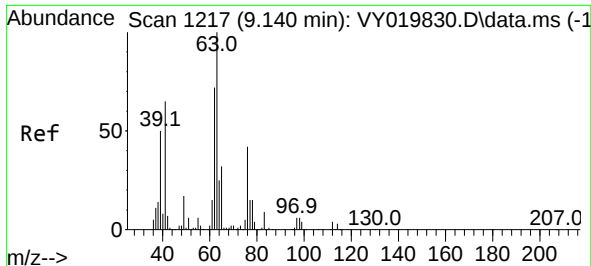
Tgt Ion: 43 Resp: 67141
Ion Ratio Lower Upper
43 100
61 19.2 27.9 41.9#
87 12.0 13.1 19.7#



#44
Trichloroethene
Concen: 21.595 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion:130 Resp: 53796
Ion Ratio Lower Upper
130 100
95 105.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.314 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

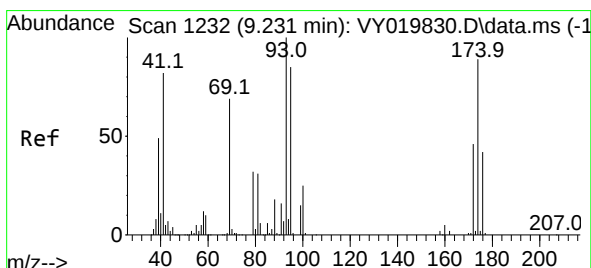
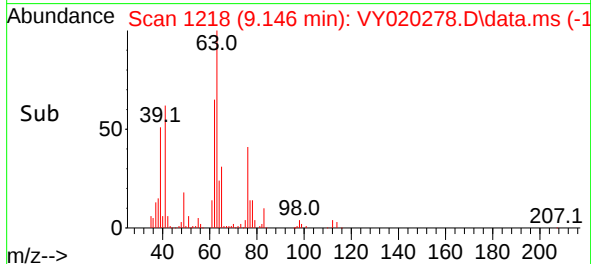
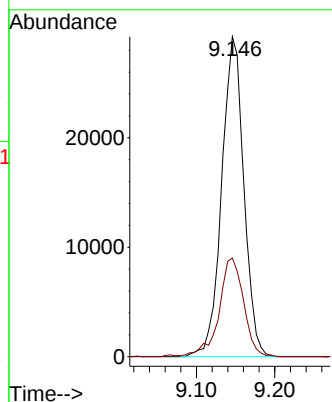
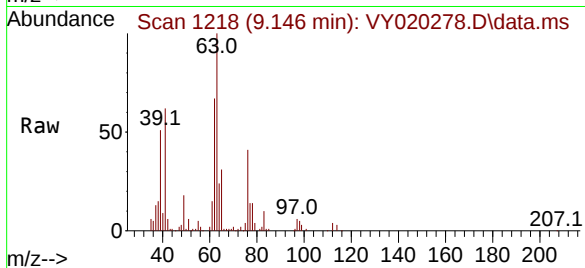
ClientSampleId :

Tgt Ion: 63 Resp: 57383

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 20.234 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

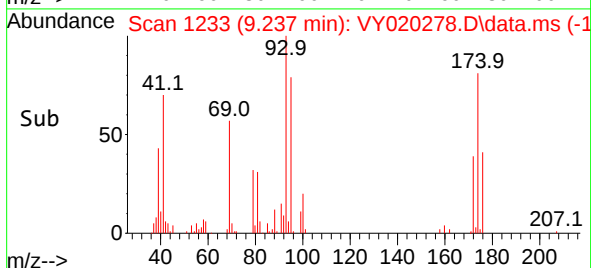
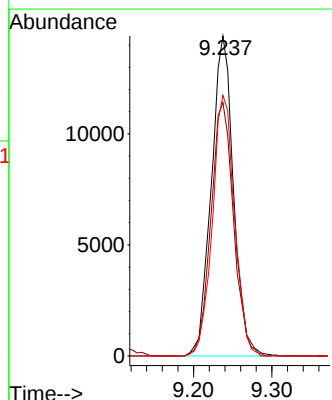
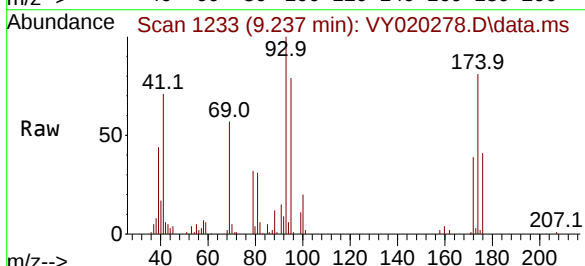
Tgt Ion: 93 Resp: 28194

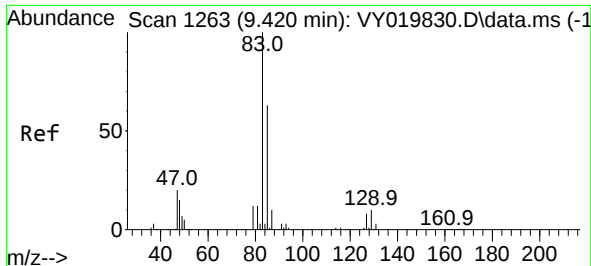
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 81.7 80.9 121.3





#47

Bromodichloromethane

Concen: 21.741 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

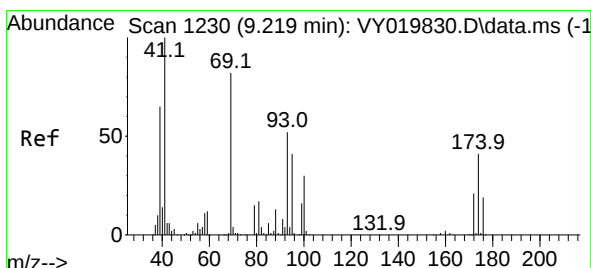
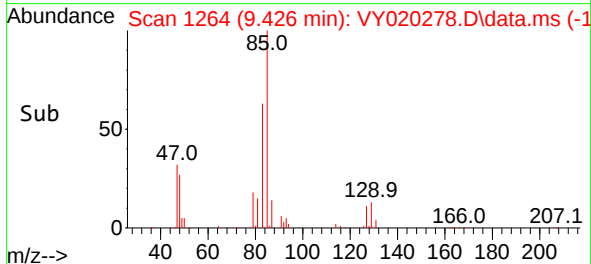
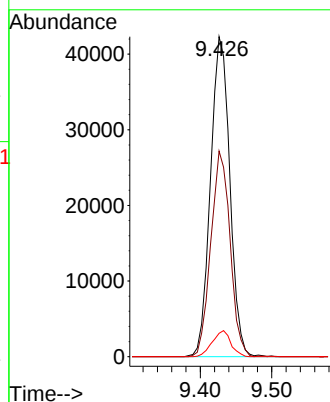
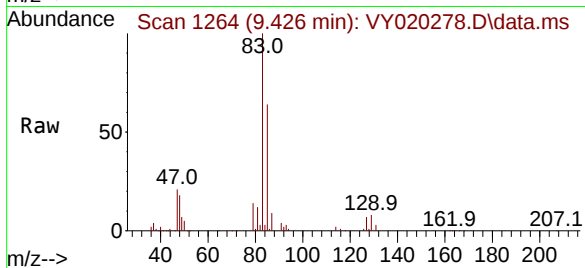
Tgt Ion: 83 Resp: 79361

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

127 7.3 7.4 11.0#



#48

Methyl methacrylate

Concen: 19.204 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

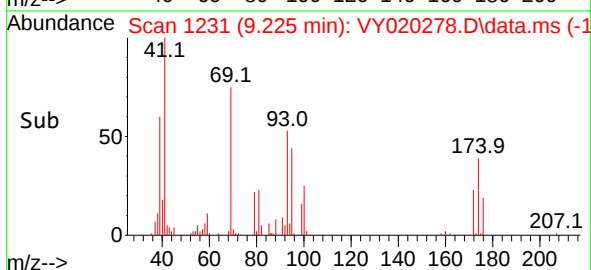
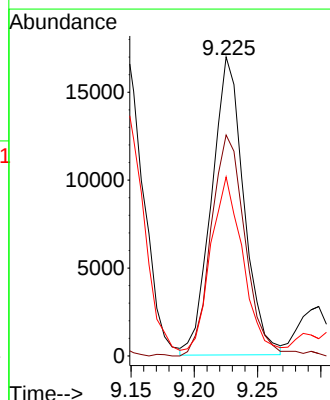
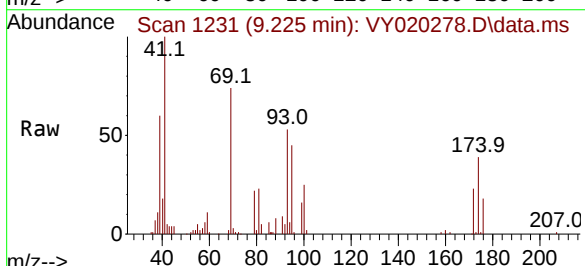
Tgt Ion: 41 Resp: 30031

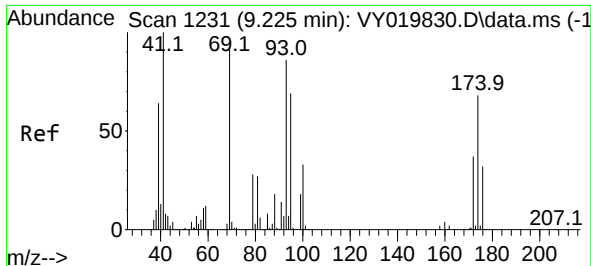
Ion Ratio Lower Upper

41 100

69 78.7 84.1 126.1#

39 57.3 43.6 65.4





#49

1,4-Dioxane

Concen: 329.369 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

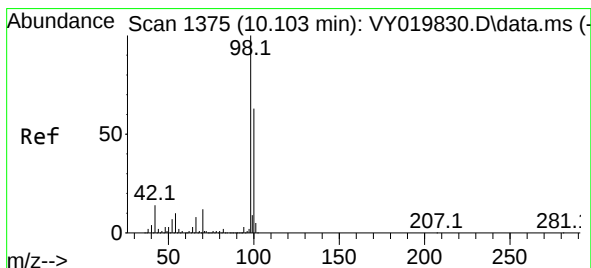
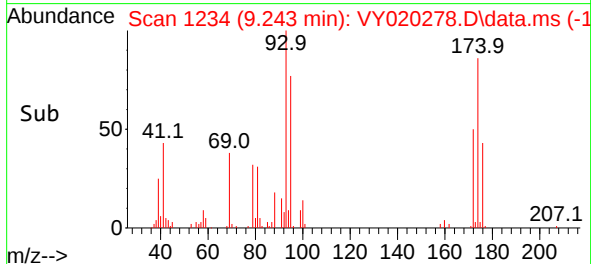
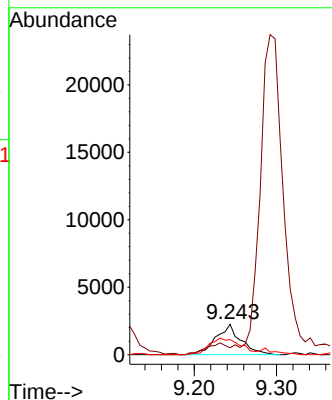
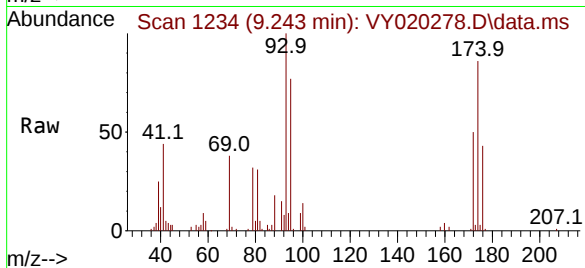
Tgt Ion: 88 Resp: 4725

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 68.0 49.3 73.9



#50

Toluene-d8

Concen: 67.249 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020278.D

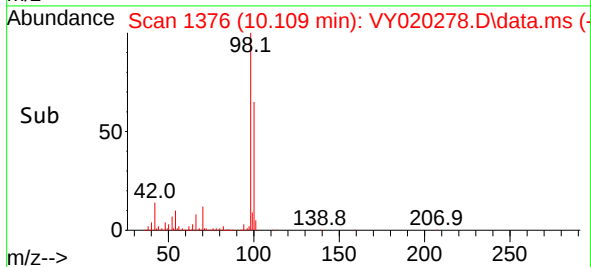
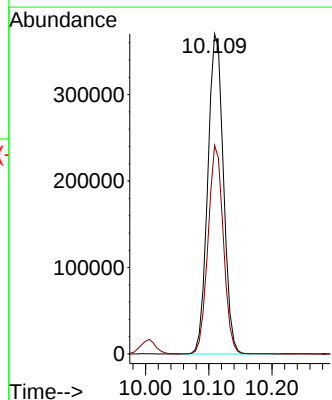
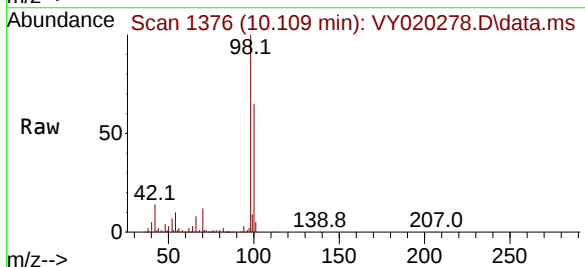
Acq: 13 Nov 2024 12:43

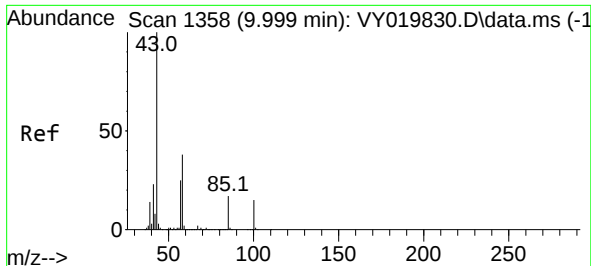
Tgt Ion: 98 Resp: 638096

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 120.027 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

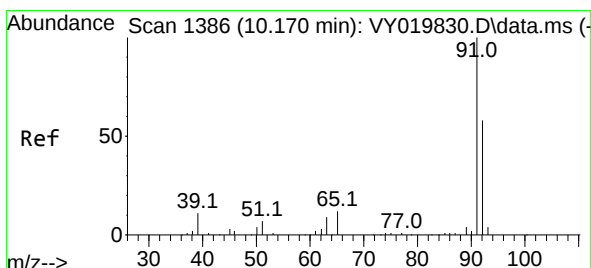
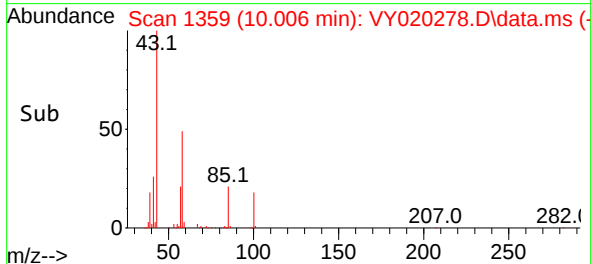
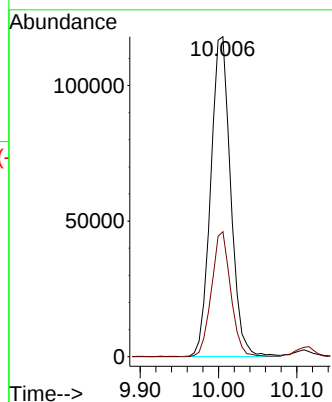
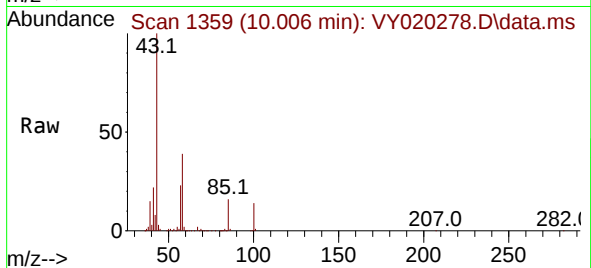
ClientSampleId :

Tgt Ion: 43 Resp: 208797

Ion Ratio Lower Upper

43 100

58 37.7 35.7 53.5



#52

Toluene

Concen: 22.264 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020278.D

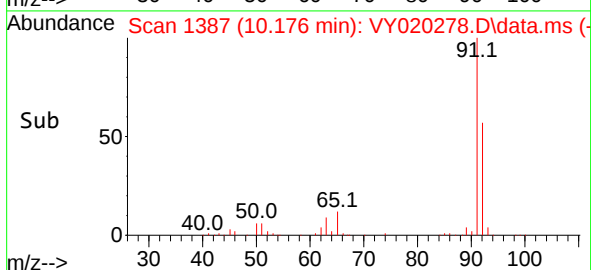
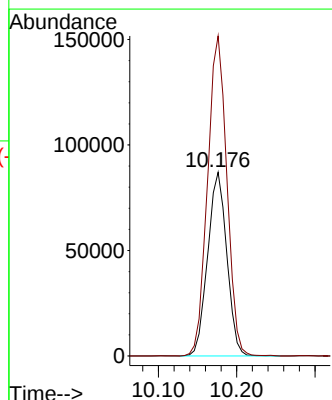
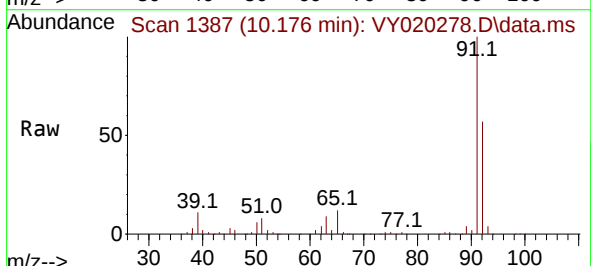
Acq: 13 Nov 2024 12:43

Tgt Ion: 92 Resp: 147514

Ion Ratio Lower Upper

92 100

91 176.1 139.0 208.6

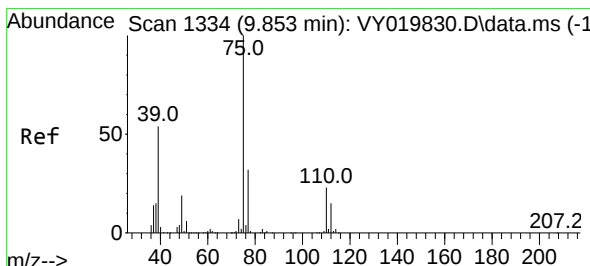
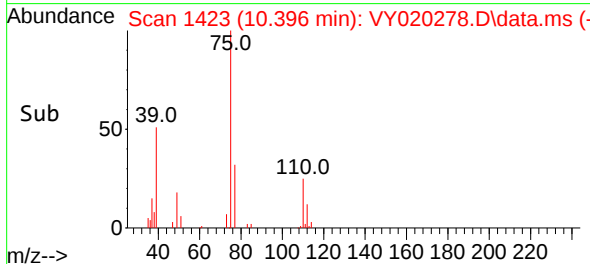
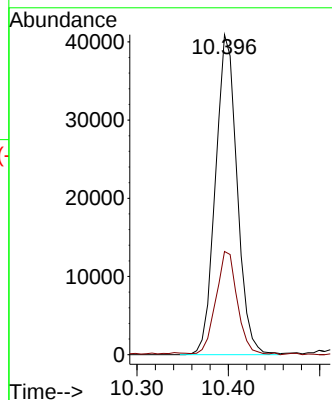
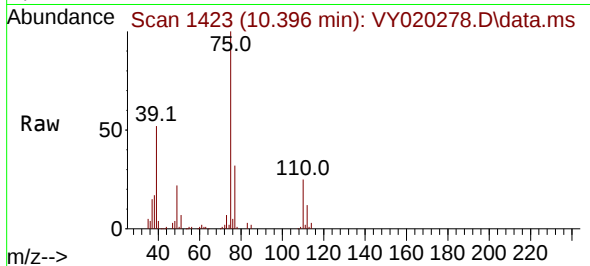




#53
 t-1,3-Dichloropropene
 Concen: 20.884 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

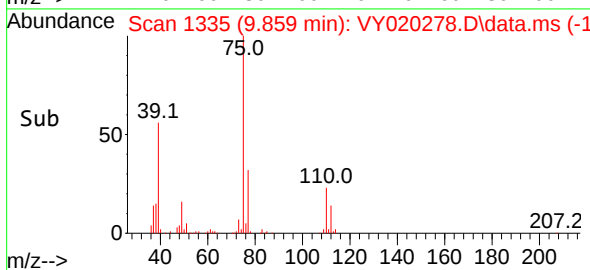
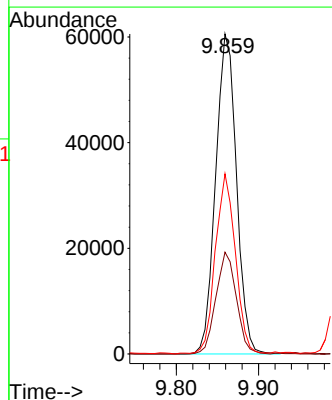
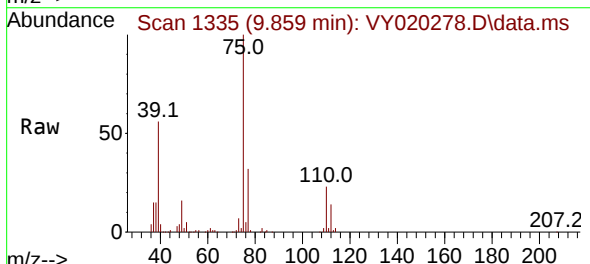
Instrument :
 MSVOA_Y
 ClientSampleId :

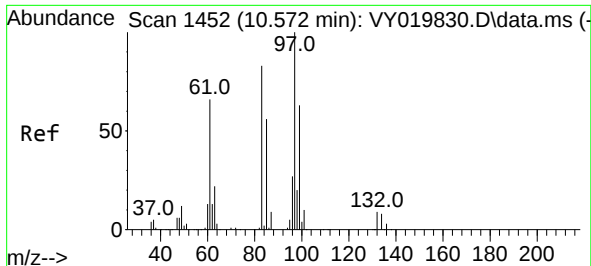
Tgt Ion: 75 Resp: 67316
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 27.703 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020278.D
 Acq: 13 Nov 2024 12:43

Tgt Ion: 75 Resp: 106585
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 56.0 29.8 44.6#

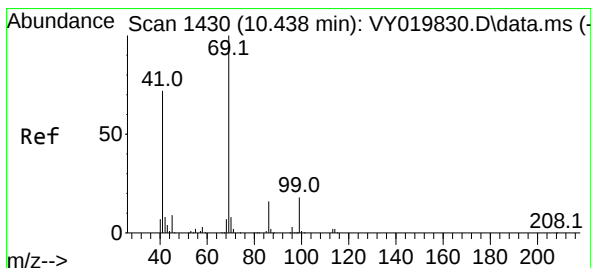
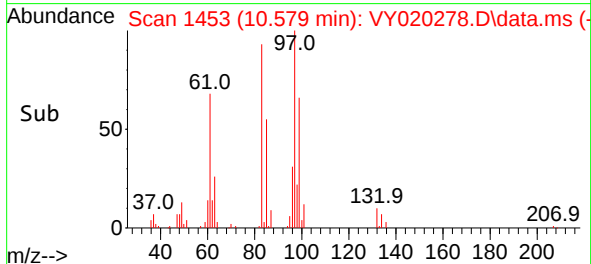
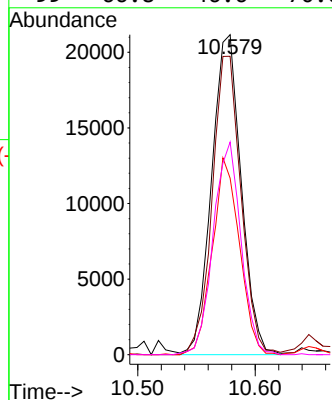
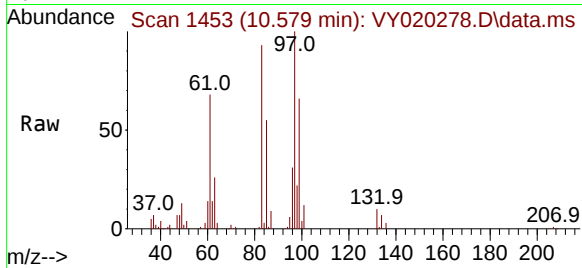




#55
1,1,2-Trichloroethane
Concen: 21.356 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

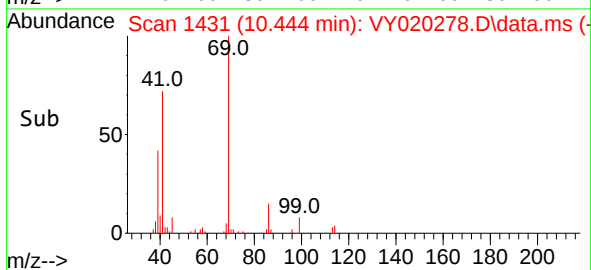
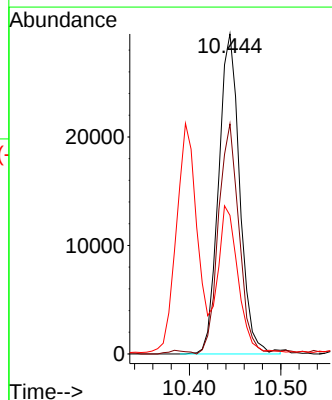
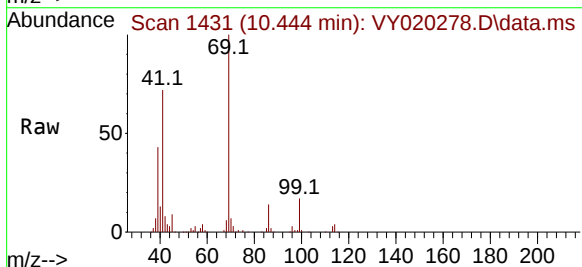
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97	Resp: 36999
Ion Ratio	Lower Upper
97 100	
83 93.8	67.5 101.3
85 55.5	42.9 64.3
99 66.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.074 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 69	Resp: 47402		
Ion Ratio	Lower	Upper	
69 100			
41 70.0	42.3	63.5#	
39 45.2	22.9	34.3#	





#57

1,3-Dichloropropane

Concen: 20.587 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

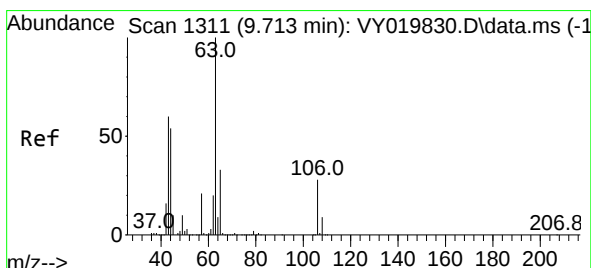
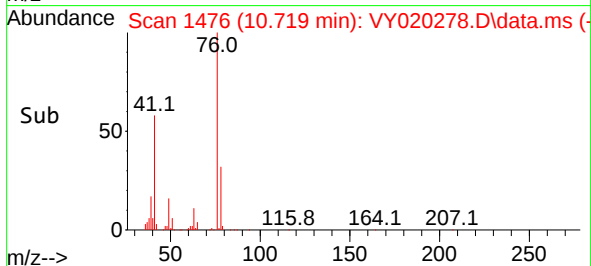
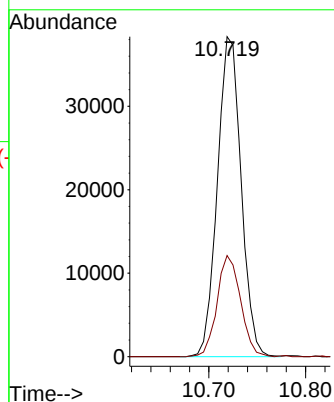
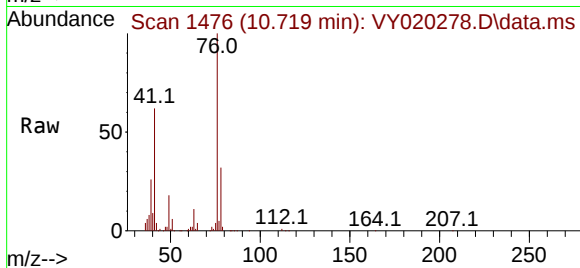
ClientSampleId :

Tgt Ion: 76 Resp: 65316

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 123.566 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020278.D

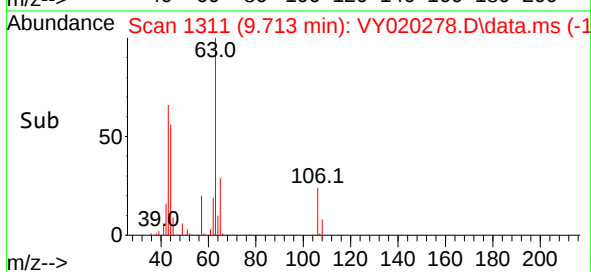
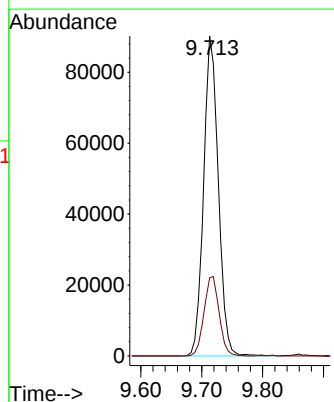
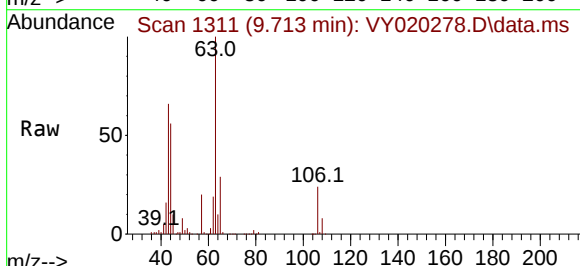
Acq: 13 Nov 2024 12:43

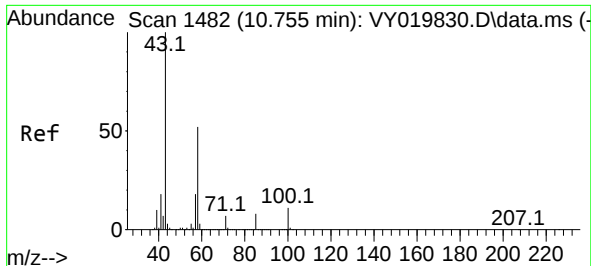
Tgt Ion: 63 Resp: 151443

Ion Ratio Lower Upper

63 100

106 25.5 23.7 35.5

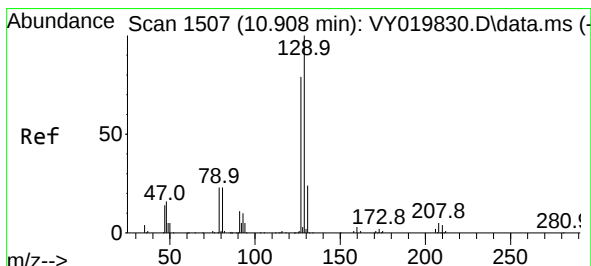
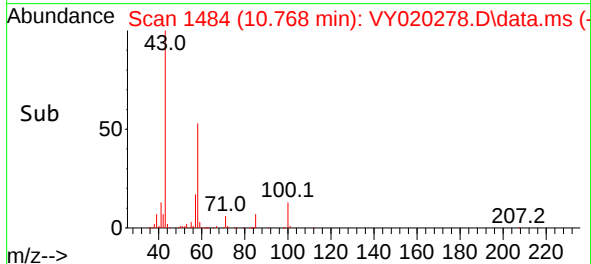
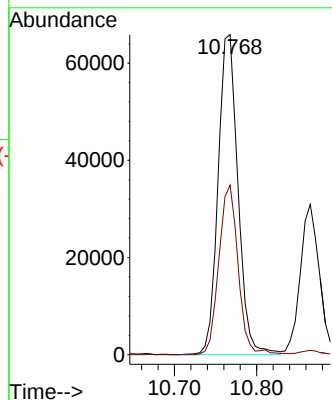
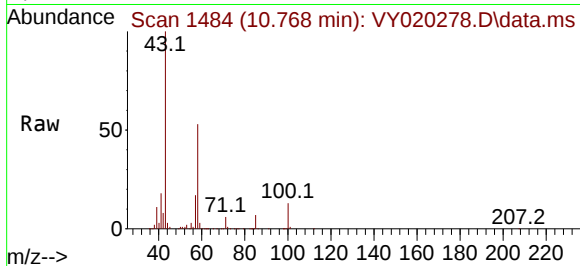




#59
2-Hexanone
Concen: 88.670 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

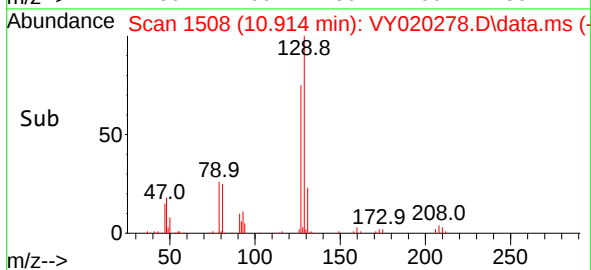
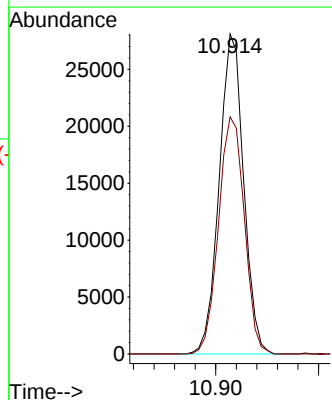
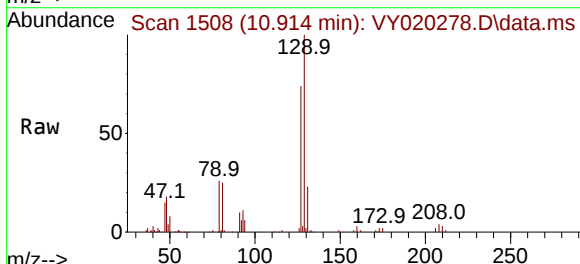
Instrument :
MSVOA_Y
ClientSampleId :

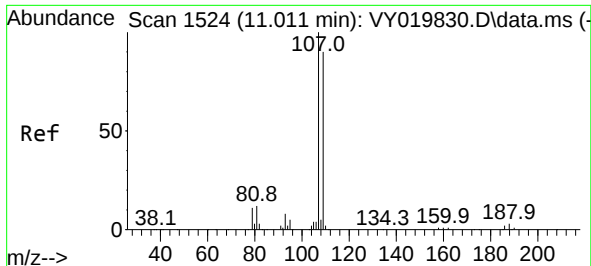
Tgt Ion: 43 Resp: 110584
Ion Ratio Lower Upper
43 100
58 51.5 31.4 94.0



#60
Dibromochloromethane
Concen: 20.970 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 129 Resp: 46309
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

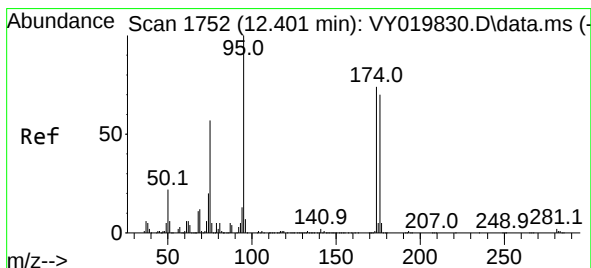
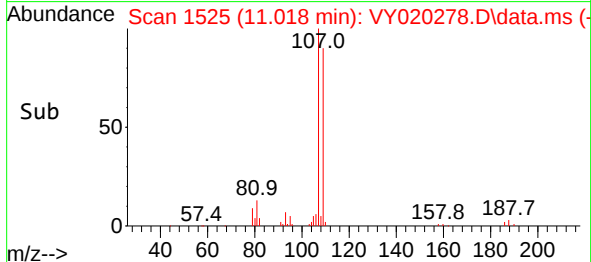
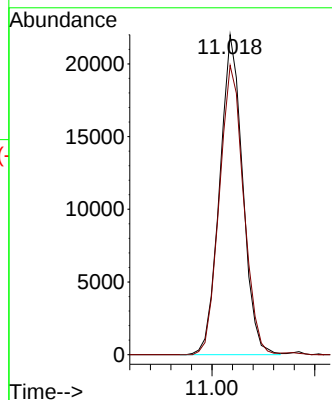
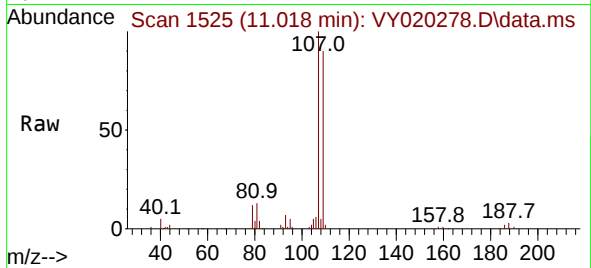




#61
1,2-Dibromoethane
Concen: 21.217 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

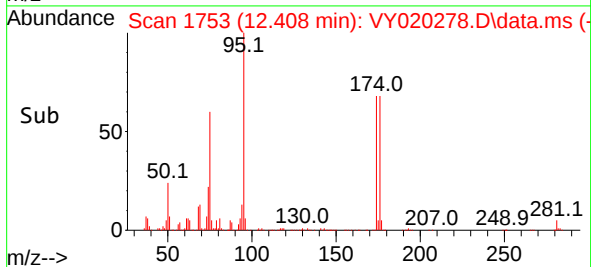
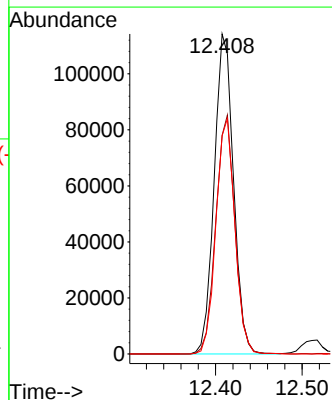
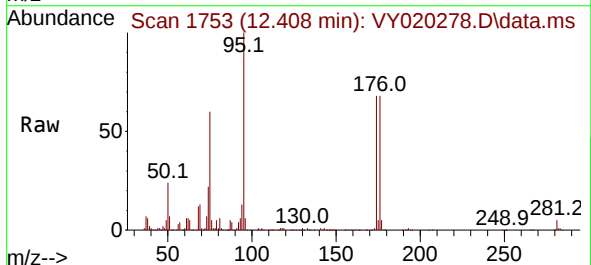
Instrument :
MSVOA_Y
ClientSampleId :

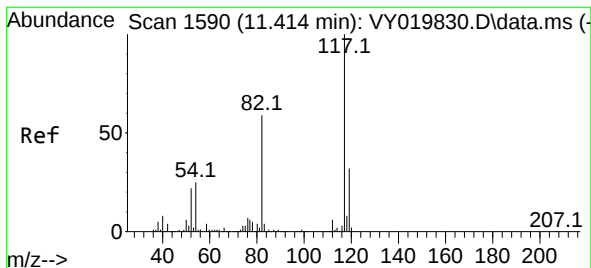
Tgt Ion:107 Resp: 34150
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.350 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 95 Resp: 176753
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

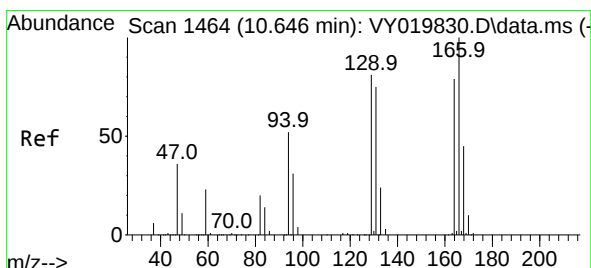
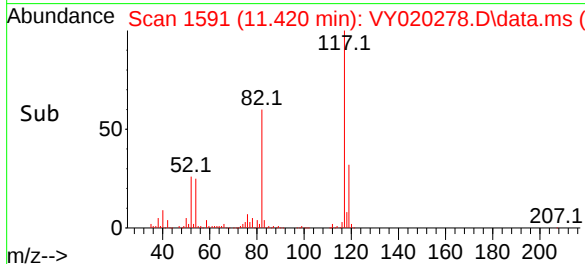
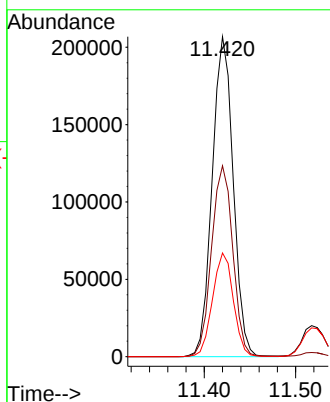
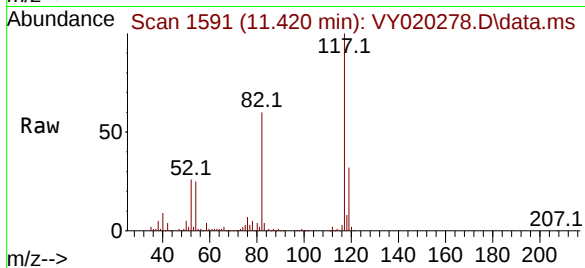
Tgt Ion:117 Resp: 330277

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 22.740 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Tgt Ion:164 Resp: 49590

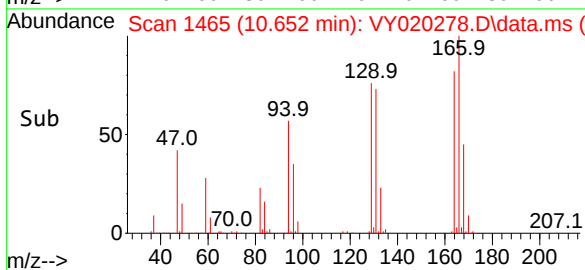
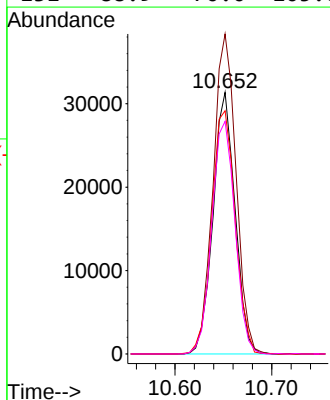
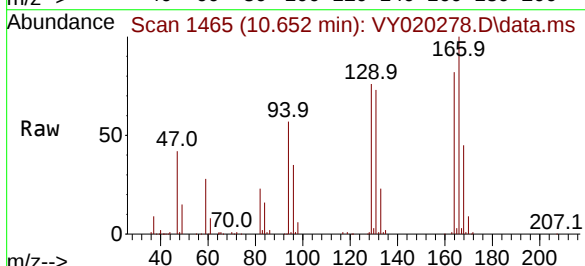
Ion Ratio Lower Upper

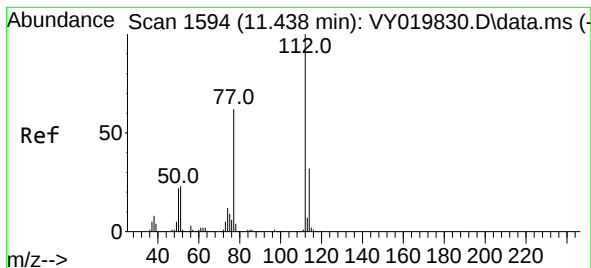
164 100

166 122.3 102.6 154.0

129 93.0 72.0 108.0

131 88.9 70.0 105.0





#65

Chlorobenzene

Concen: 20.828 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

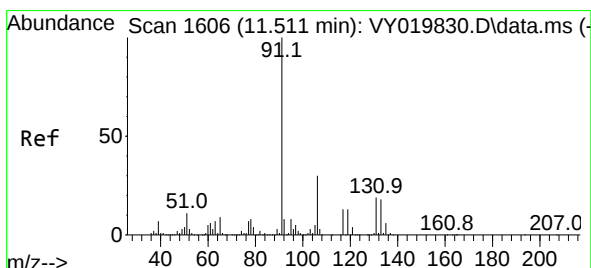
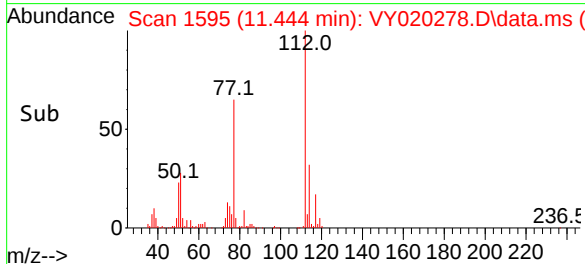
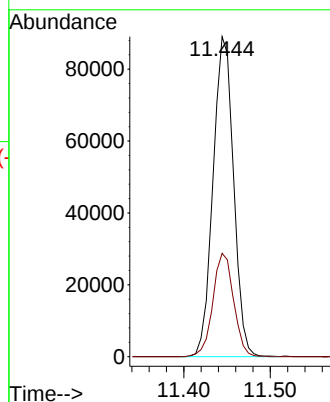
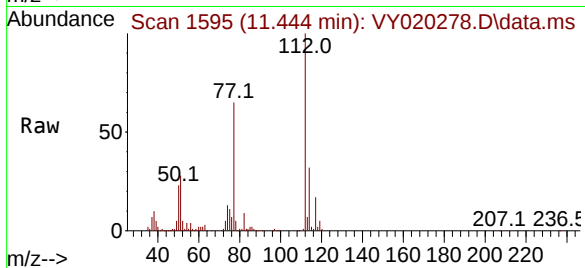
ClientSampleId :

Tgt Ion:112 Resp: 146573

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.356 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

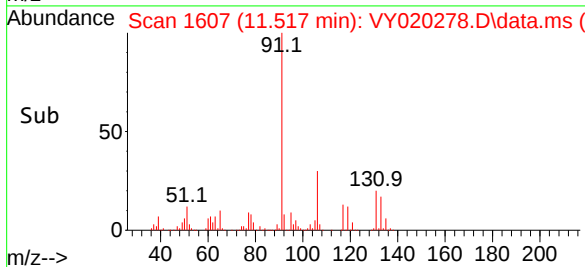
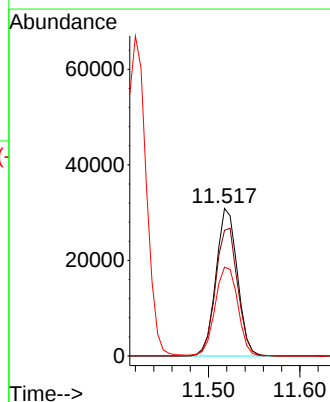
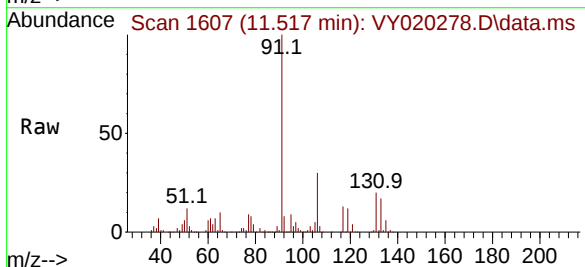
Tgt Ion:131 Resp: 50266

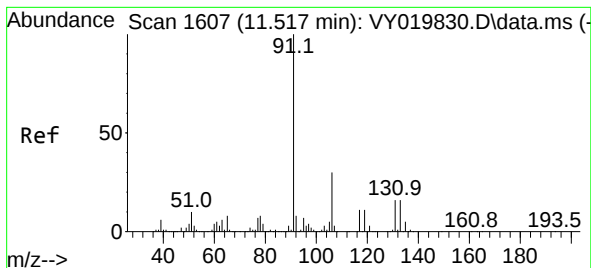
Ion Ratio Lower Upper

131 100

133 89.9 47.8 143.3

119 64.2 34.1 102.2





#67

Ethyl Benzene

Concen: 20.847 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

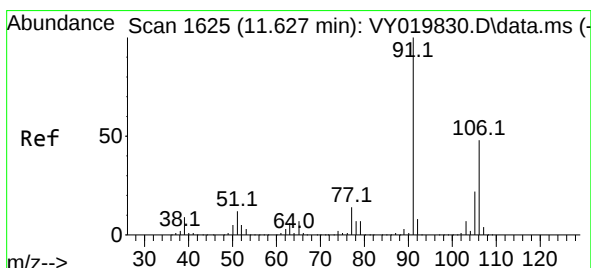
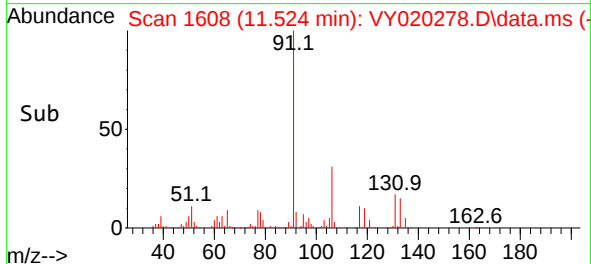
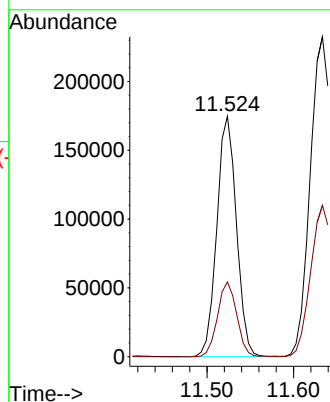
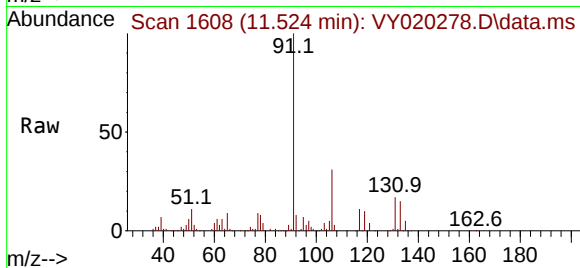
ClientSampleId :

Tgt Ion: 91 Resp: 274241

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 41.345 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020278.D

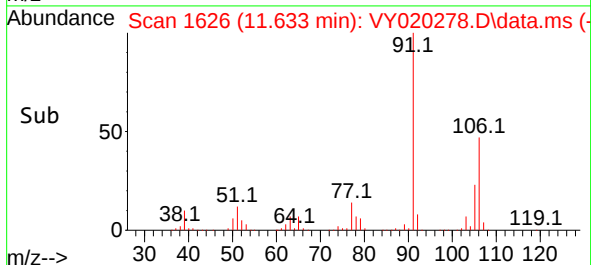
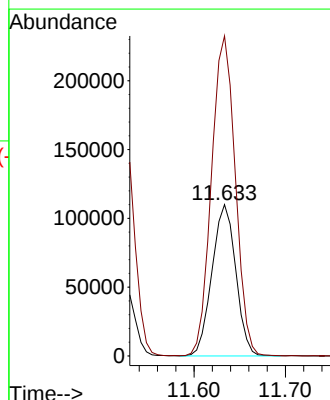
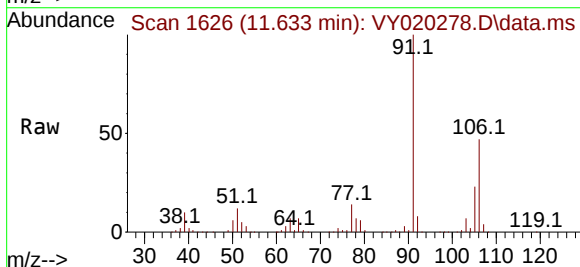
Acq: 13 Nov 2024 12:43

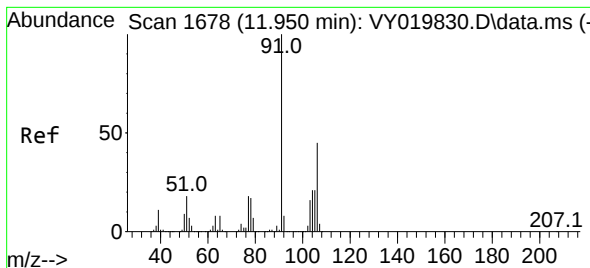
Tgt Ion:106 Resp: 198994

Ion Ratio Lower Upper

106 100

91 211.8 156.0 234.0





#69

o-Xylene

Concen: 20.999 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

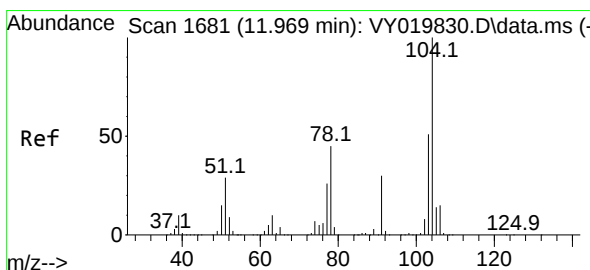
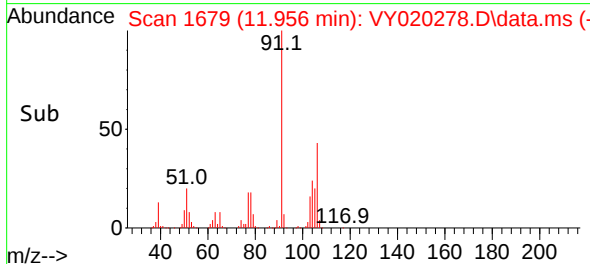
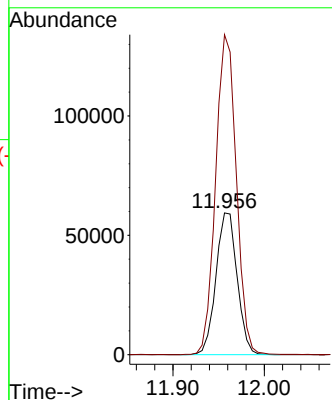
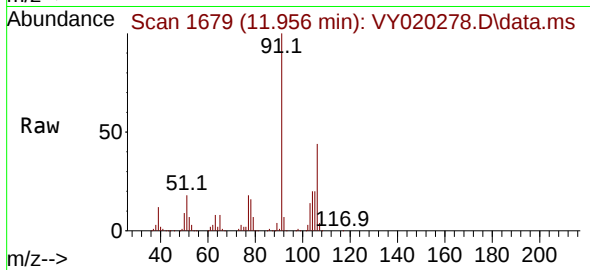
ClientSampleId :

Tgt Ion:106 Resp: 95689

Ion Ratio Lower Upper

106 100

91 220.8 103.6 310.8



#70

Styrene

Concen: 21.338 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

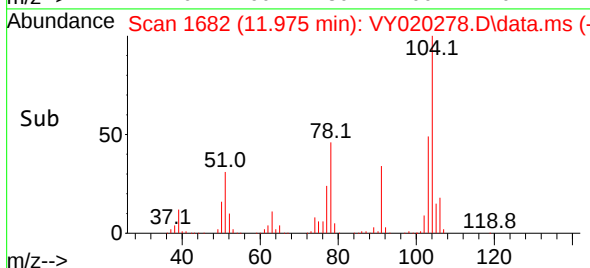
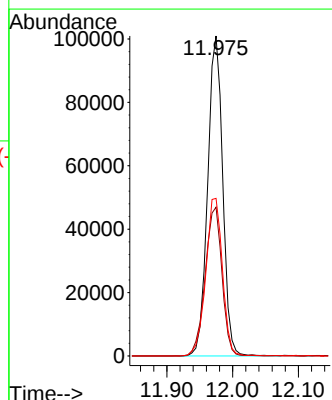
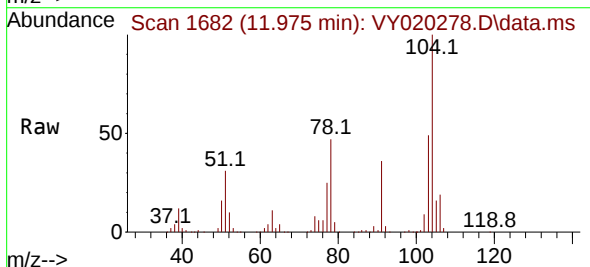
Tgt Ion:104 Resp: 160769

Ion Ratio Lower Upper

104 100

78 52.0 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 25.468 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

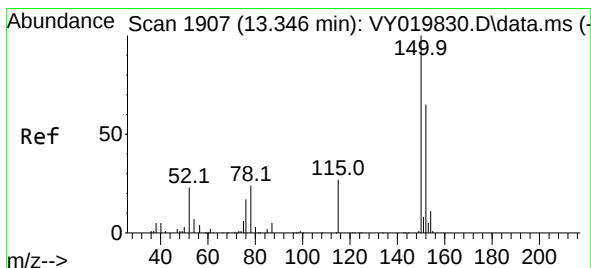
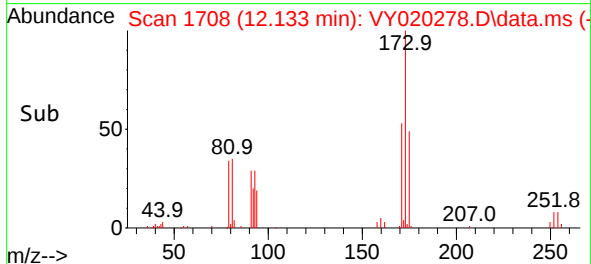
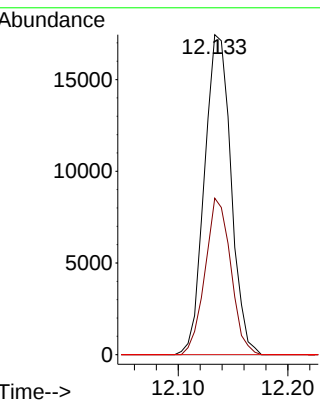
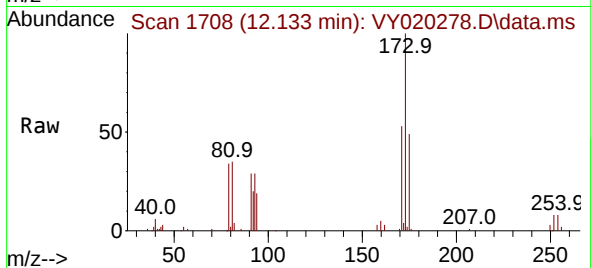
Tgt Ion:173 Resp: 29377

Ion Ratio Lower Upper

173 100

175 47.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

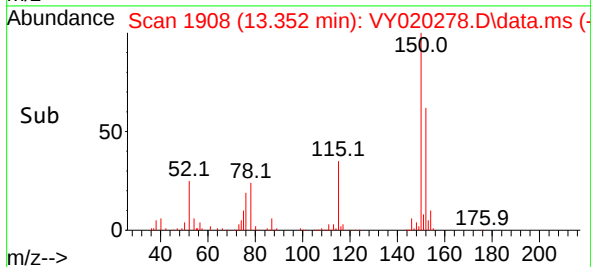
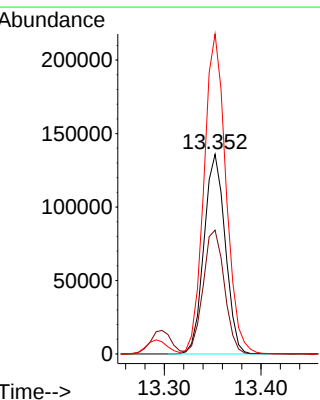
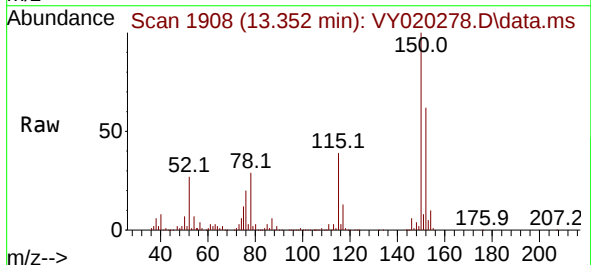
Tgt Ion:152 Resp: 207051

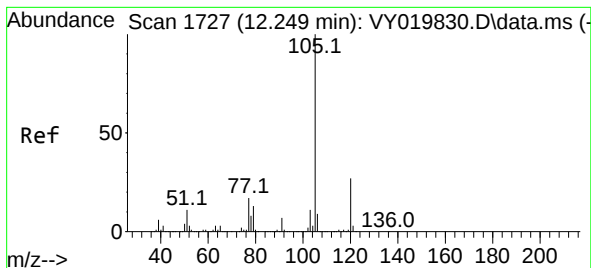
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 166.0 0.0 345.6





#73

Isopropylbenzene

Concen: 16.001 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

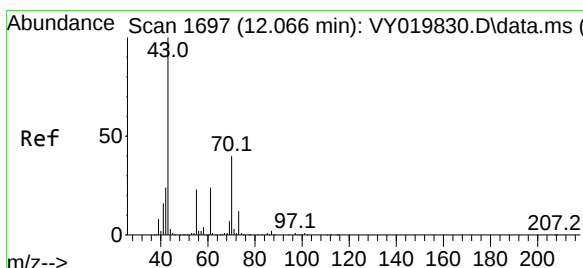
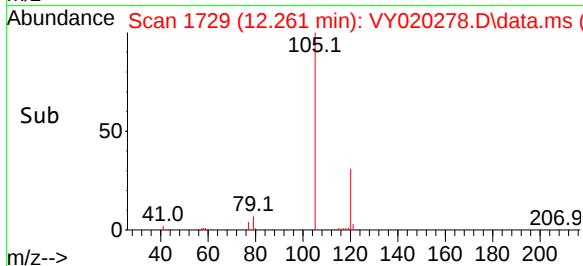
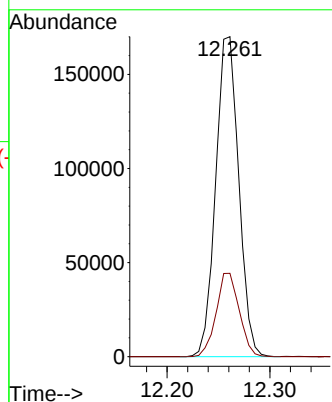
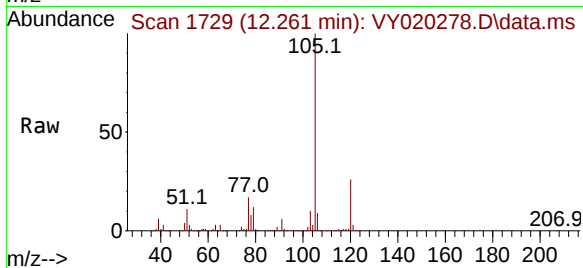
ClientSampleId :

Tgt Ion:105 Resp: 264655

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 15.624 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Tgt Ion: 43 Resp: 64599

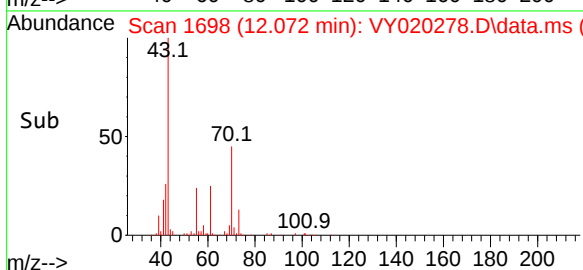
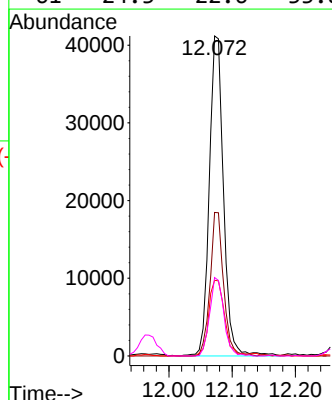
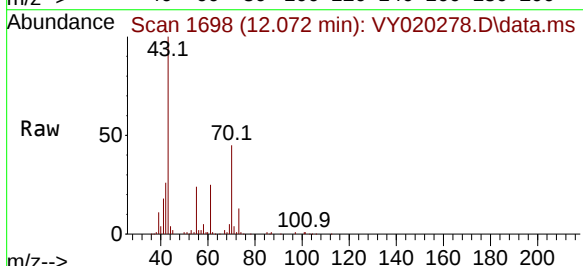
Ion Ratio Lower Upper

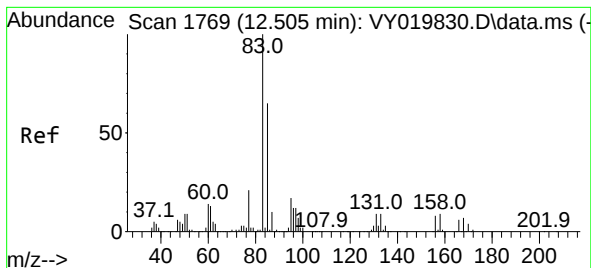
43 100

70 42.3 41.4 62.2

55 26.0 23.3 34.9

61 24.3 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 16.354 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

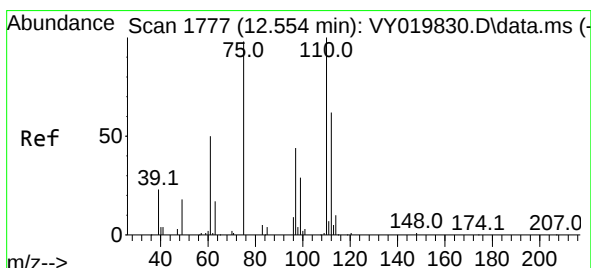
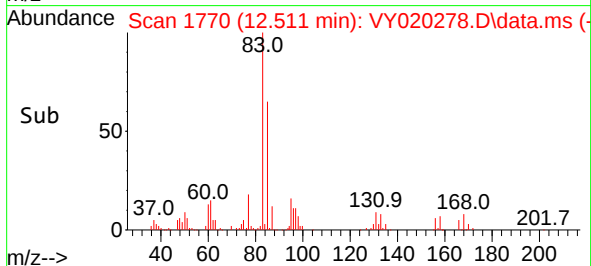
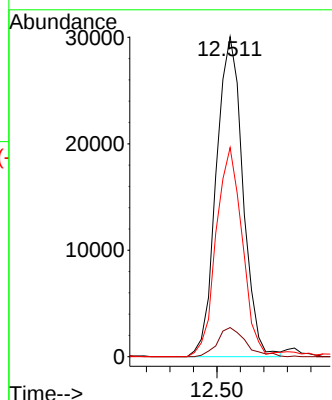
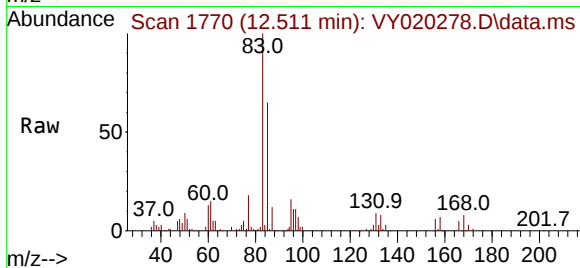
Tgt Ion: 83 Resp: 47307

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.107 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020278.D

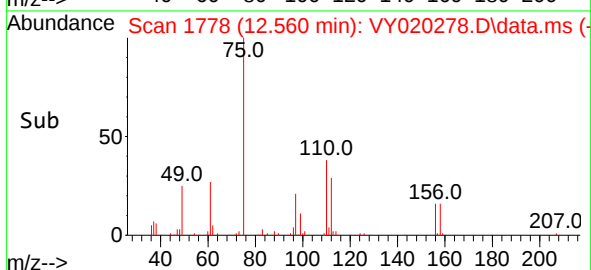
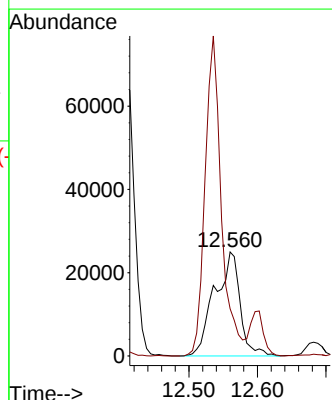
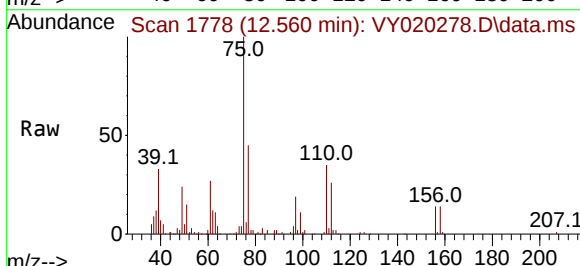
Acq: 13 Nov 2024 12:43

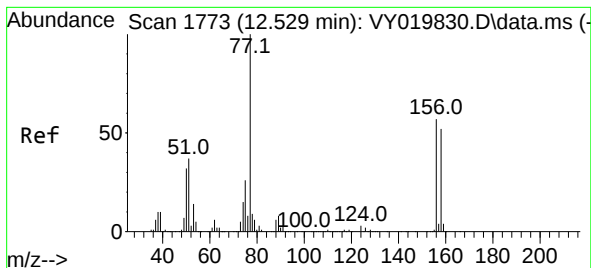
Tgt Ion: 75 Resp: 64256

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.723 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

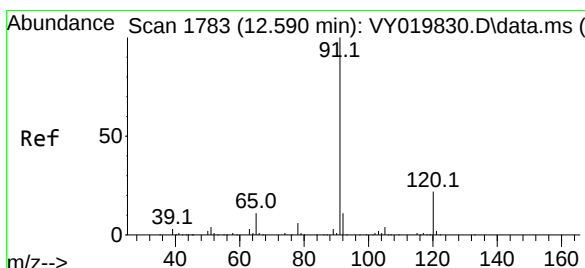
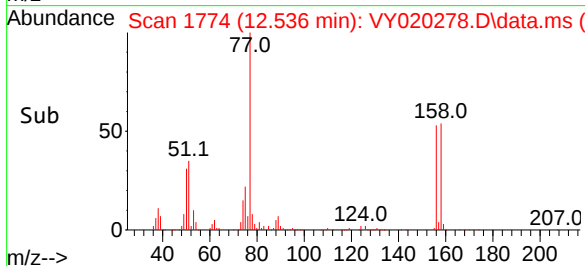
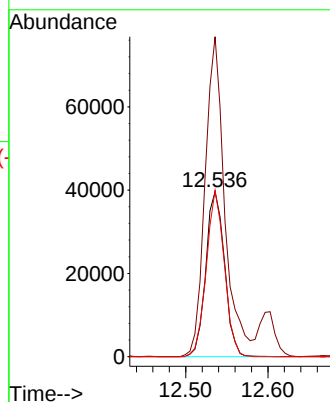
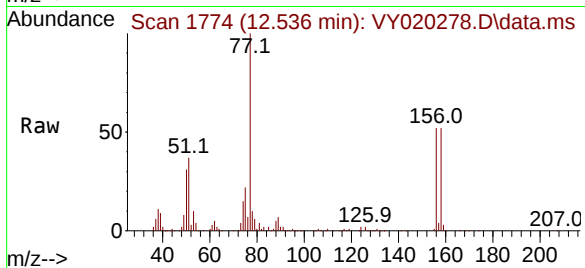
Tgt Ion:156 Resp: 62629

Ion Ratio Lower Upper

156 100

77 203.2 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 17.451 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020278.D

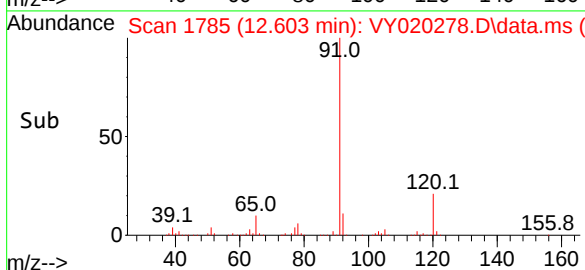
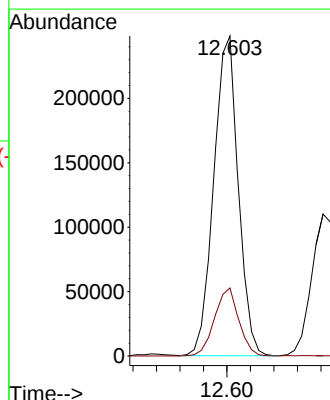
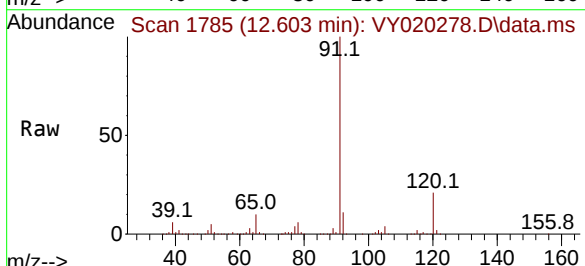
Acq: 13 Nov 2024 12:43

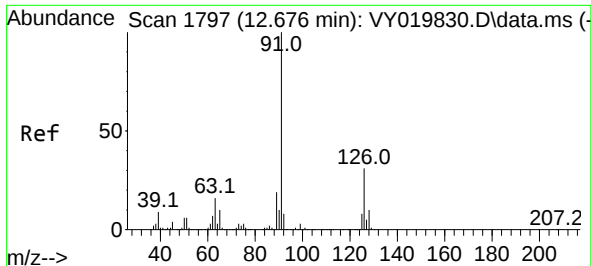
Tgt Ion: 91 Resp: 359235

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

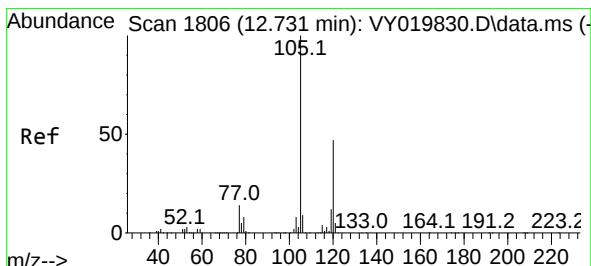
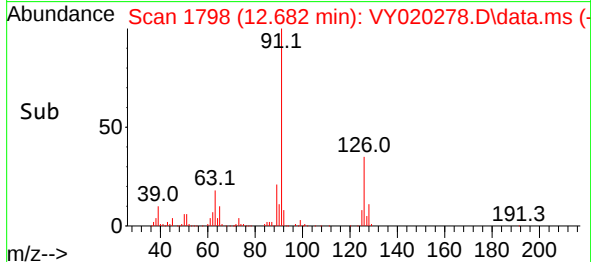
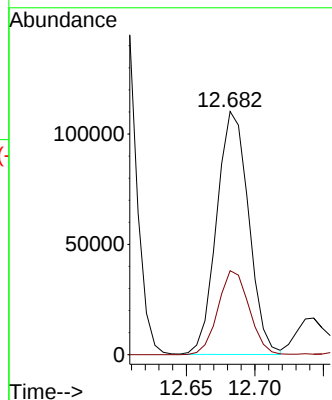
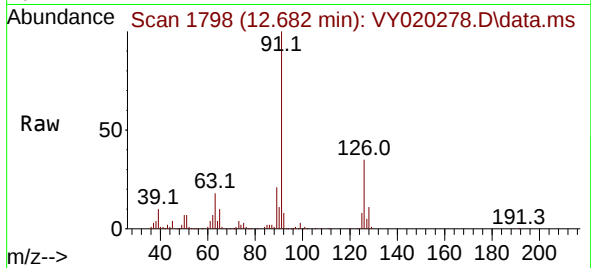




#79
2-Chlorotoluene
Concen: 15.674 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

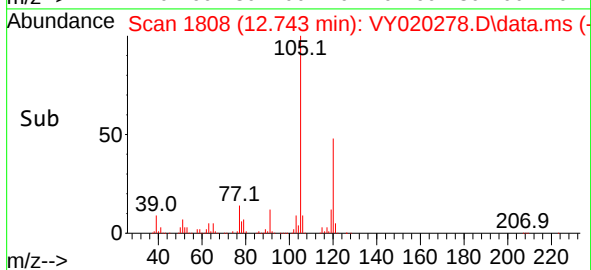
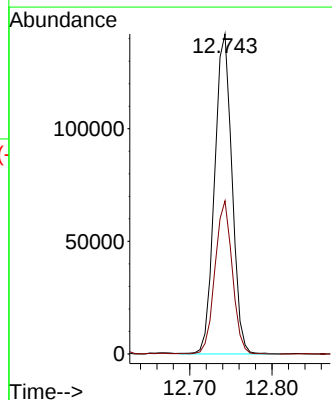
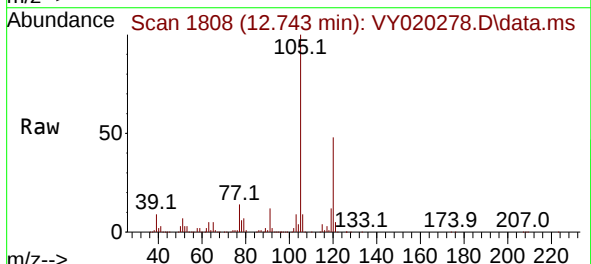
Instrument :
MSVOA_Y
ClientSampleId :

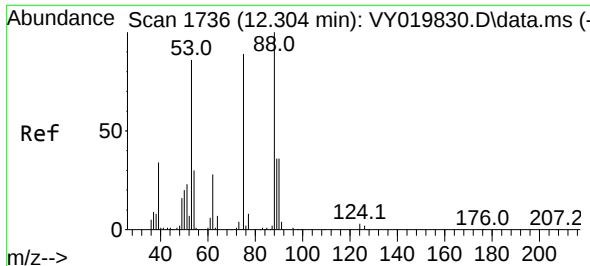
Tgt Ion: 91 Resp: 179099
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 15.745 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 105 Resp: 209072
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

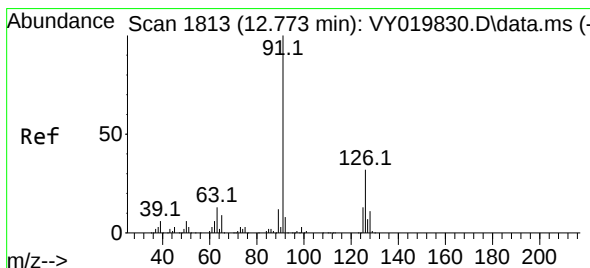
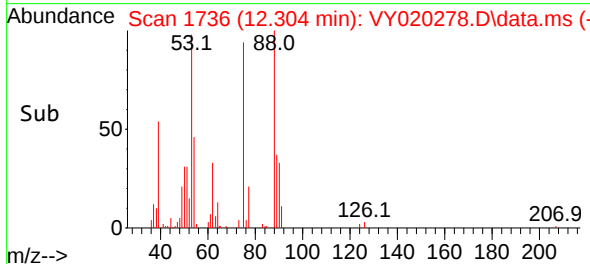
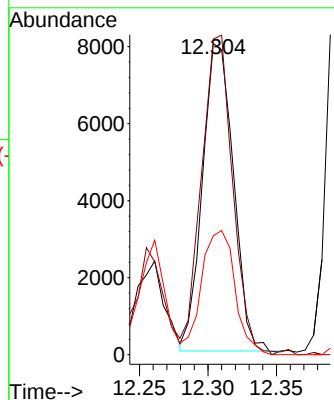
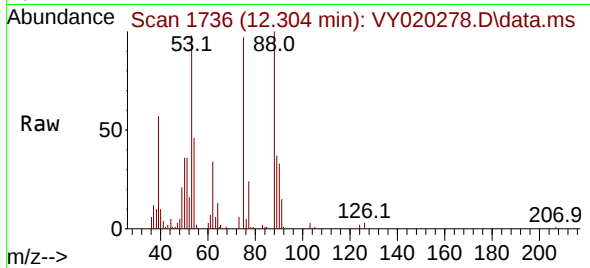




#81
trans-1,4-Dichloro-2-butene
Concen: 13.877 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

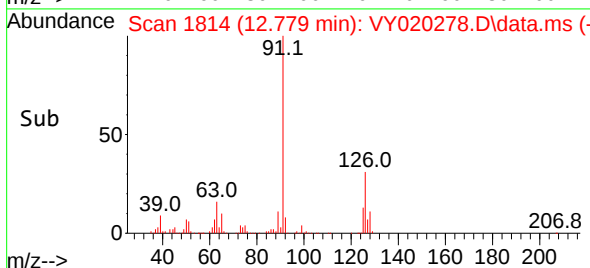
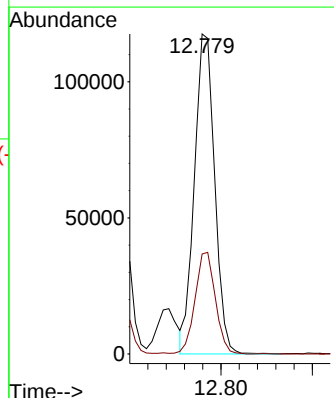
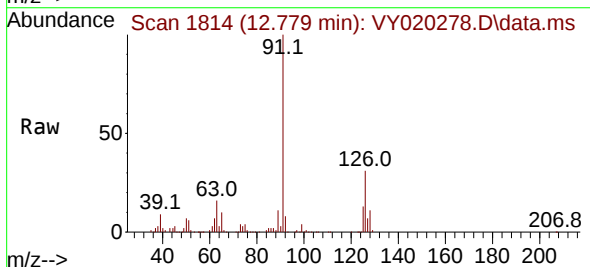
Instrument :
MSVOA_Y
ClientSampleId :

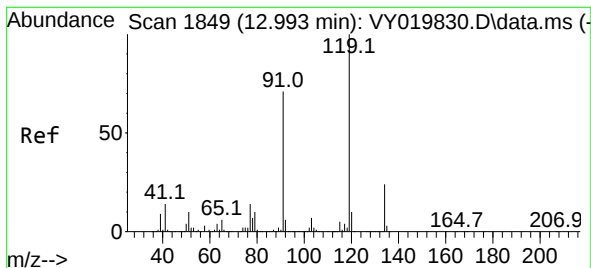
Tgt Ion: 75 Resp: 12522
Ion Ratio Lower Upper
75 100
53 105.4 66.8 100.2#
89 43.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 15.558 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020278.D
Acq: 13 Nov 2024 12:43

Tgt Ion: 91 Resp: 181267
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.755 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

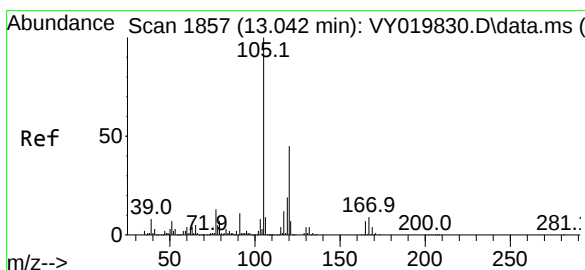
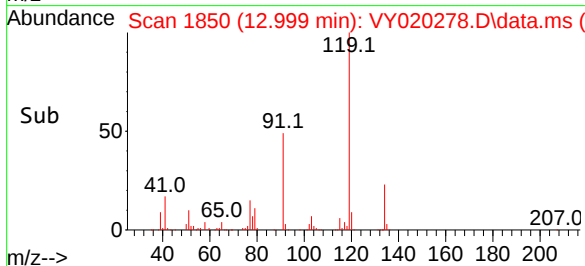
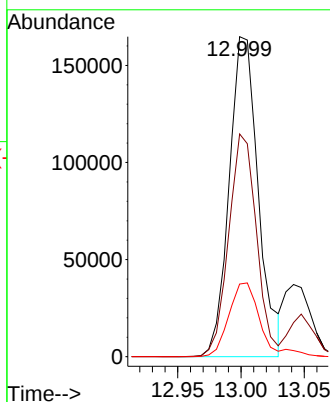
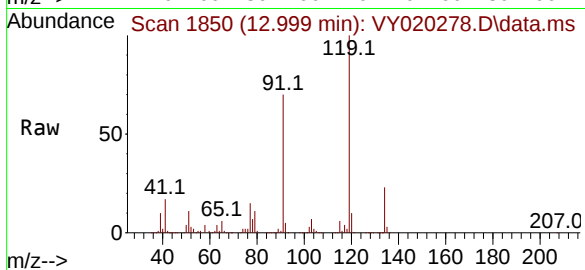
Tgt Ion:119 Resp: 264217

Ion Ratio Lower Upper

119 100

91 66.6 31.3 93.8

134 25.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.609 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020278.D

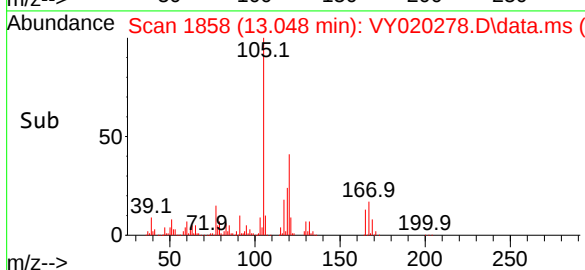
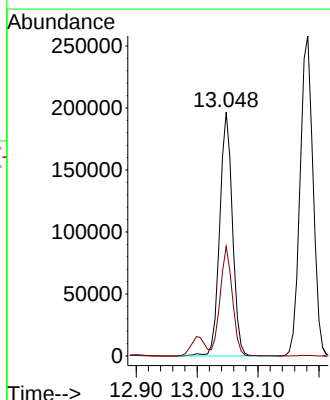
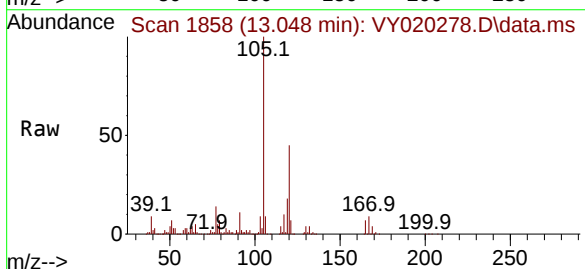
Acq: 13 Nov 2024 12:43

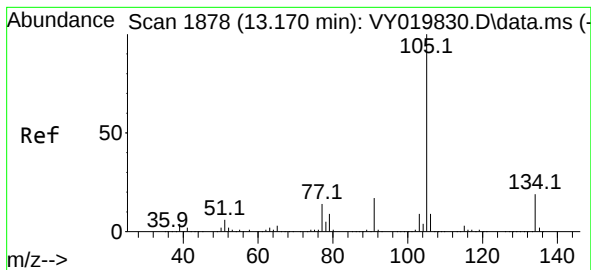
Tgt Ion:105 Resp: 284209

Ion Ratio Lower Upper

105 100

120 43.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.351 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

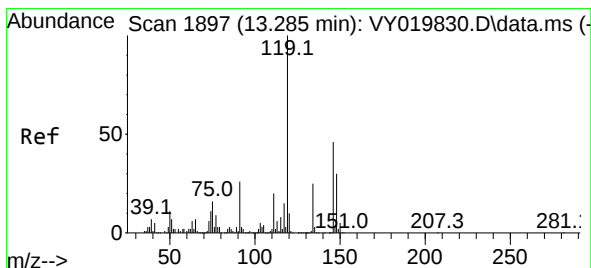
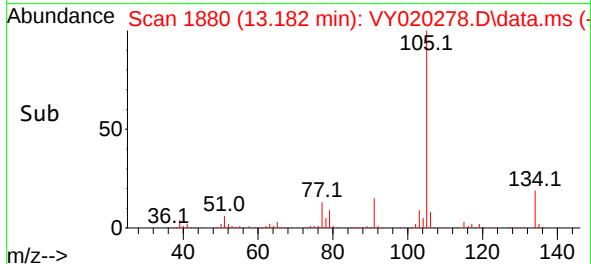
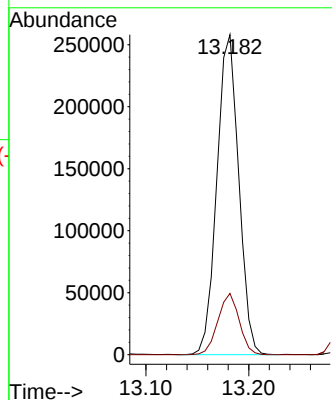
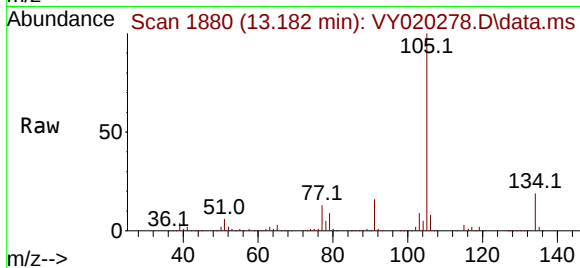
ClientSampleId :

Tgt Ion:105 Resp: 380600

Ion Ratio Lower Upper

105 100

134 18.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.211 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

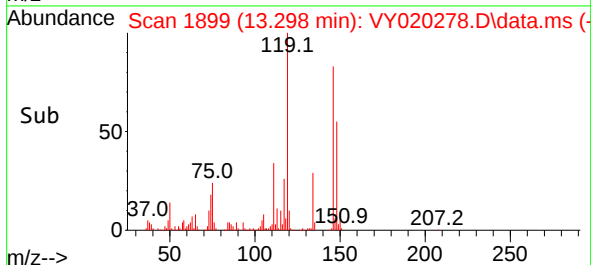
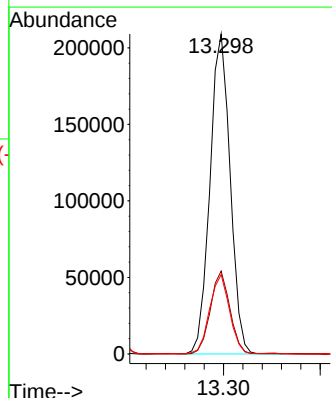
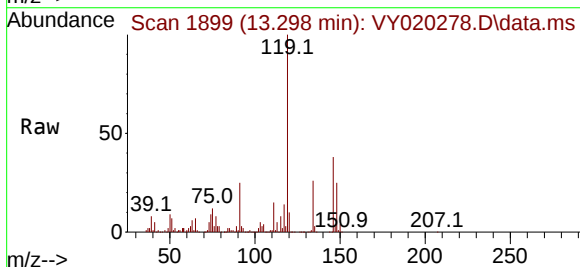
Tgt Ion:119 Resp: 303415

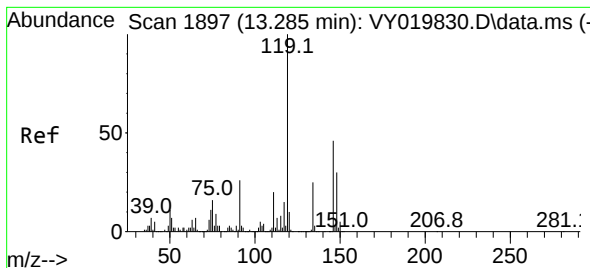
Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.798 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

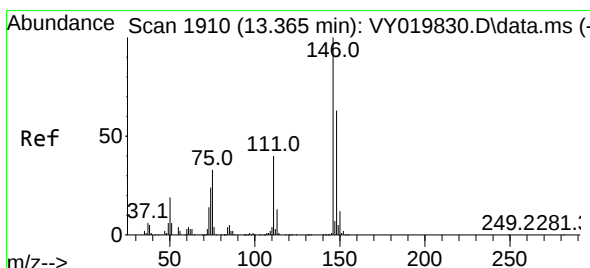
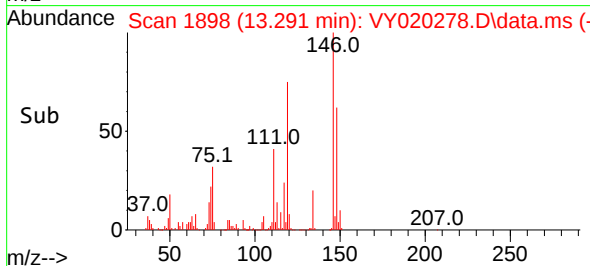
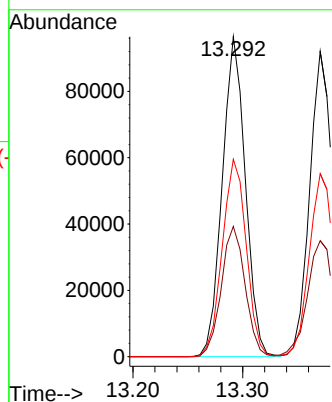
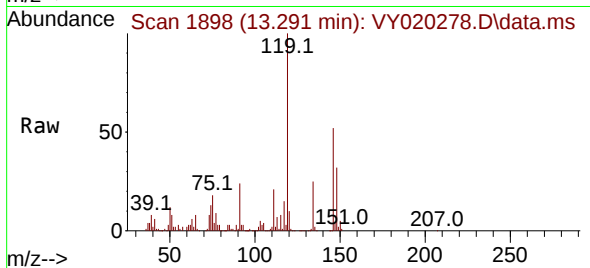
Tgt Ion:146 Resp: 141337

Ion Ratio Lower Upper

146 100

111 41.9 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

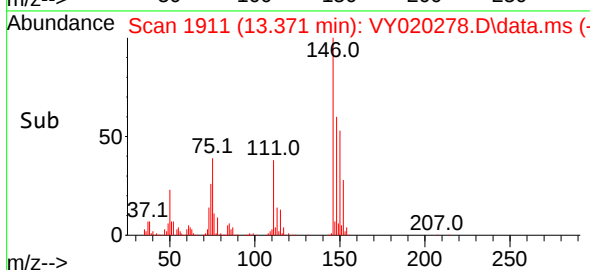
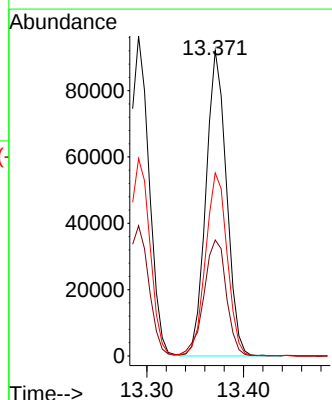
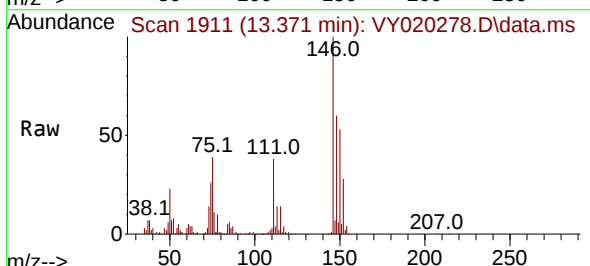
Tgt Ion:146 Resp: 135994

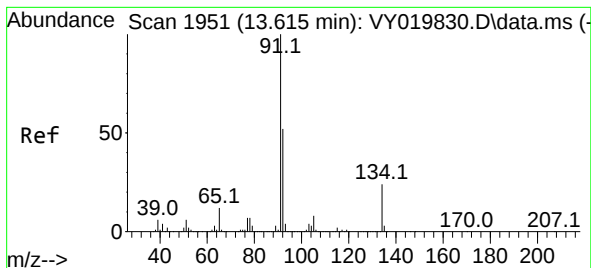
Ion Ratio Lower Upper

146 100

111 41.5 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 18.879 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

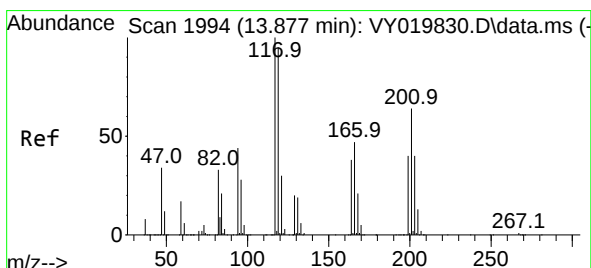
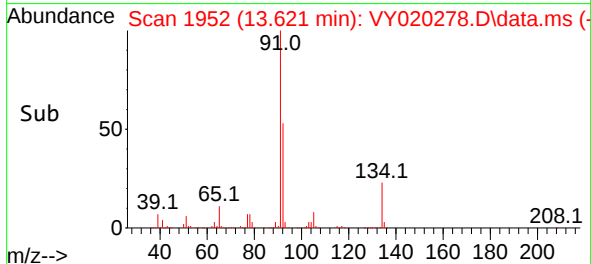
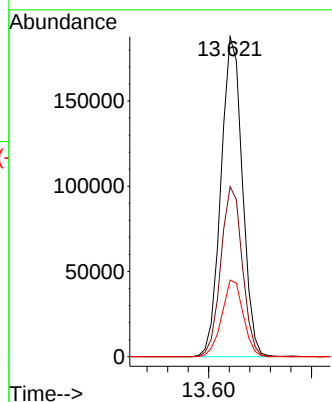
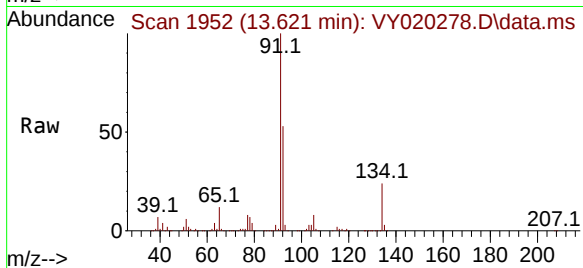
Tgt Ion: 91 Resp: 270719

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 24.0 12.9 38.7



#90

Hexachloroethane

Concen: 15.839 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020278.D

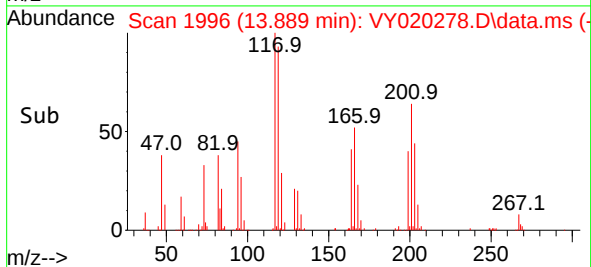
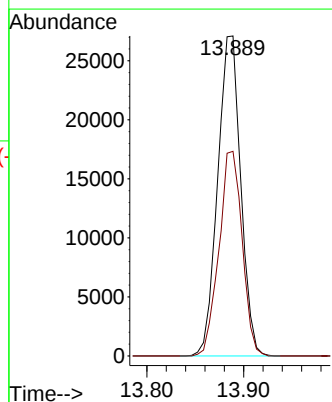
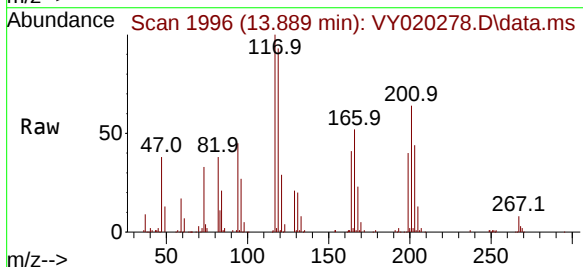
Acq: 13 Nov 2024 12:43

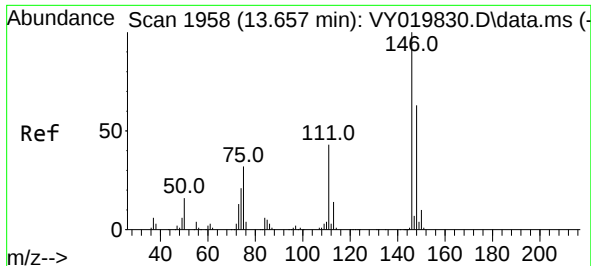
Tgt Ion: 117 Resp: 44809

Ion Ratio Lower Upper

117 100

201 64.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.501 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

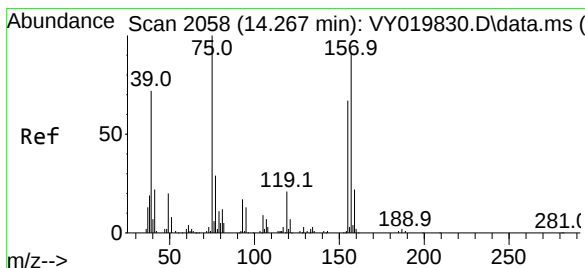
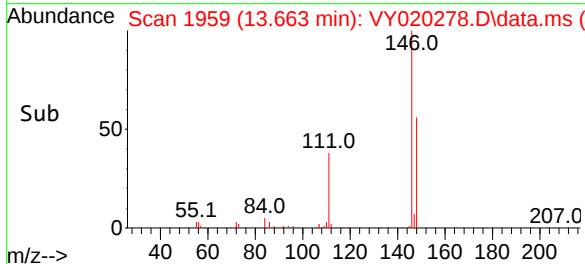
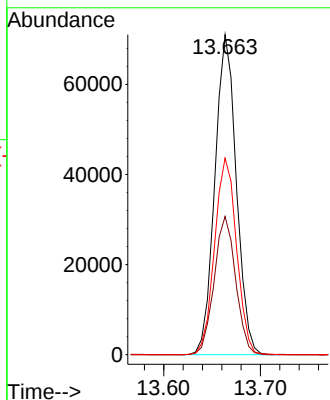
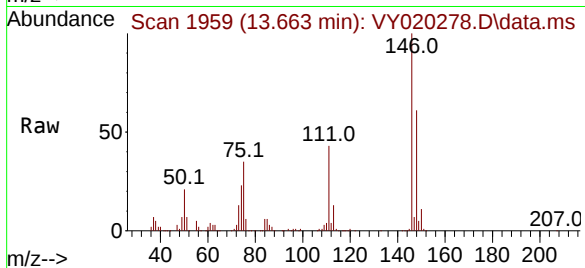
Tgt Ion:146 Resp: 109283

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 62.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.182 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

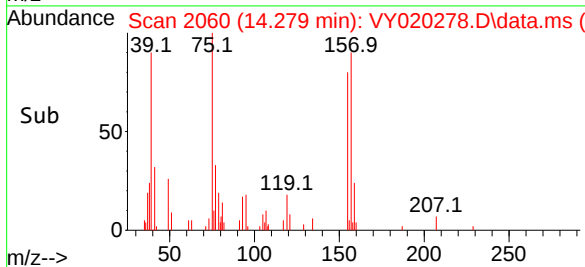
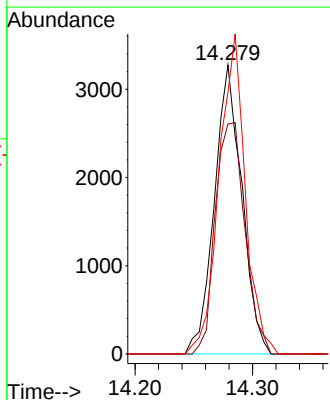
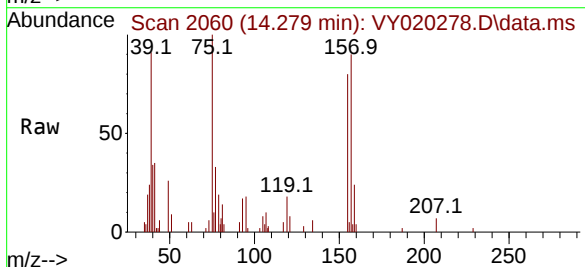
Tgt Ion: 75 Resp: 5344

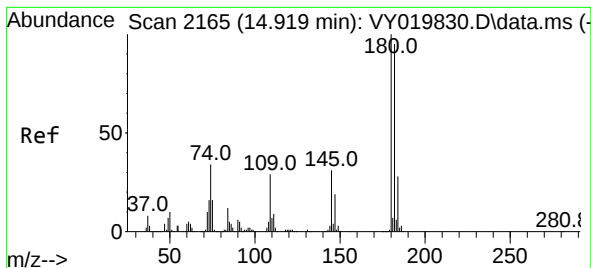
Ion Ratio Lower Upper

75 100

155 86.1 48.6 145.8

157 105.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 15.538 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

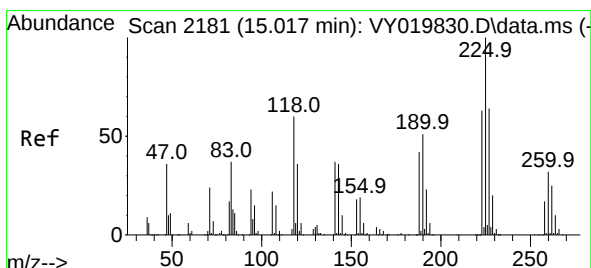
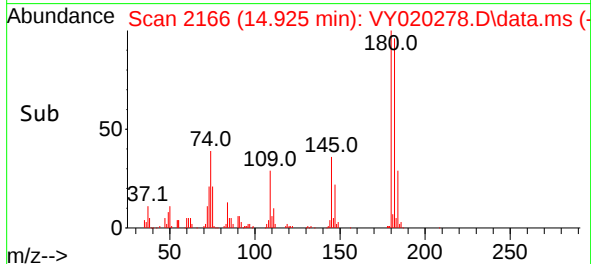
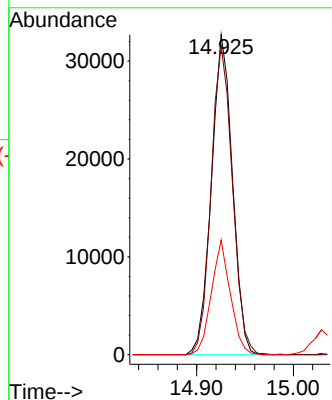
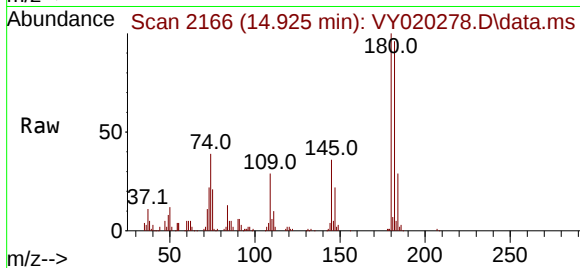
Tgt Ion:180 Resp: 49305

Ion Ratio Lower Upper

180 100

182 97.7 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 14.926 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

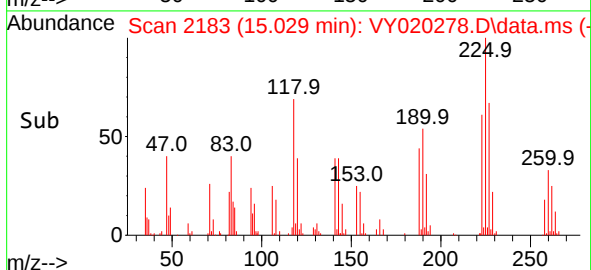
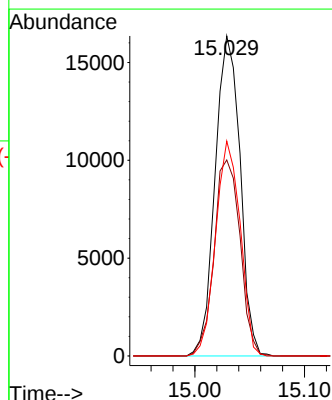
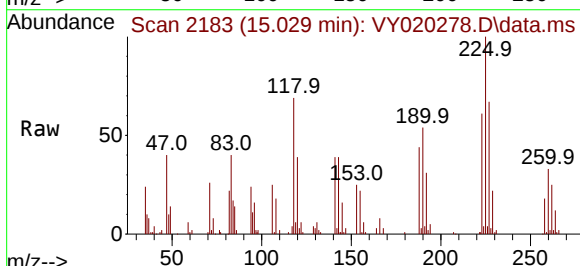
Tgt Ion:225 Resp: 25899

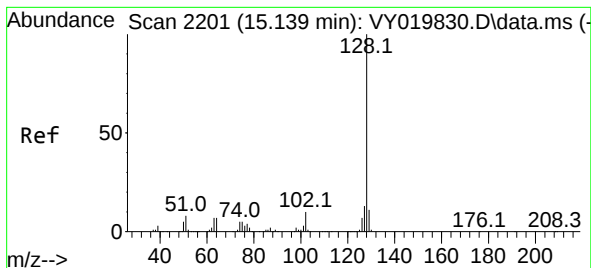
Ion Ratio Lower Upper

225 100

223 63.8 30.4 91.2

227 66.2 31.9 95.9





#95

Naphthalene

Concen: 12.306 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020278.D

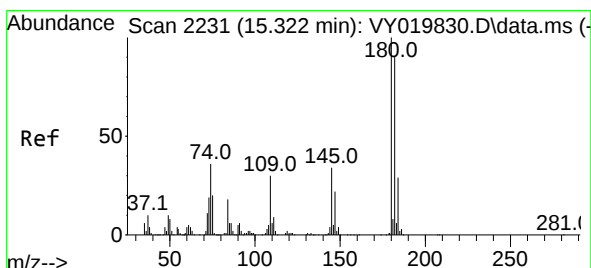
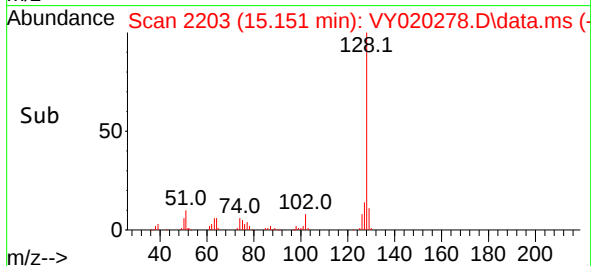
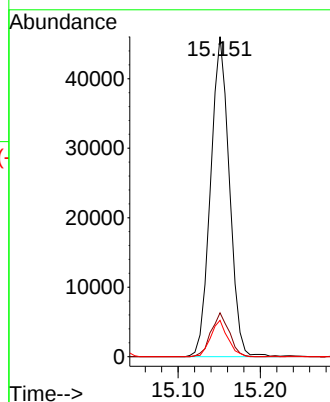
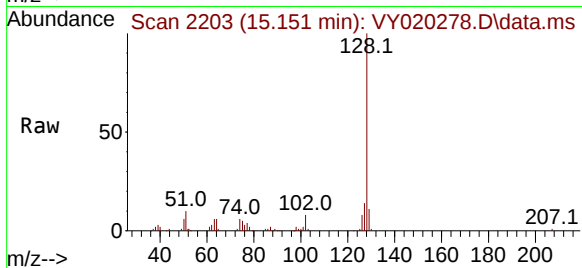
Acq: 13 Nov 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	72991
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.4	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 12.762 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020278.D

Acq: 13 Nov 2024 12:43

Tgt Ion:180	Resp:	34375
Ion Ratio	Lower	Upper
180	100	
182	96.1	47.6 142.9
145	35.0	15.4 46.1

