

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009193.D
 Acq On : 16 Jun 2022 11:12
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 16 15:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96797	52.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.716	113	95667	52.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.179	98	365862	53.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.477	95	133664	54.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.280%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	29085	21.657	ug/l 94
3) Chloromethane	2.107	50	35717	21.466	ug/l 98
4) Vinyl Chloride	2.247	62	39299	22.501	ug/l 97
5) Bromomethane	2.637	94	26588	21.669	ug/l 97
6) Chloroethane	2.784	64	23717	21.701	ug/l 97
7) Trichlorofluoromethane	3.119	101	67939	24.352	ug/l 97
8) Diethyl Ether	3.521	74	21707	20.506	ug/l 90
9) 1,1,2-Trichlorotrifluo...	3.893	101	36707	21.398	ug/l 96
10) Methyl Iodide	4.082	142	39842	18.182	ug/l 90
11) Tert butyl alcohol	4.930	59	48967	166.540	ug/l # 77
12) 1,1-Dichloroethene	3.863	96	35684	21.137	ug/l 84
13) Acrolein	3.723	56	7498	133.133	ug/l 99
14) Allyl chloride	4.472	41	64537	21.184	ug/l 94
15) Acrylonitrile	5.155	53	59782	105.586	ug/l 99
16) Acetone	3.942	43	48757	104.441	ug/l 90
17) Carbon Disulfide	4.186	76	106545	21.800	ug/l 98
18) Methyl Acetate	4.466	43	30148	20.261	ug/l 93
19) Methyl tert-butyl Ether	5.216	73	104591	20.533	ug/l 99
20) Methylene Chloride	4.704	84	47841	21.104	ug/l 87
21) trans-1,2-Dichloroethene	5.210	96	42409	21.438	ug/l 95
22) Diisopropyl ether	6.112	45	141056	22.454	ug/l 95
23) Vinyl Acetate	6.051	43	437524	110.717	ug/l # 95
24) 1,1-Dichloroethane	6.015	63	75911	21.386	ug/l 97
25) 2-Butanone	6.984	43	80053	108.366	ug/l 91
26) 2,2-Dichloropropane	6.978	77	69413	22.070	ug/l 93
27) cis-1,2-Dichloroethene	6.984	96	49755	21.446	ug/l 91
28) Bromochloromethane	7.326	49	30353	19.950	ug/l 93
29) Tetrahydrofuran	7.344	42	53196	108.453	ug/l 92
30) Chloroform	7.502	83	77653	21.268	ug/l 99
31) Cyclohexane	7.777	56	73056	22.006	ug/l 92
32) 1,1,1-Trichloroethane	7.691	97	68240	21.256	ug/l 98
36) 1,1-Dichloropropene	7.911	75	60323	21.685	ug/l 97
37) Ethyl Acetate	7.069	43	35209	21.269	ug/l 97
38) Carbon Tetrachloride	7.899	117	60768	21.126	ug/l 99
39) Methylcyclohexane	9.179	83	75034	22.373	ug/l 93
40) Benzene	8.155	78	181518	22.345	ug/l 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	49051	52.977	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	51642	21.798	ug/l	94
43) Isopropyl Acetate	8.270	43	66243	21.635	ug/l	93
44) Trichloroethene	8.935	130	49777	21.437	ug/l	96
45) 1,2-Dichloropropane	9.215	63	44627	21.673	ug/l	97
46) Dibromomethane	9.301	93	25174	21.253	ug/l	97
47) Bromodichloromethane	9.496	83	59872	21.208	ug/l	98
48) Methyl methacrylate	9.289	41	28194	20.631	ug/l #	88
49) 1,4-Dioxane	9.295	88	6770	401.811	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	177686	110.325	ug/l	93
52) Toluene	10.240	92	116055	22.375	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	64414	21.752	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	72742	21.750	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	37101	22.134	ug/l	96
56) Ethyl methacrylate	10.508	69	50023	22.014	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	62873	21.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	105299	106.906	ug/l	97
59) 2-Hexanone	10.831	43	122462	110.837	ug/l	91
60) Dibromochloromethane	10.983	129	42706	20.810	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35421	21.682	ug/l	98
64) Tetrachloroethene	10.715	164	54087	21.756	ug/l	98
65) Chlorobenzene	11.514	112	124320	21.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44645	20.971	ug/l	97
67) Ethyl Benzene	11.593	91	218375	21.528	ug/l	99
68) m/p-Xylenes	11.697	106	173569	43.402	ug/l	92
69) o-Xylene	12.026	106	82982	21.900	ug/l	91
70) Styrene	12.044	104	136623	21.494	ug/l	96
71) Bromoform	12.209	173	29076	21.383	ug/l #	96
73) Isopropylbenzene	12.325	105	218117	22.384	ug/l	100
74) N-amyl acetate	12.142	43	57367	21.105	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	41037	21.278	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	56732	39.685	ug/l #	100
77) Bromobenzene	12.605	156	50972	21.291	ug/l	96
78) n-propylbenzene	12.672	91	260846	22.124	ug/l	96
79) 2-Chlorotoluene	12.757	91	147897	22.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	182362	22.391	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	15832	22.071	ug/l #	83
82) 4-Chlorotoluene	12.855	91	151767	21.896	ug/l	97
83) tert-Butylbenzene	13.074	119	156809	21.899	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	177027	22.145	ug/l	97
85) sec-Butylbenzene	13.251	105	236543	22.309	ug/l	100
86) p-Isopropyltoluene	13.367	119	194795	22.138	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	102696	22.241	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	100925	21.532	ug/l	99
89) n-Butylbenzene	13.696	91	183958	22.109	ug/l	99
90) Hexachloroethane	13.958	117	36634	22.080	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	92151	22.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6849	19.682	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	56447	21.502	ug/l	98
94) Hexachlorobutadiene	15.111	225	31133	21.577	ug/l	97
95) Naphthalene	15.239	128	115374	21.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50751	21.965	ug/l	98

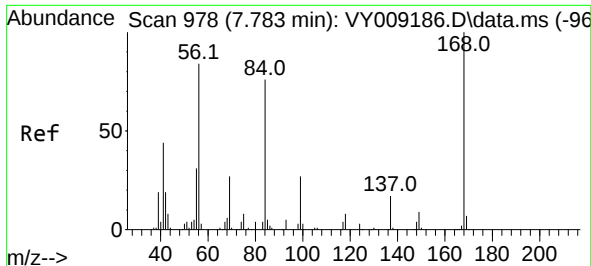
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
Data File : VY009193.D
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Response via : Initial Calibration

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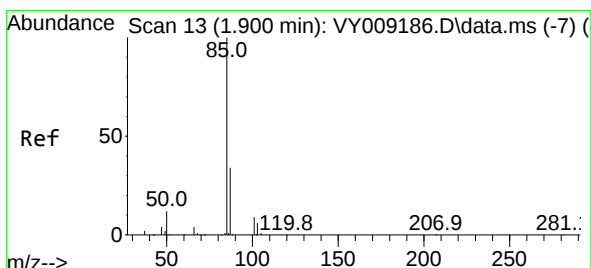
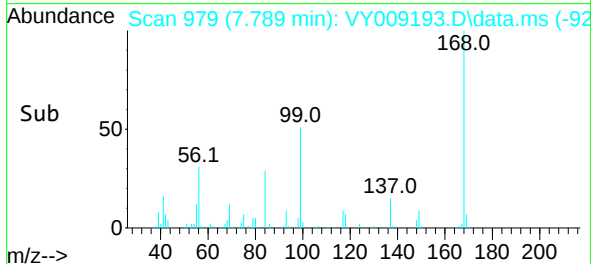
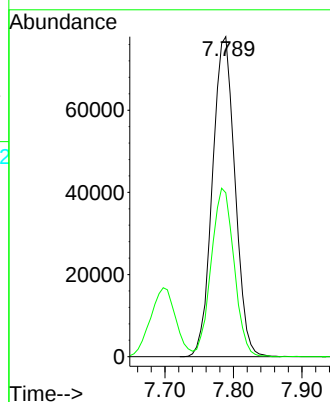
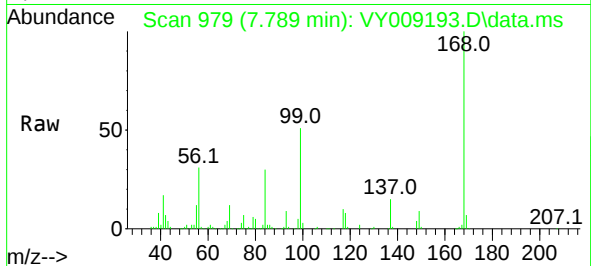
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

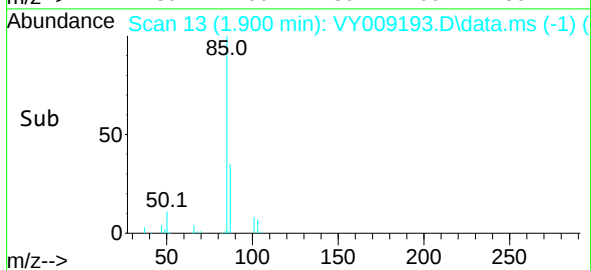
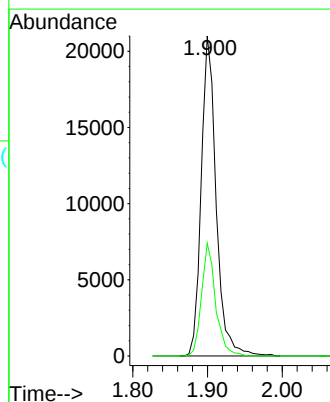
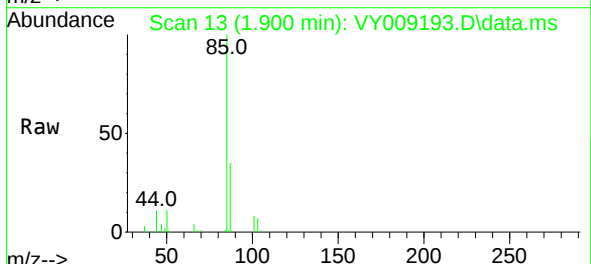
Instrument :
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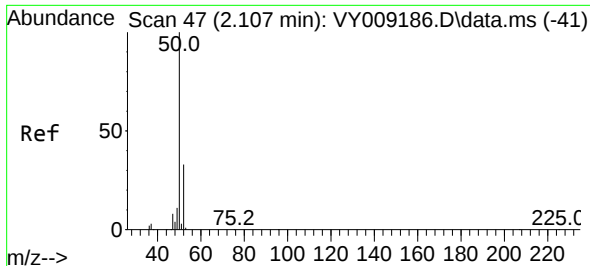
Tgt Ion:168 Resp: 177417
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 21.657 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 85 Resp: 29085
Ion Ratio Lower Upper
85 100
87 35.2 16.1 48.2

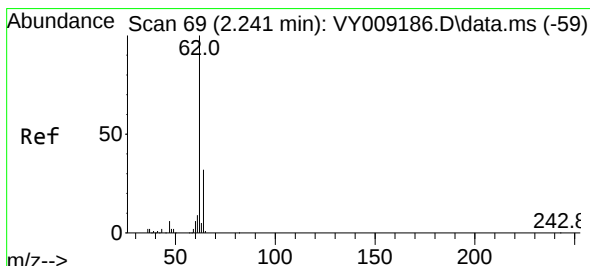
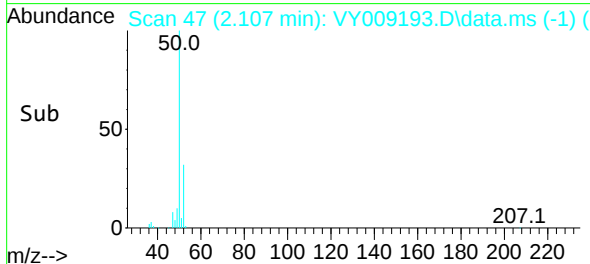
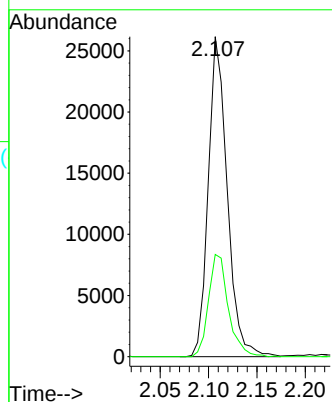
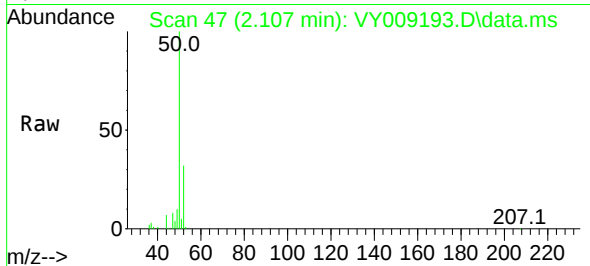




#3
Chloromethane
Concen: 21.466 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

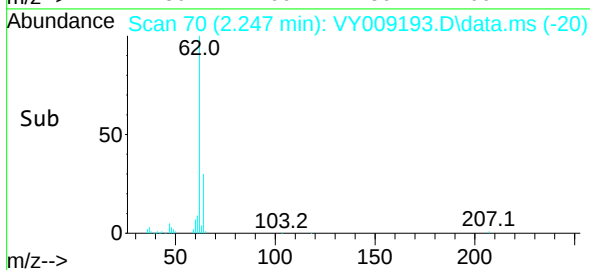
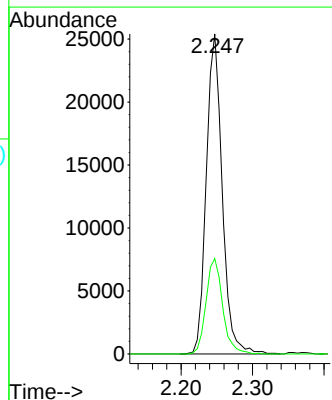
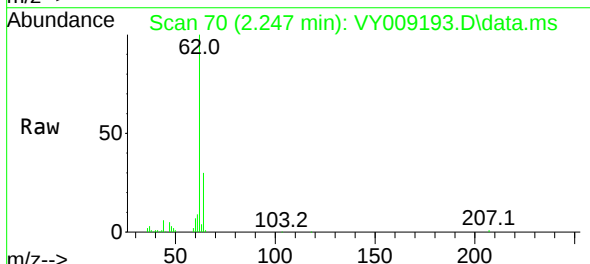
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

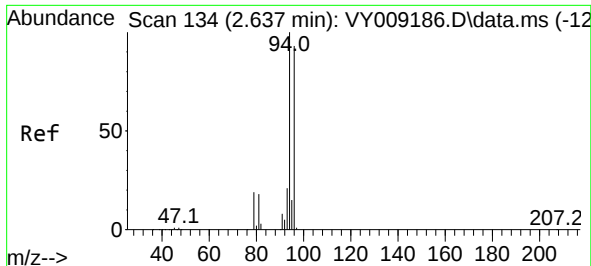
Tgt Ion: 50 Resp: 35717
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0



#4
Vinyl Chloride
Concen: 22.501 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 62 Resp: 39299
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.6

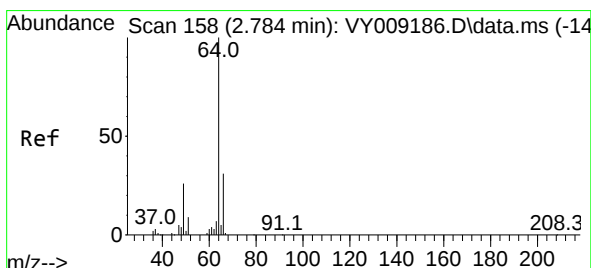
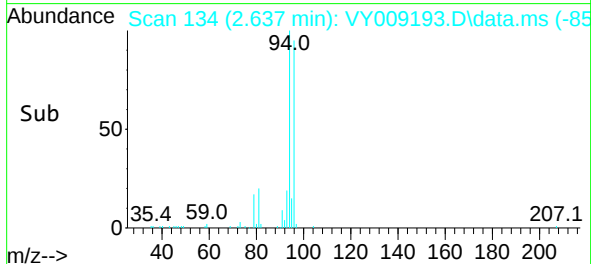
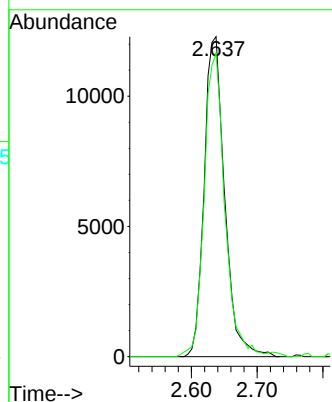
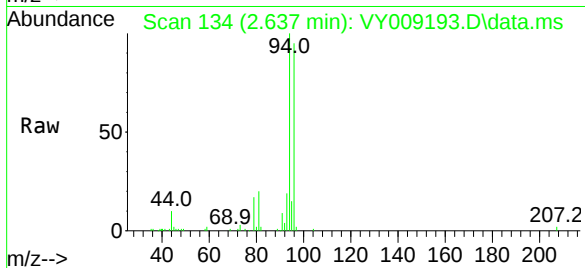




#5
Bromomethane
Concen: 21.669 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

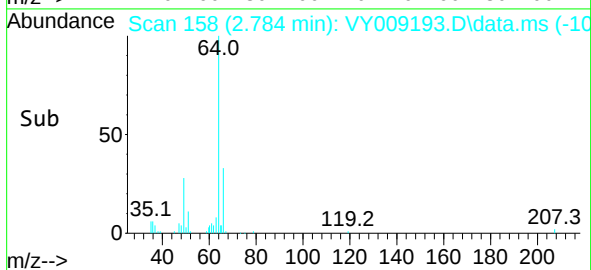
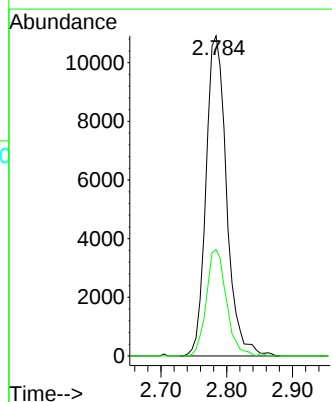
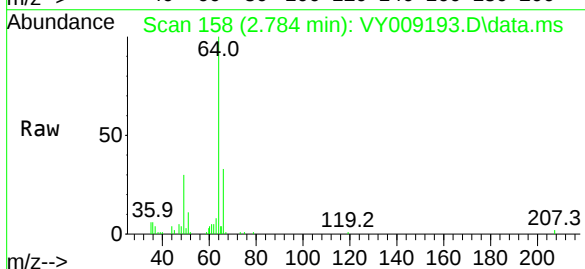
Instrument :
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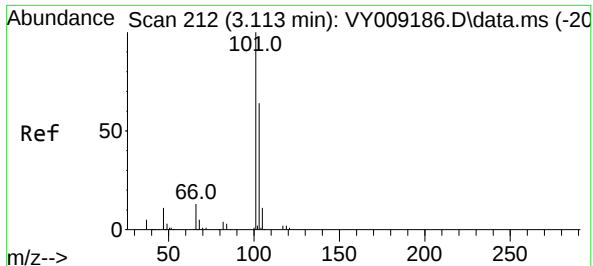
Tgt Ion: 94 Resp: 26588
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3



#6
Chloroethane
Concen: 21.701 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 64 Resp: 23717
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

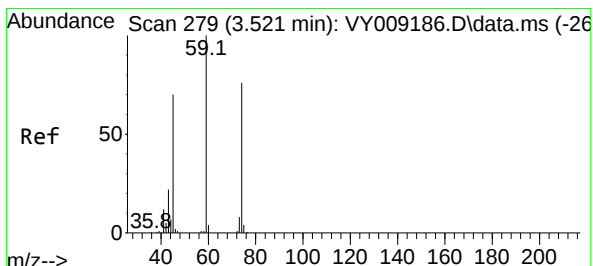
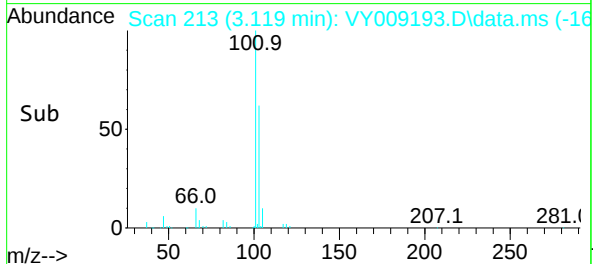
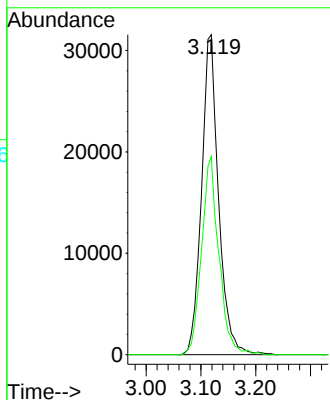
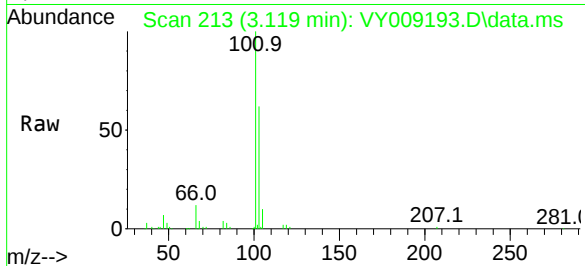




#7
 Trichlorofluoromethane
 Concen: 24.352 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

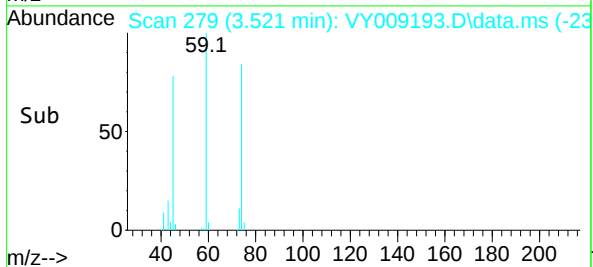
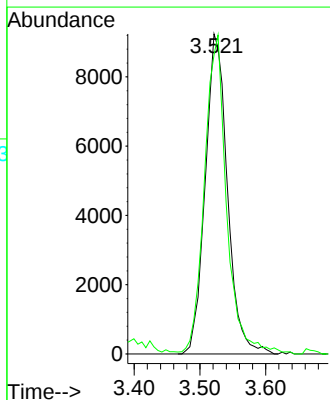
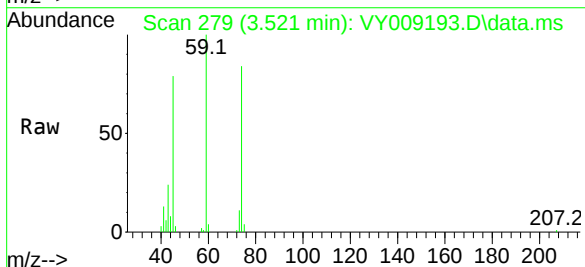
Instrument :
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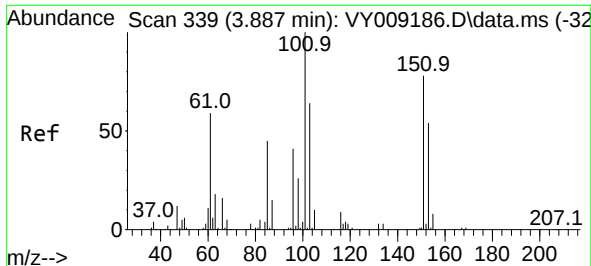
Tgt Ion:101 Resp: 67939
 Ion Ratio Lower Upper
 101 100
 103 61.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.506 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

Tgt Ion: 74 Resp: 21707
 Ion Ratio Lower Upper
 74 100
 45 99.4 55.1 165.5

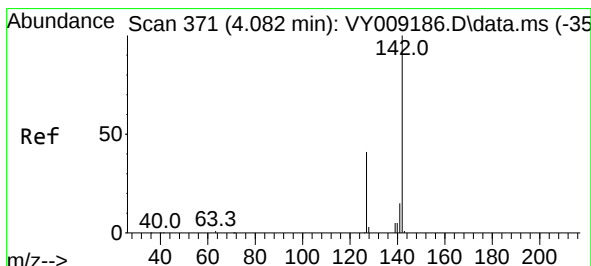
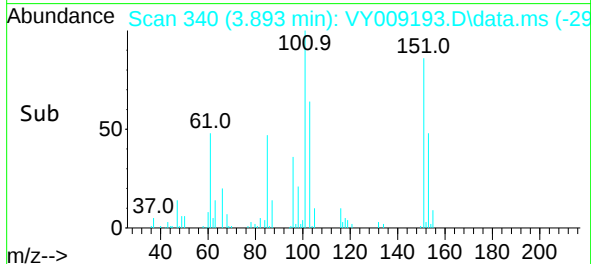
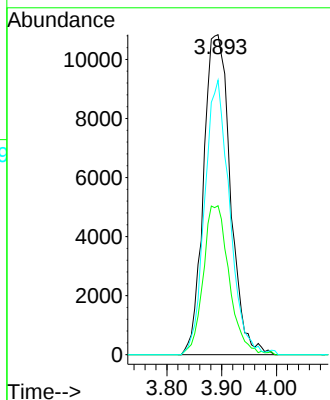
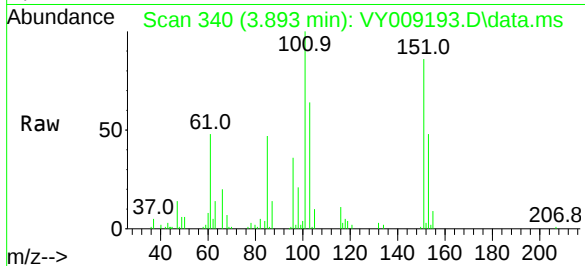




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.398 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009193.D
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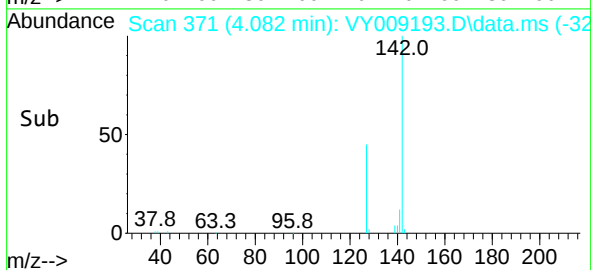
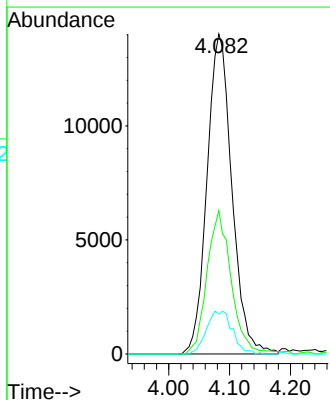
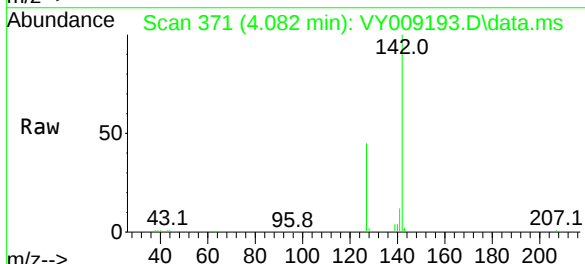
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

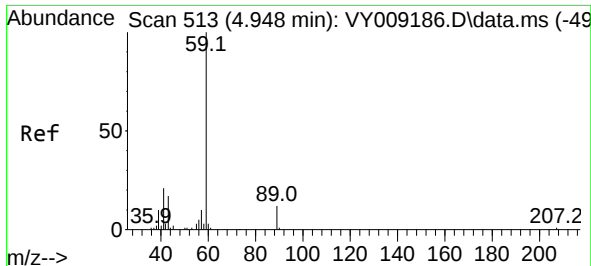
Tgt Ion:101 Resp: 36707
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 79.7 64.9 97.3



#10
Methyl Iodide
Concen: 18.182 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion:142 Resp: 39842
Ion Ratio Lower Upper
142 100
127 43.8 41.5 62.3
141 13.9 11.9 17.9

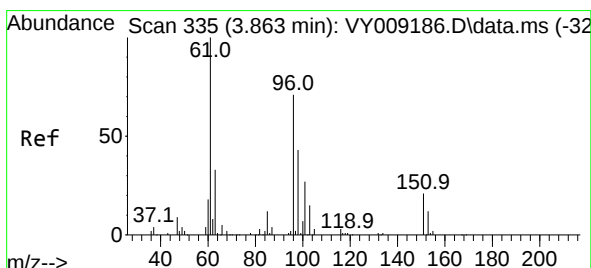
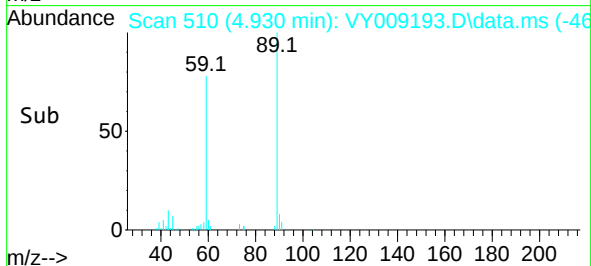
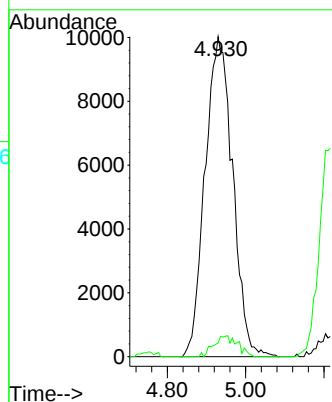
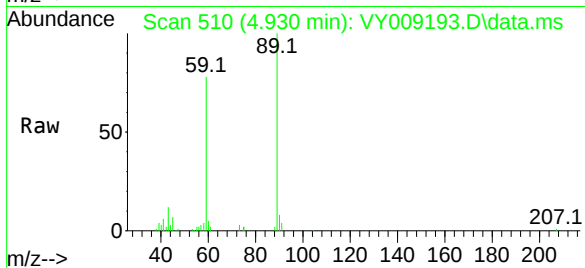




#11
Tert butyl alcohol
Concen: 166.540 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

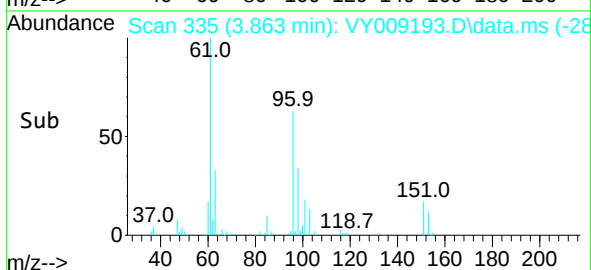
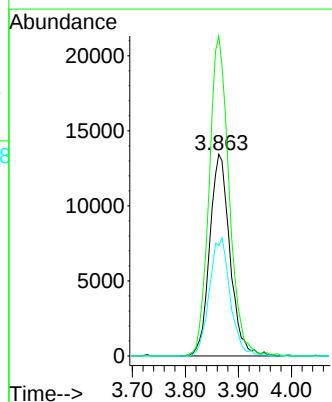
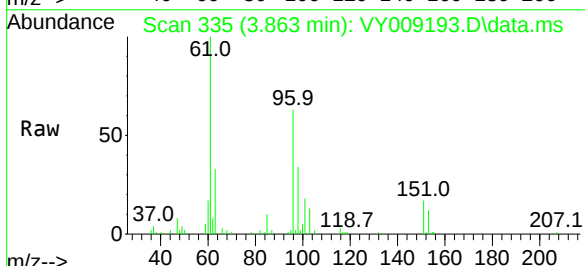
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

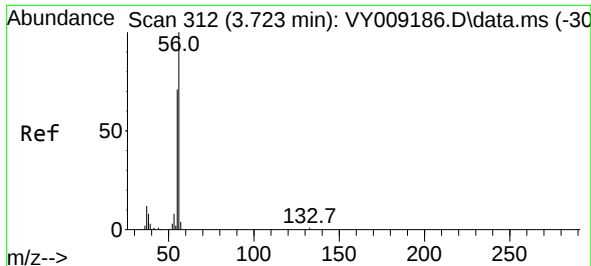
Tgt Ion: 59 Resp: 48967
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 21.137 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 96 Resp: 35684
Ion Ratio Lower Upper
96 100
61 158.7 145.8 218.6
98 54.8 52.5 78.7

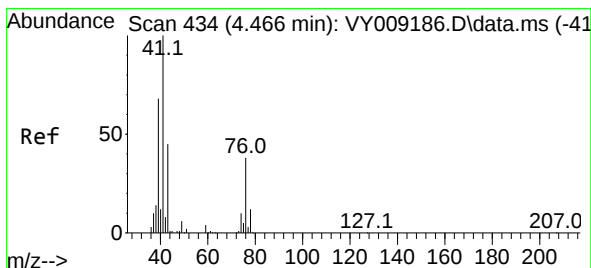
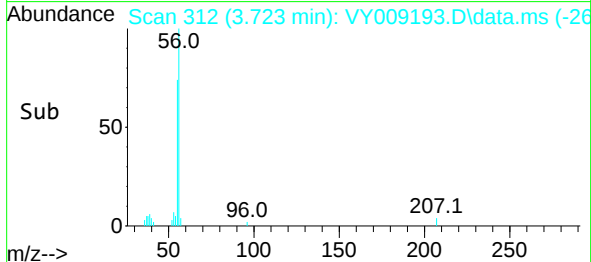
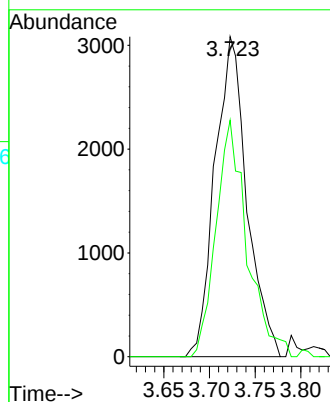
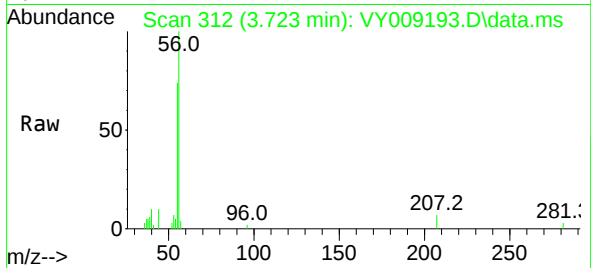




#13
Acrolein
Concen: 133.133 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

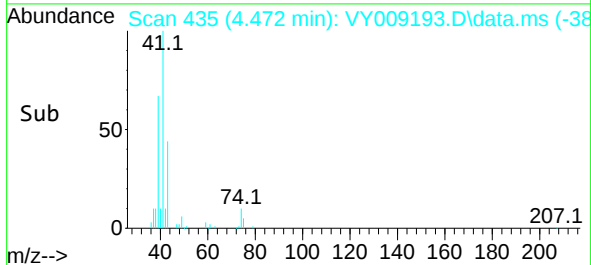
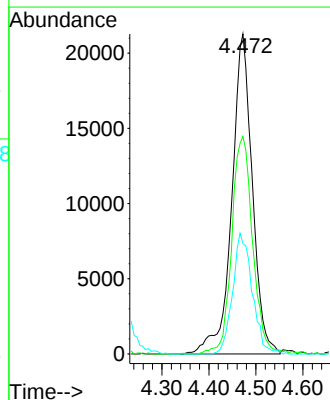
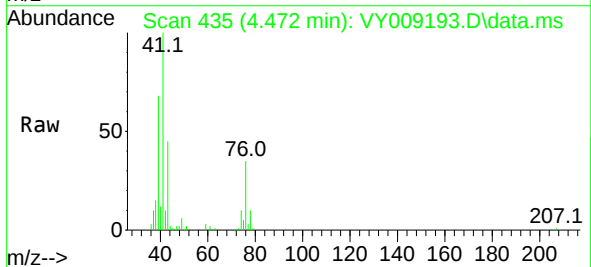
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

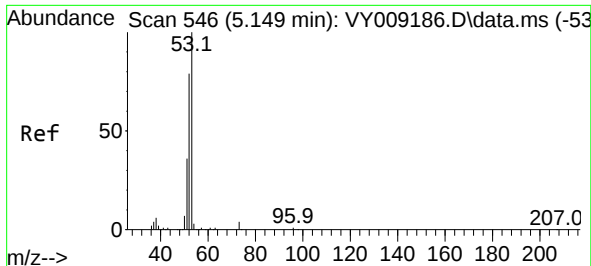
Tgt Ion: 56 Resp: 7498
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Allyl chloride
Concen: 21.184 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 41 Resp: 64537
Ion Ratio Lower Upper
41 100
39 69.0 58.8 88.2
76 35.9 25.1 37.7

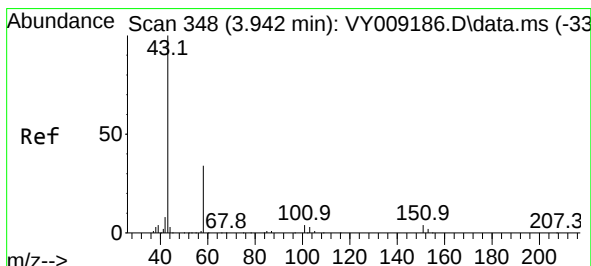
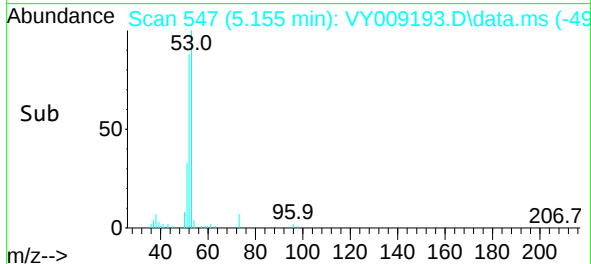
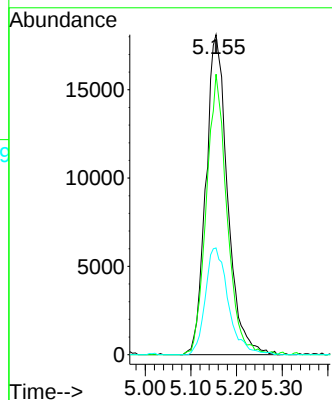
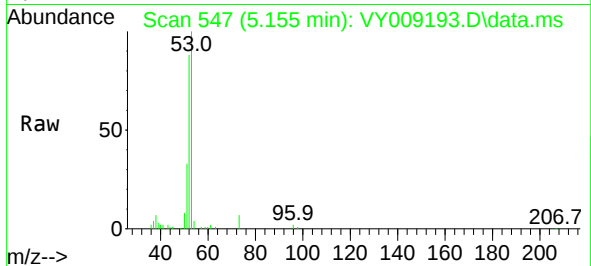




#15
Acrylonitrile
Concen: 105.586 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

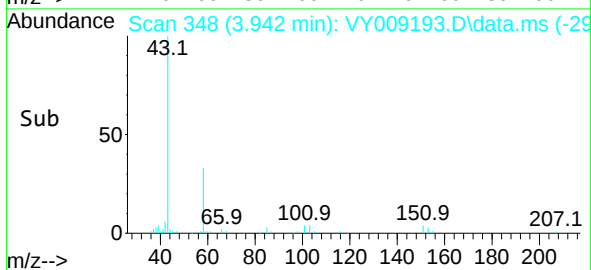
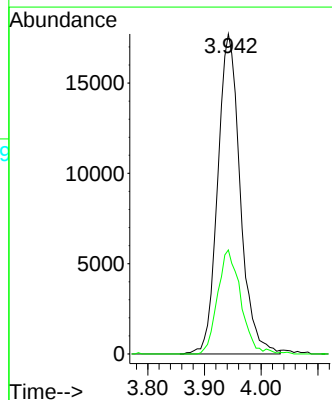
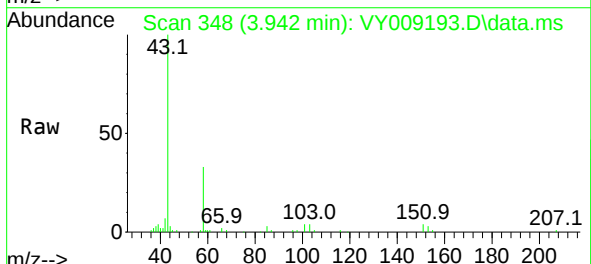
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

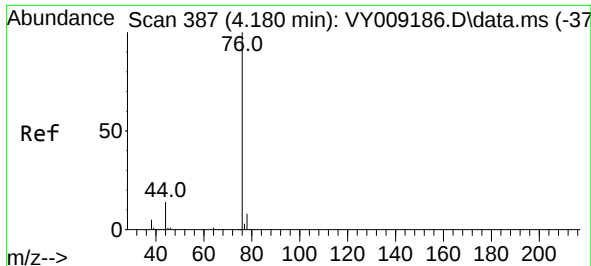
Tgt Ion: 53 Resp: 59782
Ion Ratio Lower Upper
53 100
52 83.4 67.0 100.4
51 35.3 29.8 44.6



#16
Acetone
Concen: 104.441 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 43 Resp: 48757
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

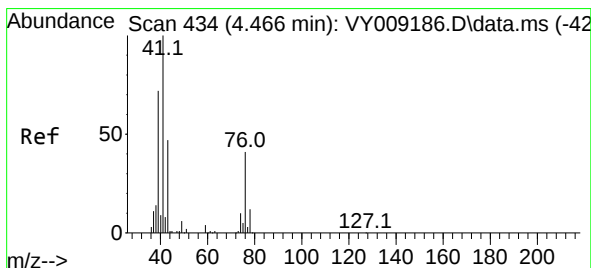
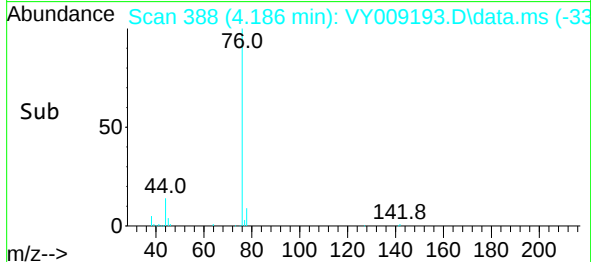
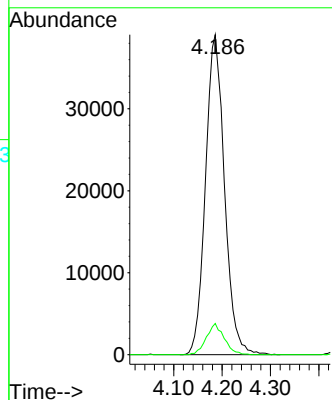
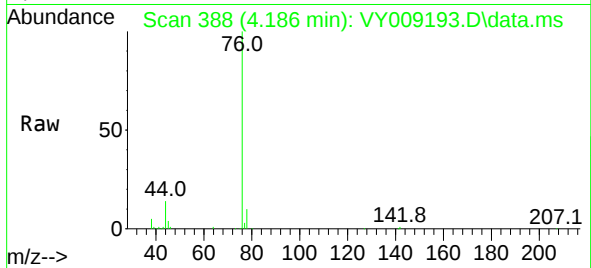




#17
Carbon Disulfide
Concen: 21.800 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

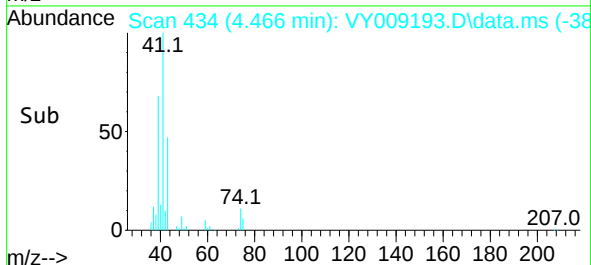
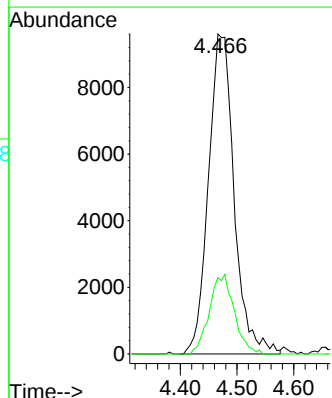
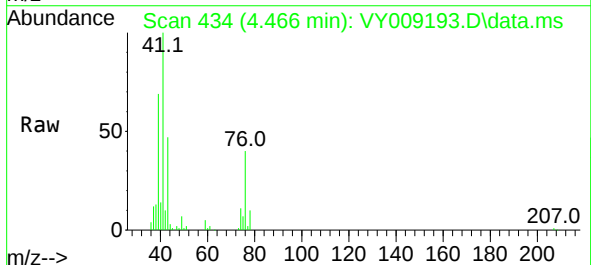
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

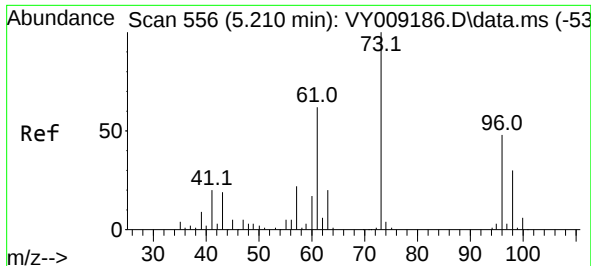
Tgt Ion: 76 Resp: 106545
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.261 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 43 Resp: 30148
Ion Ratio Lower Upper
43 100
74 24.0 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 20.533 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

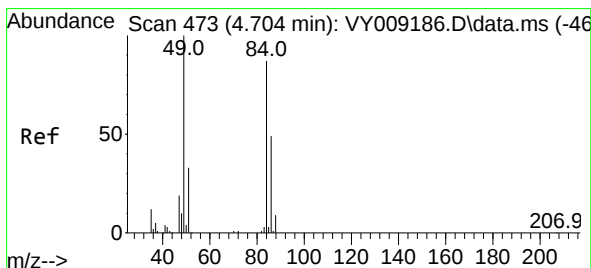
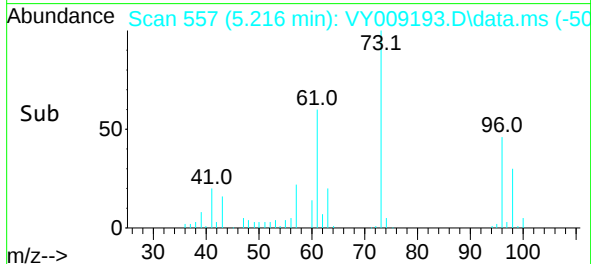
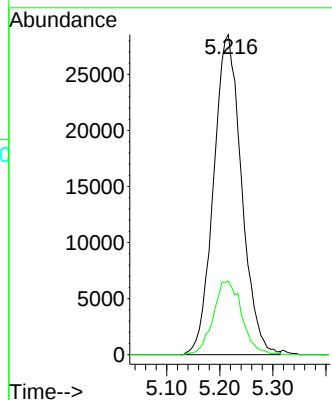
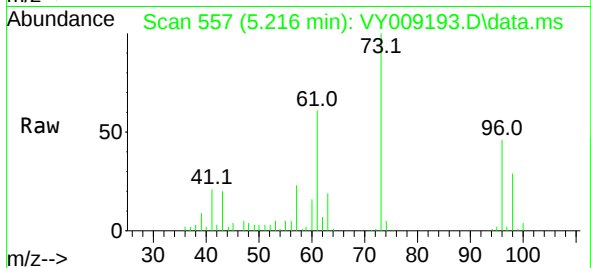
VY0616SBS01

Tgt Ion: 73 Resp: 104591

Ion Ratio Lower Upper

73 100

57 22.9 18.6 27.8



#20

Methylene Chloride

Concen: 21.104 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Tgt Ion: 84 Resp: 47841

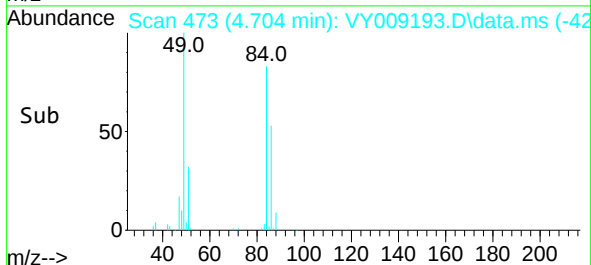
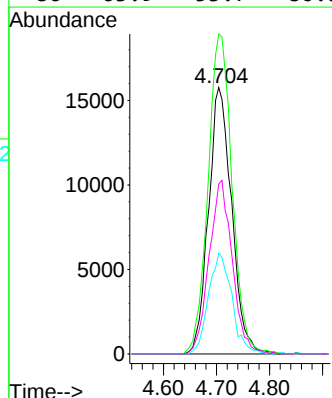
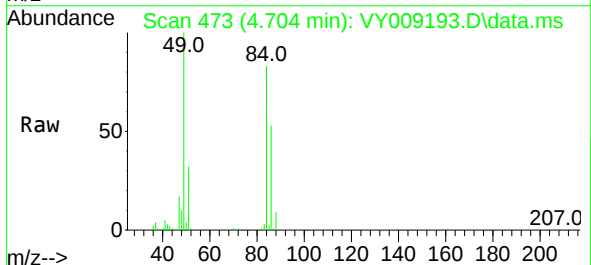
Ion Ratio Lower Upper

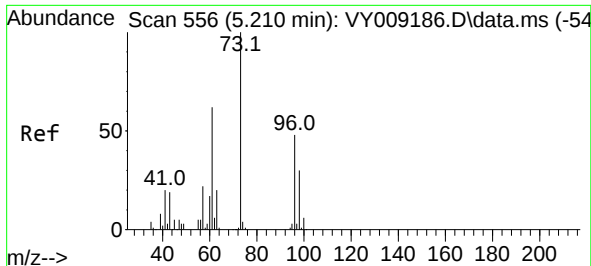
84 100

49 120.1 114.4 171.6

51 37.8 35.3 52.9

86 63.9 53.7 80.5

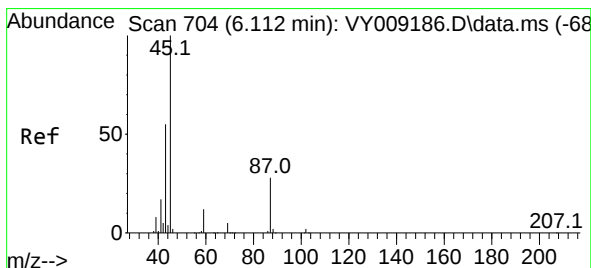
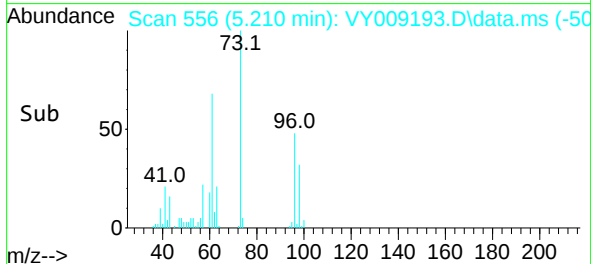
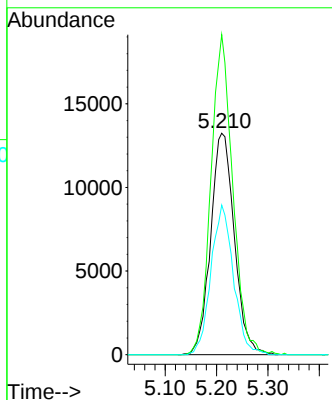
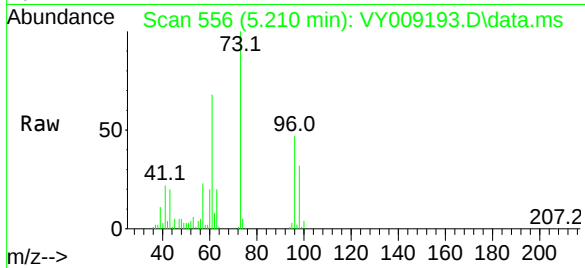




#21
trans-1,2-Dichloroethene
Concen: 21.438 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

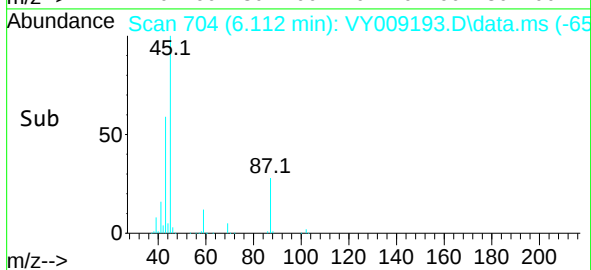
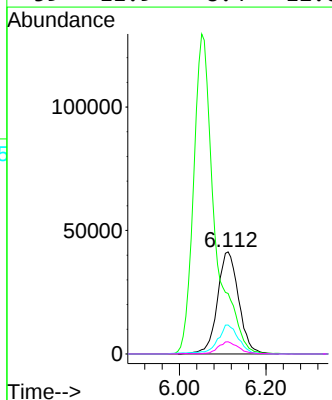
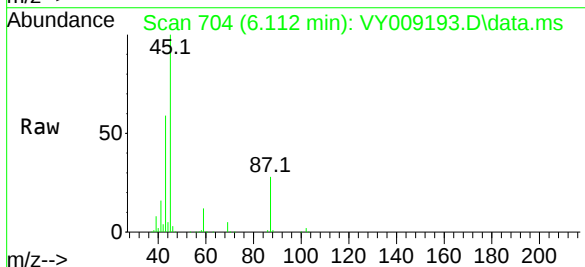
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

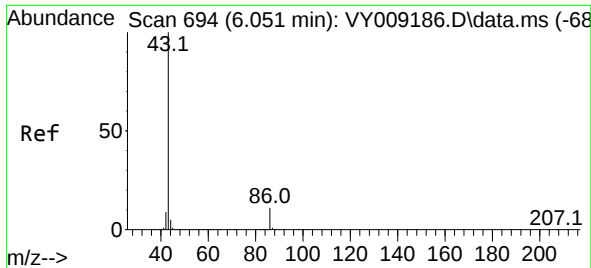
Tgt Ion: 96 Resp: 42409
Ion Ratio Lower Upper
96 100
61 144.5 120.5 180.7
98 67.6 49.8 74.8



#22
Diisopropyl ether
Concen: 22.454 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 45 Resp: 141056
Ion Ratio Lower Upper
45 100
43 58.6 49.3 73.9
87 28.4 19.2 28.8
59 11.9 8.4 12.6

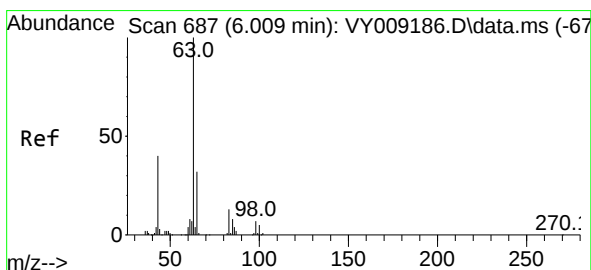
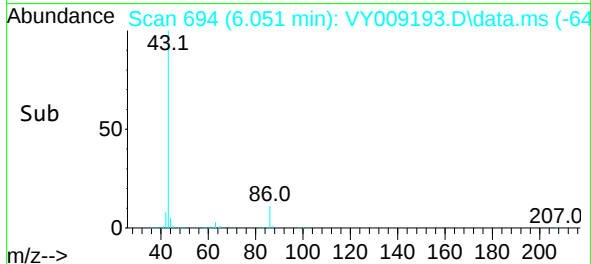
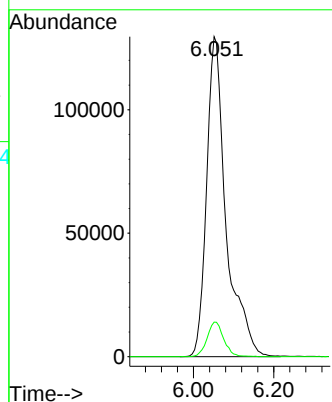
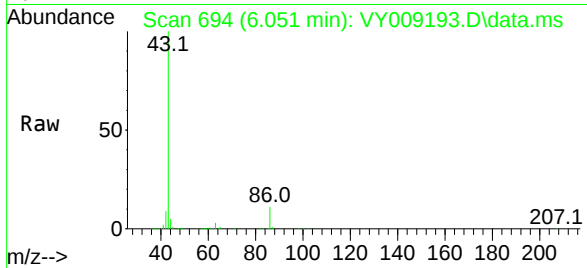




#23
 Vinyl Acetate
 Concen: 110.717 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

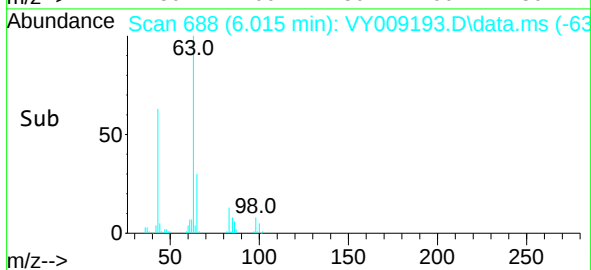
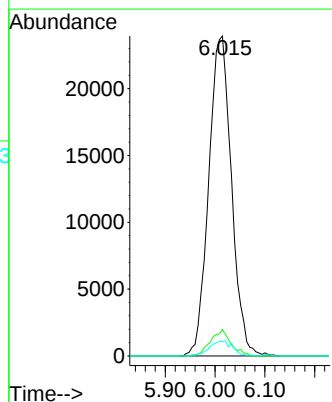
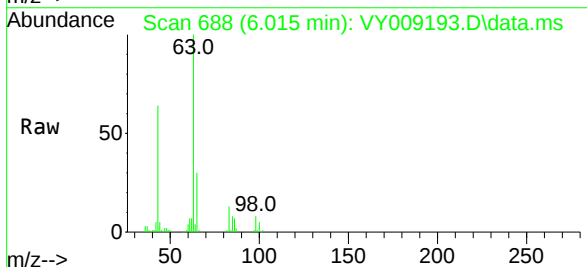
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

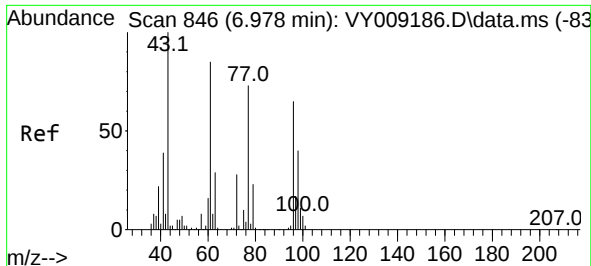
Tgt Ion: 43 Resp: 437524
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.386 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

Tgt Ion: 63 Resp: 75911
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 108.366 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

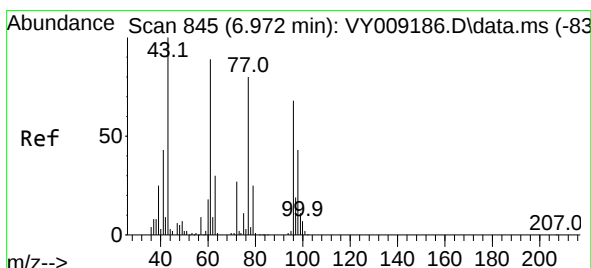
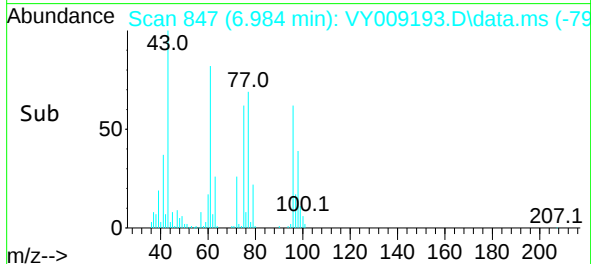
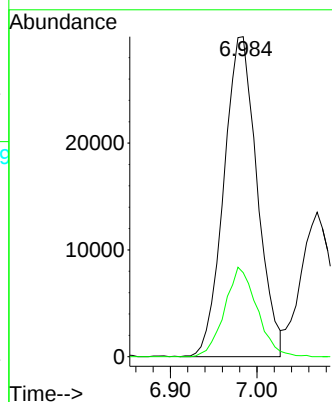
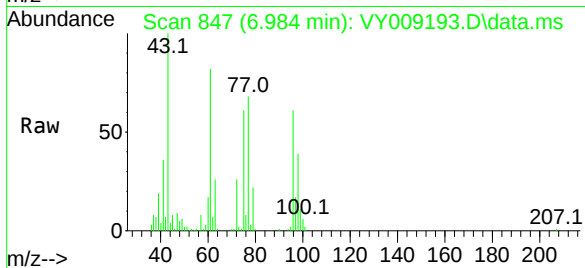
VY0616SBS01

Tgt Ion: 43 Resp: 80053

Ion Ratio Lower Upper

43 100

72 26.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 22.070 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009193.D

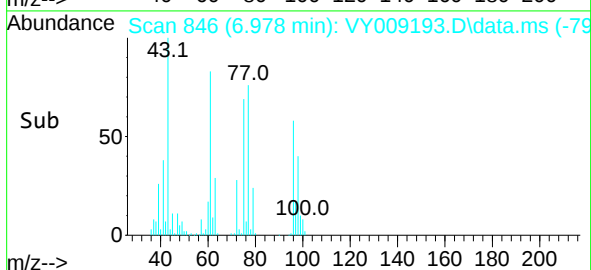
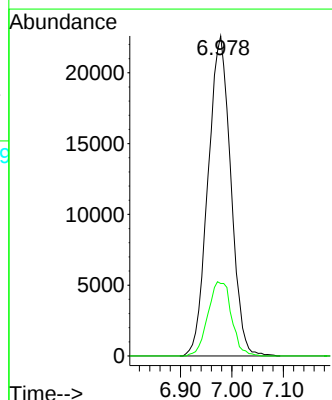
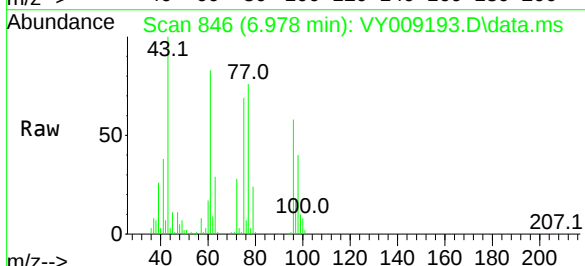
Acq: 16 Jun 2022 11:12

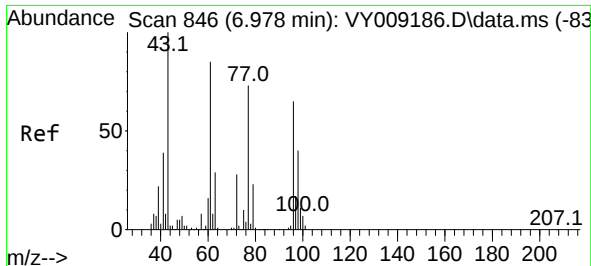
Tgt Ion: 77 Resp: 69413

Ion Ratio Lower Upper

77 100

97 24.0 10.4 31.4



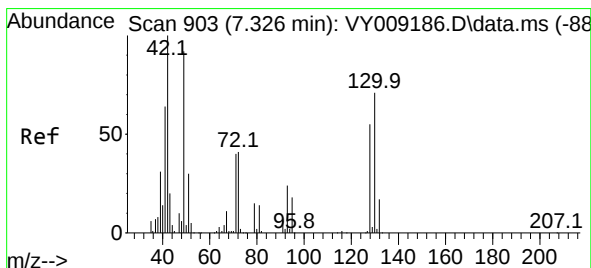
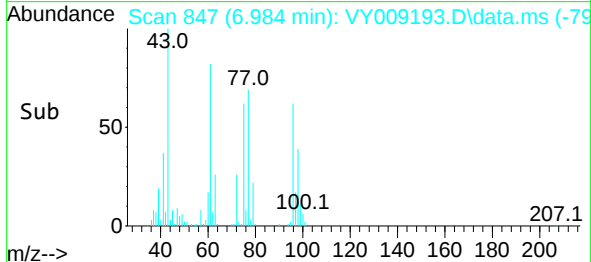
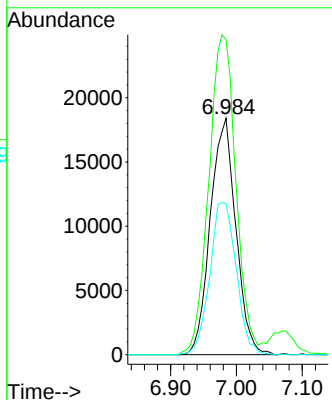
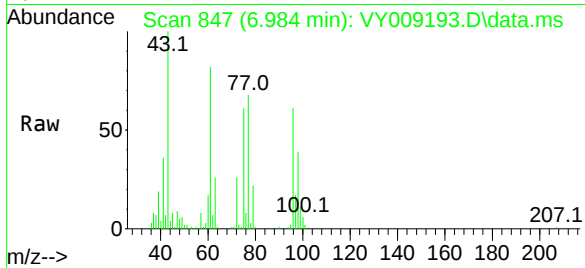


#27
 cis-1,2-Dichloroethene
 Concen: 21.446 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tgt Ion: 96 Resp: 49755

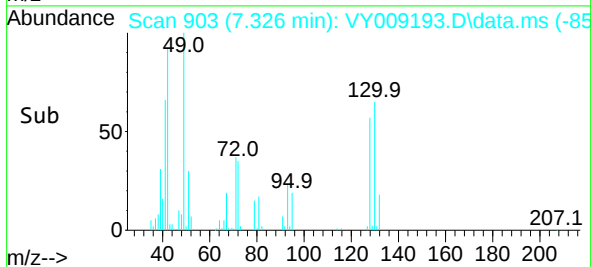
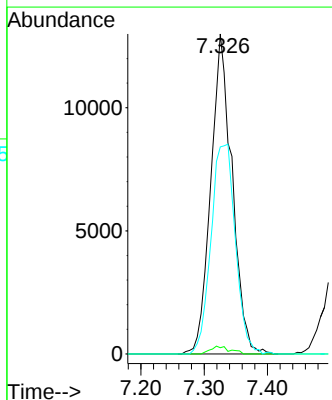
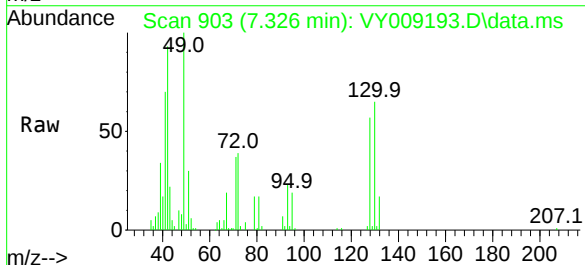
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	319.8
98	66.8	0.0	127.0

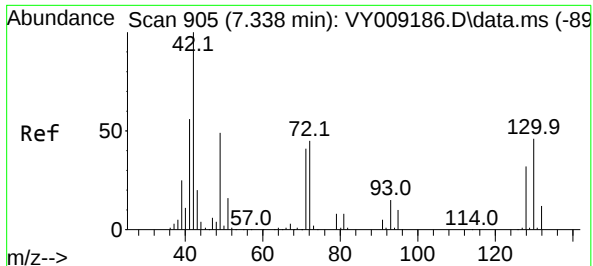


#28
 Bromochloromethane
 Concen: 19.950 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

Tgt Ion: 49 Resp: 30353

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2
130	75.1	55.4	83.0





#29

Tetrahydrofuran

Concen: 108.453 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

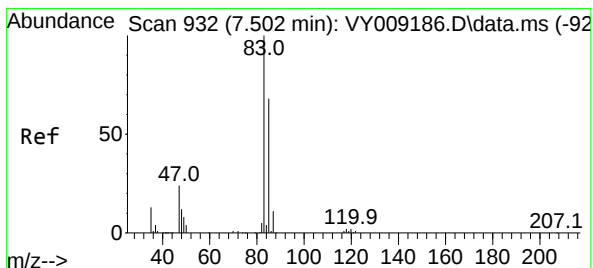
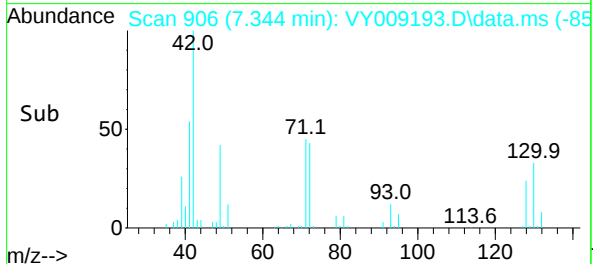
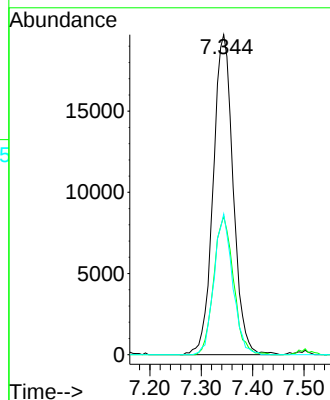
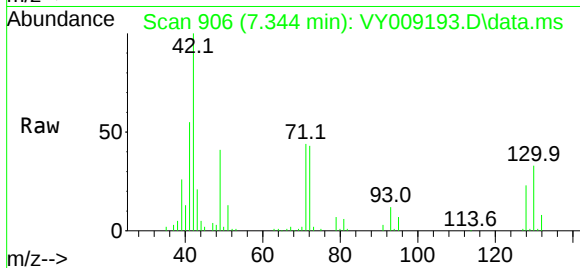
Tgt Ion: 42 Resp: 53196

Ion Ratio Lower Upper

42 100

72 42.6 30.3 45.5

71 40.9 29.0 43.4



#30

Chloroform

Concen: 21.268 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY009193.D

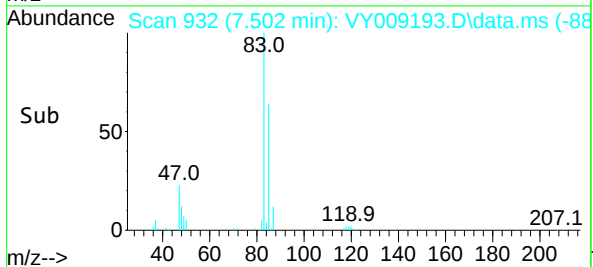
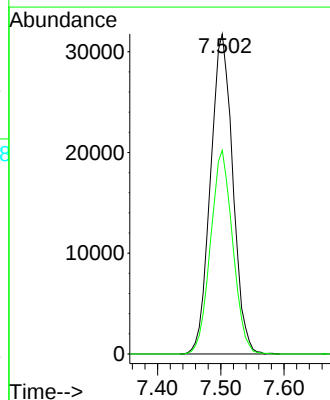
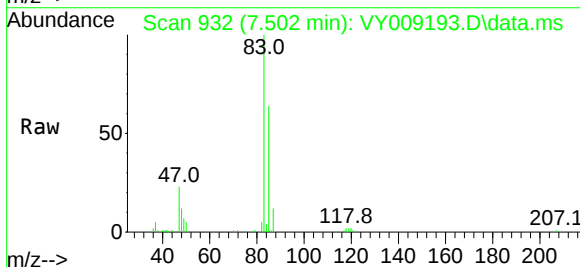
Acq: 16 Jun 2022 11:12

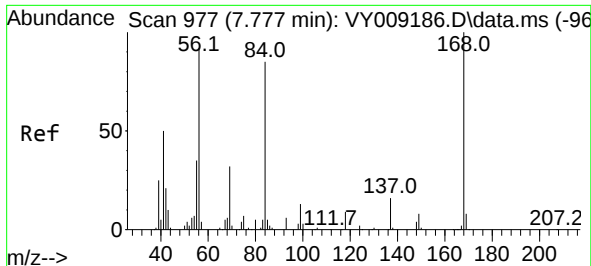
Tgt Ion: 83 Resp: 77653

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

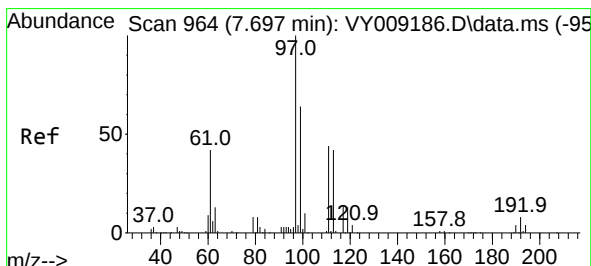
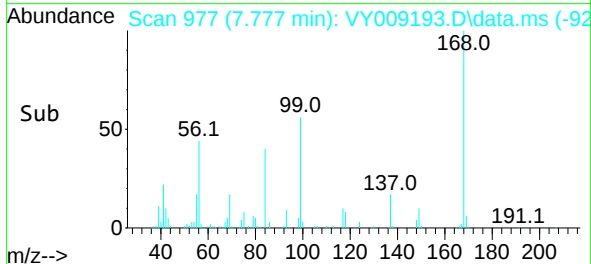
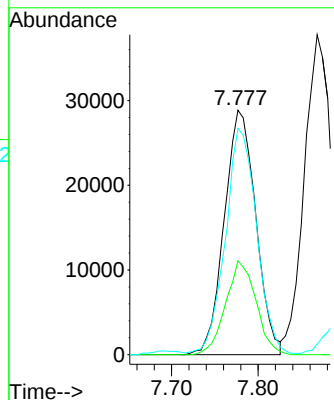
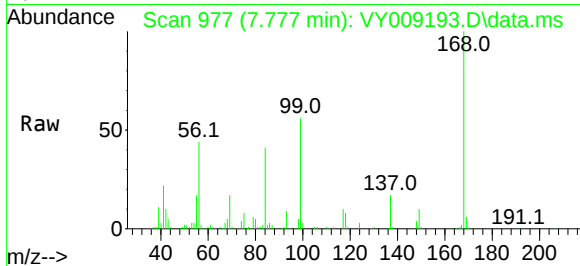




#31
Cyclohexane
Concen: 22.006 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

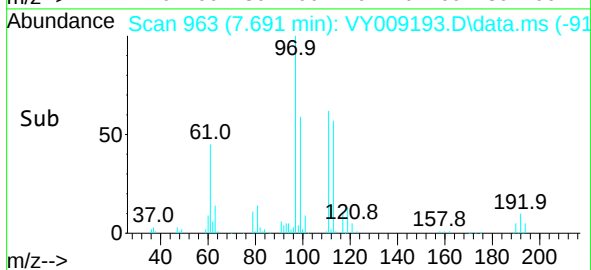
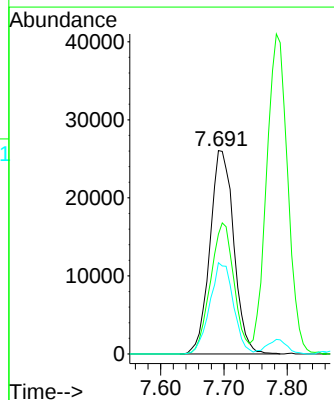
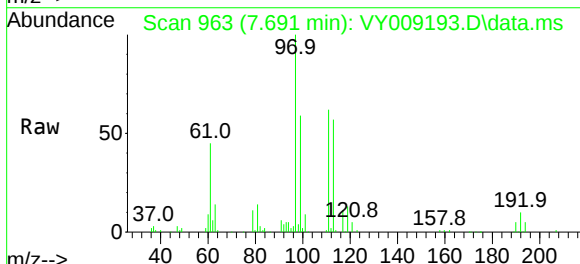
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

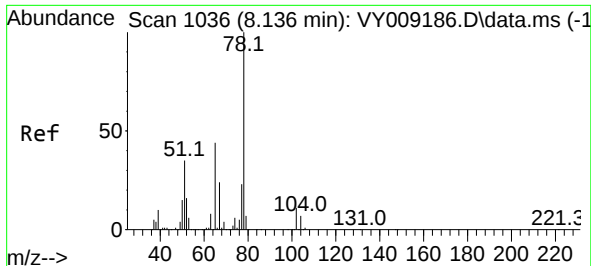
Tgt Ion: 56 Resp: 73056
Ion Ratio Lower Upper
56 100
69 38.4 26.7 40.1
84 91.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.256 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 97 Resp: 68240
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 44.3 37.6 56.4

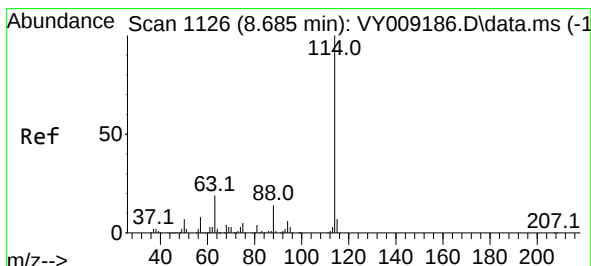
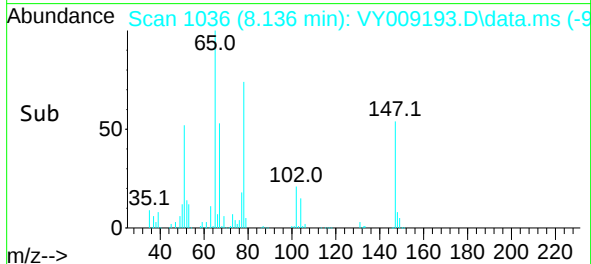
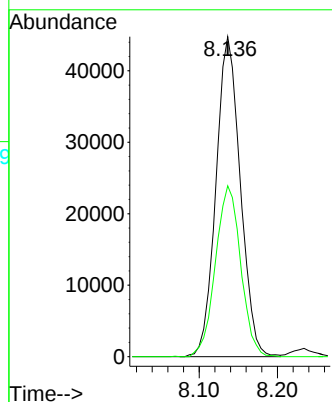
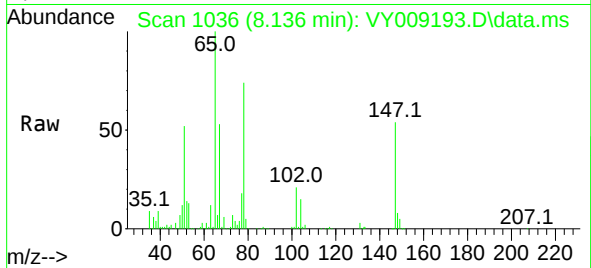




#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

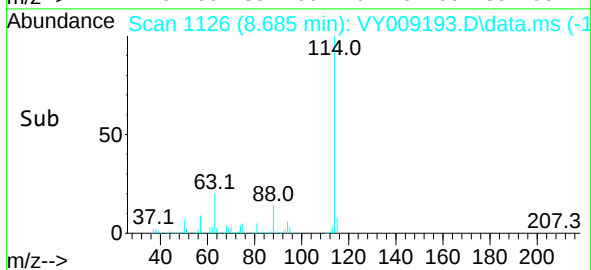
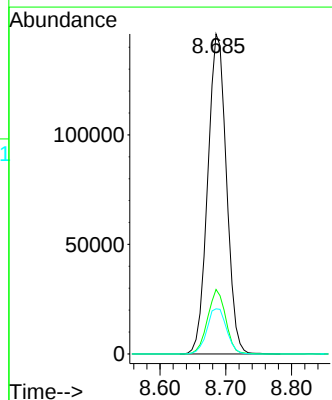
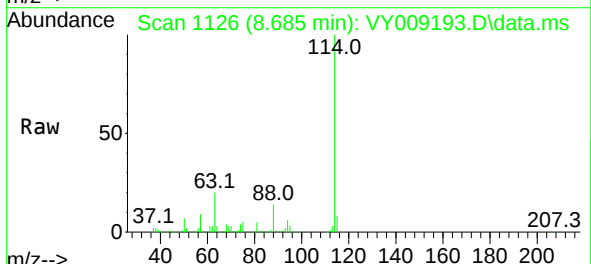
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

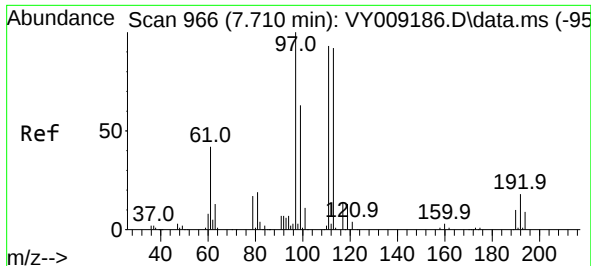
Tgt Ion: 65 Resp: 96797
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 114 Resp: 288440
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 14.1 0.0 31.8

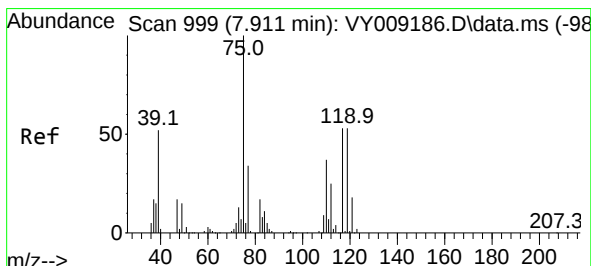
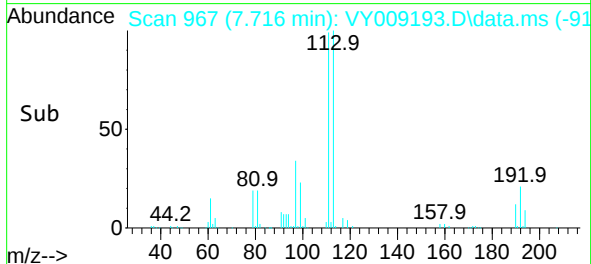
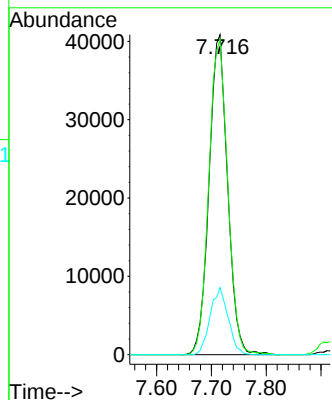
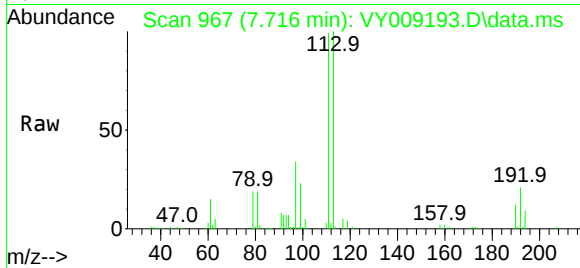




#35
Dibromofluoromethane
Concen: 52.901 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

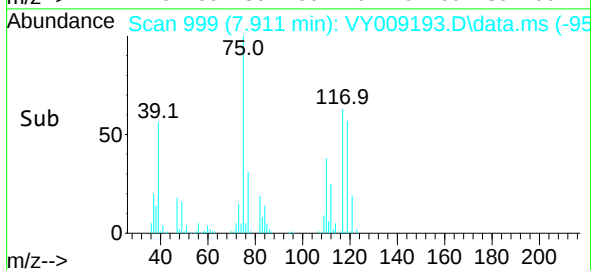
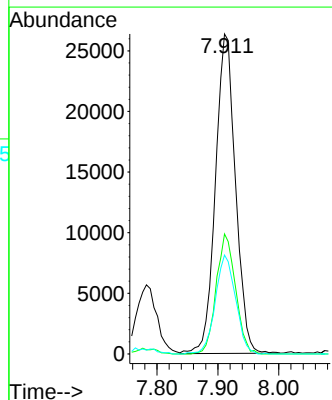
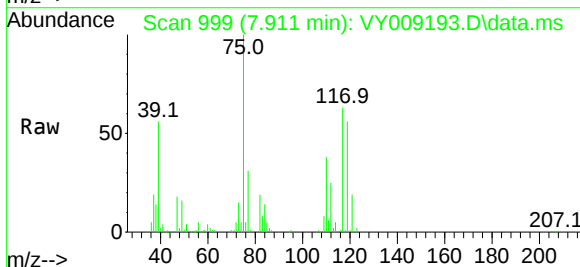
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

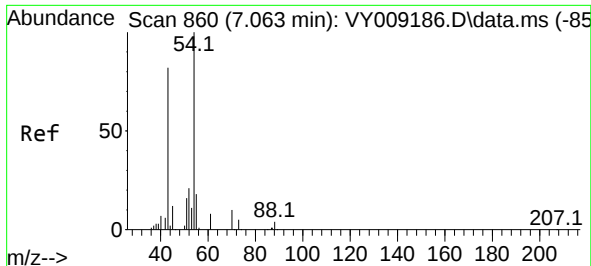
Tgt Ion:113 Resp: 95667
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 21.685 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 75 Resp: 60323
Ion Ratio Lower Upper
75 100
110 36.1 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.269 ug/l

RT: 7.069 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

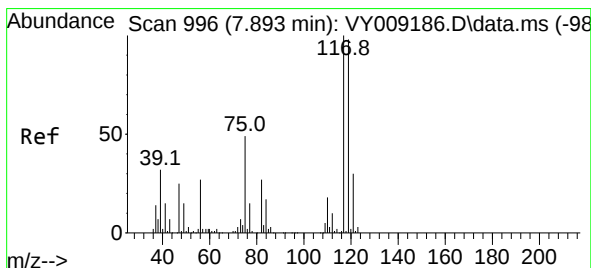
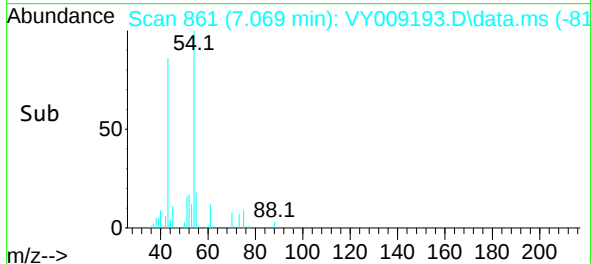
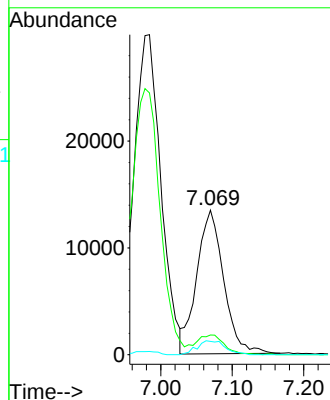
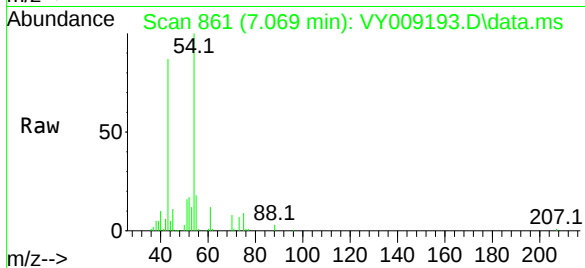
Tgt Ion: 43 Resp: 35209

Ion Ratio Lower Upper

43 100

61 13.0 9.7 14.5

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.126 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

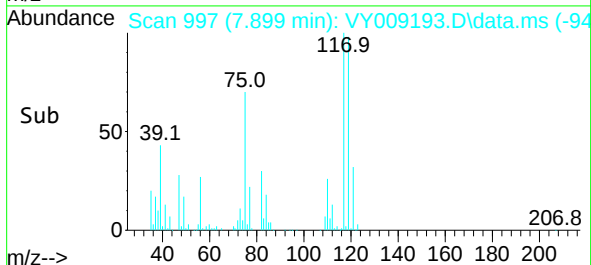
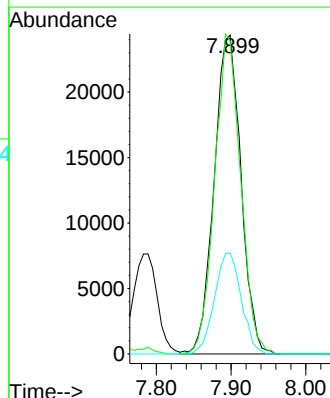
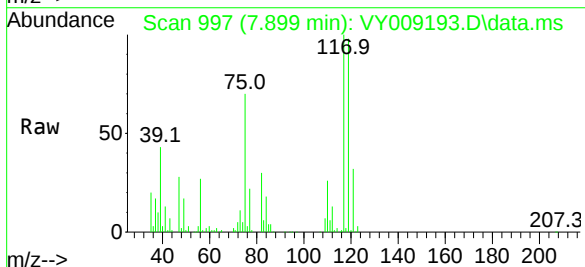
Tgt Ion: 117 Resp: 60768

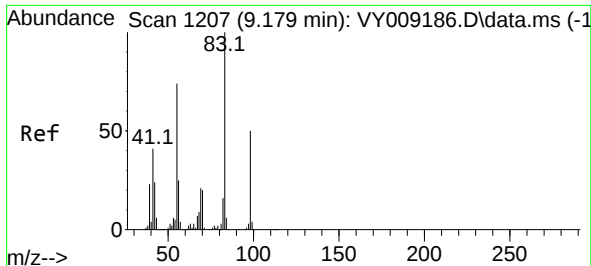
Ion Ratio Lower Upper

117 100

119 98.1 77.9 116.9

121 31.7 24.8 37.2

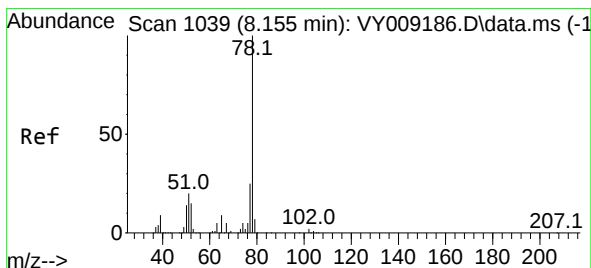
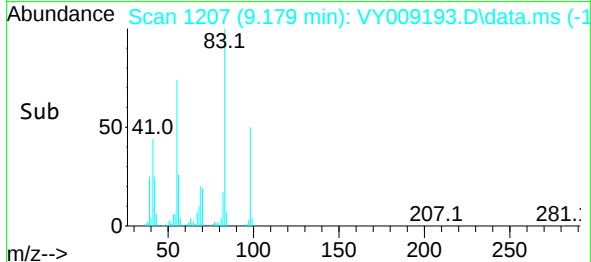
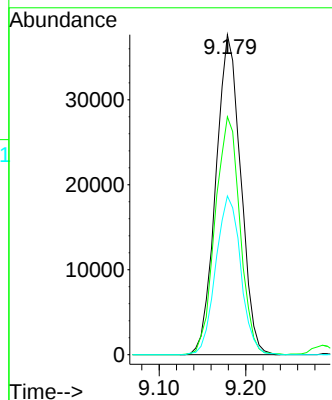
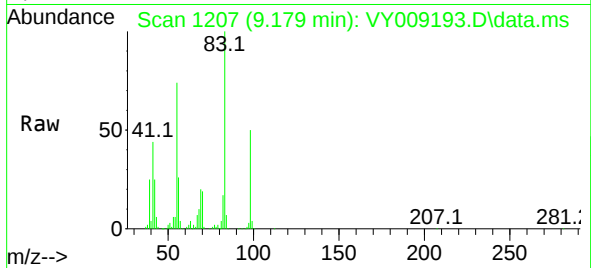




#39
Methylcyclohexane
Concen: 22.373 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

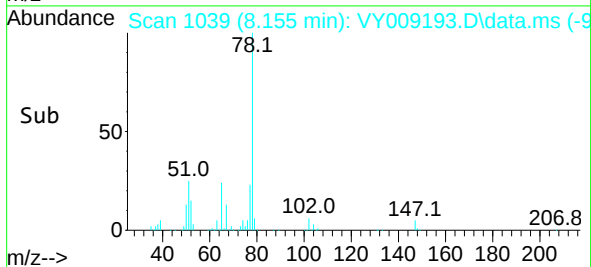
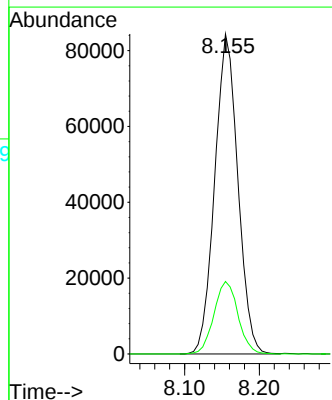
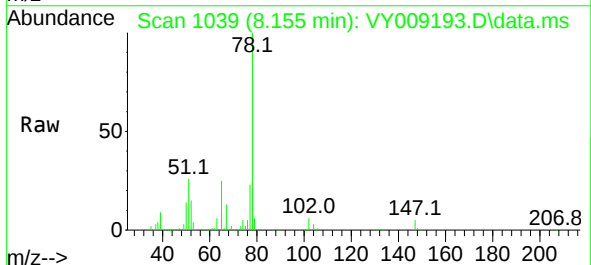
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

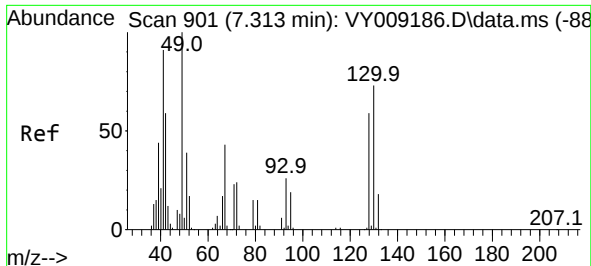
Tgt Ion: 83 Resp: 75034
Ion Ratio Lower Upper
83 100
55 74.3 66.5 99.7
98 49.6 37.9 56.9



#40
Benzene
Concen: 22.345 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 78 Resp: 181518
Ion Ratio Lower Upper
78 100
77 22.7 20.4 30.6

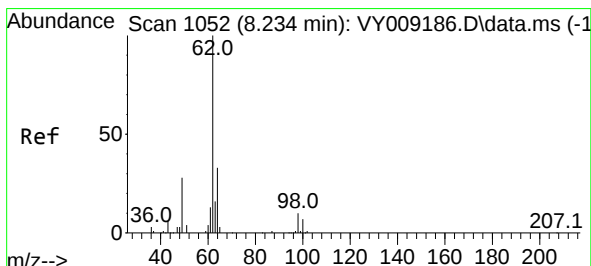
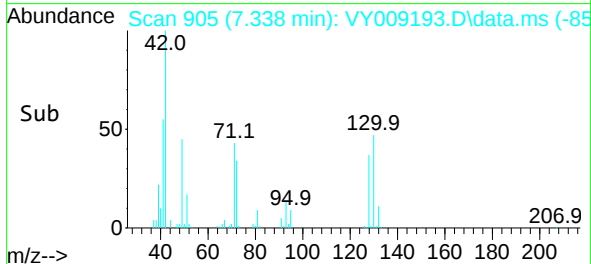
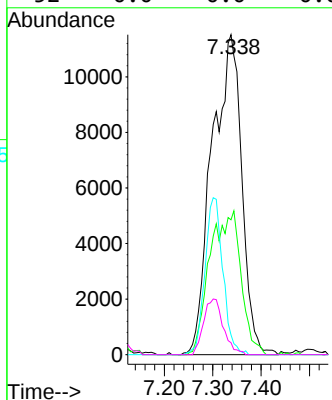
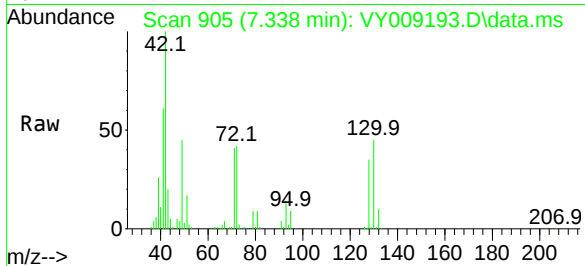




#41
Methacrylonitrile
Concen: 52.977 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

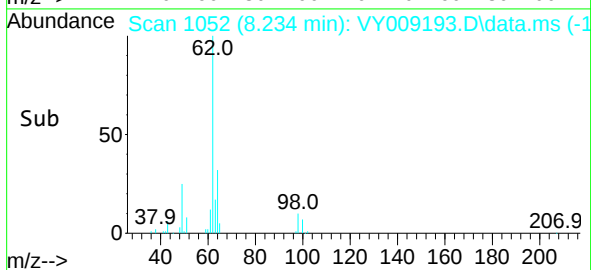
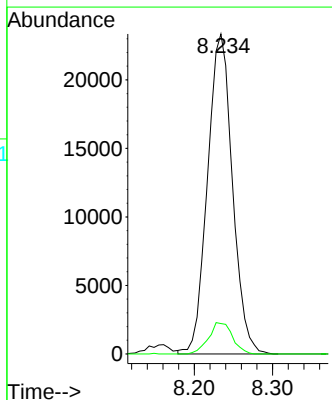
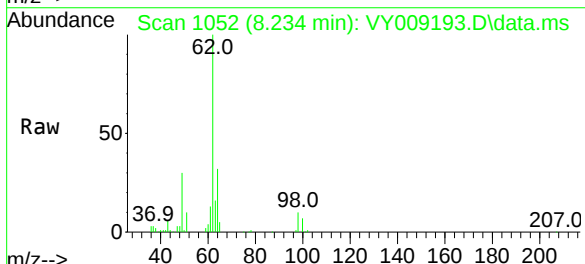
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

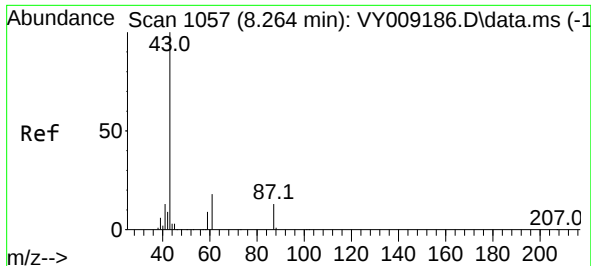
Tgt Ion: 41 Resp: 49051
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.798 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 62 Resp: 51642
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8

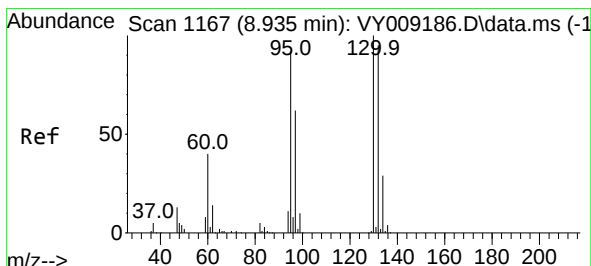
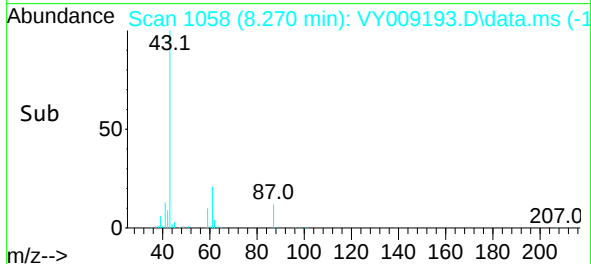
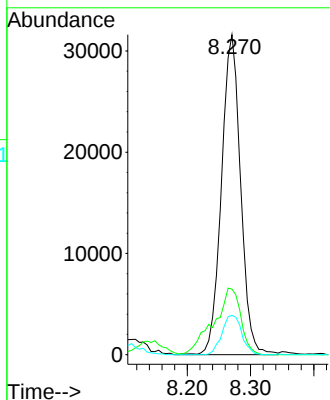
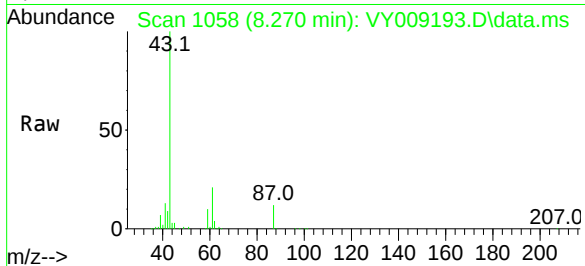




#43
Isopropyl Acetate
Concen: 21.635 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

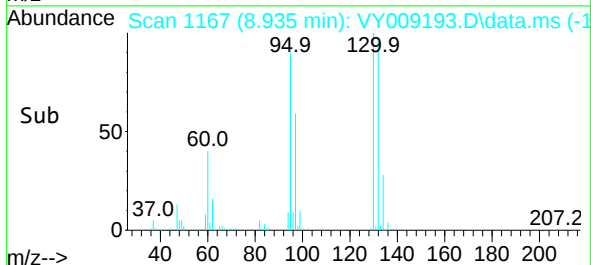
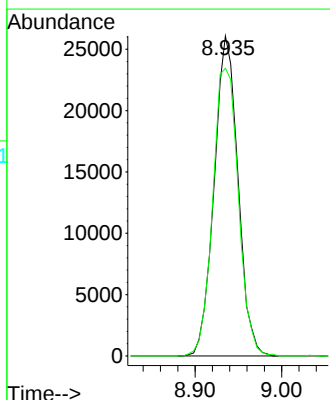
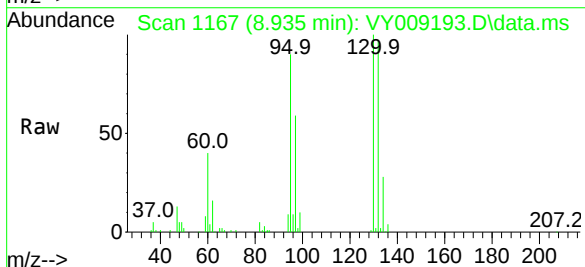
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

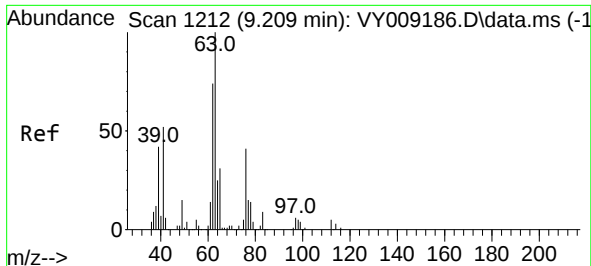
Tgt Ion: 43 Resp: 66243
Ion Ratio Lower Upper
43 100
61 29.4 20.2 30.2
87 12.7 8.9 13.3



#44
Trichloroethene
Concen: 21.437 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 130 Resp: 49777
Ion Ratio Lower Upper
130 100
95 89.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.673 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

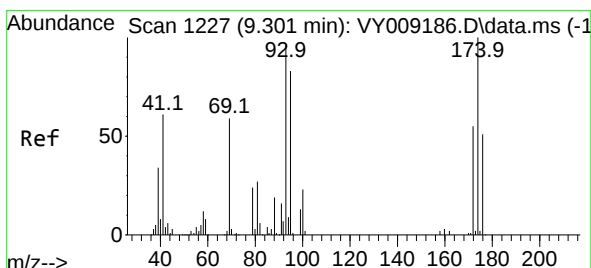
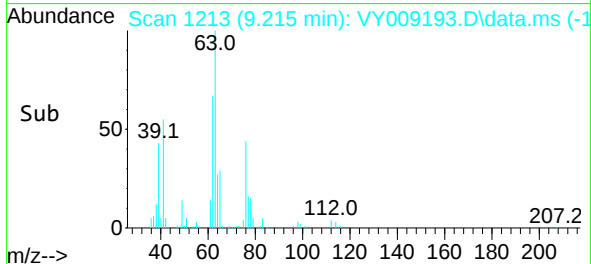
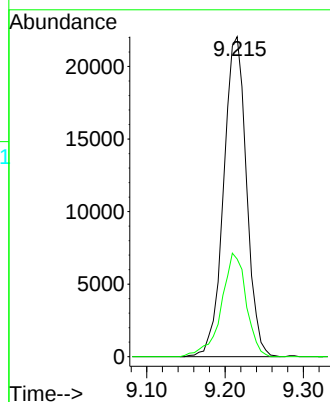
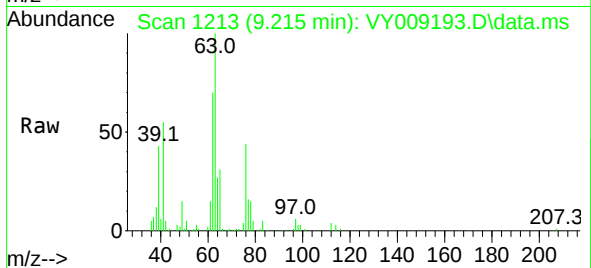
VY0616SBS01

Tgt Ion: 63 Resp: 44627

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.6



#46

Dibromomethane

Concen: 21.253 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

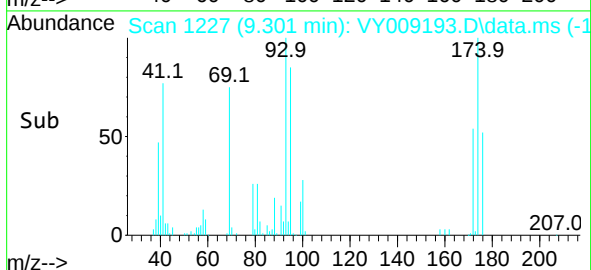
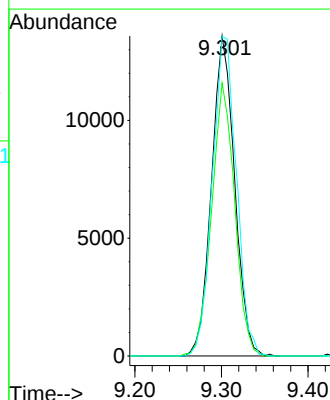
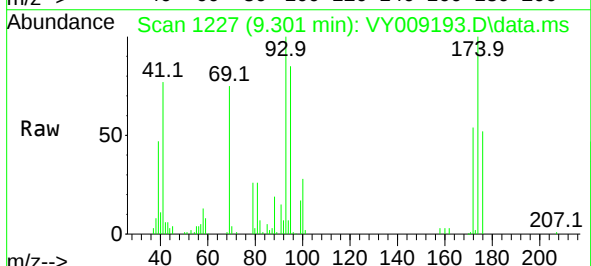
Tgt Ion: 93 Resp: 25174

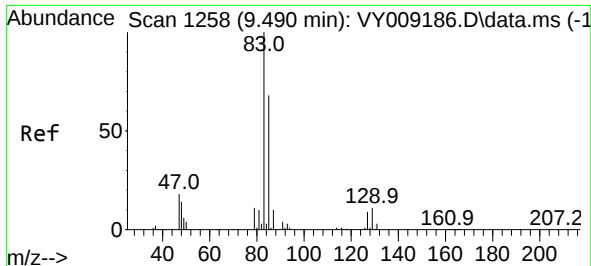
Ion Ratio Lower Upper

93 100

95 85.1 64.3 96.5

174 103.8 83.4 125.0

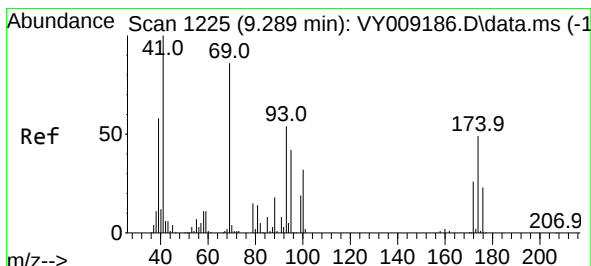
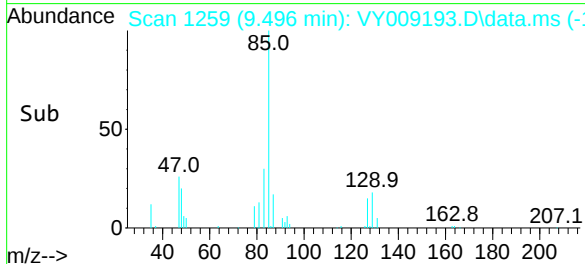
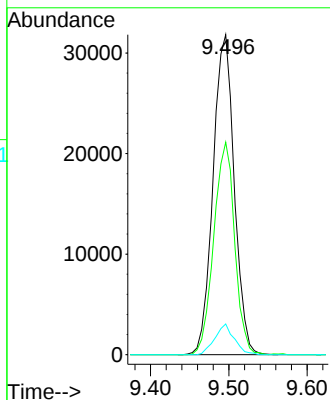
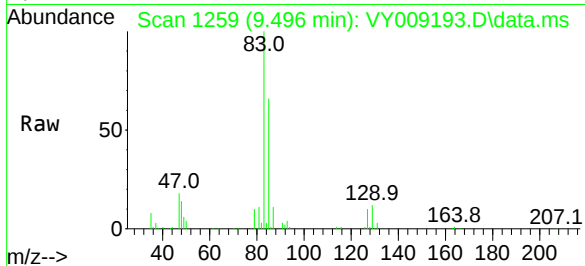




#47
Bromodichloromethane
Concen: 21.208 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

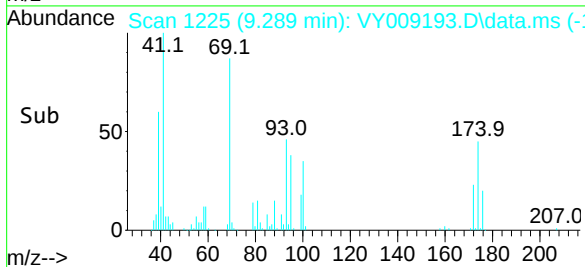
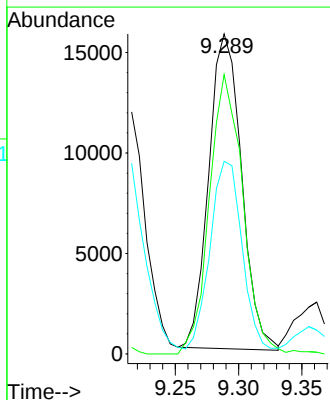
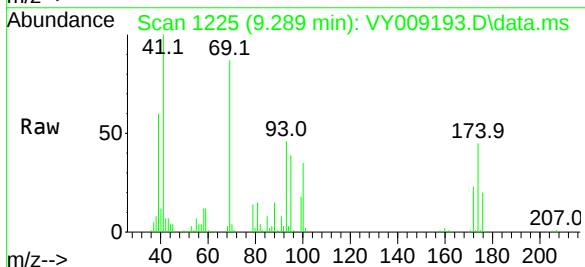
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

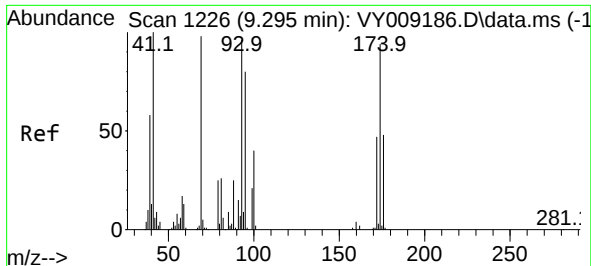
Tgt Ion: 83 Resp: 59872
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 20.631 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 41 Resp: 28194
Ion Ratio Lower Upper
41 100
69 90.8 58.2 87.2#
39 58.3 47.4 71.0





#49

1,4-Dioxane

Concen: 401.811 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

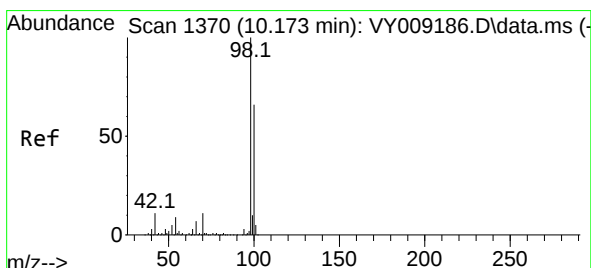
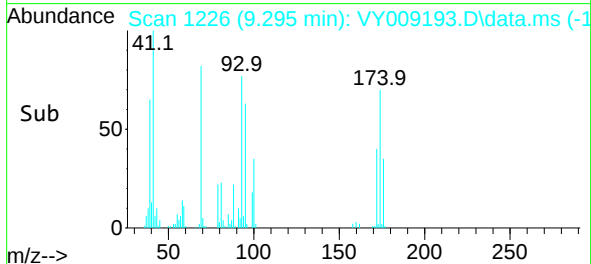
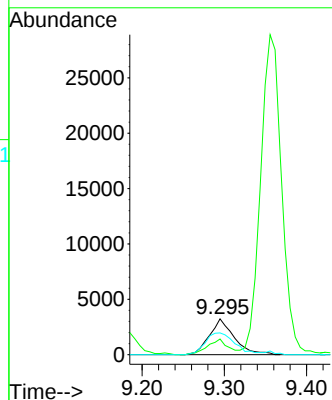
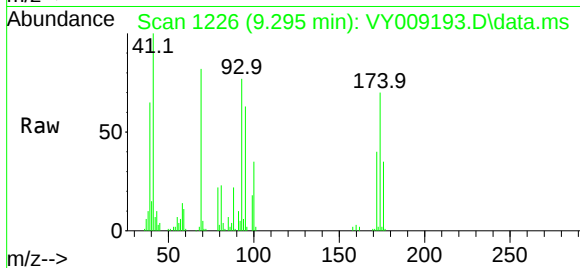
Tgt Ion: 88 Resp: 6770

Ion Ratio Lower Upper

88 100

43 37.7 32.8 49.2

58 73.2 59.8 89.6



#50

Toluene-d8

Concen: 53.147 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009193.D

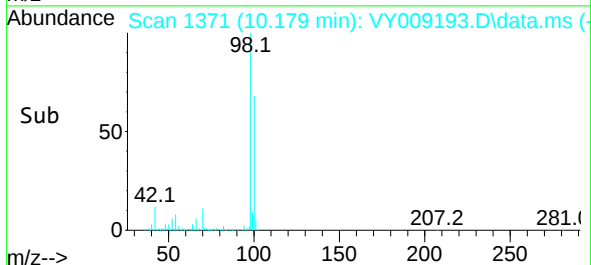
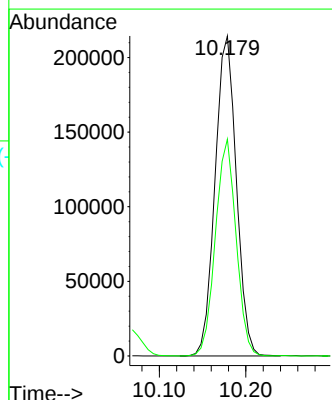
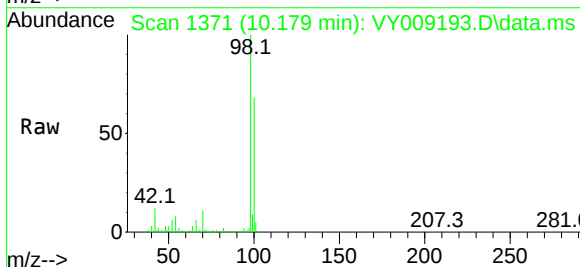
Acq: 16 Jun 2022 11:12

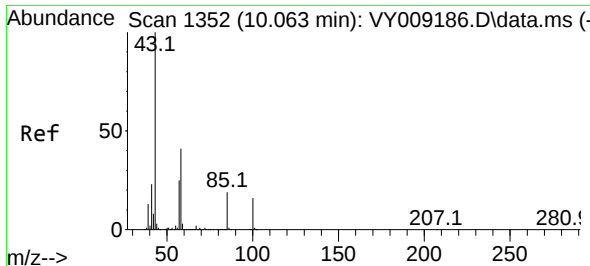
Tgt Ion: 98 Resp: 365862

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

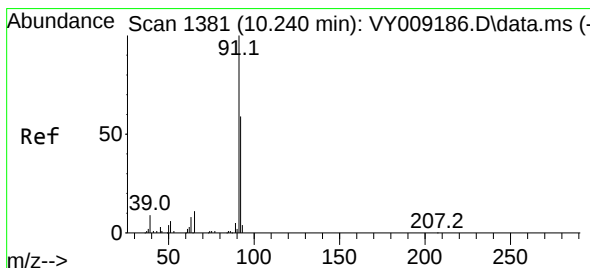
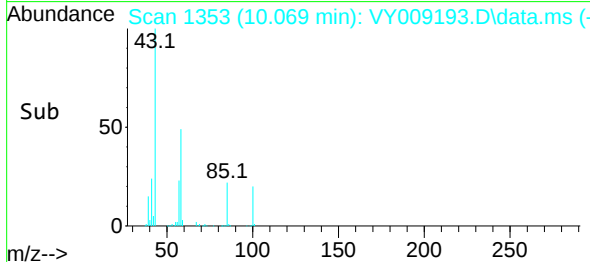
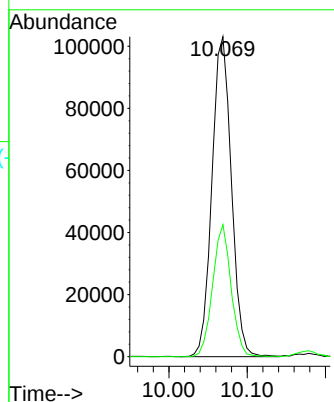
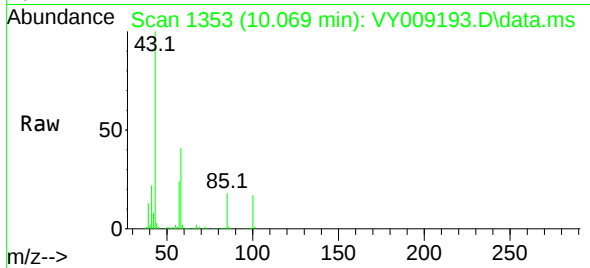




#51
4-Methyl-2-Pentanone
Concen: 110.325 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

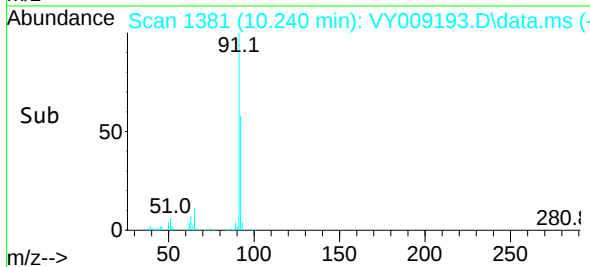
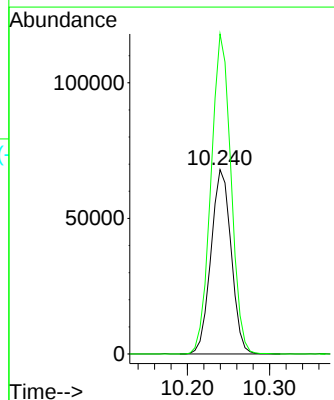
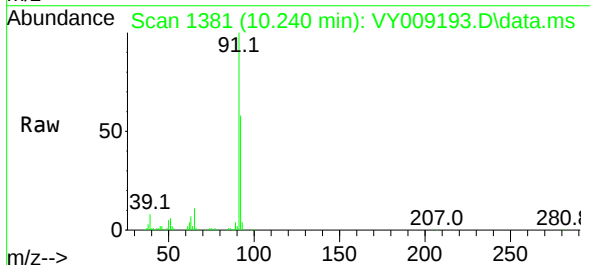
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

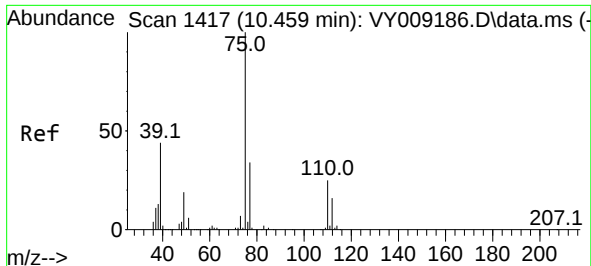
Tgt Ion: 43 Resp: 177686
Ion Ratio Lower Upper
43 100
58 39.2 28.1 42.1



#52
Toluene
Concen: 22.375 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 92 Resp: 116055
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

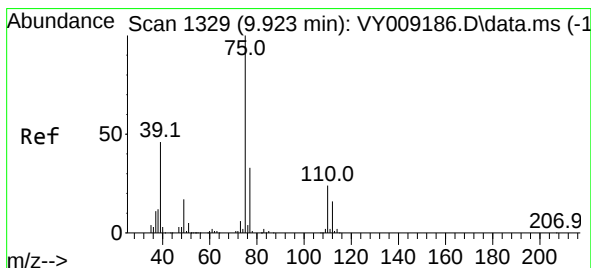
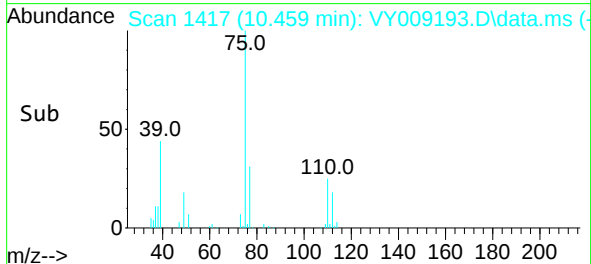
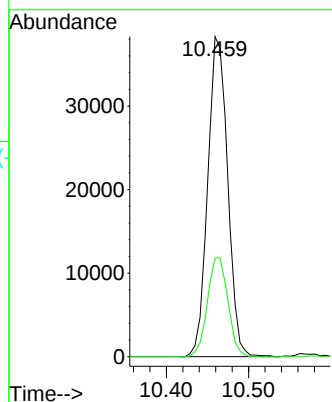
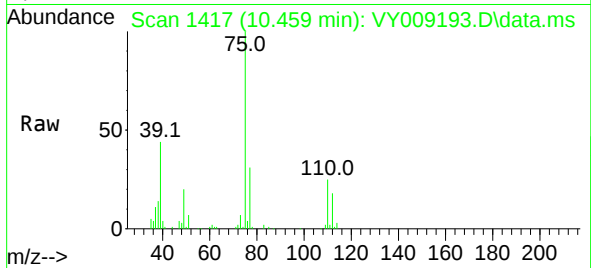




#53
t-1,3-Dichloropropene
Concen: 21.752 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

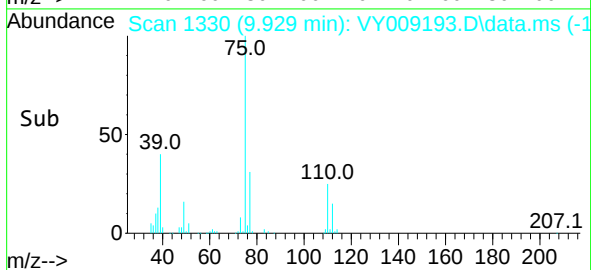
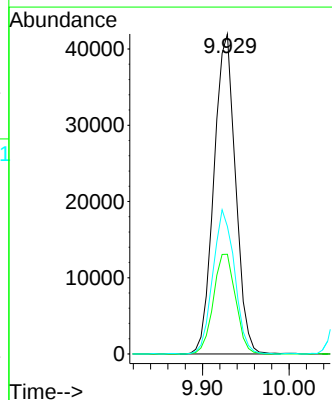
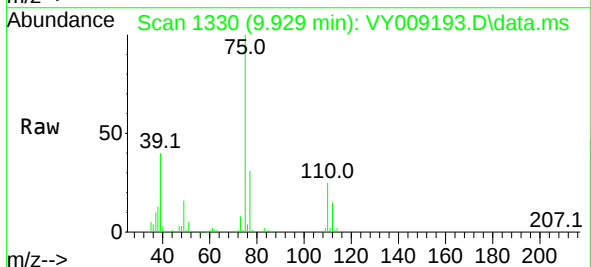
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

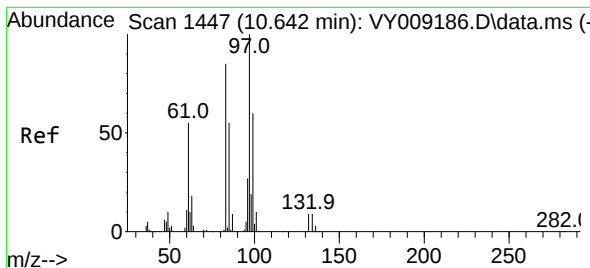
Tgt Ion: 75 Resp: 64414
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.750 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 75 Resp: 72742
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 39.9 47.6 71.4#

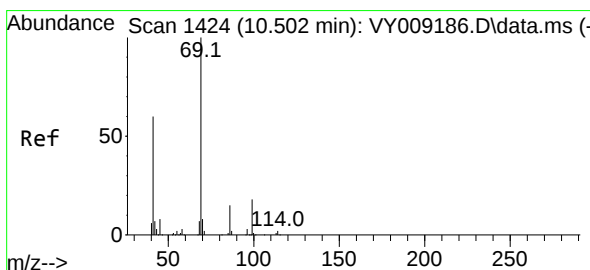
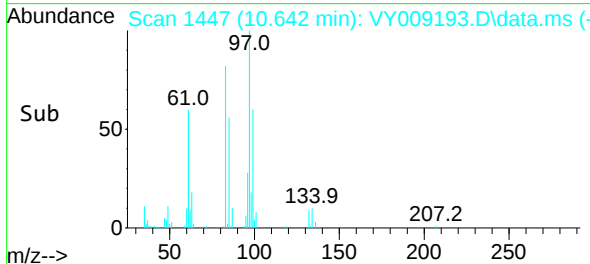
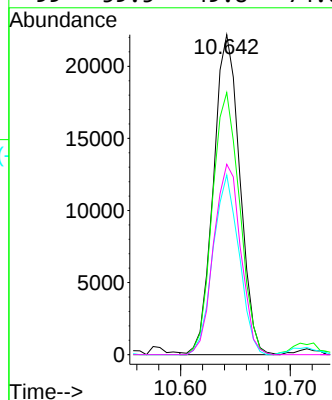
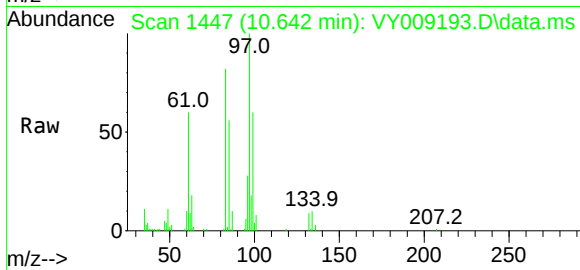




#55
1,1,2-Trichloroethane
Concen: 22.134 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

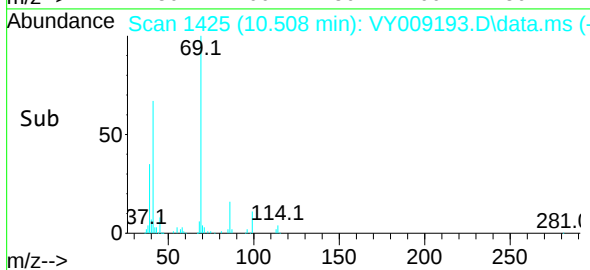
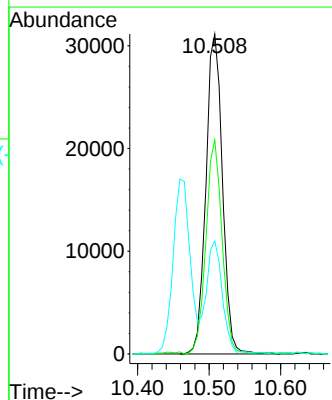
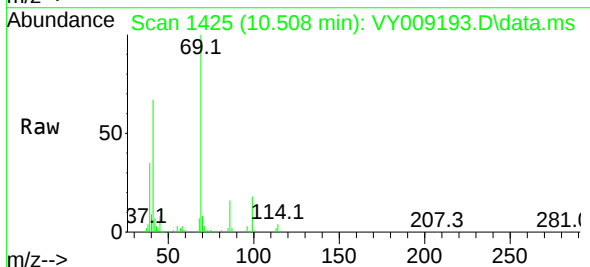
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

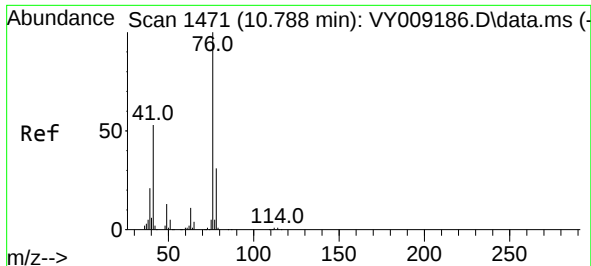
Tgt Ion: 97	Resp: 37101
Ion Ratio	Lower Upper
97 100	
83 81.9	69.8 104.8
85 56.1	44.3 66.5
99 59.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 22.014 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 69	Resp: 50023
Ion Ratio	Lower Upper
69 100	
41 65.2	63.4 95.0
39 35.4	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 21.957 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

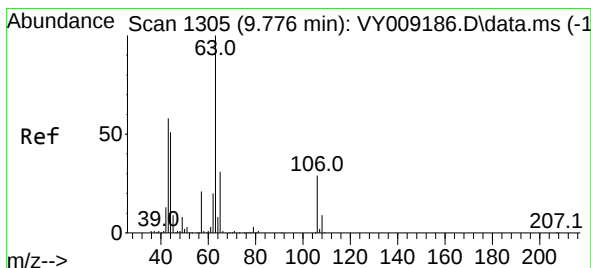
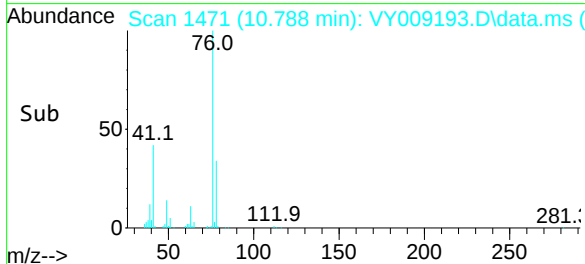
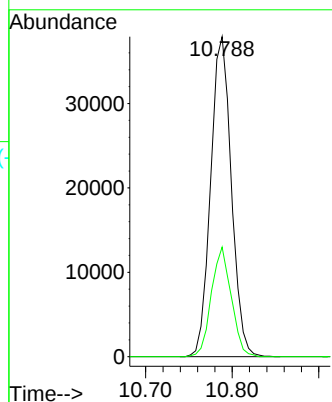
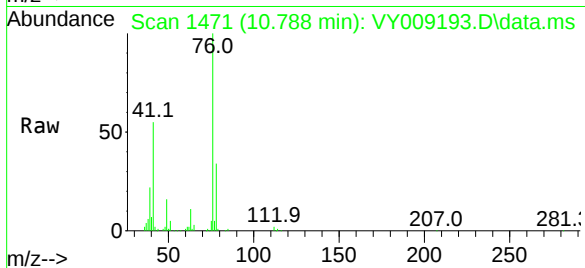
VY0616SBS01

Tgt Ion: 76 Resp: 62873

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.906 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY009193.D

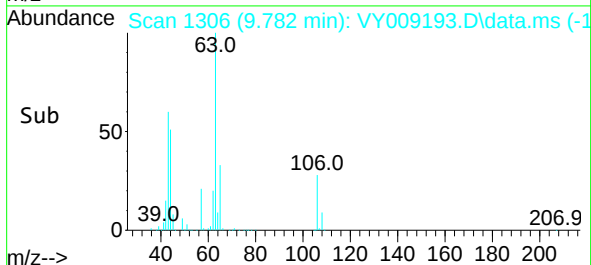
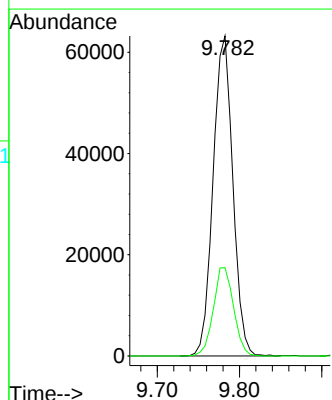
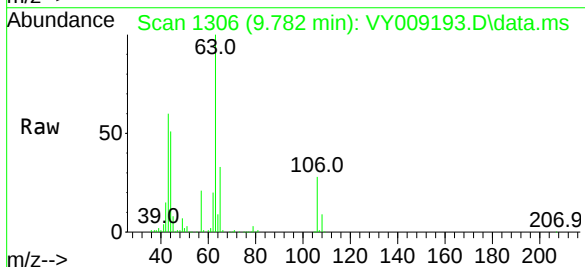
Acq: 16 Jun 2022 11:12

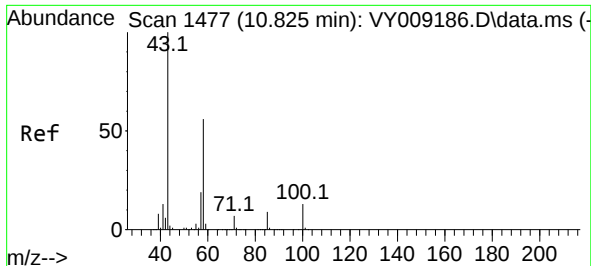
Tgt Ion: 63 Resp: 105299

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

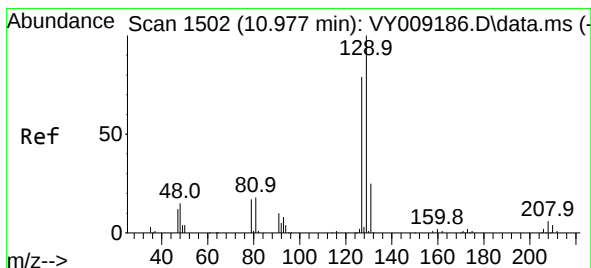
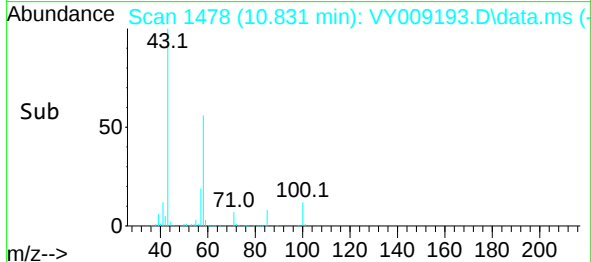
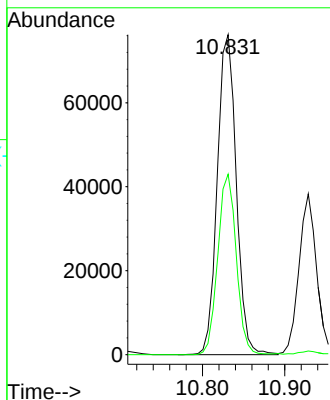
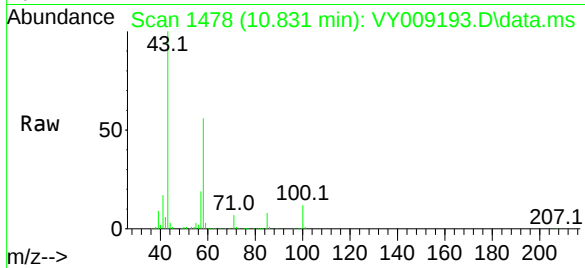




#59
2-Hexanone
Concen: 110.837 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

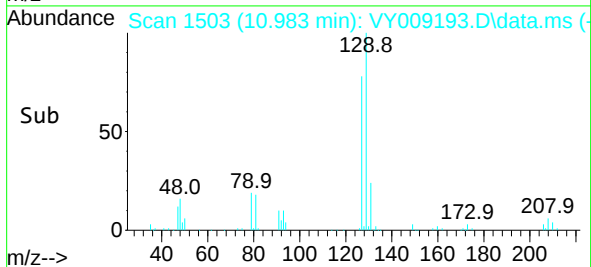
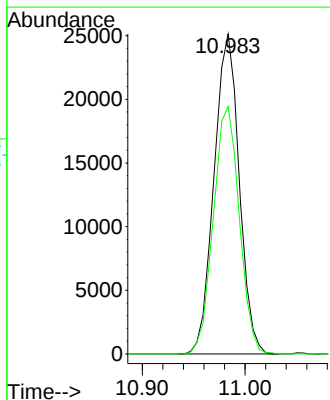
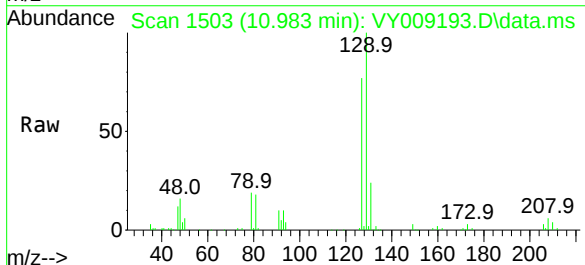
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

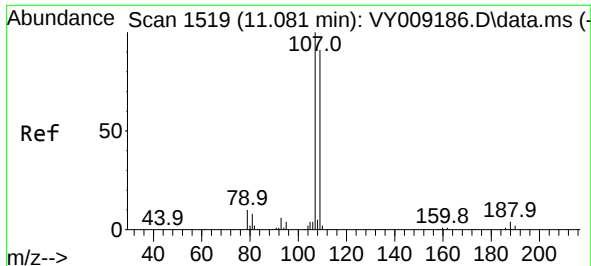
Tgt Ion: 43 Resp: 122462
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4



#60
Dibromochloromethane
Concen: 20.810 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 129 Resp: 42706
Ion Ratio Lower Upper
129 100
127 79.6 38.7 116.1

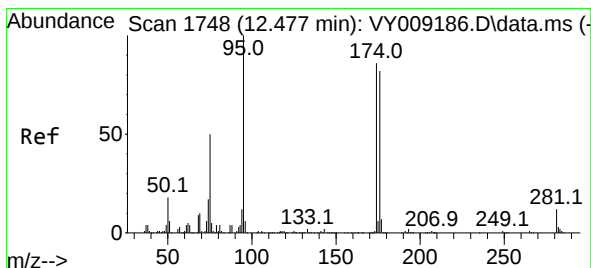
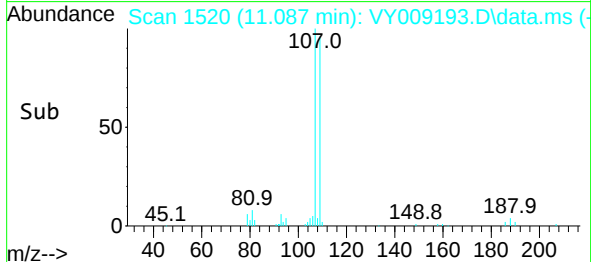
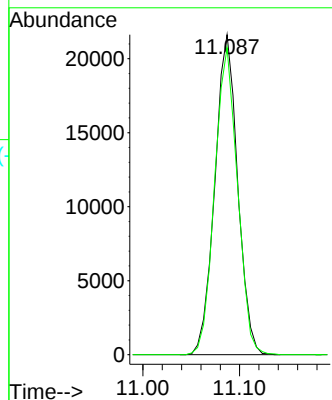
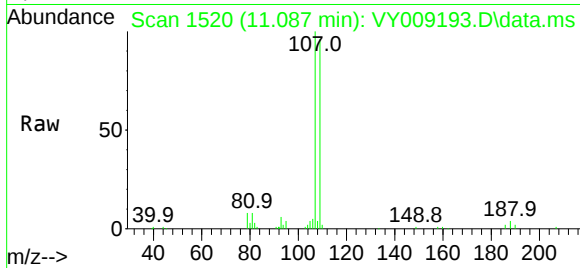




#61
1,2-Dibromoethane
Concen: 21.682 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

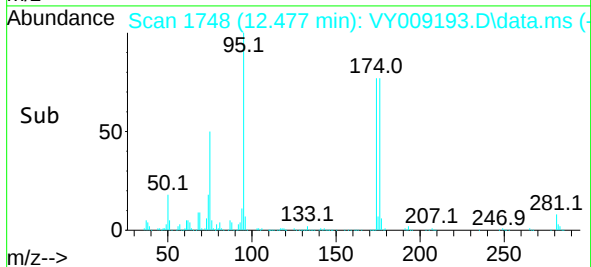
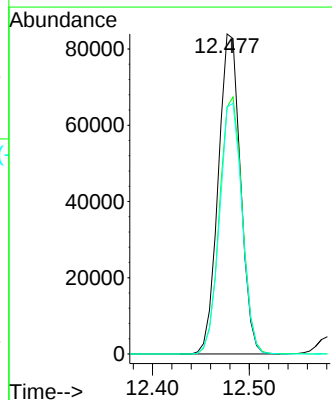
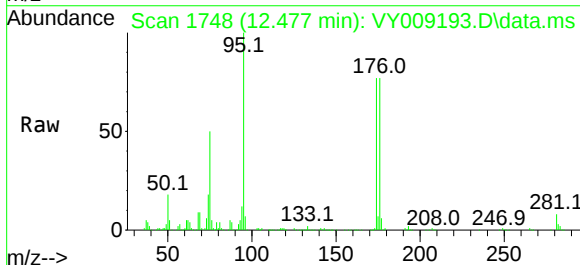
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

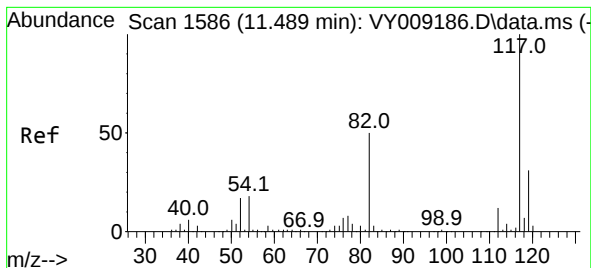
Tgt Ion:107 Resp: 35421
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 95 Resp: 133664
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.5 0.0 175.8

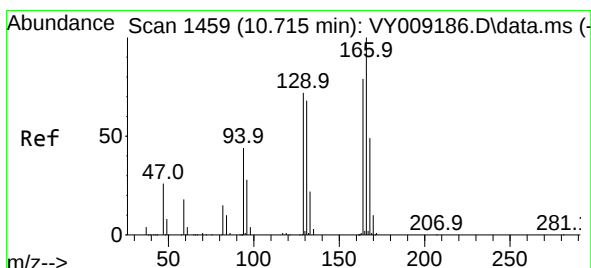
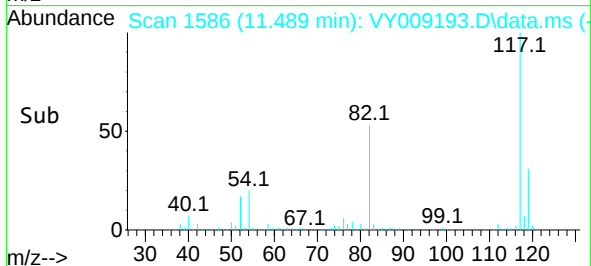
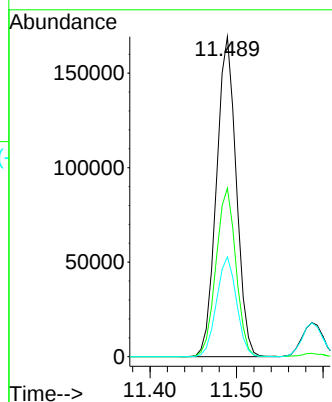
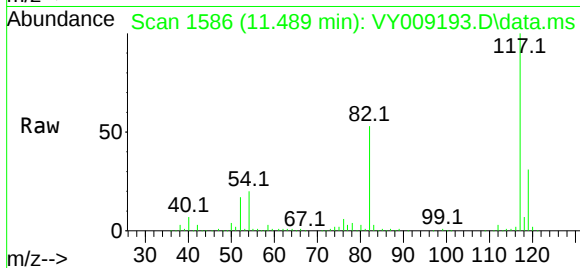




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

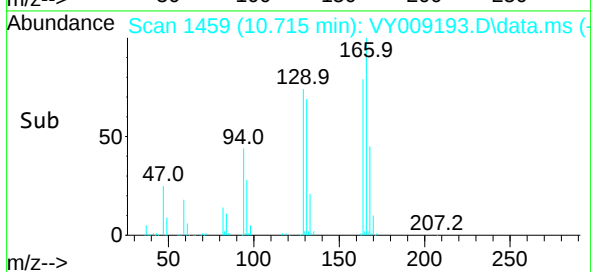
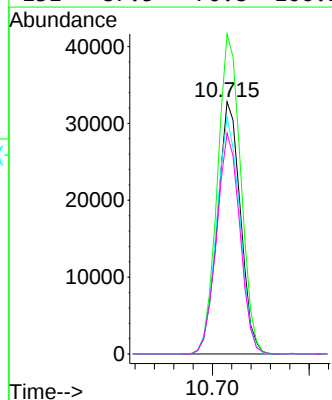
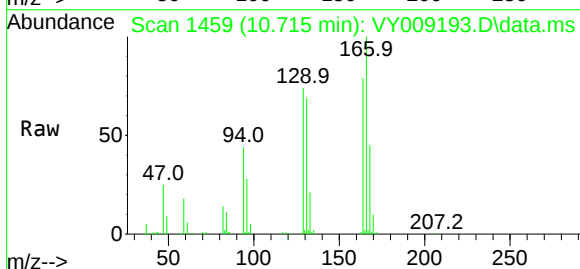
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

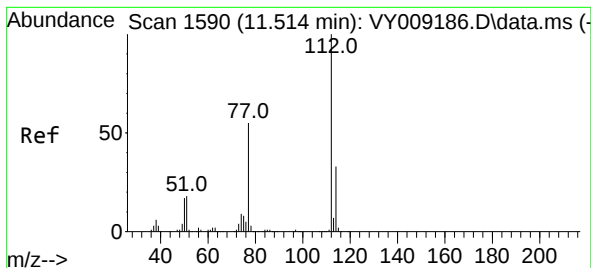
Tgt Ion:117 Resp: 268349
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 21.756 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion:164 Resp: 54087
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 93.8 71.4 107.0
131 87.5 70.8 106.2





#65

Chlorobenzene

Concen: 21.386 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

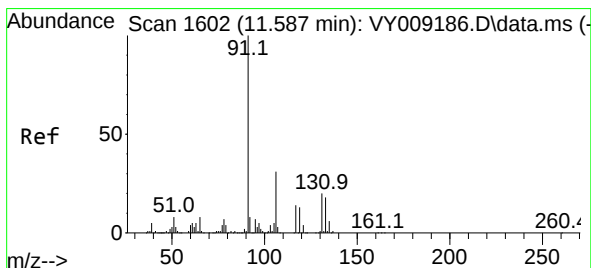
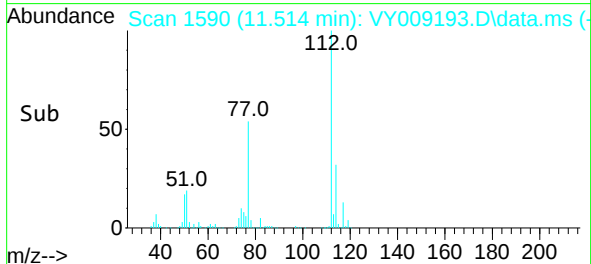
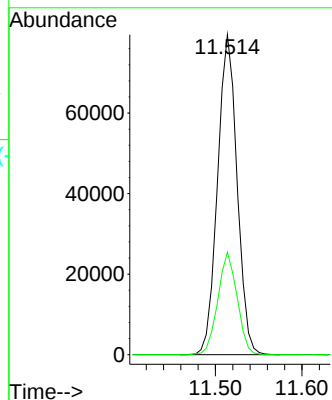
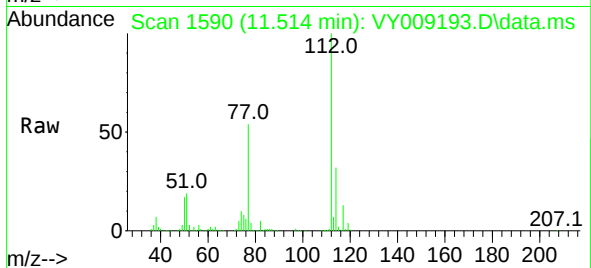
VY0616SBS01

Tgt Ion:112 Resp: 124320

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.971 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

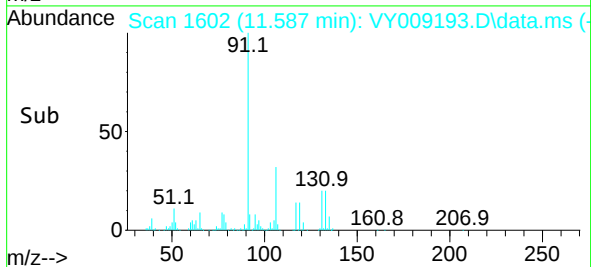
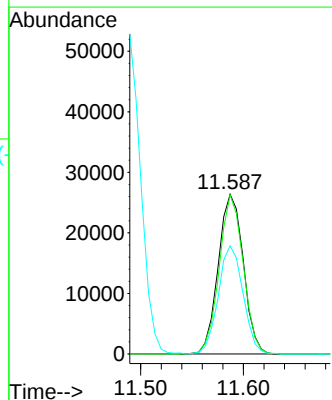
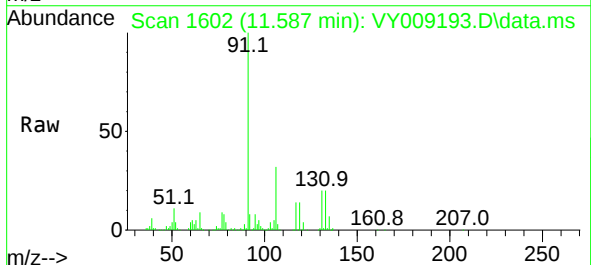
Tgt Ion:131 Resp: 44645

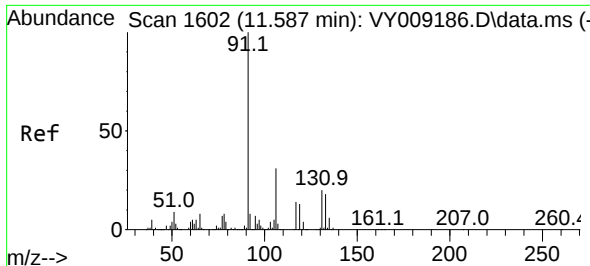
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 66.8 30.8 92.3

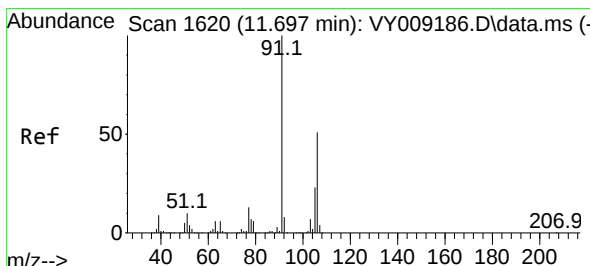
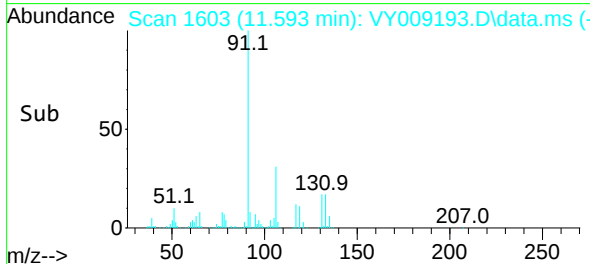
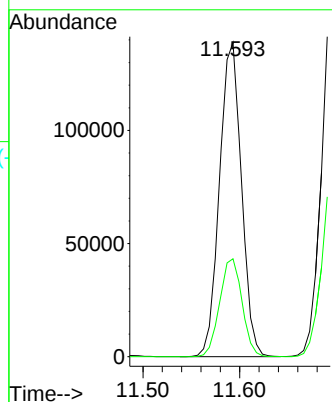
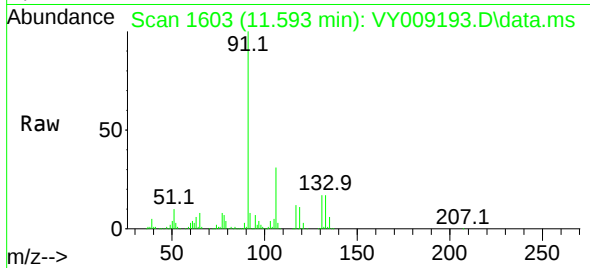




#67
Ethyl Benzene
Concen: 21.528 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

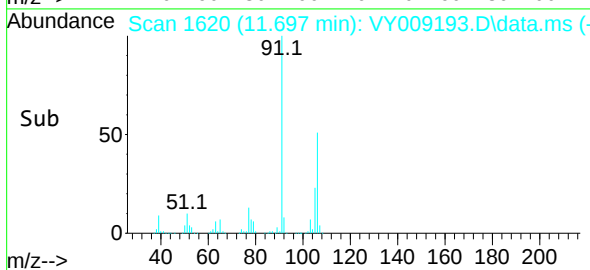
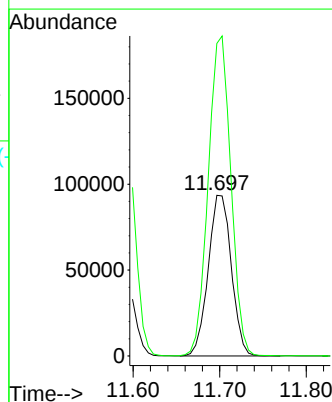
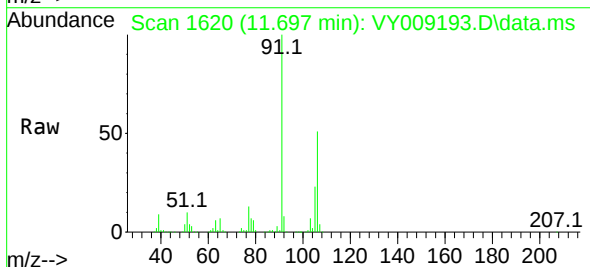
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

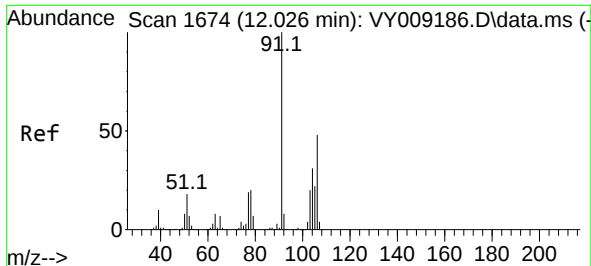
Tgt Ion: 91 Resp: 218375
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 43.402 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion:106 Resp: 173569
Ion Ratio Lower Upper
106 100
91 195.1 166.6 249.8

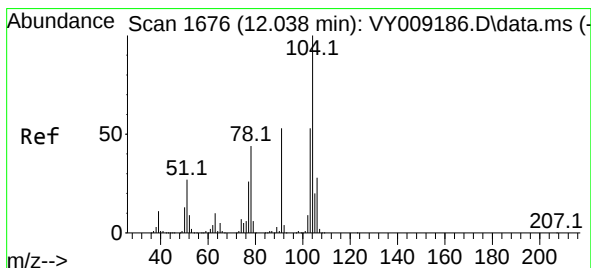
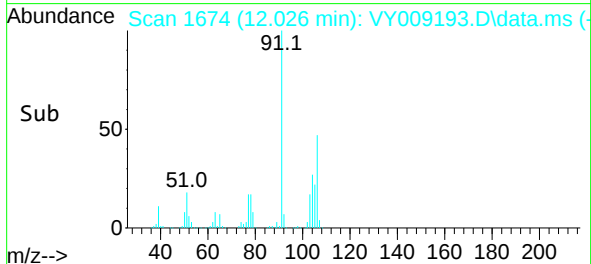
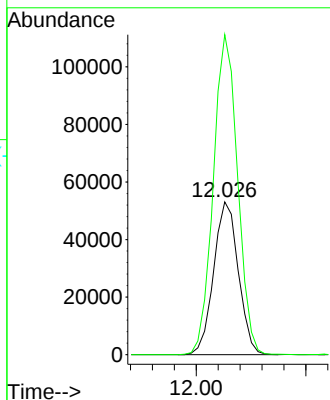
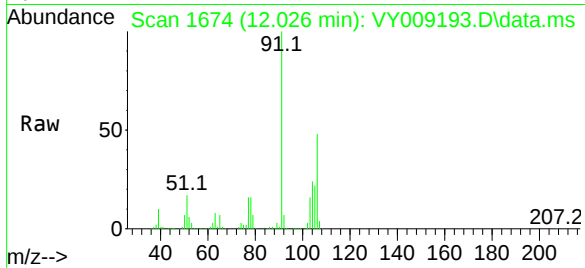




#69
o-Xylene
Concen: 21.900 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

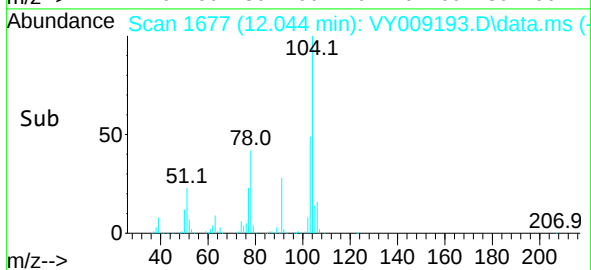
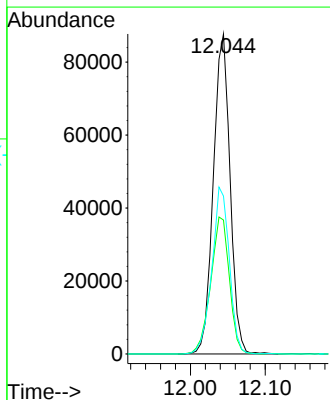
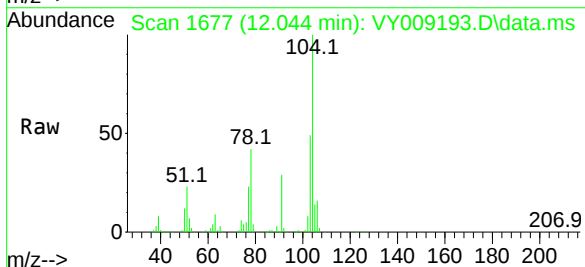
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

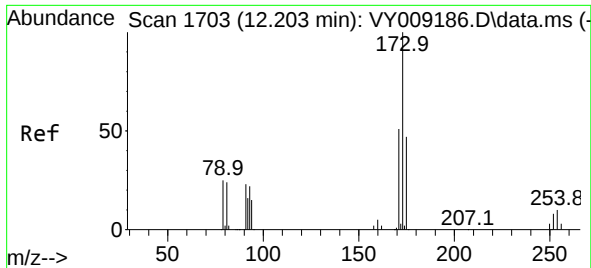
Tgt Ion:106 Resp: 82982
Ion Ratio Lower Upper
106 100
91 206.3 110.3 331.0



#70
Styrene
Concen: 21.494 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion:104 Resp: 136623
Ion Ratio Lower Upper
104 100
78 47.7 42.4 63.6
103 54.5 44.4 66.6

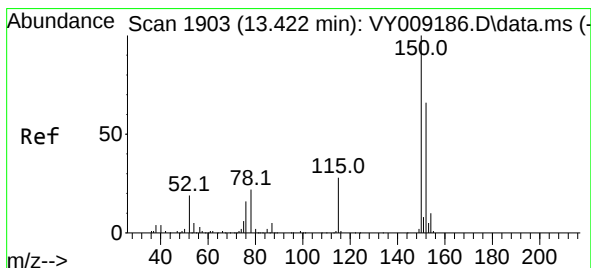
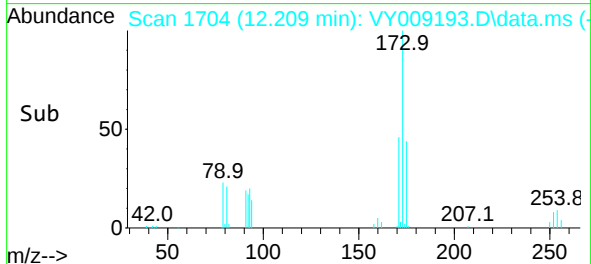
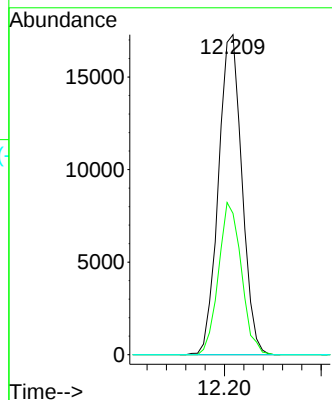
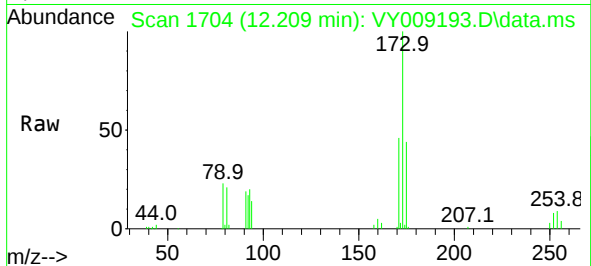




#71
Bromoform
Concen: 21.383 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

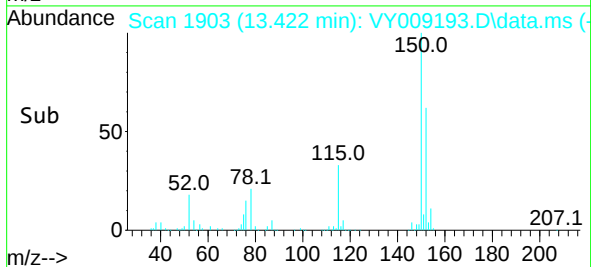
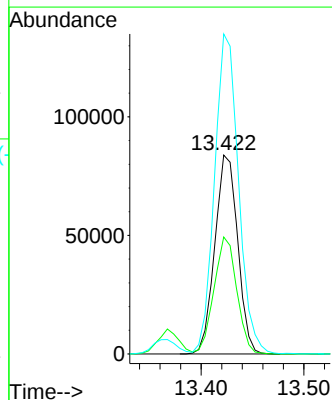
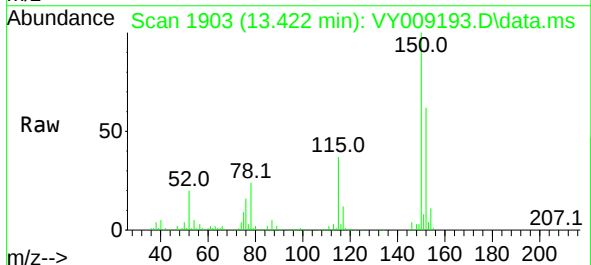
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

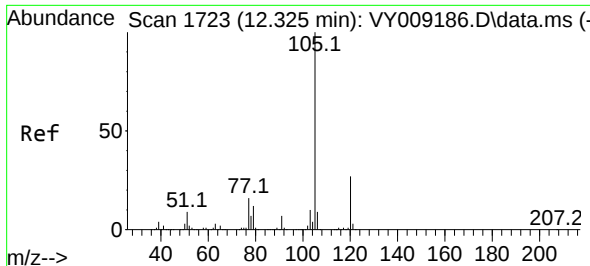
Tgt Ion:173 Resp: 29076
Ion Ratio Lower Upper
173 100
175 46.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion:152 Resp: 129468
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 169.0 0.0 347.6

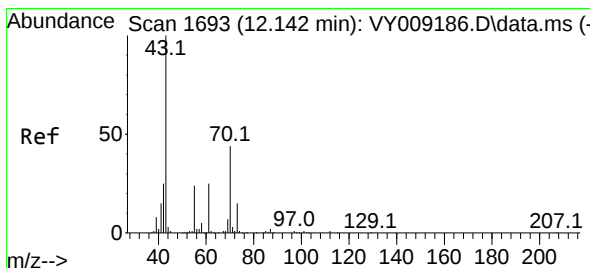
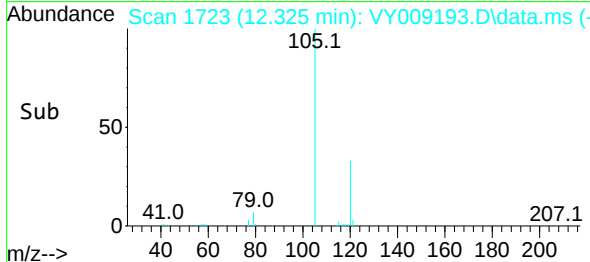
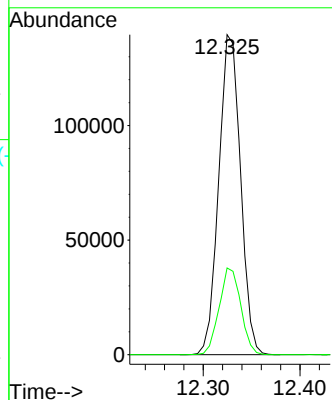
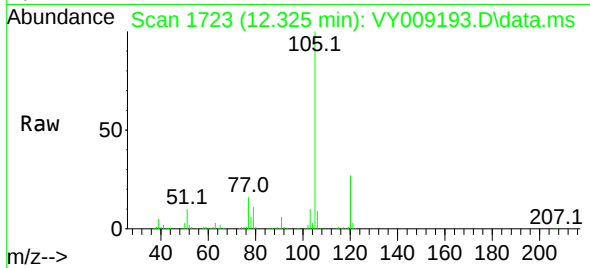




#73
Isopropylbenzene
Concen: 22.384 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

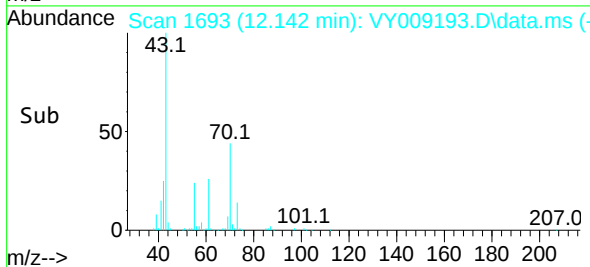
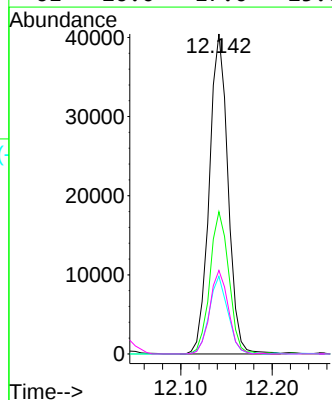
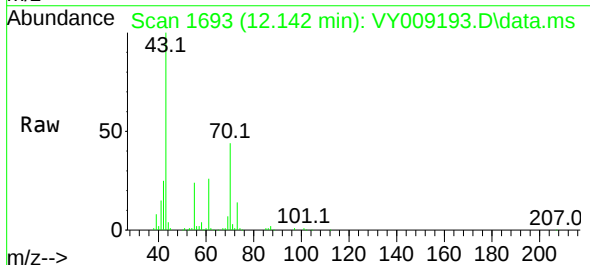
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

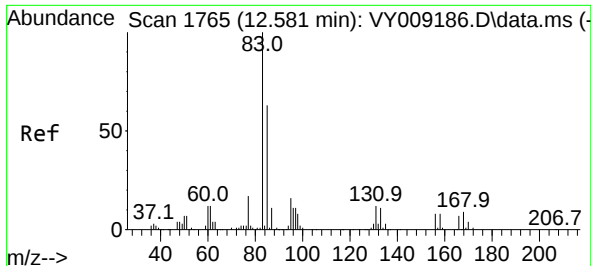
Tgt Ion:105 Resp: 218117
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 21.105 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 43 Resp: 57367
Ion Ratio Lower Upper
43 100
70 45.0 28.7 43.1#
55 24.2 17.3 25.9
61 26.0 17.0 25.6#

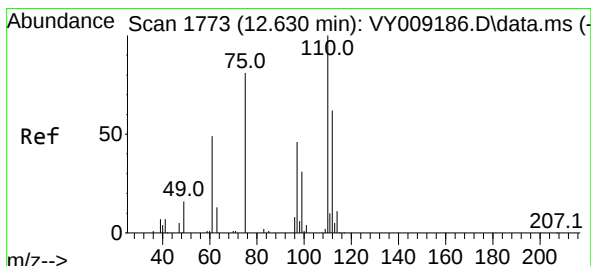
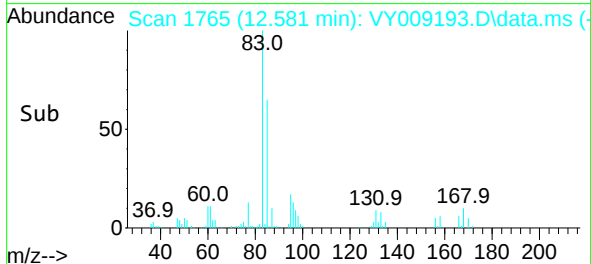
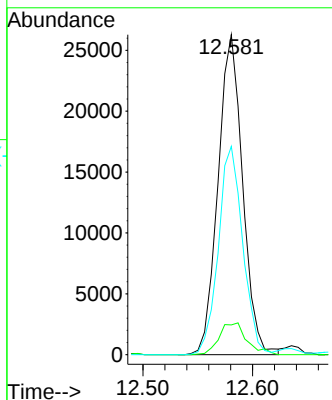
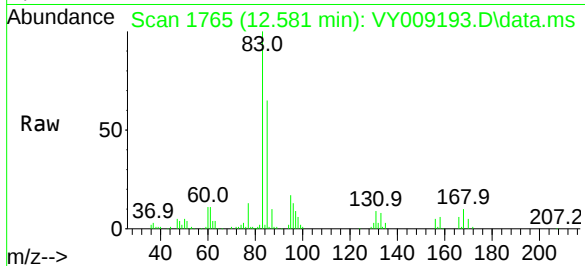




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.278 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

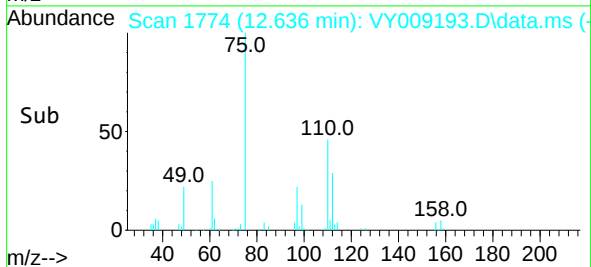
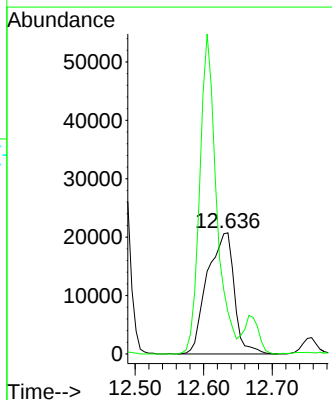
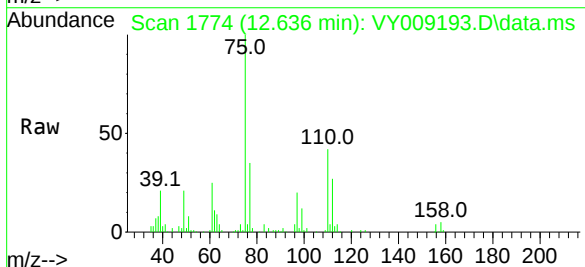
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

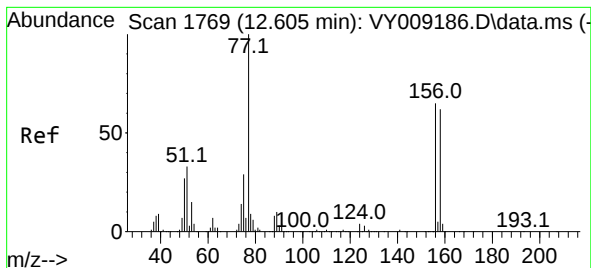
Tgt Ion: 83 Resp: 41037
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 39.685 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY009193.D
 Acq: 16 Jun 2022 11:12

Tgt Ion: 75 Resp: 56732
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.291 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

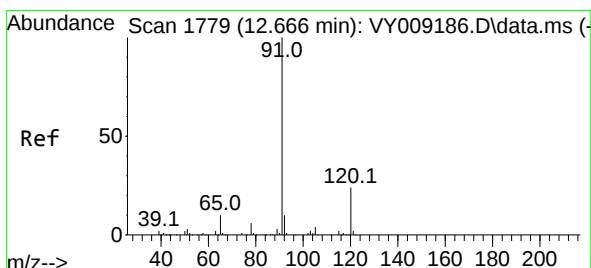
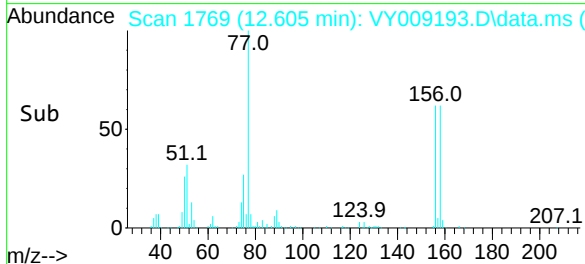
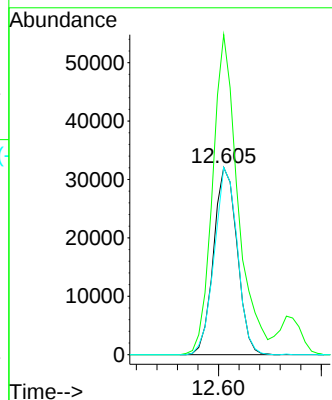
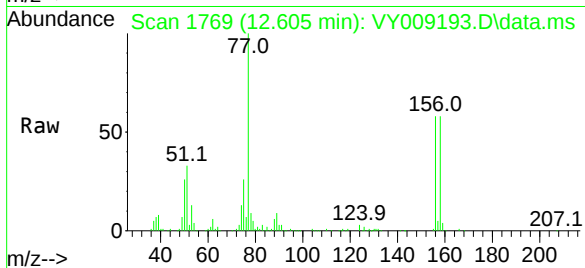
Tgt Ion:156 Resp: 50972

Ion Ratio Lower Upper

156 100

77 183.8 95.5 286.4

158 98.2 48.0 144.0



#78

n-propylbenzene

Concen: 22.124 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009193.D

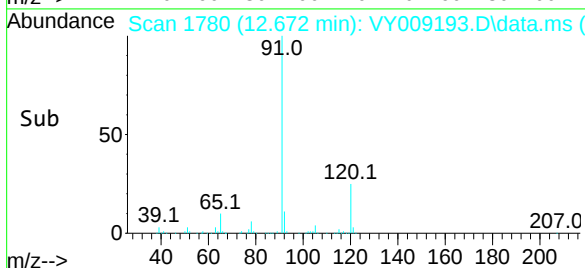
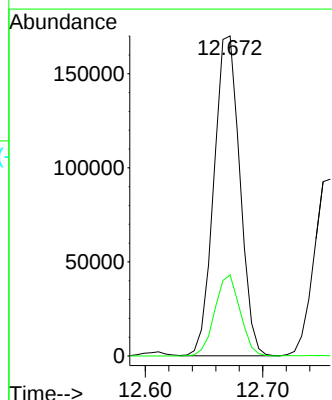
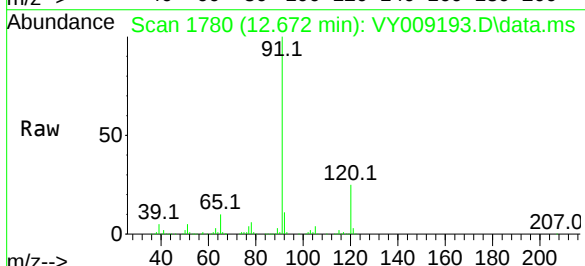
Acq: 16 Jun 2022 11:12

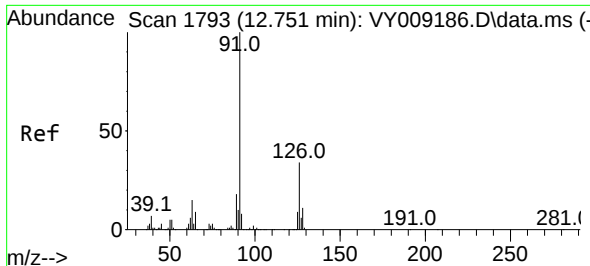
Tgt Ion: 91 Resp: 260846

Ion Ratio Lower Upper

91 100

120 24.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 22.264 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

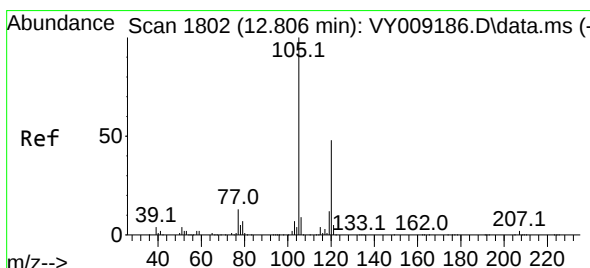
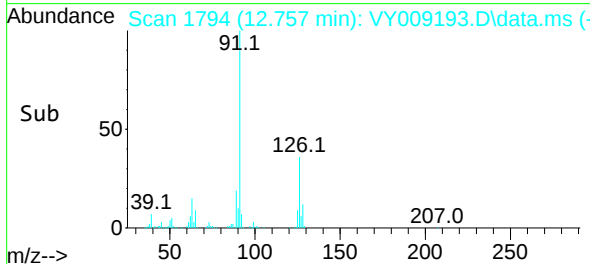
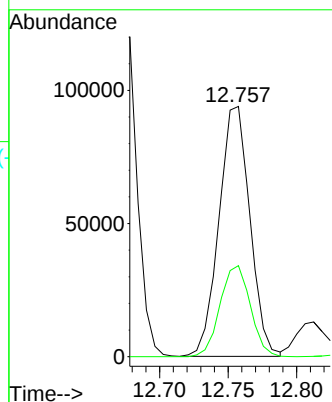
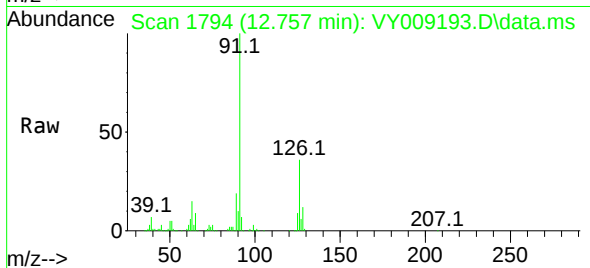
VY0616SBS01

Tgt Ion: 91 Resp: 147897

Ion Ratio Lower Upper

91 100

126 35.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 22.391 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009193.D

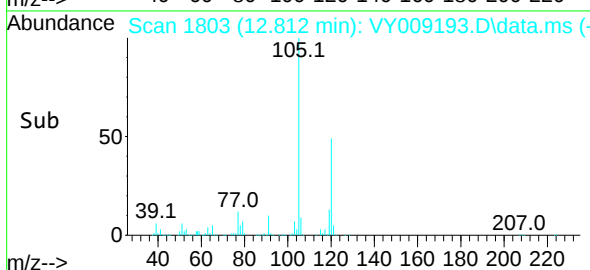
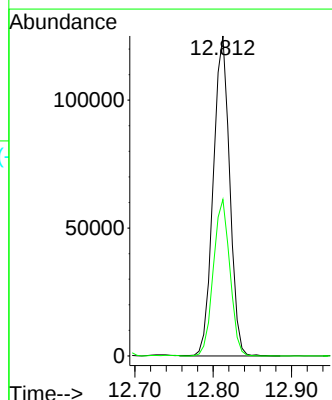
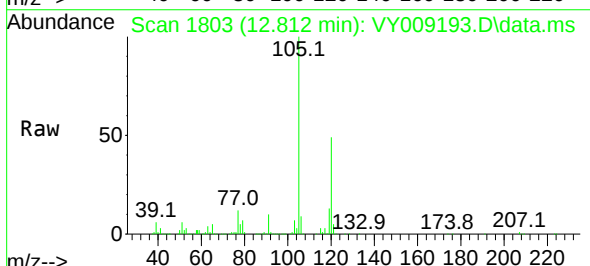
Acq: 16 Jun 2022 11:12

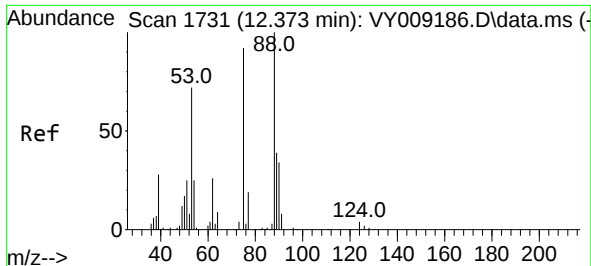
Tgt Ion:105 Resp: 182362

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4

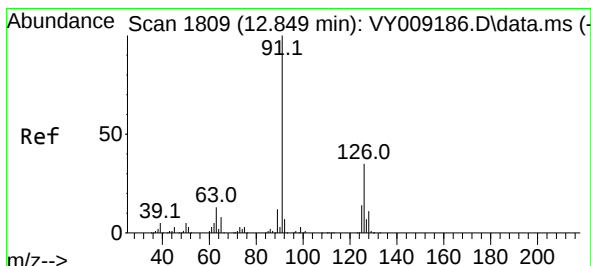
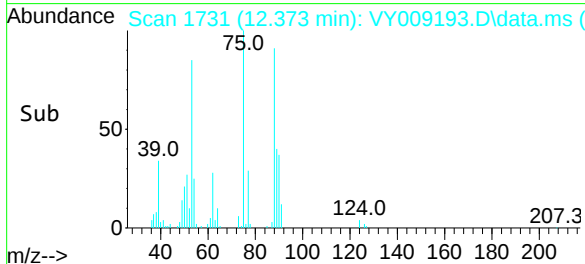
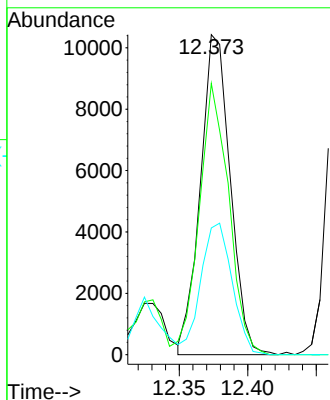
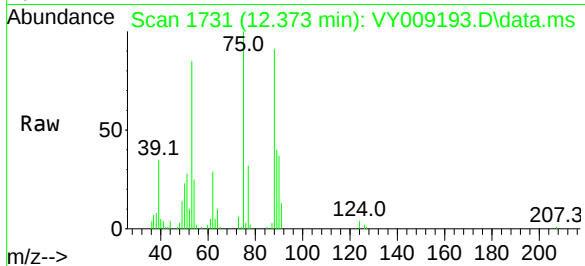




#81
trans-1,4-Dichloro-2-butene
Concen: 22.071 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

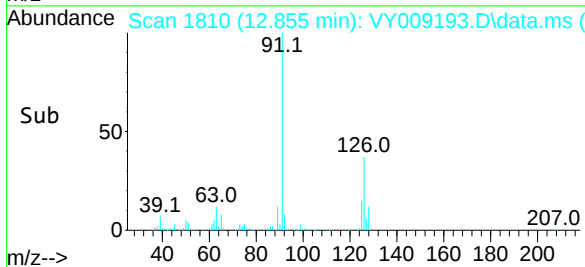
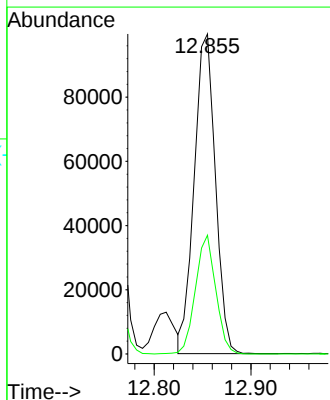
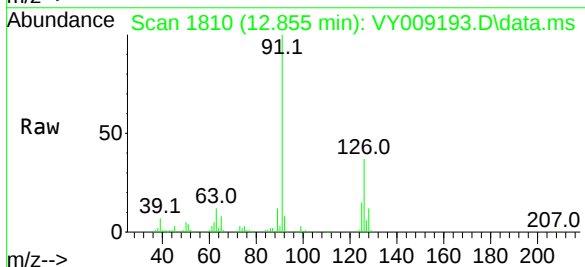
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

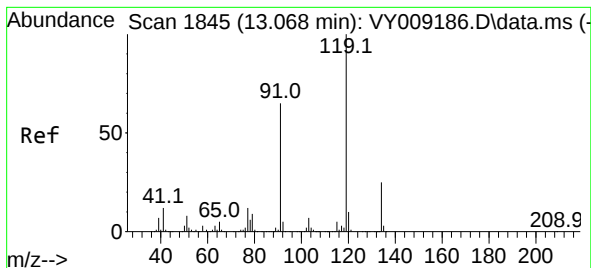
Tgt Ion: 75 Resp: 15832
Ion Ratio Lower Upper
75 100
53 84.0 85.3 127.9#
89 43.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.896 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 91 Resp: 151767
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 21.899 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

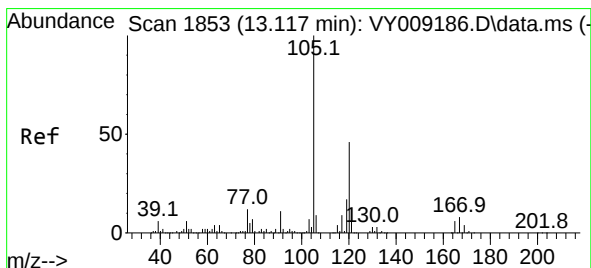
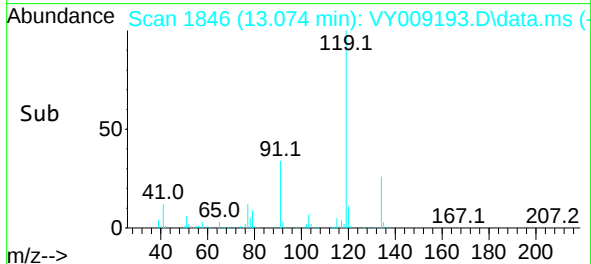
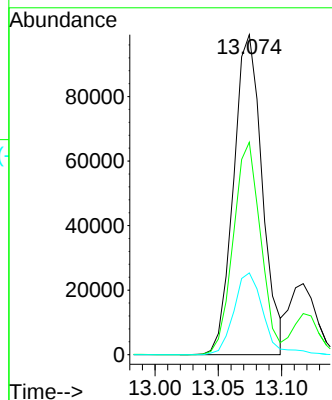
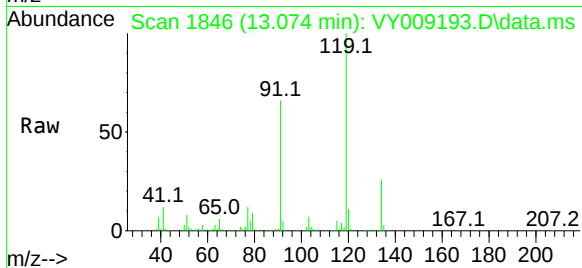
Tgt Ion:119 Resp: 156809

Ion Ratio Lower Upper

119 100

91 63.4 34.8 104.4

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 22.145 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009193.D

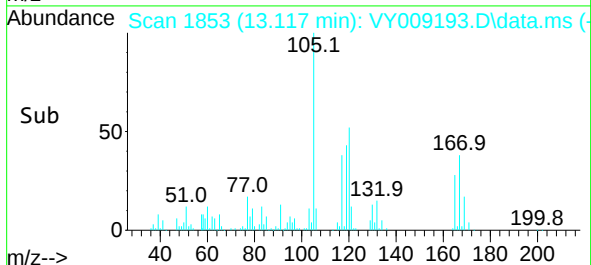
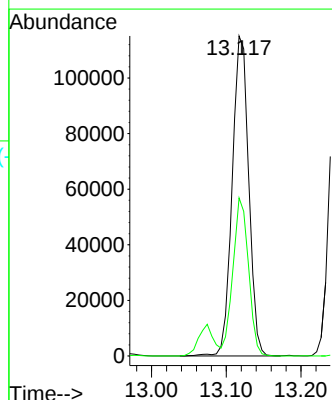
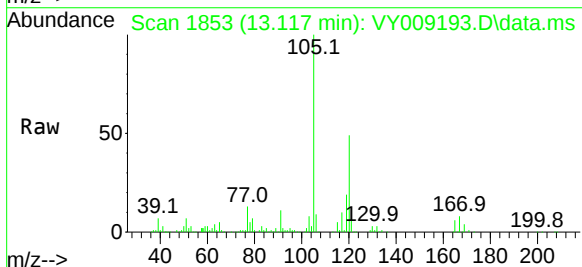
Acq: 16 Jun 2022 11:12

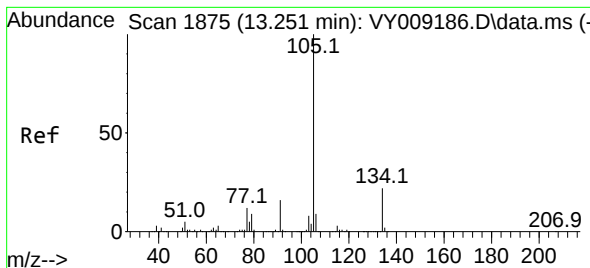
Tgt Ion:105 Resp: 177027

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.309 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

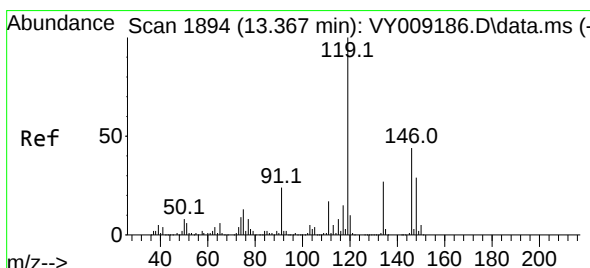
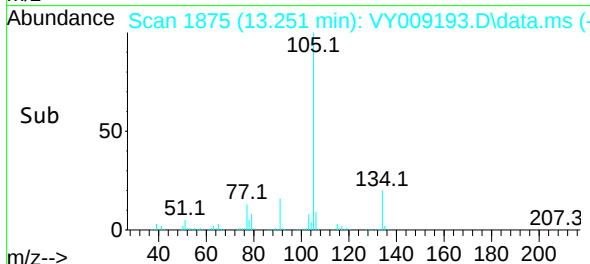
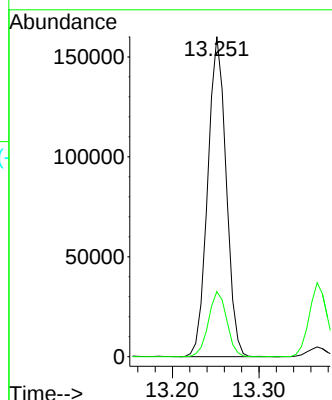
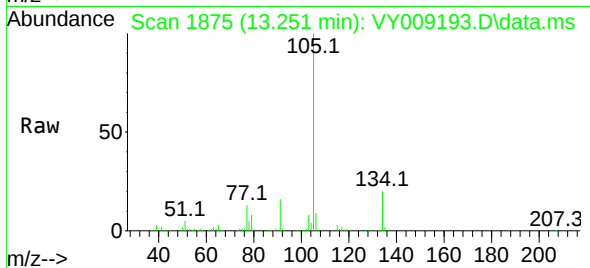
VY0616SBS01

Tgt Ion:105 Resp: 236543

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 22.138 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

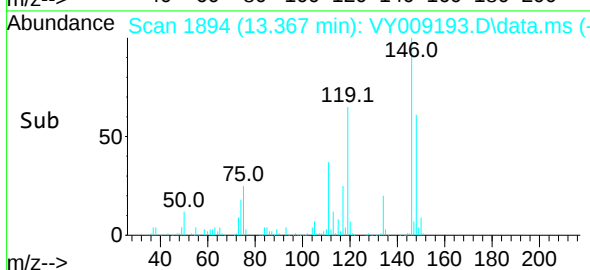
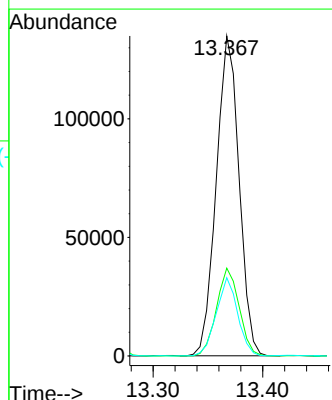
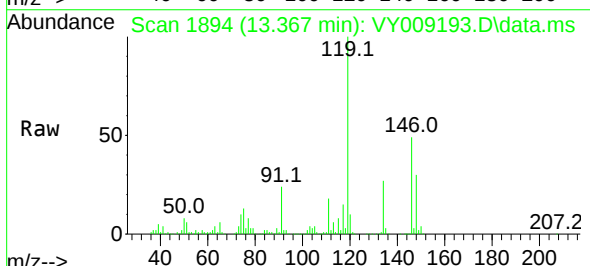
Tgt Ion:119 Resp: 194795

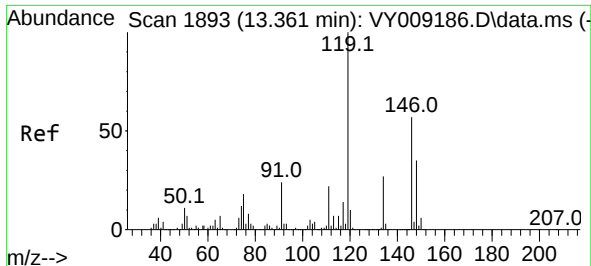
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 22.241 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

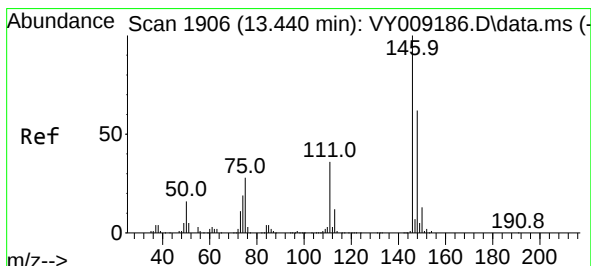
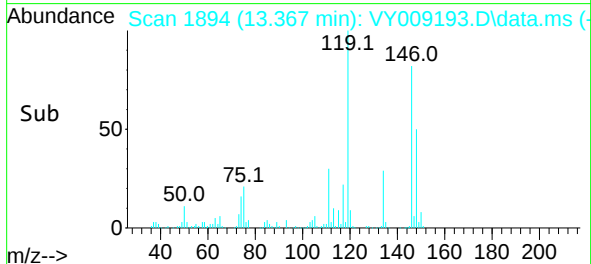
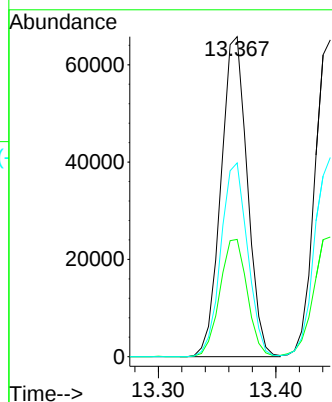
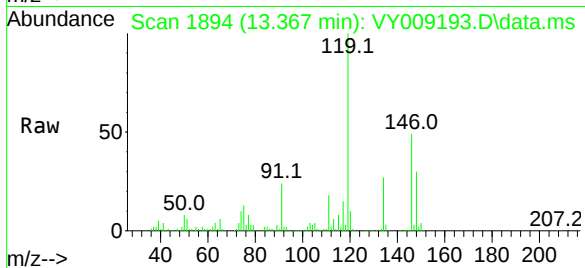
Tgt Ion:146 Resp: 102696

Ion Ratio Lower Upper

146 100

111 38.0 19.5 58.5

148 61.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 21.532 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

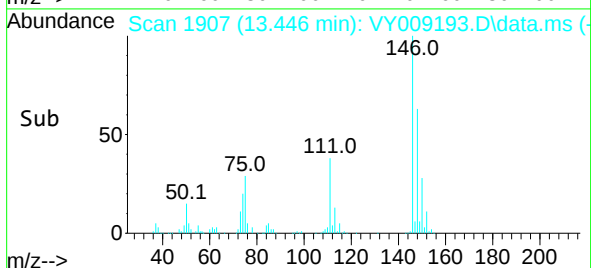
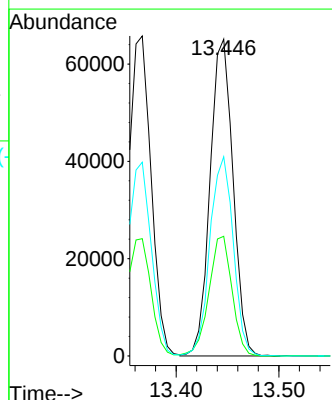
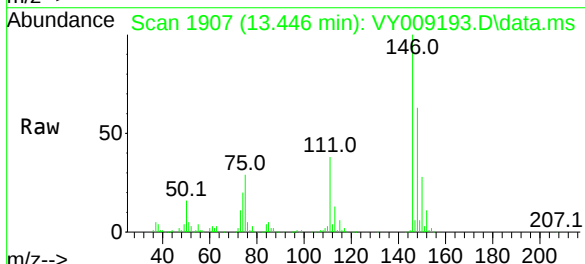
Tgt Ion:146 Resp: 100925

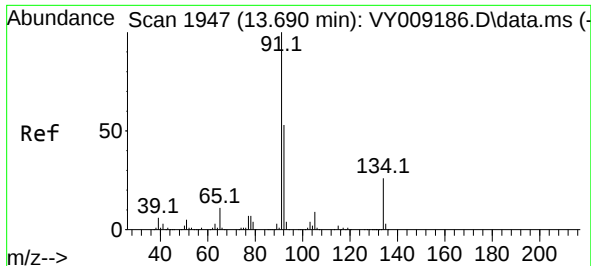
Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.8

148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 22.109 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

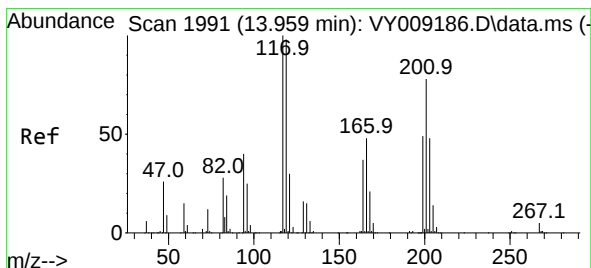
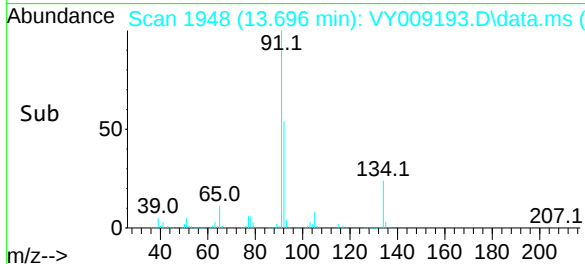
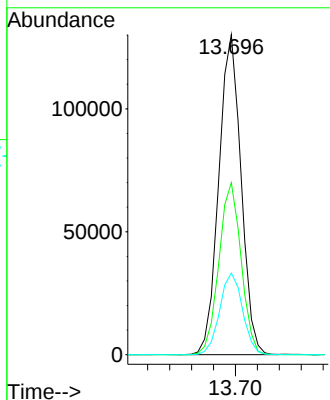
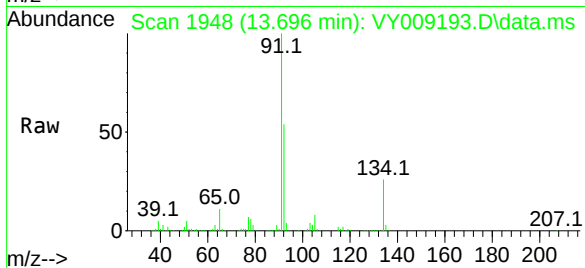
Tgt Ion: 91 Resp: 183958

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 22.080 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009193.D

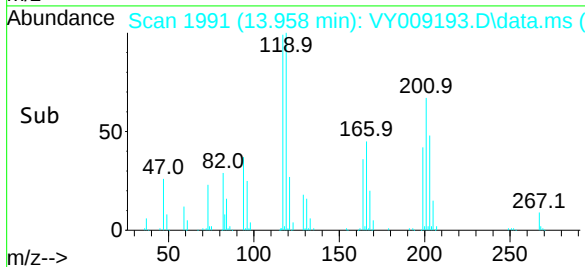
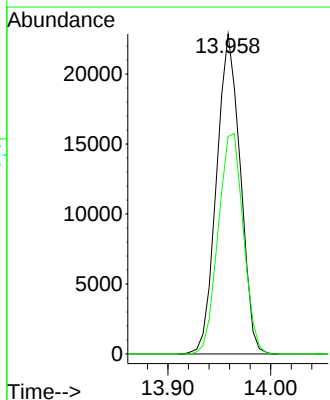
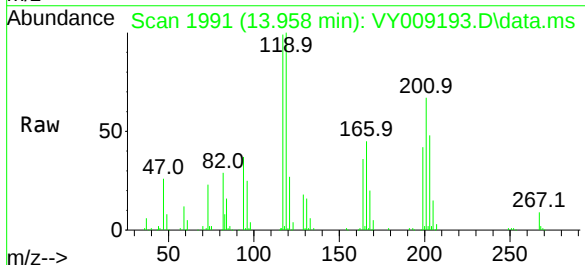
Acq: 16 Jun 2022 11:12

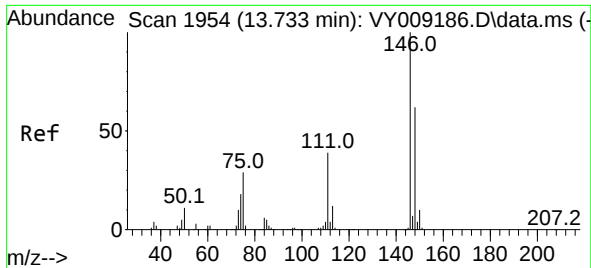
Tgt Ion: 117 Resp: 36634

Ion Ratio Lower Upper

117 100

201 72.9 43.0 128.8

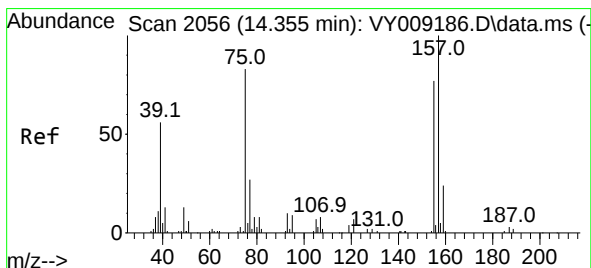
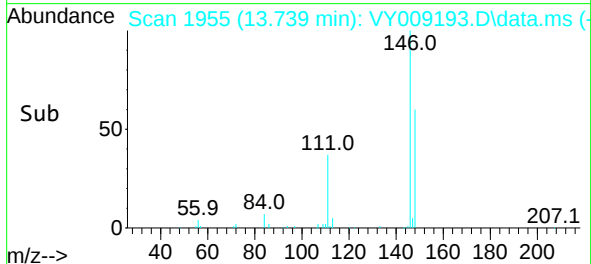
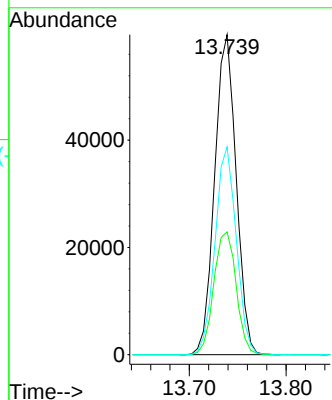
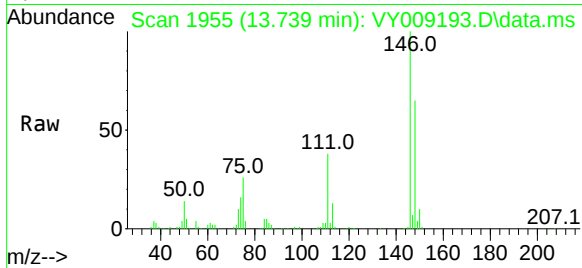




#91
1,2-Dichlorobenzene
Concen: 22.070 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

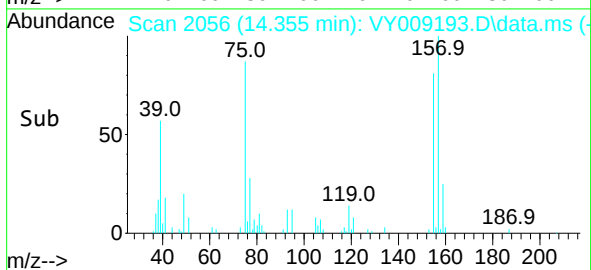
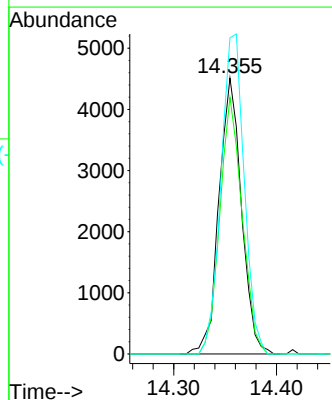
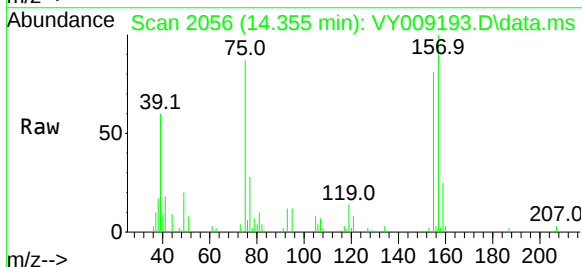
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

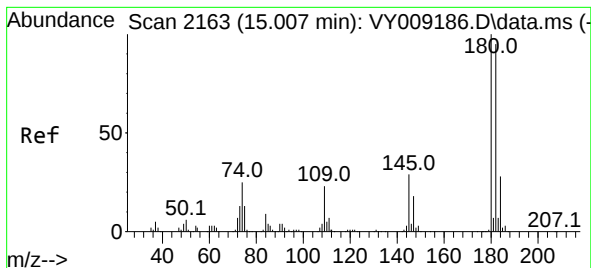
Tgt Ion:146 Resp: 92151
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.682 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009193.D
Acq: 16 Jun 2022 11:12

Tgt Ion: 75 Resp: 6849
Ion Ratio Lower Upper
75 100
155 91.8 38.0 113.9
157 119.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 21.502 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

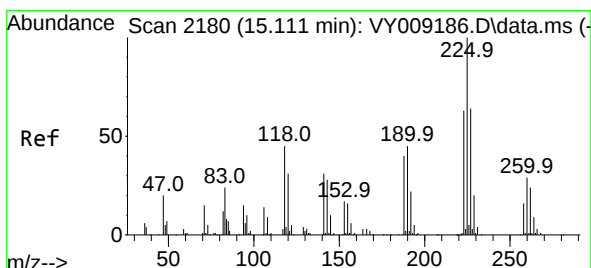
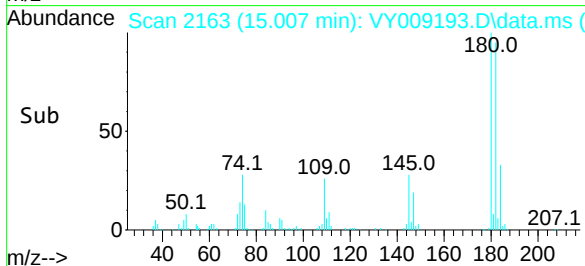
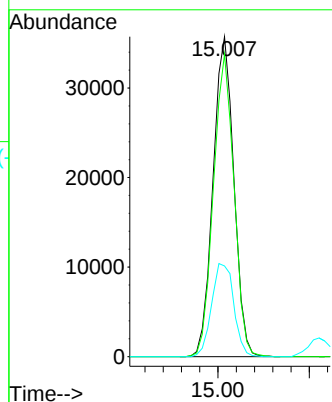
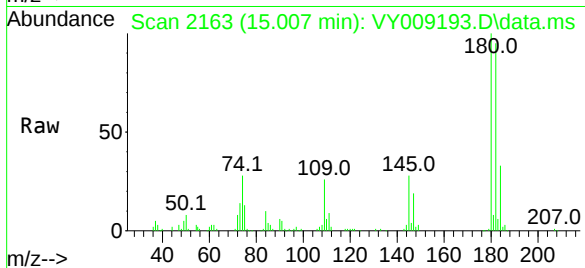
Tgt Ion:180 Resp: 56447

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.577 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

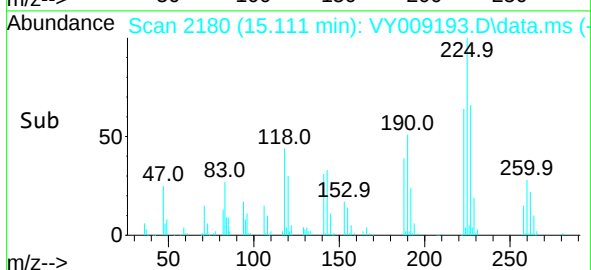
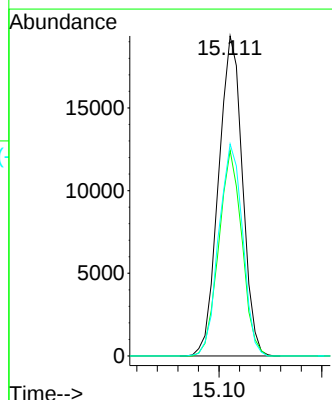
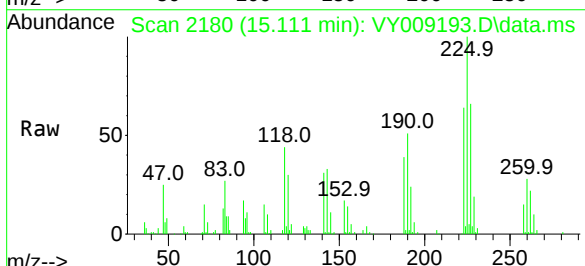
Tgt Ion:225 Resp: 31133

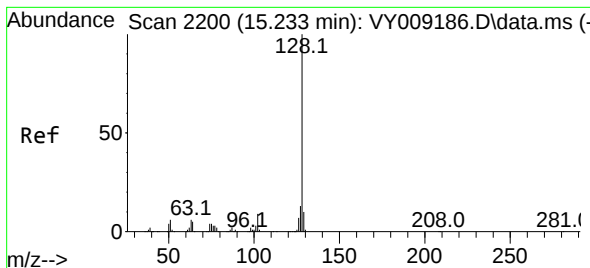
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 66.2 31.6 94.7





#95

Naphthalene

Concen: 21.071 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

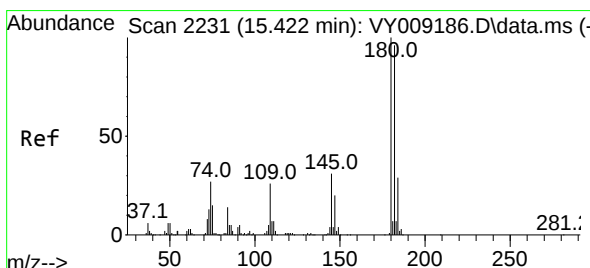
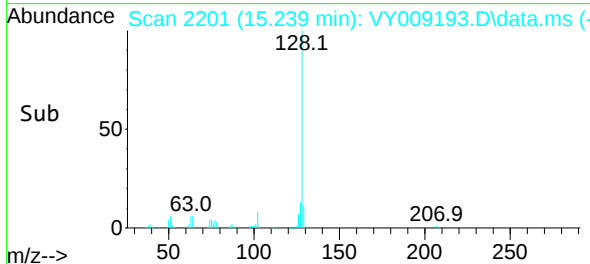
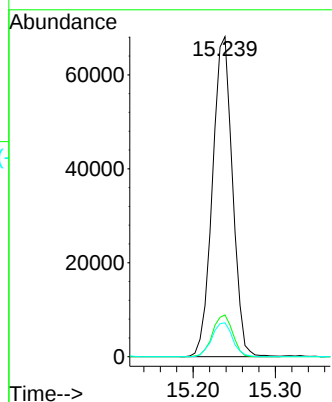
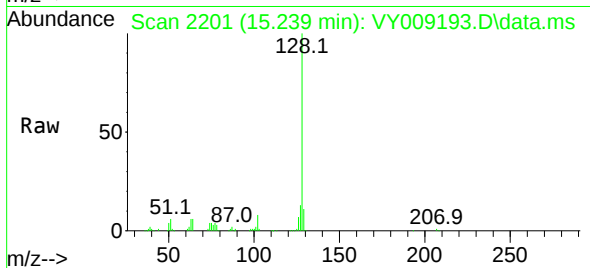
Tgt Ion:128 Resp: 115374

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 21.965 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009193.D

Acq: 16 Jun 2022 11:12

Tgt Ion:180 Resp: 50751

Ion Ratio Lower Upper

180 100

182 92.3 47.3 141.9

145 32.0 15.3 45.9

