

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021278.D
 Acq On : 21 Feb 2025 12:06
 Operator : SY/MD
 Sample : VY0221SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

Quant Time: Feb 21 23:05:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	139622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	219087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	186030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	78017	54.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.080%	
35) Dibromofluoromethane	7.640	113	72274	51.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.115	98	269439	50.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.414	95	91929	52.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34271	27.540	ug/l	99
3) Chloromethane	2.074	50	37179	30.277	ug/l	99
4) Vinyl Chloride	2.214	62	36377	29.432	ug/l	99
5) Bromomethane	2.605	94	21332	27.924	ug/l	91
6) Chloroethane	2.745	64	20792	28.259	ug/l	97
7) Trichlorofluoromethane	3.068	101	55786	24.774	ug/l	98
8) Diethyl Ether	3.458	74	15776	22.443	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.830	101	33096	23.418	ug/l	98
10) Methyl Iodide	4.019	142	35059	22.329	ug/l	93
11) Tert butyl alcohol	4.885	59	10928	112.728	ug/l #	88
12) 1,1-Dichloroethene	3.806	96	30519	22.925	ug/l	95
13) Acrolein	3.671	56	12555	84.105	ug/l	100
14) Allyl chloride	4.397	41	53321	23.765	ug/l	92
15) Acrylonitrile	5.074	53	35318	120.655	ug/l	98
16) Acetone	3.879	43	26782	120.051	ug/l	90
17) Carbon Disulfide	4.116	76	100550	24.087	ug/l	99
18) Methyl Acetate	4.403	43	18728	23.914	ug/l	94
19) Methyl tert-butyl Ether	5.128	73	76144	22.629	ug/l	99
20) Methylene Chloride	4.629	84	36196	26.099	ug/l	92
21) trans-1,2-Dichloroethene	5.135	96	33755	23.035	ug/l	96
22) Diisopropyl ether	6.031	45	113278	24.495	ug/l	96
23) Vinyl Acetate	5.970	43	314955	122.168	ug/l	97
24) 1,1-Dichloroethane	5.927	63	63967	23.608	ug/l	98
25) 2-Butanone	6.903	43	44342	120.956	ug/l	94
26) 2,2-Dichloropropane	6.896	77	55829	22.269	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	37994	22.525	ug/l	90
28) Bromochloromethane	7.256	49	22087	20.615	ug/l	91
29) Tetrahydrofuran	7.274	42	29880	120.453	ug/l	93
30) Chloroform	7.433	83	63572	22.842	ug/l	96
31) Cyclohexane	7.707	56	57180	23.435	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	58508	22.612	ug/l	98
36) 1,1-Dichloropropene	7.848	75	48137	23.147	ug/l	98
37) Ethyl Acetate	7.000	43	22301	24.444	ug/l	97
38) Carbon Tetrachloride	7.829	117	53883	22.174	ug/l	94
39) Methylcyclohexane	9.116	83	58732	23.088	ug/l	94
40) Benzene	8.091	78	141179	23.133	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	13008	24.645	ug/l	93
42) 1,2-Dichloroethane	8.165	62	39382	23.262	ug/l	97
43) Isopropyl Acetate	8.207	43	42938	23.686	ug/l	97
44) Trichloroethene	8.872	130	34475	21.864	ug/l	95
45) 1,2-Dichloropropane	9.146	63	33728	23.284	ug/l	96
46) Dibromomethane	9.238	93	17995	22.437	ug/l	96
47) Bromodichloromethane	9.433	83	48100	22.362	ug/l	98
48) Methyl methacrylate	9.231	41	19884	24.080	ug/l	90
49) 1,4-Dioxane	9.238	88	3269	437.831	ug/l	86
51) 4-Methyl-2-Pentanone	10.006	43	108248	118.745	ug/l	96
52) Toluene	10.176	92	86723	22.631	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	43488	22.516	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	52326	22.881	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	23439	22.568	ug/l	94
56) Ethyl methacrylate	10.445	69	30501	21.953	ug/l #	85
57) 1,3-Dichloropropane	10.725	76	41578	23.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	62684	94.832	ug/l	97
59) 2-Hexanone	10.768	43	70102	119.435	ug/l	92
60) Dibromochloromethane	10.920	129	31556	21.635	ug/l	99
61) 1,2-Dibromoethane	11.024	107	21698	22.304	ug/l	96
64) Tetrachloroethene	10.658	164	31433	22.761	ug/l	93
65) Chlorobenzene	11.451	112	90979	21.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	32398	22.009	ug/l	95
67) Ethyl Benzene	11.524	91	164059	22.392	ug/l	96
68) m/p-Xylenes	11.633	106	123250	44.967	ug/l	95
69) o-Xylene	11.963	106	57792	22.616	ug/l	97
70) Styrene	11.975	104	96245	22.598	ug/l	98
71) Bromoform	12.139	173	17757	21.671	ug/l #	97
73) Isopropylbenzene	12.261	105	153176	20.643	ug/l	99
74) N-amyl acetate	12.078	43	35292	21.754	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	26834	21.744	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	35119	40.755	ug/l #	100
77) Bromobenzene	12.542	156	35205	20.559	ug/l	96
78) n-propylbenzene	12.603	91	189206	21.405	ug/l	99
79) 2-Chlorotoluene	12.688	91	107048	21.145	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	127061	21.120	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	8531	20.201	ug/l	91
82) 4-Chlorotoluene	12.786	91	110739	21.469	ug/l	99
83) tert-Butylbenzene	13.005	119	110980	20.295	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	125311	21.303	ug/l	99
85) sec-Butylbenzene	13.182	105	167521	21.282	ug/l	99
86) p-Isopropyltoluene	13.298	119	137365	21.008	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	69587	21.047	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	67849	20.842	ug/l	99
89) n-Butylbenzene	13.627	91	127862	21.435	ug/l	98
90) Hexachloroethane	13.889	117	28758	21.082	ug/l	88
91) 1,2-Dichlorobenzene	13.670	146	59206	20.631	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3912	21.213	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	32511	20.353	ug/l	99
94) Hexachlorobutadiene	15.029	225	21525	20.335	ug/l	99
95) Naphthalene	15.151	128	51537	20.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	26859	20.205	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

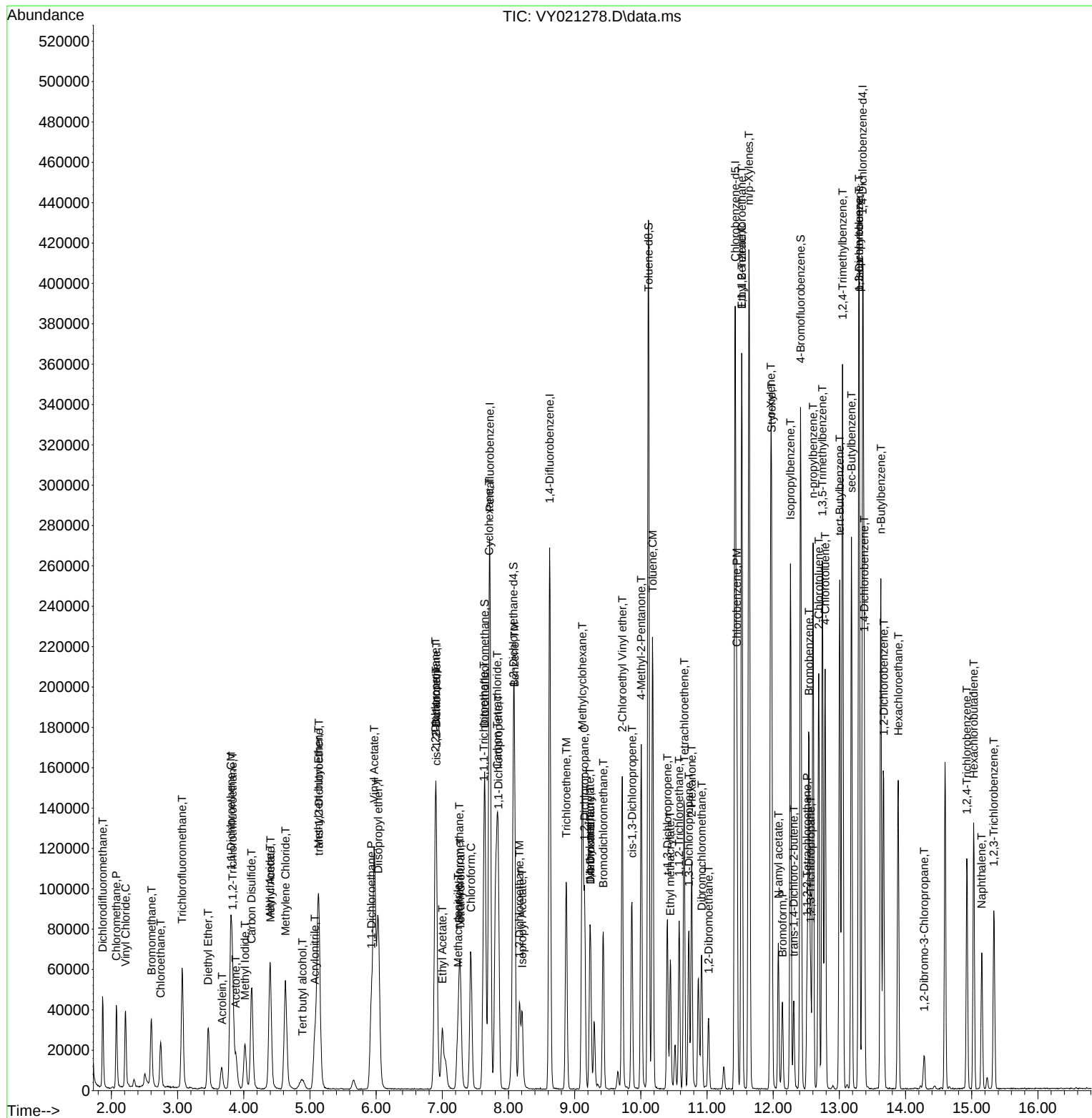
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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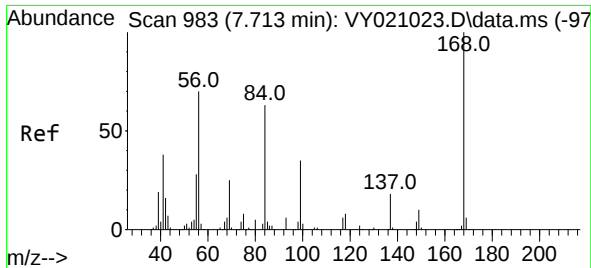
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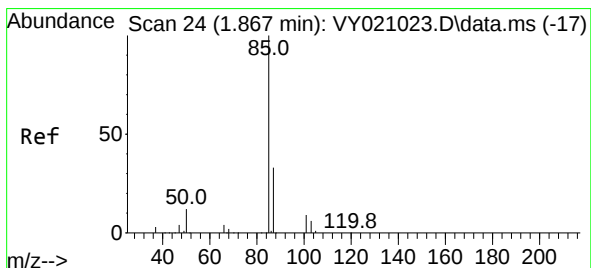
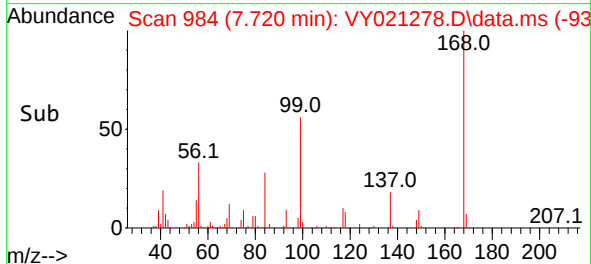
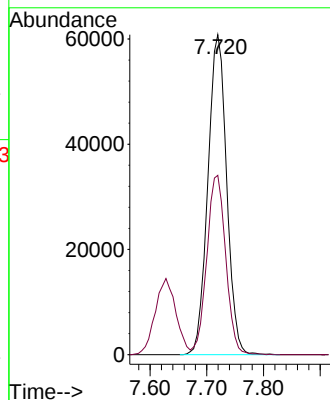
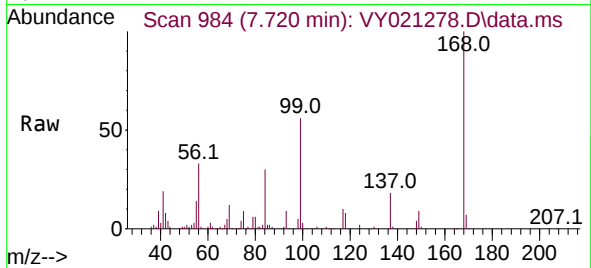




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

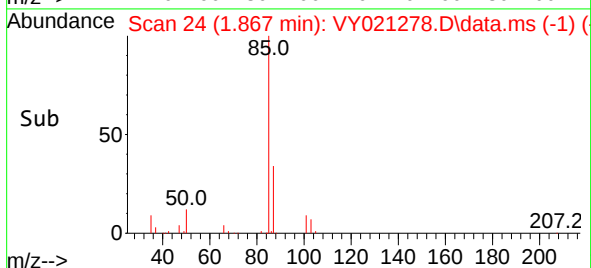
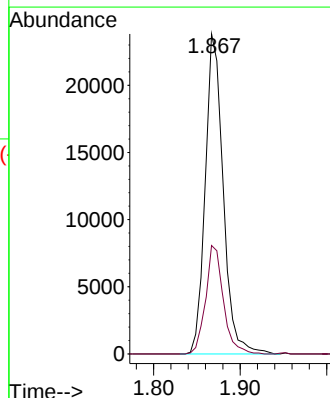
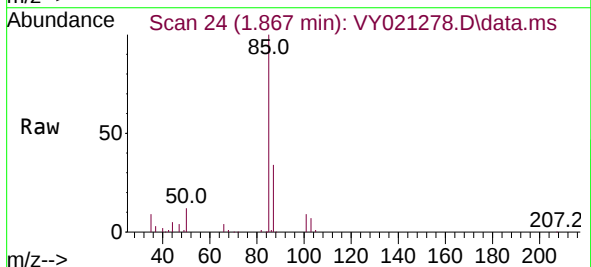
Instrument :
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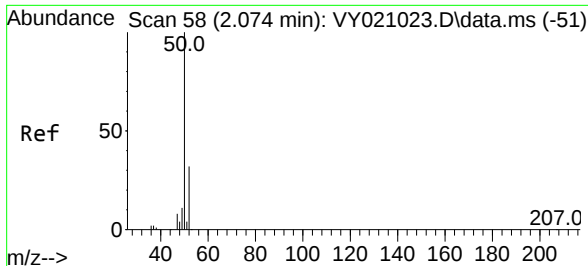
Tgt Ion:168 Resp: 139622
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 27.540 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 85 Resp: 34271
Ion Ratio Lower Upper
85 100
87 33.9 17.1 51.3

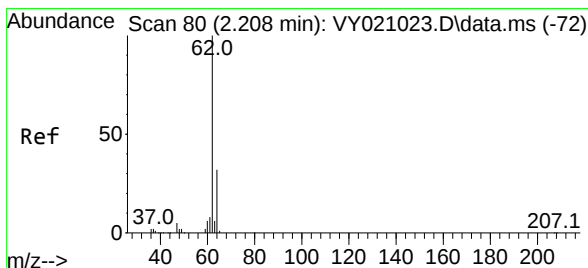
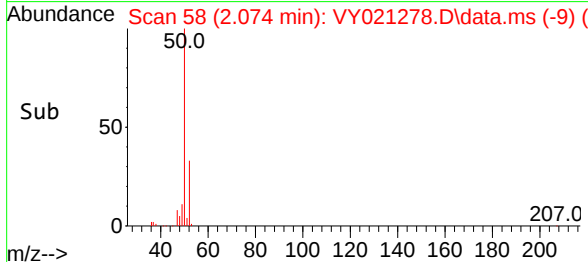
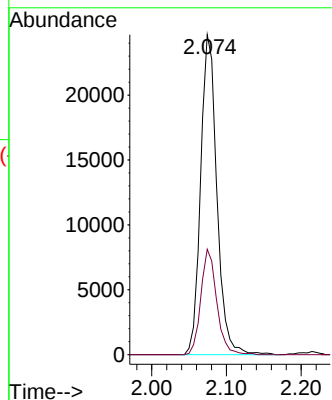
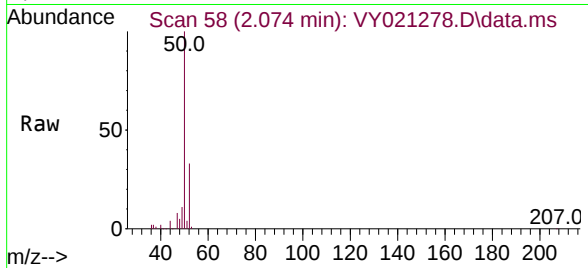




#3
Chloromethane
Concen: 30.277 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

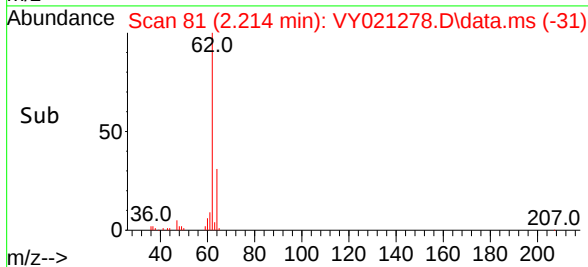
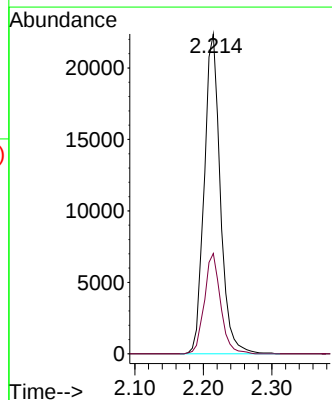
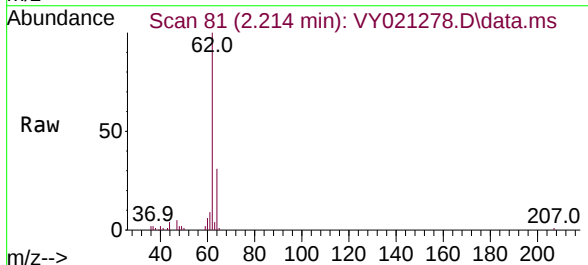
Instrument :
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ClientSampleId :
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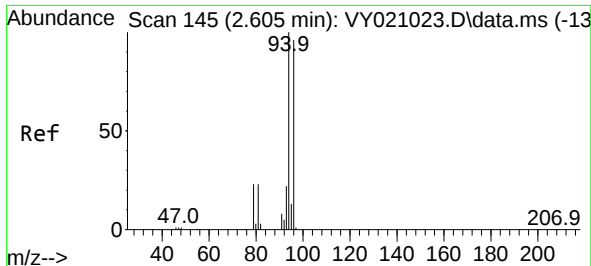
Tgt Ion: 50 Resp: 37179
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 29.432 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 62 Resp: 36377
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

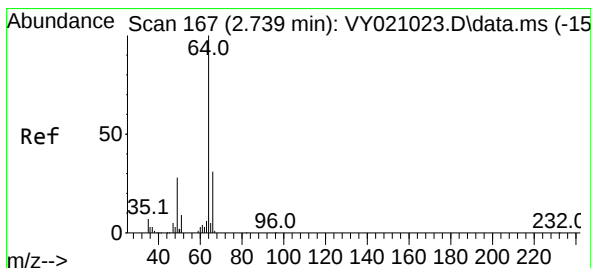
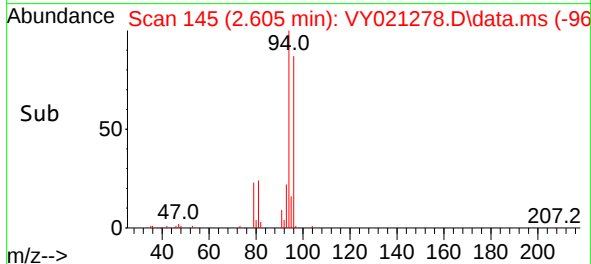
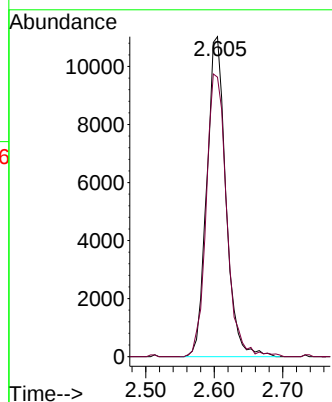
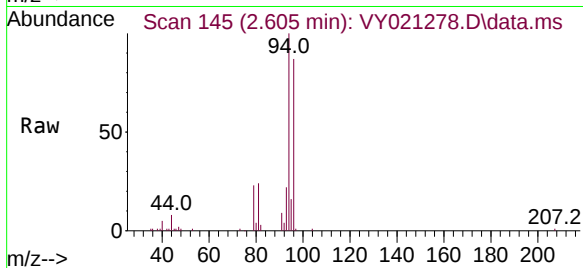




#5
Bromomethane
Concen: 27.924 ug/l
RT: 2.605 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

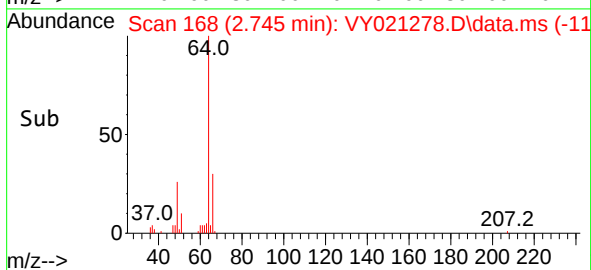
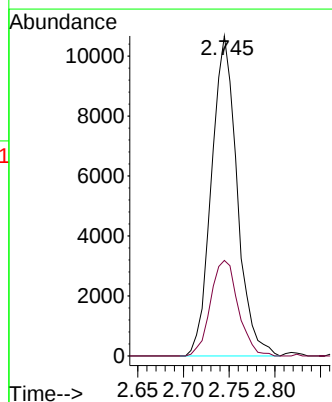
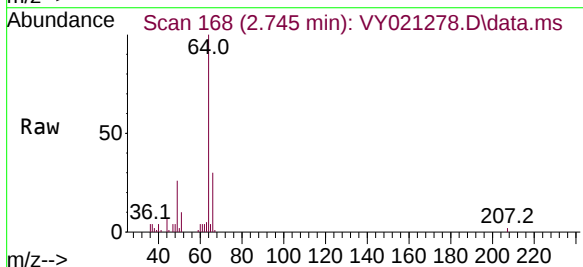
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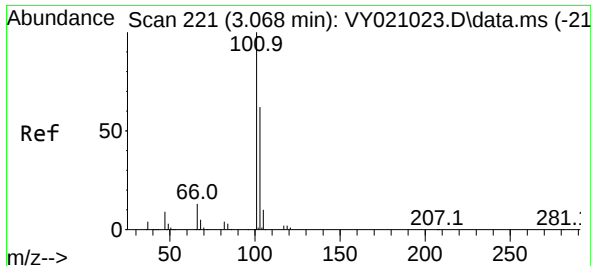
Tgt Ion: 94 Resp: 21332
Ion Ratio Lower Upper
94 100
96 87.3 77.3 115.9



#6
Chloroethane
Concen: 28.259 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021278.D
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Tgt Ion: 64 Resp: 20792
Ion Ratio Lower Upper
64 100
66 29.8 25.1 37.7

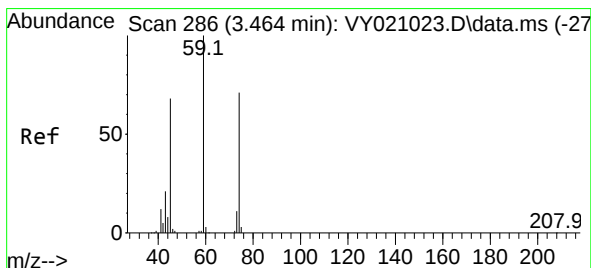
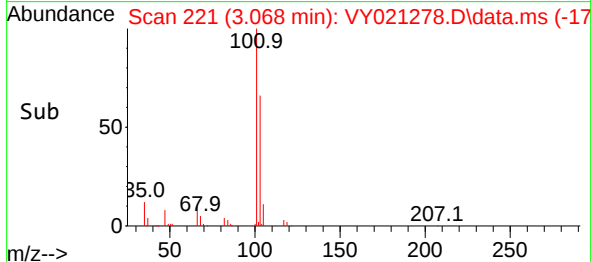
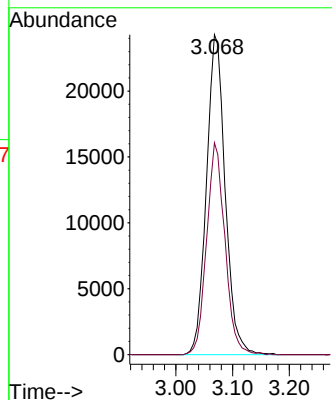
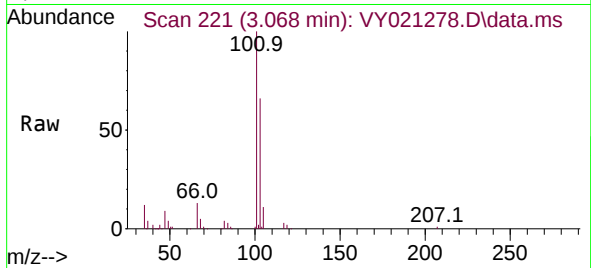




#7
 Trichlorofluoromethane
 Concen: 24.774 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

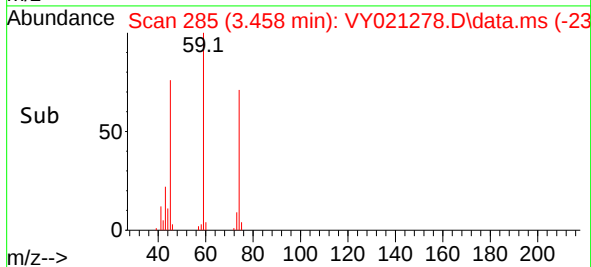
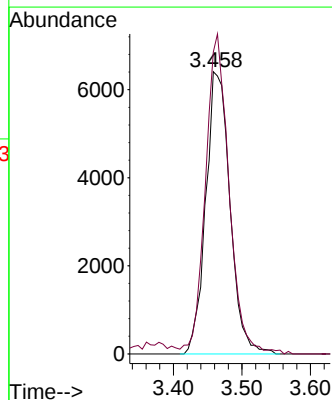
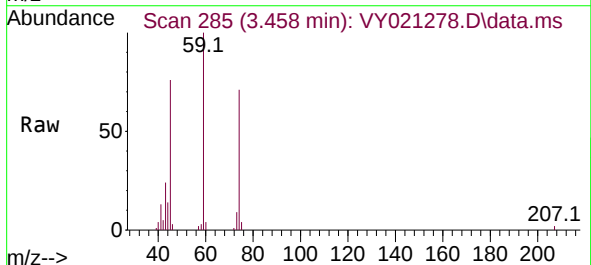
Instrument :
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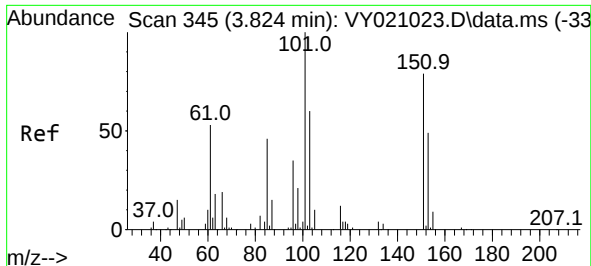
Tgt Ion:101 Resp: 55786
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 22.443 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

Tgt Ion: 74 Resp: 15776
 Ion Ratio Lower Upper
 74 100
 45 105.3 47.9 143.7

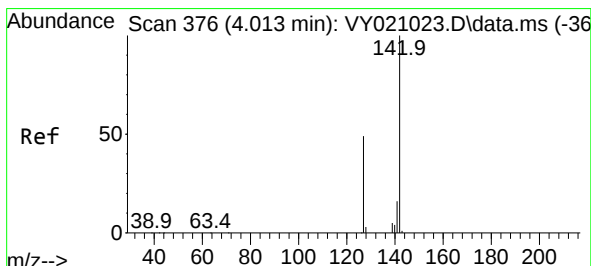
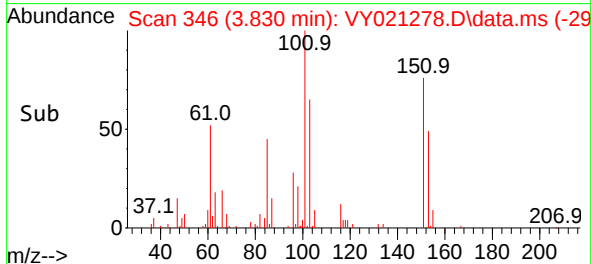
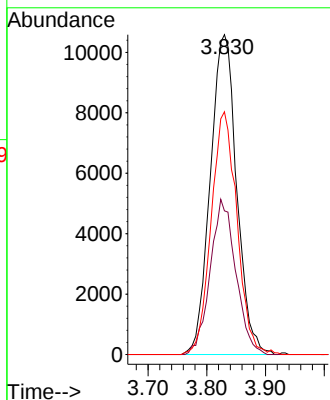
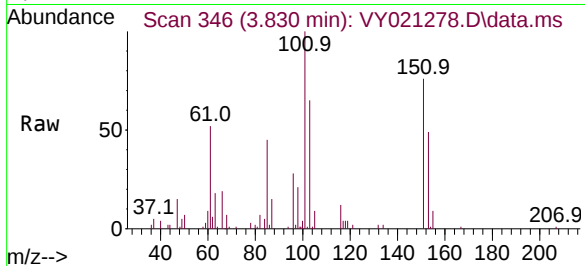




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.418 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

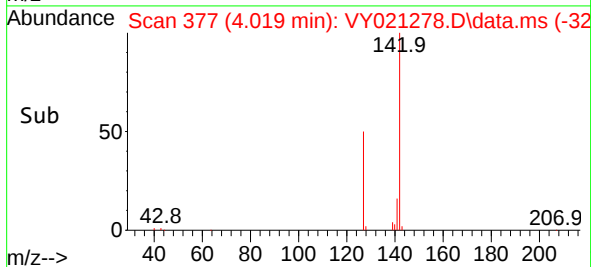
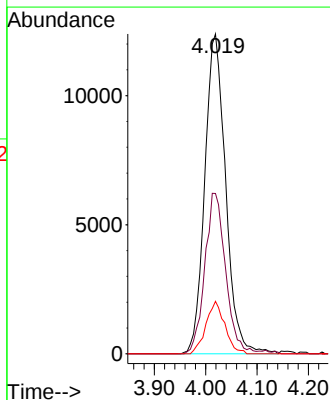
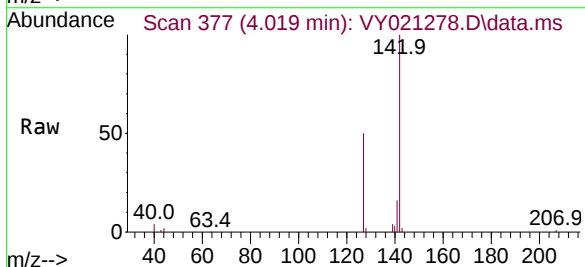
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

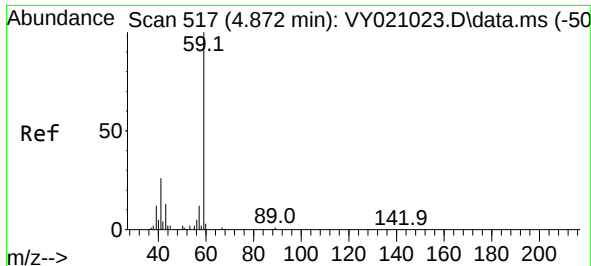
Tgt Ion:101 Resp: 33096
Ion Ratio Lower Upper
101 100
85 46.9 35.8 53.6
151 74.3 58.6 88.0



#10
Methyl Iodide
Concen: 22.329 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:142 Resp: 35059
Ion Ratio Lower Upper
142 100
127 49.8 35.1 52.7
141 14.9 11.8 17.6

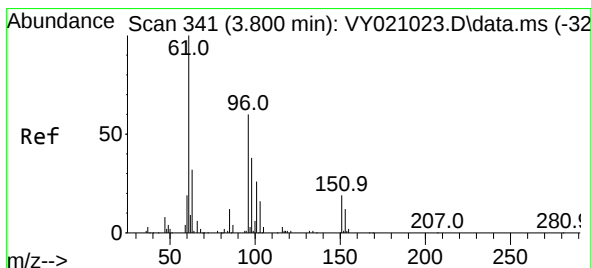
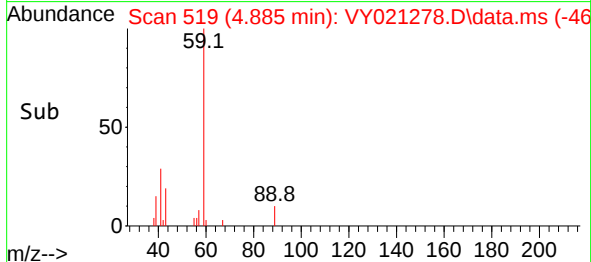
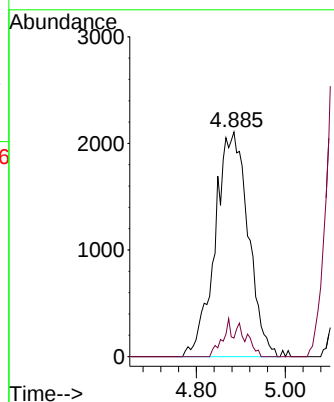
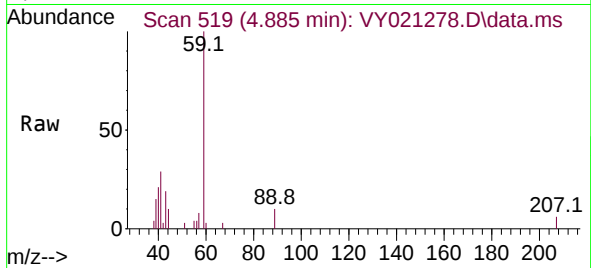




#11
Tert butyl alcohol
Concen: 112.728 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

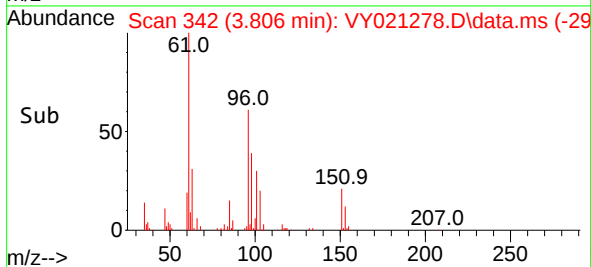
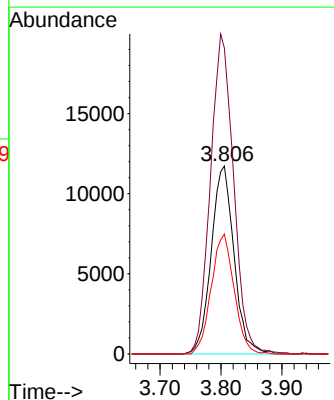
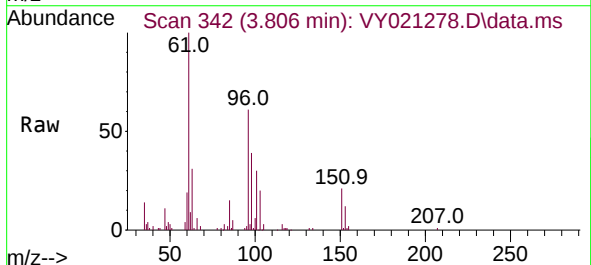
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

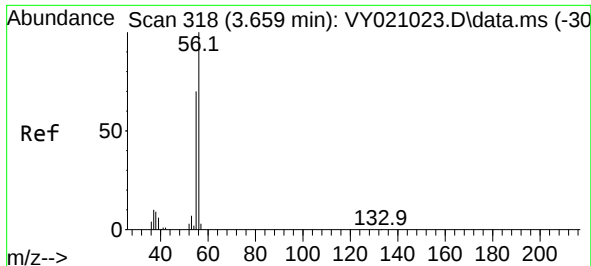
Tgt Ion: 59 Resp: 10928
Ion Ratio Lower Upper
59 100
57 5.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.925 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 96 Resp: 30519
Ion Ratio Lower Upper
96 100
61 162.7 124.2 186.2
98 63.8 52.6 79.0

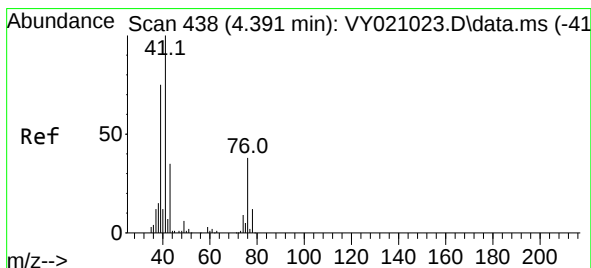
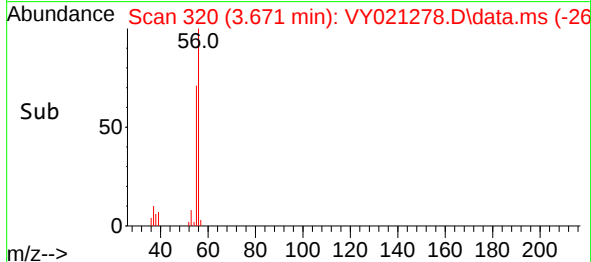
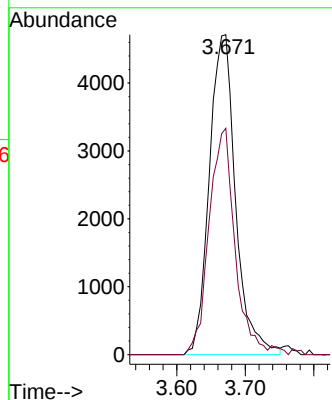
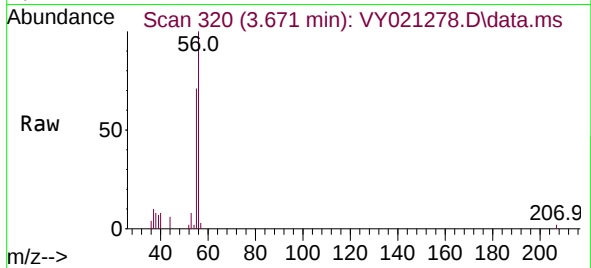




#13
Acrolein
Concen: 84.105 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

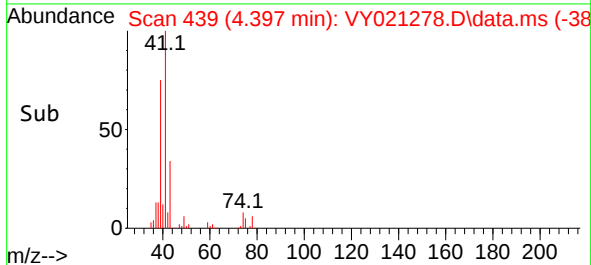
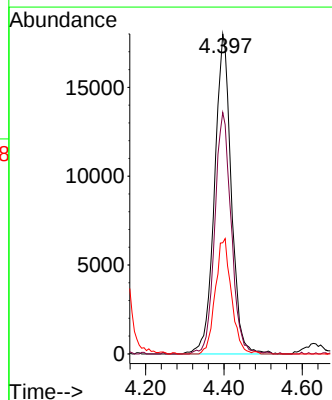
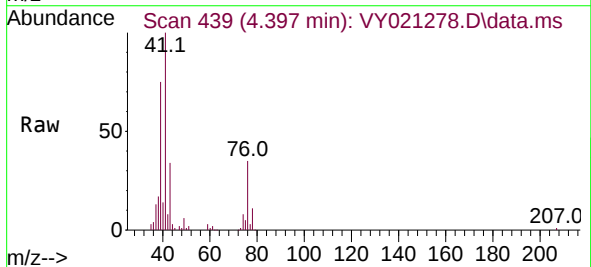
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

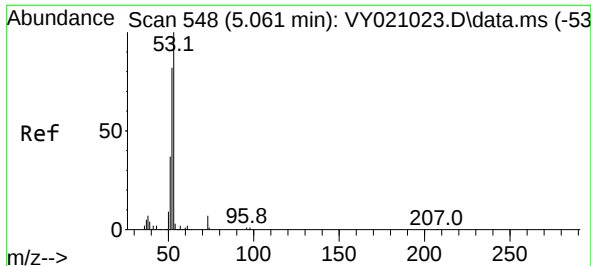
Tgt Ion: 56 Resp: 12555
Ion Ratio Lower Upper
56 100
55 69.1 55.4 83.0



#14
Allyl chloride
Concen: 23.765 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 41 Resp: 53321
Ion Ratio Lower Upper
41 100
39 74.3 54.7 82.1
76 34.5 31.8 47.6

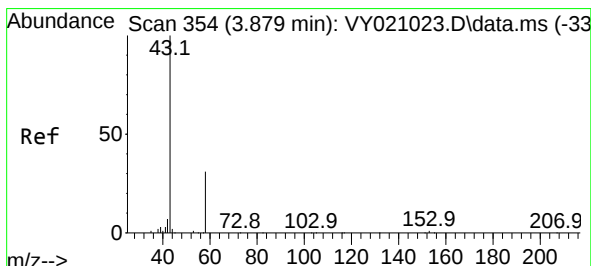
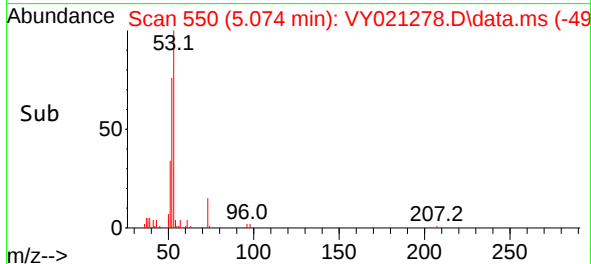
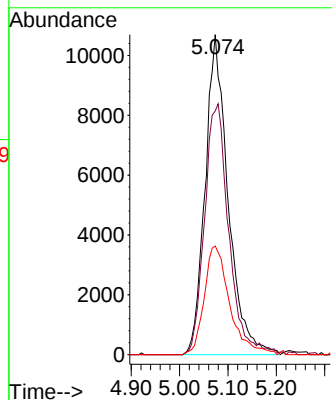
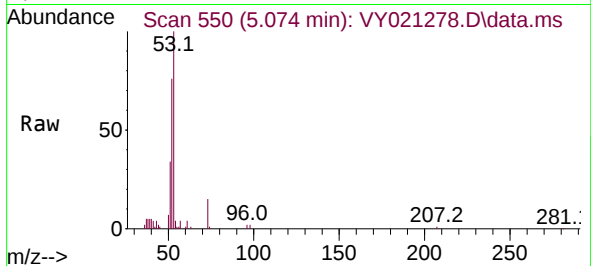




#15
Acrylonitrile
Concen: 120.655 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

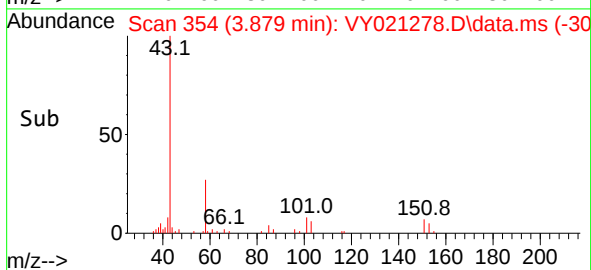
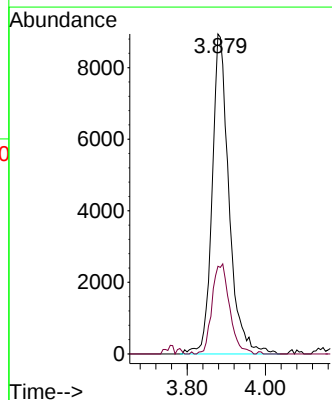
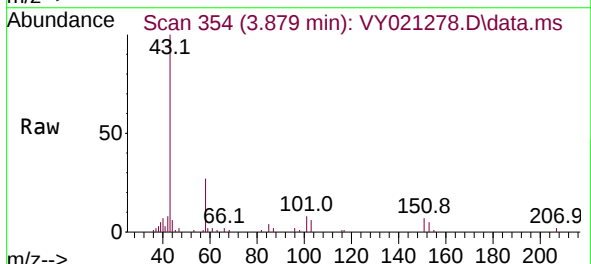
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

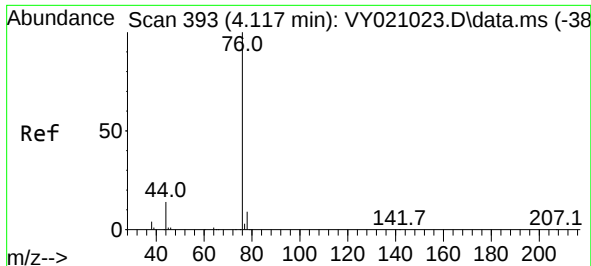
Tgt Ion: 53 Resp: 35318
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 37.6 29.0 43.4



#16
Acetone
Concen: 120.051 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 43 Resp: 26782
Ion Ratio Lower Upper
43 100
58 27.4 26.6 39.8

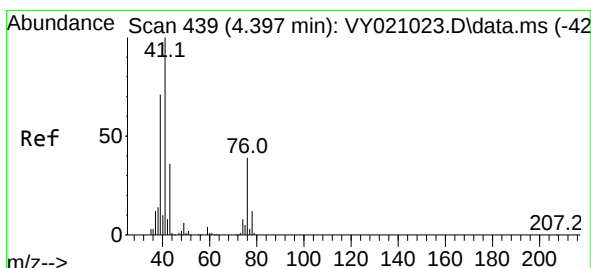
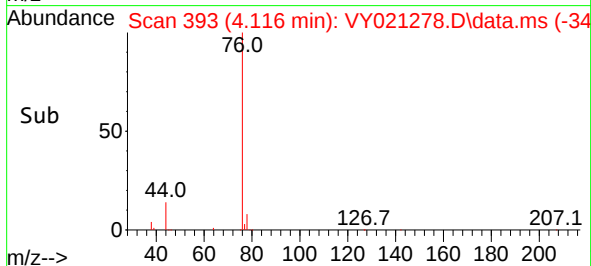
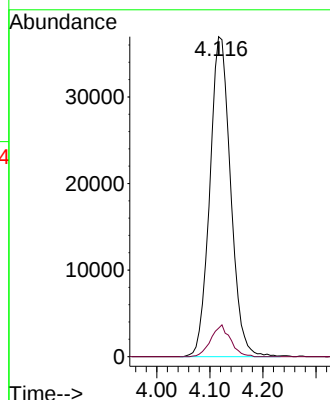
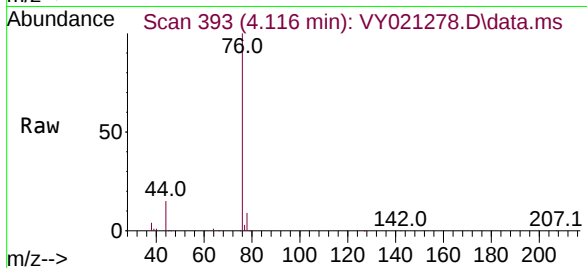




#17
Carbon Disulfide
Concen: 24.087 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

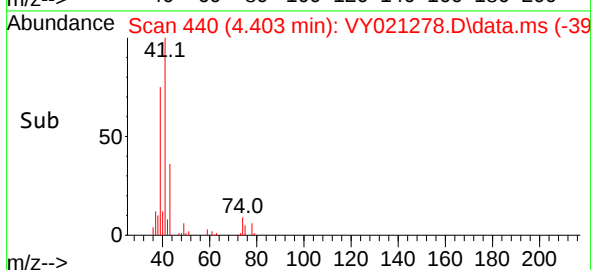
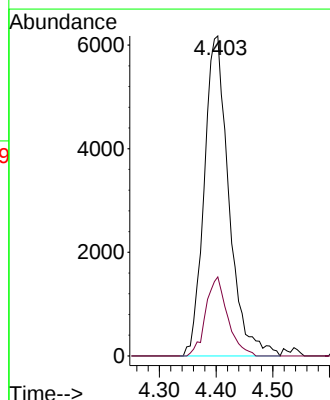
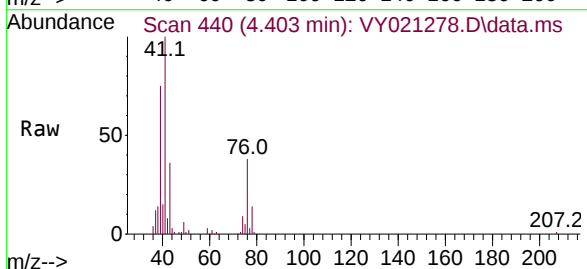
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

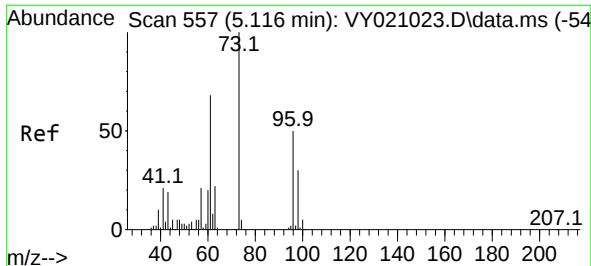
Tgt Ion: 76 Resp: 100550
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 23.914 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 43 Resp: 18728
Ion Ratio Lower Upper
43 100
74 21.8 19.8 29.6

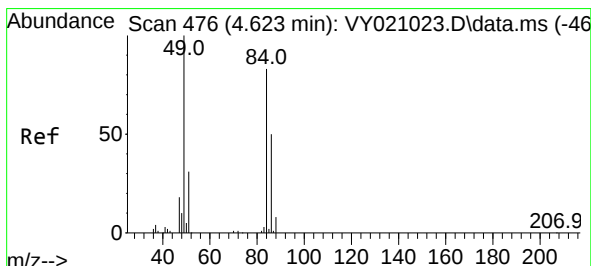
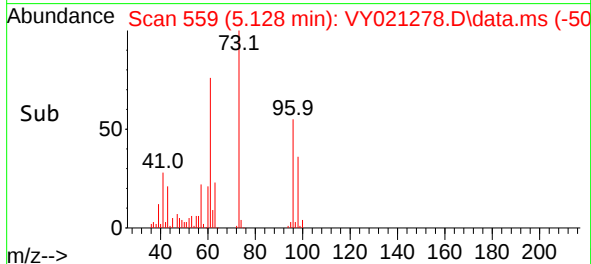
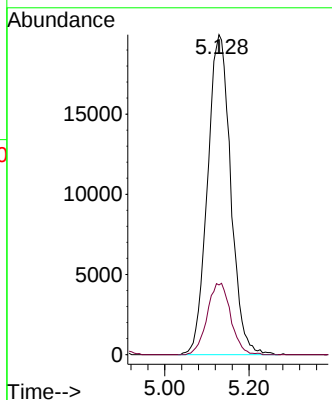
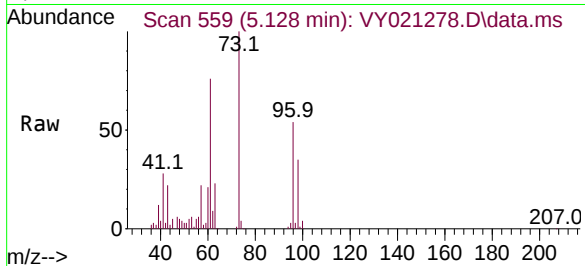




#19
Methyl tert-butyl Ether
Concen: 22.629 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

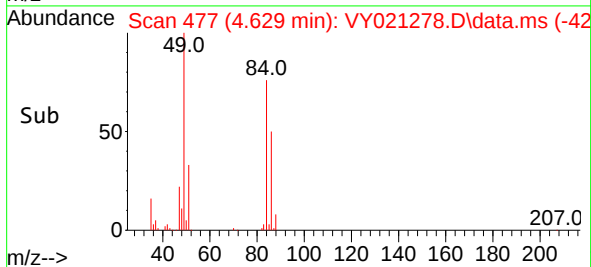
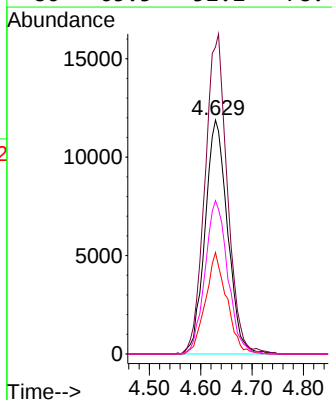
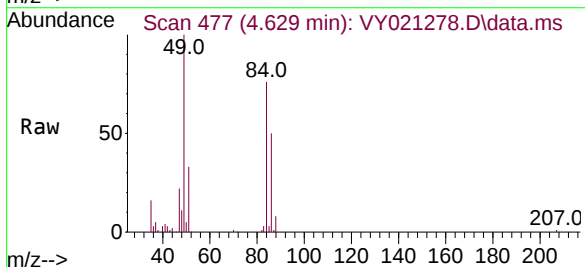
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

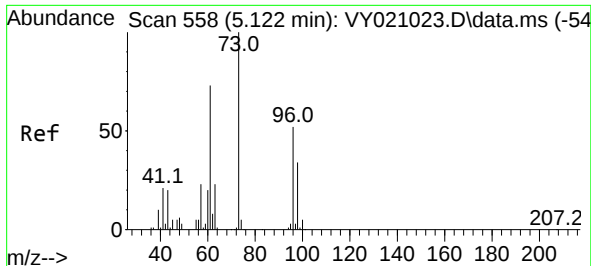
Tgt Ion: 73 Resp: 76144
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 26.099 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 84 Resp: 36196
Ion Ratio Lower Upper
84 100
49 131.2 95.2 142.8
51 43.3 29.9 44.9
86 65.5 52.2 78.4

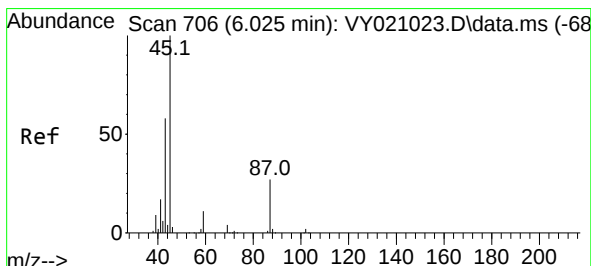
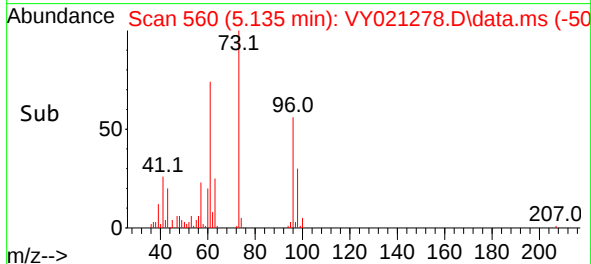
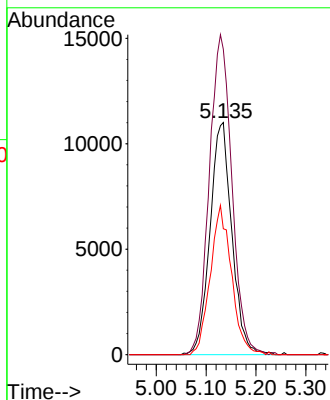
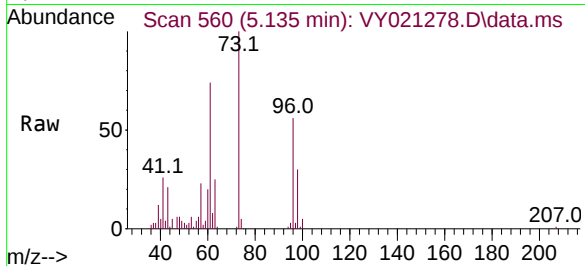




#21
trans-1,2-Dichloroethene
Concen: 23.035 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

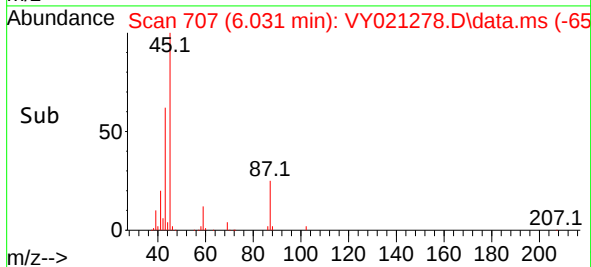
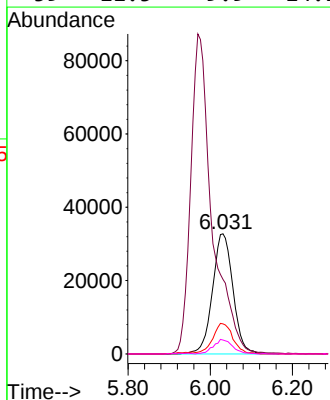
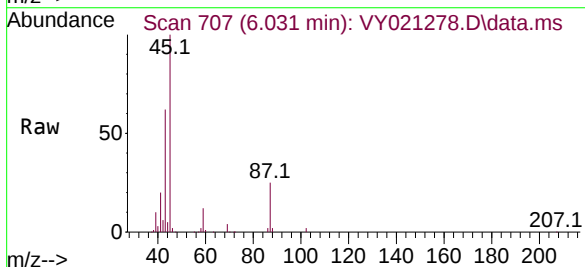
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

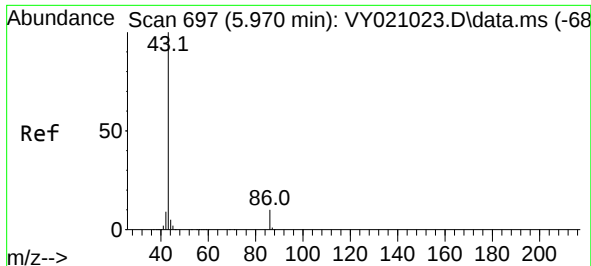
Tgt Ion: 96 Resp: 33755
Ion Ratio Lower Upper
96 100
61 131.6 104.6 156.8
98 54.2 50.9 76.3



#22
Diisopropyl ether
Concen: 24.495 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 45 Resp: 113278
Ion Ratio Lower Upper
45 100
43 61.3 46.8 70.2
87 25.0 22.2 33.2
59 11.5 9.9 14.9

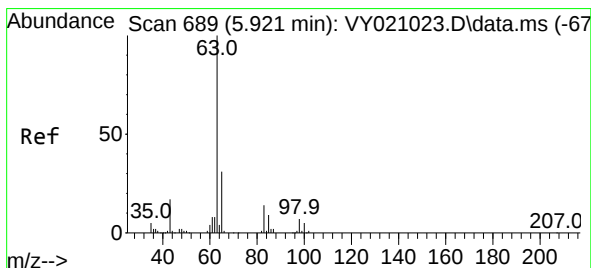
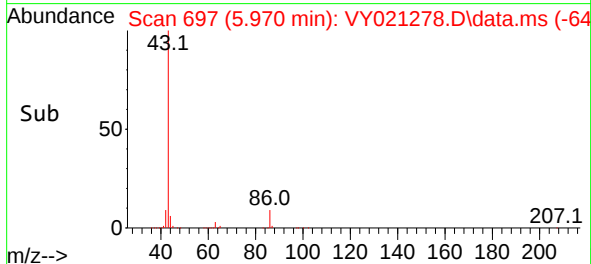
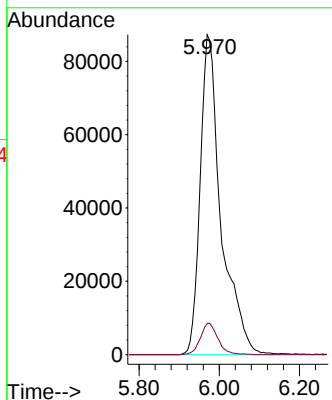
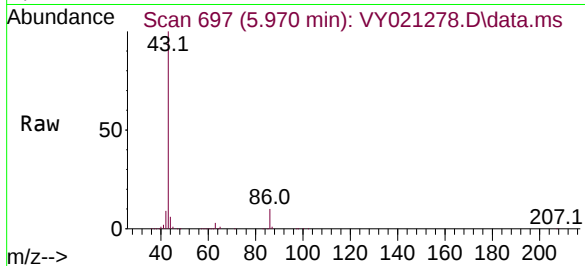




#23
 Vinyl Acetate
 Concen: 122.168 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

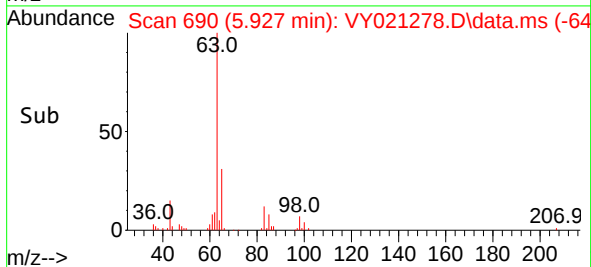
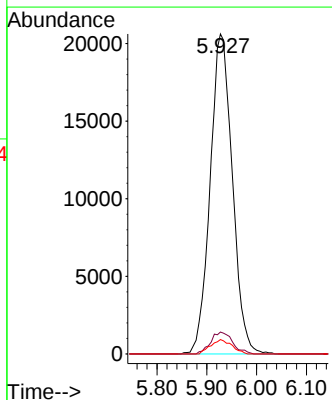
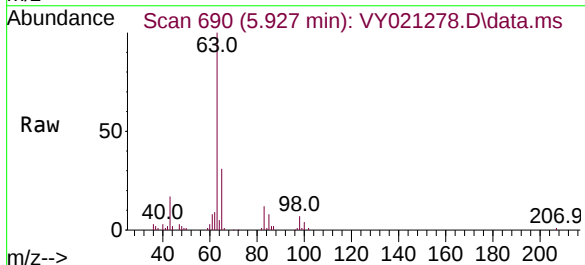
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

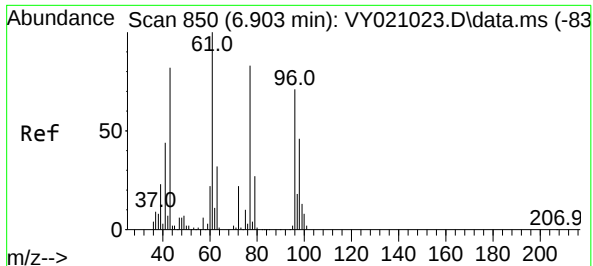
Tgt Ion: 43 Resp: 314955
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 23.608 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

Tgt Ion: 63 Resp: 63967
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 120.956 ug/l

RT: 6.903 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

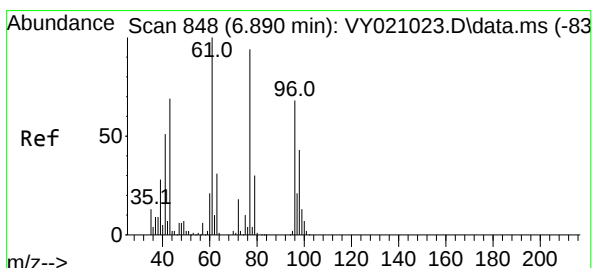
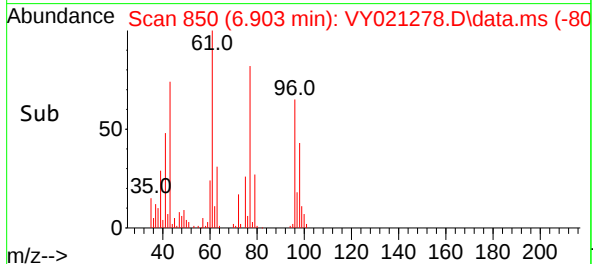
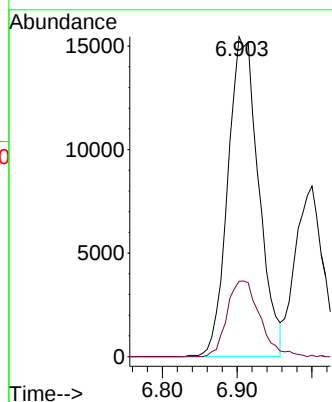
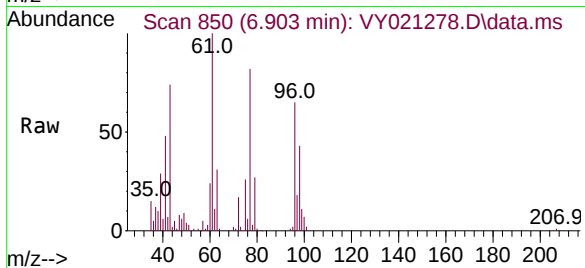
VY0221SBSD01

Tgt Ion: 43 Resp: 44342

Ion Ratio Lower Upper

43 100

72 23.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.269 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021278.D

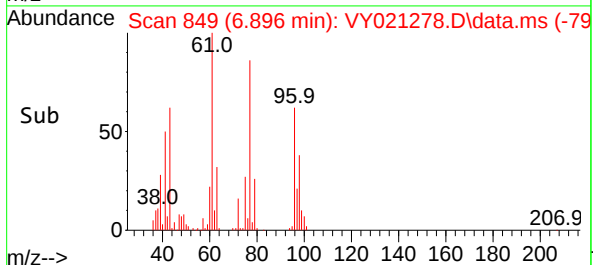
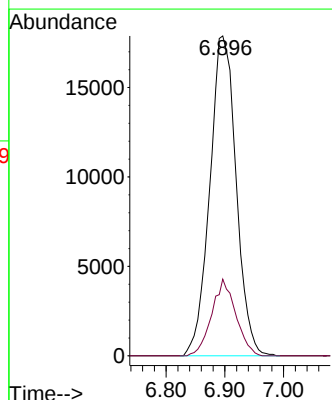
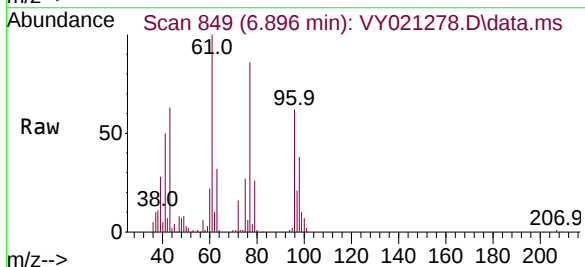
Acq: 21 Feb 2025 12:06

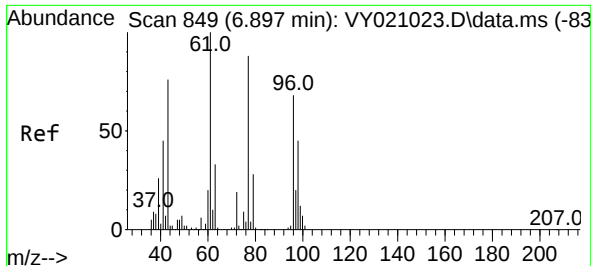
Tgt Ion: 77 Resp: 55829

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0

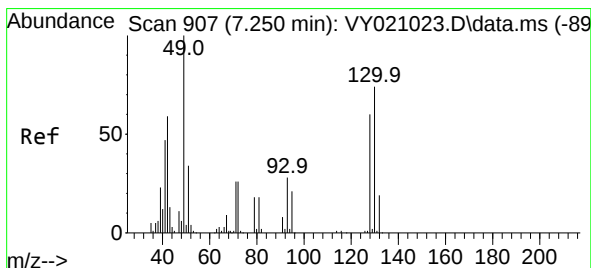
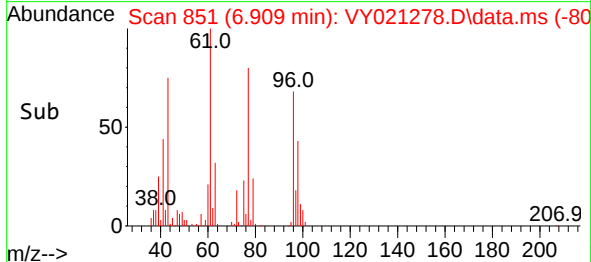
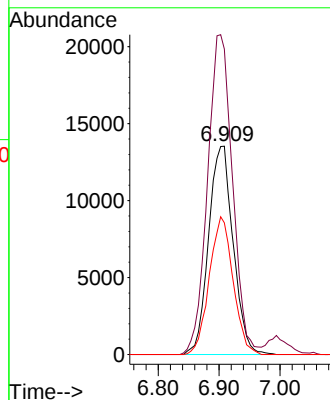
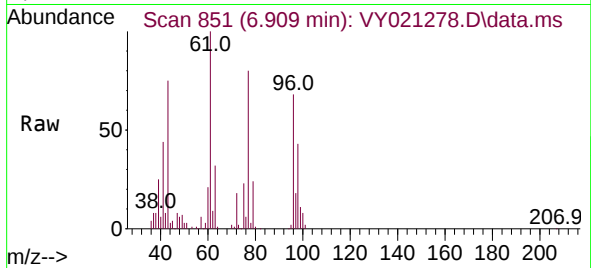




#27
 cis-1,2-Dichloroethene
 Concen: 22.525 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

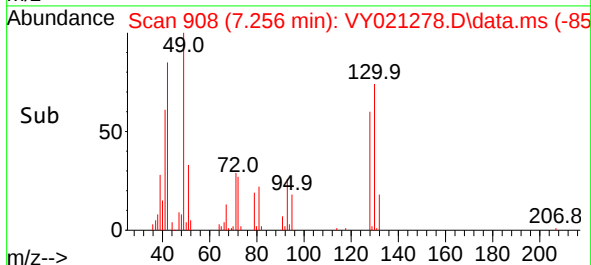
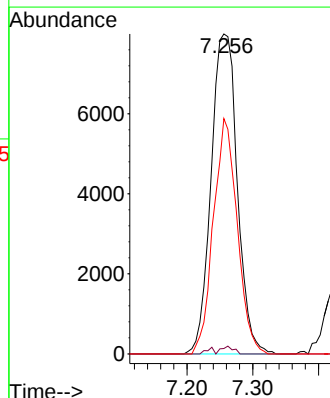
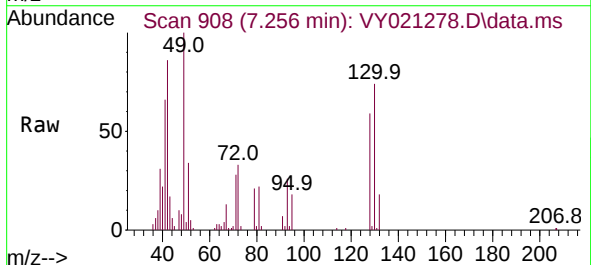
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

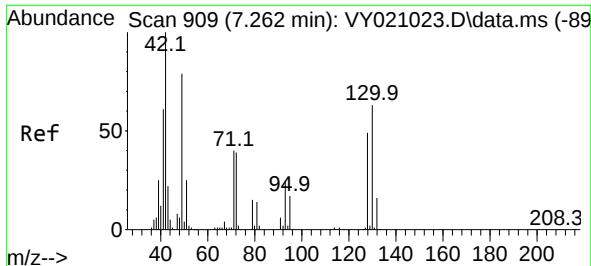
Tgt Ion: 96 Resp: 37994
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 278.8
 98 64.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.615 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

Tgt Ion: 49 Resp: 22087
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 66.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 120.453 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

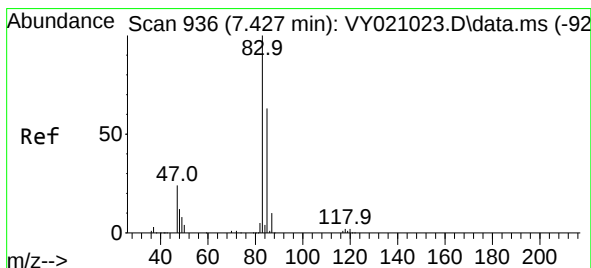
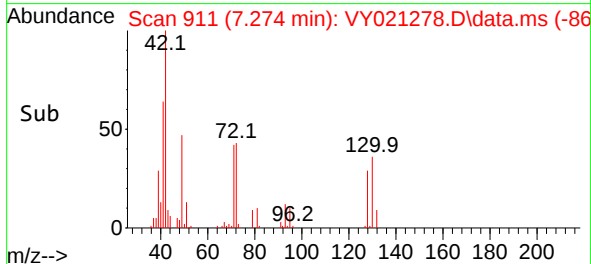
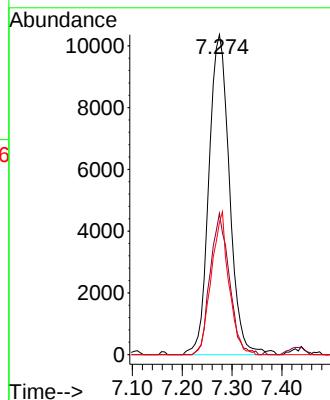
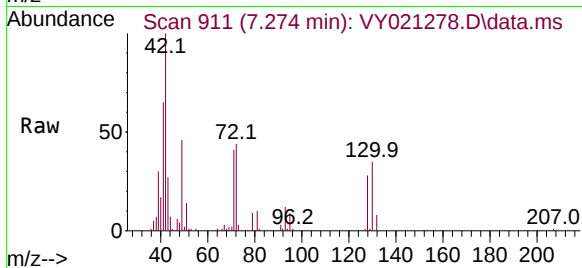
Tgt Ion: 42 Resp: 29880

Ion Ratio Lower Upper

42 100

72 40.9 36.6 54.8

71 38.2 33.8 50.6



#30

Chloroform

Concen: 22.842 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021278.D

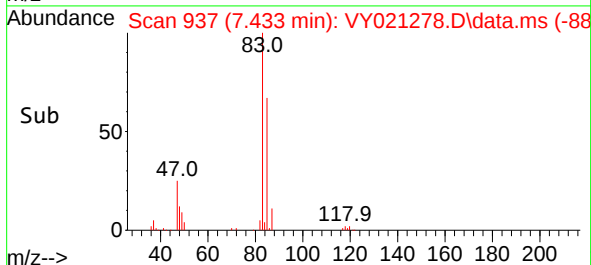
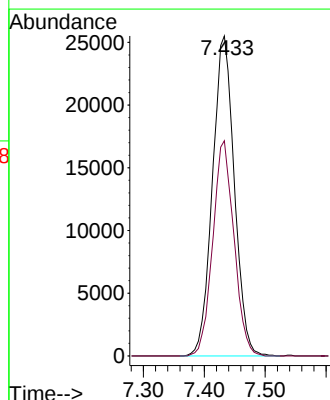
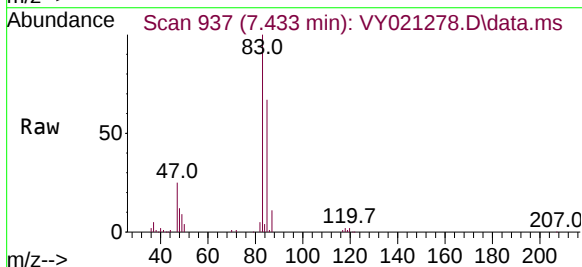
Acq: 21 Feb 2025 12:06

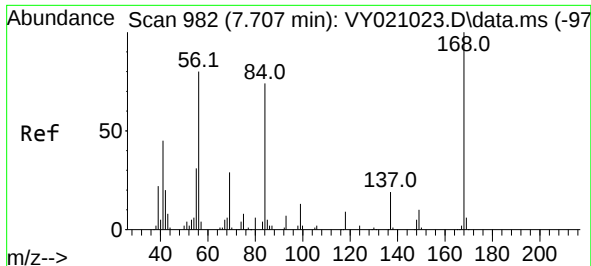
Tgt Ion: 83 Resp: 63572

Ion Ratio Lower Upper

83 100

85 67.2 51.2 76.8

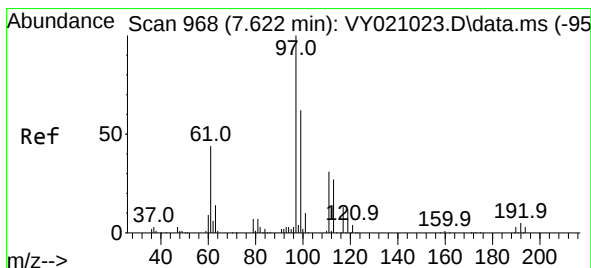
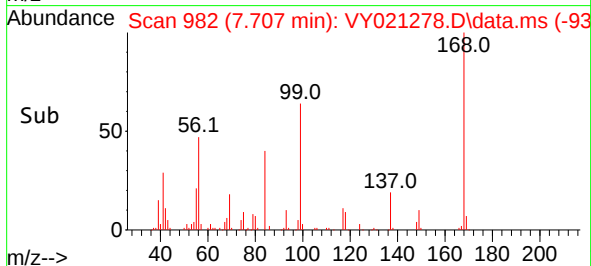
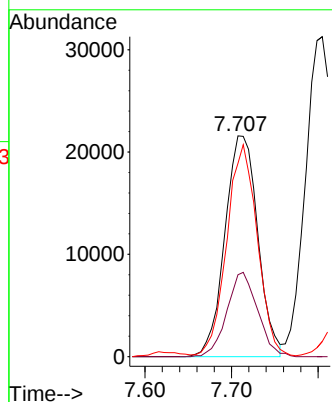
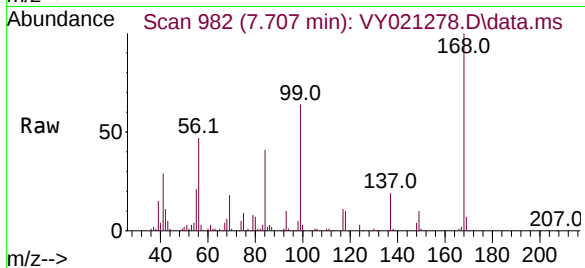




#31
Cyclohexane
Concen: 23.435 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

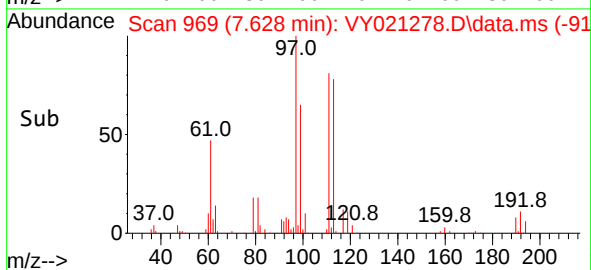
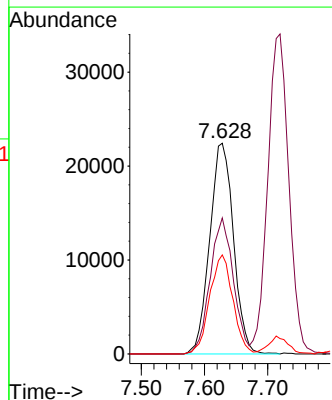
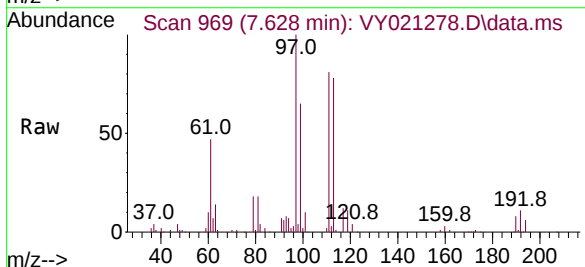
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

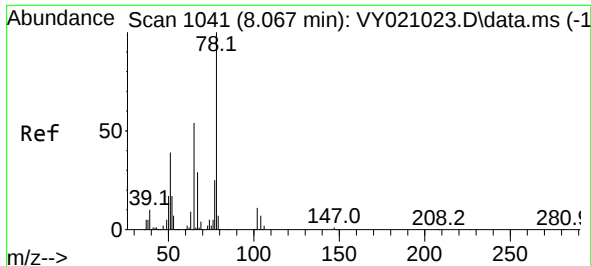
Tgt Ion: 56 Resp: 57180
Ion Ratio Lower Upper
56 100
69 37.1 27.0 40.6
84 86.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.612 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 97 Resp: 58508
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 45.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 54.537 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

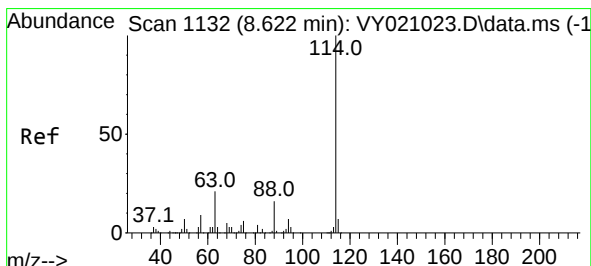
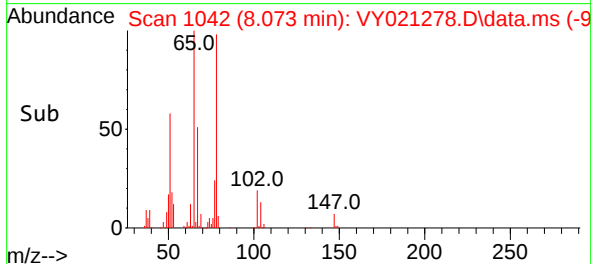
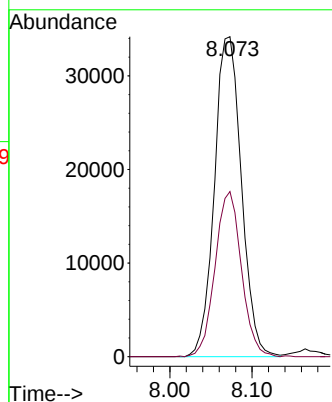
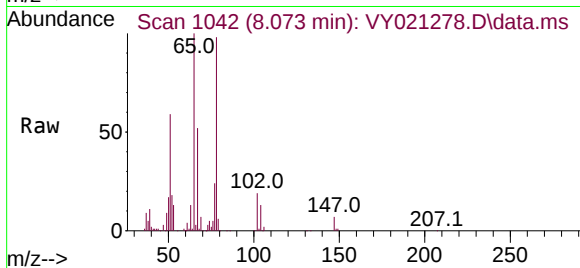
VY0221SBSD01

Tgt Ion: 65 Resp: 78017

Ion Ratio Lower Upper

65 100

67 50.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

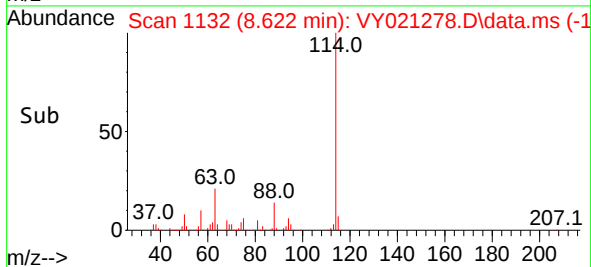
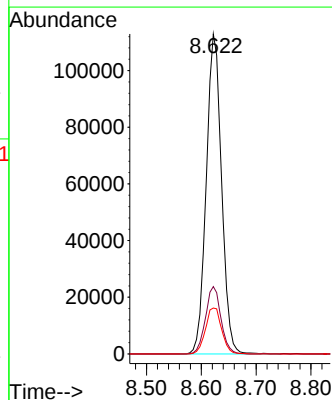
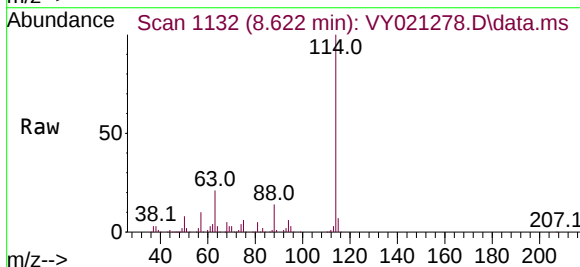
Tgt Ion: 114 Resp: 219087

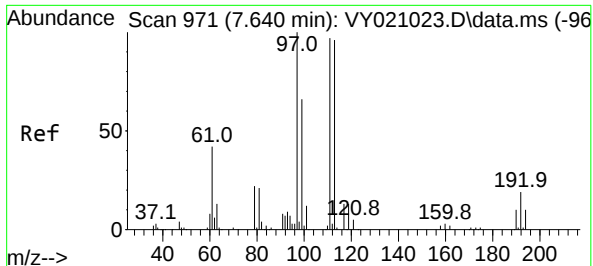
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.475 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

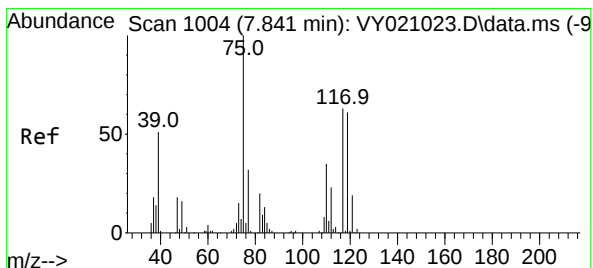
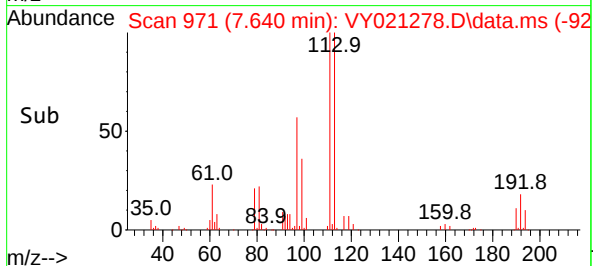
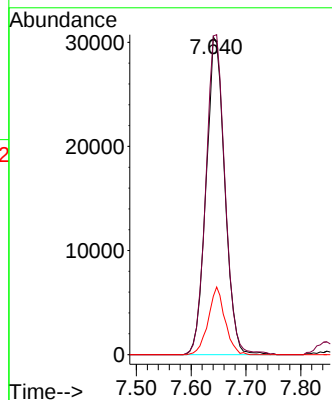
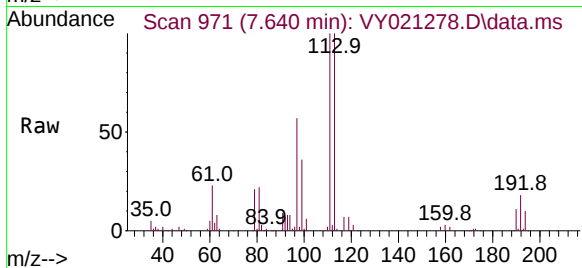
Tgt Ion:113 Resp: 72274

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 19.1 14.5 21.7



#36

1,1-Dichloropropene

Concen: 23.147 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

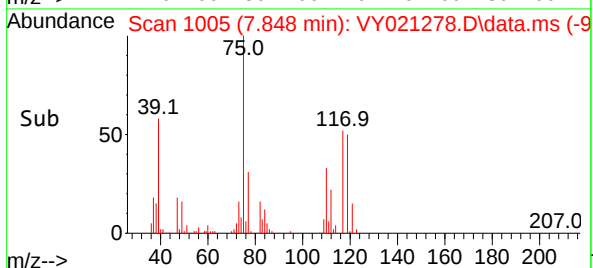
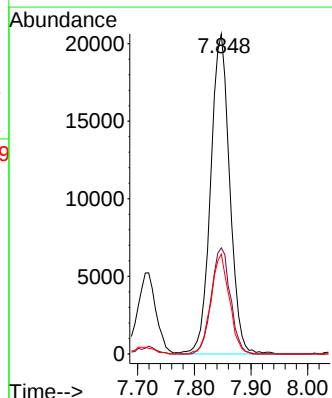
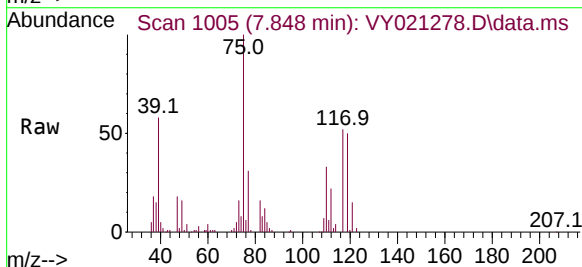
Tgt Ion: 75 Resp: 48137

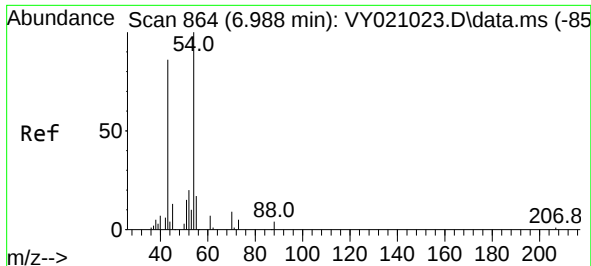
Ion Ratio Lower Upper

75 100

110 33.0 17.4 52.3

77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 24.444 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

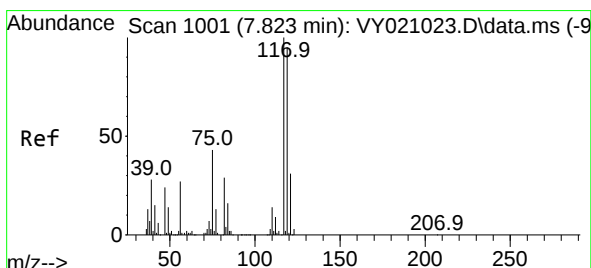
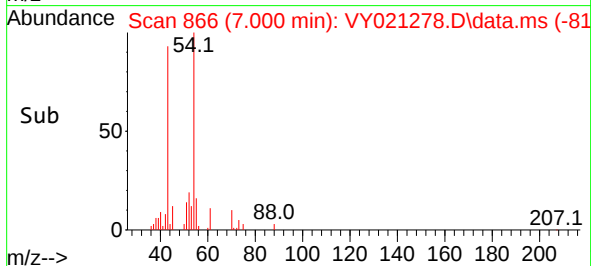
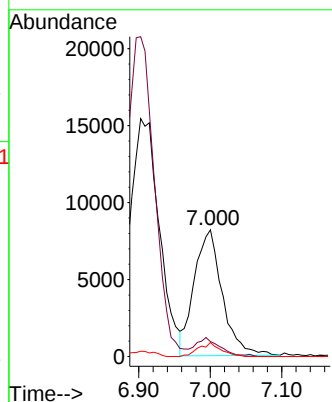
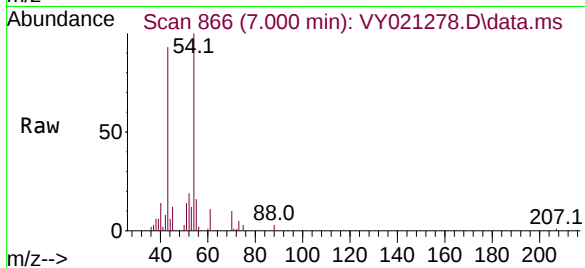
Tgt Ion: 43 Resp: 22301

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 22.174 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

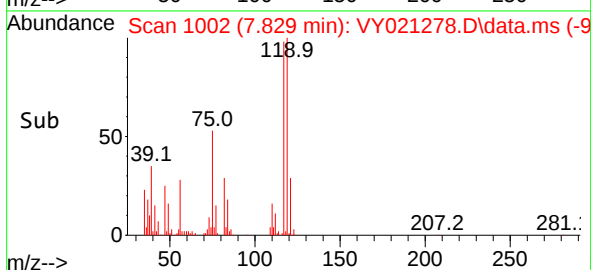
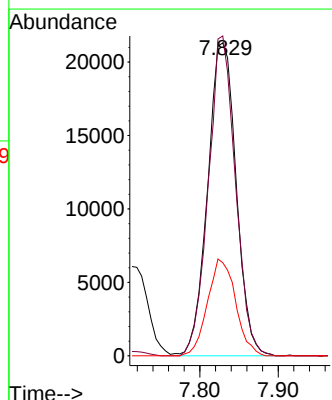
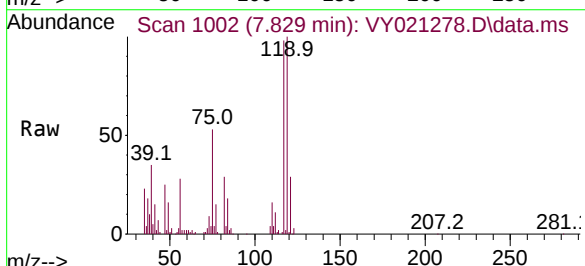
Tgt Ion: 117 Resp: 53883

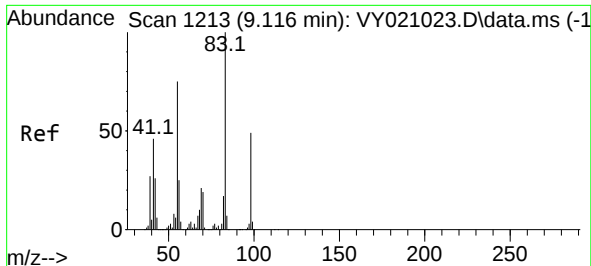
Ion Ratio Lower Upper

117 100

119 102.2 76.0 114.0

121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 23.088 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

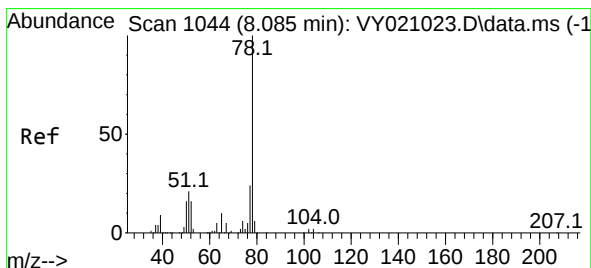
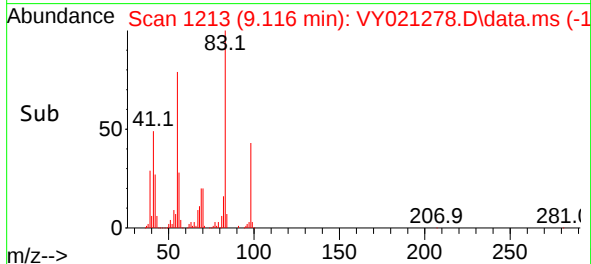
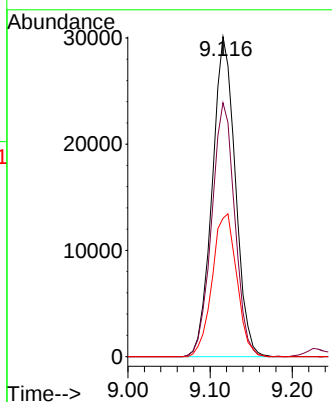
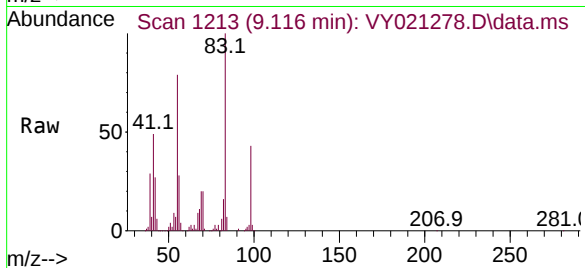
Tgt Ion: 83 Resp: 58732

Ion Ratio Lower Upper

83 100

55 79.3 59.7 89.5

98 43.2 38.0 57.0



#40

Benzene

Concen: 23.133 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021278.D

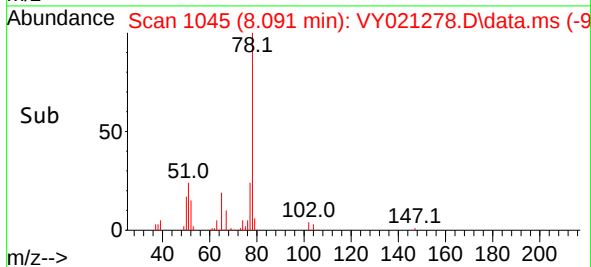
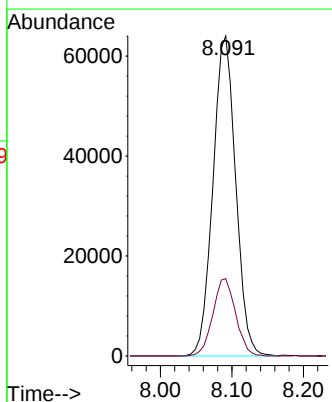
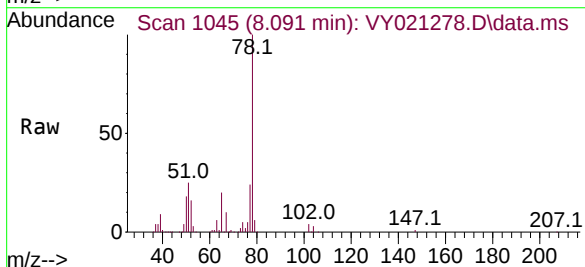
Acq: 21 Feb 2025 12:06

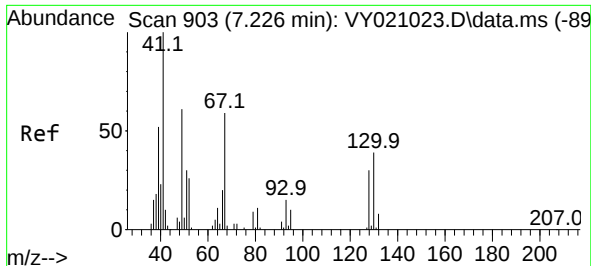
Tgt Ion: 78 Resp: 141179

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

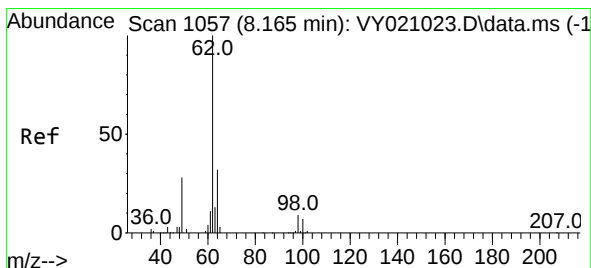
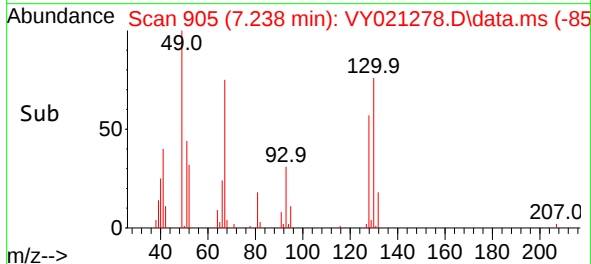
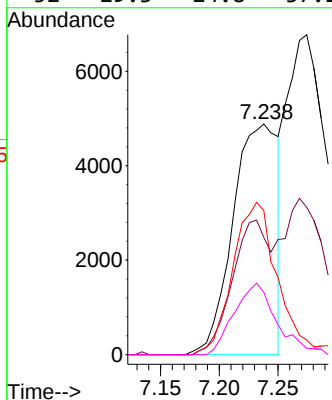
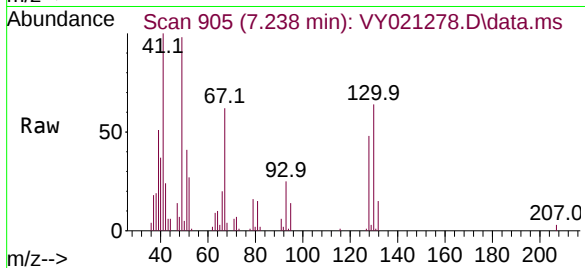




#41
Methacrylonitrile
Concen: 24.645 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

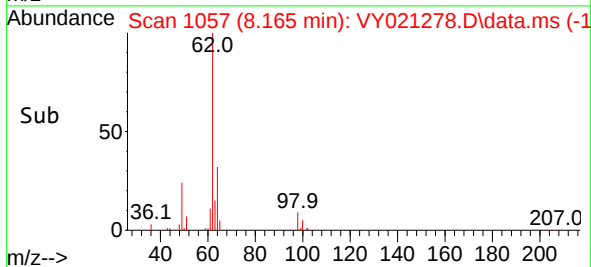
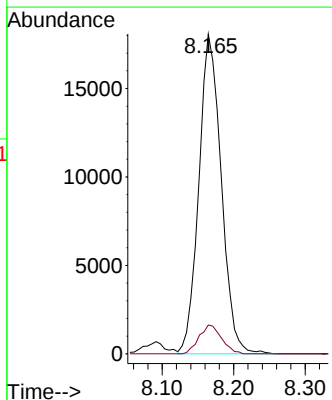
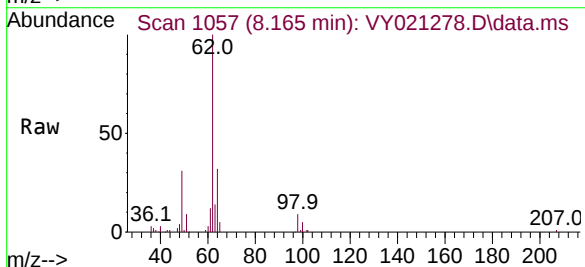
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

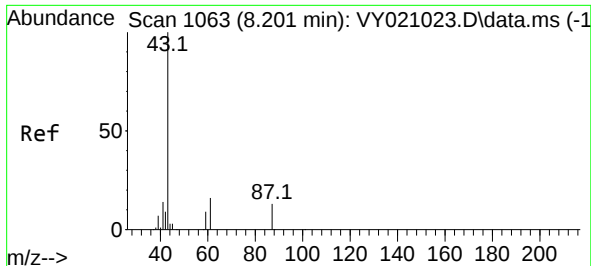
Tgt Ion:	41	Resp:	13008
Ion	Ratio	Lower	Upper
41	100		
39	48.1	41.9	62.9
67	66.5	59.8	89.6
52	29.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 23.262 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:	62	Resp:	39382
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

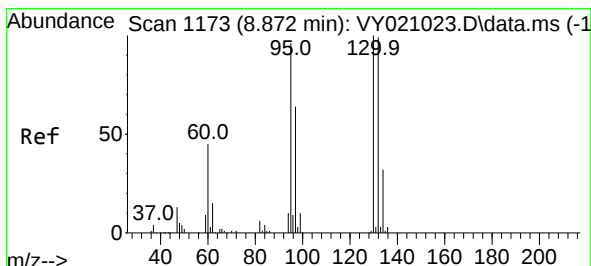
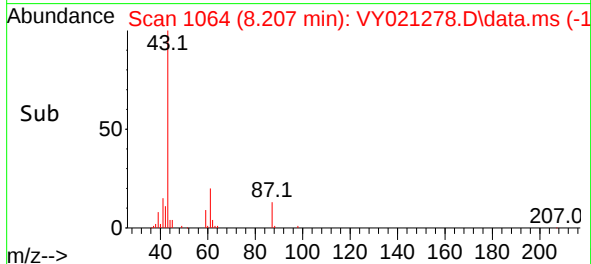
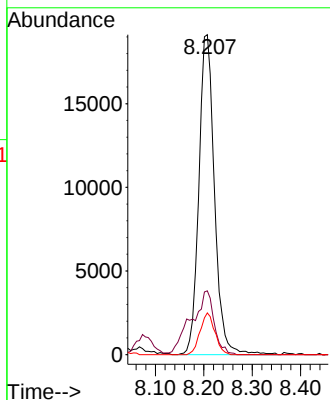
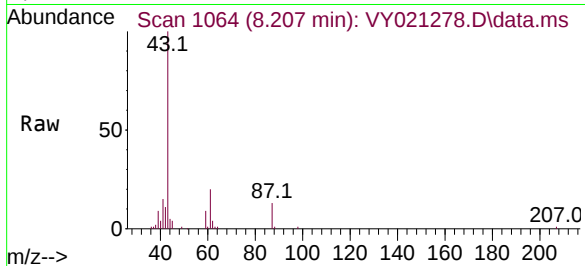




#43
Isopropyl Acetate
Concen: 23.686 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

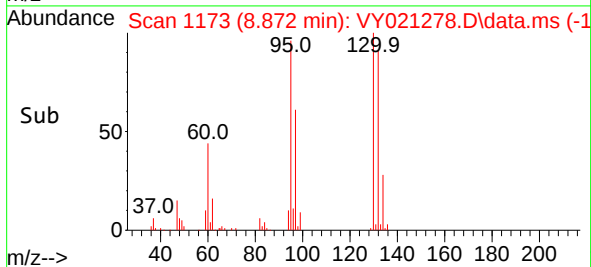
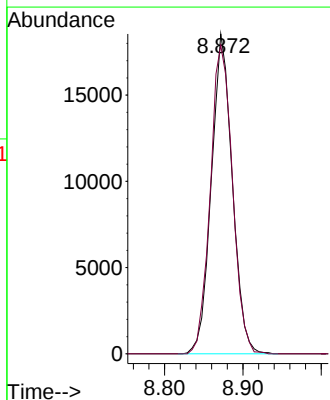
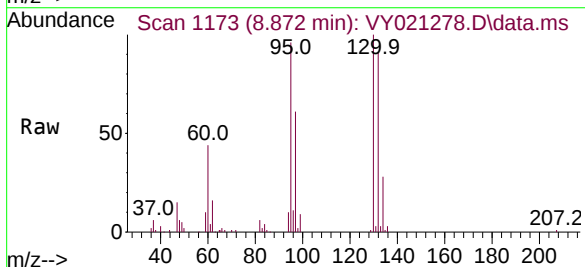
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

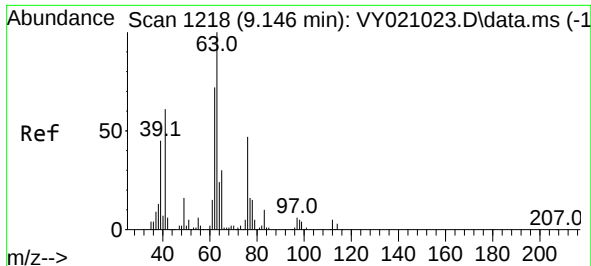
Tgt Ion: 43 Resp: 42938
Ion Ratio Lower Upper
43 100
61 29.1 24.8 37.2
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 21.864 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:130 Resp: 34475
Ion Ratio Lower Upper
130 100
95 96.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 23.284 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

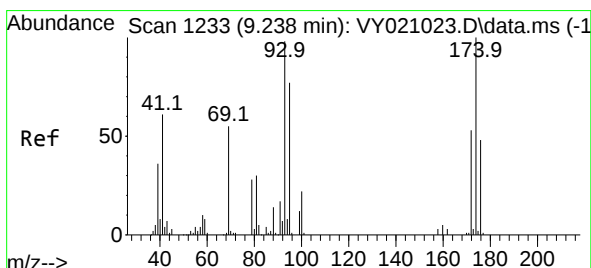
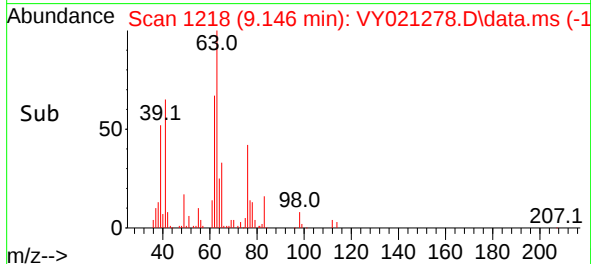
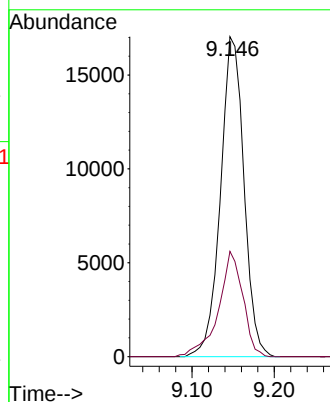
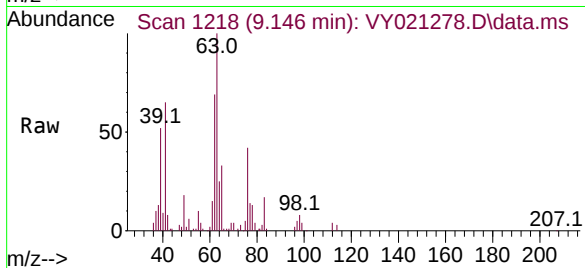
VY0221SBSD01

Tgt Ion: 63 Resp: 33728

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#46

Dibromomethane

Concen: 22.437 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

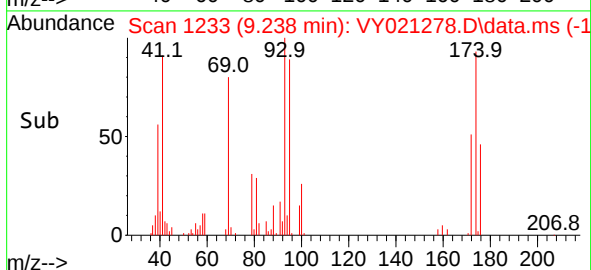
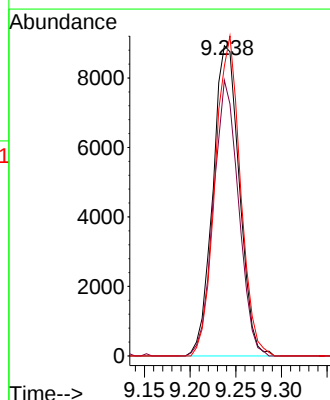
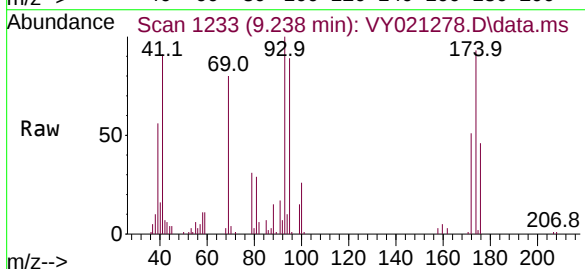
Tgt Ion: 93 Resp: 17995

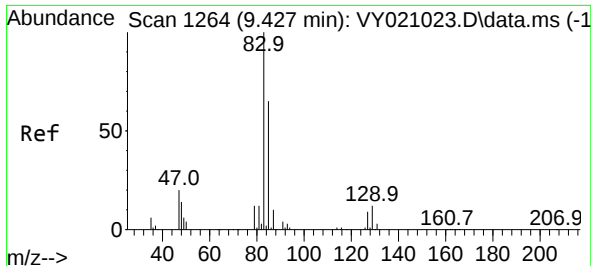
Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

174 98.1 73.8 110.6

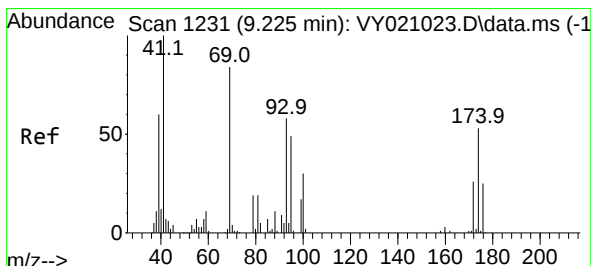
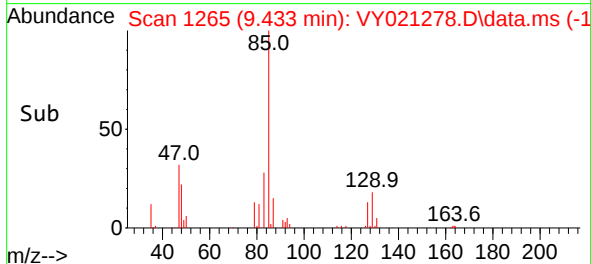
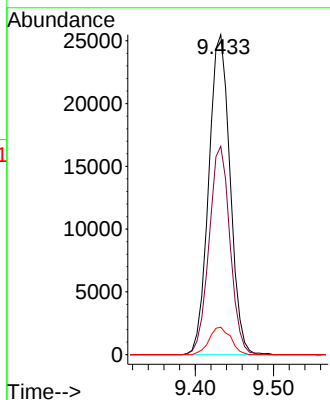
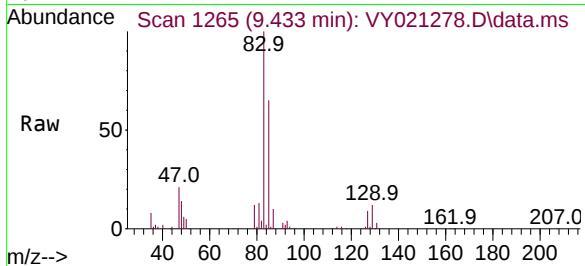




#47
 Bromodichloromethane
 Concen: 22.362 ug/l
 RT: 9.433 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

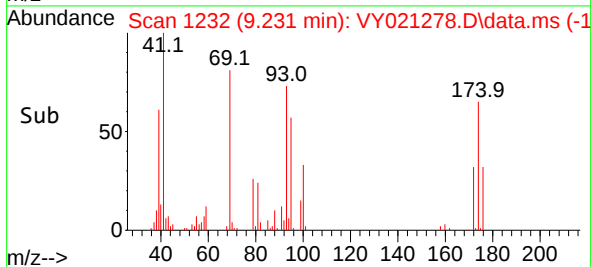
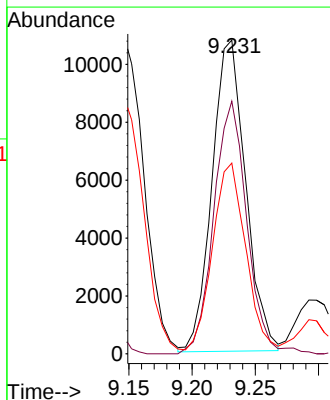
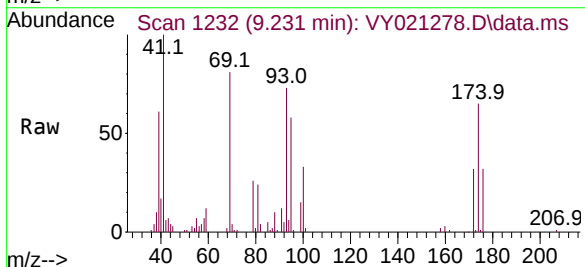
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

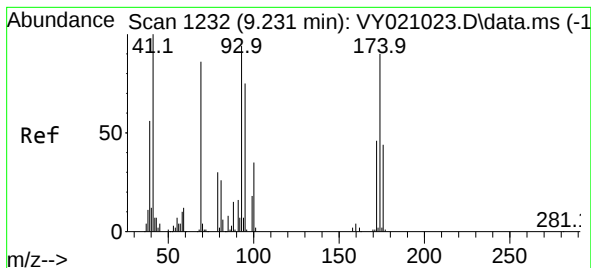
Tgt Ion: 83 Resp: 48100
 Ion Ratio Lower Upper
 83 100
 85 65.1 53.2 79.8
 127 8.6 6.4 9.6



#48
 Methyl methacrylate
 Concen: 24.080 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.006 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

Tgt Ion: 41 Resp: 19884
 Ion Ratio Lower Upper
 41 100
 69 79.9 72.1 108.1
 39 59.3 42.8 64.2





#49

1,4-Dioxane

Concen: 437.831 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

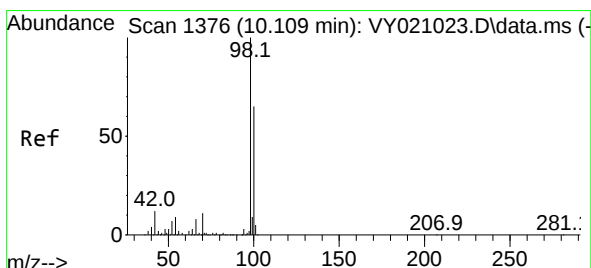
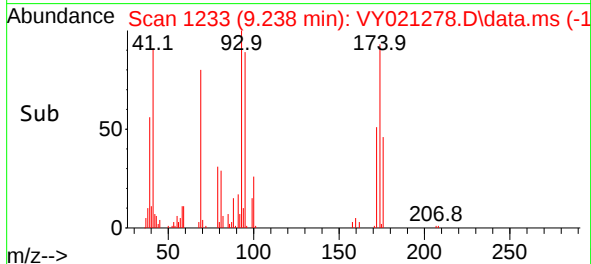
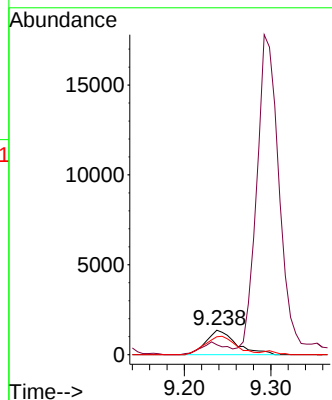
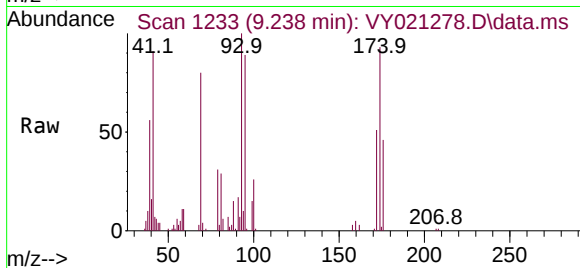
Tgt Ion: 88 Resp: 3269

Ion Ratio Lower Upper

88 100

43 41.8 28.2 42.4

58 77.2 52.2 78.2



#50

Toluene-d8

Concen: 50.406 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021278.D

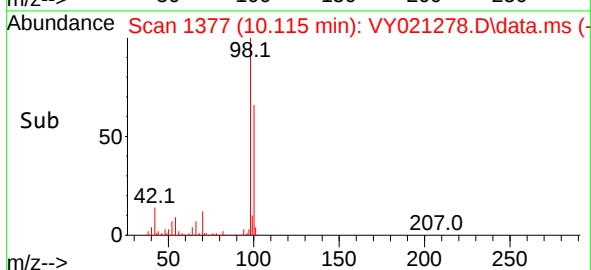
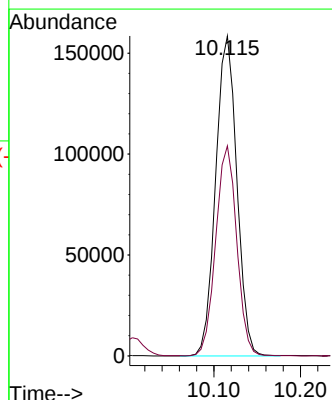
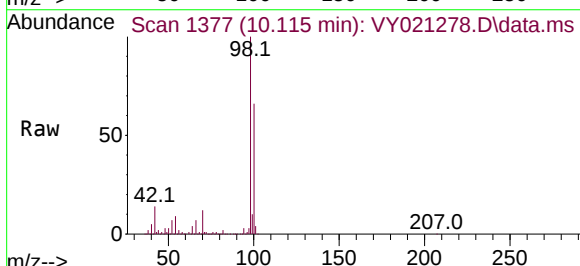
Acq: 21 Feb 2025 12:06

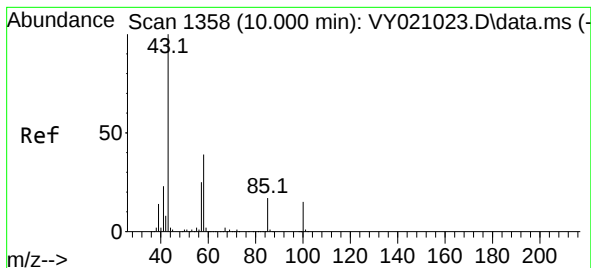
Tgt Ion: 98 Resp: 269439

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

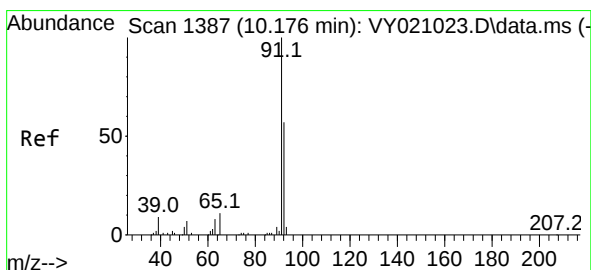
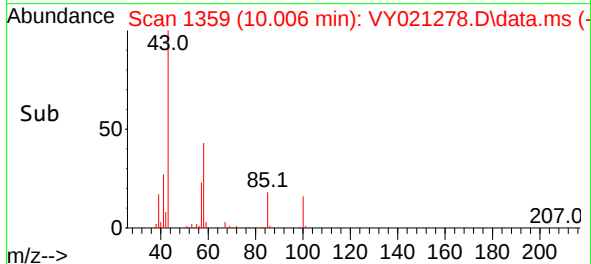
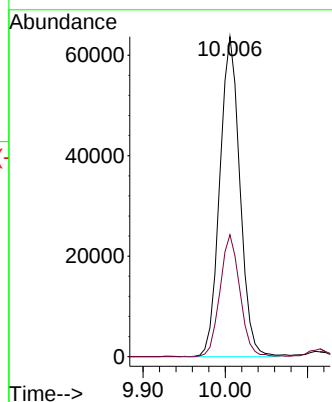
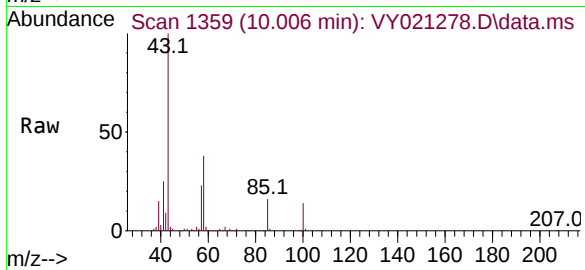




#51
4-Methyl-2-Pentanone
Concen: 118.745 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

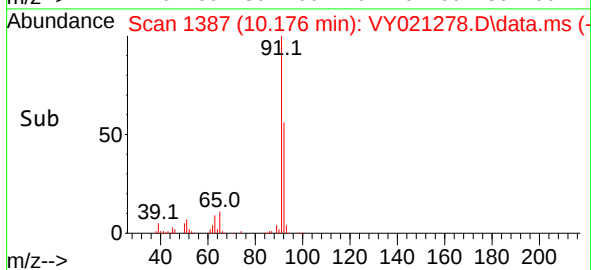
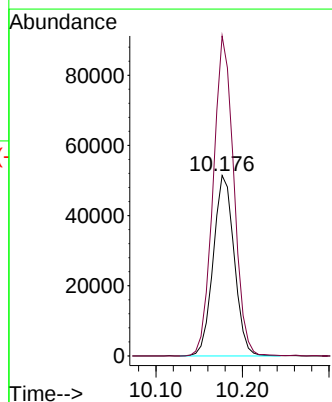
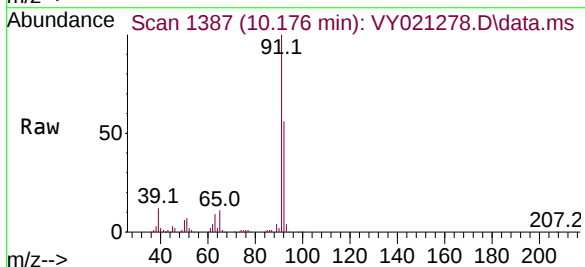
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

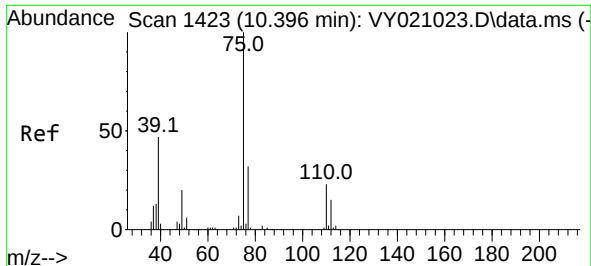
Tgt Ion: 43 Resp: 108248
Ion Ratio Lower Upper
43 100
58 37.7 32.2 48.2



#52
Toluene
Concen: 22.631 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 92 Resp: 86723
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 22.516 ug/l

RT: 10.402 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

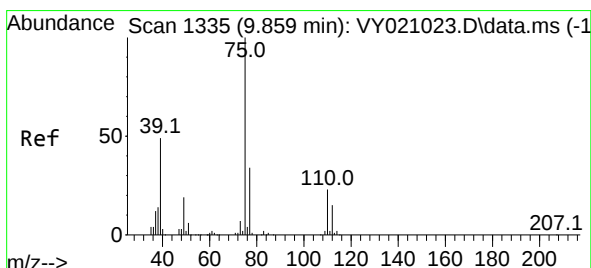
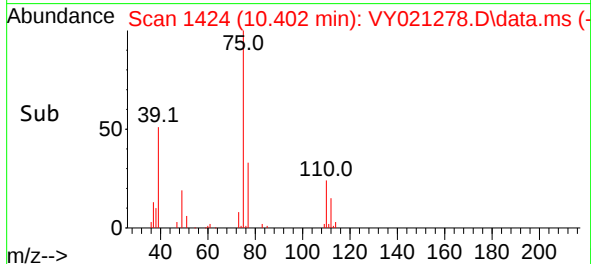
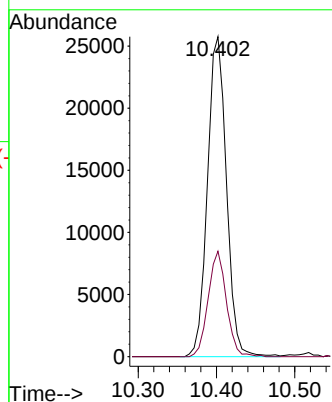
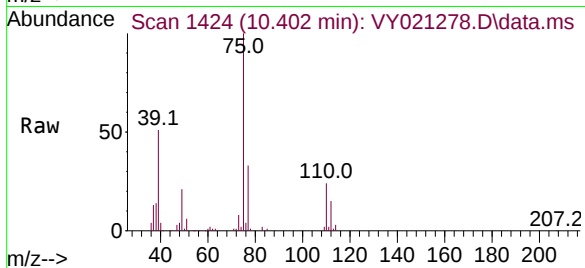
VY0221SBS01

Tgt Ion: 75 Resp: 43488

Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 22.881 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

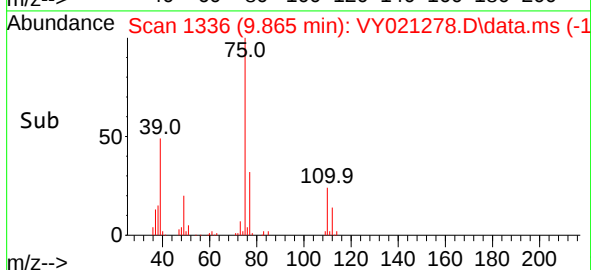
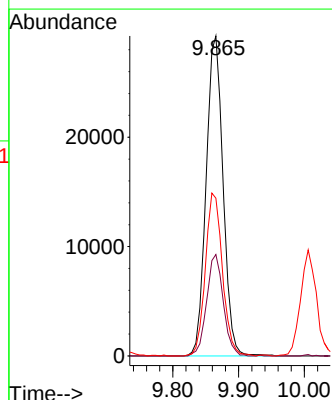
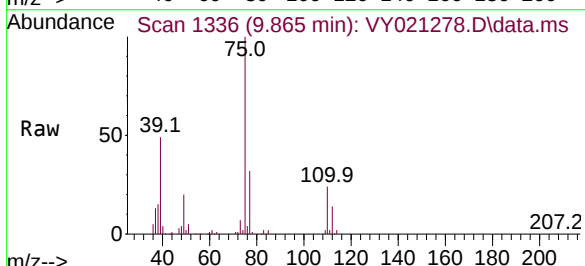
Tgt Ion: 75 Resp: 52326

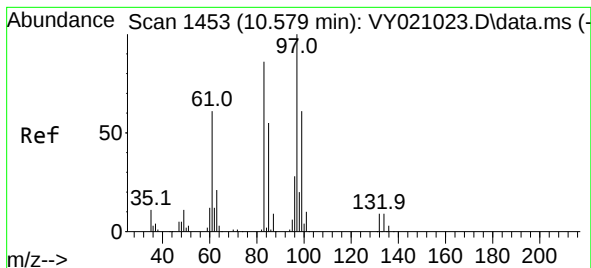
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 49.3 33.6 50.4

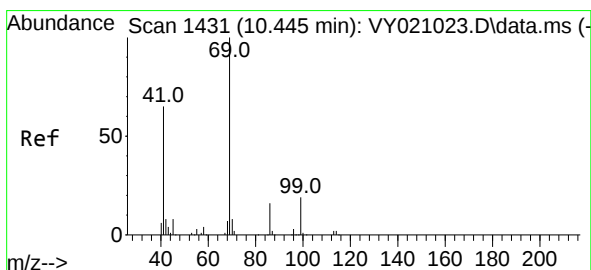
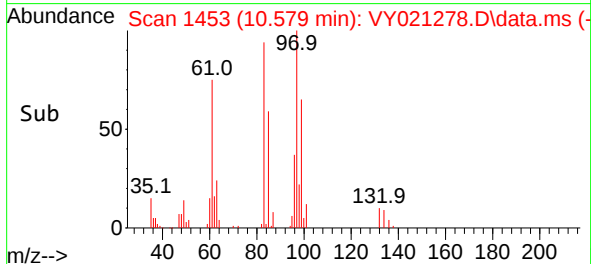
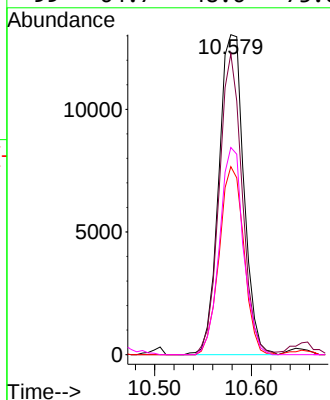
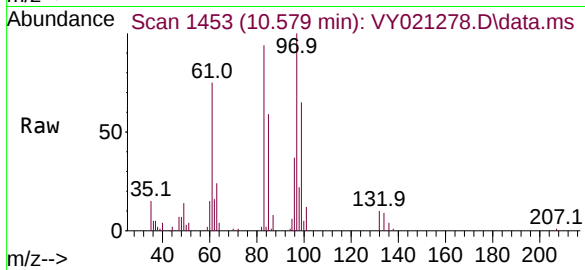




#55
1,1,2-Trichloroethane
Concen: 22.568 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

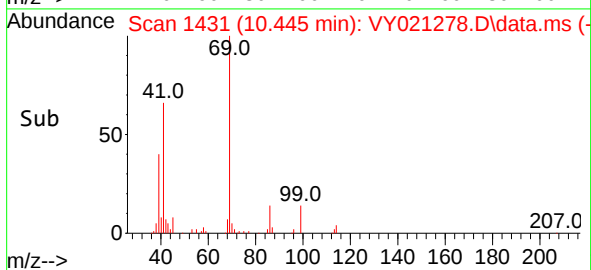
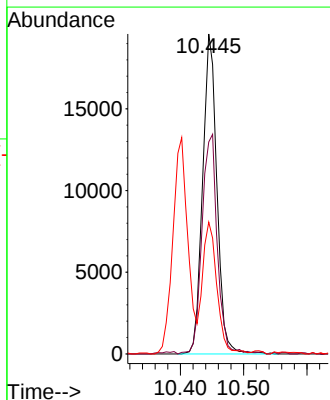
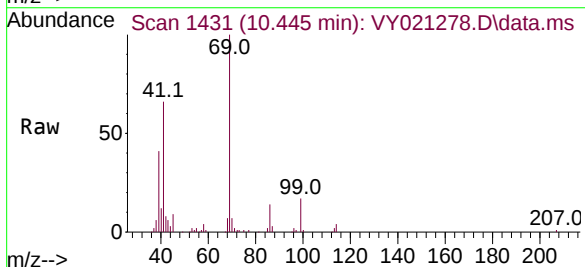
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

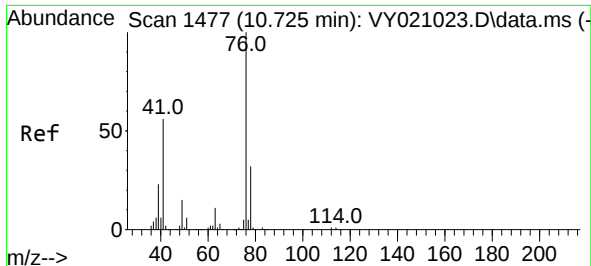
Tgt Ion: 97	Resp: 23439
Ion Ratio	Lower Upper
97 100	
83 94.0	69.4 104.2
85 58.7	43.9 65.9
99 64.7	48.6 73.0



#56
Ethyl methacrylate
Concen: 21.953 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 69	Resp: 30501
Ion Ratio	Lower Upper
69 100	
41 74.0	49.2 73.8#
39 40.2	26.8 40.2#

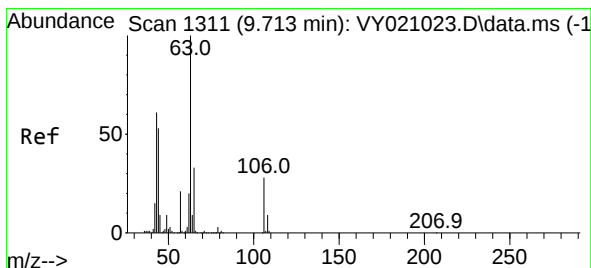
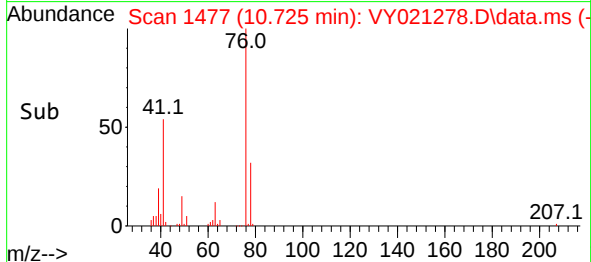
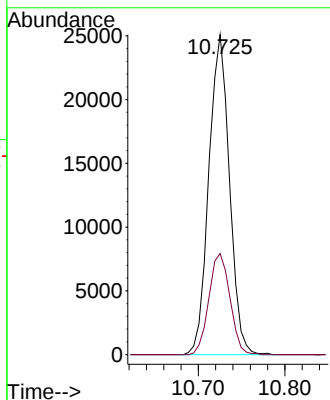
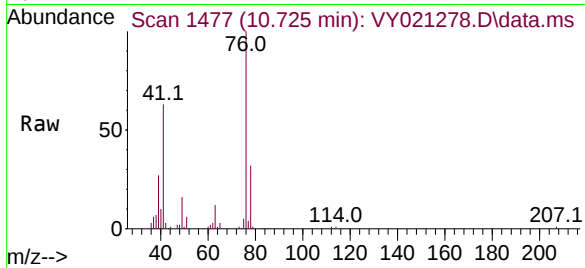




#57
1,3-Dichloropropane
Concen: 23.129 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

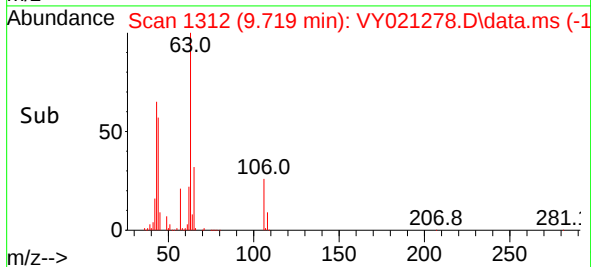
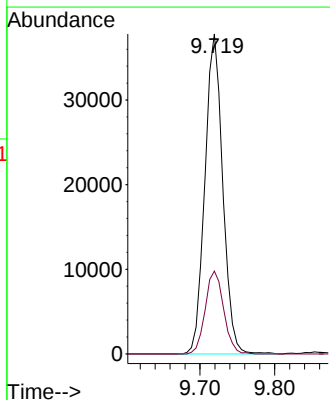
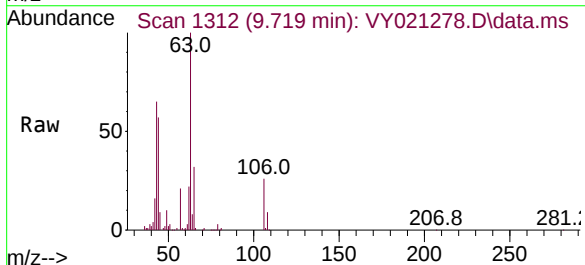
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

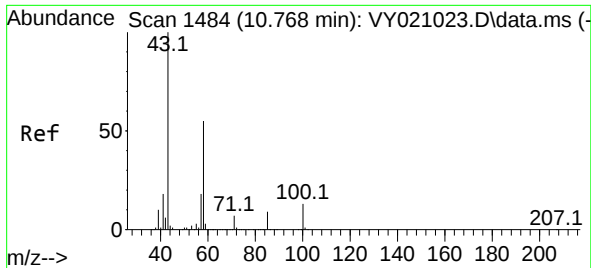
Tgt Ion: 76 Resp: 41578
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 94.832 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 63 Resp: 62684
Ion Ratio Lower Upper
63 100
106 26.7 22.4 33.6

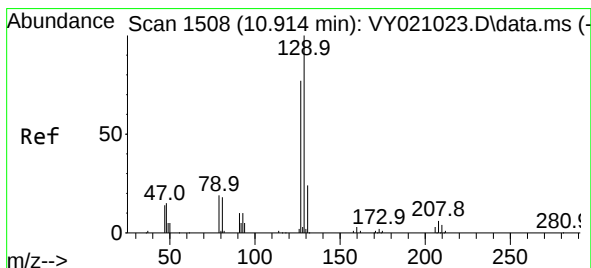
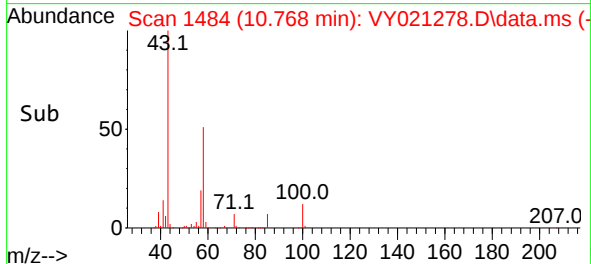
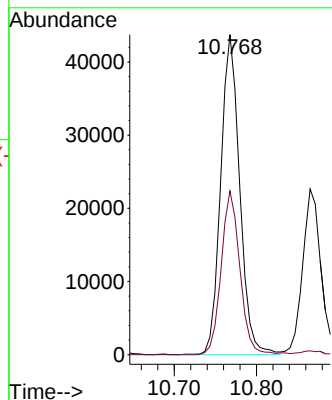
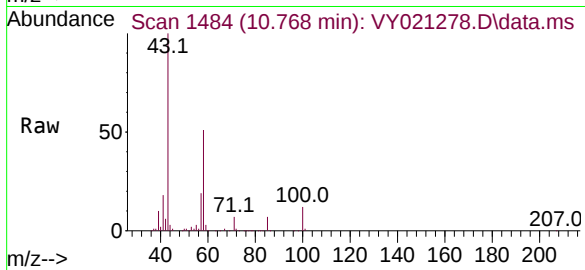




#59
2-Hexanone
Concen: 119.435 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

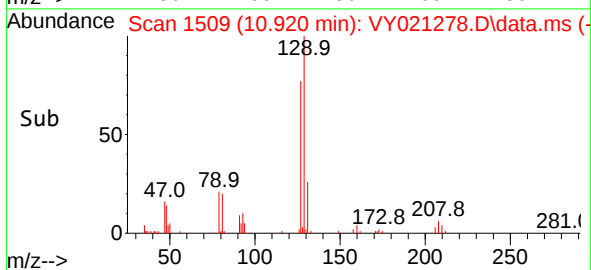
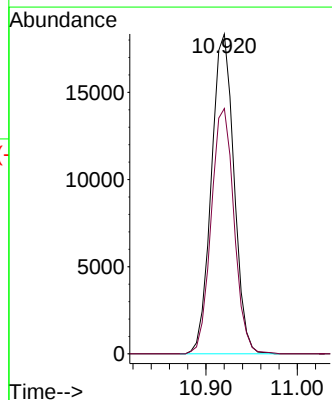
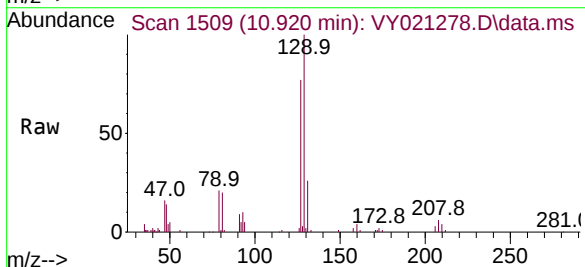
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

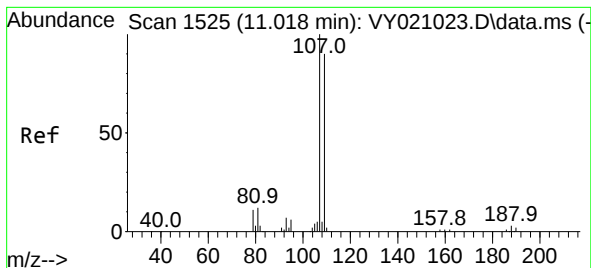
Tgt Ion: 43 Resp: 70102
Ion Ratio Lower Upper
43 100
58 50.4 28.1 84.3



#60
Dibromochloromethane
Concen: 21.635 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 129 Resp: 31556
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

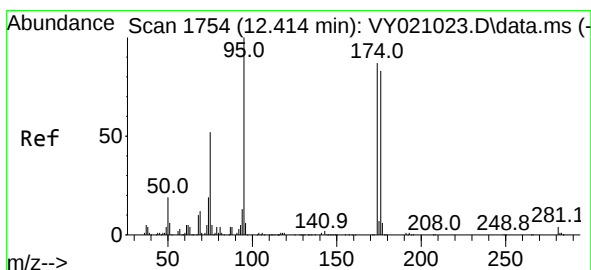
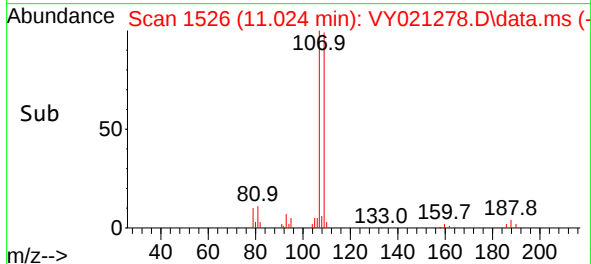
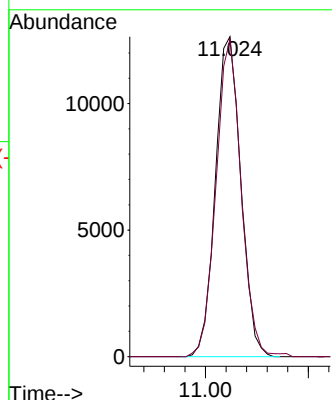
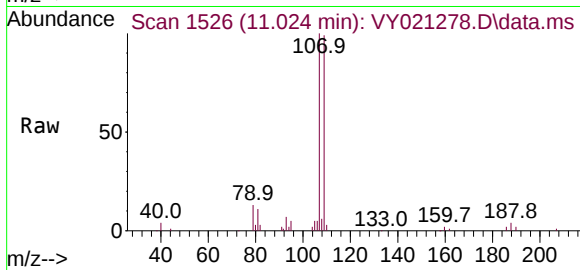




#61
1,2-Dibromoethane
Concen: 22.304 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

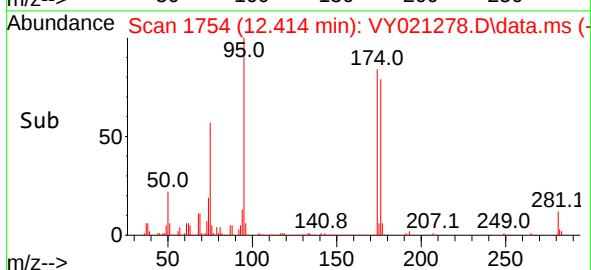
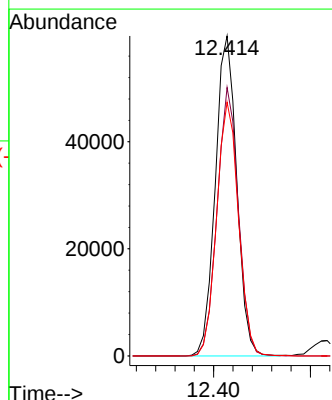
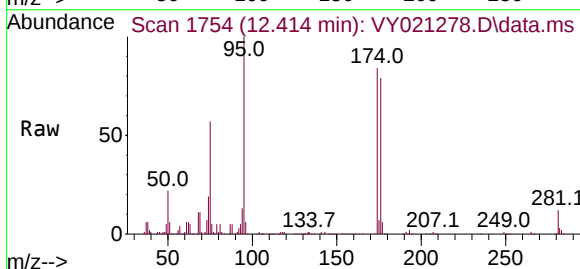
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

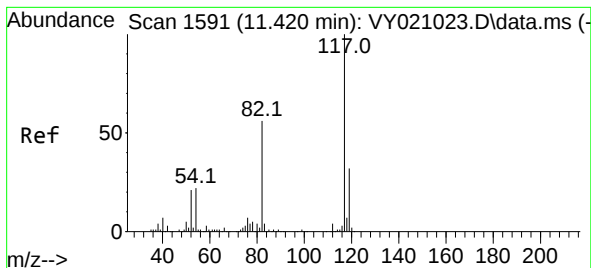
Tgt Ion:107 Resp: 21698
Ion Ratio Lower Upper
107 100
109 98.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 95 Resp: 91929
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 80.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

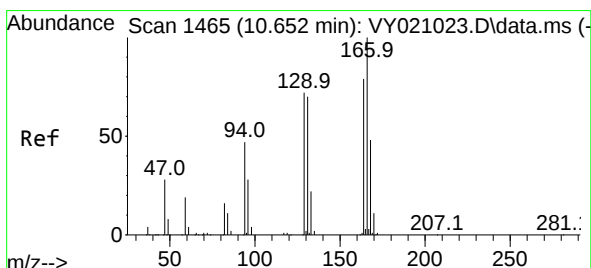
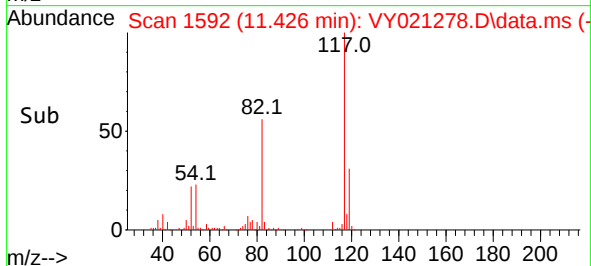
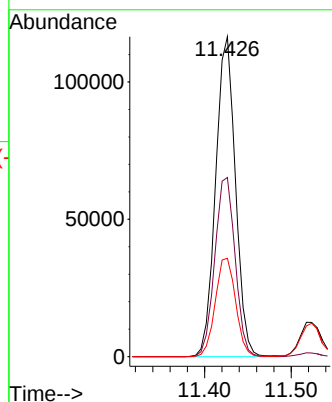
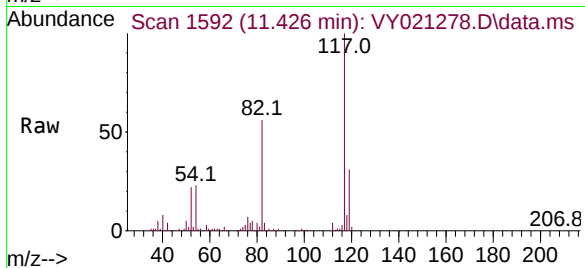
Tgt Ion:117 Resp: 186030

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 30.7 26.5 39.7



#64

Tetrachloroethene

Concen: 22.761 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Tgt Ion:164 Resp: 31433

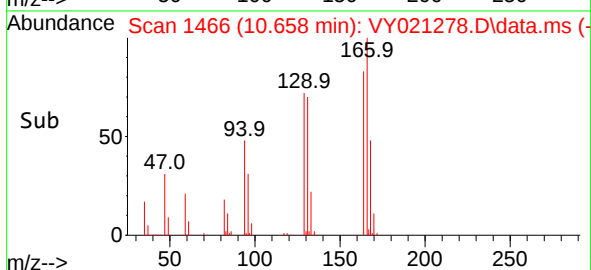
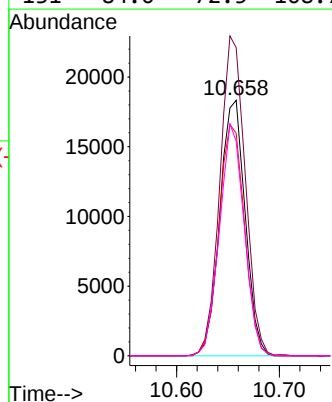
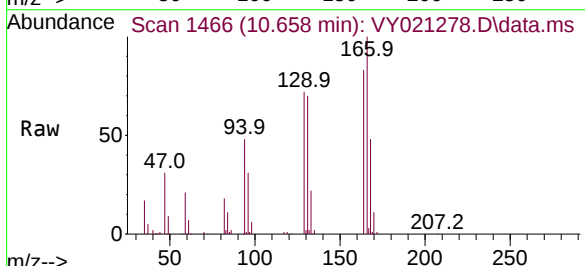
Ion Ratio Lower Upper

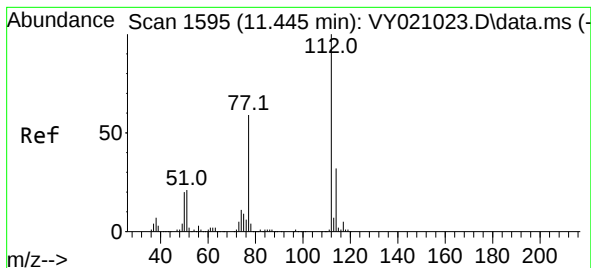
164 100

166 120.6 98.8 148.2

129 87.1 78.9 118.3

131 84.0 72.5 108.7

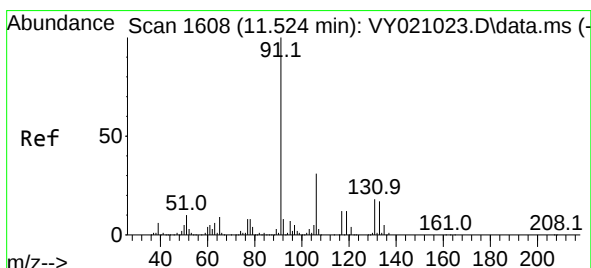
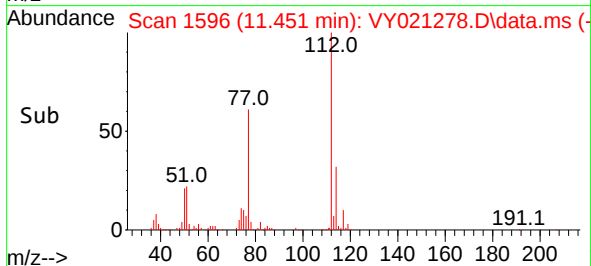
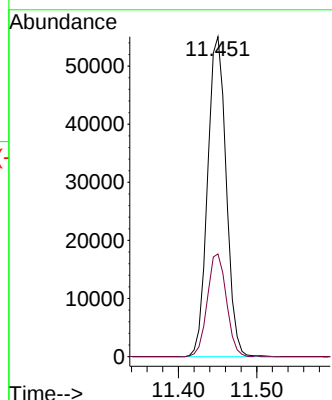
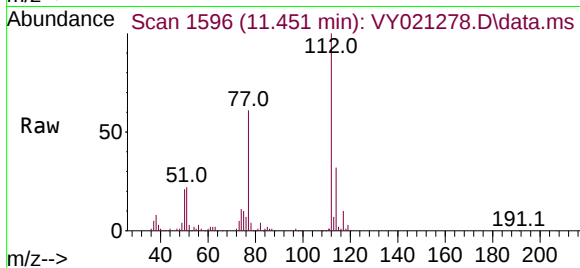




#65
Chlorobenzene
Concen: 21.964 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

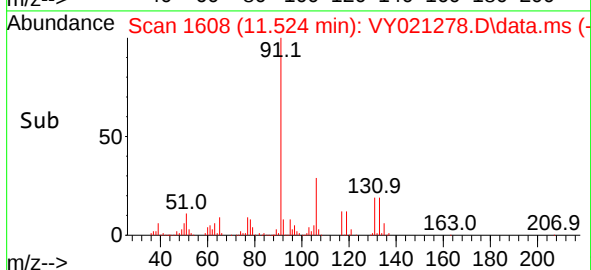
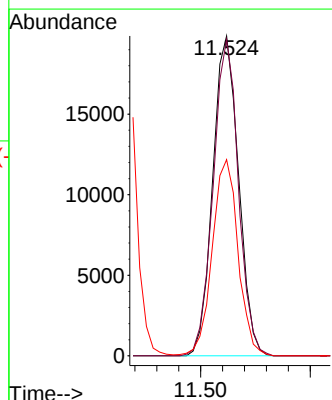
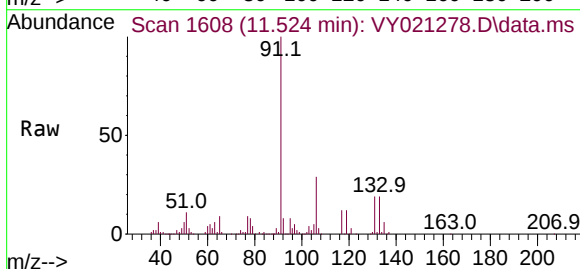
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

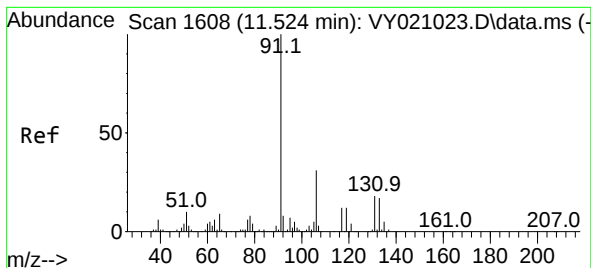
Tgt Ion:112 Resp: 90979
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.009 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:131 Resp: 32398
Ion Ratio Lower Upper
131 100
133 97.1 47.0 141.0
119 61.5 33.3 99.9

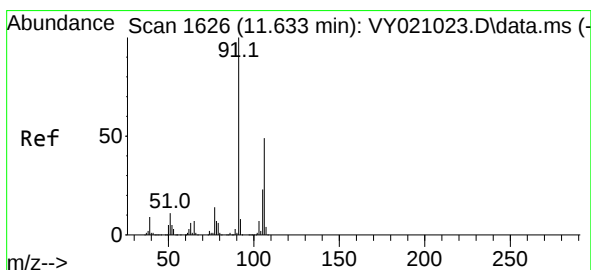
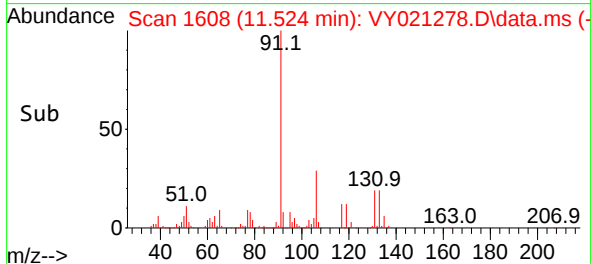
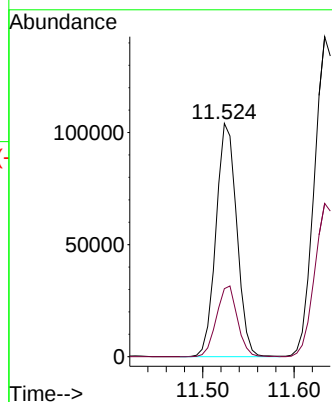
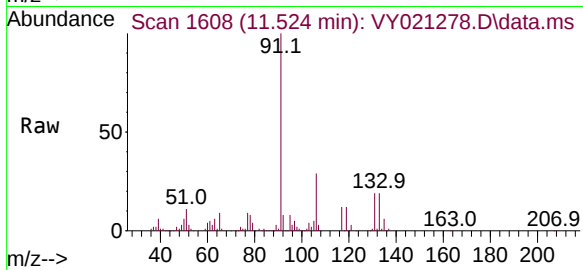




#67
Ethyl Benzene
Concen: 22.392 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

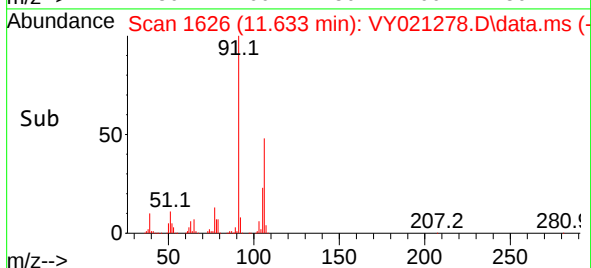
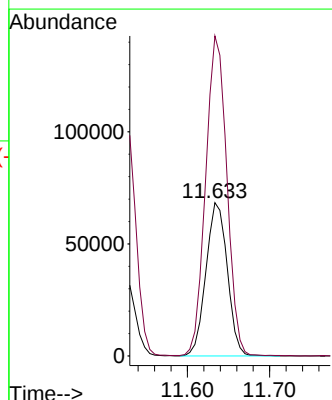
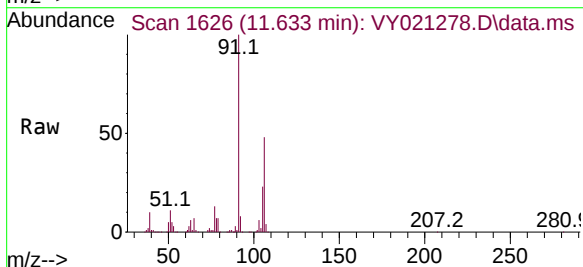
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

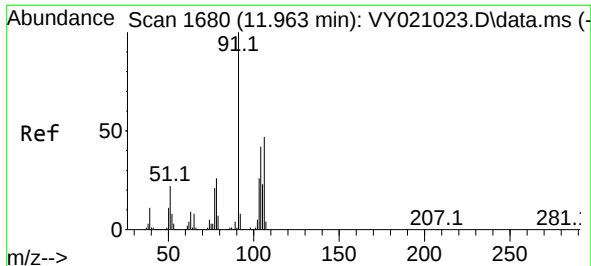
Tgt Ion: 91 Resp: 164059
Ion Ratio Lower Upper
91 100
106 29.1 25.0 37.4



#68
m/p-Xylenes
Concen: 44.967 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:106 Resp: 123250
Ion Ratio Lower Upper
106 100
91 208.1 160.7 241.1

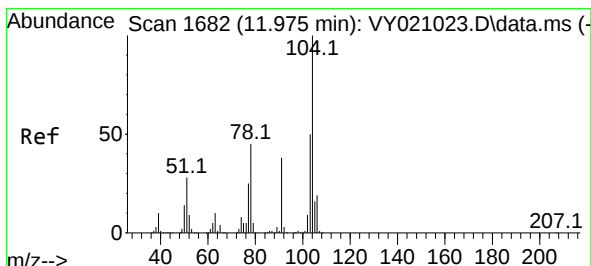
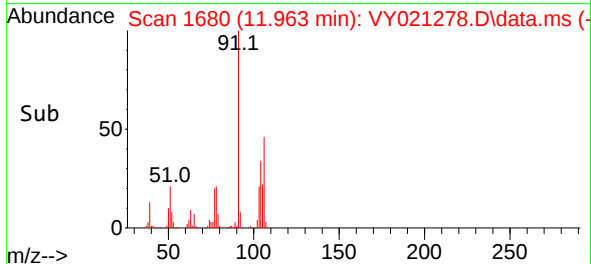
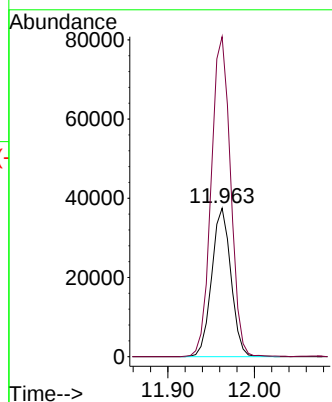
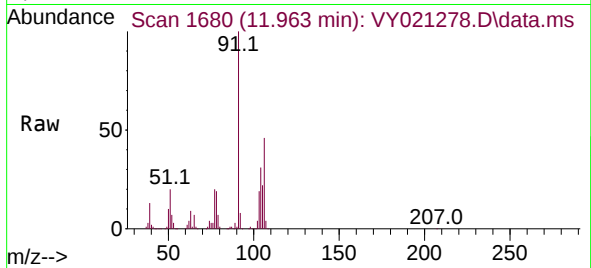




#69
o-Xylene
Concen: 22.616 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

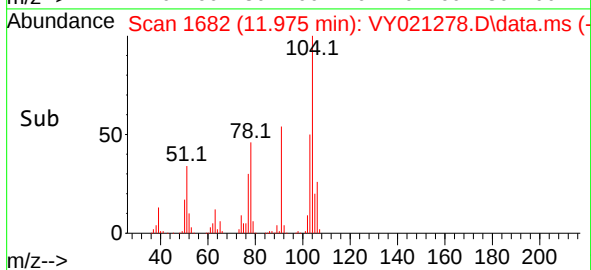
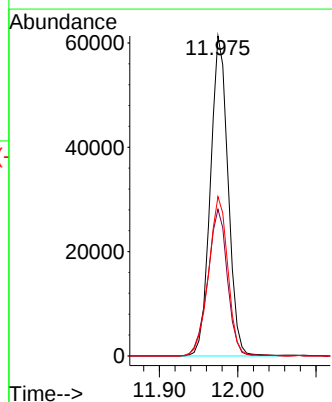
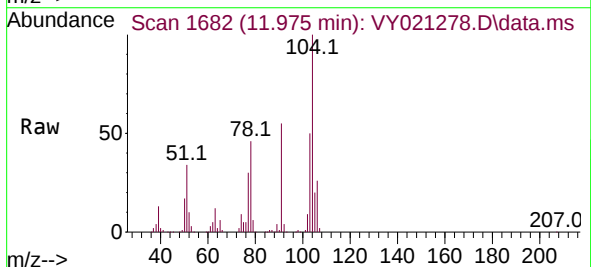
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

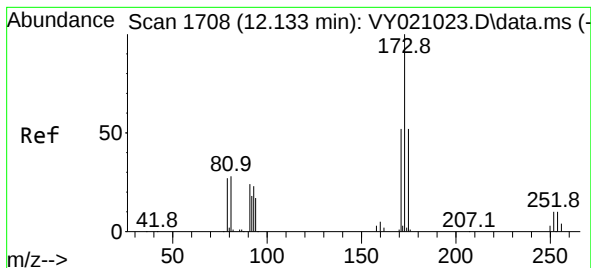
Tgt Ion:106 Resp: 57792
Ion Ratio Lower Upper
106 100
91 217.6 106.5 319.5



#70
Styrene
Concen: 22.598 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:104 Resp: 96245
Ion Ratio Lower Upper
104 100
78 50.8 39.2 58.8
103 54.1 43.8 65.6





#71

Bromoform

Concen: 21.671 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

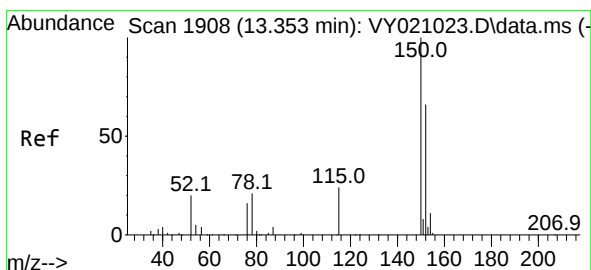
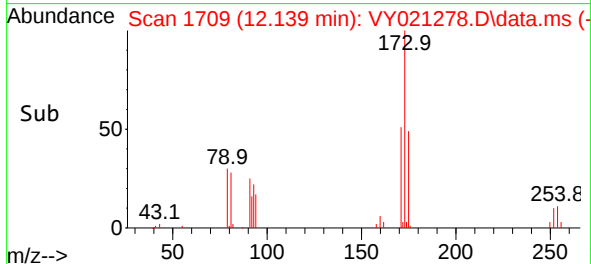
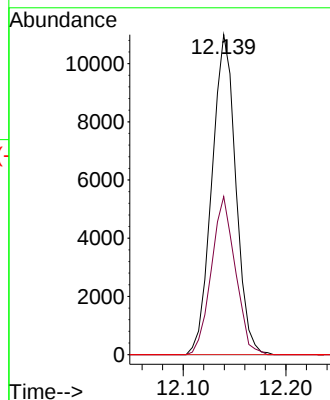
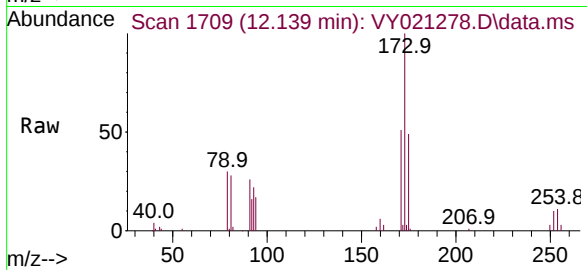
Tgt Ion:173 Resp: 17757

Ion Ratio Lower Upper

173 100

175 49.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

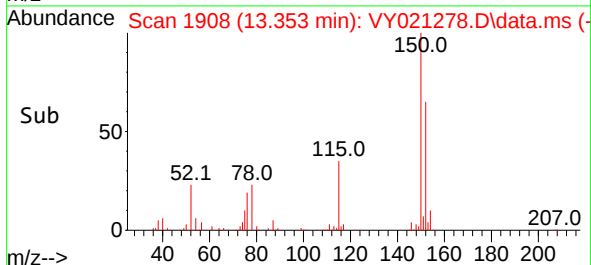
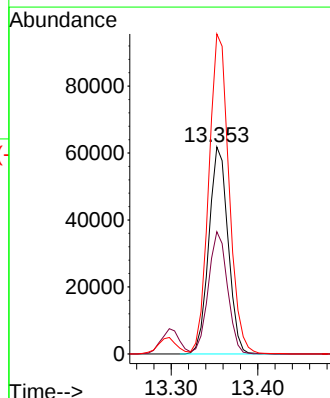
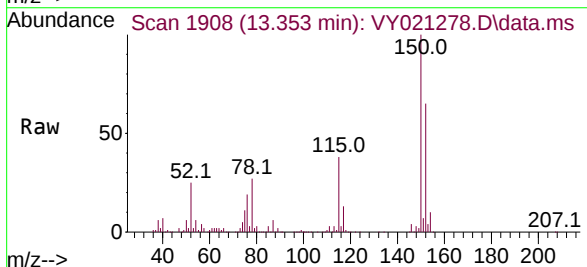
Tgt Ion:152 Resp: 94993

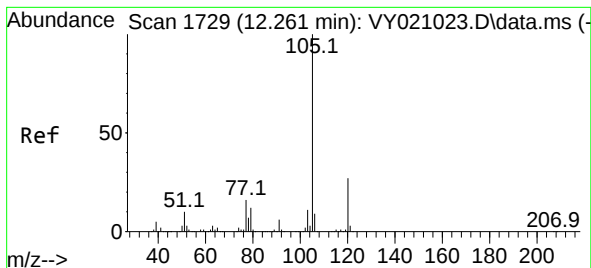
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 162.8 0.0 344.6





#73

Isopropylbenzene

Concen: 20.643 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

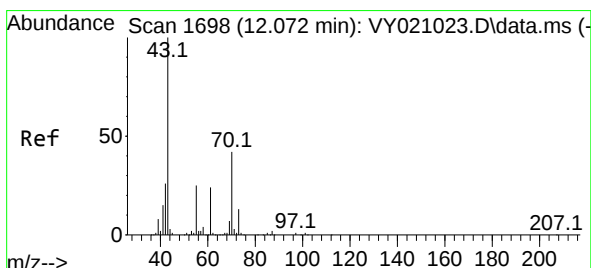
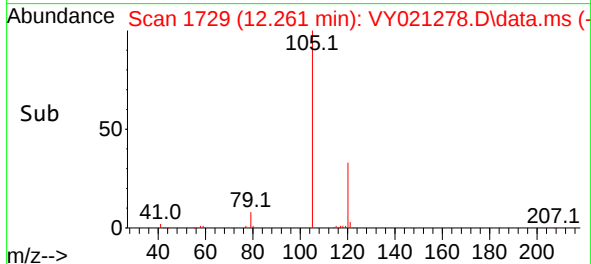
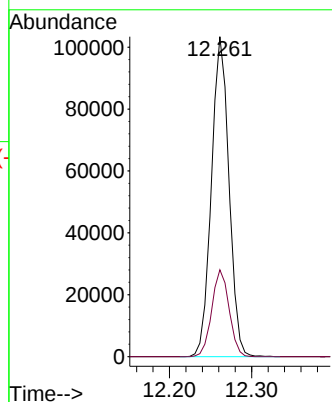
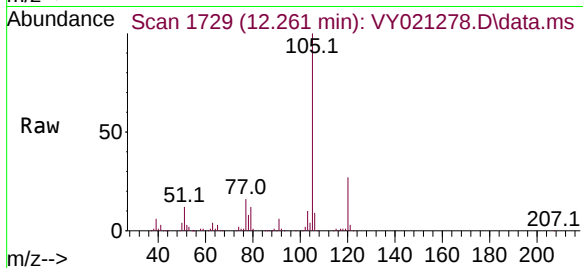
VY0221SBS01

Tgt Ion:105 Resp: 153176

Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0



#74

N-ethyl acetate

Concen: 21.754 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Tgt Ion: 43 Resp: 35292

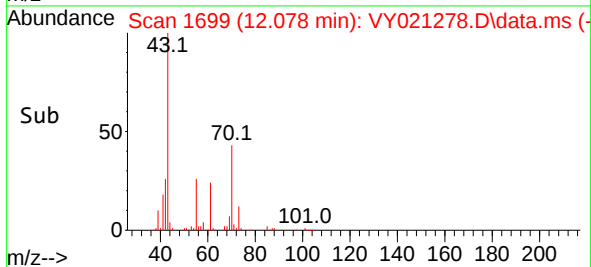
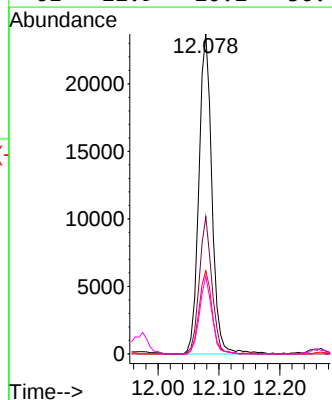
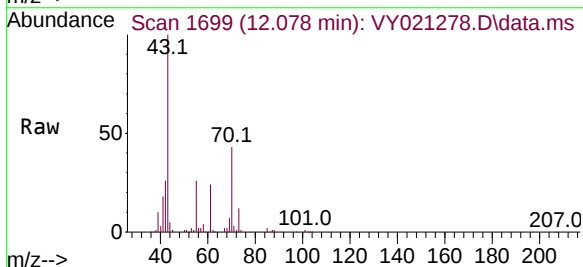
Ion Ratio Lower Upper

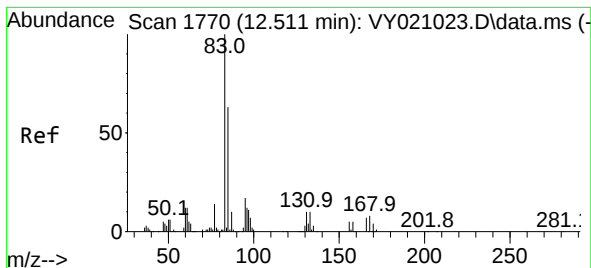
43 100

70 41.2 36.6 55.0

55 25.7 22.2 33.4

61 22.9 20.2 30.4

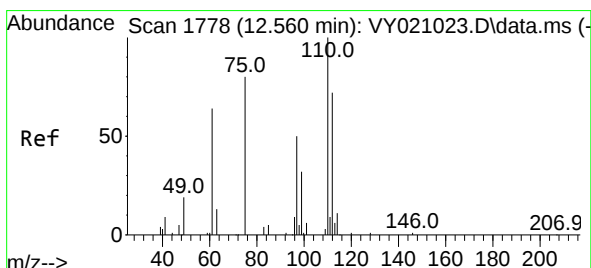
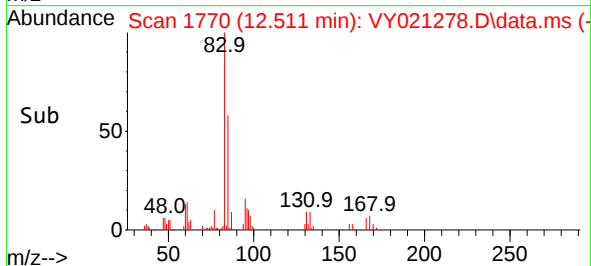
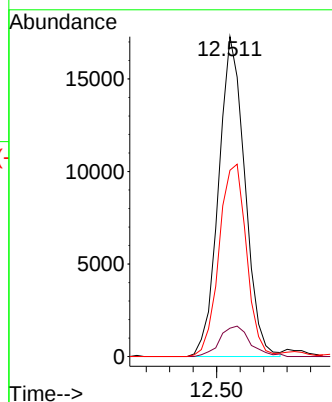
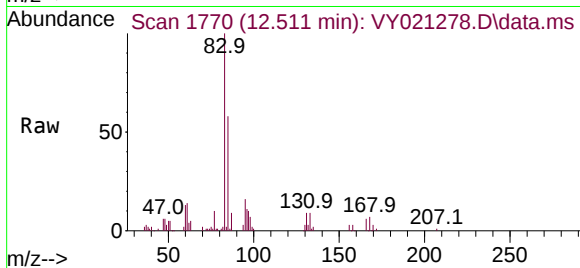




#75
1,1,2,2-Tetrachloroethane
Concen: 21.744 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

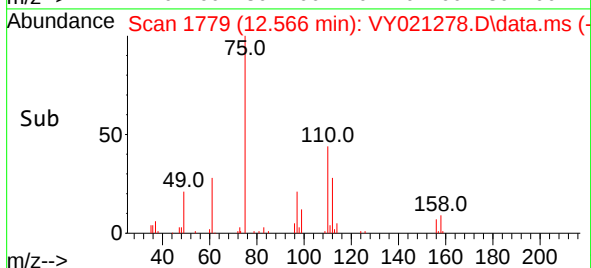
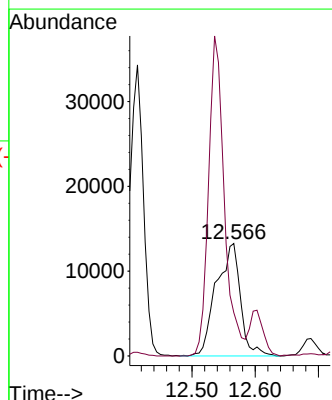
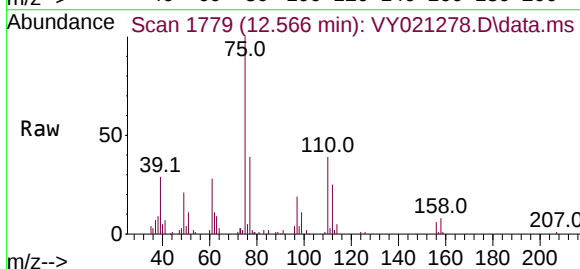
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

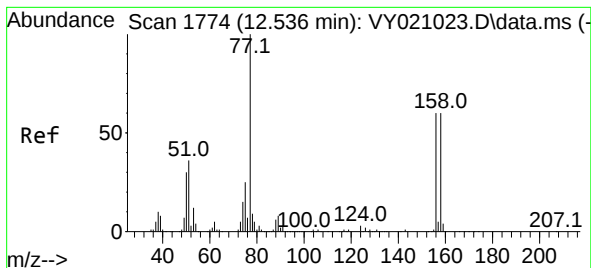
Tgt Ion: 83 Resp: 26834
Ion Ratio Lower Upper
83 100
131 11.0 4.9 14.6
85 62.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 40.755 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 75 Resp: 35119
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.559 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

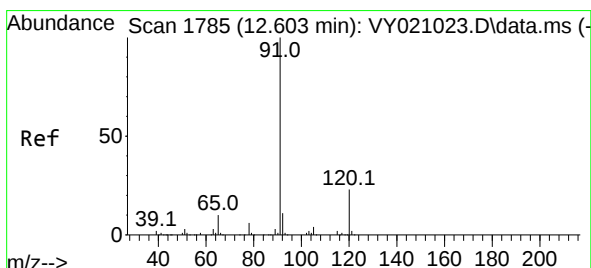
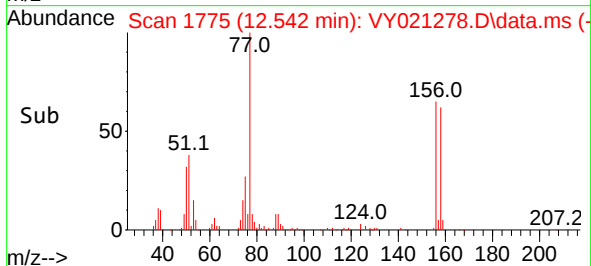
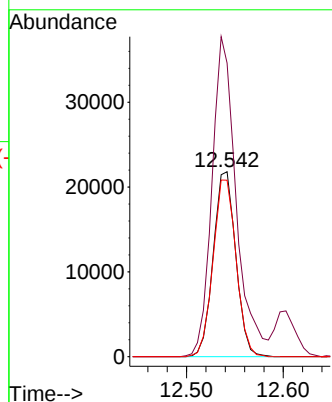
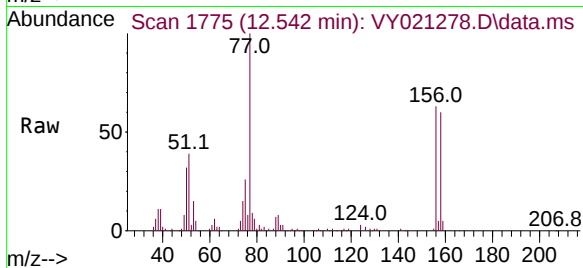
Tgt Ion:156 Resp: 35205

Ion Ratio Lower Upper

156 100

77 187.0 97.3 291.8

158 97.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.405 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021278.D

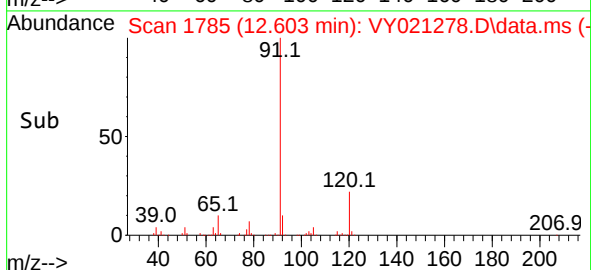
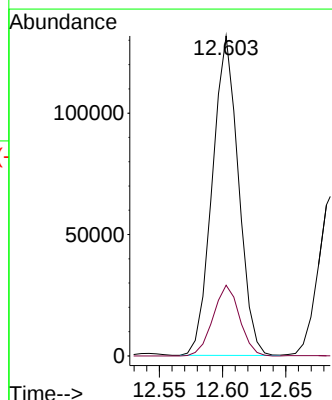
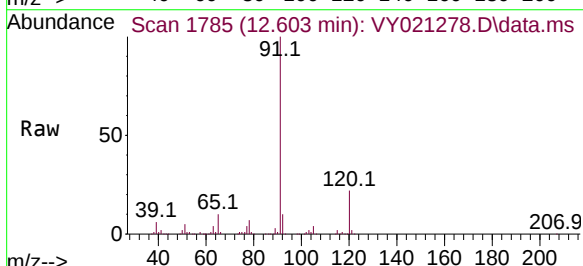
Acq: 21 Feb 2025 12:06

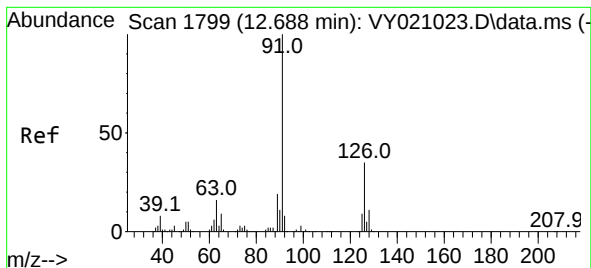
Tgt Ion: 91 Resp: 189206

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

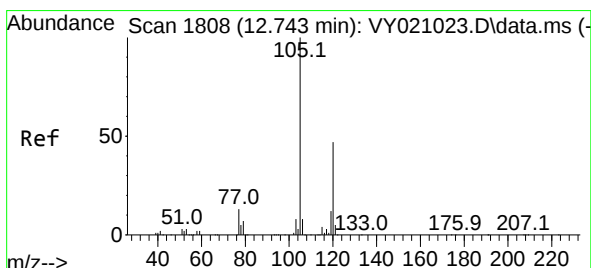
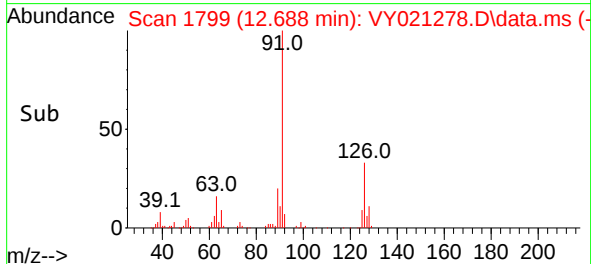
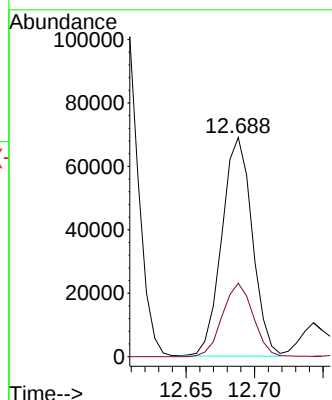
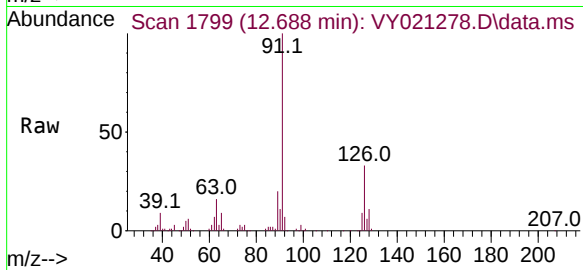




#79
2-Chlorotoluene
Concen: 21.145 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

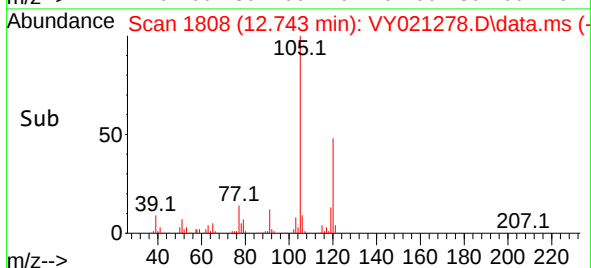
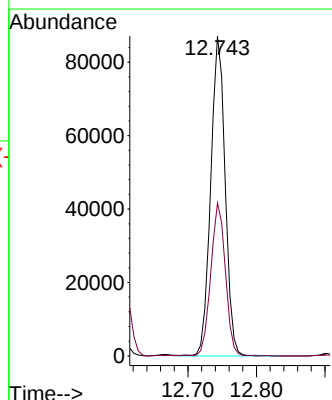
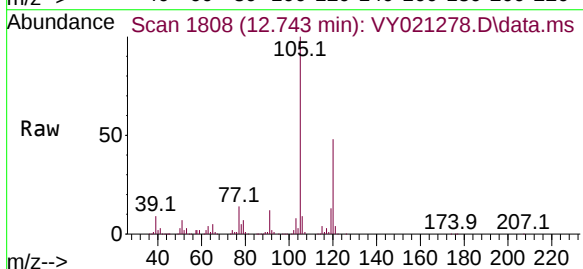
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

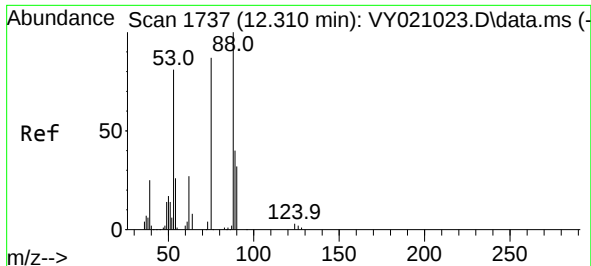
Tgt Ion: 91 Resp: 107048
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.120 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 105 Resp: 127061
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

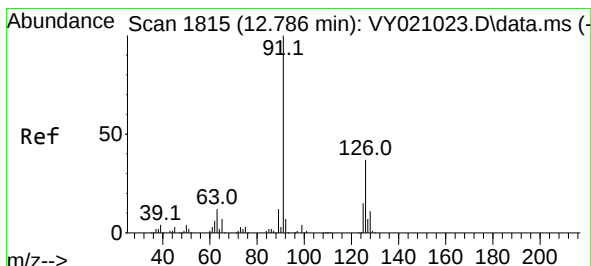
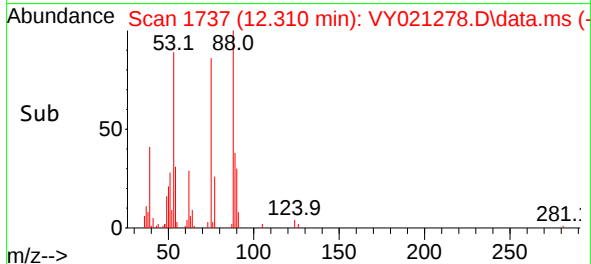
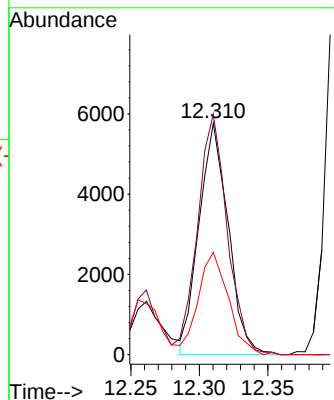
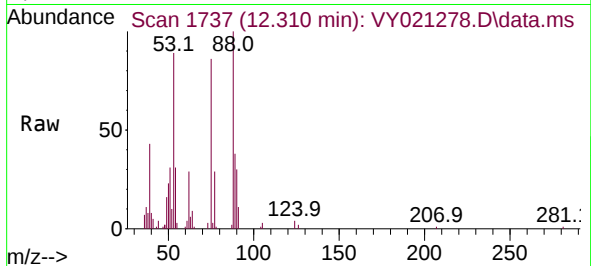




#81
trans-1,4-Dichloro-2-butene
Concen: 20.201 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

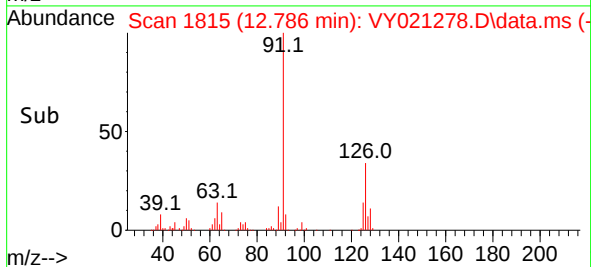
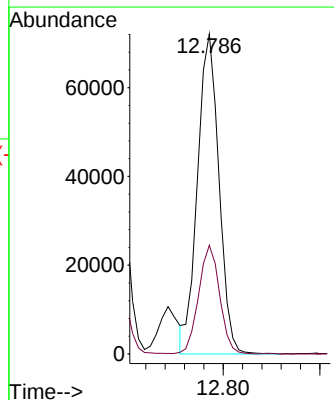
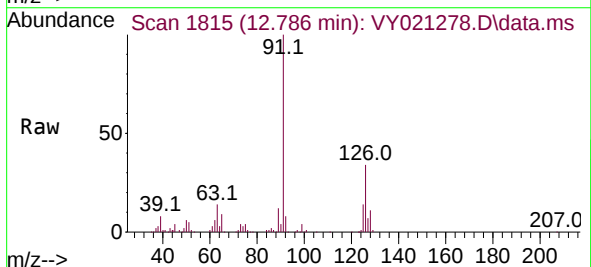
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

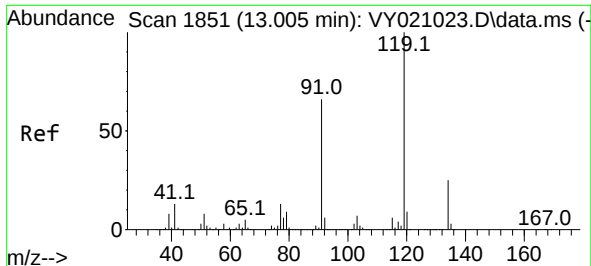
Tgt Ion: 75 Resp: 8531
Ion Ratio Lower Upper
75 100
53 105.8 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.469 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 91 Resp: 110739
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2

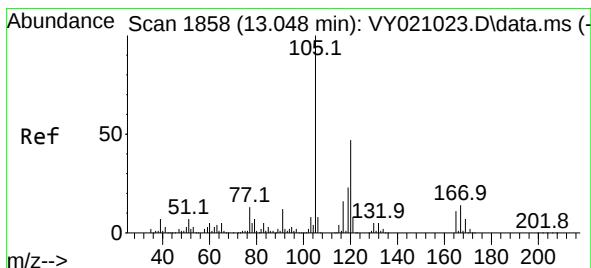
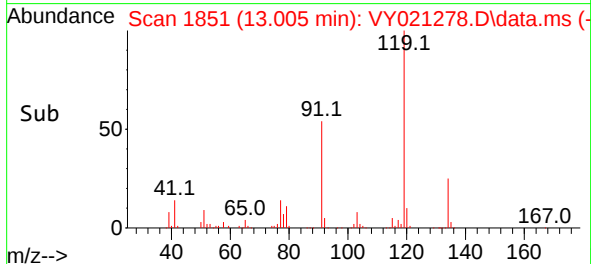
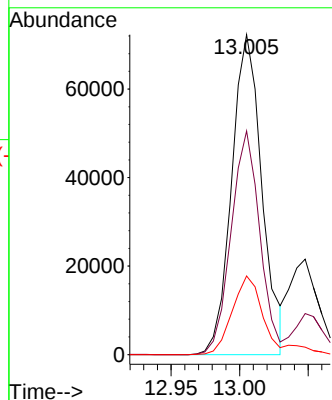
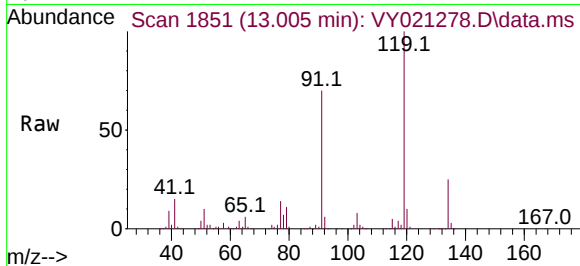




#83
tert-Butylbenzene
Concen: 20.295 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

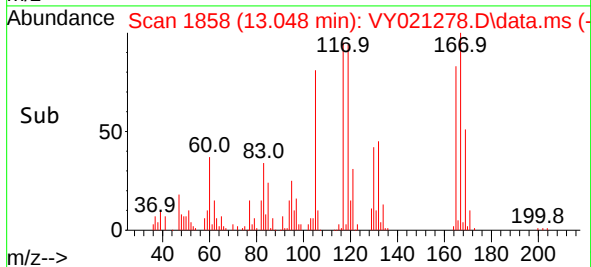
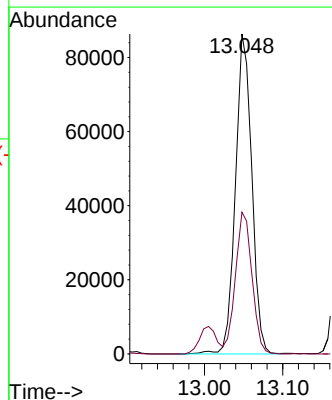
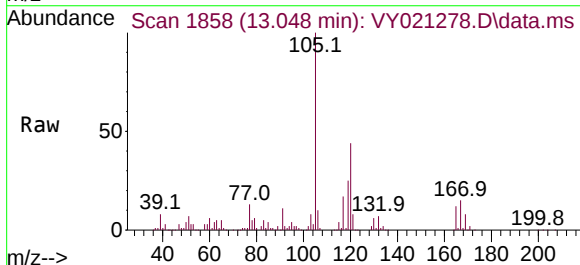
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

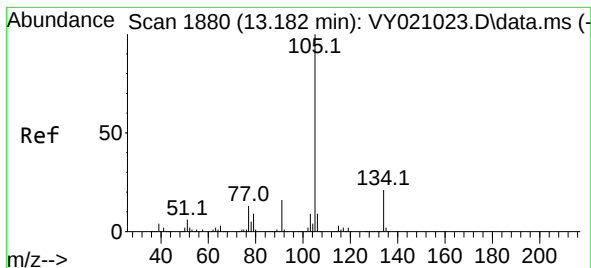
Tgt Ion:119 Resp: 110980
Ion Ratio Lower Upper
119 100
91 66.4 31.5 94.5
134 26.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.303 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:105 Resp: 125311
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.282 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

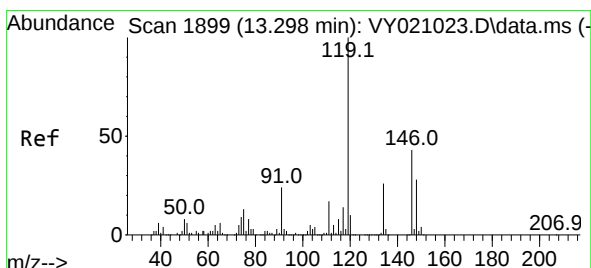
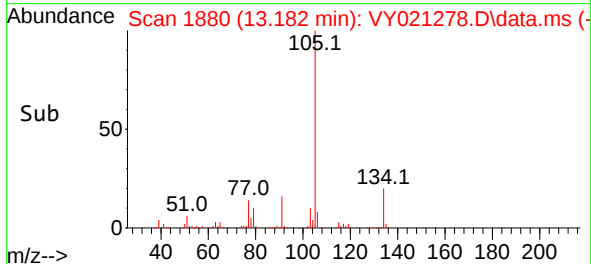
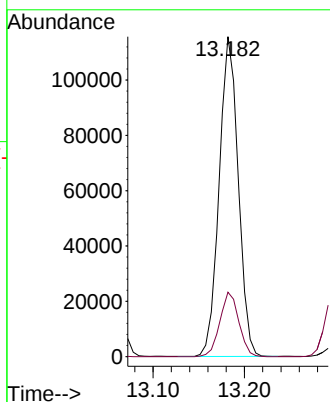
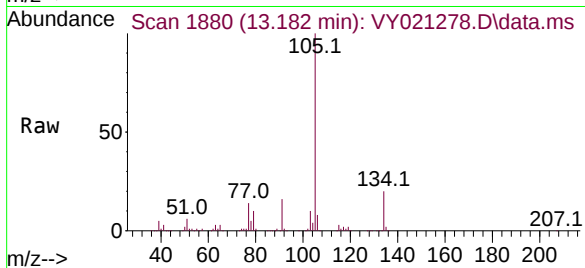
VY0221SBSD01

Tgt Ion:105 Resp: 167521

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.008 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

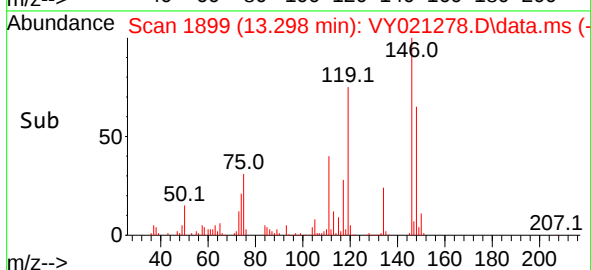
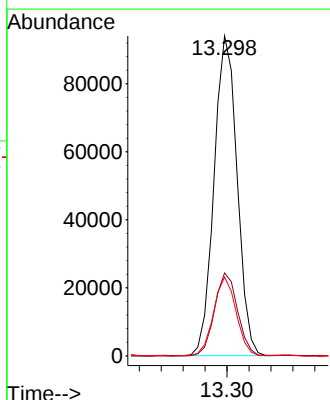
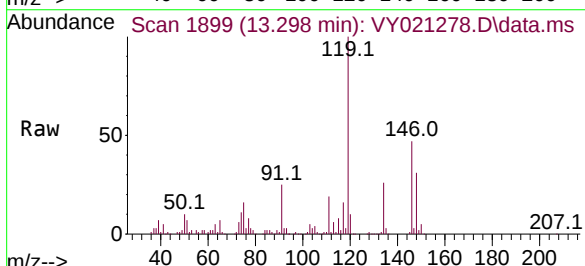
Tgt Ion:119 Resp: 137365

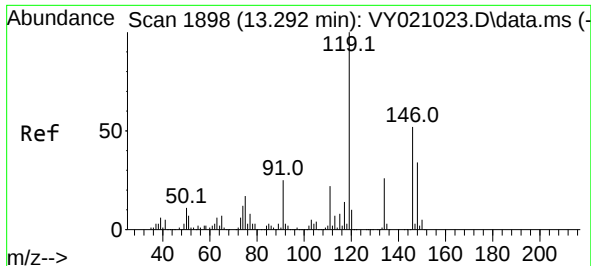
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 24.2 11.7 35.0

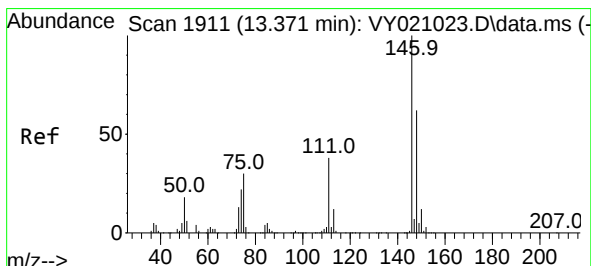
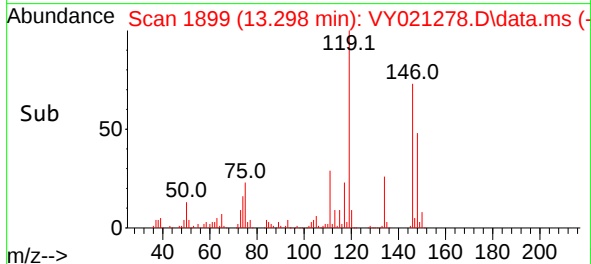
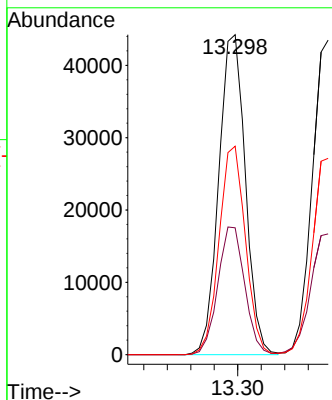
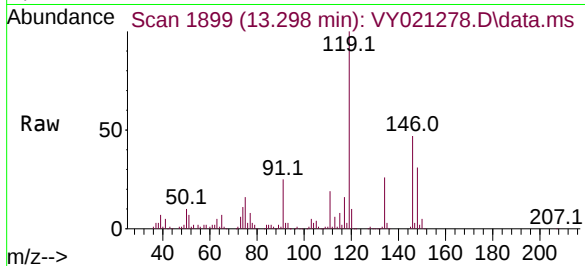




#87
1,3-Dichlorobenzene
Concen: 21.047 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

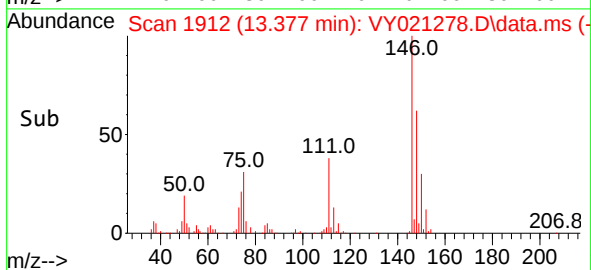
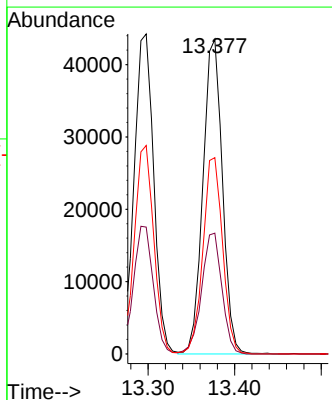
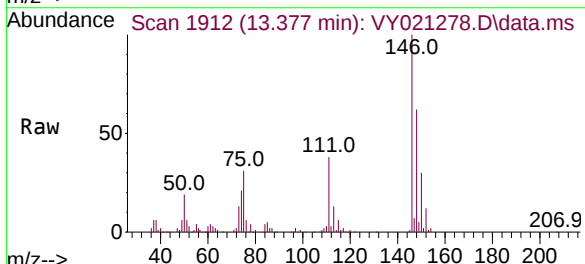
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD01

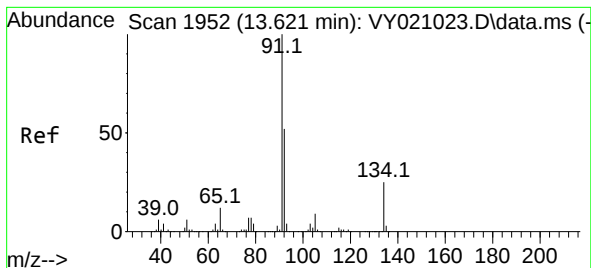
Tgt Ion:146 Resp: 69587
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.842 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion:146 Resp: 67849
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 21.435 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

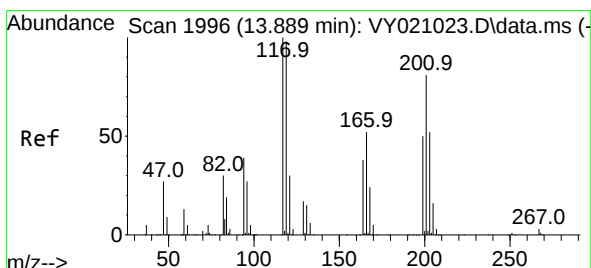
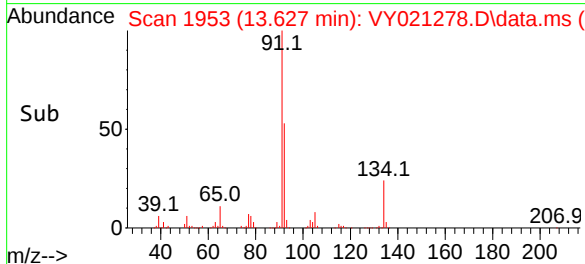
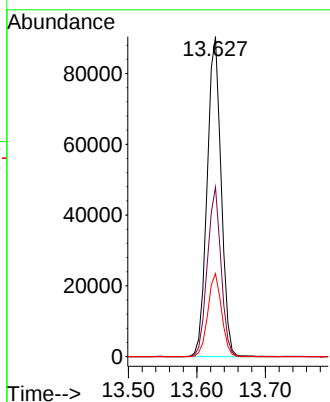
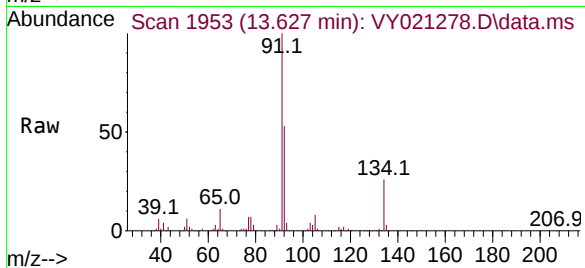
Tgt Ion: 91 Resp: 127862

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 25.4 12.3 36.8



#90

Hexachloroethane

Concen: 21.082 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021278.D

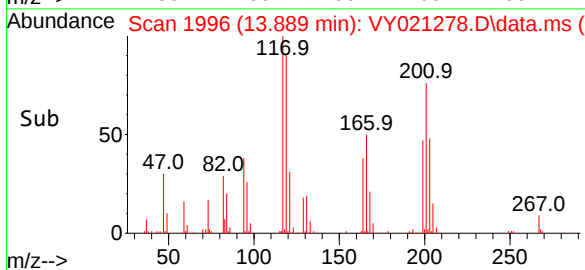
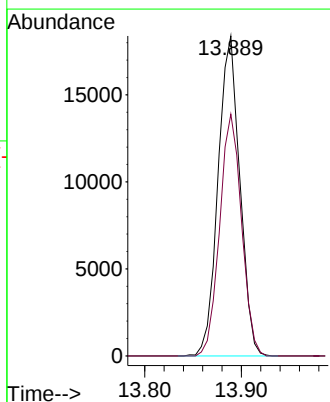
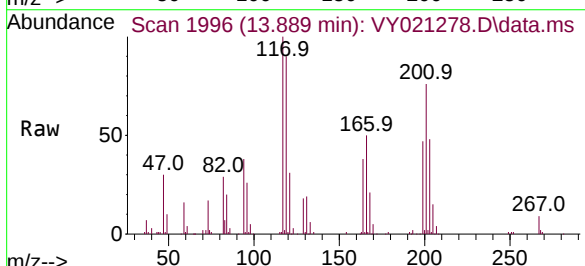
Acq: 21 Feb 2025 12:06

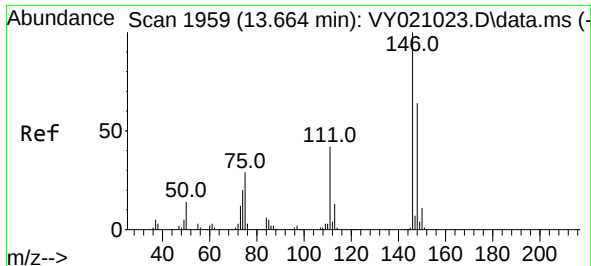
Tgt Ion: 117 Resp: 28758

Ion Ratio Lower Upper

117 100

201 75.9 33.4 100.1

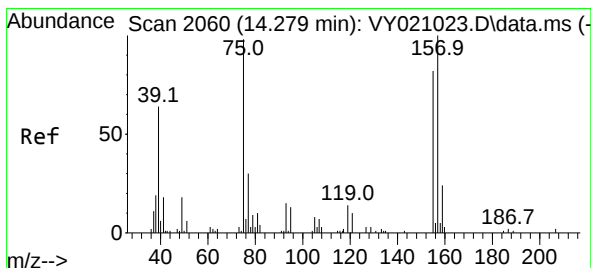
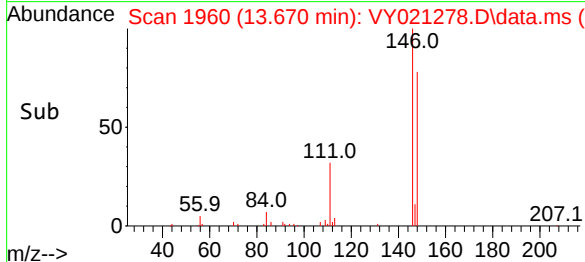
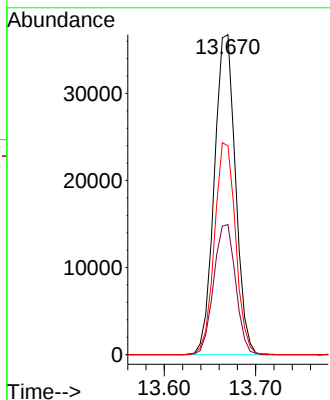
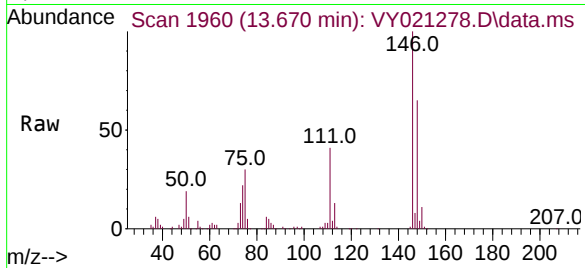




#91
1,2-Dichlorobenzene
Concen: 20.631 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

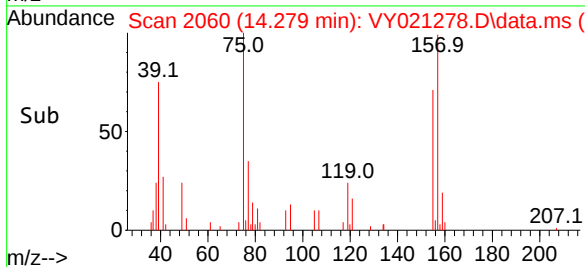
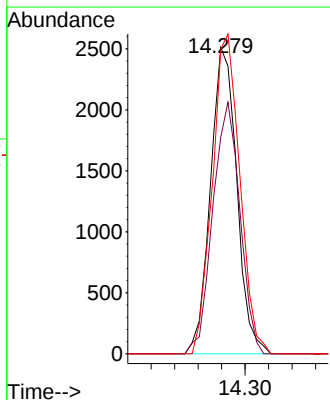
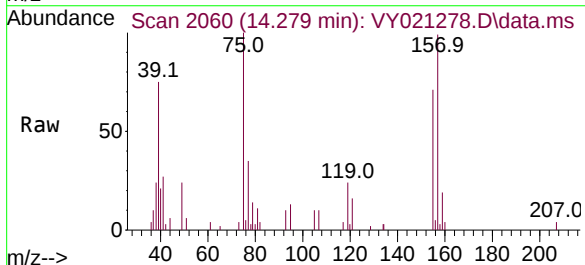
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

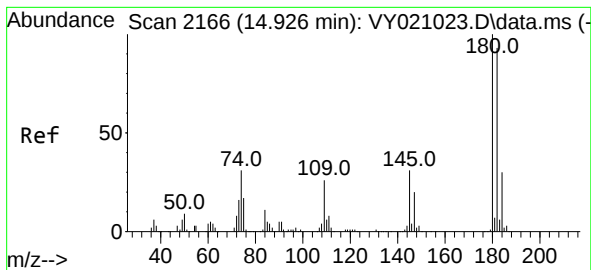
Tgt Ion:146 Resp: 59206
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 65.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.213 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021278.D
Acq: 21 Feb 2025 12:06

Tgt Ion: 75 Resp: 3912
Ion Ratio Lower Upper
75 100
155 84.4 42.1 126.3
157 108.8 55.8 167.4

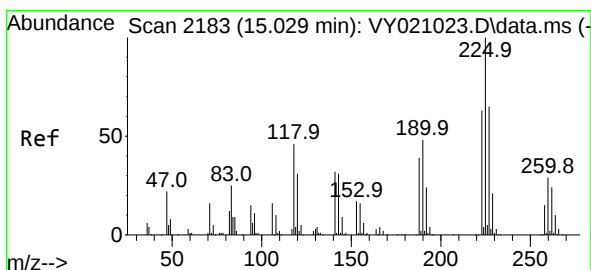
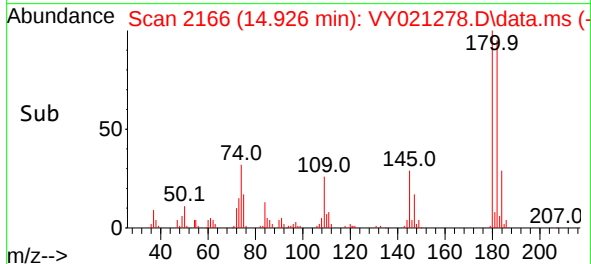
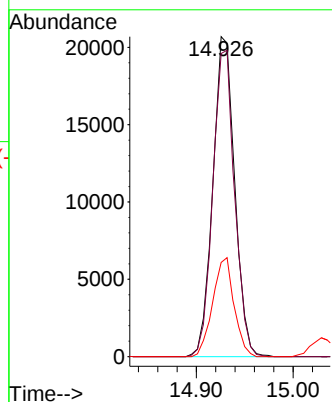
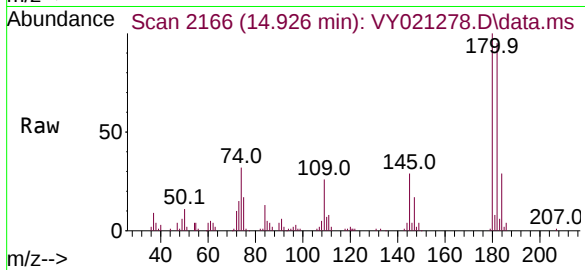




#93
 1,2,4-Trichlorobenzene
 Concen: 20.353 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

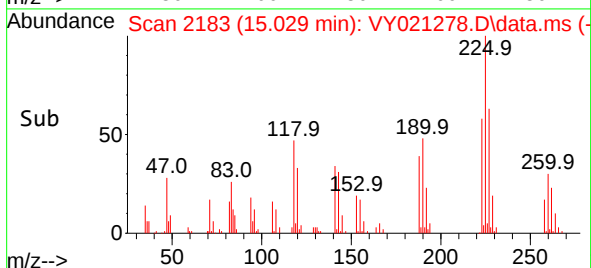
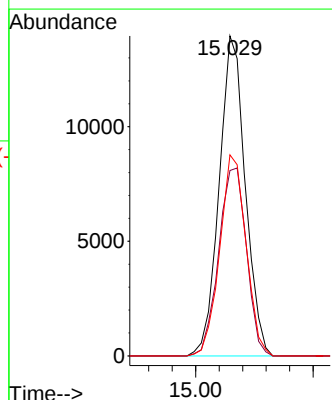
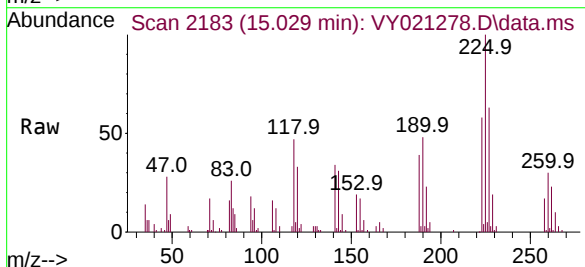
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD01

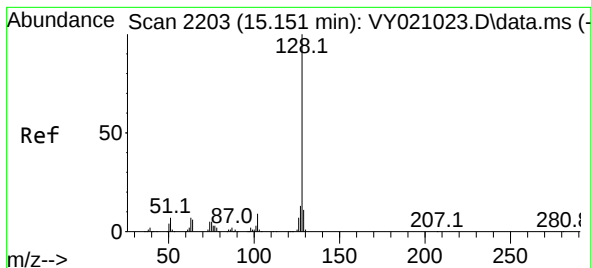
Tgt Ion:180 Resp: 32511
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 30.2 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 20.335 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VY021278.D
 Acq: 21 Feb 2025 12:06

Tgt Ion:225 Resp: 21525
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.3
 227 63.1 32.3 96.8





#95

Naphthalene

Concen: 20.167 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD01

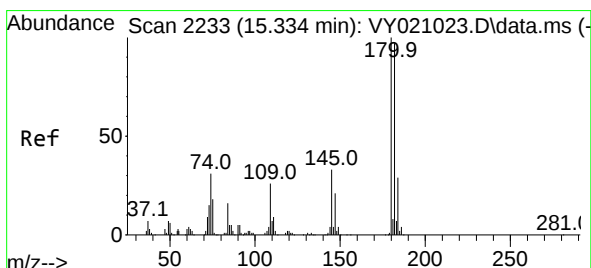
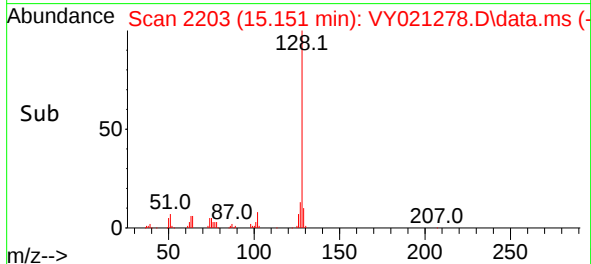
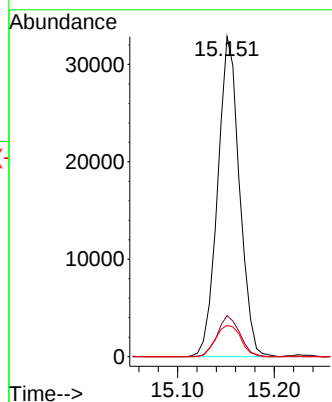
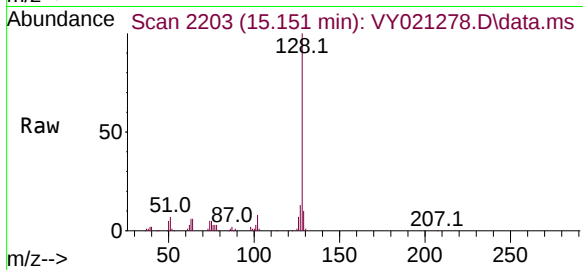
Tgt Ion:128 Resp: 51537

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.205 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021278.D

Acq: 21 Feb 2025 12:06

Tgt Ion:180 Resp: 26859

Ion Ratio Lower Upper

180 100

182 96.0 46.3 138.8

145 32.2 16.1 48.2

