

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013716.D
 Acq On : 11 May 2023 15:00
 Operator : KP/MD
 Sample : VY0511SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS02

Quant Time: May 12 04:42:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123593	53.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.716	113	108224	54.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.179	98	361303	51.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.477	95	133395	55.950	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	47146	23.570	ug/l	99
3) Chloromethane	2.107	50	56415	21.041	ug/l	99
4) Vinyl Chloride	2.247	62	56342	21.105	ug/l	95
5) Bromomethane	2.650	94	48254	22.682	ug/l	98
6) Chloroethane	2.790	64	38561	20.908	ug/l	97
7) Trichlorofluoromethane	3.119	101	98511	24.358	ug/l	98
8) Diethyl Ether	3.528	74	30911	22.445	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	53680	23.663	ug/l	97
10) Methyl Iodide	4.088	142	51170	17.959	ug/l	98
11) Tert butyl alcohol	4.924	59	48679	187.544	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	48937	22.380	ug/l	91
13) Acrolein	3.729	56	17467	80.677	ug/l	93
14) Allyl chloride	4.473	41	85310	21.026	ug/l	96
15) Acrylonitrile	5.161	53	86279	111.864	ug/l	99
16) Acetone	3.948	43	92093	101.389	ug/l #	88
17) Carbon Disulfide	4.186	76	142024	19.995	ug/l	99
18) Methyl Acetate	4.473	43	64640	21.547	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	138354	21.916	ug/l	100
20) Methylene Chloride	4.710	84	88779	27.571	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	54889	22.958	ug/l	92
22) Diisopropyl ether	6.119	45	180550	22.767	ug/l	96
23) Vinyl Acetate	6.058	43	521063	116.045	ug/l	98
24) 1,1-Dichloroethane	6.015	63	102676	23.230	ug/l	98
25) 2-Butanone	6.984	43	119342	103.601	ug/l	94
26) 2,2-Dichloropropane	6.978	77	92786	24.362	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	61072	23.119	ug/l	94
28) Bromochloromethane	7.332	49	36612	23.343	ug/l	84
29) Tetrahydrofuran	7.344	42	73996	103.194	ug/l	93
30) Chloroform	7.503	83	107763	24.522	ug/l	98
31) Cyclohexane	7.783	56	85768	20.769	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	96353	24.571	ug/l	98
36) 1,1-Dichloropropene	7.911	75	76115	23.070	ug/l	99
37) Ethyl Acetate	7.076	43	53530	21.560	ug/l	95
38) Carbon Tetrachloride	7.893	117	88642	25.633	ug/l	93
39) Methylcyclohexane	9.185	83	86485	22.235	ug/l	97
40) Benzene	8.155	78	225375	24.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	71352	61.669	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	75393	24.813	ug/l	99
43) Isopropyl Acetate	8.271	43	93307	22.264	ug/l	97
44) Trichloroethene	8.935	130	60281	24.384	ug/l	95
45) 1,2-Dichloropropane	9.216	63	58389	24.028	ug/l	100
46) Dibromomethane	9.301	93	34723	23.881	ug/l	97
47) Bromodichloromethane	9.490	83	81907	25.175	ug/l #	98
48) Methyl methacrylate	9.289	41	41302	21.459	ug/l	95
49) 1,4-Dioxane	9.307	88	9035	435.090	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	255604	109.451	ug/l	97
52) Toluene	10.240	92	137141	24.521	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	82497	23.959	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	91587	23.639	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	47051	24.436	ug/l	94
56) Ethyl methacrylate	10.508	69	61294	22.945	ug/l	93
57) 1,3-Dichloropropane	10.789	76	78832	24.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	123514	123.304	ug/l	96
59) 2-Hexanone	10.831	43	184035	108.409	ug/l	95
60) Dibromochloromethane	10.984	129	58126	24.862	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44658	23.590	ug/l	99
64) Tetrachloroethene	10.715	164	53195	23.978	ug/l	98
65) Chlorobenzene	11.514	112	149158	23.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	57988	24.397	ug/l	98
67) Ethyl Benzene	11.593	91	260884	23.377	ug/l	98
68) m/p-Xylenes	11.697	106	202475	47.725	ug/l	97
69) o-Xylene	12.026	106	95096	23.701	ug/l	99
70) Styrene	12.044	104	162383	24.205	ug/l	99
71) Bromoform	12.209	173	39682	23.835	ug/l #	98
73) Isopropylbenzene	12.325	105	253053	22.089	ug/l	98
74) N-amyl acetate	12.142	43	79815	19.578	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	59100	21.106	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	76944	37.669	ug/l #	100
77) Bromobenzene	12.605	156	64393	23.198	ug/l	96
78) n-propylbenzene	12.666	91	309301	21.920	ug/l	99
79) 2-Chlorotoluene	12.752	91	177847	22.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	215387	23.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20507	20.536	ug/l	97
82) 4-Chlorotoluene	12.855	91	183402	22.331	ug/l	99
83) tert-Butylbenzene	13.075	119	180714	22.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	207771	22.855	ug/l	98
85) sec-Butylbenzene	13.251	105	275324	22.646	ug/l	99
86) p-Isopropyltoluene	13.367	119	222146	22.721	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	124175	23.481	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124042	23.220	ug/l	99
89) n-Butylbenzene	13.697	91	210483	22.057	ug/l	98
90) Hexachloroethane	13.959	117	46650	22.671	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	110556	23.150	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10396	21.022	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	64866	22.782	ug/l	95
94) Hexachlorobutadiene	15.111	225	41233	24.883	ug/l	99
95) Naphthalene	15.233	128	125302	20.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58284	22.967	ug/l	99

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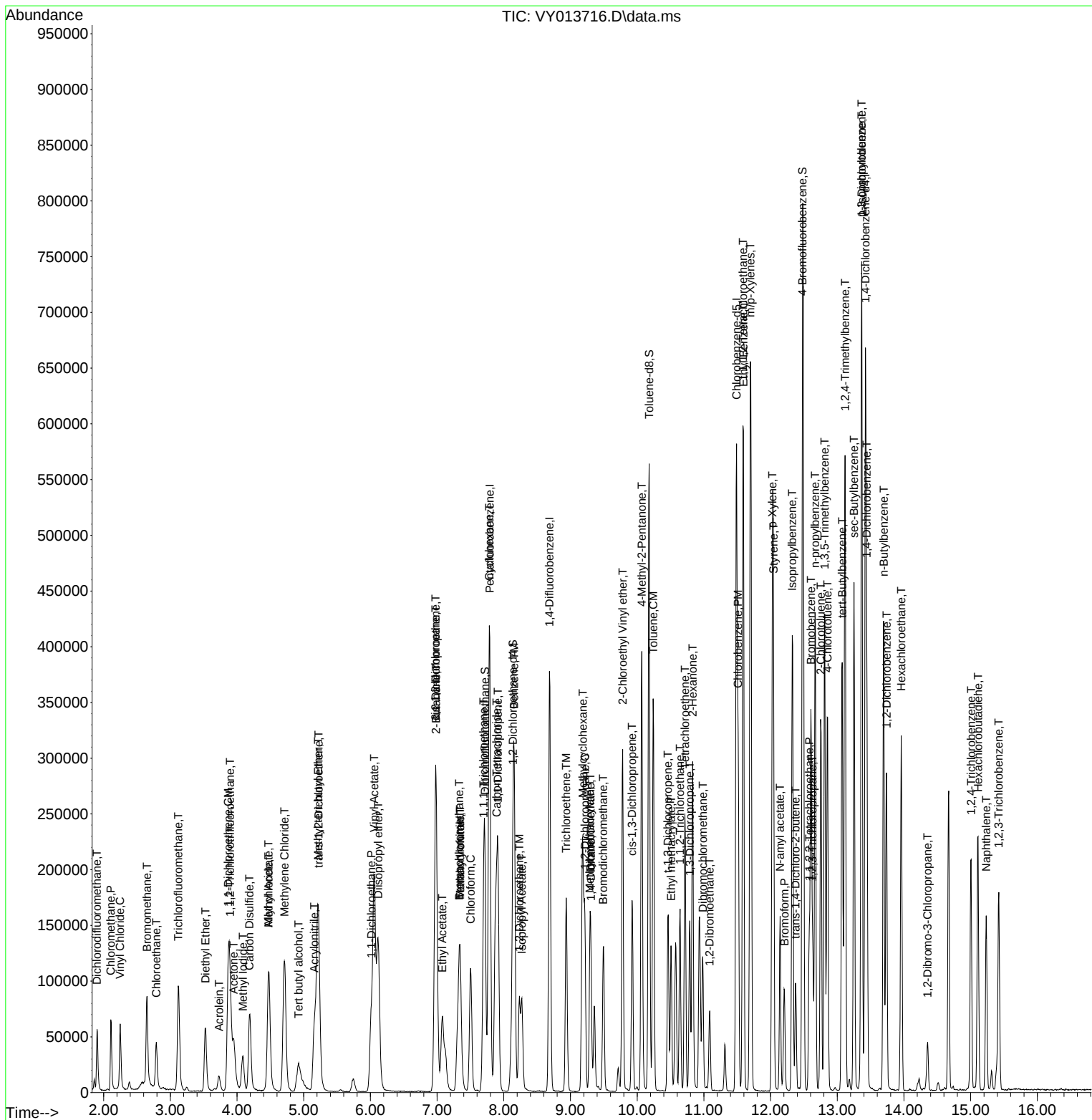
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

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

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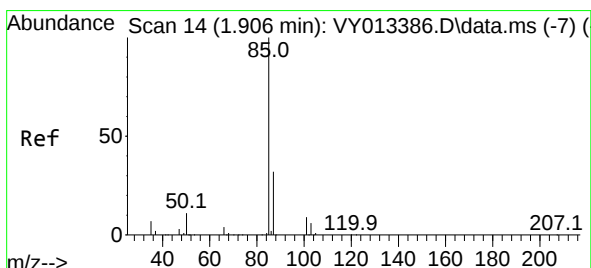
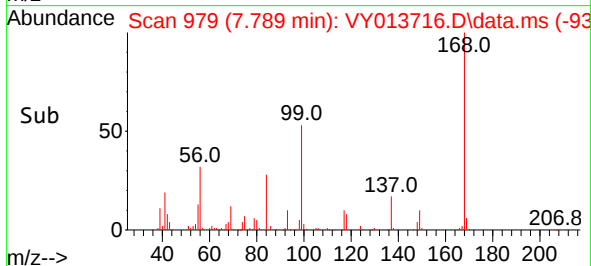
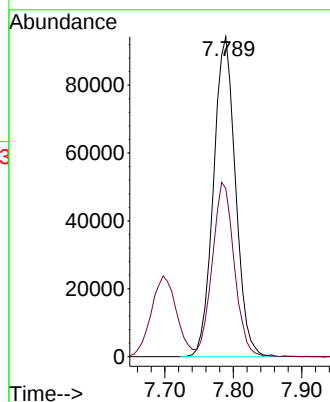
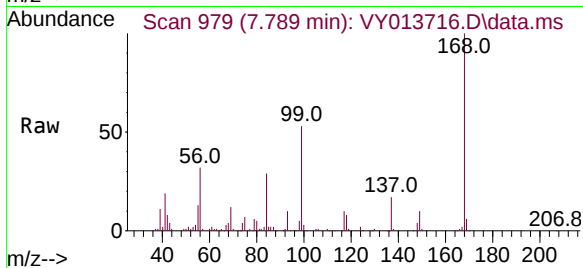




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

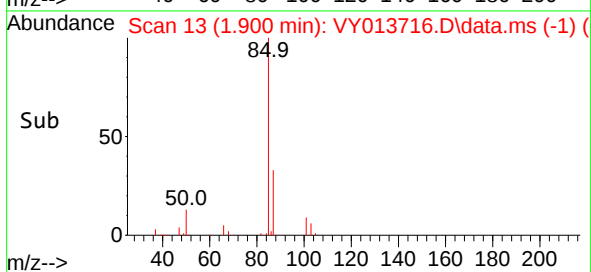
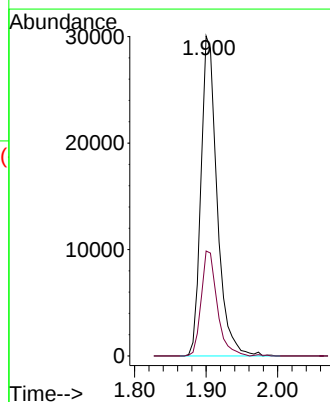
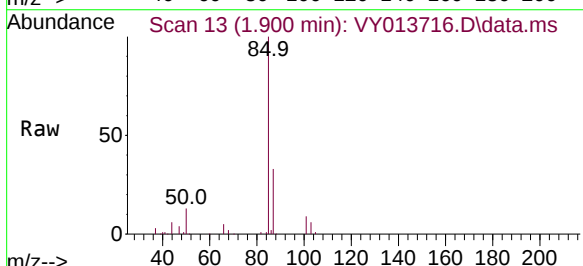
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

Tgt Ion:168 Resp: 210402
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.570 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 85 Resp: 47146
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

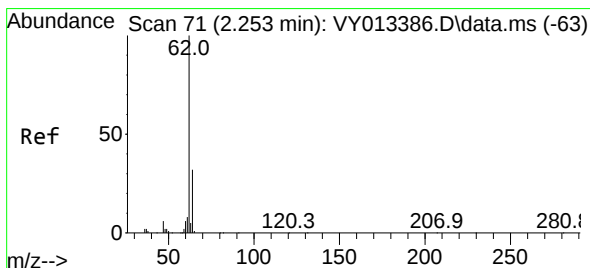
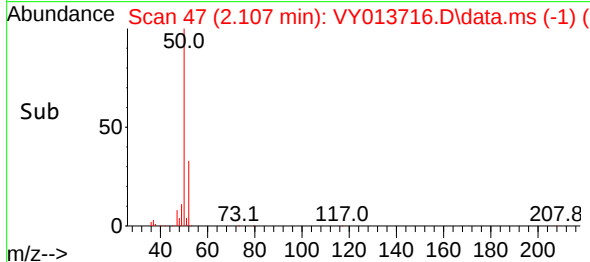
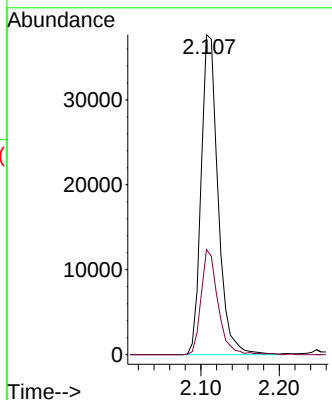
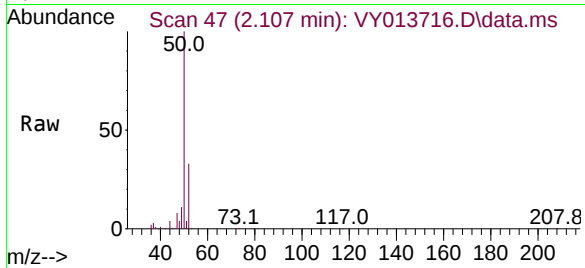




#3
Chloromethane
Concen: 21.041 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

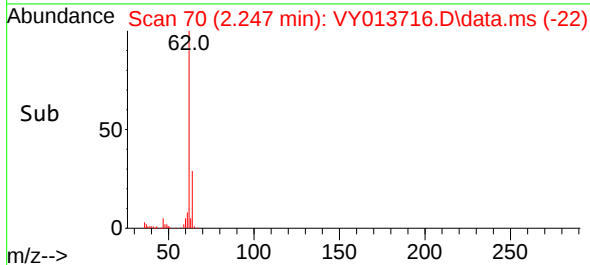
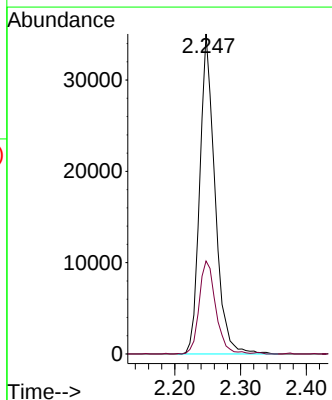
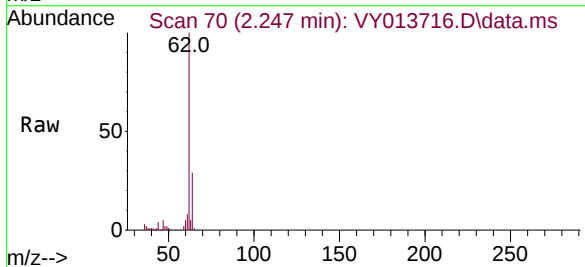
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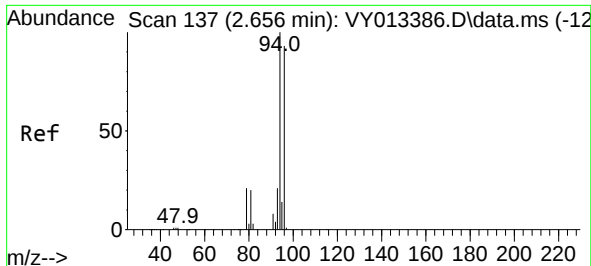
Tgt Ion: 50 Resp: 56415
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 21.105 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 62 Resp: 56342
Ion Ratio Lower Upper
62 100
64 29.1 25.4 38.0

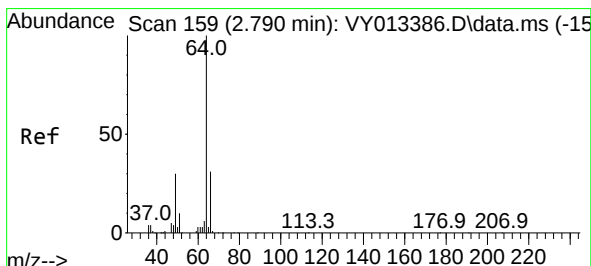
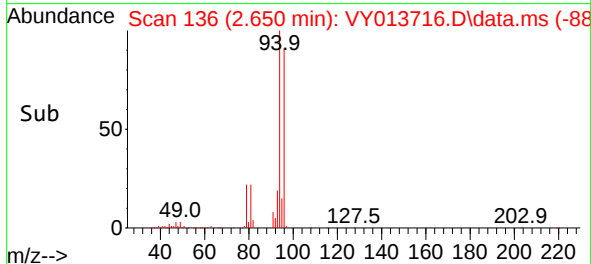
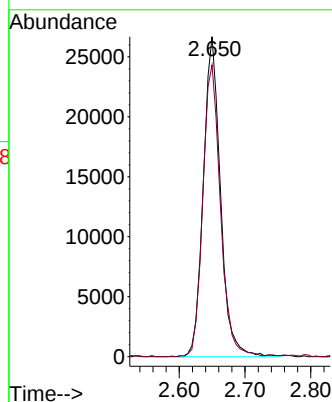
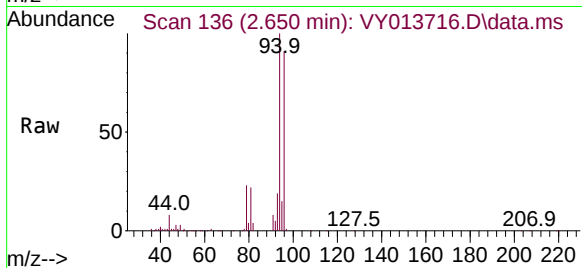




#5
Bromomethane
Concen: 22.682 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

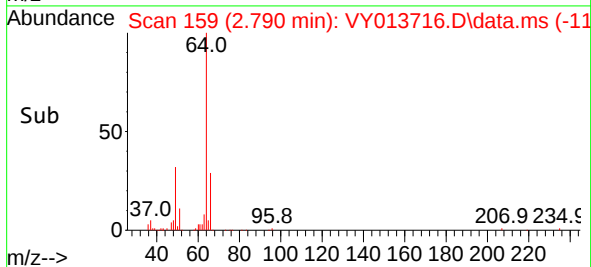
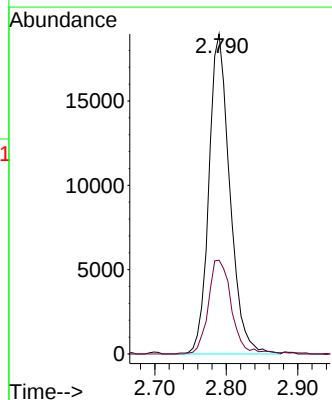
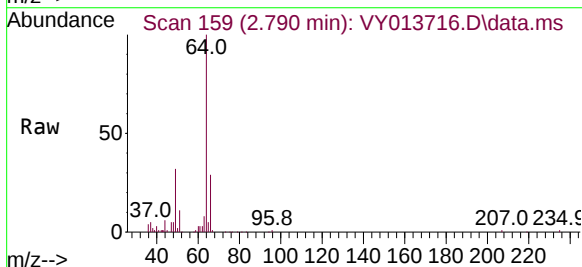
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Tgt Ion: 94 Resp: 48254
Ion Ratio Lower Upper
94 100
96 90.8 74.2 111.2



#6
Chloroethane
Concen: 20.908 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 64 Resp: 38561
Ion Ratio Lower Upper
64 100
66 29.0 24.6 37.0

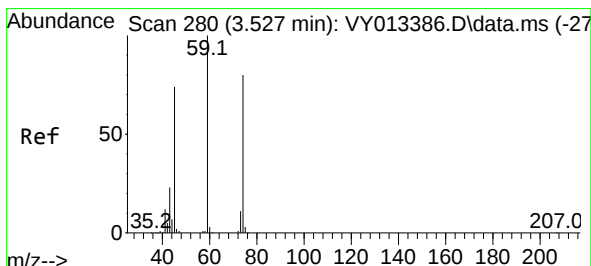
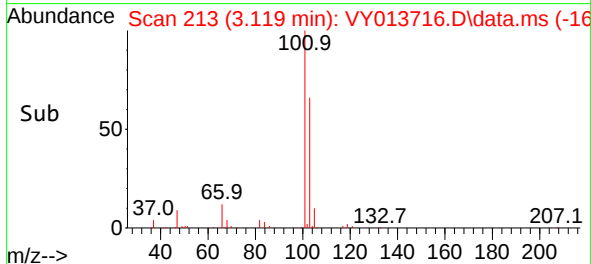
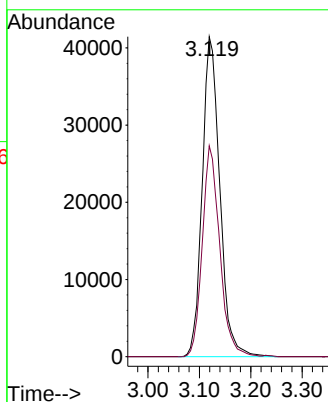
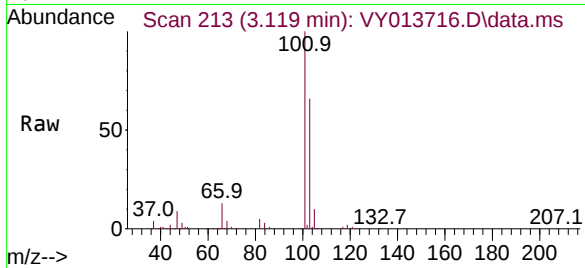




#7
 Trichlorofluoromethane
 Concen: 24.358 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

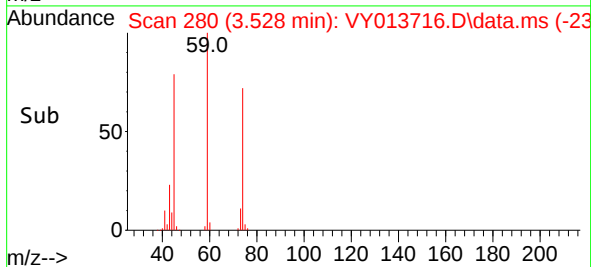
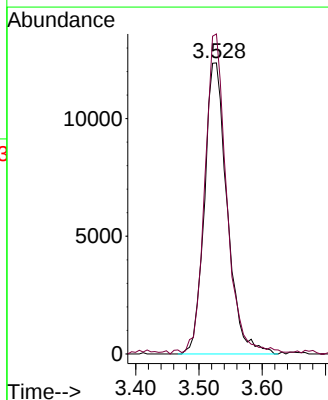
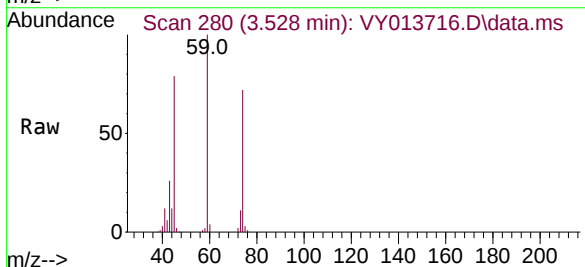
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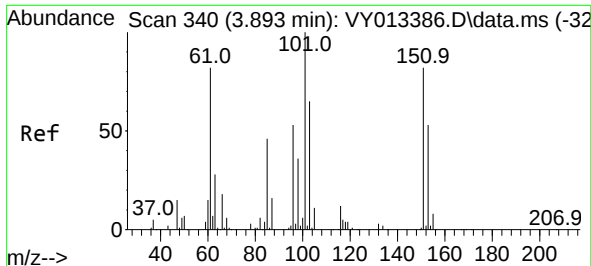
Tgt Ion:101 Resp: 98511
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 22.445 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

Tgt Ion: 74 Resp: 30911
 Ion Ratio Lower Upper
 74 100
 45 106.4 48.2 144.6

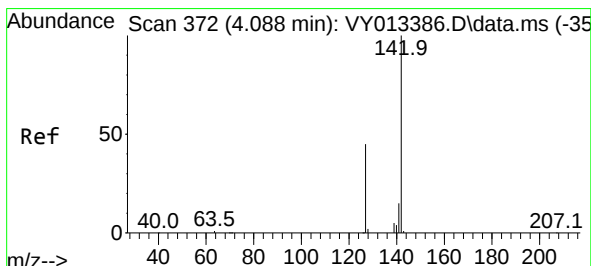
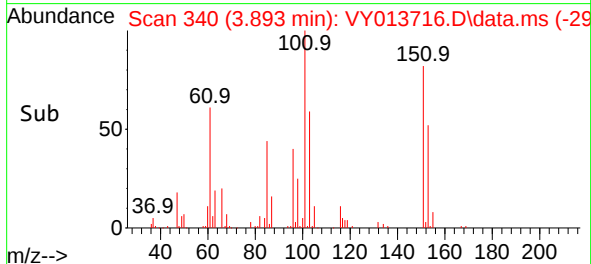
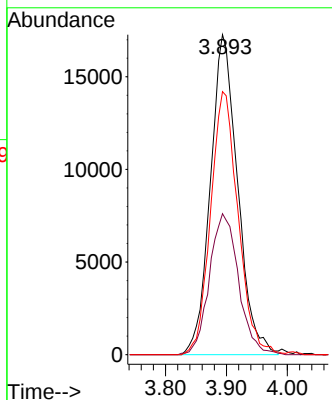
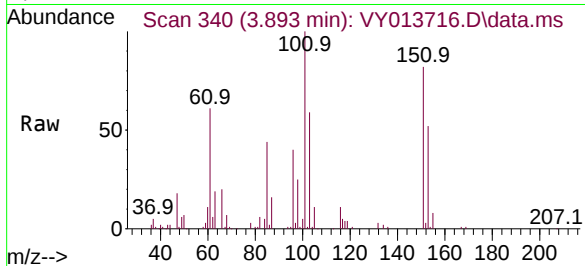




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.663 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

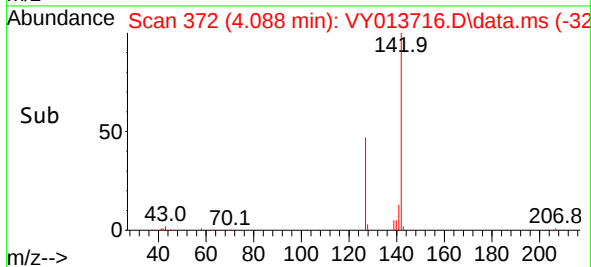
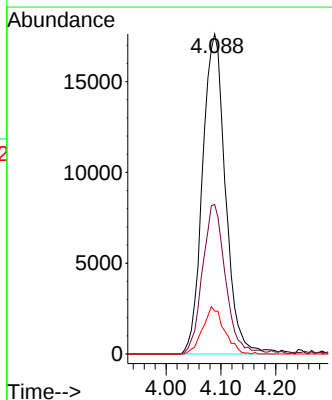
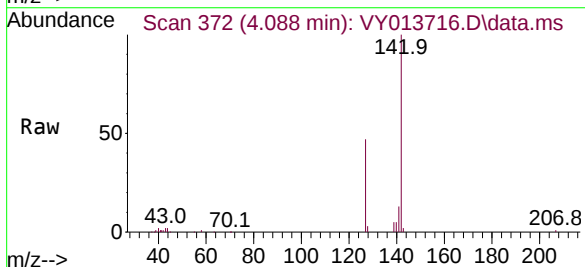
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

Tgt Ion:101 Resp: 53680
Ion Ratio Lower Upper
101 100
85 47.0 35.6 53.4
151 82.8 68.0 102.0



#10
Methyl Iodide
Concen: 17.959 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:142 Resp: 51170
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 13.9 11.6 17.4

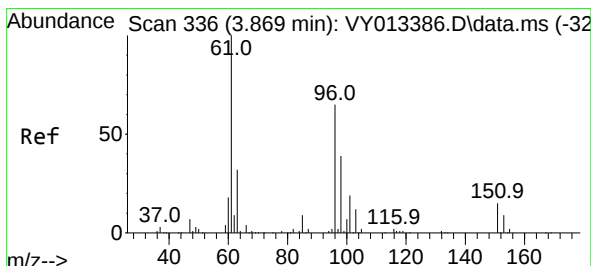
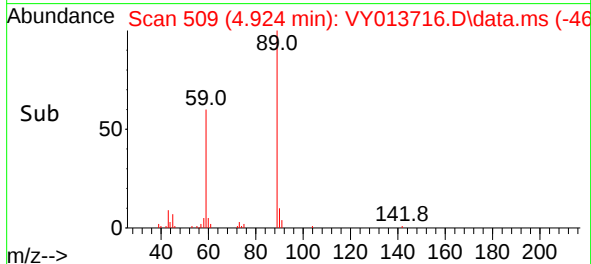
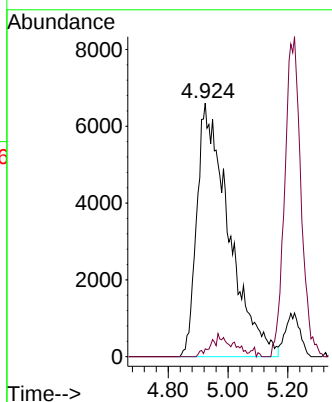
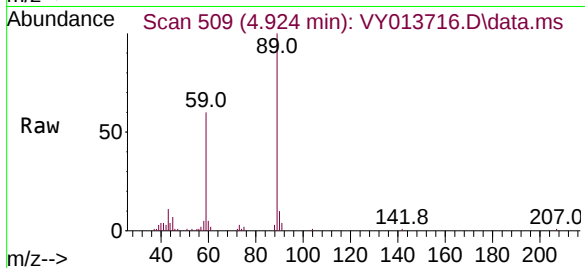




#11
Tert butyl alcohol
Concen: 187.544 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.054 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

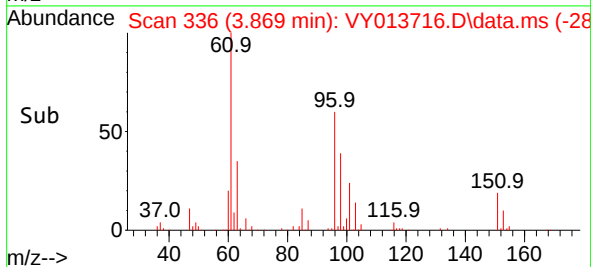
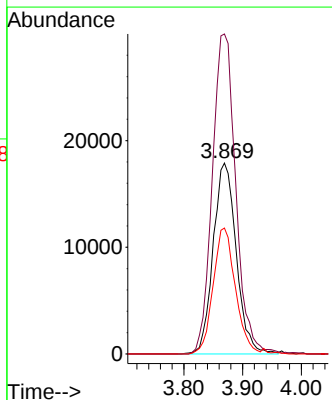
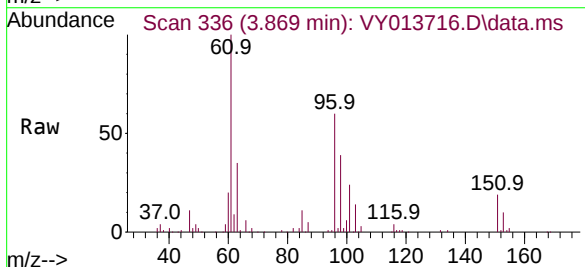
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

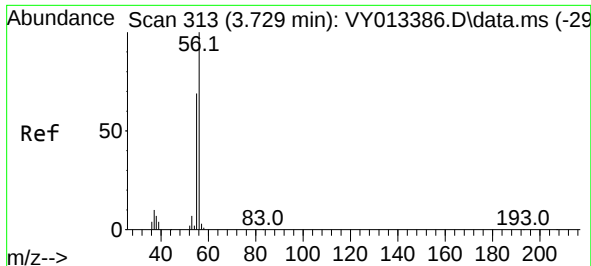
Tgt Ion: 59 Resp: 48679
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.380 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 96 Resp: 48937
Ion Ratio Lower Upper
96 100
61 167.6 123.9 185.9
98 66.0 48.9 73.3





#13

Acrolein

Concen: 80.677 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

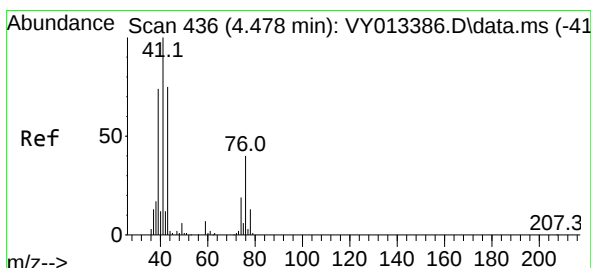
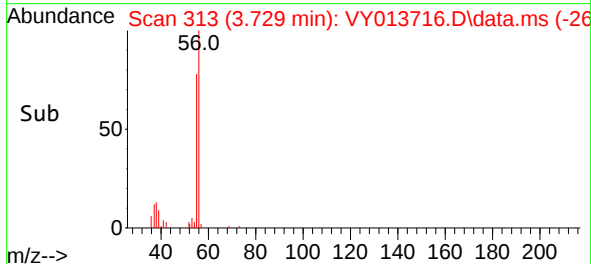
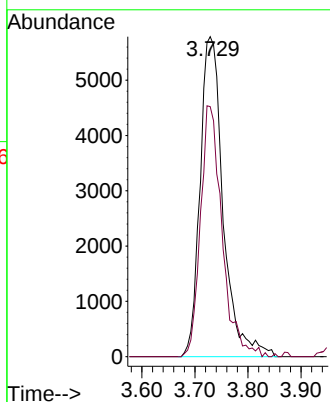
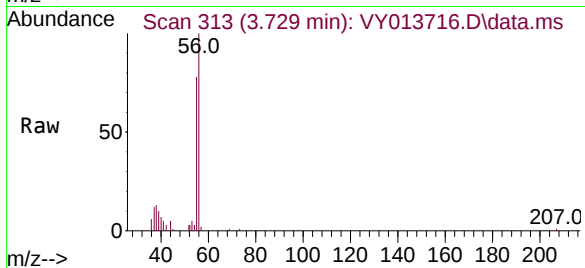
VY0511SBS02

Tgt Ion: 56 Resp: 17467

Ion Ratio Lower Upper

56 100

55 73.4 54.1 81.1



#14

Allyl chloride

Concen: 21.026 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

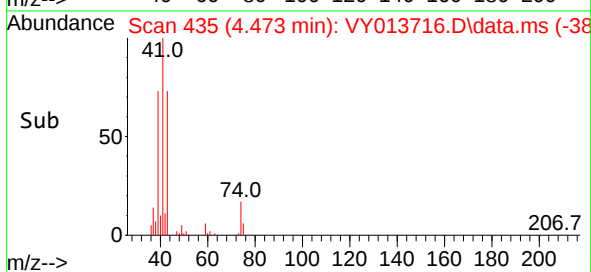
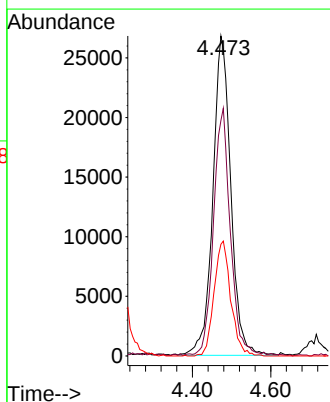
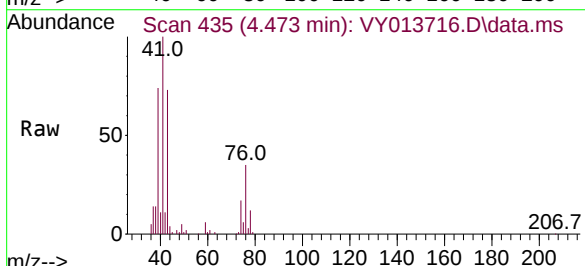
Tgt Ion: 41 Resp: 85310

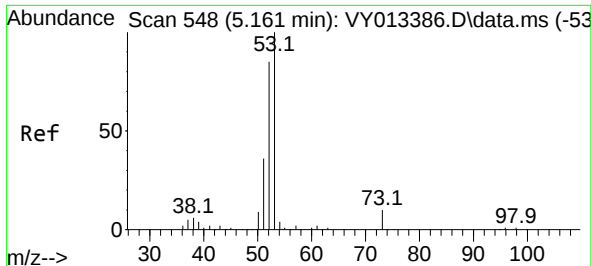
Ion Ratio Lower Upper

41 100

39 72.4 56.6 85.0

76 33.7 30.5 45.7

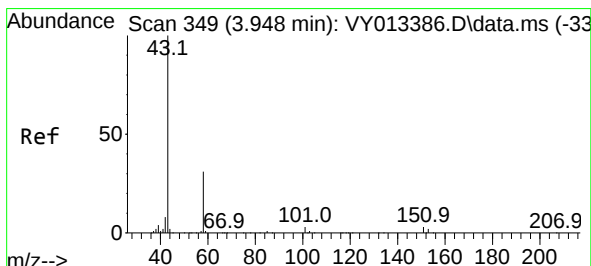
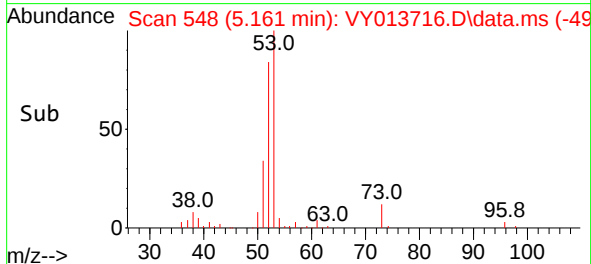
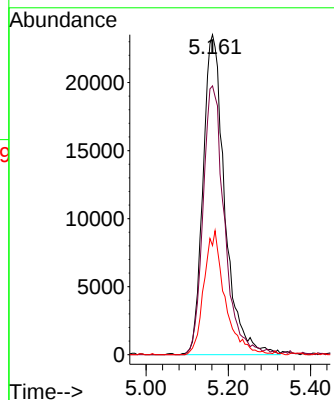
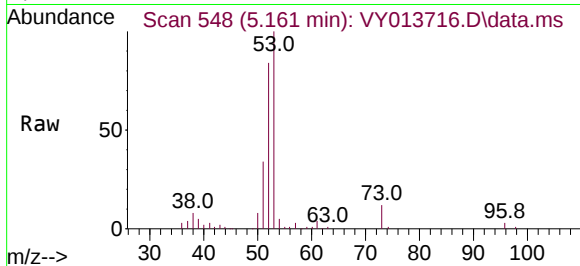




#15
Acrylonitrile
Concen: 111.864 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

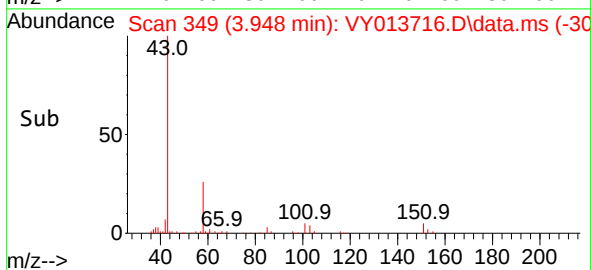
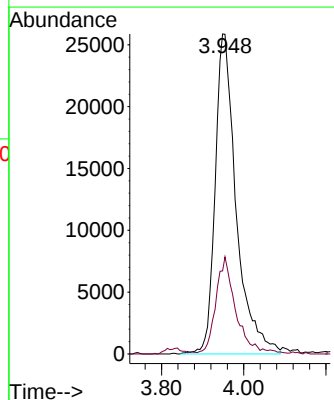
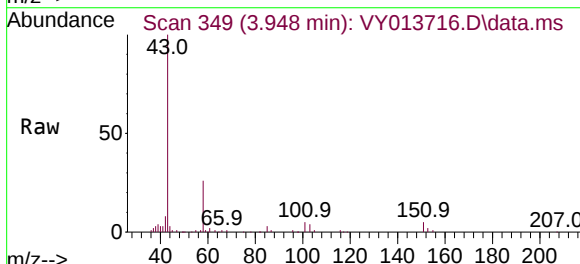
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

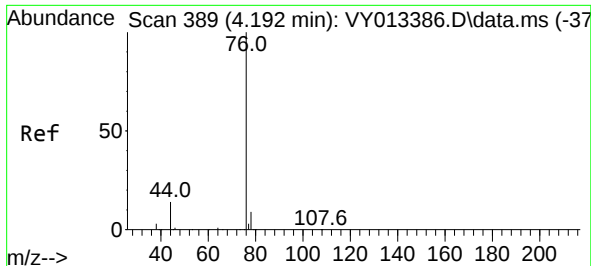
Tgt Ion:	53	Resp:	86279
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.4	98.0
51	37.4	29.3	43.9



#16
Acetone
Concen: 101.389 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:	43	Resp:	92093
Ion	Ratio	Lower	Upper
43	100		
58	25.3	25.4	38.0#

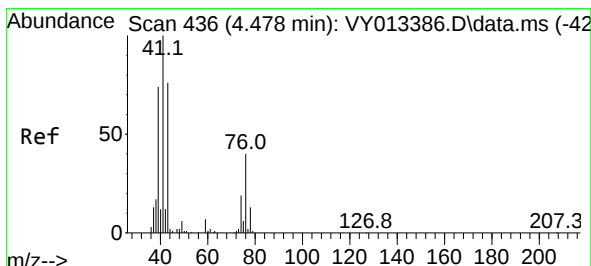
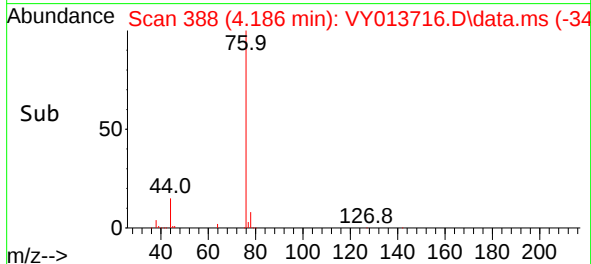
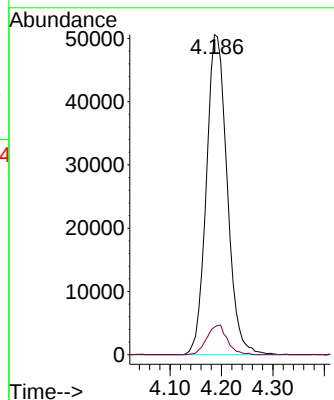
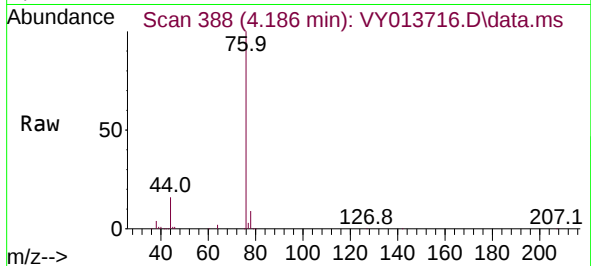




#17
Carbon Disulfide
Concen: 19.995 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

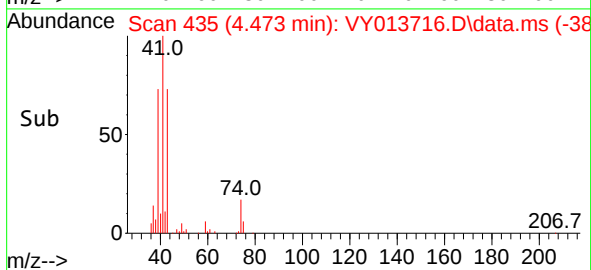
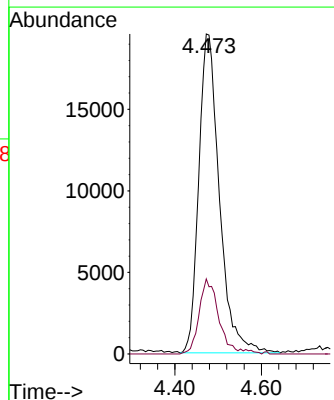
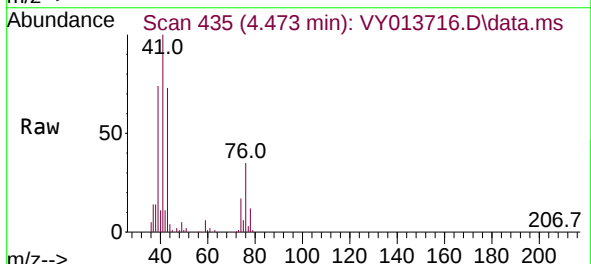
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

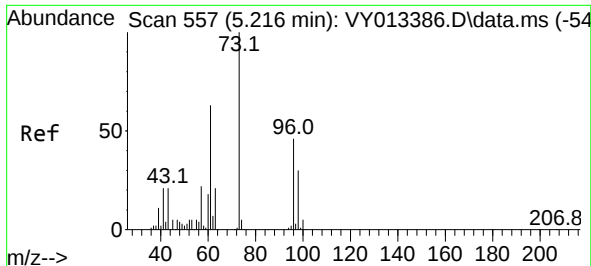
Tgt Ion: 76 Resp: 142024
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.547 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 43 Resp: 64640
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

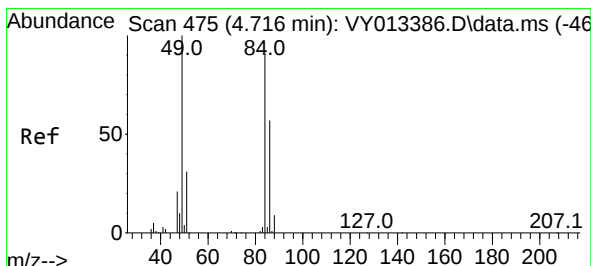
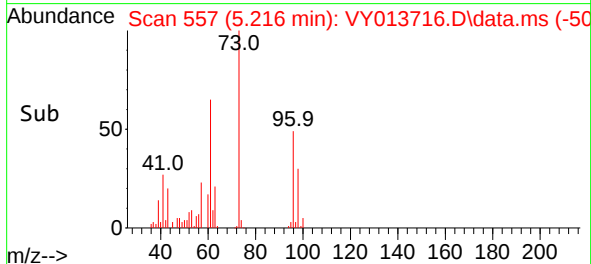
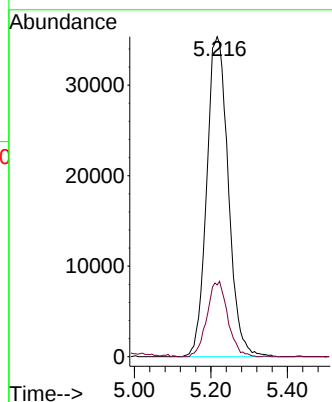
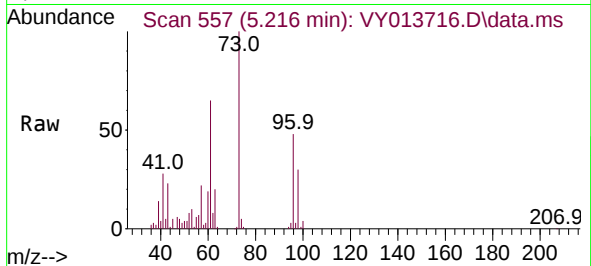




#19
Methyl tert-butyl Ether
Concen: 21.916 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

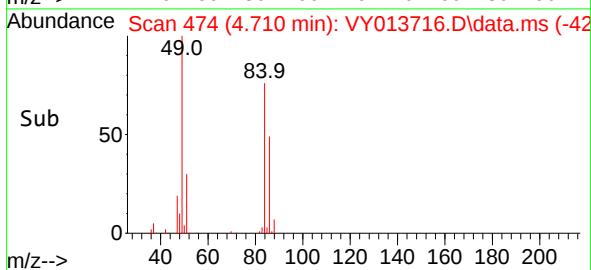
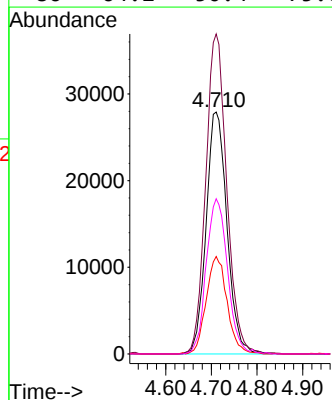
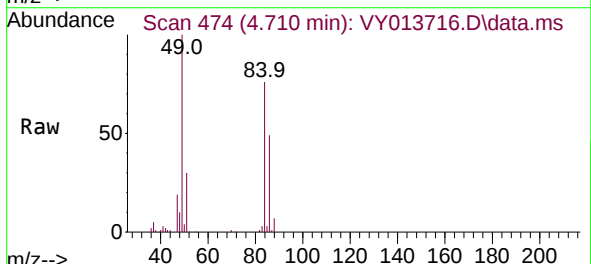
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

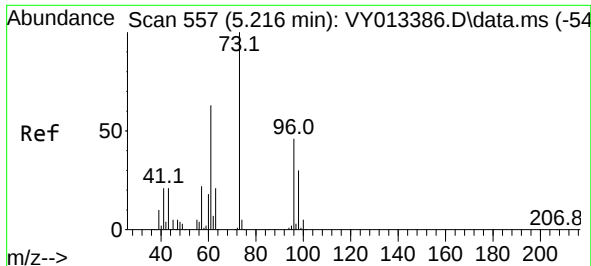
Tgt Ion: 73 Resp: 138354
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 27.571 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 84 Resp: 88779
Ion Ratio Lower Upper
84 100
49 132.3 88.0 132.0#
51 40.3 27.4 41.0
86 64.2 50.4 75.6

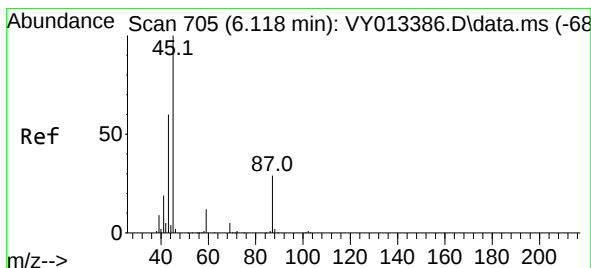
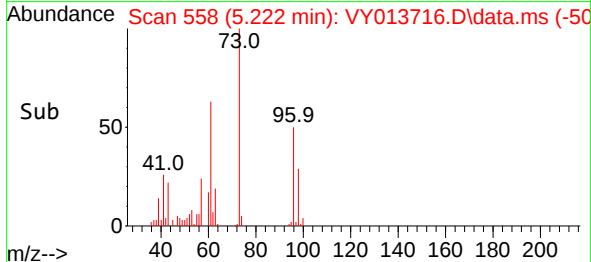
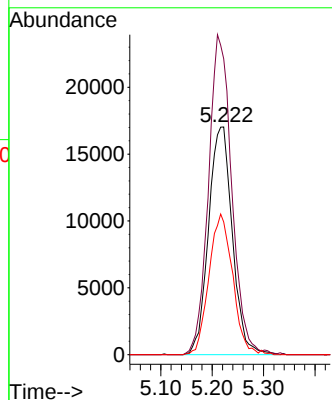
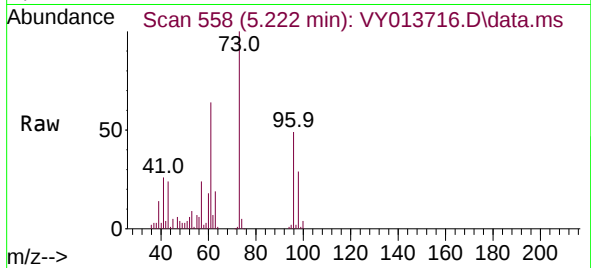




#21
trans-1,2-Dichloroethene
Concen: 22.958 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

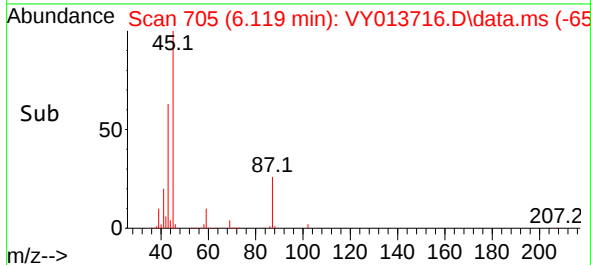
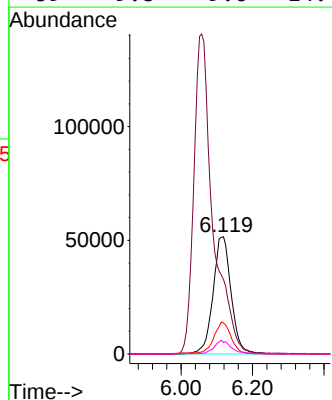
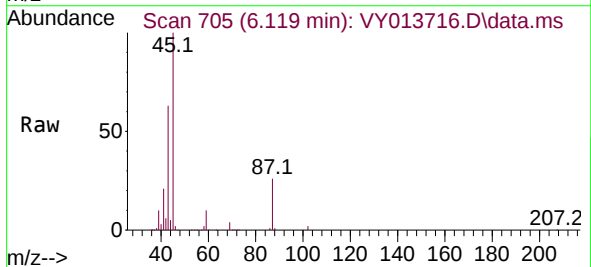
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

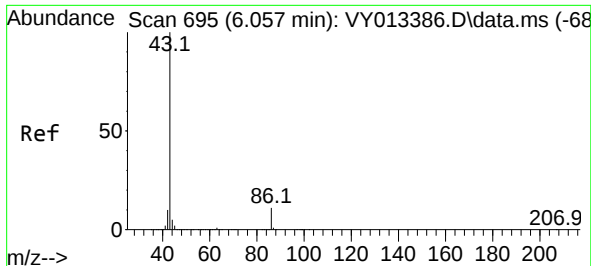
Tgt Ion: 96 Resp: 54889
Ion Ratio Lower Upper
96 100
61 129.9 110.6 165.8
98 58.3 53.1 79.7



#22
Diisopropyl ether
Concen: 22.767 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 45 Resp: 180550
Ion Ratio Lower Upper
45 100
43 62.8 48.4 72.6
87 26.3 23.8 35.6
59 9.8 9.6 14.4

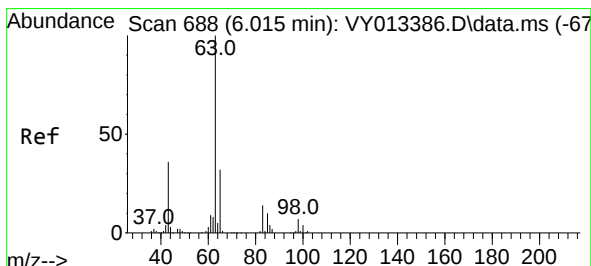
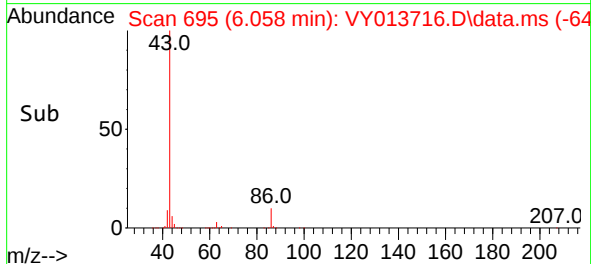
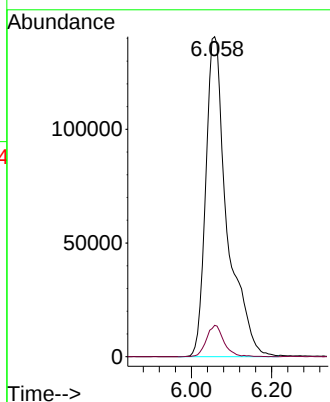
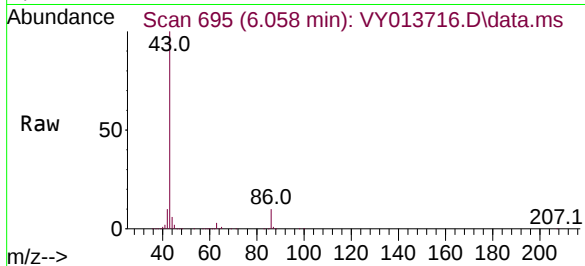




#23
 Vinyl Acetate
 Concen: 116.045 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

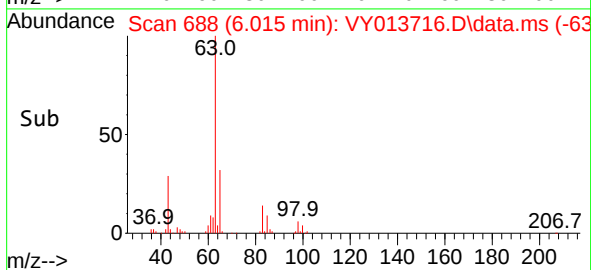
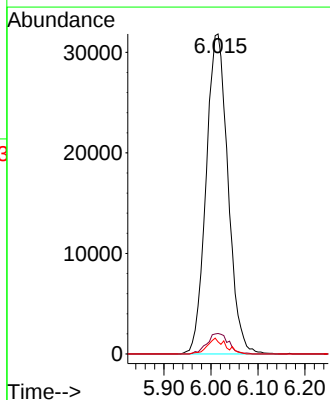
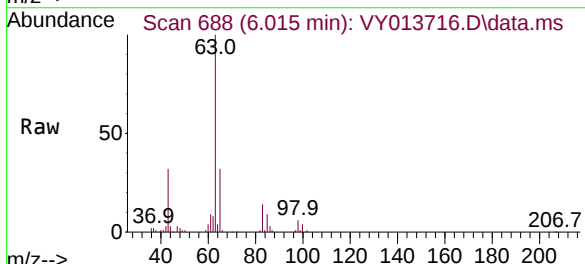
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS02

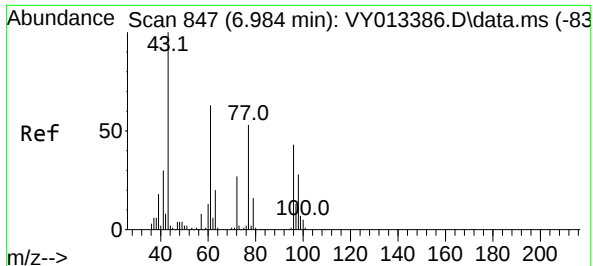
Tgt Ion: 43 Resp: 521063
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 23.230 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

Tgt Ion: 63 Resp: 102676
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 3.8 2.2 6.6

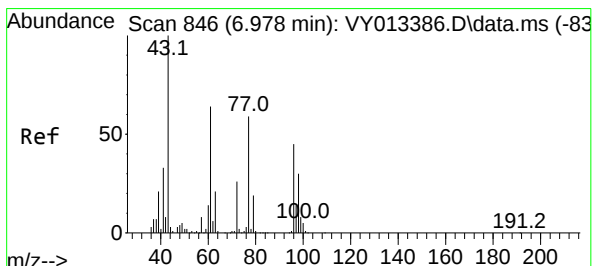
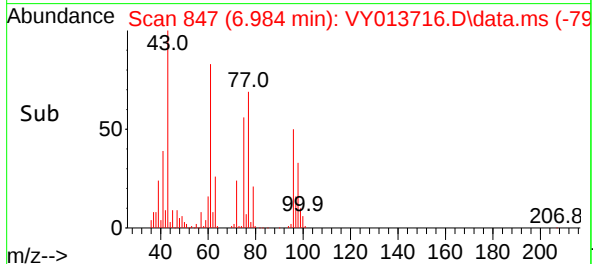
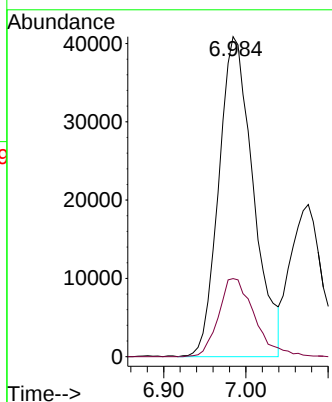
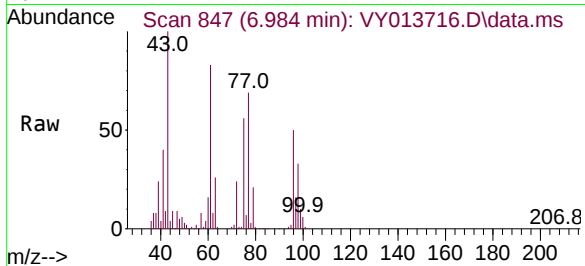




#25
2-Butanone
Concen: 103.601 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

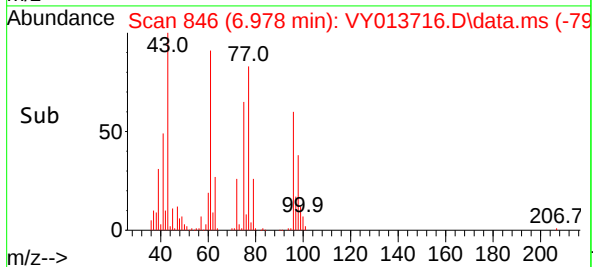
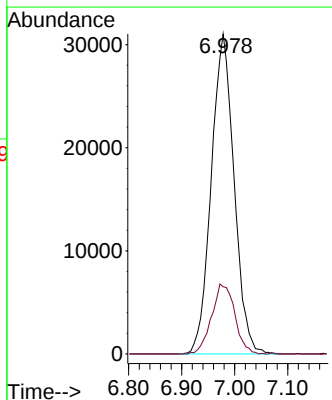
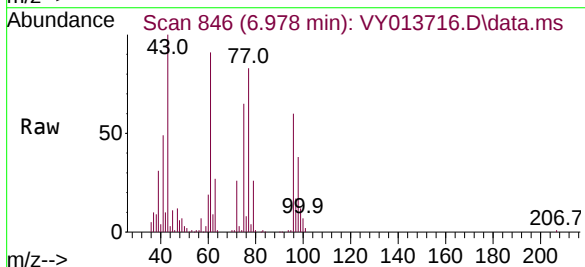
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

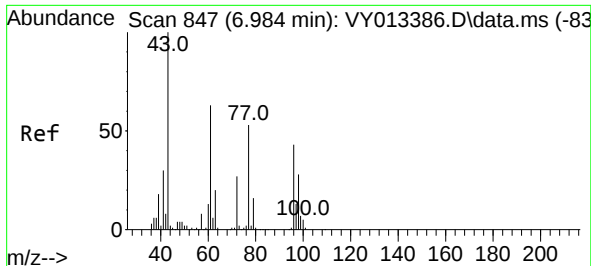
Tgt Ion: 43 Resp: 119342
Ion Ratio Lower Upper
43 100
72 24.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.362 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 77 Resp: 92786
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4

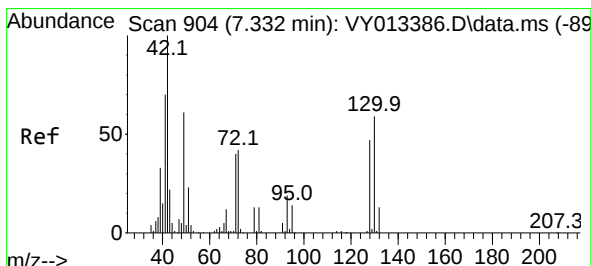
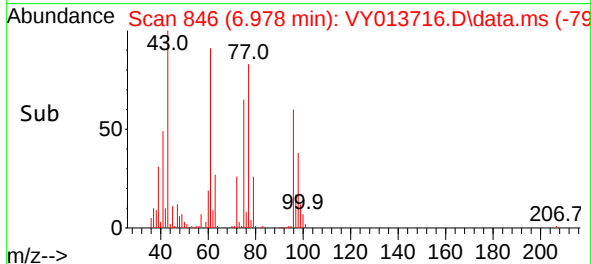
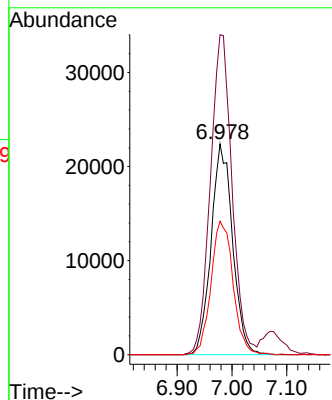
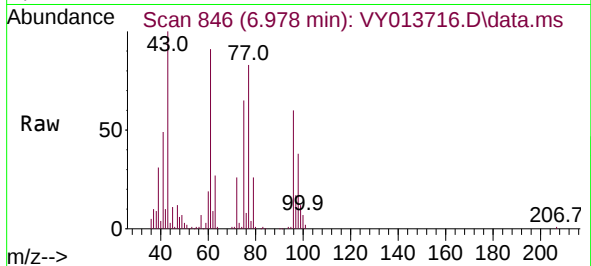




#27
 cis-1,2-Dichloroethene
 Concen: 23.119 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

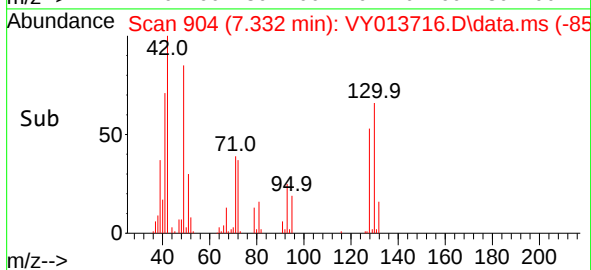
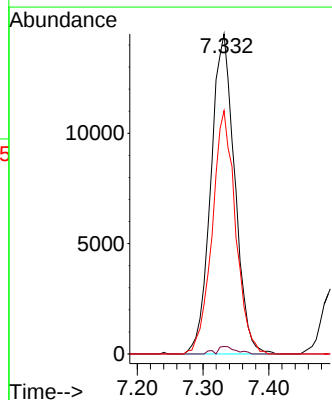
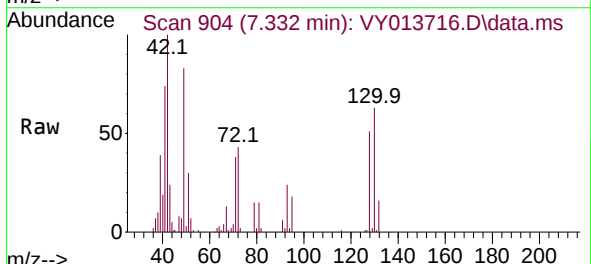
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS02

Tgt Ion: 96 Resp: 61072
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 285.0
 98 64.8 0.0 130.6



#28
 Bromochloromethane
 Concen: 23.343 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

Tgt Ion: 49 Resp: 36612
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.2
 130 74.3 72.1 108.1

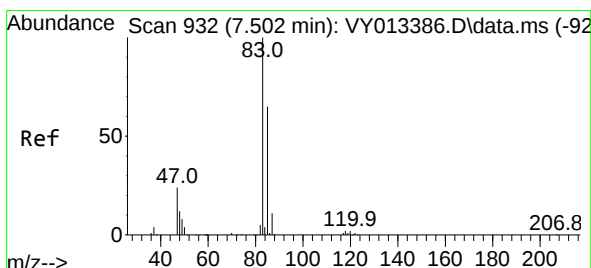
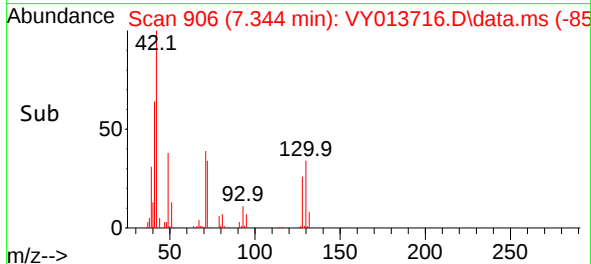
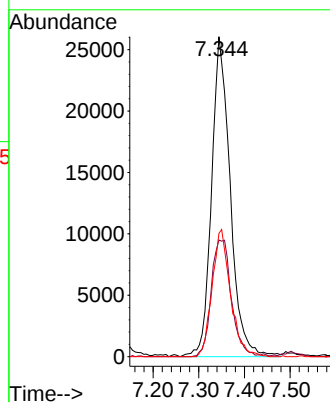
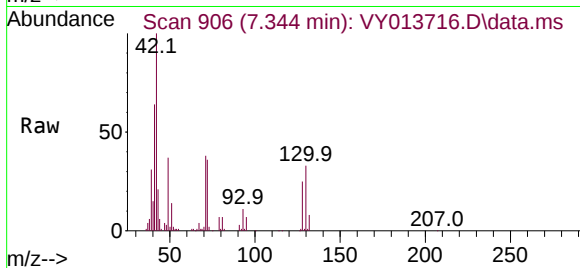




#29
Tetrahydrofuran
Concen: 103.194 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

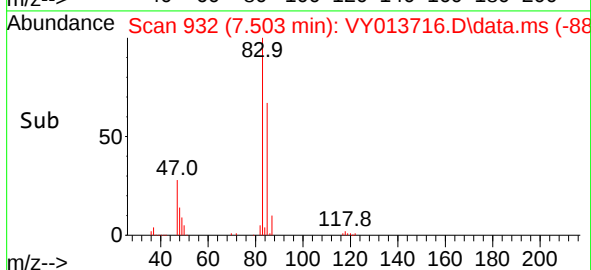
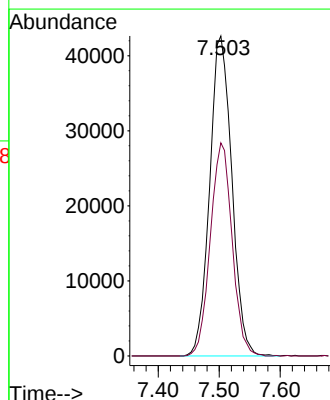
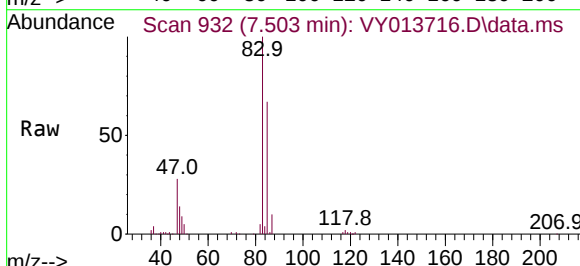
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

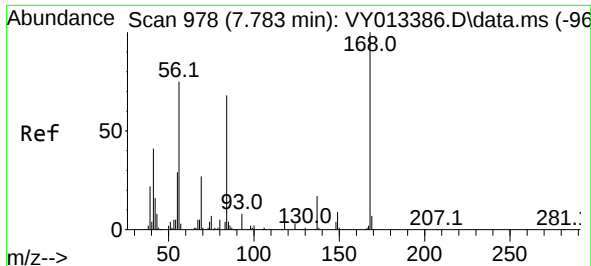
Tgt Ion: 42 Resp: 73996
Ion Ratio Lower Upper
42 100
72 39.4 35.9 53.9
71 39.0 34.3 51.5



#30
Chloroform
Concen: 24.522 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 83 Resp: 107763
Ion Ratio Lower Upper
83 100
85 66.6 52.0 78.0

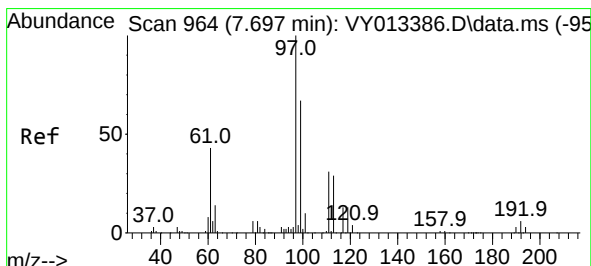
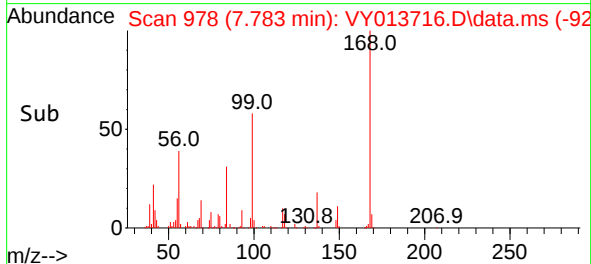
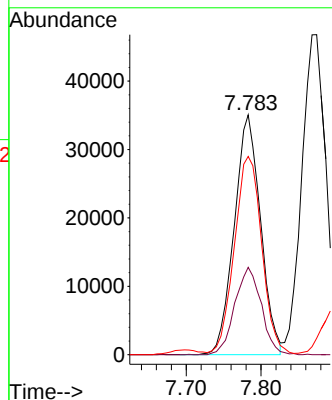
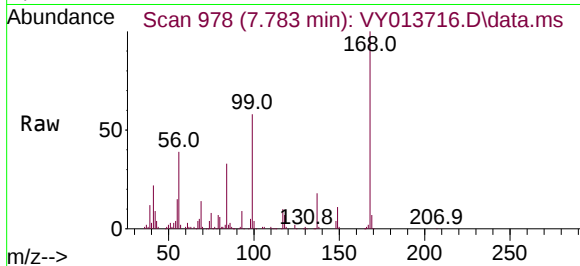




#31
Cyclohexane
Concen: 20.769 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

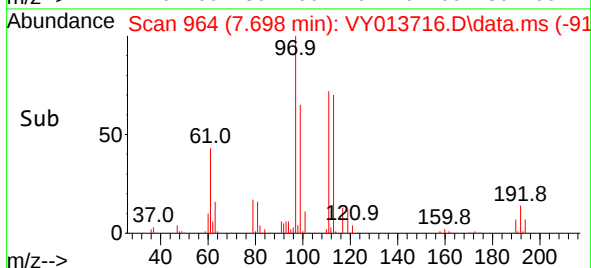
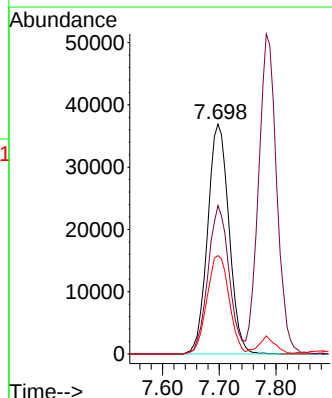
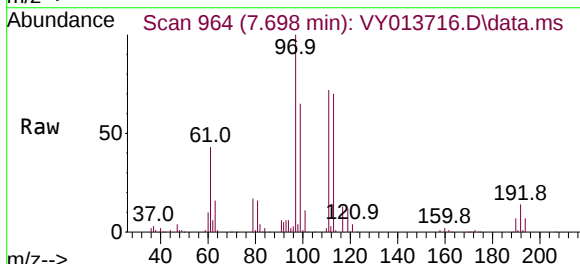
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

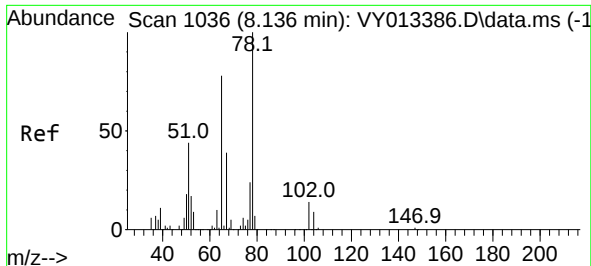
Tgt Ion: 56 Resp: 85768
Ion Ratio Lower Upper
56 100
69 36.4 29.2 43.8
84 80.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 24.571 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 97 Resp: 96353
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 44.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.585 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

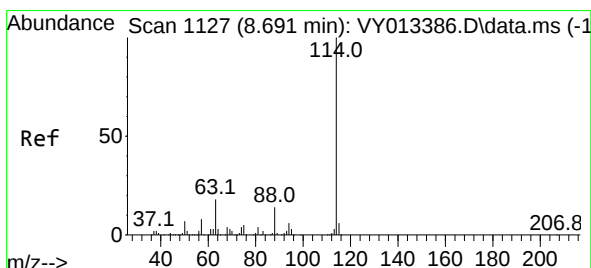
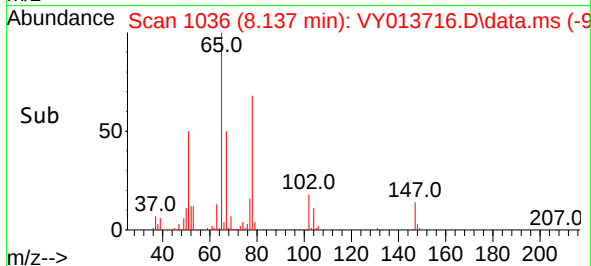
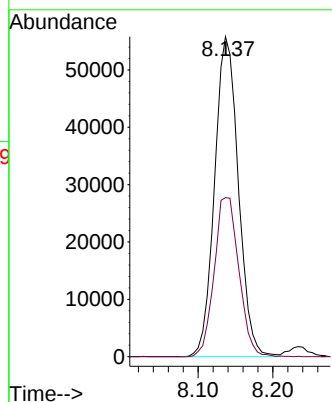
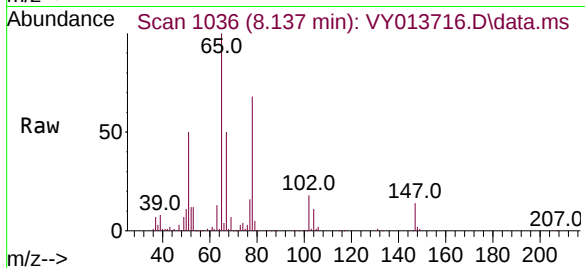
VY0511SBS02

Tgt Ion: 65 Resp: 123593

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

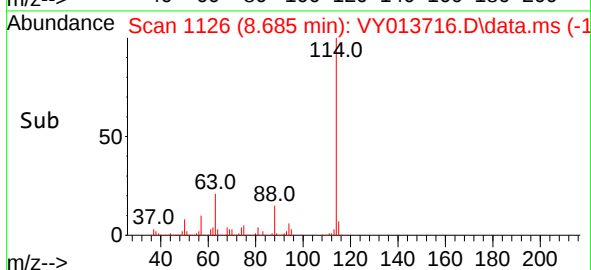
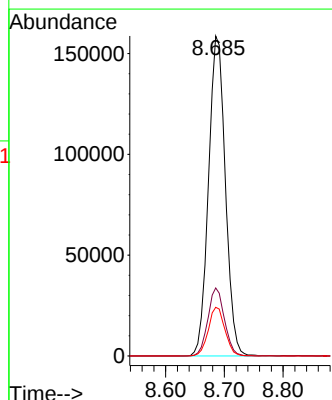
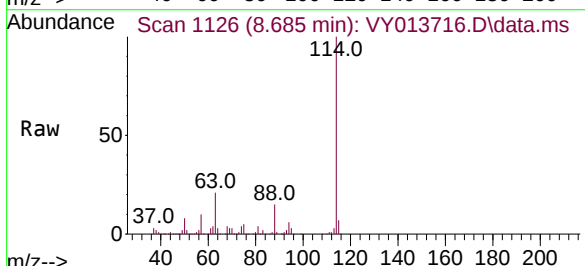
Tgt Ion: 114 Resp: 316080

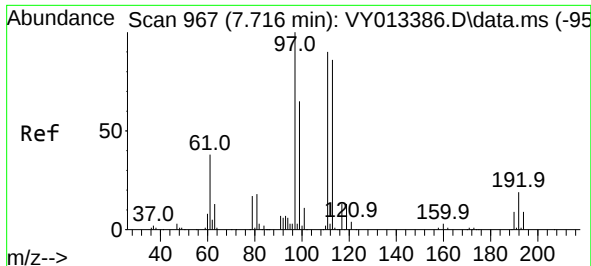
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 15.2 0.0 28.8

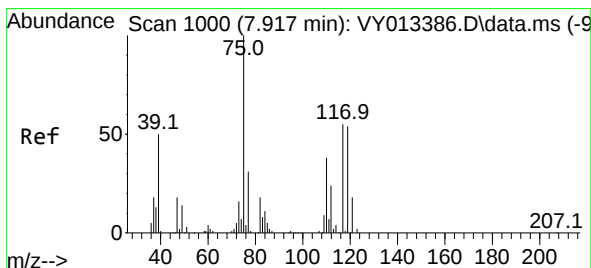
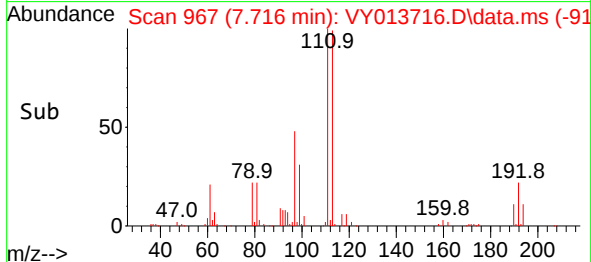
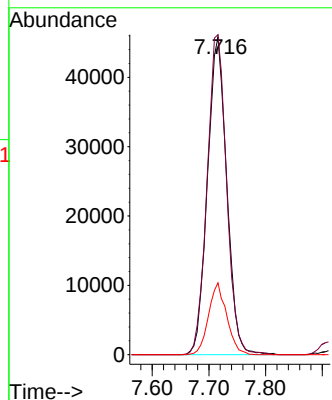
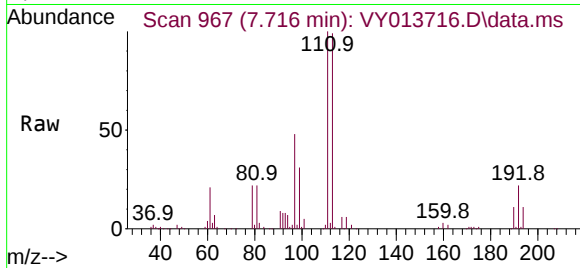




#35
Dibromofluoromethane
Concen: 54.439 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

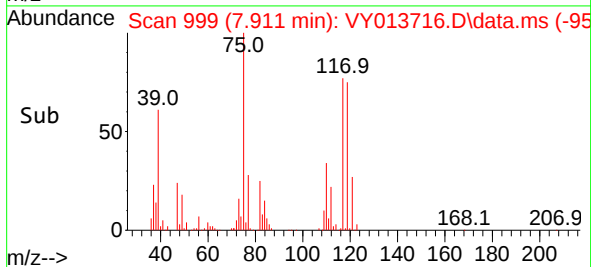
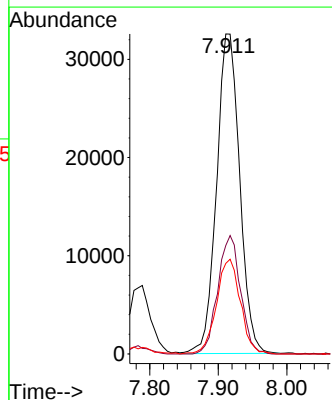
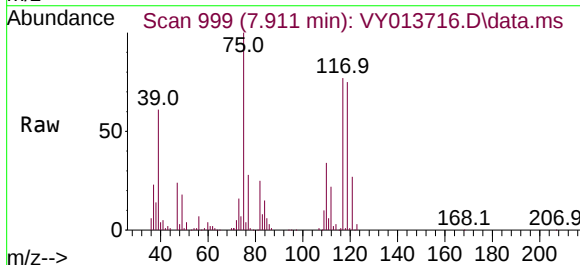
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

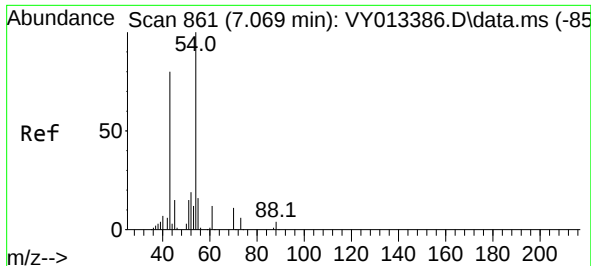
Tgt Ion:113 Resp: 108224
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 23.070 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 75 Resp: 76115
Ion Ratio Lower Upper
75 100
110 36.5 18.7 56.1
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 21.560 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

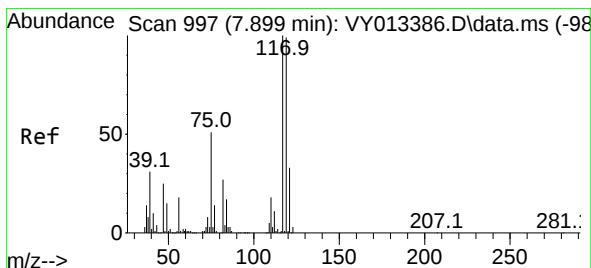
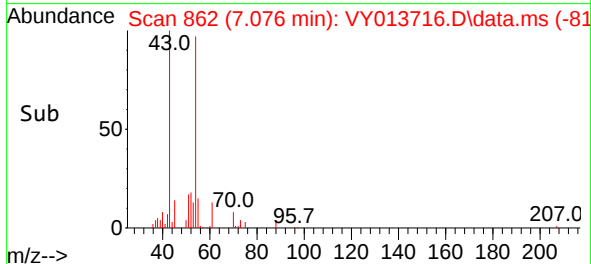
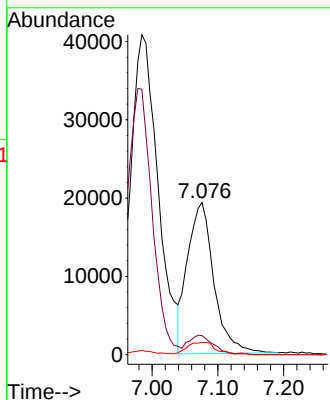
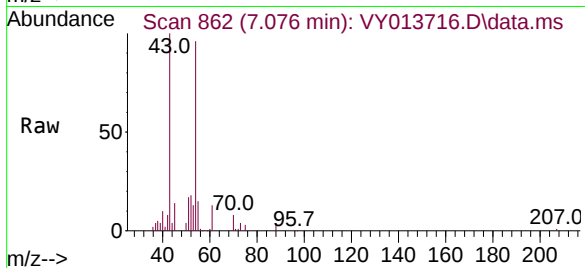
Tgt Ion: 43 Resp: 53530

Ion Ratio Lower Upper

43 100

61 12.4 11.4 17.0

70 8.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 25.633 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

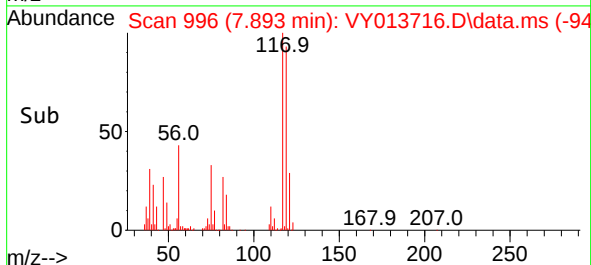
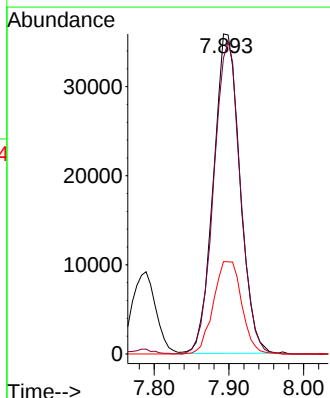
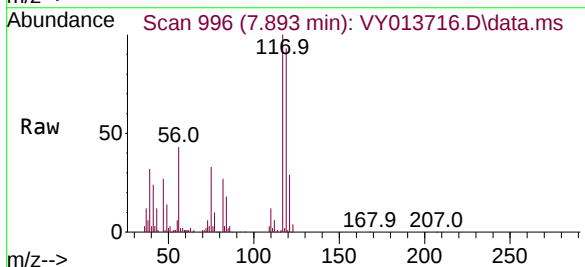
Tgt Ion: 117 Resp: 88642

Ion Ratio Lower Upper

117 100

119 92.6 79.0 118.6

121 29.0 26.6 40.0

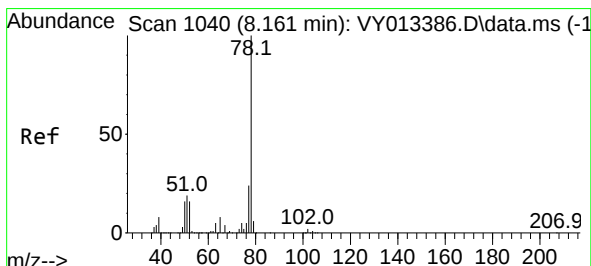
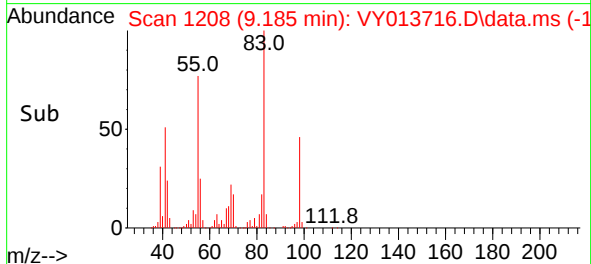
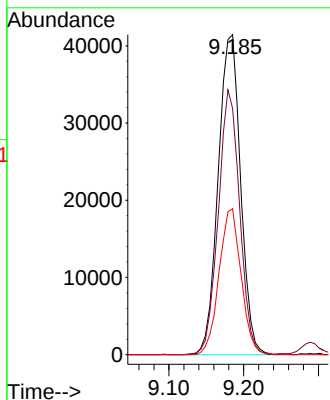
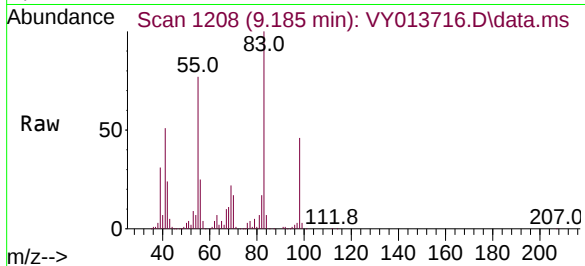




#39
Methylcyclohexane
Concen: 22.235 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

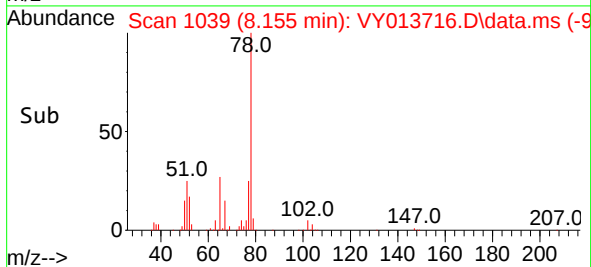
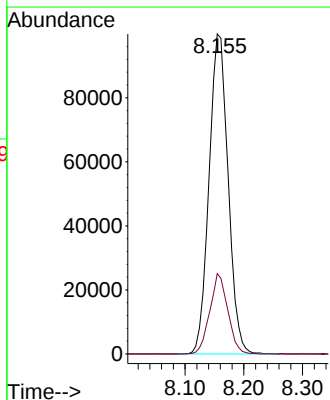
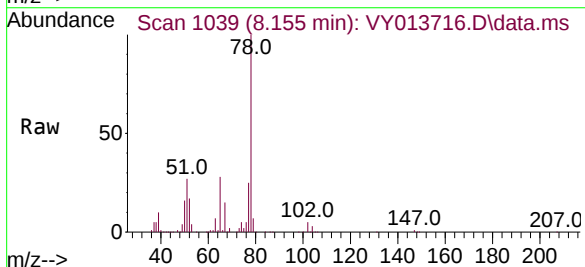
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

Tgt Ion:	83	Resp:	86485
Ion	Ratio	Lower	Upper
83	100		
55	76.9	59.0	88.4
98	45.6	37.0	55.4



#40
Benzene
Concen: 24.250 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:	78	Resp:	225375
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8

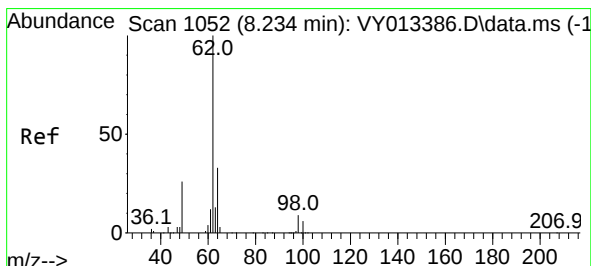
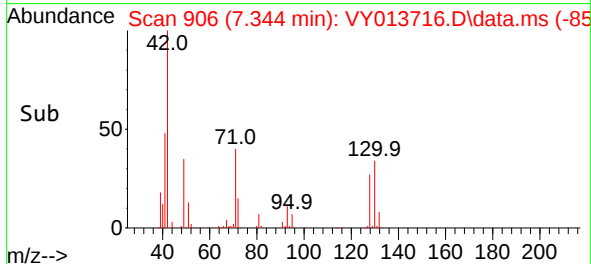
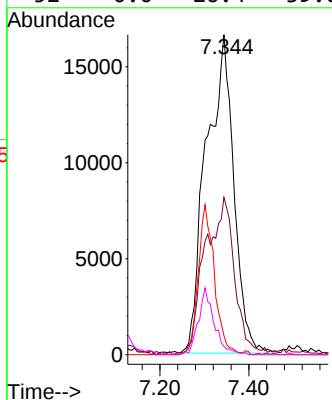
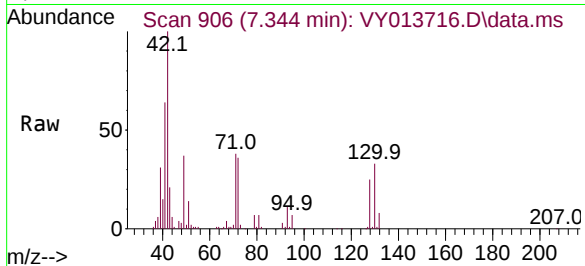




#41
Methacrylonitrile
Concen: 61.669 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

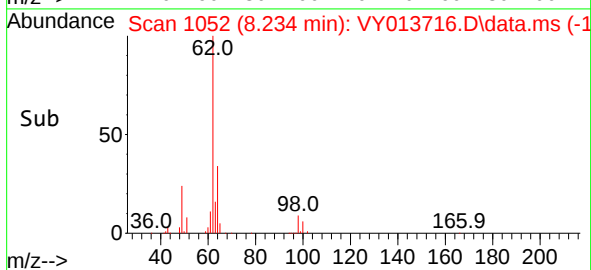
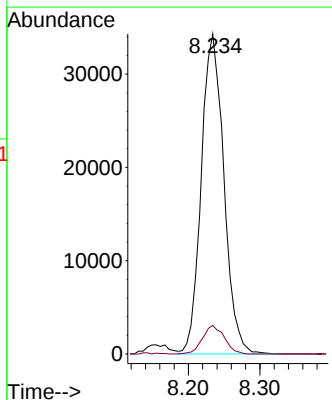
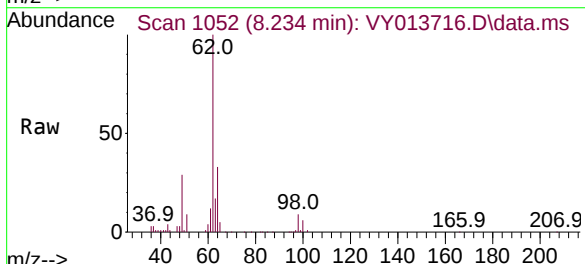
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

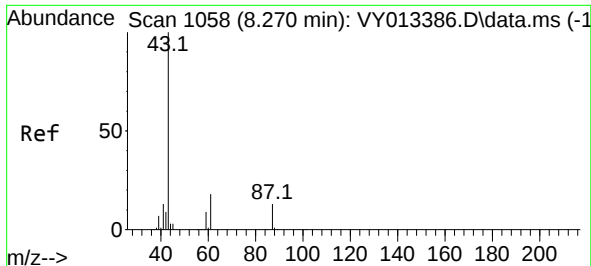
Tgt Ion: 41 Resp: 71352
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 24.813 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 62 Resp: 75393
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

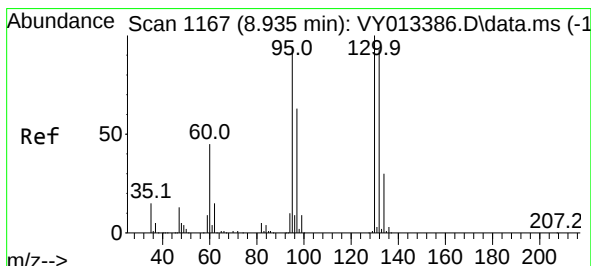
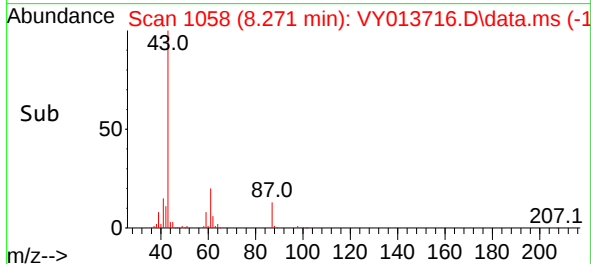
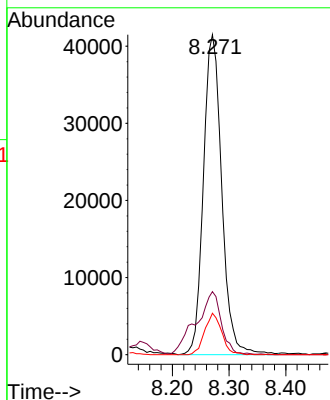
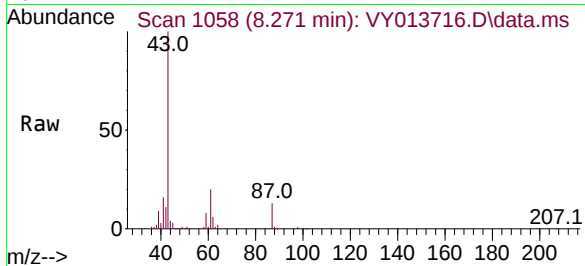




#43
Isopropyl Acetate
Concen: 22.264 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

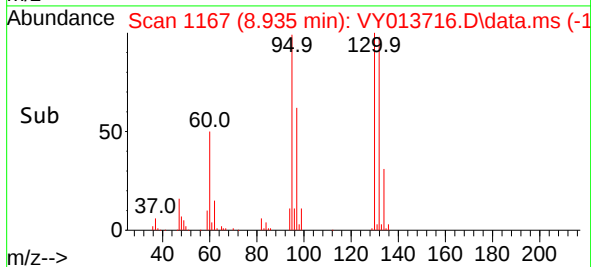
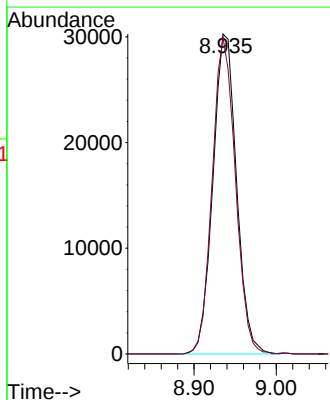
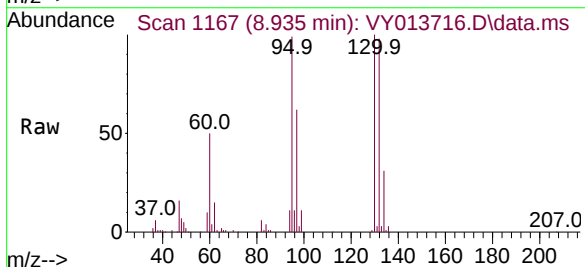
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

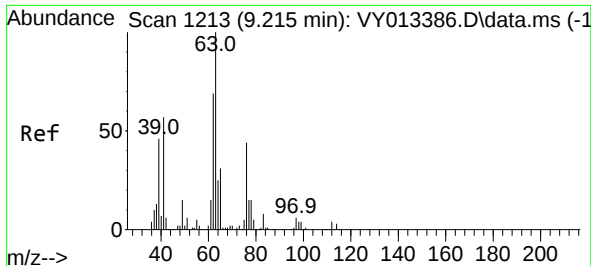
Tgt Ion: 43 Resp: 93307
Ion Ratio Lower Upper
43 100
61 26.7 22.2 33.4
87 12.0 11.0 16.6



#44
Trichloroethene
Concen: 24.384 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:130 Resp: 60281
Ion Ratio Lower Upper
130 100
95 98.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 24.028 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

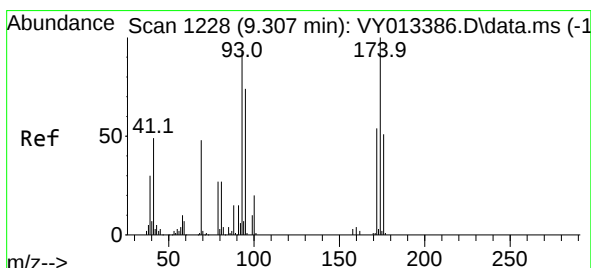
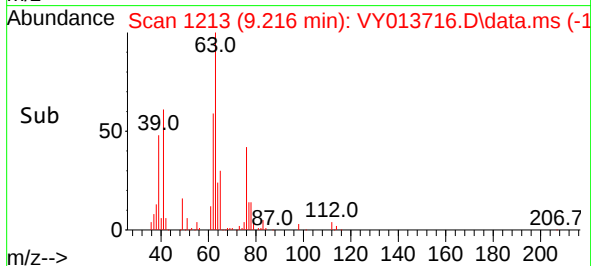
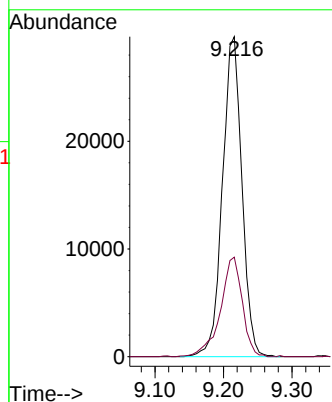
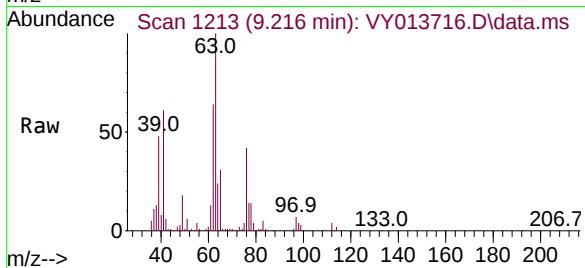
VY0511SBS02

Tgt Ion: 63 Resp: 58389

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 23.881 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

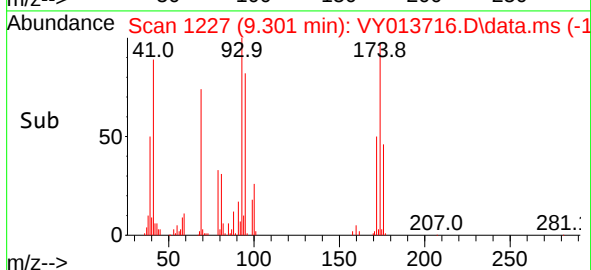
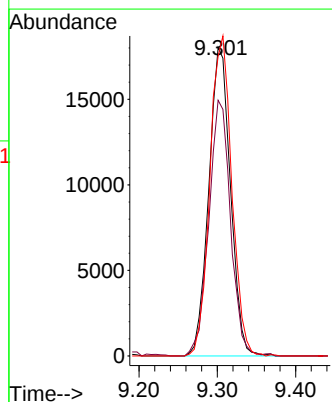
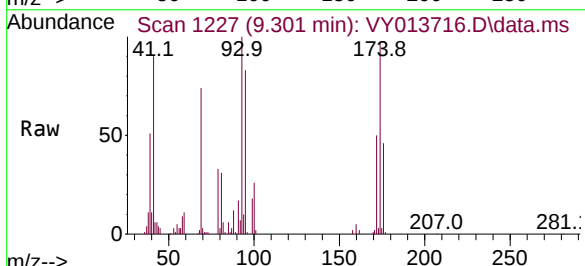
Tgt Ion: 93 Resp: 34723

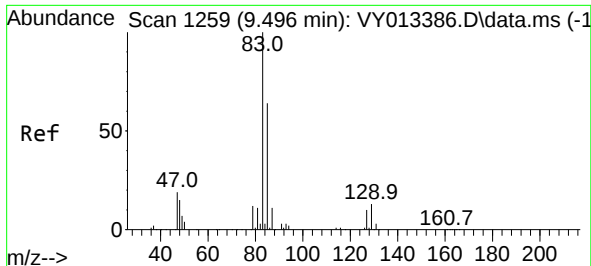
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 104.6 87.0 130.4

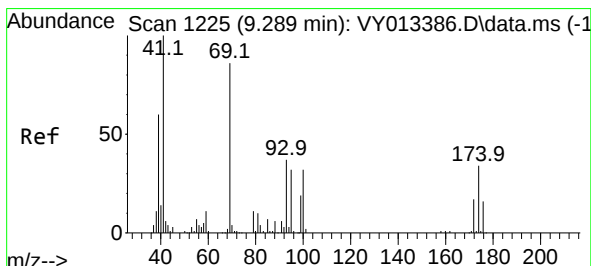
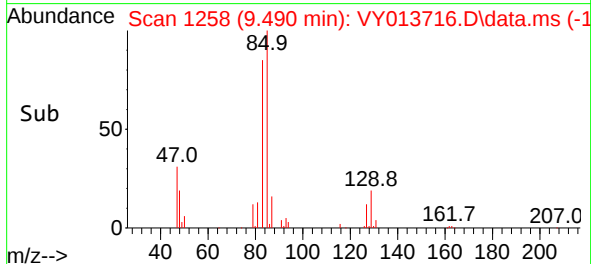
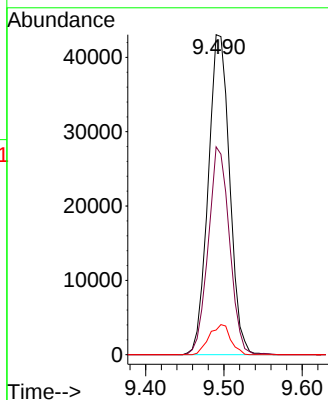
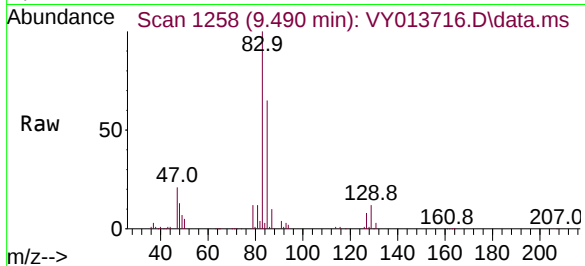




#47
Bromodichloromethane
Concen: 25.175 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

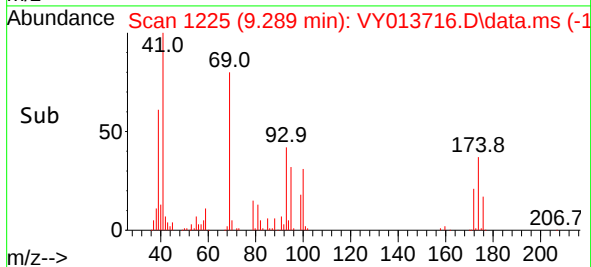
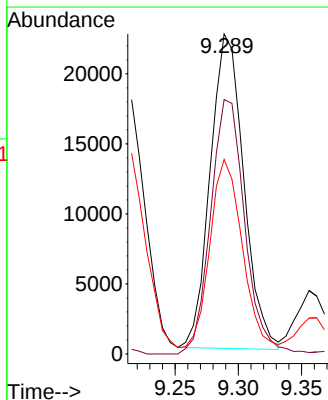
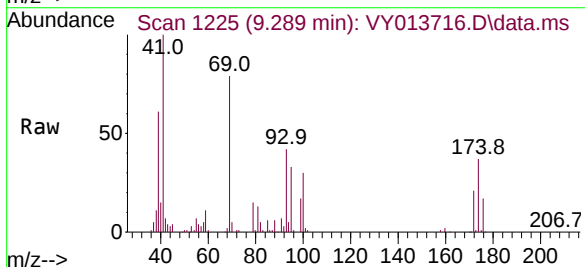
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

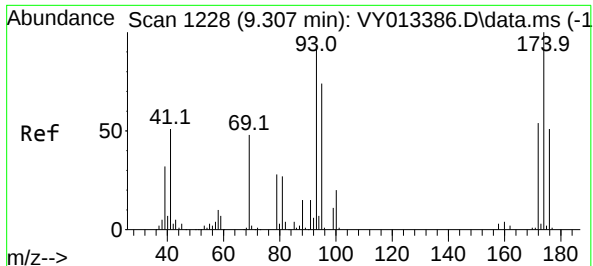
Tgt Ion: 83 Resp: 81907
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2
127 7.7 8.1 12.1#



#48
Methyl methacrylate
Concen: 21.459 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 41 Resp: 41302
Ion Ratio Lower Upper
41 100
69 82.4 70.2 105.4
39 57.9 47.9 71.9





#49

1,4-Dioxane

Concen: 435.090 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

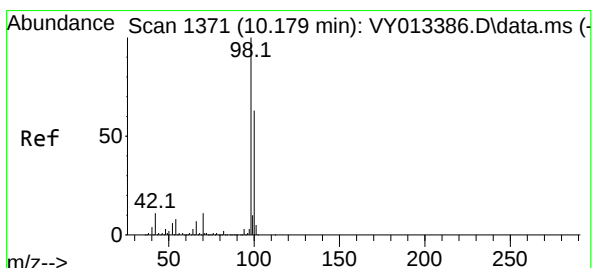
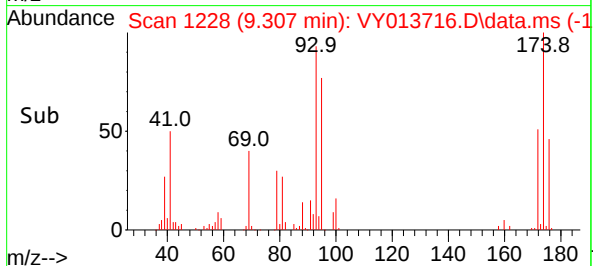
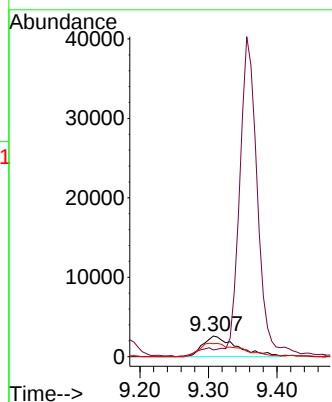
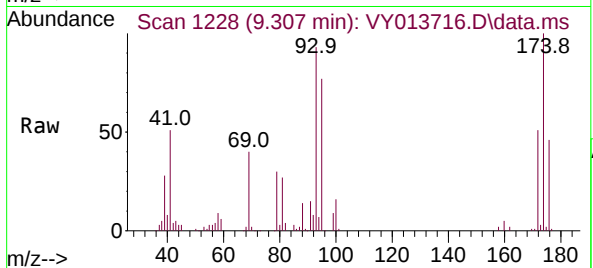
Tgt Ion: 88 Resp: 9035

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 78.5 54.3 81.5



#50

Toluene-d8

Concen: 51.088 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013716.D

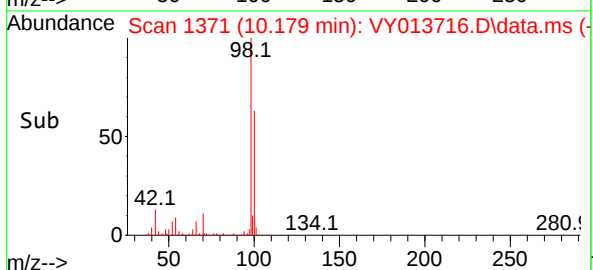
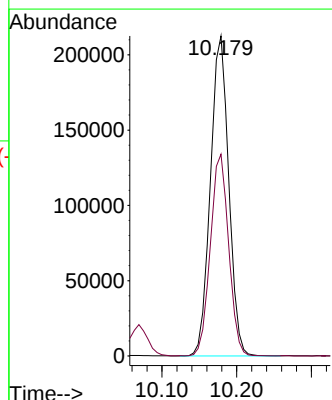
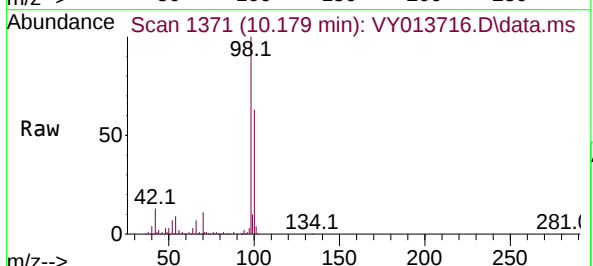
Acq: 11 May 2023 15:00

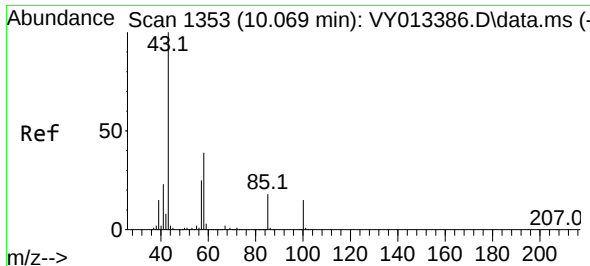
Tgt Ion: 98 Resp: 361303

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

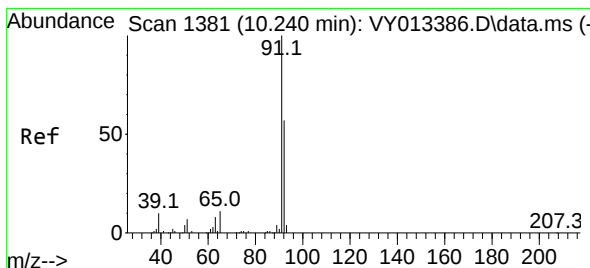
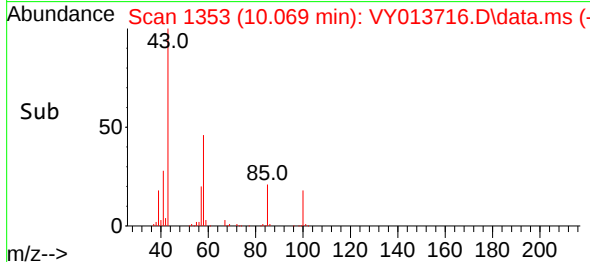
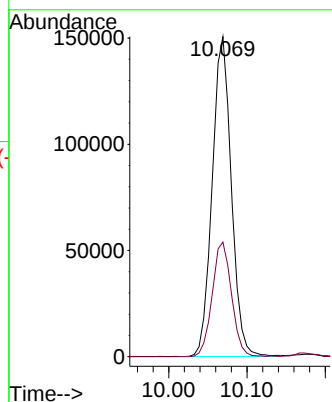
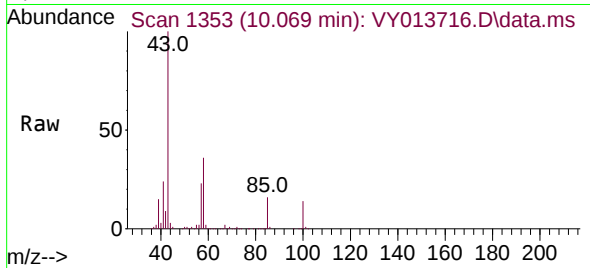




#51
4-Methyl-2-Pentanone
Concen: 109.451 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

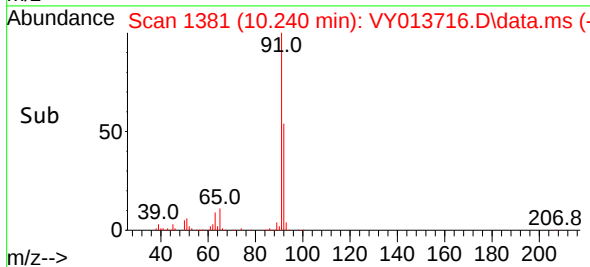
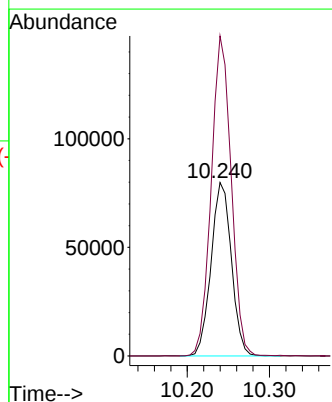
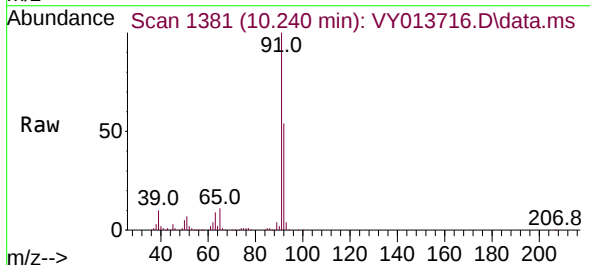
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

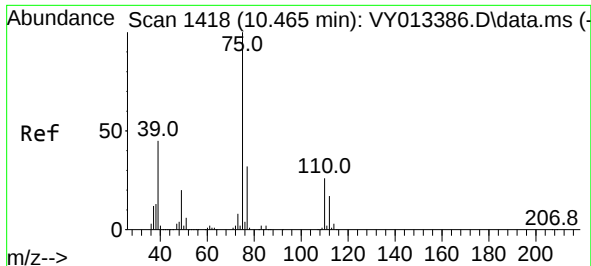
Tgt Ion: 43 Resp: 255604
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 24.521 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 92 Resp: 137141
Ion Ratio Lower Upper
92 100
91 181.2 140.2 210.4

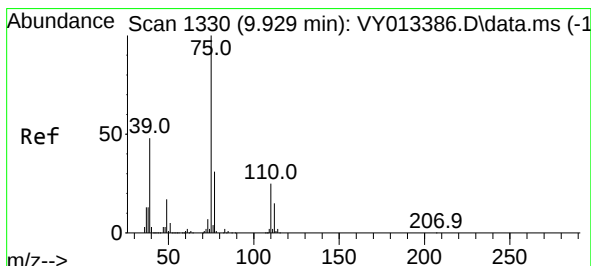
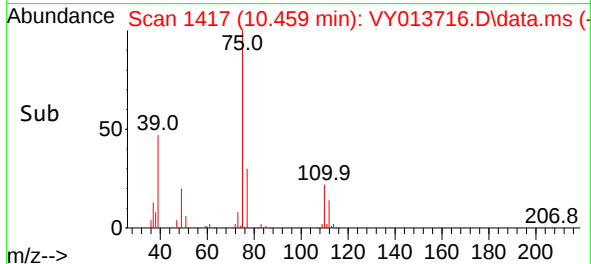
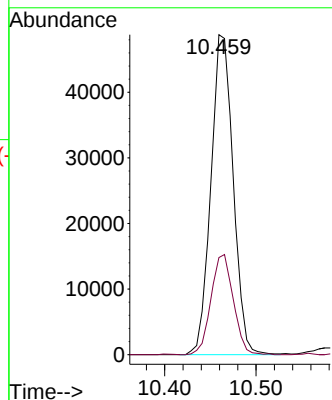
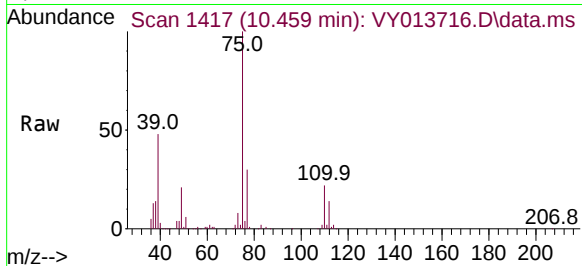




#53
 t-1,3-Dichloropropene
 Concen: 23.959 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

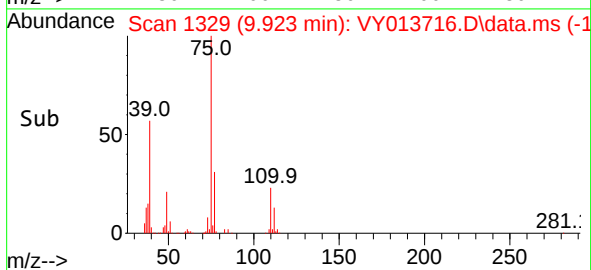
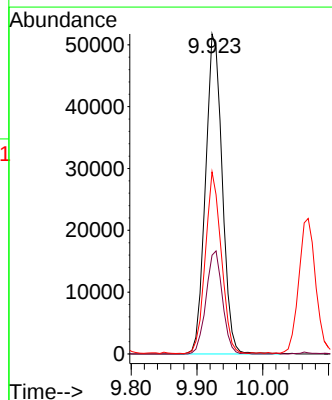
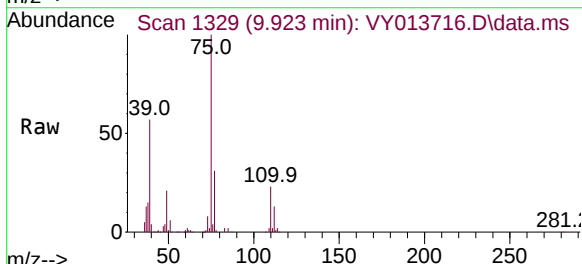
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS02

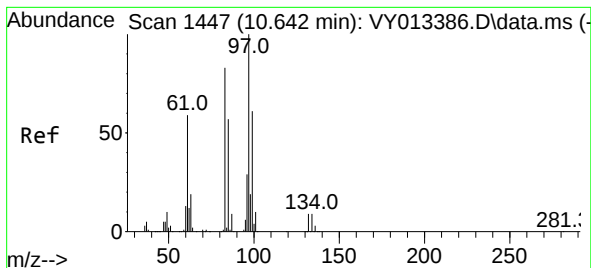
Tgt Ion: 75 Resp: 82497
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.639 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

Tgt Ion: 75 Resp: 91587
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 56.7 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 24.436 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

Tgt Ion: 97 Resp: 47051

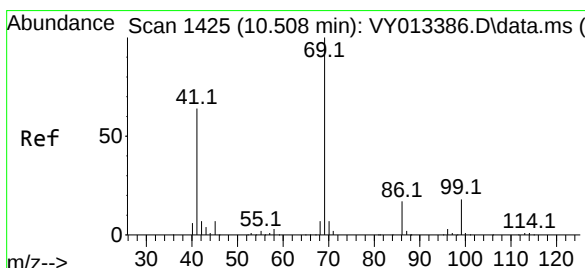
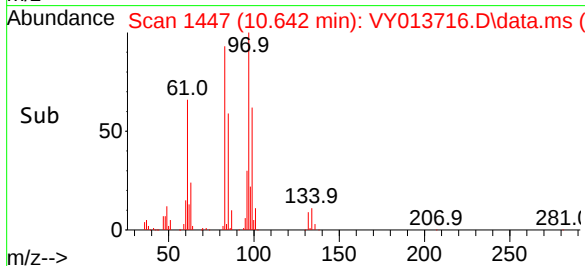
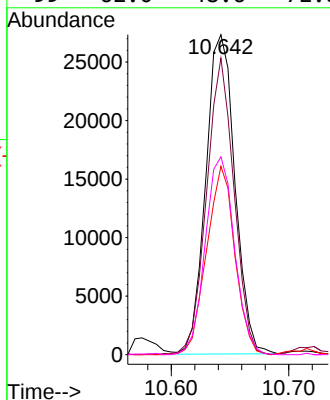
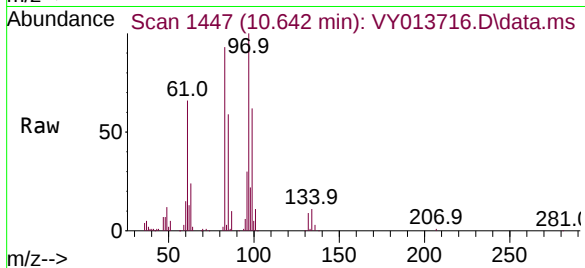
Ion Ratio Lower Upper

97 100

83 92.6 66.4 99.6

85 58.7 45.6 68.4

99 62.0 48.6 72.8



#56

Ethyl methacrylate

Concen: 22.945 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

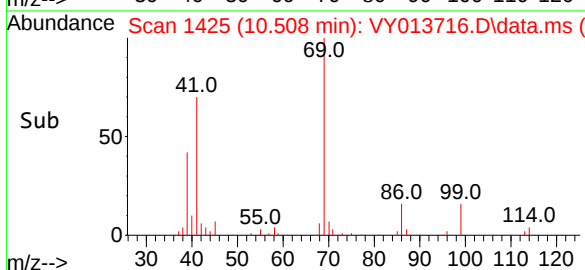
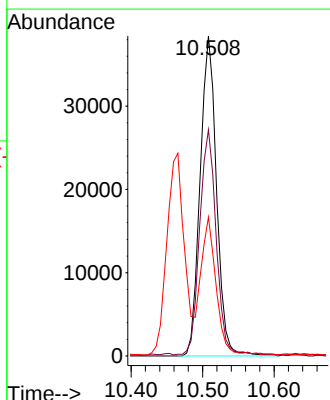
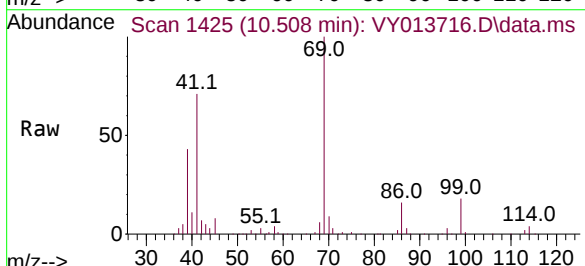
Tgt Ion: 69 Resp: 61294

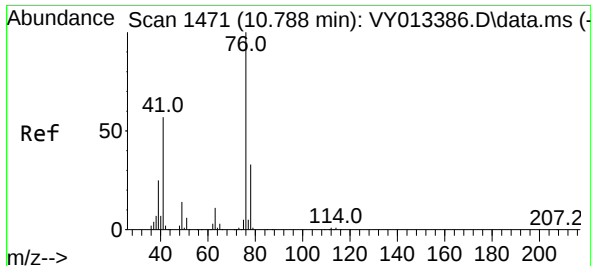
Ion Ratio Lower Upper

69 100

41 70.7 51.4 77.0

39 39.2 29.0 43.6





#57

1,3-Dichloropropane

Concen: 24.174 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

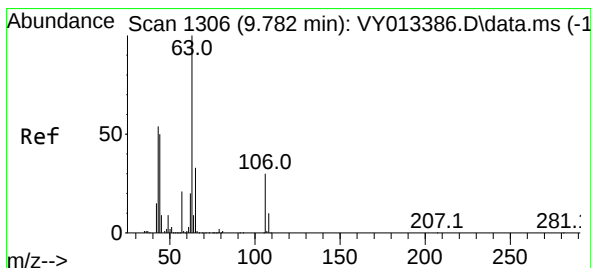
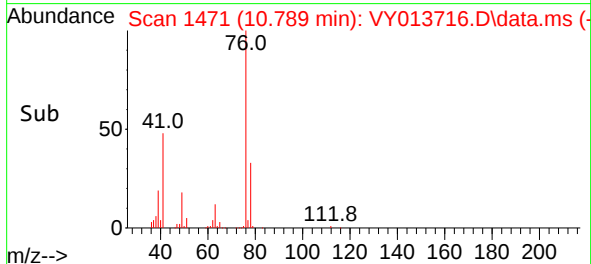
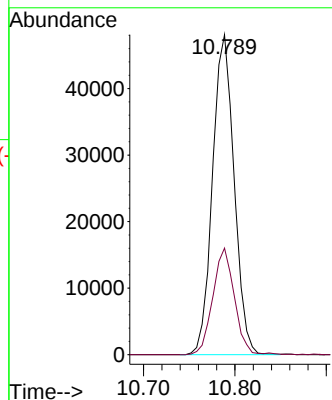
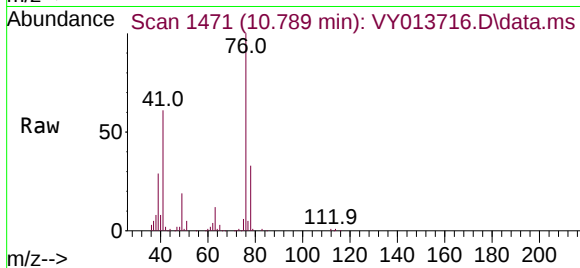
VY0511SBS02

Tgt Ion: 76 Resp: 78832

Ion Ratio Lower Upper

76 100

78 33.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 123.304 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013716.D

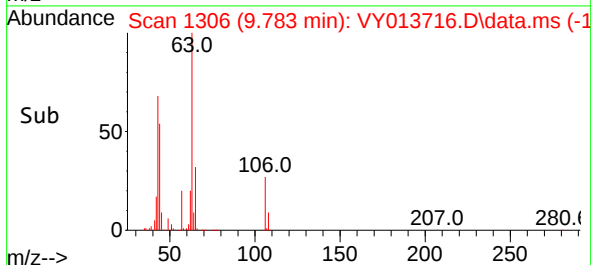
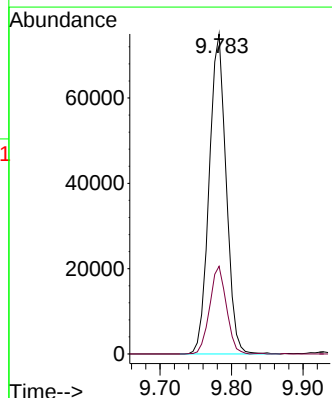
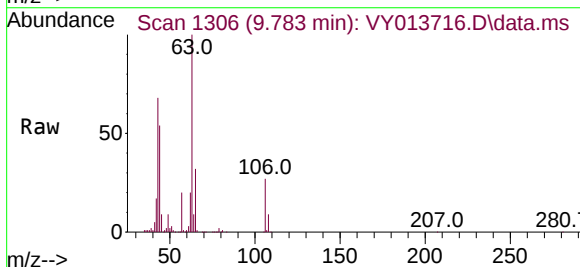
Acq: 11 May 2023 15:00

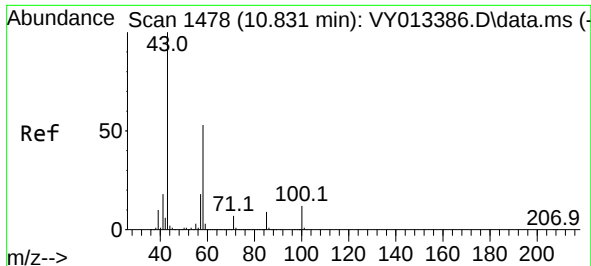
Tgt Ion: 63 Resp: 123514

Ion Ratio Lower Upper

63 100

106 27.0 23.5 35.3

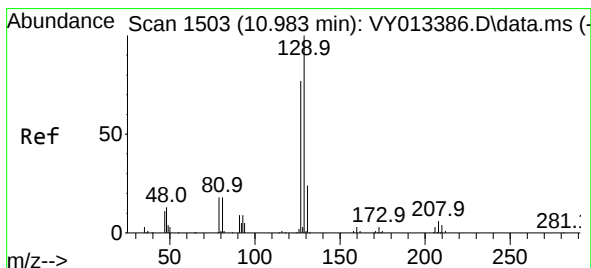
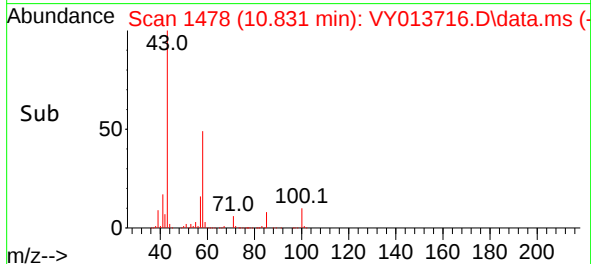
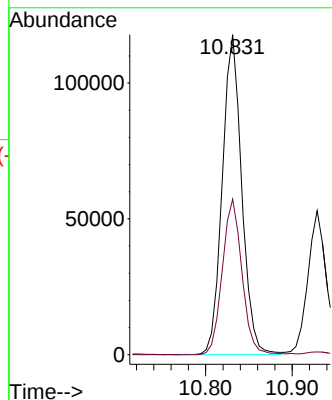
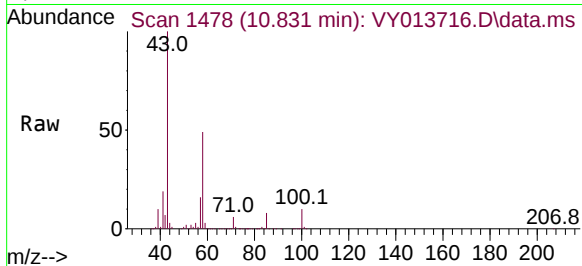




#59
2-Hexanone
Concen: 108.409 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

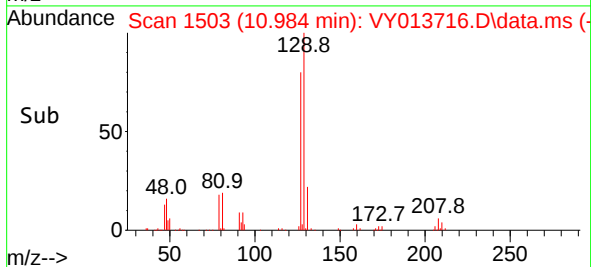
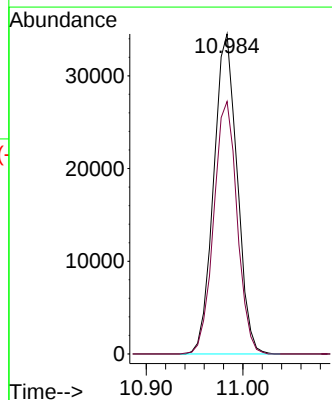
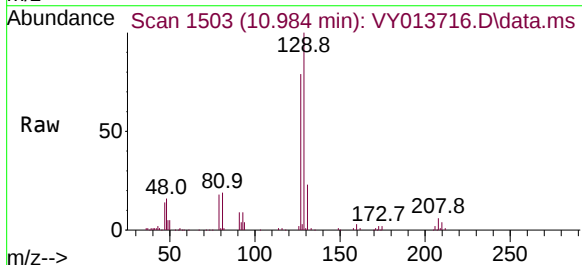
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

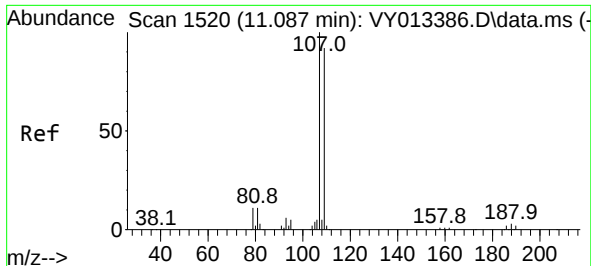
Tgt Ion: 43 Resp: 184035
Ion Ratio Lower Upper
43 100
58 48.9 26.3 78.8



#60
Dibromochloromethane
Concen: 24.862 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 129 Resp: 58126
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

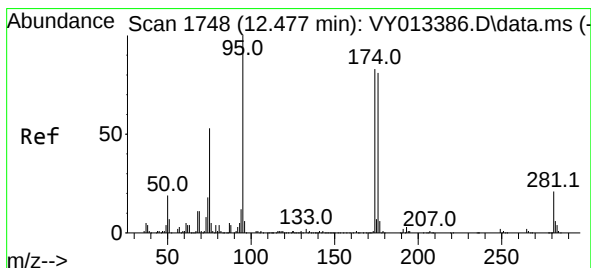
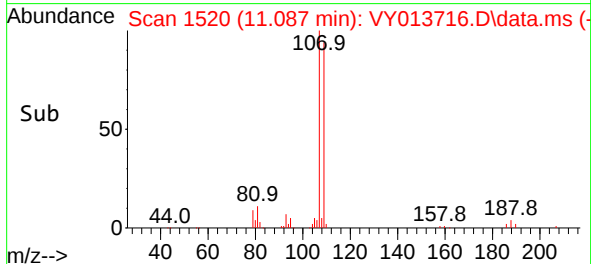
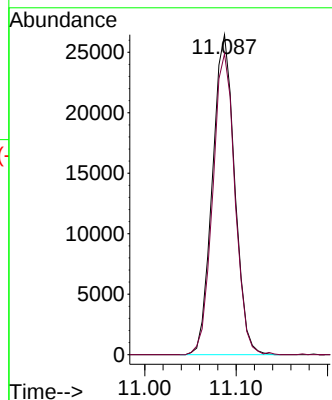
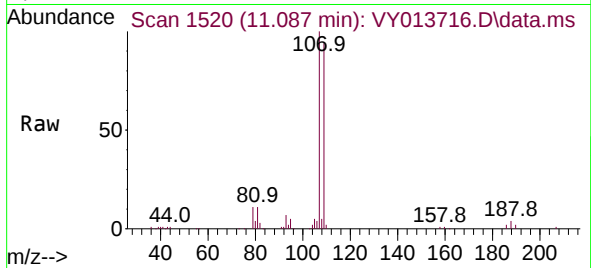




#61
1,2-Dibromoethane
Concen: 23.590 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

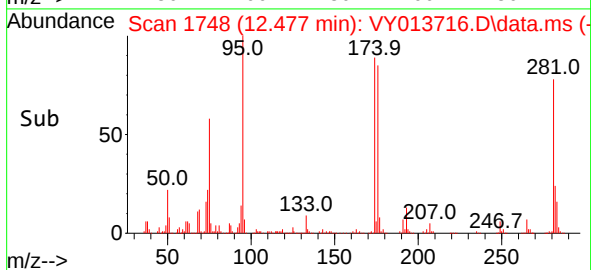
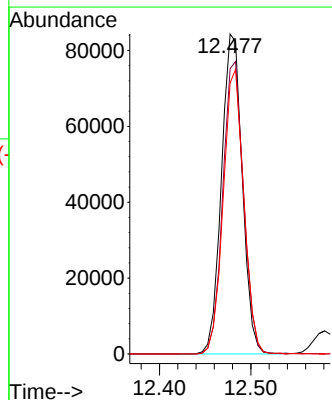
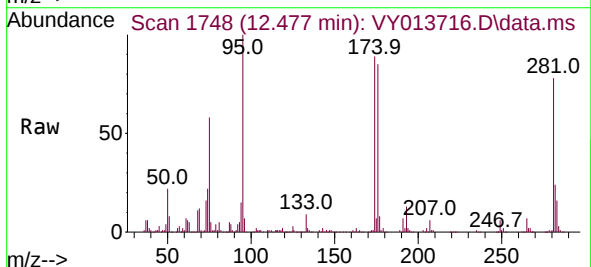
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

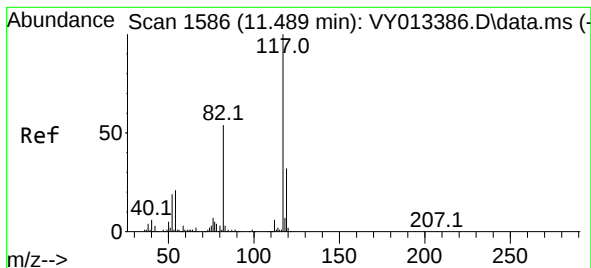
Tgt Ion:107 Resp: 44658
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.950 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 95 Resp: 133395
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.0
176 87.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

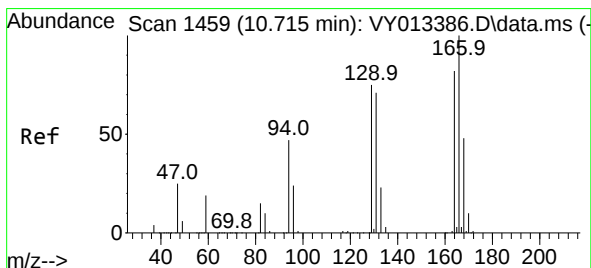
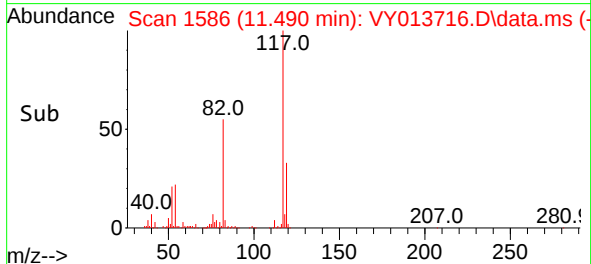
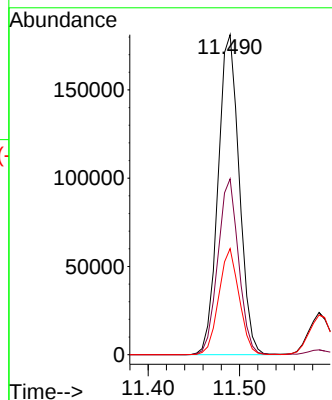
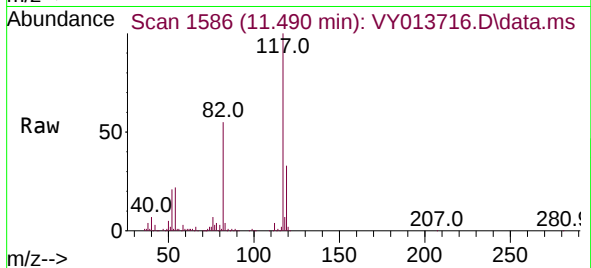
Tgt Ion:117 Resp: 291747

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.6

119 33.1 25.5 38.3



#64

Tetrachloroethene

Concen: 23.978 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Tgt Ion:164 Resp: 53195

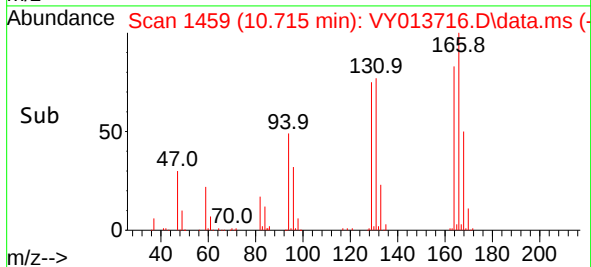
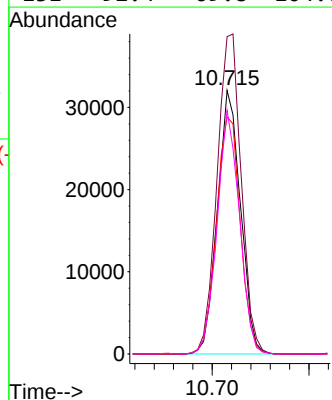
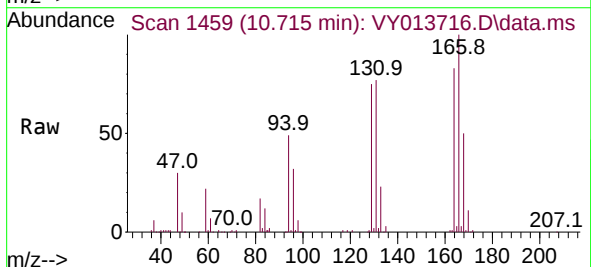
Ion Ratio Lower Upper

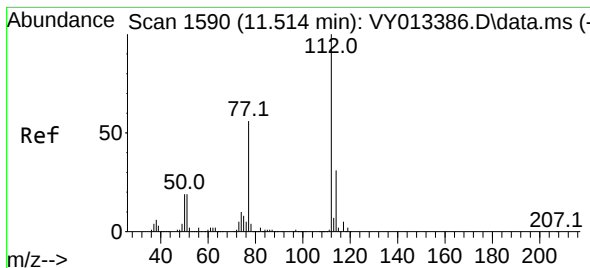
164 100

166 120.4 97.5 146.3

129 89.9 72.6 109.0

131 92.4 69.8 104.6

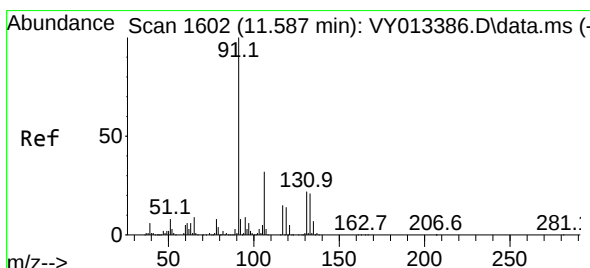
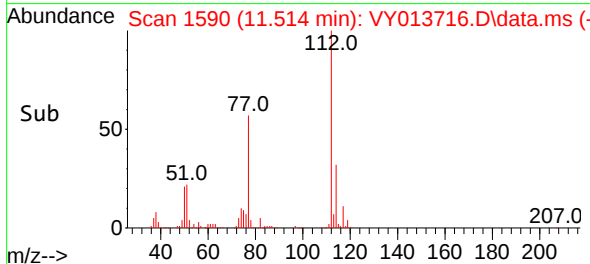
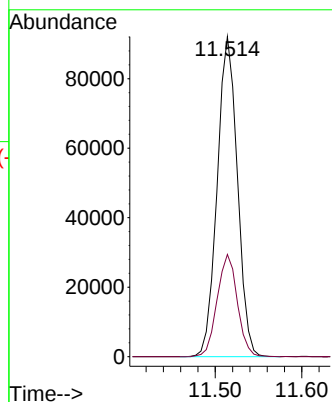
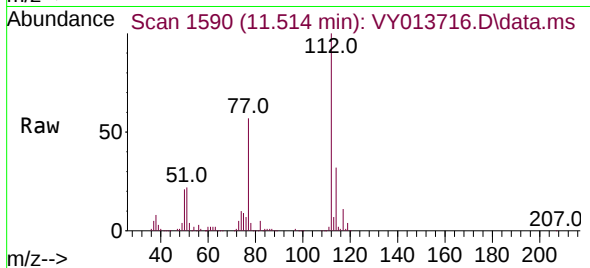




#65
Chlorobenzene
Concen: 23.470 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

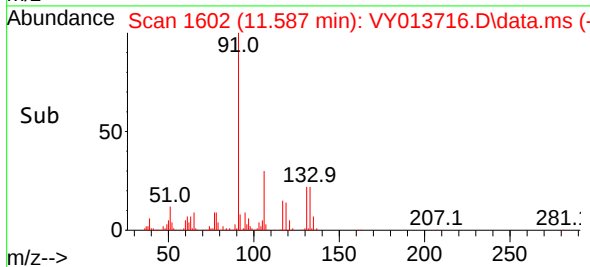
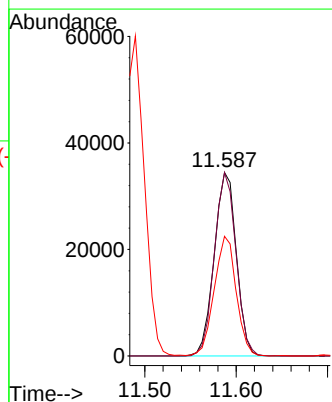
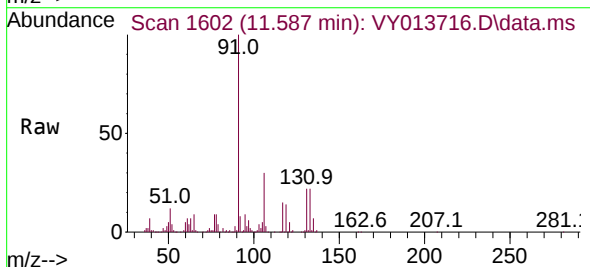
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

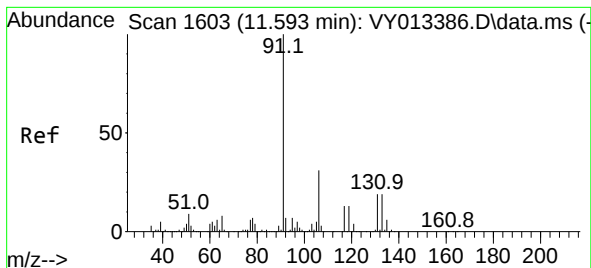
Tgt Ion:112 Resp: 149158
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.397 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:131 Resp: 57988
Ion Ratio Lower Upper
131 100
133 97.7 47.7 143.1
119 64.9 32.6 98.0





#67

Ethyl Benzene

Concen: 23.377 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

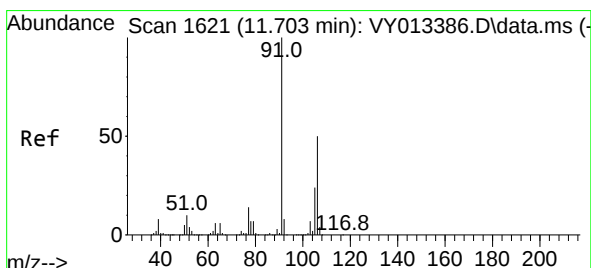
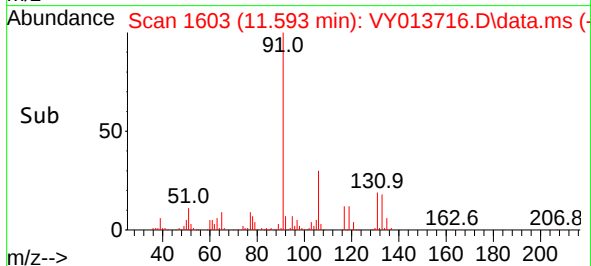
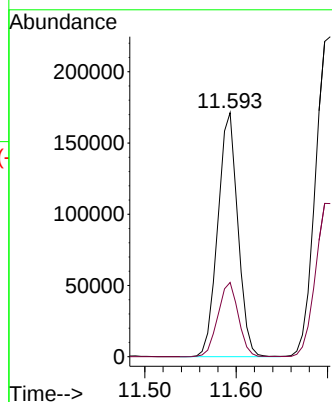
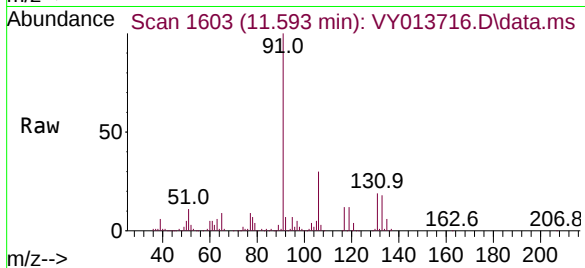
VY0511SBS02

Tgt Ion: 91 Resp: 260884

Ion Ratio Lower Upper

91 100

106 30.4 25.1 37.7



#68

m/p-Xylenes

Concen: 47.725 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013716.D

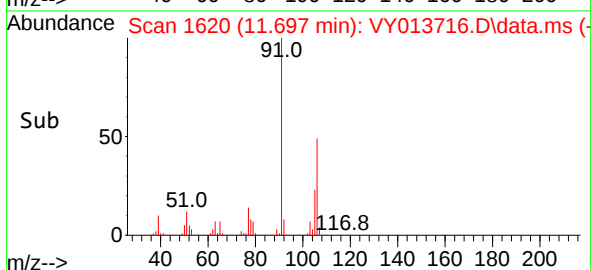
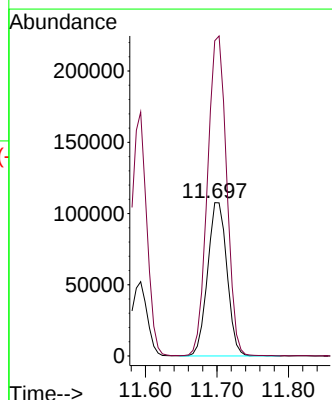
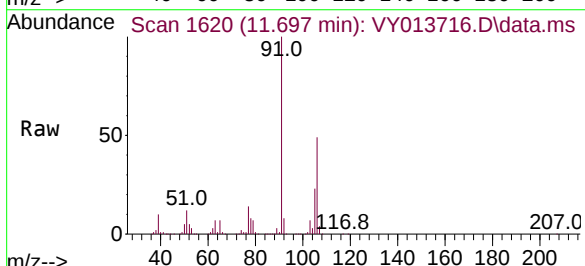
Acq: 11 May 2023 15:00

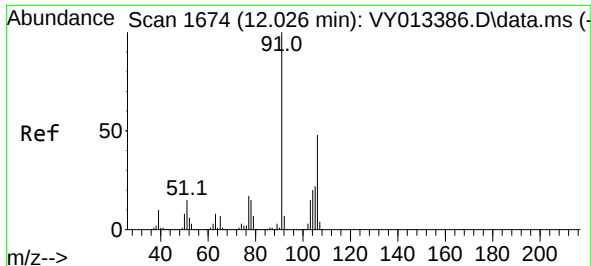
Tgt Ion:106 Resp: 202475

Ion Ratio Lower Upper

106 100

91 206.4 160.9 241.3

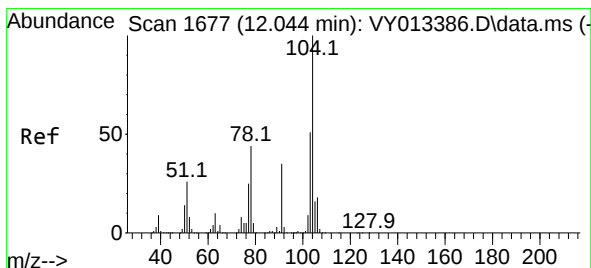
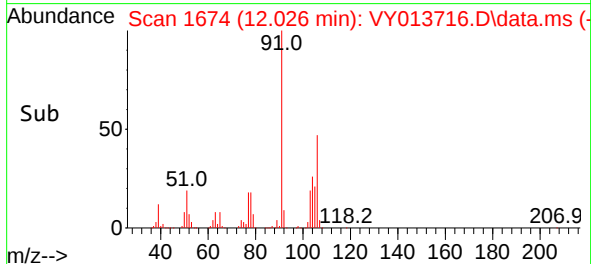
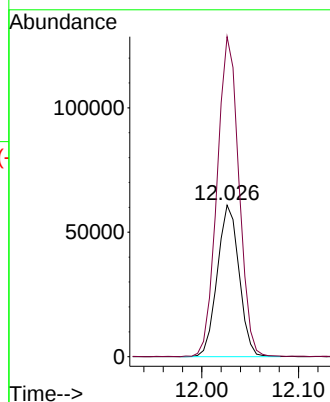
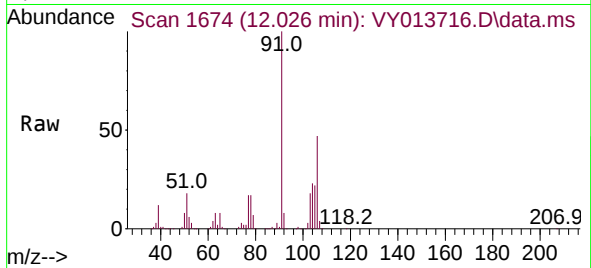




#69
o-Xylene
Concen: 23.701 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

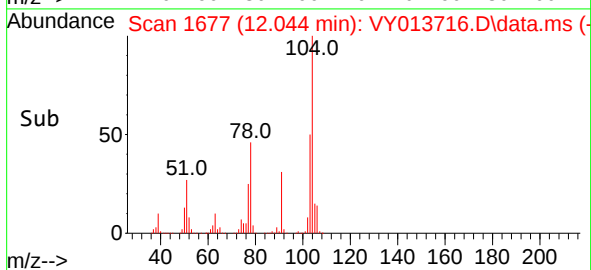
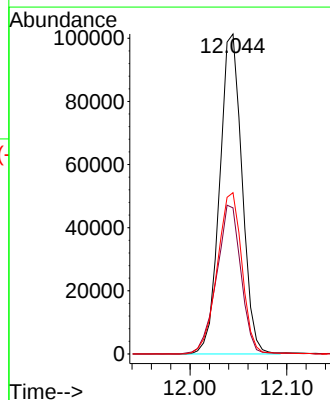
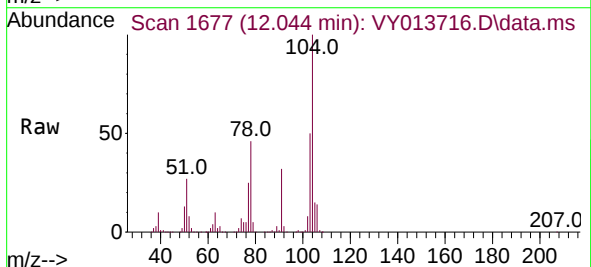
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

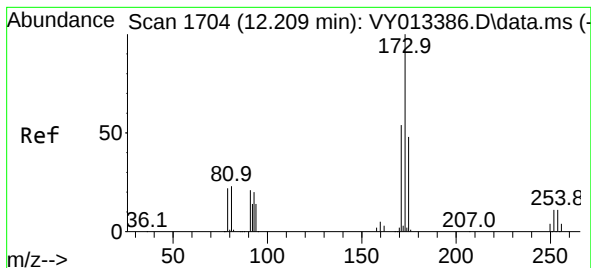
Tgt Ion:106 Resp: 95096
Ion Ratio Lower Upper
106 100
91 212.6 105.5 316.4



#70
Styrene
Concen: 24.205 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:104 Resp: 162383
Ion Ratio Lower Upper
104 100
78 51.0 40.3 60.5
103 56.0 45.0 67.4





#71

Bromoform

Concen: 23.835 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

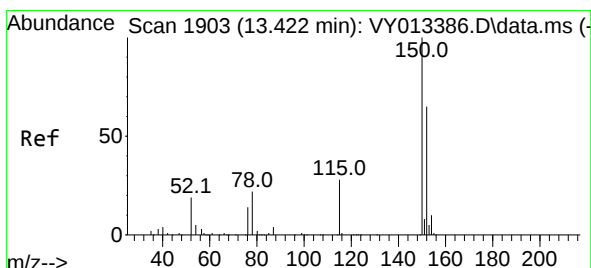
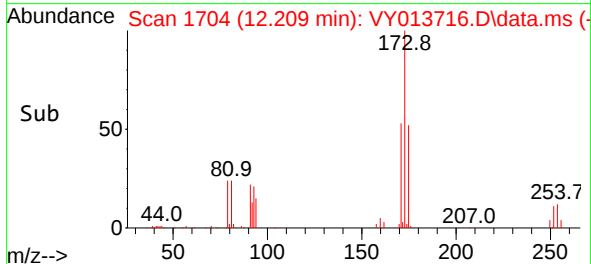
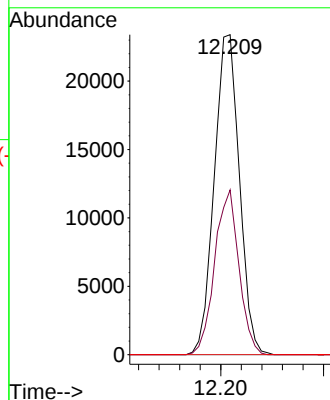
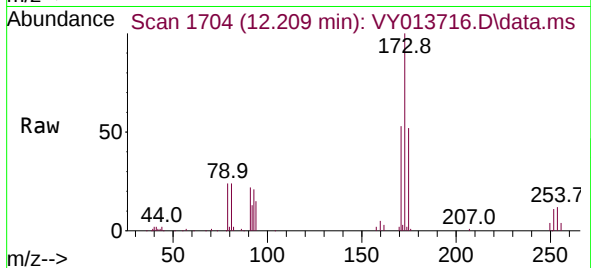
Tgt Ion:173 Resp: 39682

Ion Ratio Lower Upper

173 100

175 49.5 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

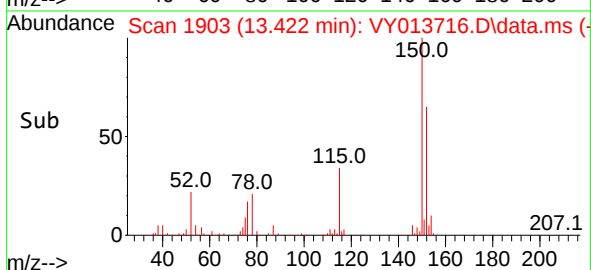
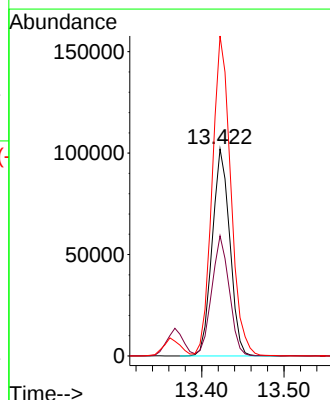
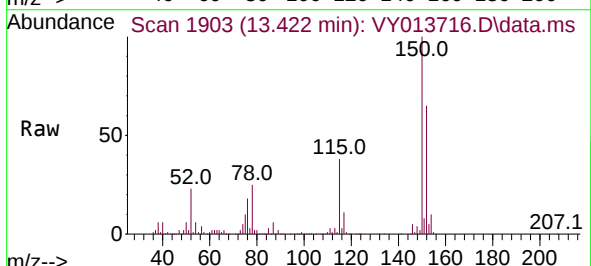
Tgt Ion:152 Resp: 151461

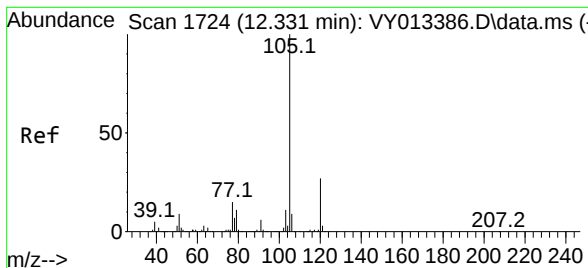
Ion Ratio Lower Upper

152 100

115 57.8 28.1 84.2

150 164.0 0.0 352.0





#73

Isopropylbenzene

Concen: 22.089 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

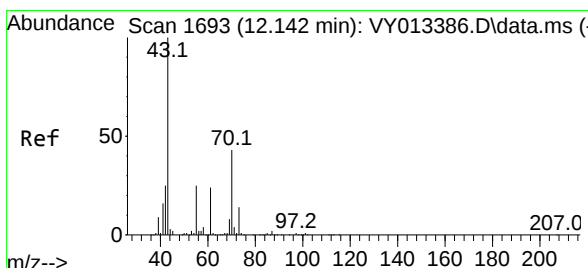
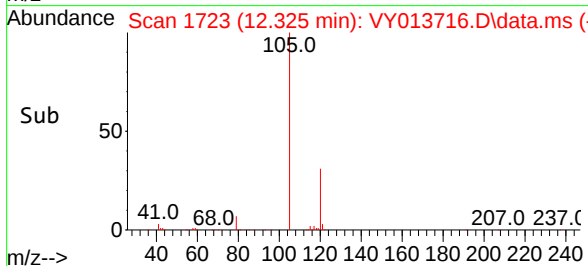
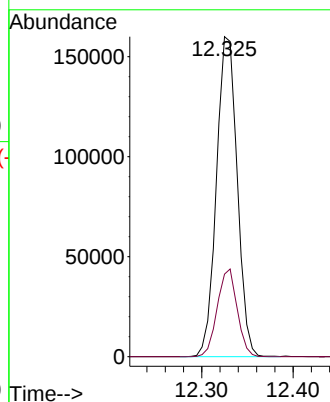
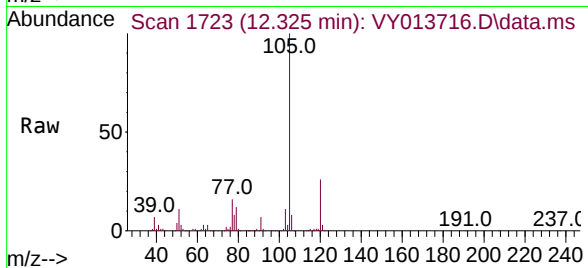
VY0511SBS02

Tgt Ion:105 Resp: 253053

Ion Ratio Lower Upper

105 100

120 26.2 13.7 41.0



#74

N-ethyl acetate

Concen: 19.578 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Tgt Ion: 43 Resp: 79815

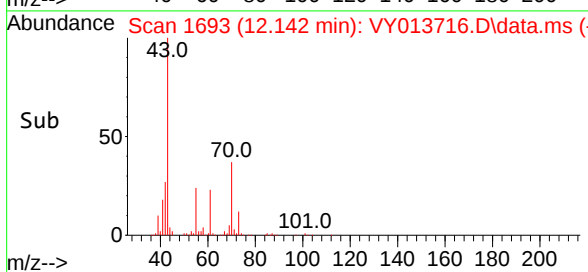
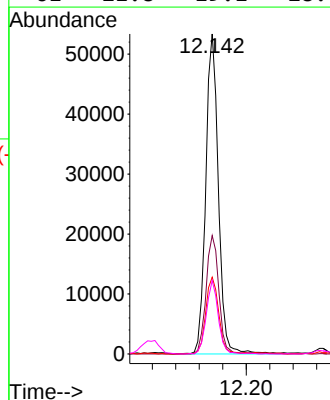
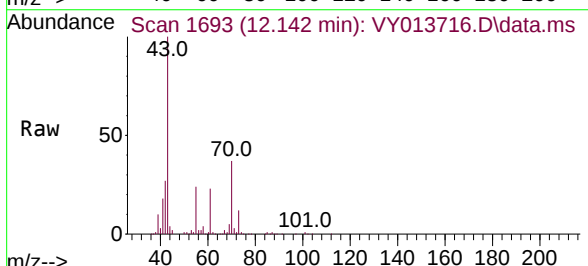
Ion Ratio Lower Upper

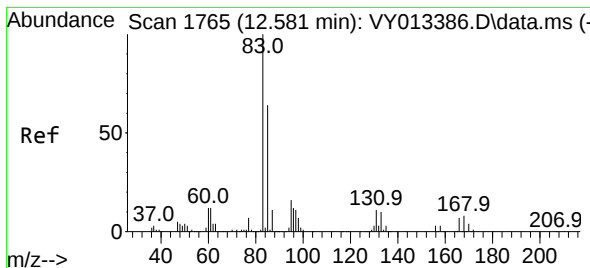
43 100

70 37.2 33.0 49.4

55 24.8 19.8 29.6

61 21.8 19.1 28.7

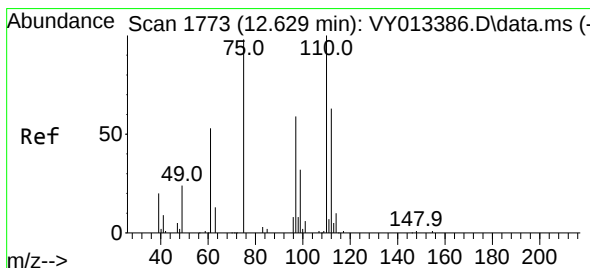
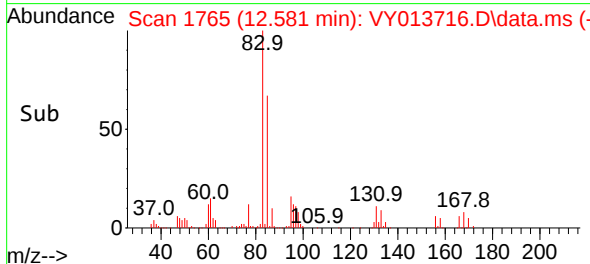
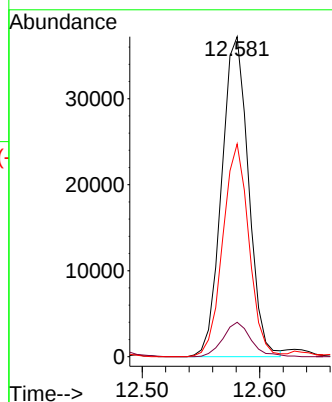
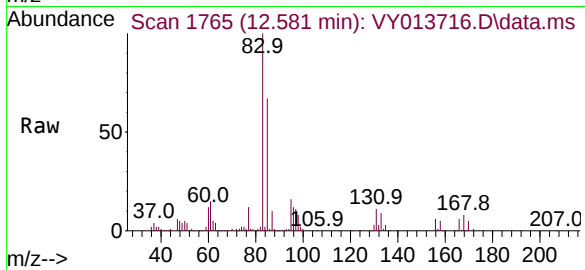




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.106 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

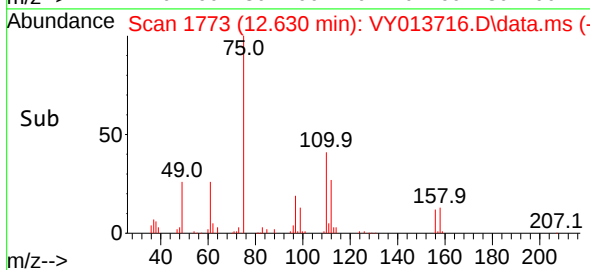
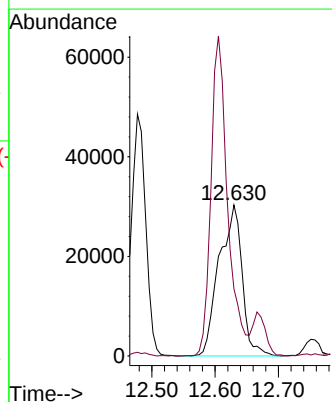
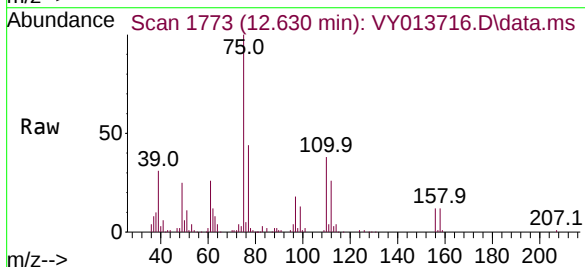
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS02

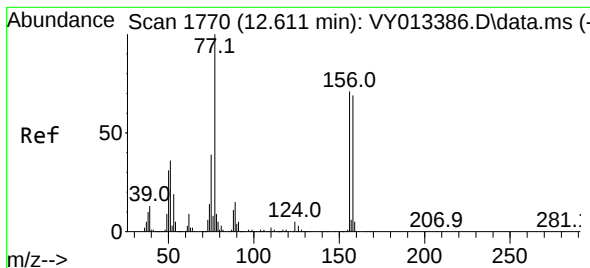
Tgt Ion: 83 Resp: 59100
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.7 17.0
 85 64.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 37.669 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013716.D
 Acq: 11 May 2023 15:00

Tgt Ion: 75 Resp: 76944
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.198 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

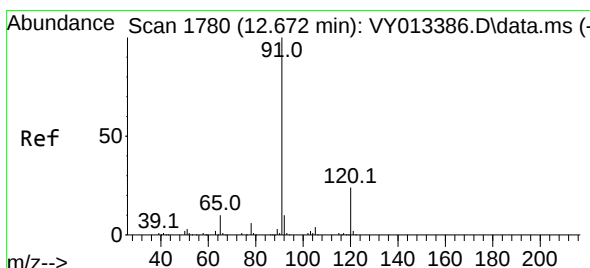
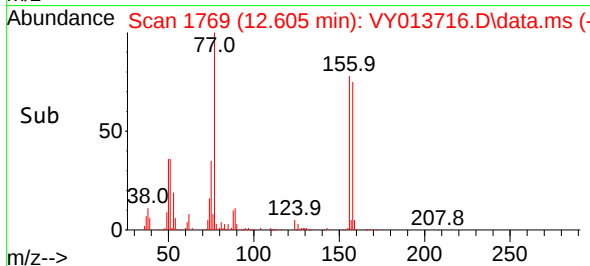
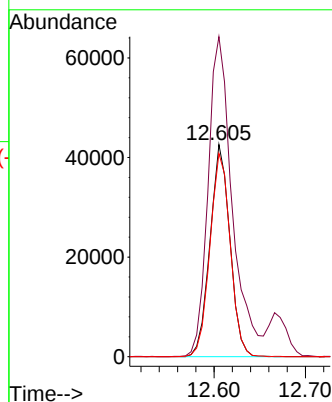
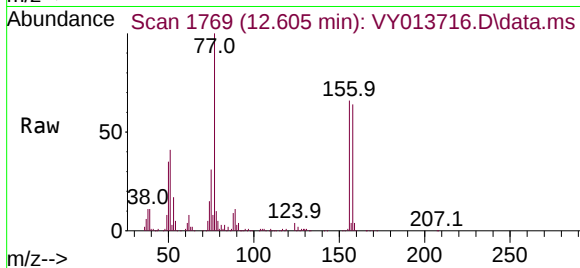
Tgt Ion:156 Resp: 64393

Ion Ratio Lower Upper

156 100

77 183.9 87.6 262.9

158 97.7 48.5 145.5



#78

n-propylbenzene

Concen: 21.920 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013716.D

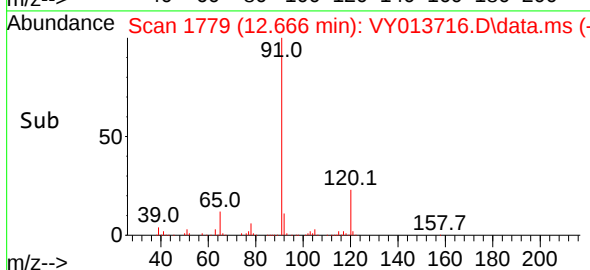
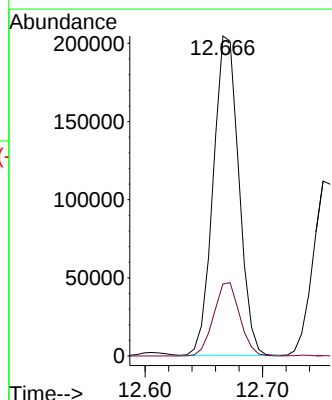
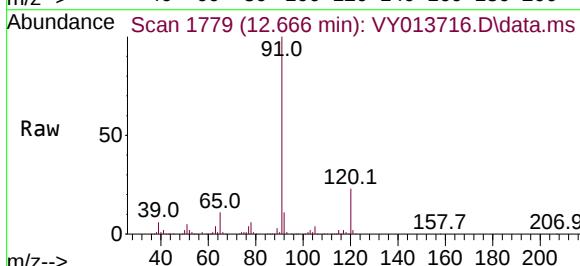
Acq: 11 May 2023 15:00

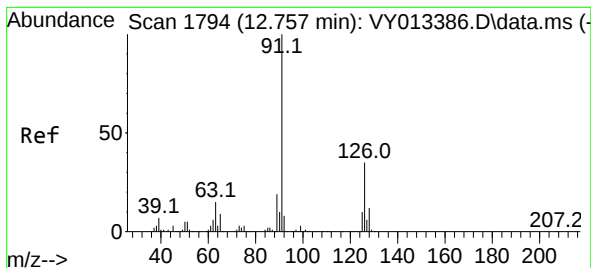
Tgt Ion: 91 Resp: 309301

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9





#79

2-Chlorotoluene

Concen: 22.570 ug/l

RT: 12.752 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

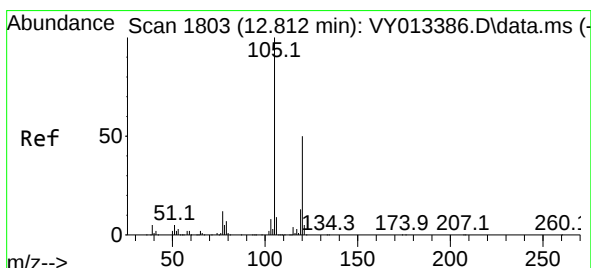
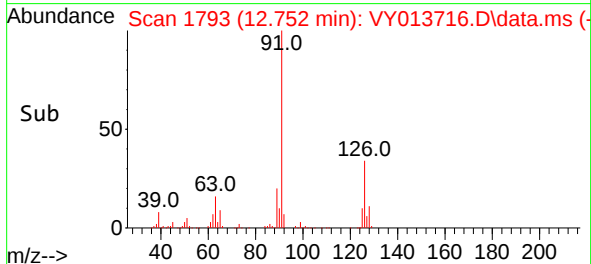
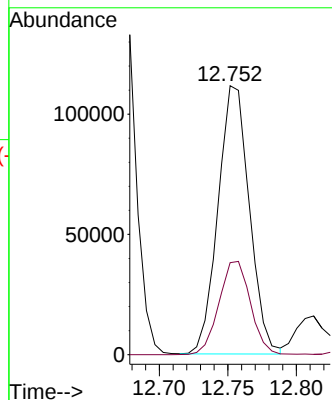
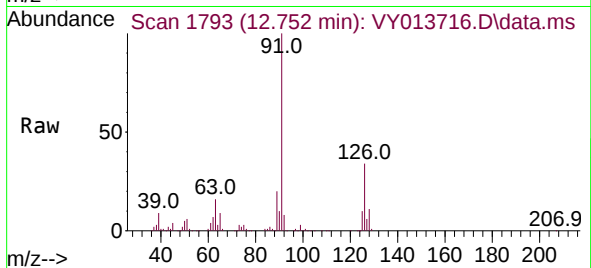
VY0511SBS02

Tgt Ion: 91 Resp: 177847

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 23.035 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013716.D

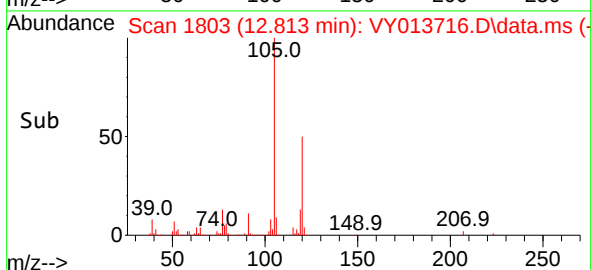
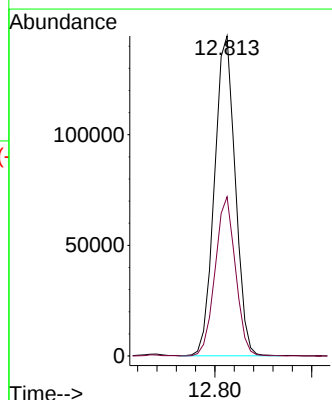
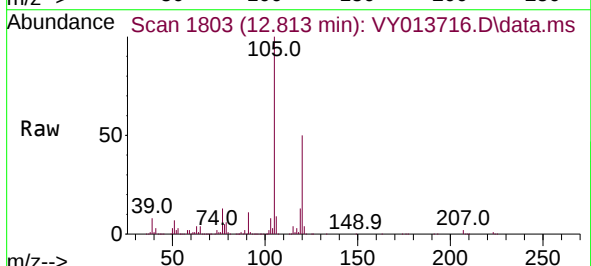
Acq: 11 May 2023 15:00

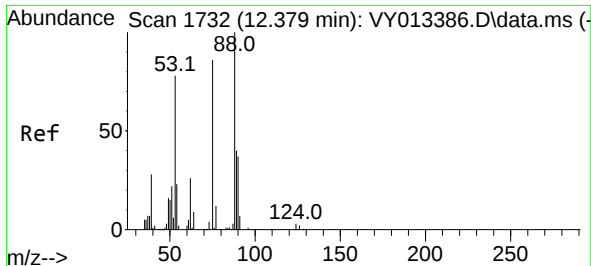
Tgt Ion:105 Resp: 215387

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1

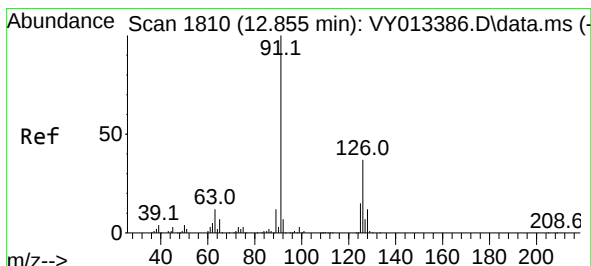
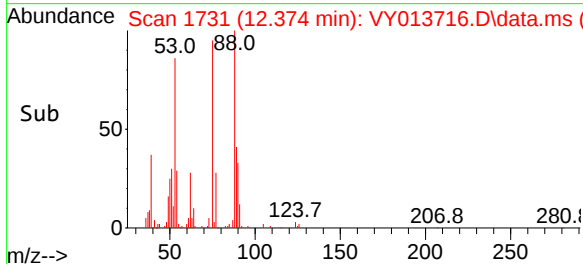
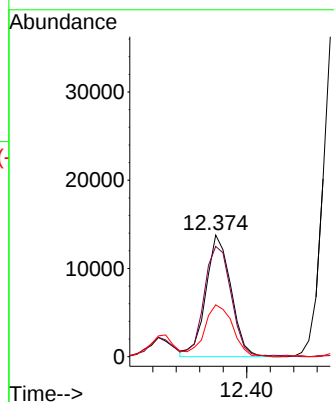
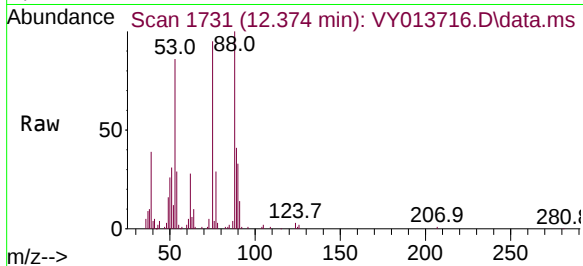




#81
trans-1,4-Dichloro-2-butene
Concen: 20.536 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.005 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

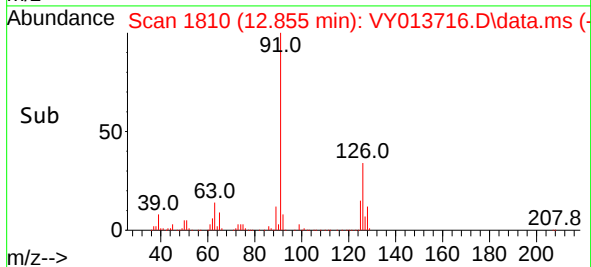
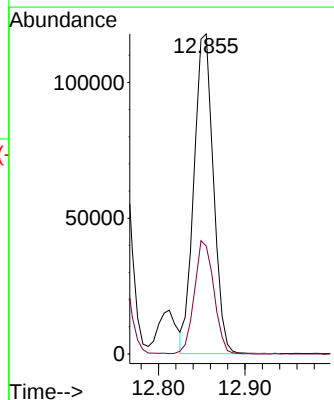
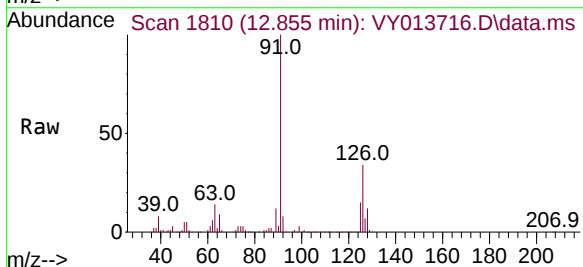
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

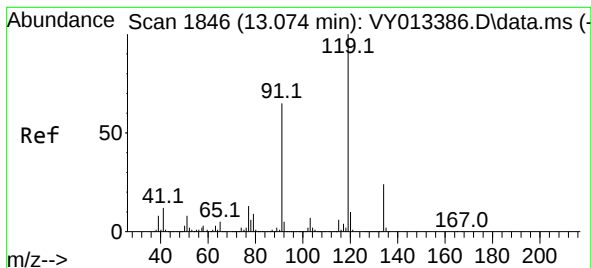
Tgt Ion: 75 Resp: 20507
Ion Ratio Lower Upper
75 100
53 96.2 73.2 109.8
89 47.2 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.331 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 91 Resp: 183402
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.308 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

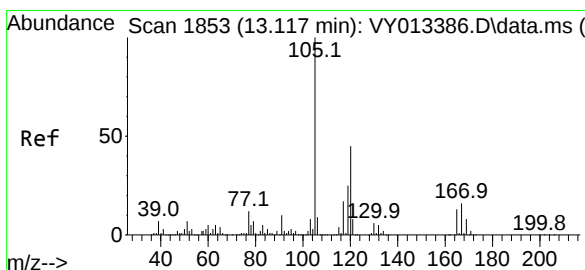
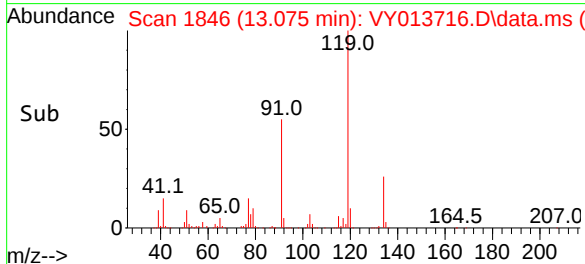
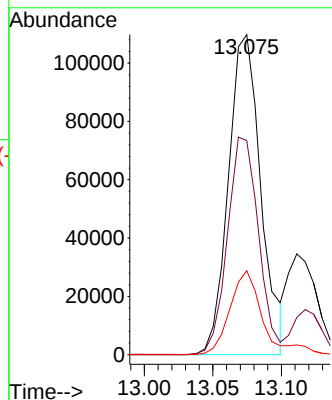
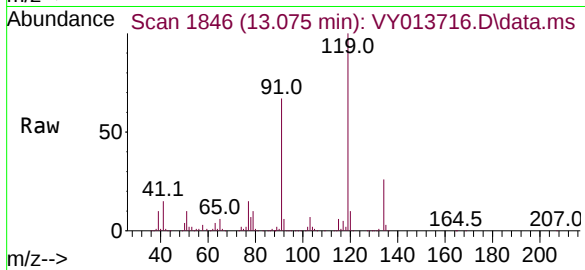
Tgt Ion:119 Resp: 180714

Ion Ratio Lower Upper

119 100

91 65.2 32.2 96.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.855 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013716.D

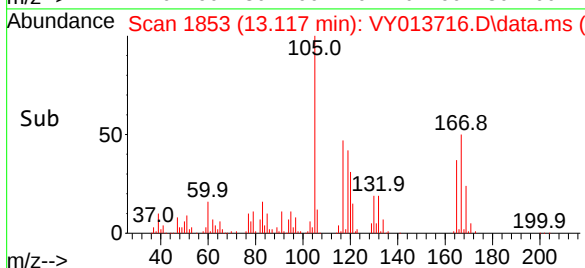
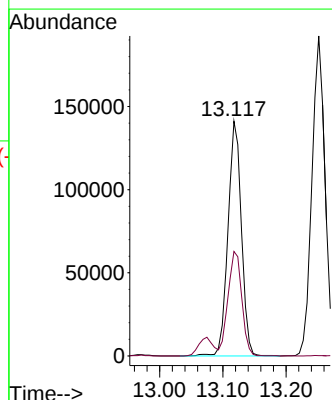
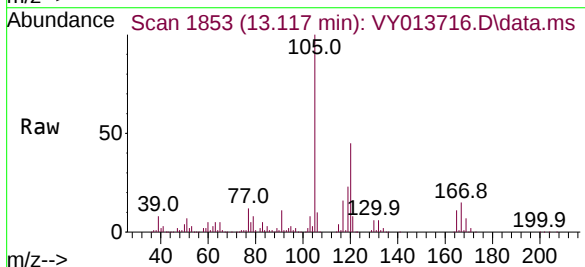
Acq: 11 May 2023 15:00

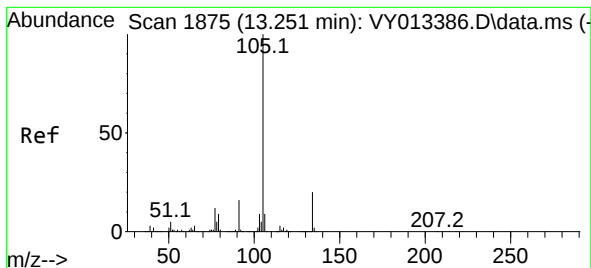
Tgt Ion:105 Resp: 207771

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.646 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

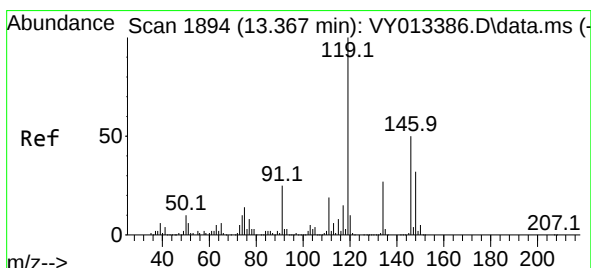
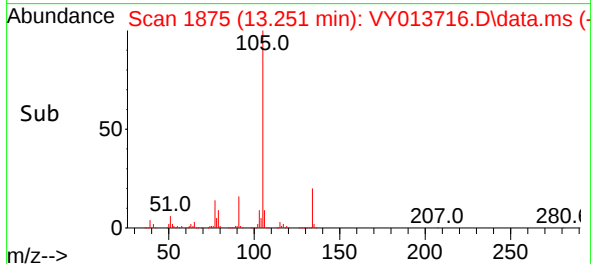
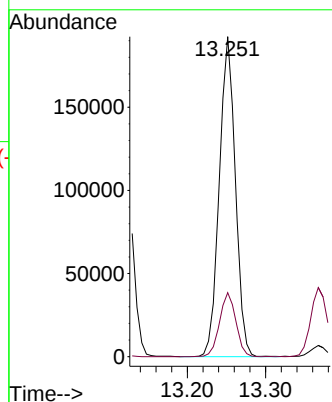
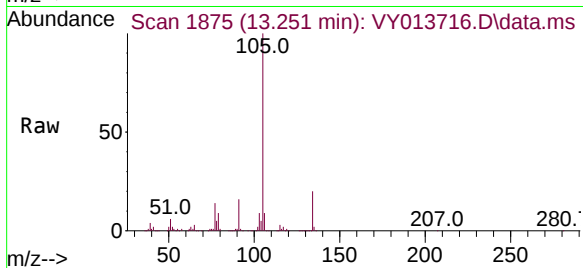
VY0511SBS02

Tgt Ion:105 Resp: 275324

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 22.721 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

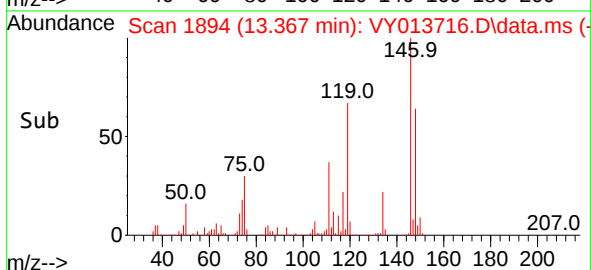
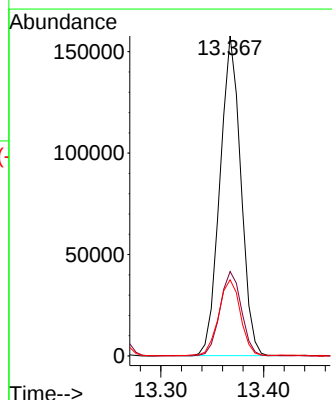
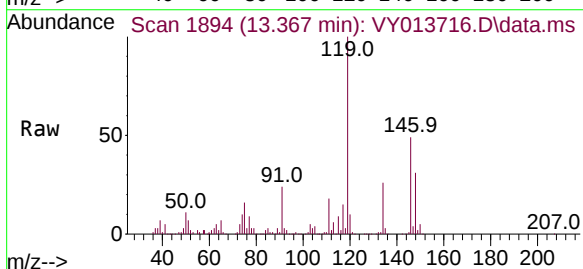
Tgt Ion:119 Resp: 222146

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 25.0 12.1 36.3

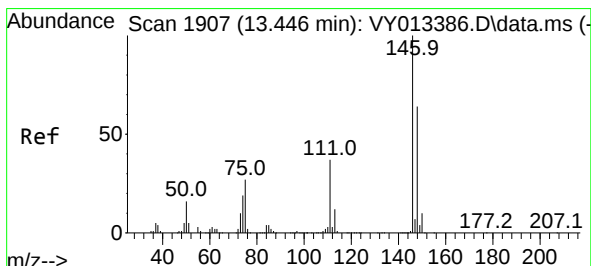
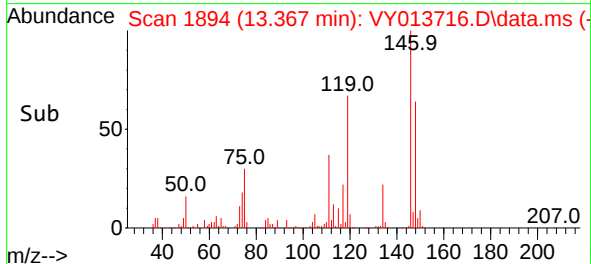
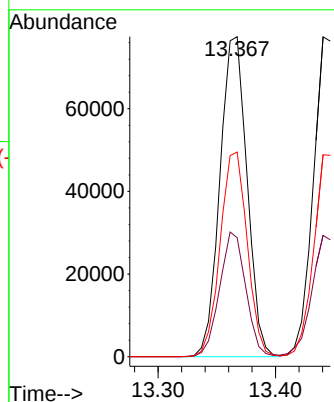
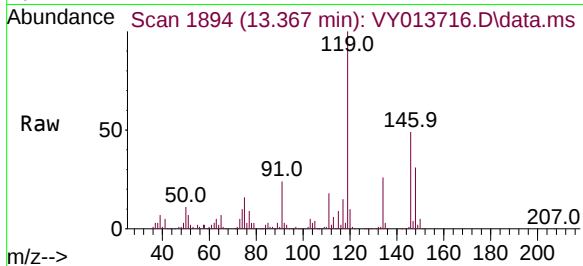




#87
1,3-Dichlorobenzene
Concen: 23.481 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

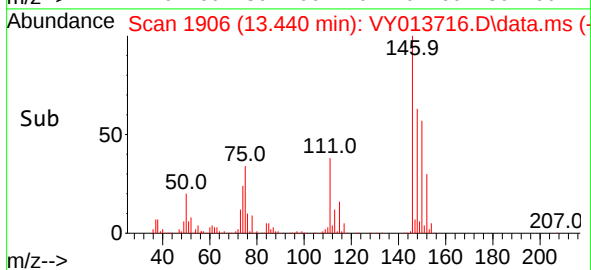
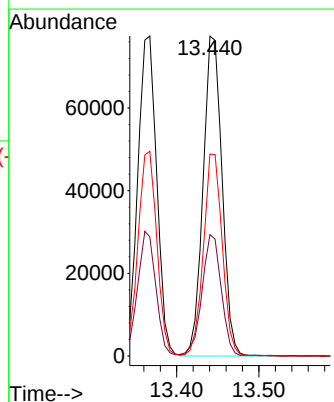
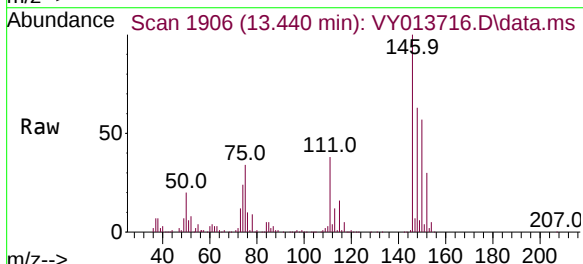
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

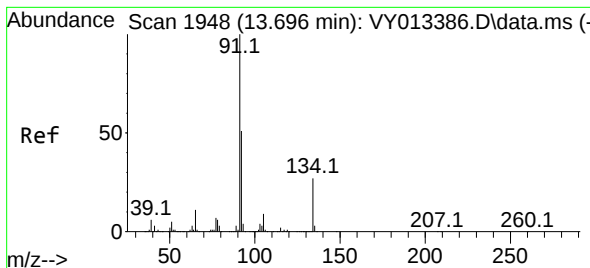
Tgt Ion:146 Resp: 124175
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 23.220 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion:146 Resp: 124042
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 22.057 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

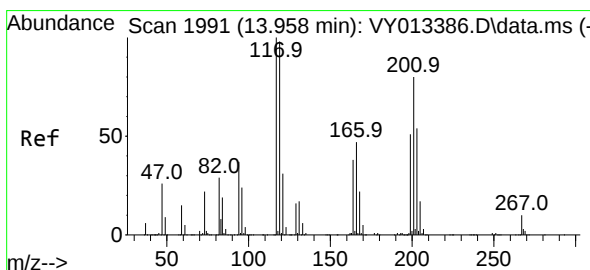
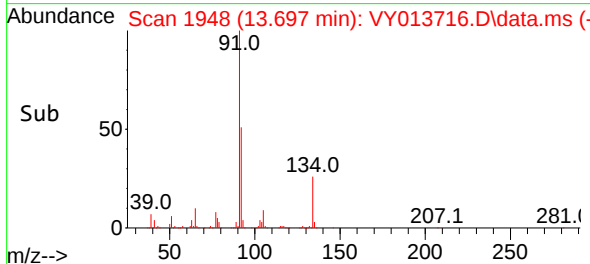
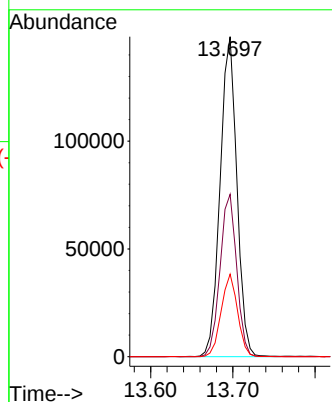
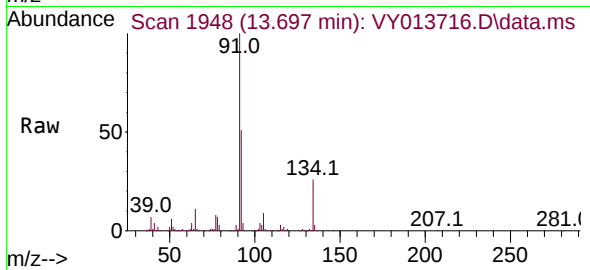
Tgt Ion: 91 Resp: 210483

Ion Ratio Lower Upper

91 100

92 50.3 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 22.671 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013716.D

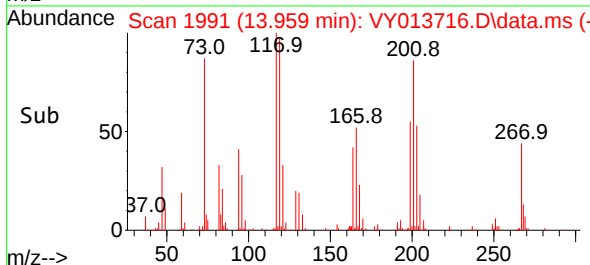
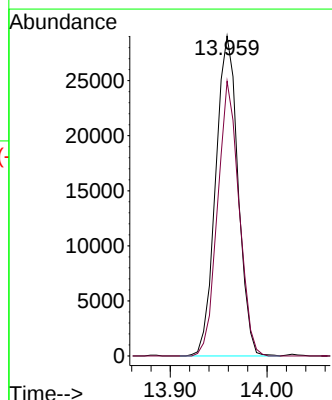
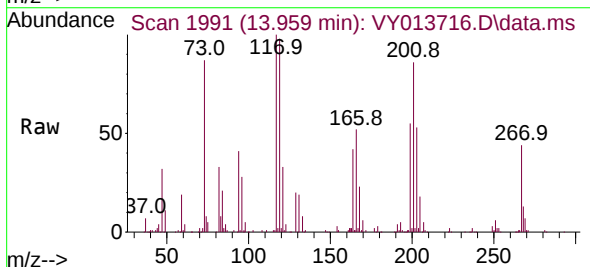
Acq: 11 May 2023 15:00

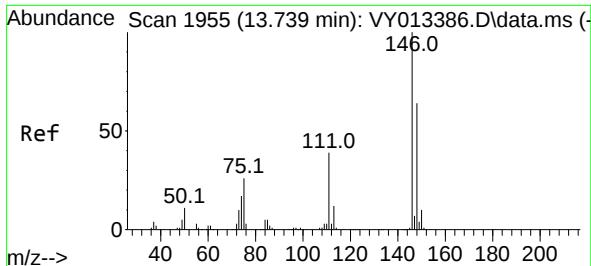
Tgt Ion: 117 Resp: 46650

Ion Ratio Lower Upper

117 100

201 82.1 41.6 124.8

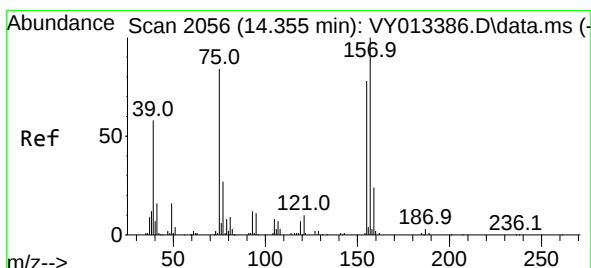
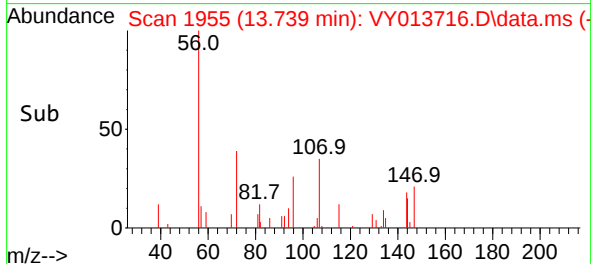
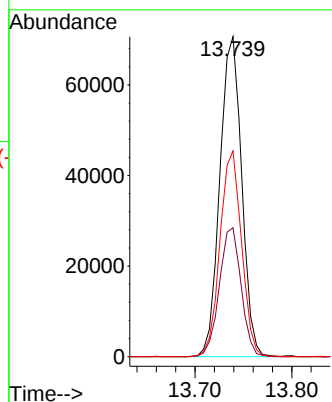
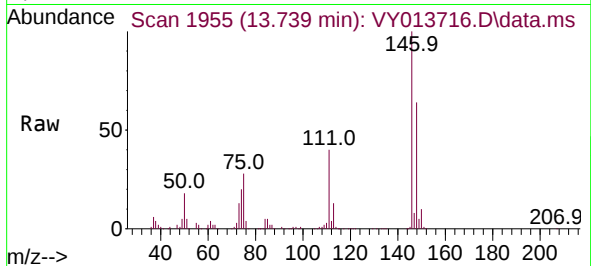




#91
1,2-Dichlorobenzene
Concen: 23.150 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

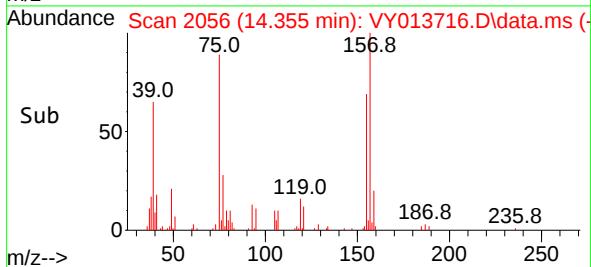
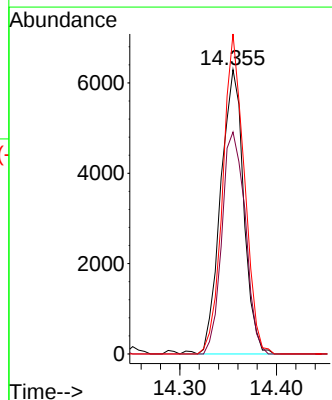
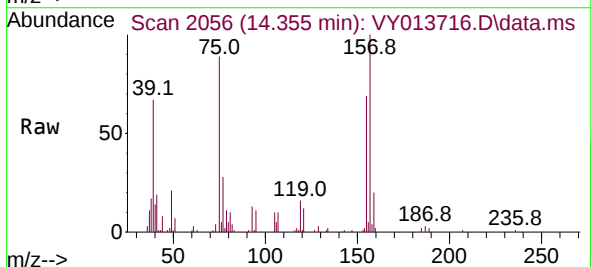
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS02

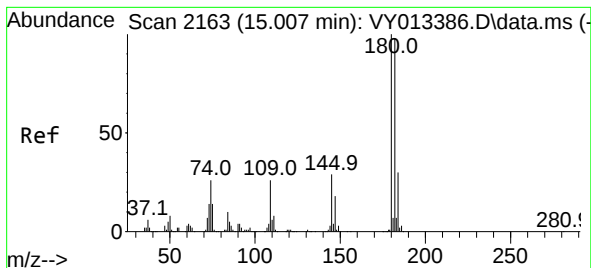
Tgt Ion:146 Resp: 110556
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.022 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013716.D
Acq: 11 May 2023 15:00

Tgt Ion: 75 Resp: 10396
Ion Ratio Lower Upper
75 100
155 78.9 44.6 134.0
157 105.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.782 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

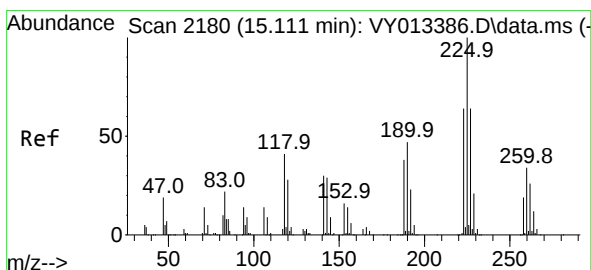
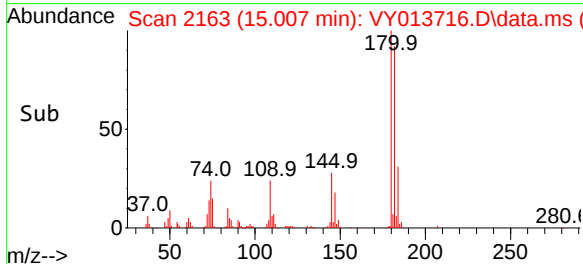
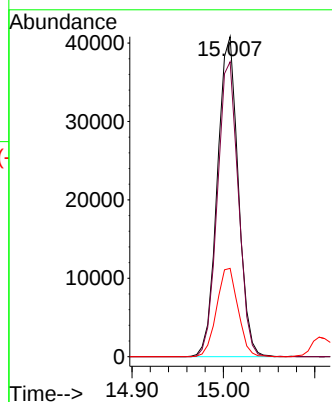
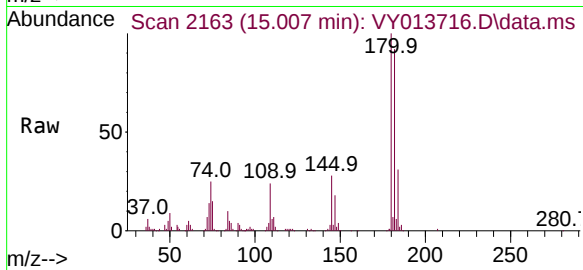
Tgt Ion:180 Resp: 64866

Ion Ratio Lower Upper

180 100

182 92.1 48.5 145.5

145 28.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 24.883 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

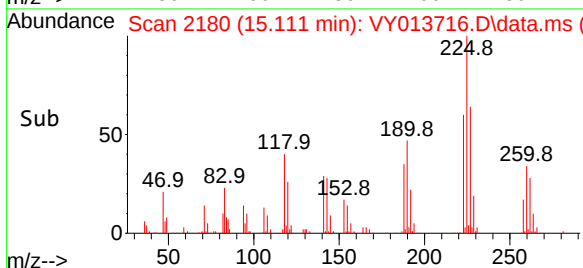
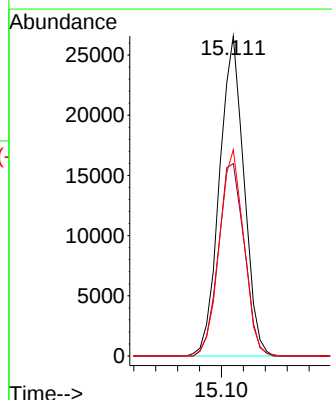
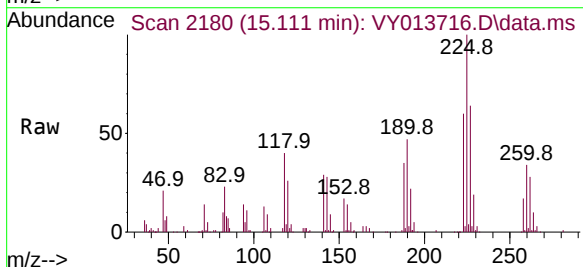
Tgt Ion:225 Resp: 41233

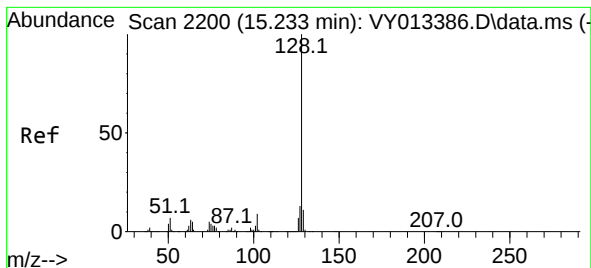
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 64.2 32.0 96.0





#95

Naphthalene

Concen: 20.283 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS02

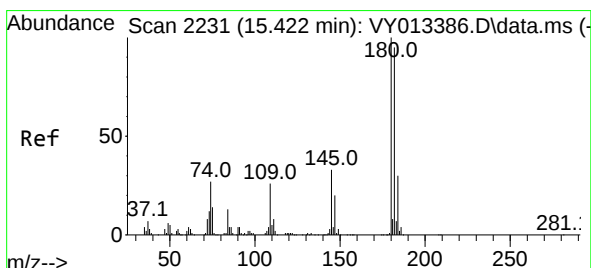
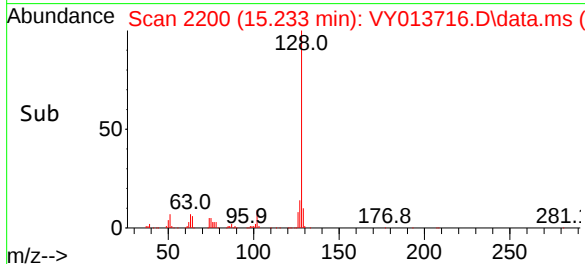
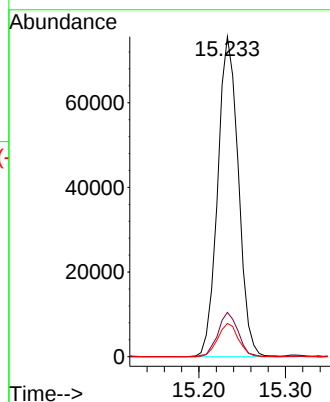
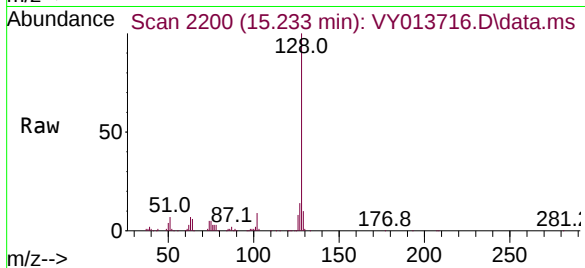
Tgt Ion:128 Resp: 125302

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.967 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013716.D

Acq: 11 May 2023 15:00

Tgt Ion:180 Resp: 58284

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 30.8 15.9 47.7

