

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008745.D
 Acq On : 13 May 2022 13:40
 Operator : KP/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Quant Time: May 16 05:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89797	50.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.780%
35) Dibromofluoromethane	7.716	113	87881	48.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.179	98	305588	44.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.483	95	107528	45.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34647	24.580	ug/l	94
3) Chloromethane	2.113	50	63473	21.577	ug/l	97
4) Vinyl Chloride	2.247	62	82928	20.767	ug/l	97
5) Bromomethane	2.637	94	81924	21.862	ug/l	99
6) Chloroethane	2.790	64	58288	21.288	ug/l	97
7) Trichlorofluoromethane	3.125	101	69095	22.519	ug/l	91
8) Diethyl Ether	3.521	74	21893	23.148	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	40271	22.170	ug/l	98
10) Methyl Iodide	4.088	142	39479	22.544	ug/l	98
11) Tert butyl alcohol	4.954	59	25656	62.426	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	37380	22.470	ug/l	99
13) Acrolein	3.729	56	16825	148.421	ug/l	92
14) Allyl chloride	4.472	41	51195	21.783	ug/l	98
15) Acrylonitrile	5.155	53	56322	116.472	ug/l	99
16) Acetone	3.942	43	41212	101.870	ug/l	99
17) Carbon Disulfide	4.192	76	108055	22.833	ug/l	95
18) Methyl Acetate	4.466	43	29201	22.523	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	110460	22.400	ug/l	100
20) Methylene Chloride	4.716	84	61082	25.228	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	44092	21.763	ug/l	96
22) Diisopropyl ether	6.118	45	119821	21.868	ug/l	99
23) Vinyl Acetate	6.057	43	396980	121.537	ug/l	97
24) 1,1-Dichloroethane	6.015	63	75112	21.682	ug/l	96
25) 2-Butanone	6.984	43	72072	115.152	ug/l	97
26) 2,2-Dichloropropane	6.984	77	70031	21.268	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	50652	21.939	ug/l	98
28) Bromochloromethane	7.332	49	27103	19.605	ug/l	98
29) Tetrahydrofuran	7.350	42	45961	113.872	ug/l	99
30) Chloroform	7.502	83	79822	21.617	ug/l	98
31) Cyclohexane	7.783	56	67584	21.221	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	72774	21.781	ug/l	97
36) 1,1-Dichloropropene	7.917	75	61668	21.330	ug/l	98
37) Ethyl Acetate	7.069	43	32461	22.188	ug/l	96
38) Carbon Tetrachloride	7.899	117	64517	21.148	ug/l	97
39) Methylcyclohexane	9.179	83	76279	20.753	ug/l	97
40) Benzene	8.161	78	175807	20.924	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	27619	38.915	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	53594	22.542	ug/l	100
43) Isopropyl Acetate	8.270	43	62519	22.675	ug/l	98
44) Trichloroethene	8.941	130	47493	21.167	ug/l	91
45) 1,2-Dichloropropane	9.215	63	43756	21.570	ug/l	98
46) Dibromomethane	9.307	93	27681	21.504	ug/l	97
47) Bromodichloromethane	9.496	83	63405	21.256	ug/l	96
48) Methyl methacrylate	9.295	41	27878	23.604	ug/l	93
49) 1,4-Dioxane	9.295	88	7840	486.209	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	170633	115.415	ug/l	98
52) Toluene	10.240	92	114975	20.569	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	64755	21.057	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	72905	21.218	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	38399	21.758	ug/l	99
56) Ethyl methacrylate	10.508	69	49627	21.847	ug/l	97
57) 1,3-Dichloropropane	10.788	76	63817	22.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	121062	101.765	ug/l	100
59) 2-Hexanone	10.831	43	115854	116.283	ug/l	96
60) Dibromochloromethane	10.983	129	45416	21.508	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37525	22.104	ug/l	96
64) Tetrachloroethene	10.721	164	43331	20.660	ug/l	96
65) Chlorobenzene	11.514	112	122784	20.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44764	20.295	ug/l	97
67) Ethyl Benzene	11.593	91	217230	20.369	ug/l	98
68) m/p-Xylenes	11.703	106	172901	40.658	ug/l	99
69) o-Xylene	12.032	106	79065	19.772	ug/l	98
70) Styrene	12.044	104	133009	19.980	ug/l	98
71) Bromoform	12.209	173	26795	20.642	ug/l #	97
73) Isopropylbenzene	12.331	105	210195	20.473	ug/l	100
74) N-amyl acetate	12.142	43	53223	22.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	46047	21.834	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	58351	42.726	ug/l #	100
77) Bromobenzene	12.611	156	49251	21.187	ug/l	98
78) n-propylbenzene	12.672	91	256313	20.612	ug/l	100
79) 2-Chlorotoluene	12.757	91	138718	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	172928	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15771	22.309	ug/l	99
82) 4-Chlorotoluene	12.855	91	146917	20.842	ug/l	100
83) tert-Butylbenzene	13.075	119	149846	20.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	174728	20.999	ug/l	99
85) sec-Butylbenzene	13.251	105	232836	20.631	ug/l	100
86) p-Isopropyltoluene	13.367	119	187967	19.954	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97126	20.111	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98547	20.791	ug/l	99
89) n-Butylbenzene	13.696	91	178520	20.263	ug/l	99
90) Hexachloroethane	13.958	117	36483	20.994	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	85993	20.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6958	22.223	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	47707	20.538	ug/l	98
94) Hexachlorobutadiene	15.111	225	24355	19.915	ug/l	98
95) Naphthalene	15.239	128	103236	20.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41649	20.251	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
Response via : Initial Calibration

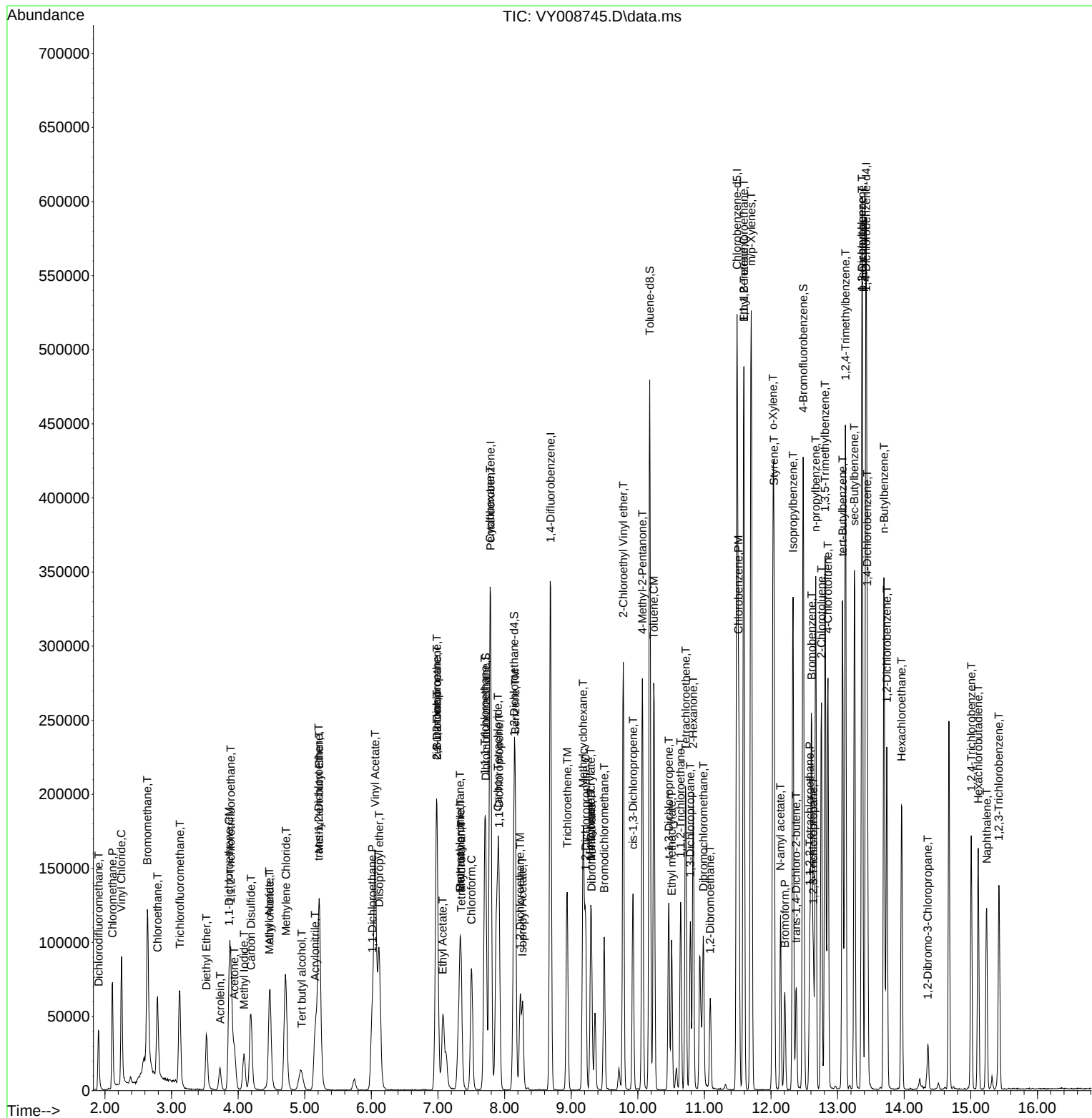
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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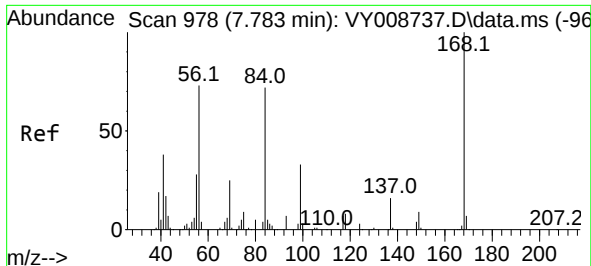
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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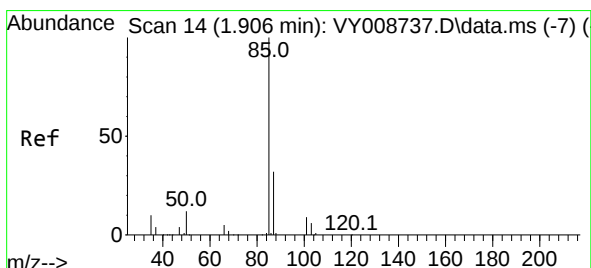
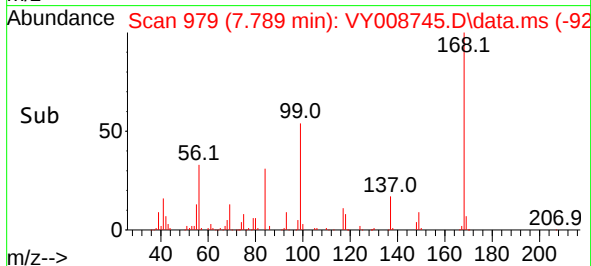
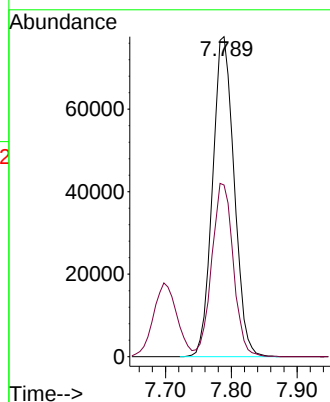
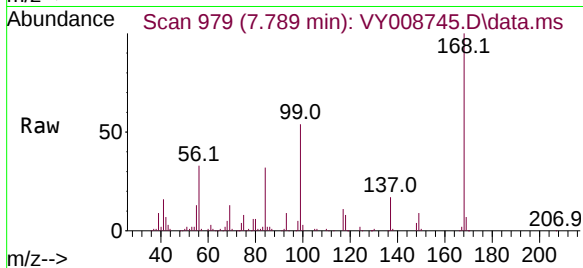




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

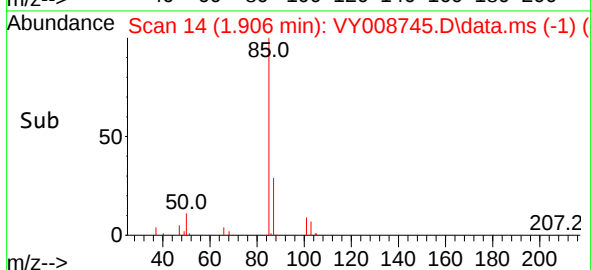
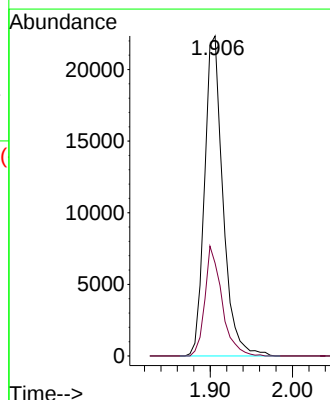
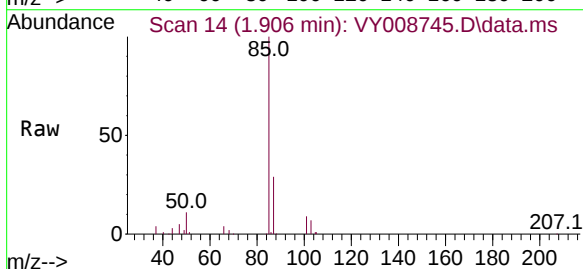
Instrument :
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ClientSampleId :
VY0513SBS01

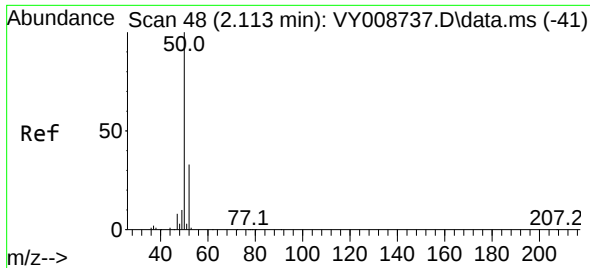
Tgt Ion:168 Resp: 177179
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 24.580 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 85 Resp: 34647
Ion Ratio Lower Upper
85 100
87 29.0 16.2 48.6

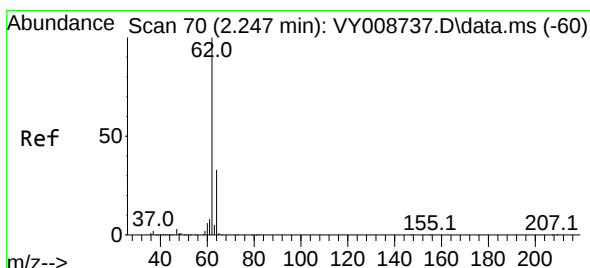
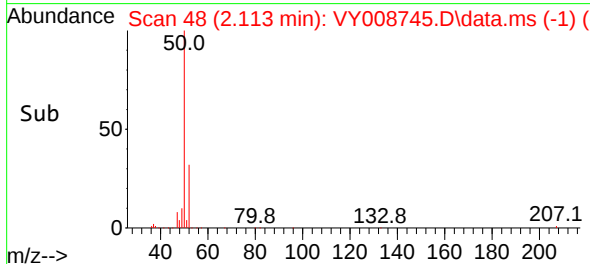
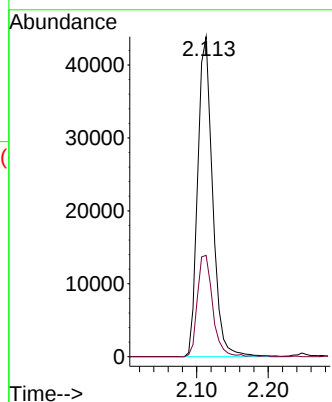
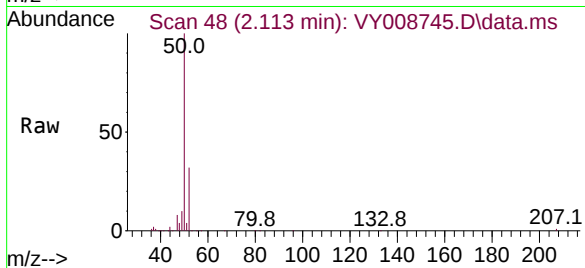




#3
Chloromethane
Concen: 21.577 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

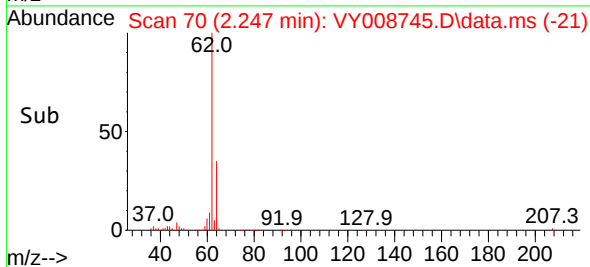
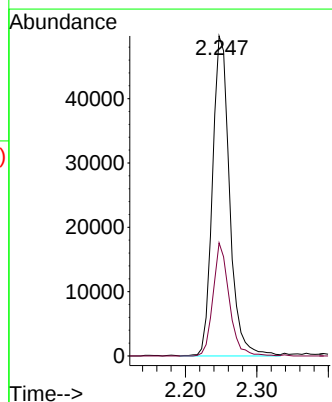
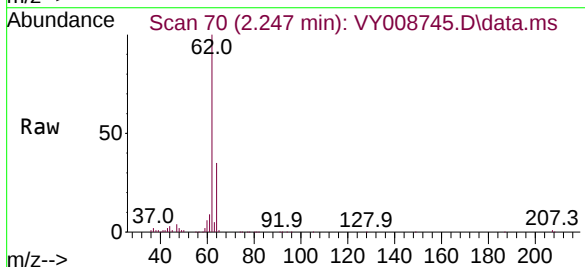
Instrument :
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ClientSampleId :
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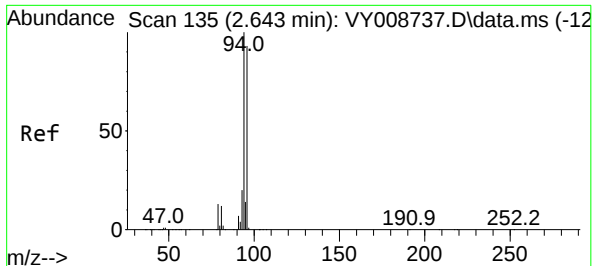
Tgt Ion: 50 Resp: 63473
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1



#4
Vinyl Chloride
Concen: 20.767 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 62 Resp: 82928
Ion Ratio Lower Upper
62 100
64 35.3 26.7 40.1

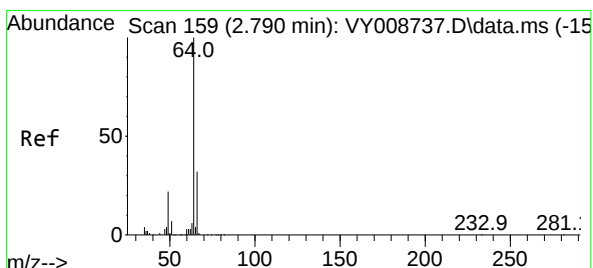
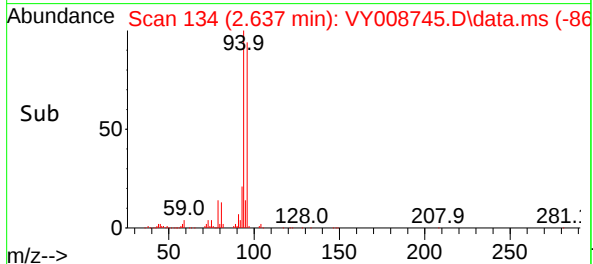
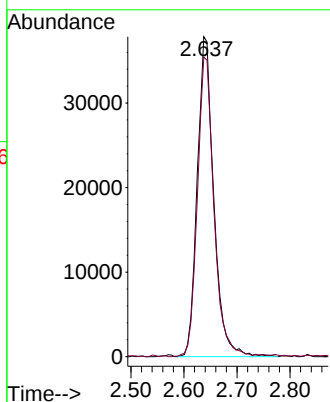
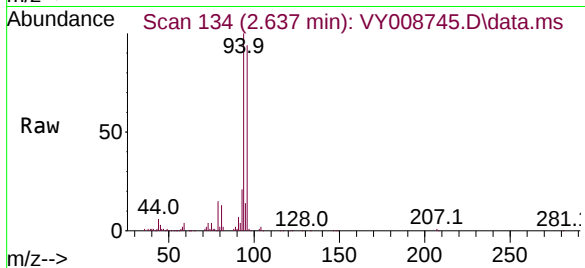




#5
Bromomethane
Concen: 21.862 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

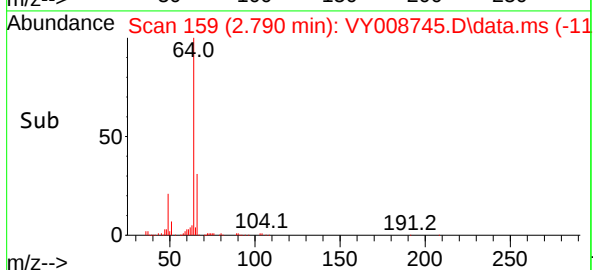
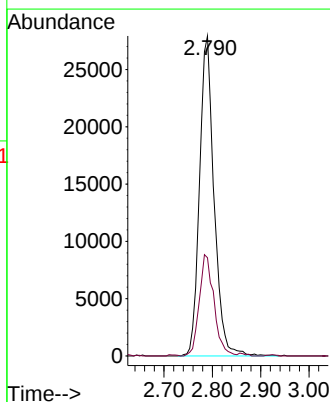
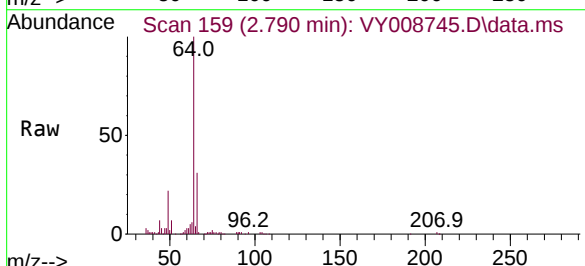
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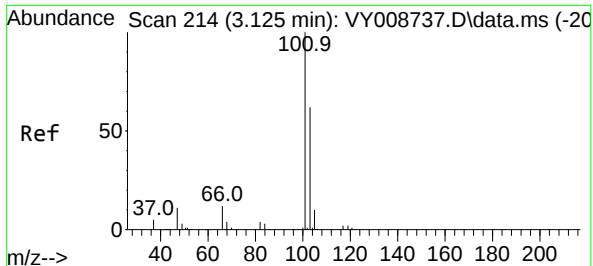
Tgt Ion: 94 Resp: 81924
Ion Ratio Lower Upper
94 100
96 93.4 74.2 111.4



#6
Chloroethane
Concen: 21.288 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 64 Resp: 58288
Ion Ratio Lower Upper
64 100
66 30.5 25.8 38.6

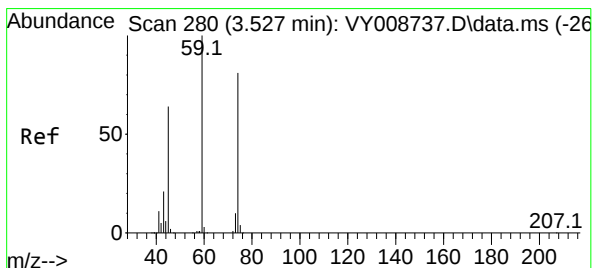
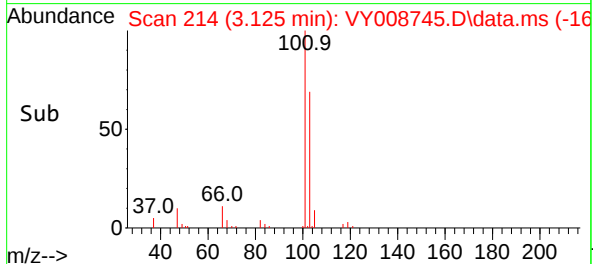
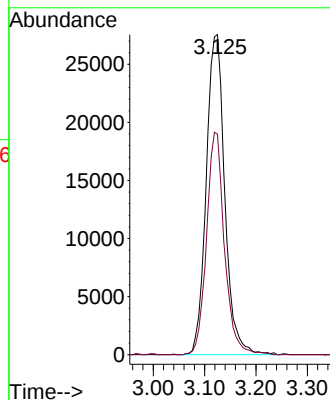
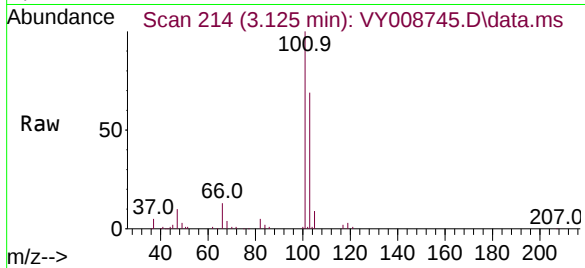




#7
Trichlorofluoromethane
Concen: 22.519 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

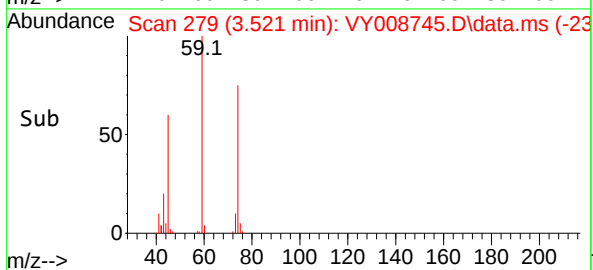
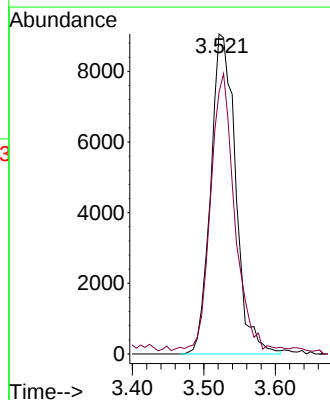
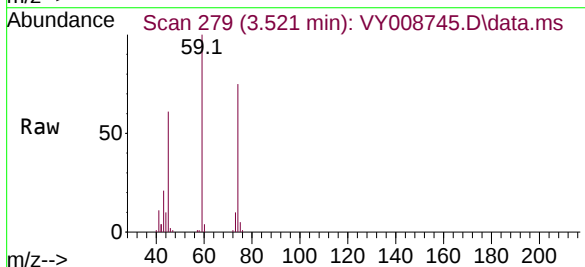
Instrument :
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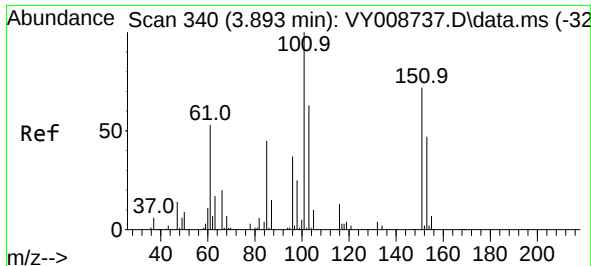
Tgt Ion:101 Resp: 69095
Ion Ratio Lower Upper
101 100
103 68.9 49.5 74.3



#8
Diethyl Ether
Concen: 23.148 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 74 Resp: 21893
Ion Ratio Lower Upper
74 100
45 81.5 42.6 127.8

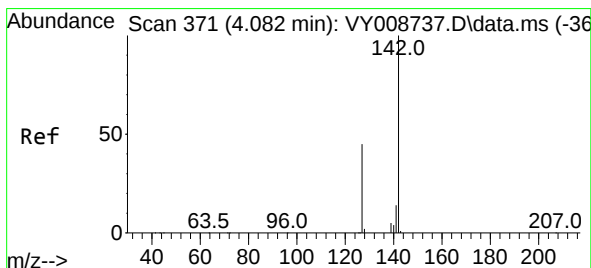
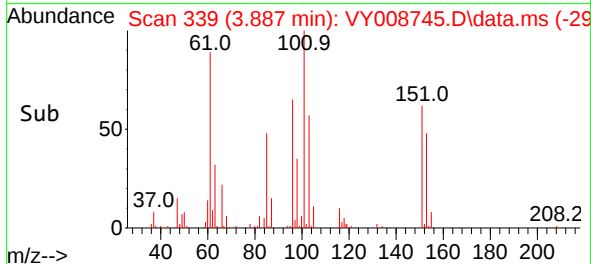
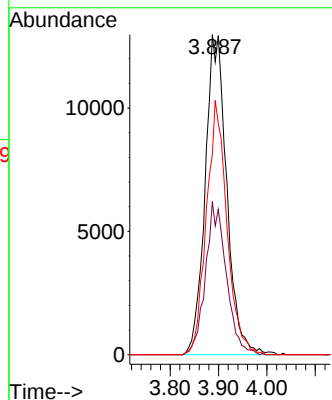
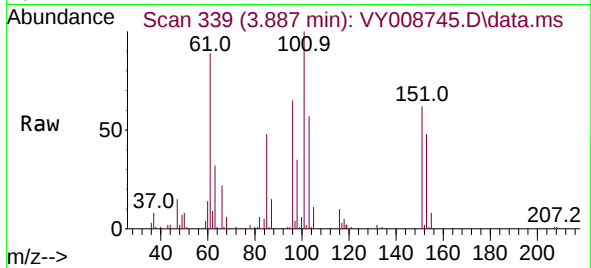




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.170 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

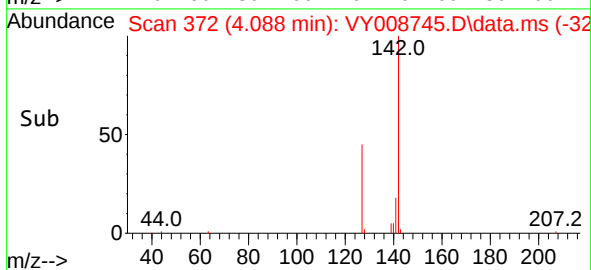
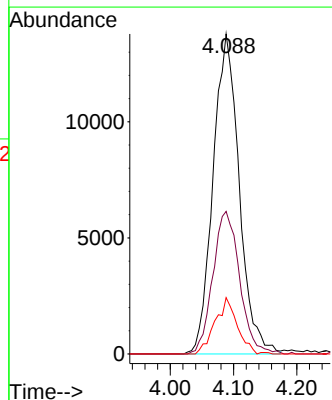
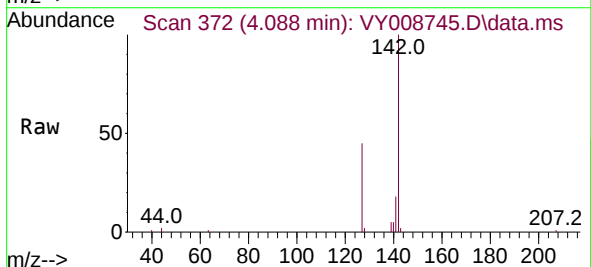
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

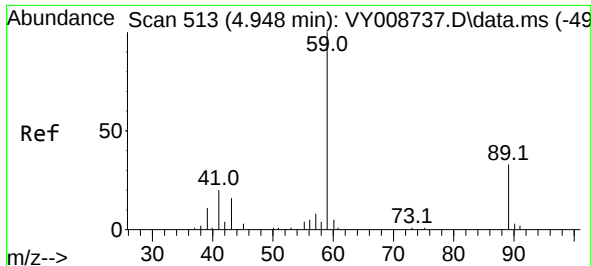
Tgt Ion:101 Resp: 40271
Ion Ratio Lower Upper
101 100
85 45.9 37.8 56.6
151 75.5 59.4 89.2



#10
Methyl Iodide
Concen: 22.544 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:142 Resp: 39479
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.9 11.7 17.5

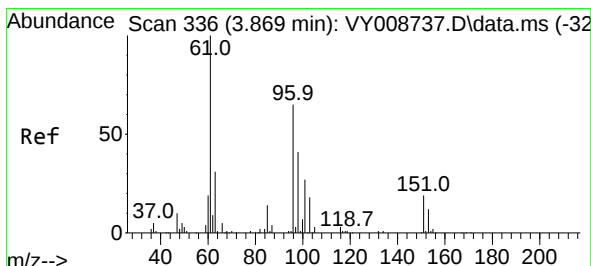
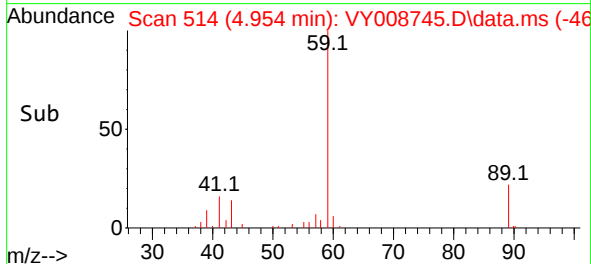
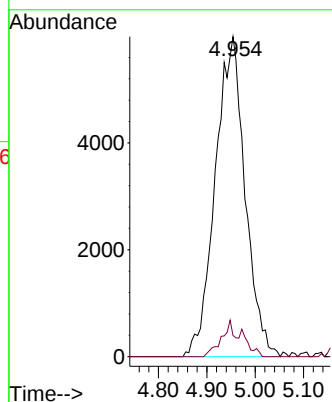
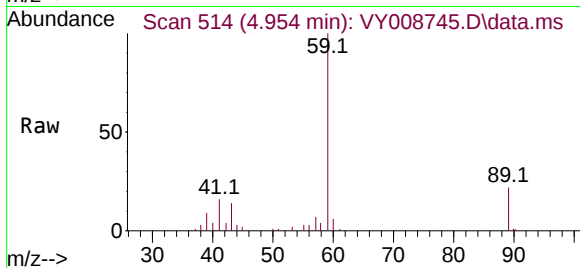




#11
Tert butyl alcohol
Concen: 62.426 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

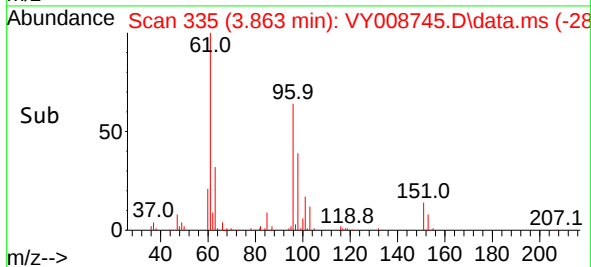
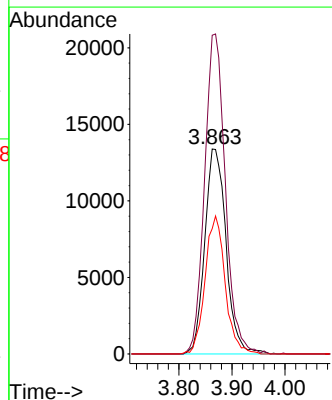
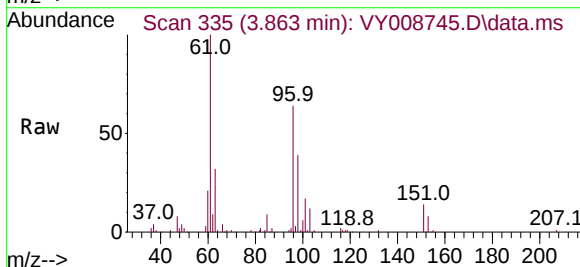
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

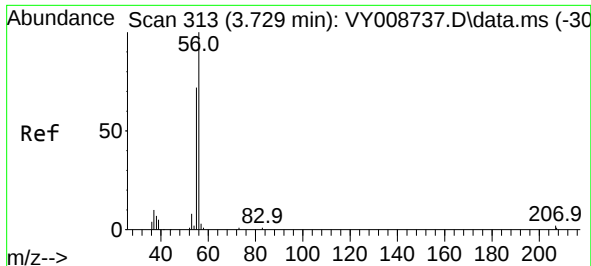
Tgt Ion: 59 Resp: 25656
Ion Ratio Lower Upper
59 100
57 5.3 6.7 10.1#



#12
1,1-Dichloroethene
Concen: 22.470 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 96 Resp: 37380
Ion Ratio Lower Upper
96 100
61 155.6 123.9 185.9
98 61.1 51.2 76.8

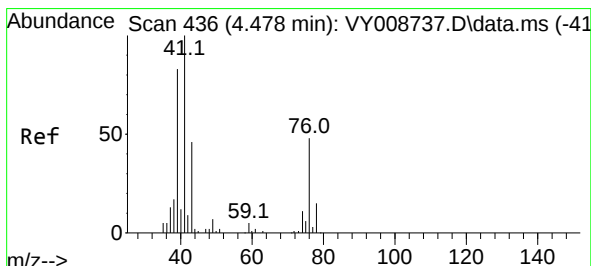
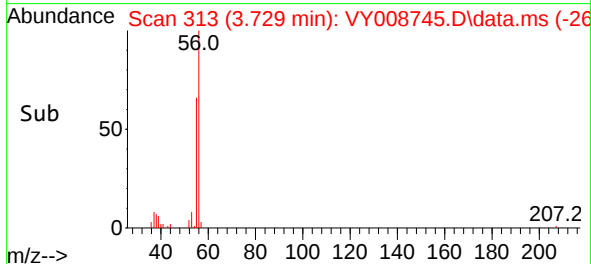
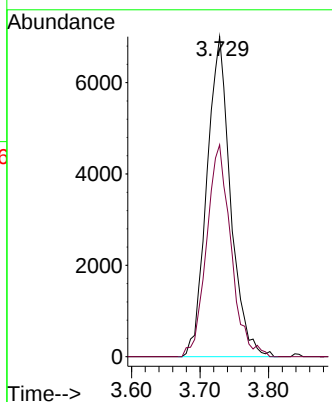
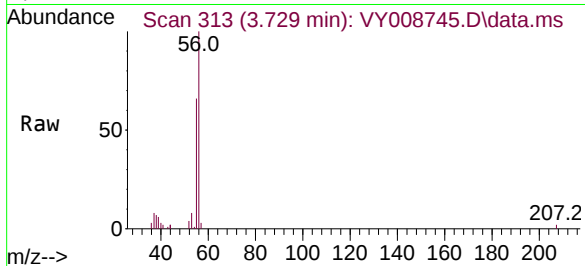




#13
Acrolein
Concen: 148.421 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

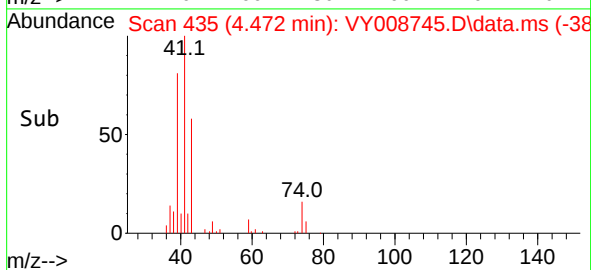
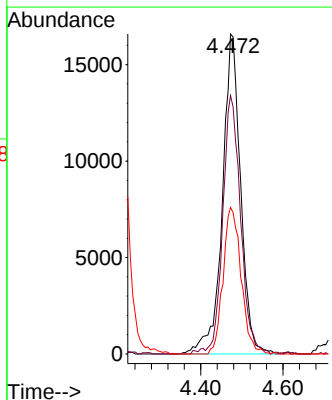
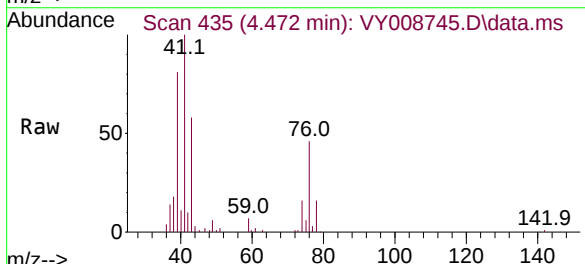
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

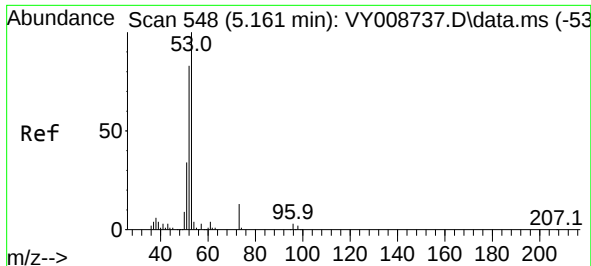
Tgt Ion: 56 Resp: 16825
Ion Ratio Lower Upper
56 100
55 68.2 59.8 89.6



#14
Allyl chloride
Concen: 21.783 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 41 Resp: 51195
Ion Ratio Lower Upper
41 100
39 79.0 64.0 96.0
76 45.1 37.5 56.3

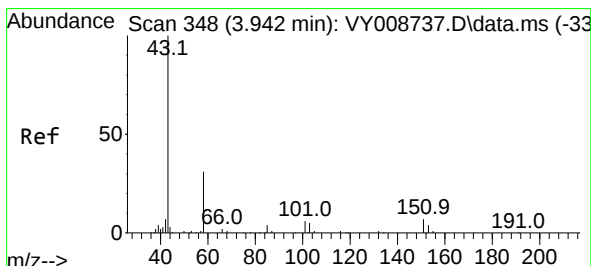
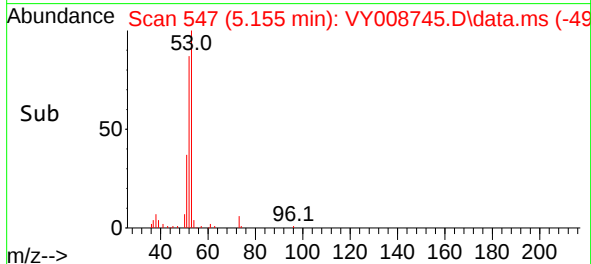
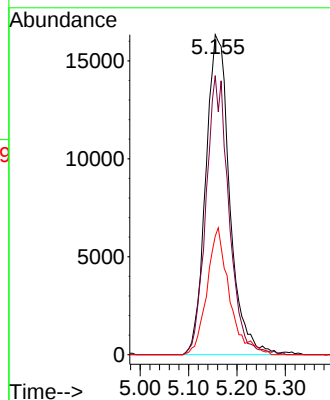
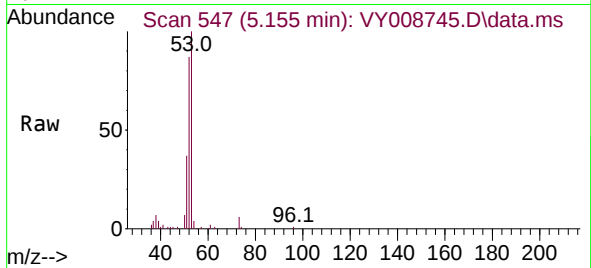




#15
Acrylonitrile
Concen: 116.472 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

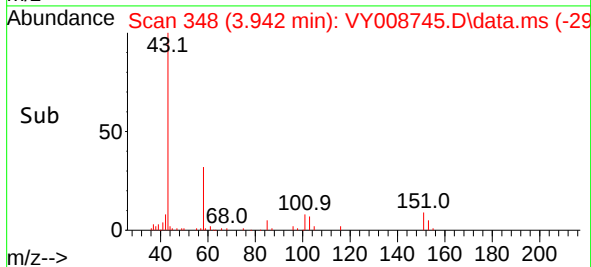
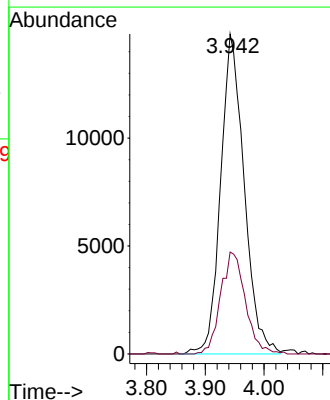
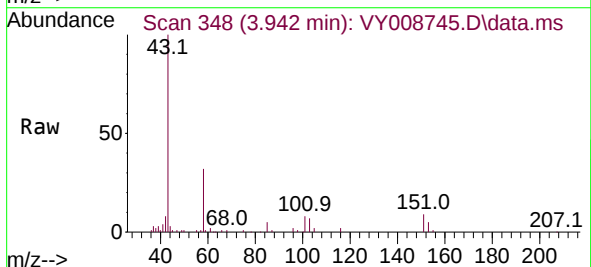
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

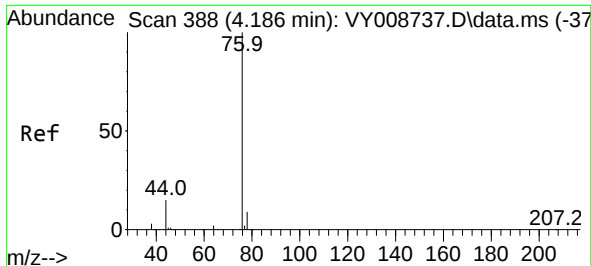
Tgt Ion: 53 Resp: 56322
Ion Ratio Lower Upper
53 100
52 83.4 65.8 98.6
51 37.1 29.6 44.4



#16
Acetone
Concen: 101.870 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 43 Resp: 41212
Ion Ratio Lower Upper
43 100
58 31.8 25.1 37.7

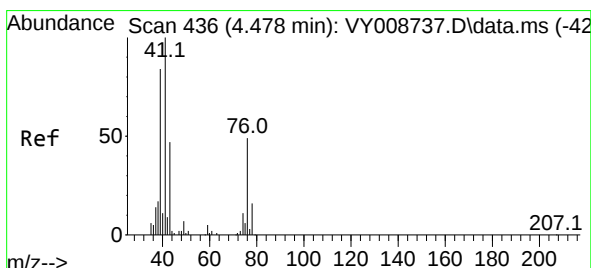
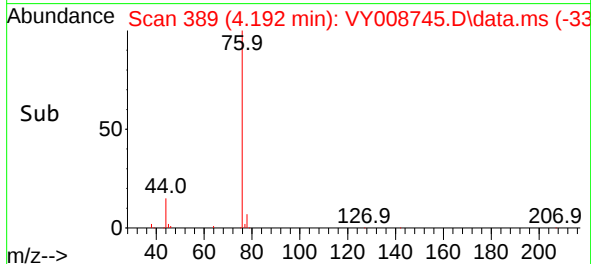
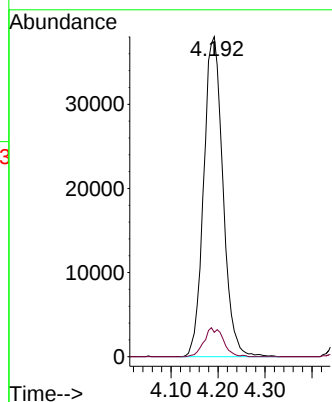
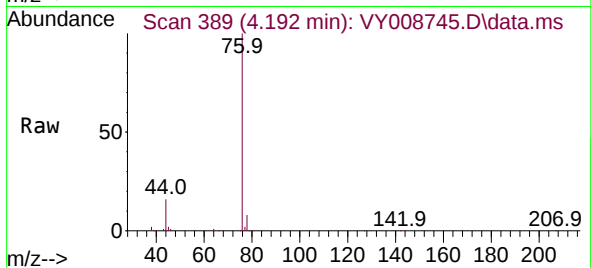




#17
Carbon Disulfide
Concen: 22.833 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

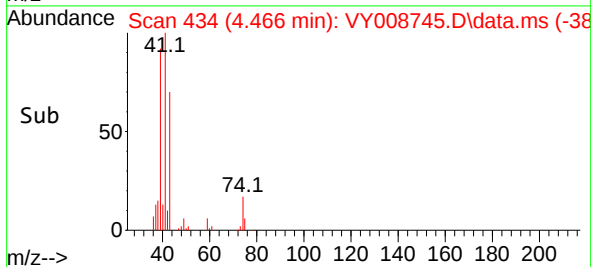
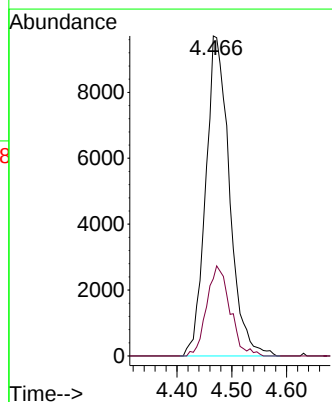
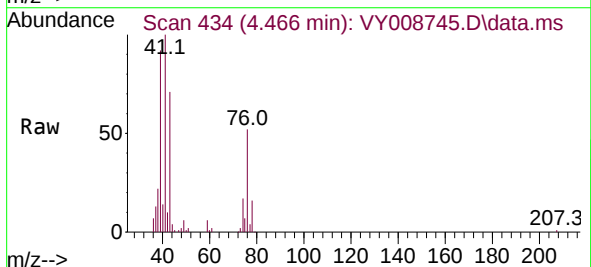
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

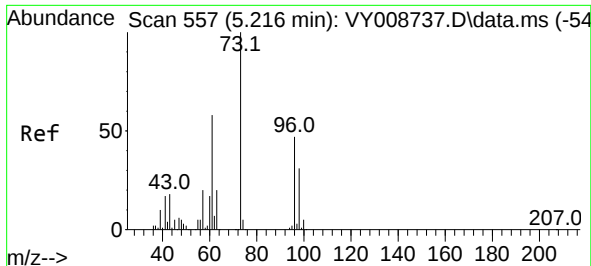
Tgt Ion: 76 Resp: 108055
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3



#18
Methyl Acetate
Concen: 22.523 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 43 Resp: 29201
Ion Ratio Lower Upper
43 100
74 27.7 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 22.400 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

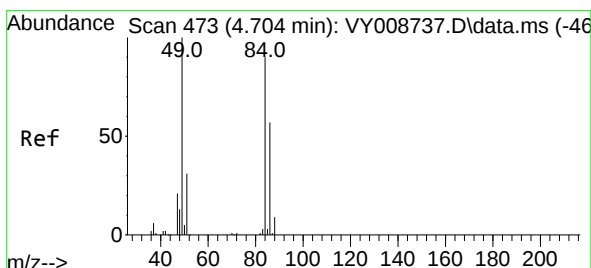
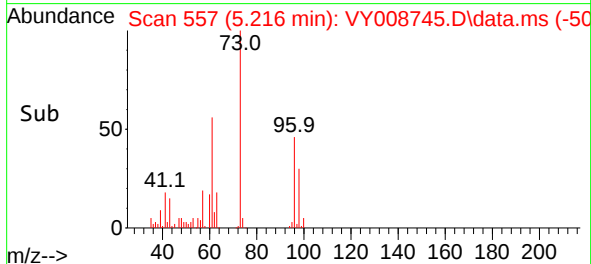
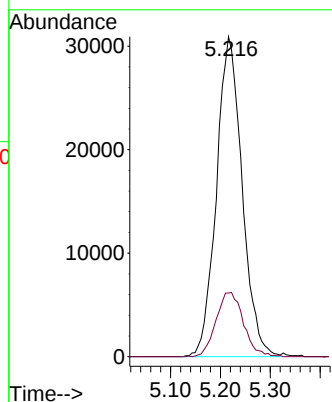
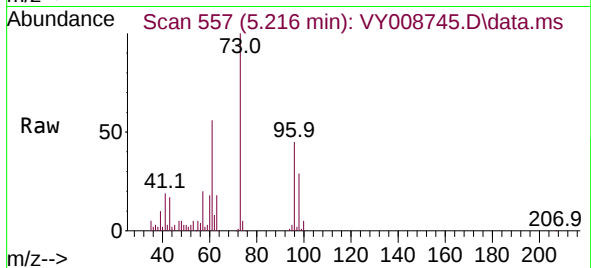
VY0513SBS01

Tgt Ion: 73 Resp: 110460

Ion Ratio Lower Upper

73 100

57 19.9 15.8 23.6



#20

Methylene Chloride

Concen: 25.228 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Tgt Ion: 84 Resp: 61082

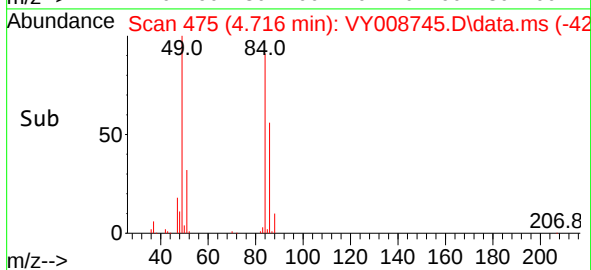
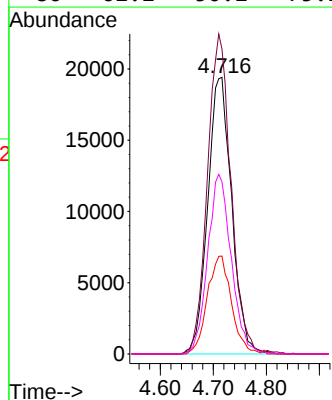
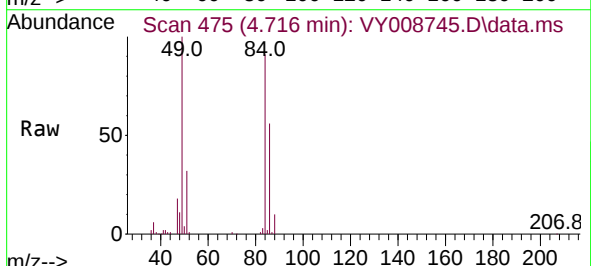
Ion Ratio Lower Upper

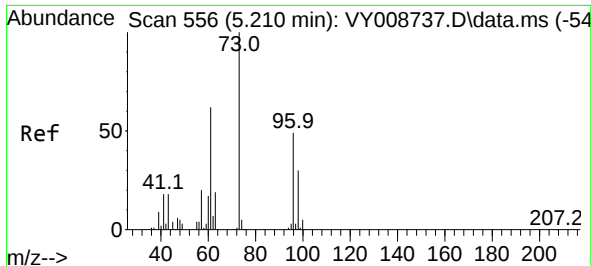
84 100

49 110.3 88.6 133.0

51 35.4 27.4 41.0

86 62.2 50.2 75.2

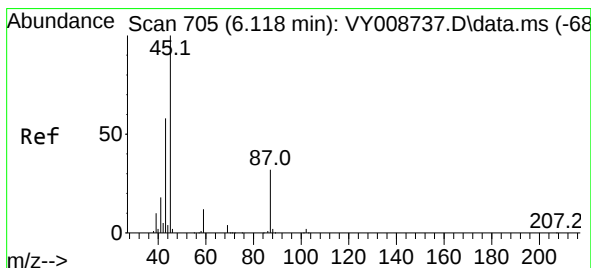
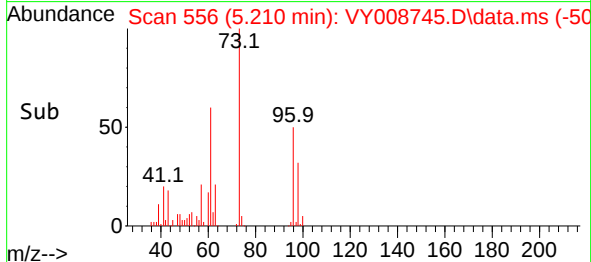
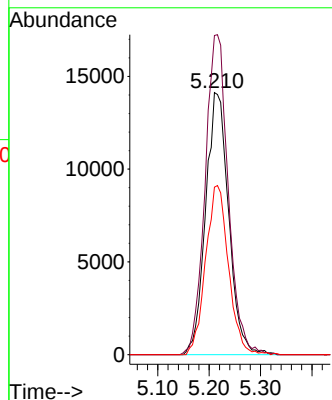
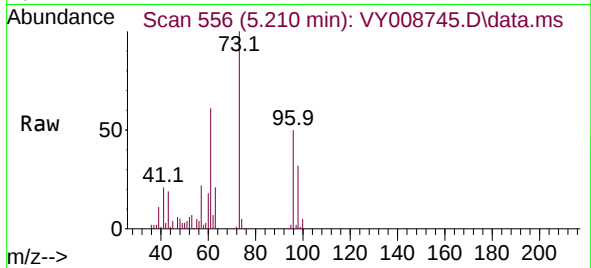




#21
trans-1,2-Dichloroethene
Concen: 21.763 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

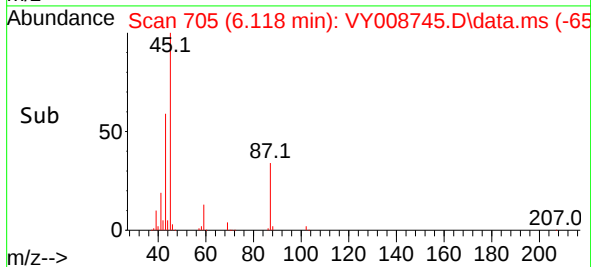
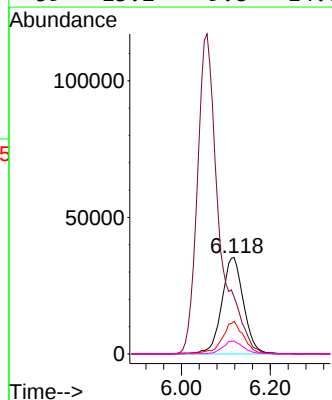
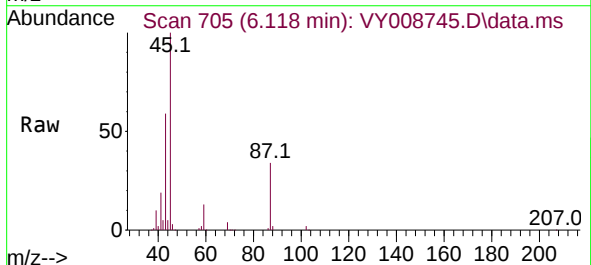
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

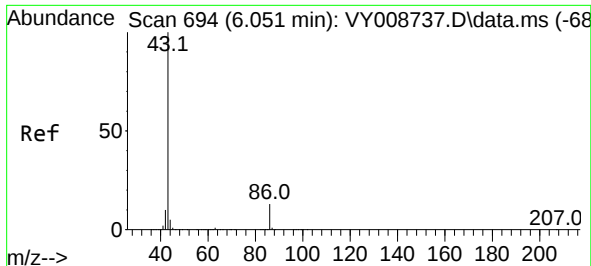
Tgt Ion: 96 Resp: 44092
Ion Ratio Lower Upper
96 100
61 121.8 101.8 152.6
98 63.9 50.2 75.2



#22
Diisopropyl ether
Concen: 21.868 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 45 Resp: 119821
Ion Ratio Lower Upper
45 100
43 58.5 46.5 69.7
87 33.6 26.3 39.5
59 13.2 9.8 14.6

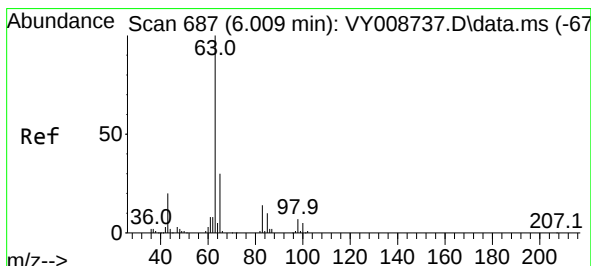
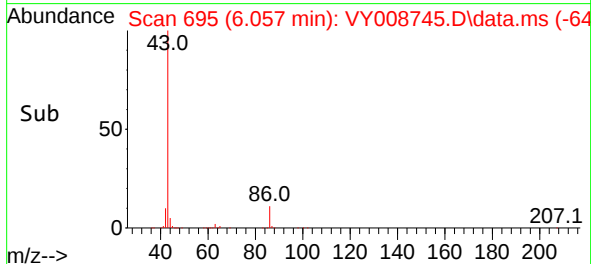
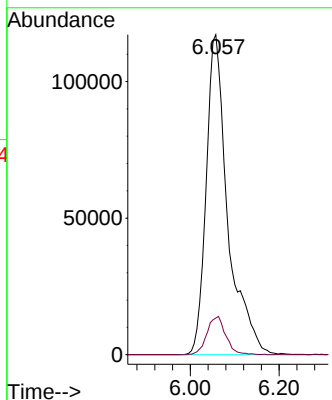
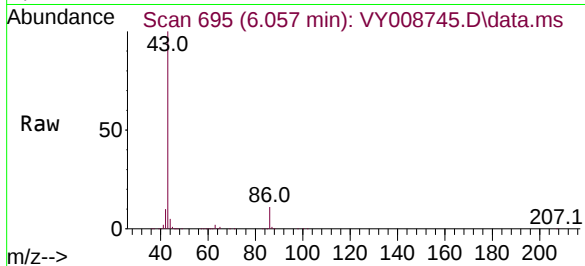




#23
 Vinyl Acetate
 Concen: 121.537 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY008745.D
 Acq: 13 May 2022 13:40

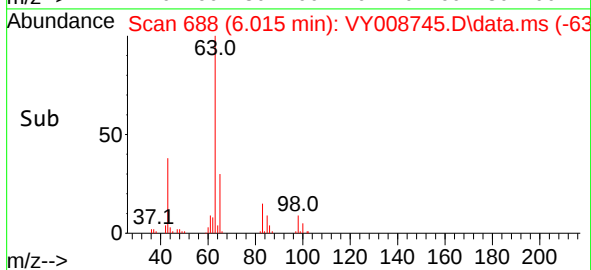
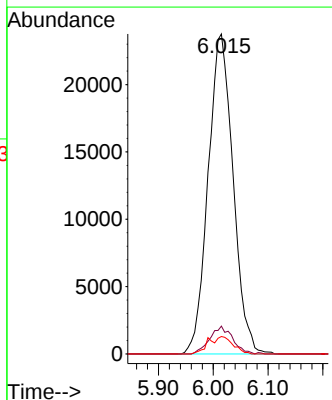
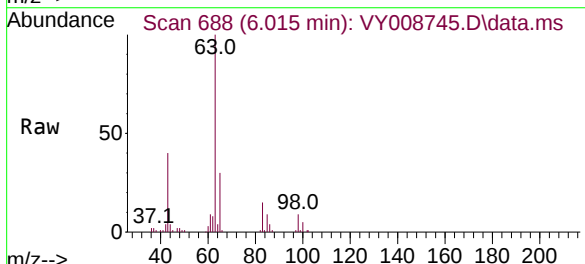
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

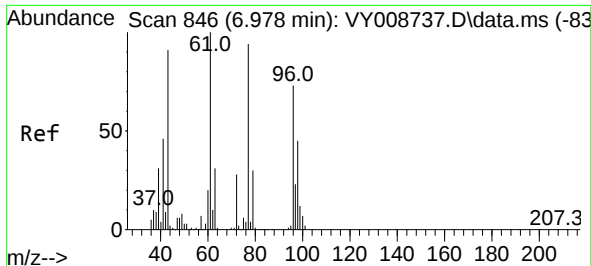
Tgt Ion: 43 Resp: 396980
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 21.682 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY008745.D
 Acq: 13 May 2022 13:40

Tgt Ion: 63 Resp: 75112
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.3 9.9
 100 5.5 2.6 7.8

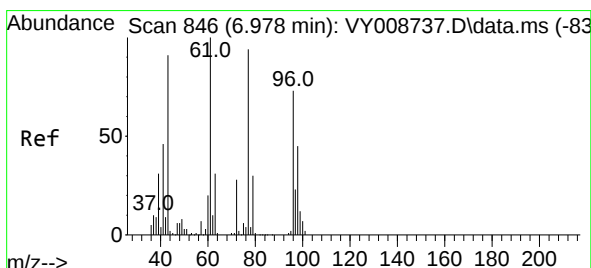
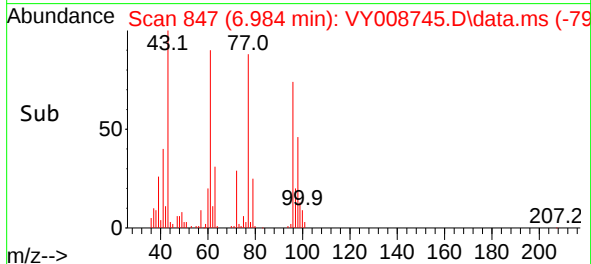
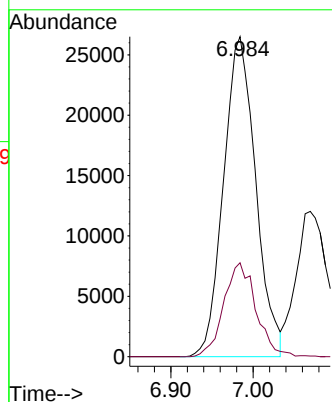
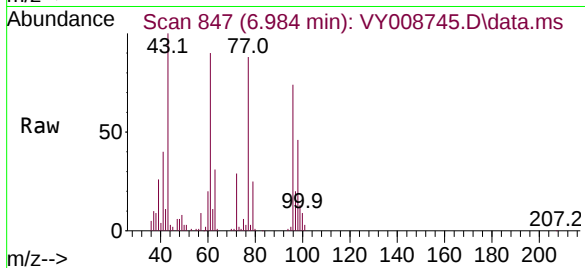




#25
2-Butanone
Concen: 115.152 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

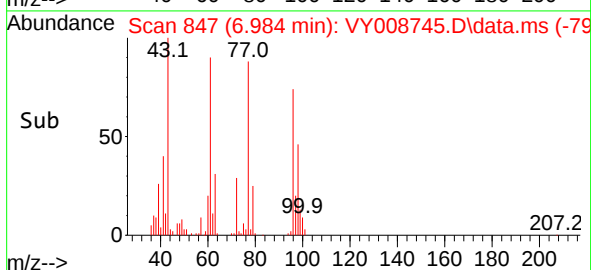
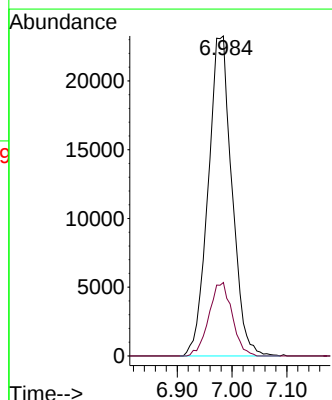
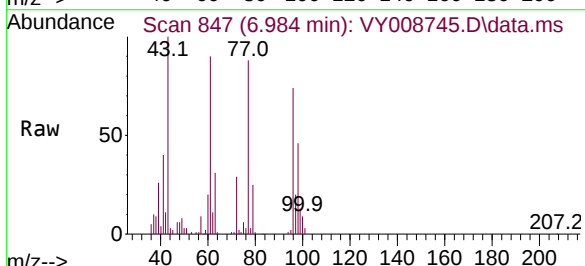
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

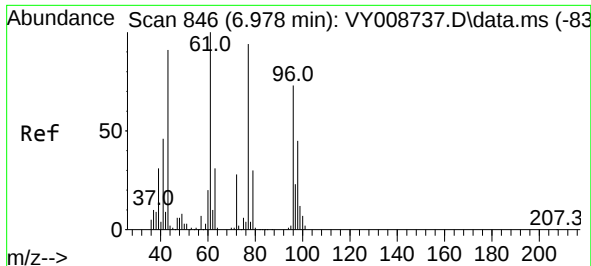
Tgt Ion: 43 Resp: 72072
Ion Ratio Lower Upper
43 100
72 29.3 25.0 37.4



#26
2,2-Dichloropropane
Concen: 21.268 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 77 Resp: 70031
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 21.939 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

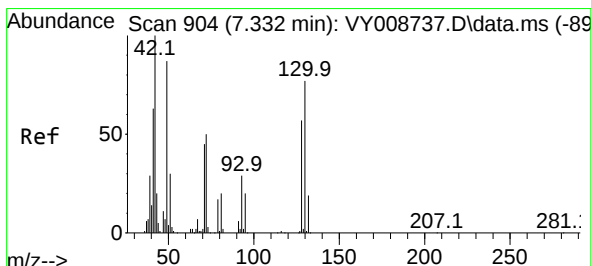
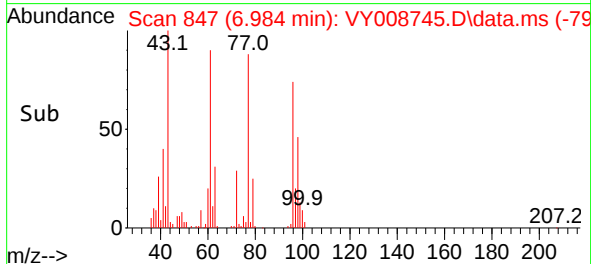
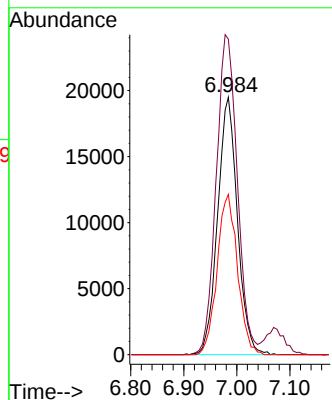
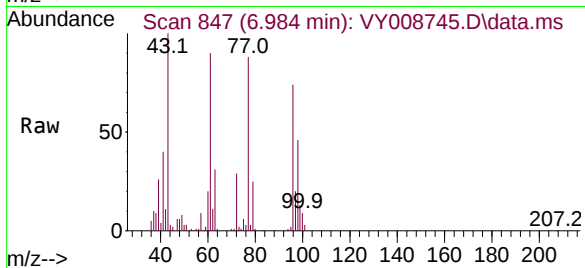
Tgt Ion: 96 Resp: 50652

Ion Ratio Lower Upper

96 100

61 132.3 0.0 270.4

98 64.1 0.0 126.6



#28

Bromochloromethane

Concen: 19.605 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

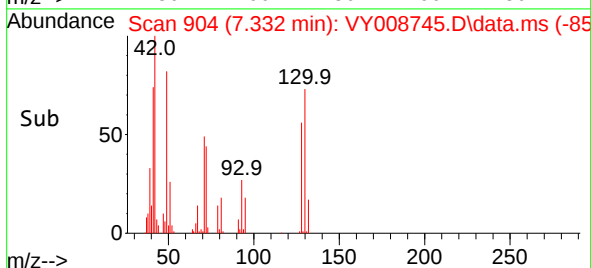
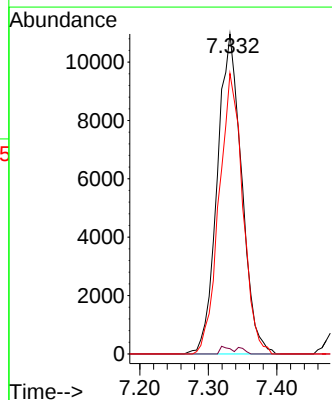
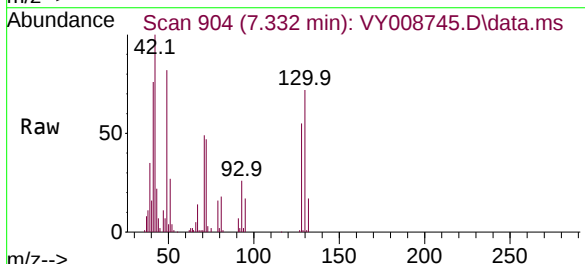
Tgt Ion: 49 Resp: 27103

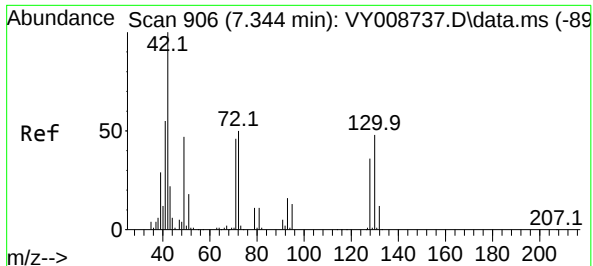
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 84.8 69.0 103.4





#29

Tetrahydrofuran

Concen: 113.872 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

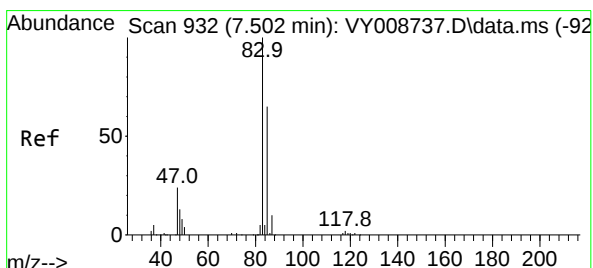
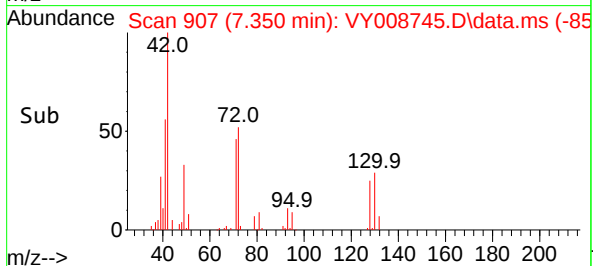
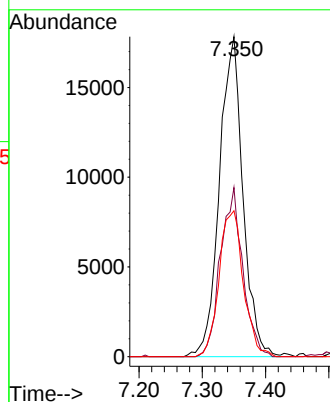
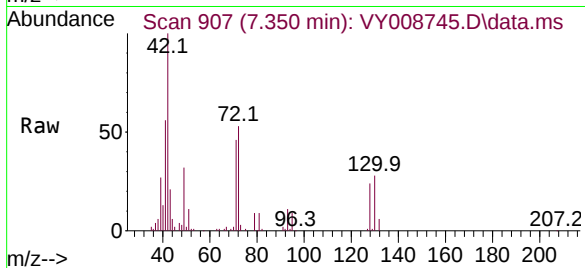
Tgt Ion: 42 Resp: 45961

Ion Ratio Lower Upper

42 100

72 50.3 40.7 61.1

71 47.2 37.4 56.0



#30

Chloroform

Concen: 21.617 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008745.D

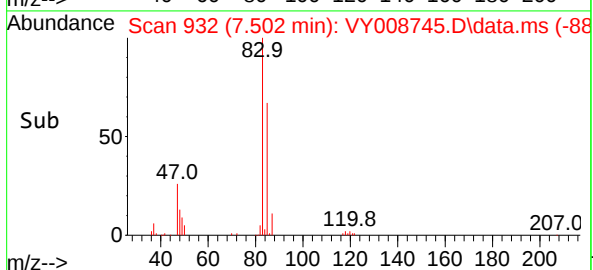
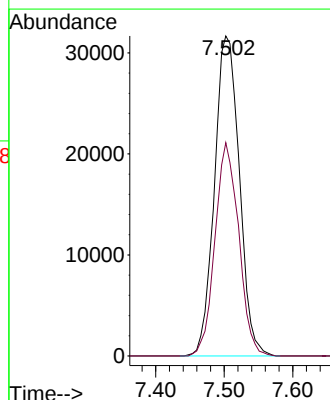
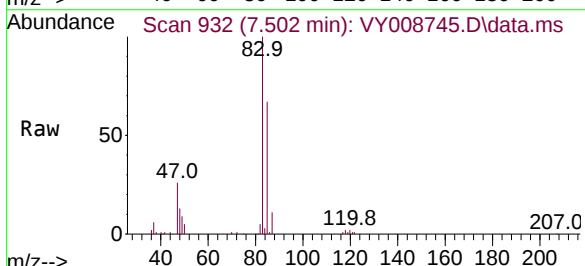
Acq: 13 May 2022 13:40

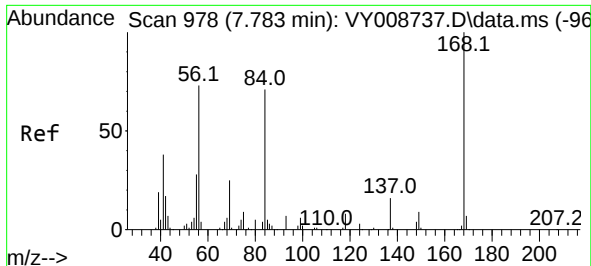
Tgt Ion: 83 Resp: 79822

Ion Ratio Lower Upper

83 100

85 66.7 52.1 78.1

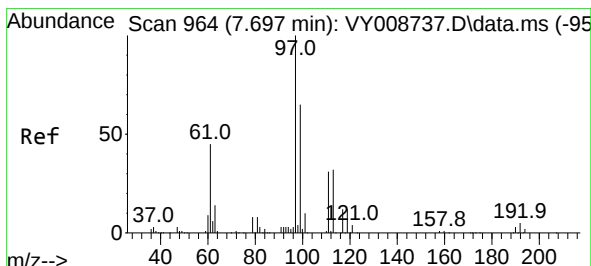
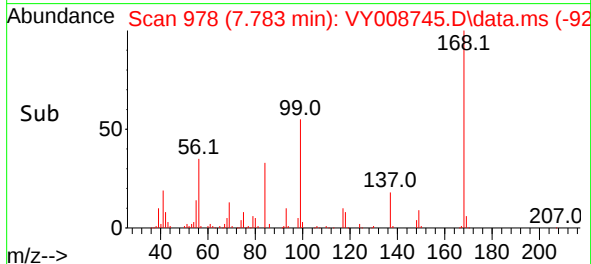
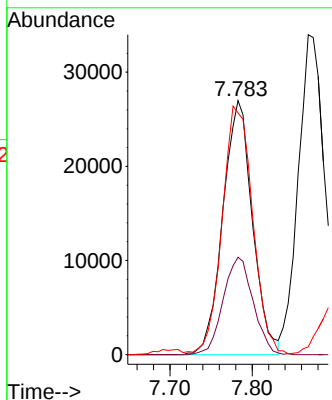
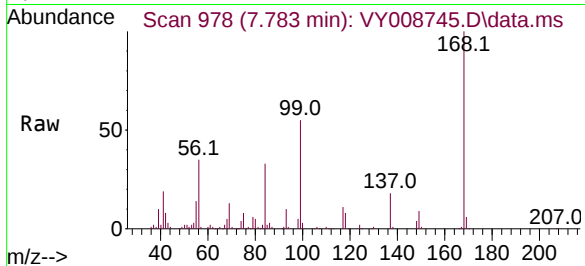




#31
Cyclohexane
Concen: 21.221 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

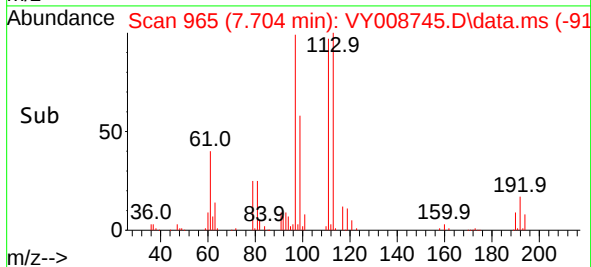
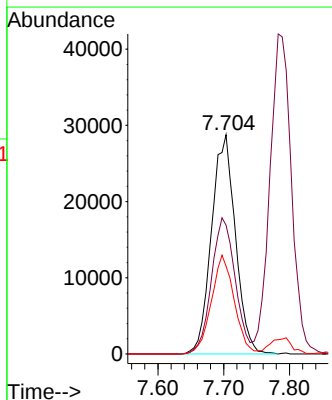
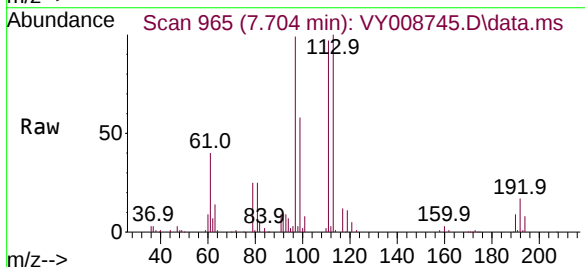
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

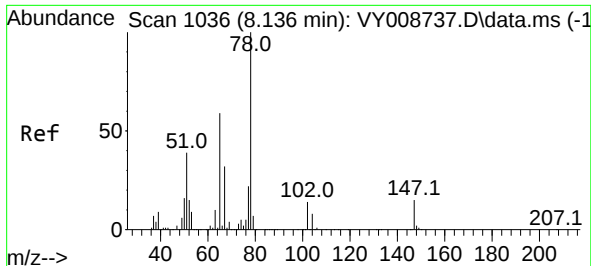
Tgt Ion: 56 Resp: 67584
Ion Ratio Lower Upper
56 100
69 38.3 27.4 41.0
84 93.5 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 21.781 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 97 Resp: 72774
Ion Ratio Lower Upper
97 100
99 61.5 51.8 77.6
61 43.2 34.9 52.3

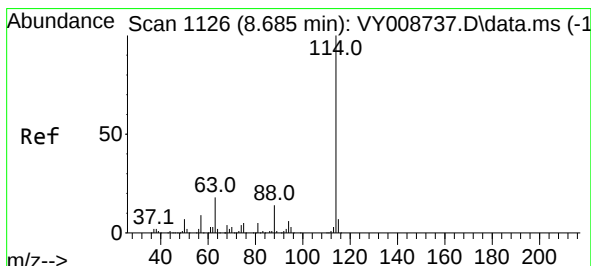
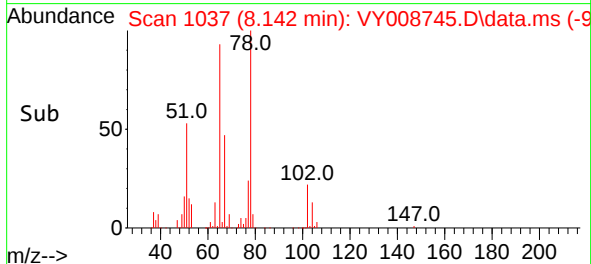
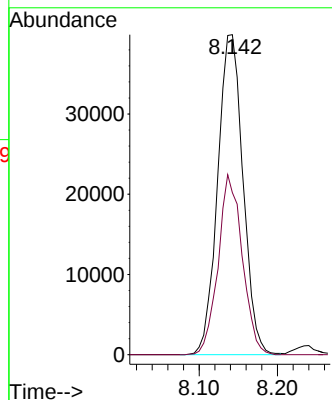
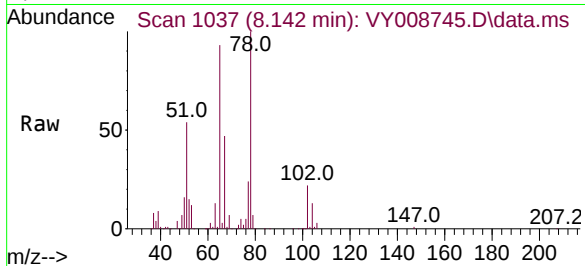




#33
 1,2-Dichloroethane-d4
 Concen: 50.890 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY008745.D
 Acq: 13 May 2022 13:40

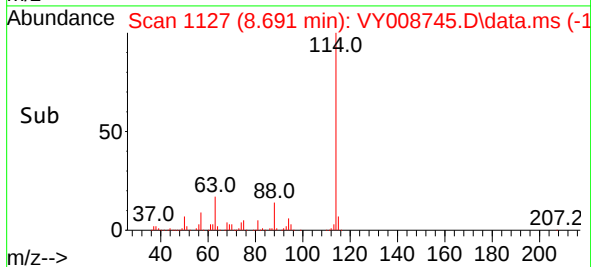
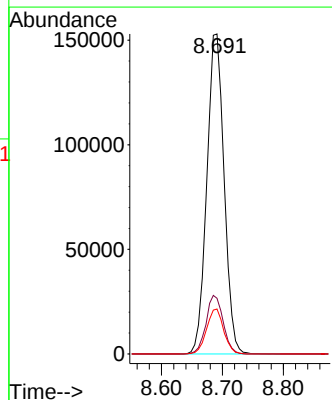
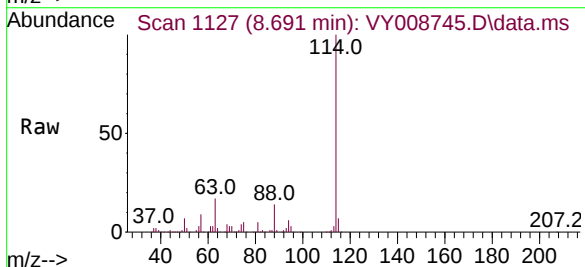
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01

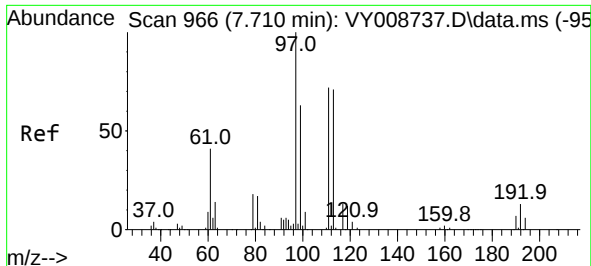
Tgt Ion: 65 Resp: 89797
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY008745.D
 Acq: 13 May 2022 13:40

Tgt Ion: 114 Resp: 301258
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 14.1 0.0 27.4

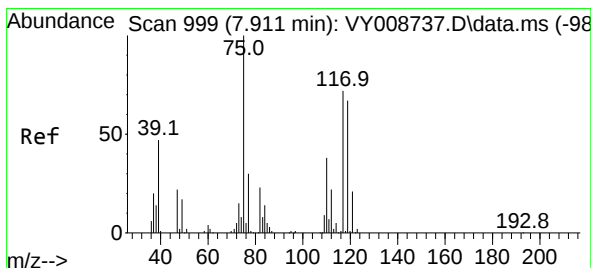
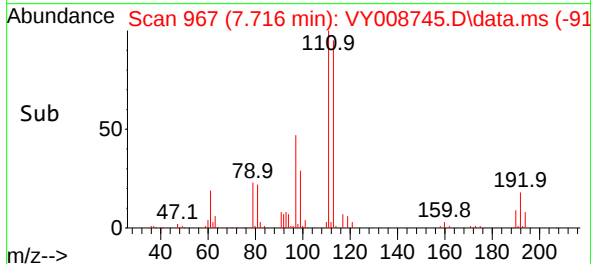
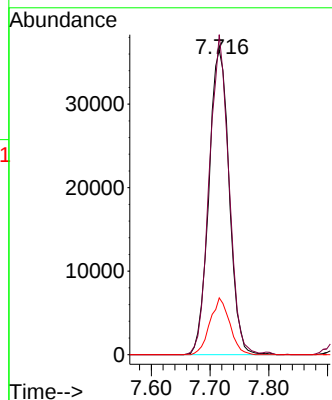
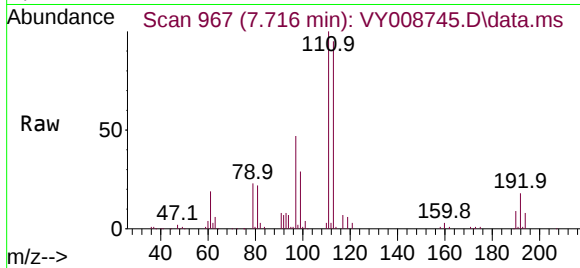




#35
Dibromofluoromethane
Concen: 48.604 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

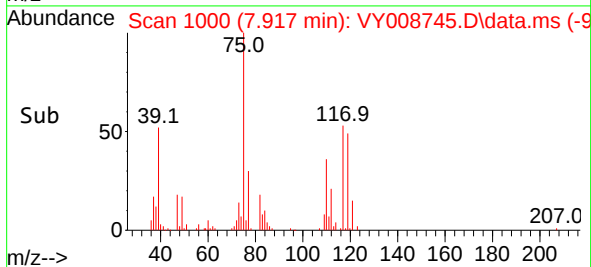
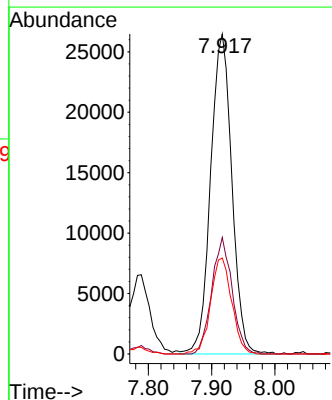
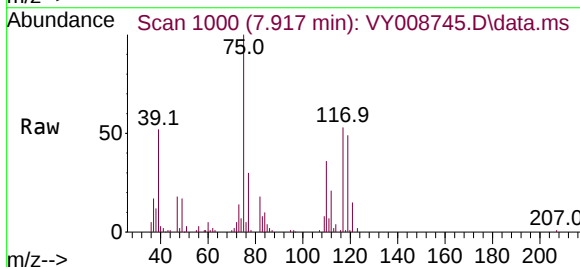
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

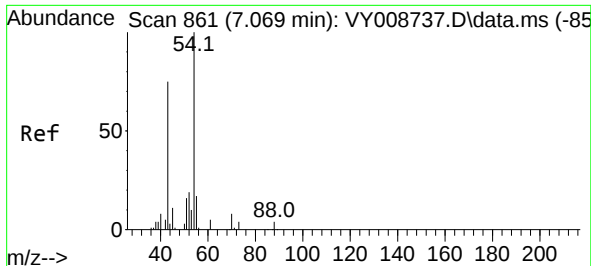
Tgt Ion:113 Resp: 87881
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.330 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 75 Resp: 61668
Ion Ratio Lower Upper
75 100
110 34.9 18.1 54.1
77 29.7 24.3 36.5

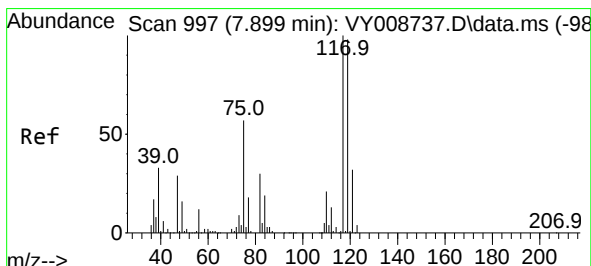
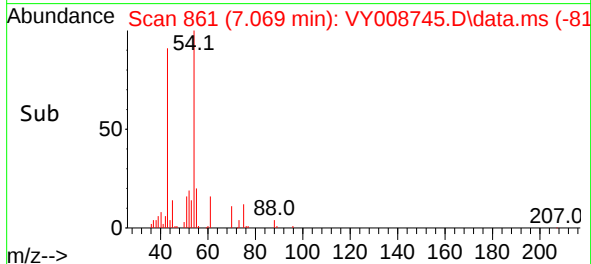
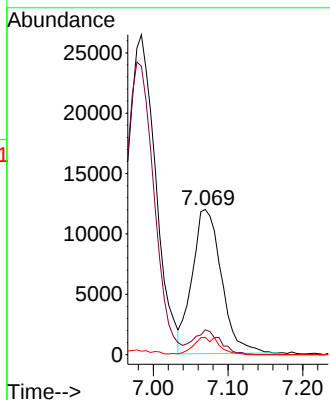
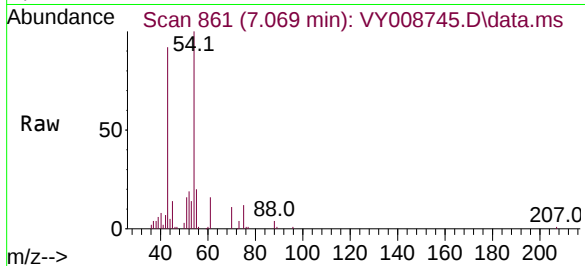




#37
Ethyl Acetate
Concen: 22.188 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

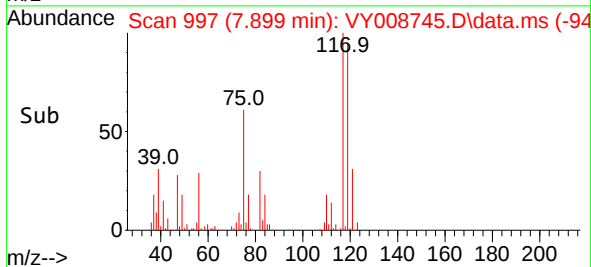
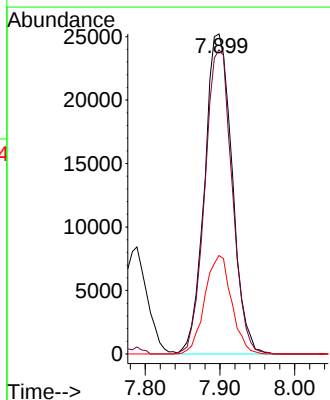
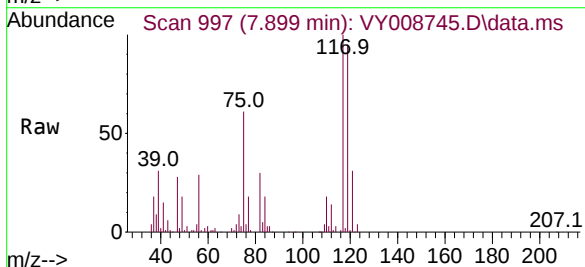
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

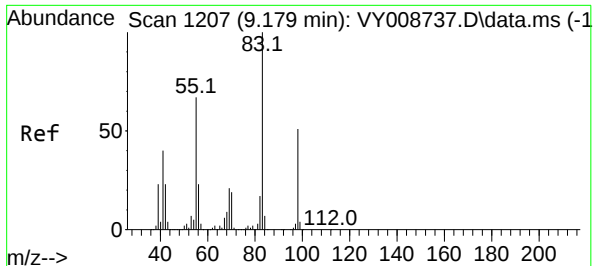
Tgt Ion: 43 Resp: 32461
Ion Ratio Lower Upper
43 100
61 16.0 10.8 16.2
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 21.148 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 117 Resp: 64517
Ion Ratio Lower Upper
117 100
119 95.0 78.5 117.7
121 30.8 25.8 38.8

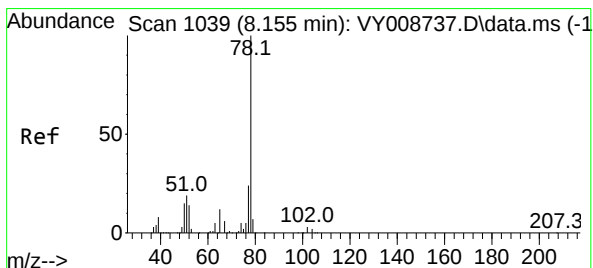
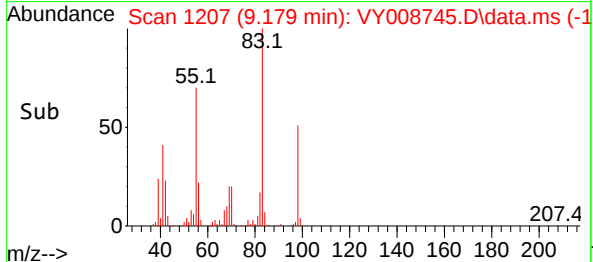
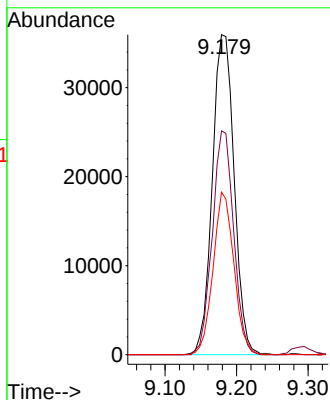
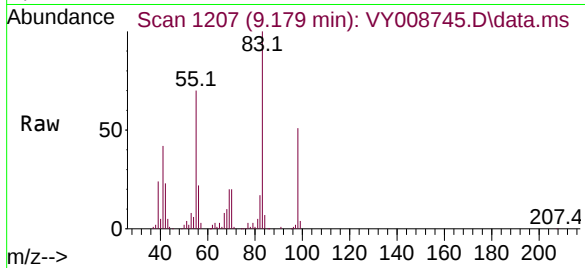




#39
Methylcyclohexane
Concen: 20.753 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

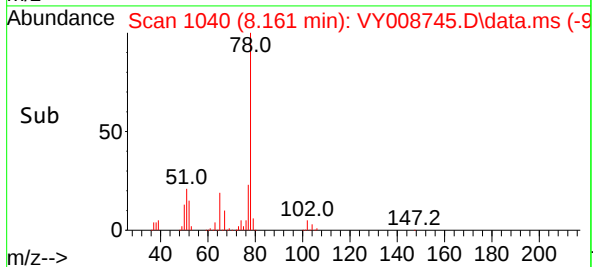
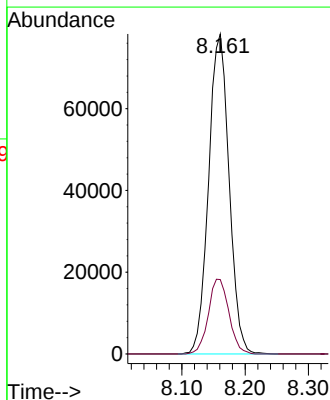
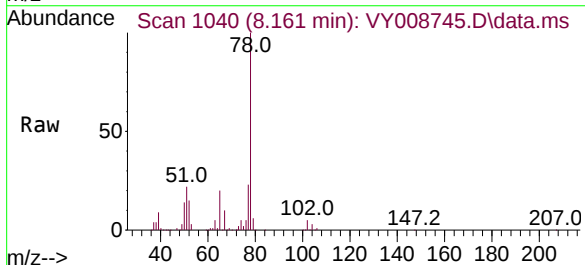
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

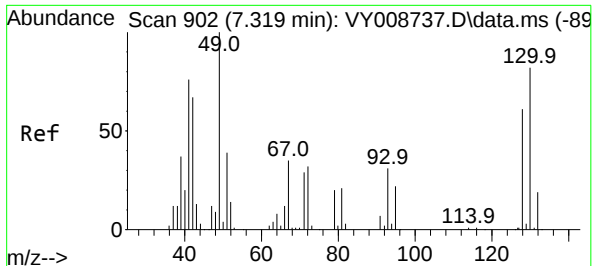
Tgt Ion: 83 Resp: 76279
Ion Ratio Lower Upper
83 100
55 70.0 53.4 80.0
98 50.8 41.0 61.4



#40
Benzene
Concen: 20.924 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 78 Resp: 175807
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

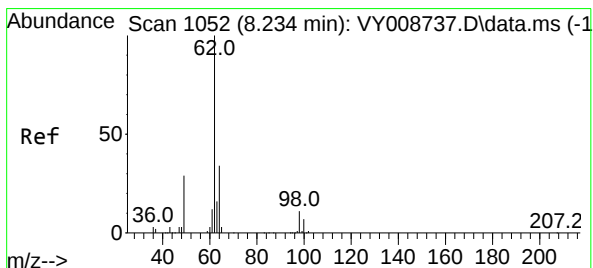
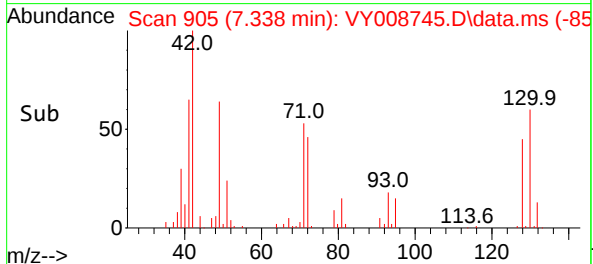
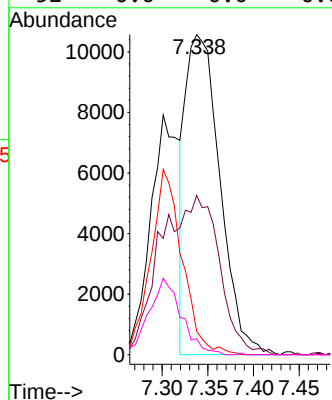
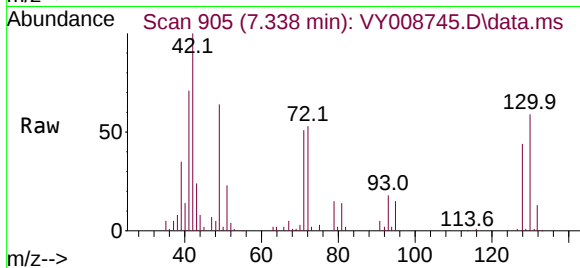




#41
Methacrylonitrile
Concen: 38.915 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

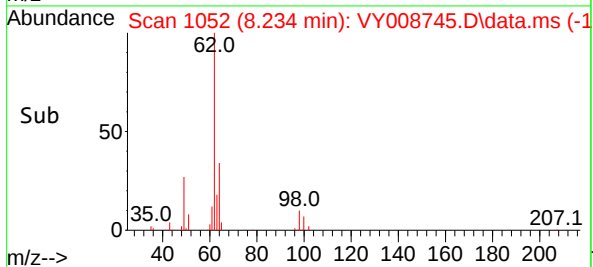
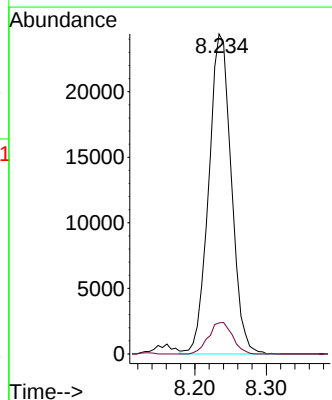
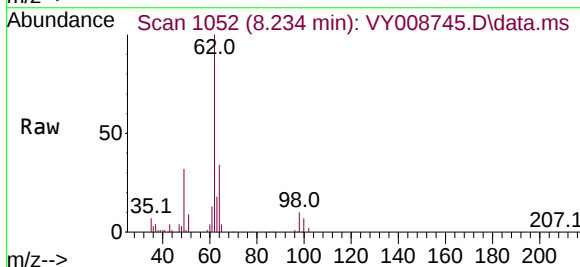
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

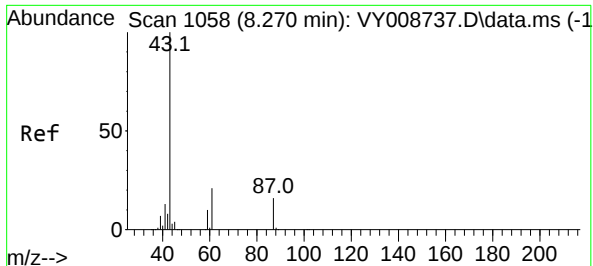
Tgt Ion: 41 Resp: 27619
Ion Ratio Lower Upper
41 100
39 0.0 97.1 145.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.542 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 62 Resp: 53594
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.6

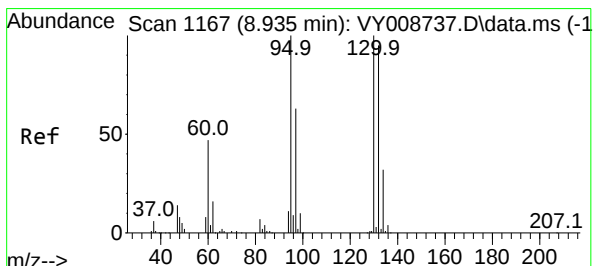
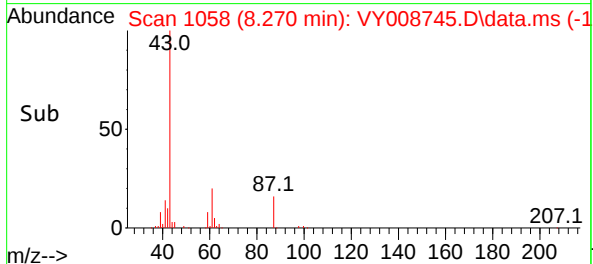
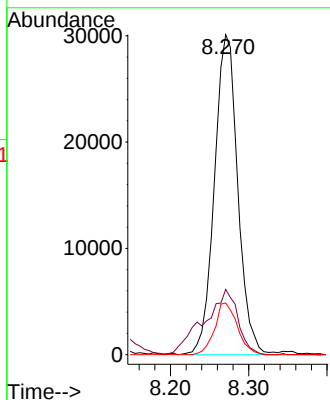
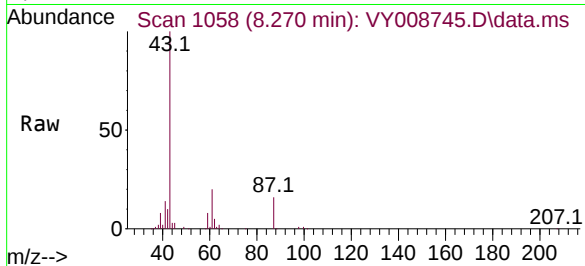




#43
Isopropyl Acetate
Concen: 22.675 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

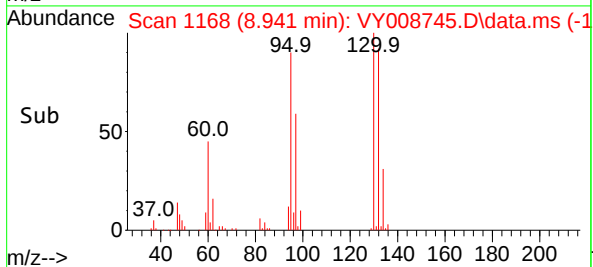
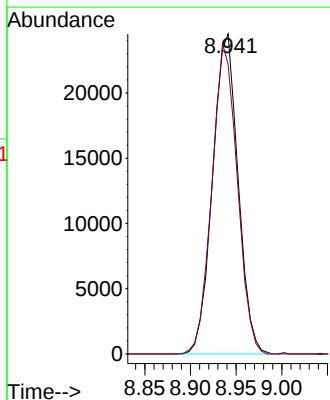
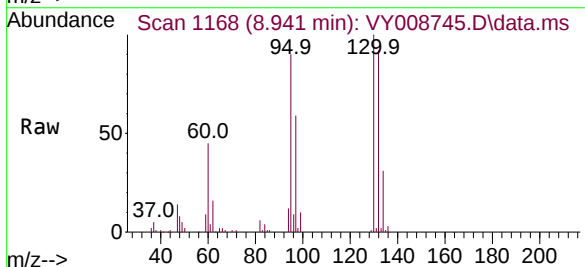
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

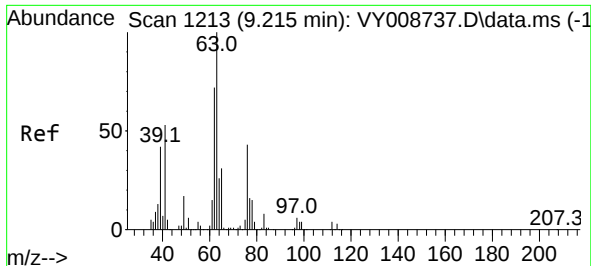
Tgt Ion: 43 Resp: 62519
Ion Ratio Lower Upper
43 100
61 29.3 24.6 36.8
87 15.7 11.8 17.8



#44
Trichloroethene
Concen: 21.167 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:130 Resp: 47493
Ion Ratio Lower Upper
130 100
95 90.4 0.0 199.2





#45

1,2-Dichloropropane

Concen: 21.570 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

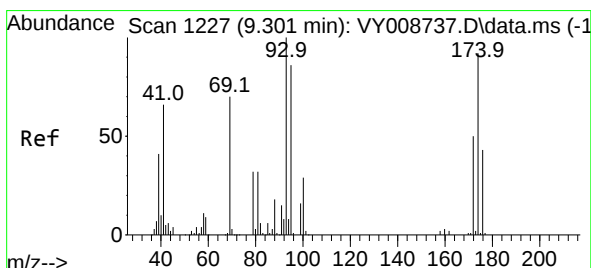
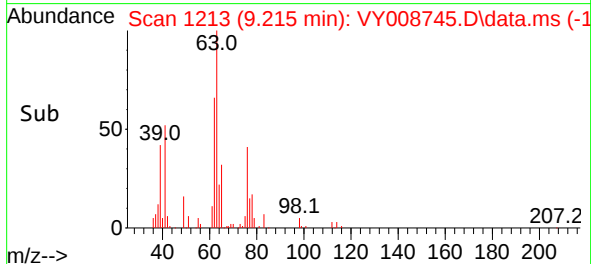
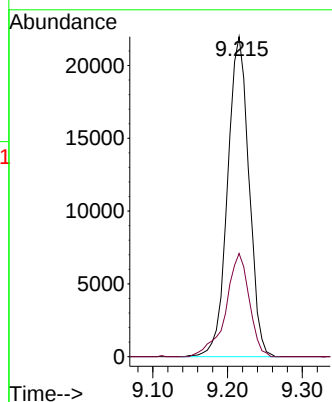
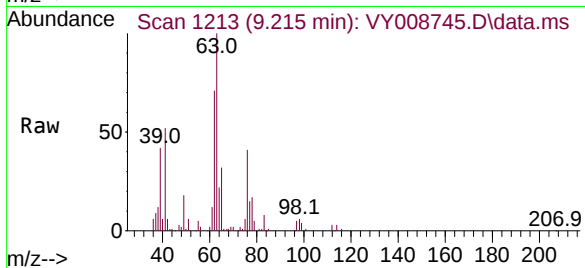
VY0513SBSD01

Tgt Ion: 63 Resp: 43756

Ion Ratio Lower Upper

63 100

65 32.2 24.7 37.1



#46

Dibromomethane

Concen: 21.504 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

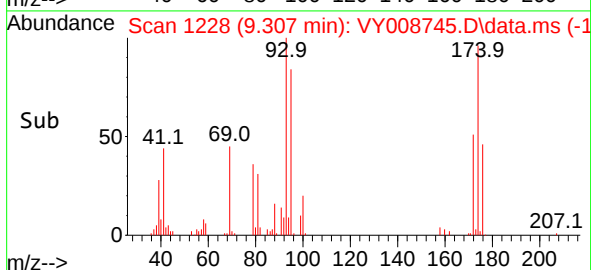
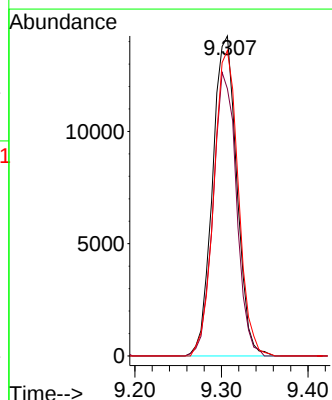
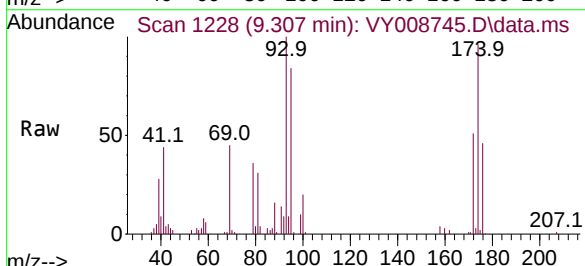
Tgt Ion: 93 Resp: 27681

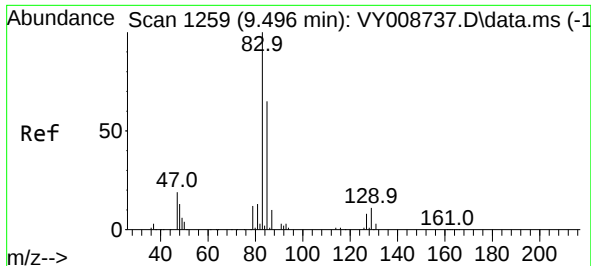
Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.2

174 96.3 74.2 111.2

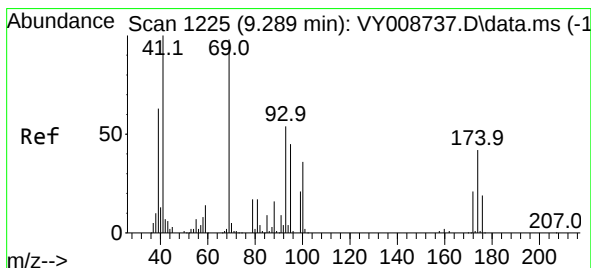
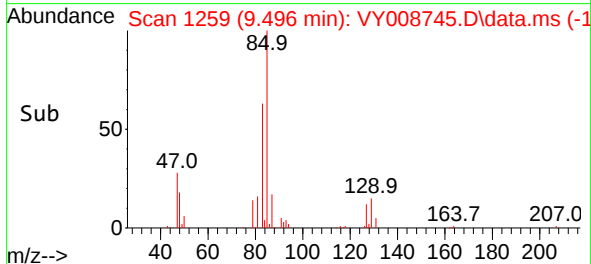
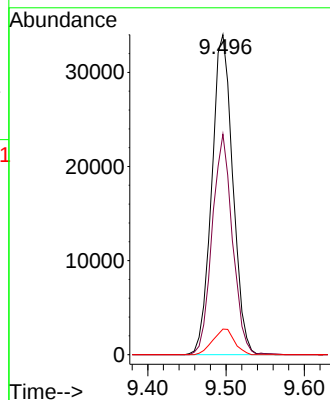
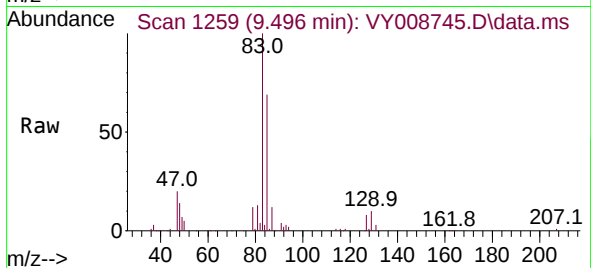




#47
Bromodichloromethane
Concen: 21.256 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

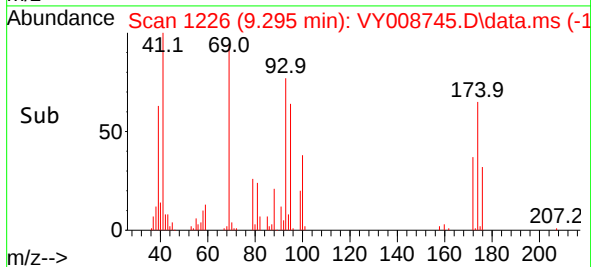
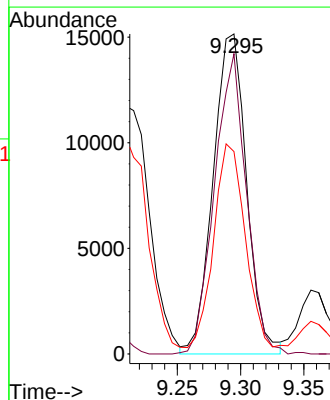
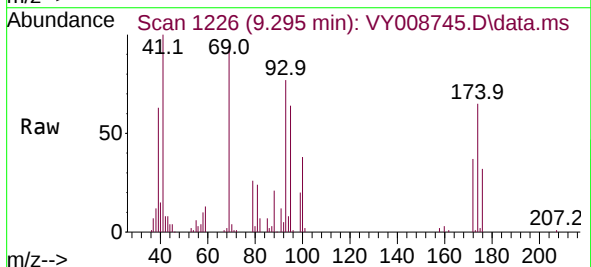
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

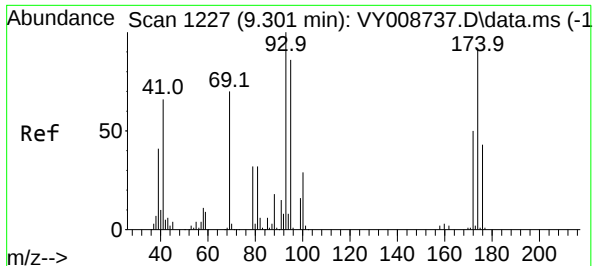
Tgt Ion: 83 Resp: 63405
Ion Ratio Lower Upper
83 100
85 68.9 52.2 78.4
127 8.0 6.8 10.2



#48
Methyl methacrylate
Concen: 23.604 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 41 Resp: 27878
Ion Ratio Lower Upper
41 100
69 89.5 79.4 119.0
39 60.4 49.8 74.6

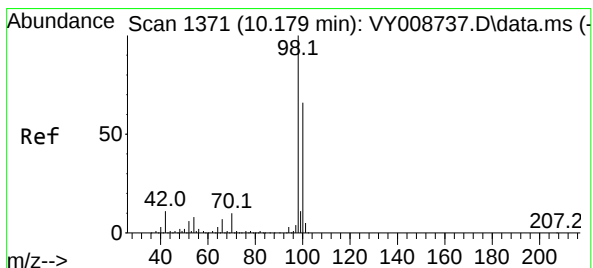
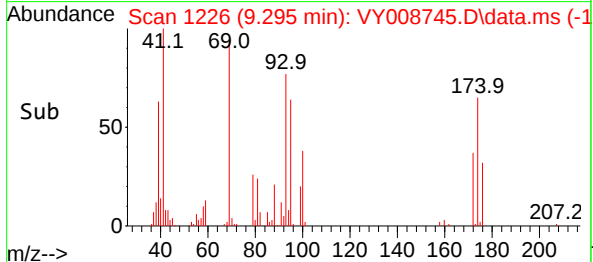
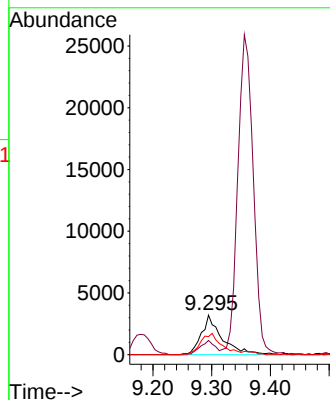
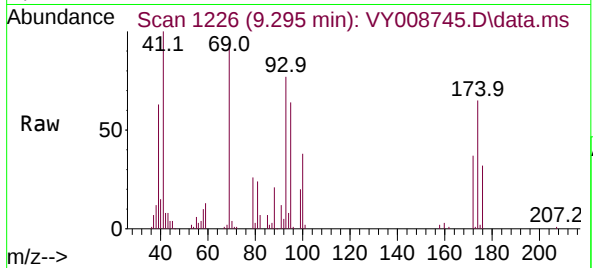




#49
1,4-Dioxane
Concen: 486.209 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

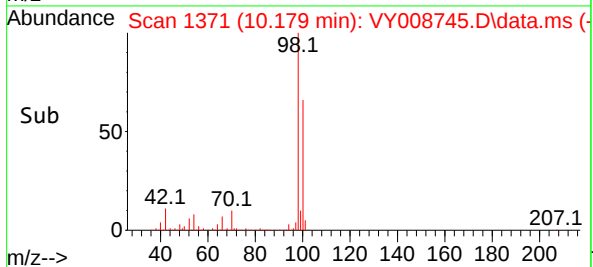
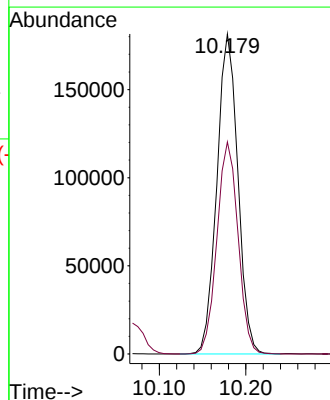
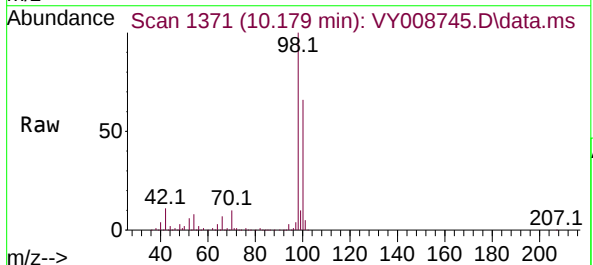
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

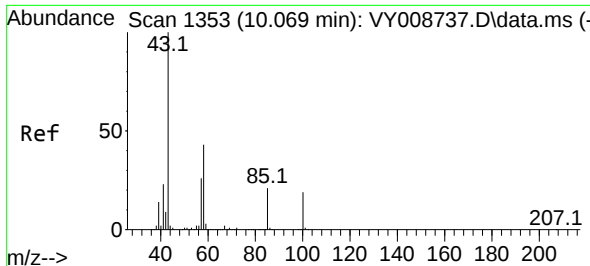
Tgt Ion: 88 Resp: 7840
Ion Ratio Lower Upper
88 100
43 26.0 24.2 36.2
58 53.8 45.7 68.5



#50
Toluene-d8
Concen: 44.815 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 98 Resp: 305588
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2

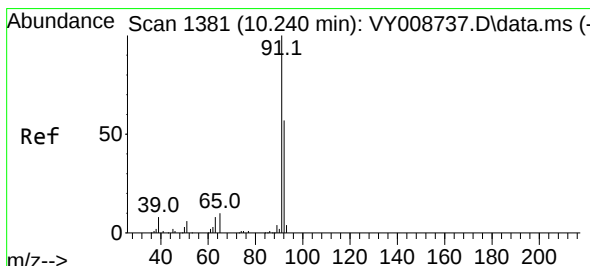
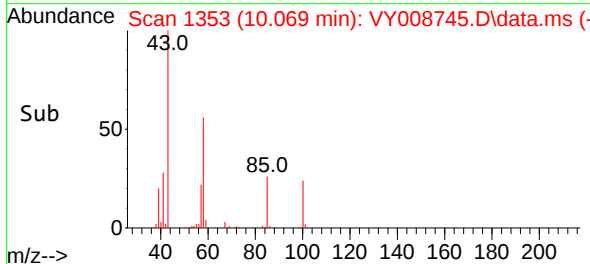
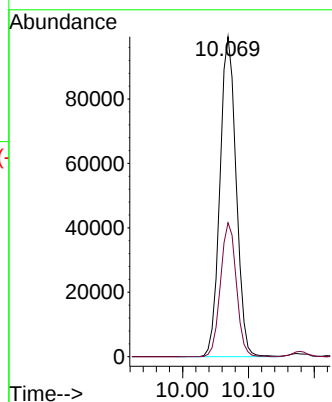
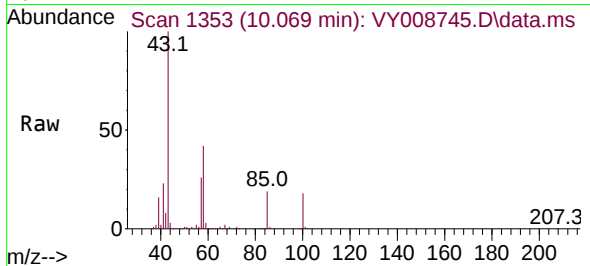




#51
4-Methyl-2-Pentanone
Concen: 115.415 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

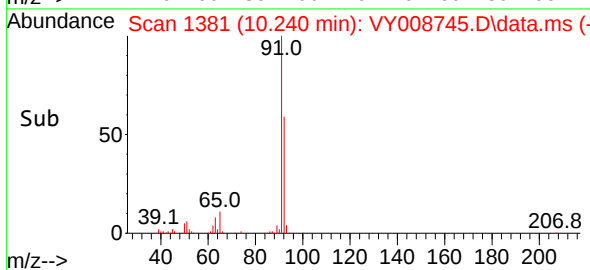
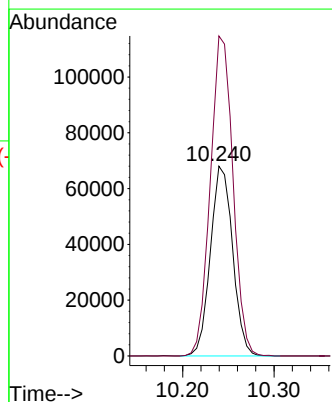
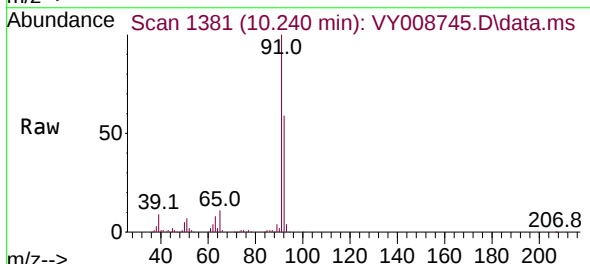
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

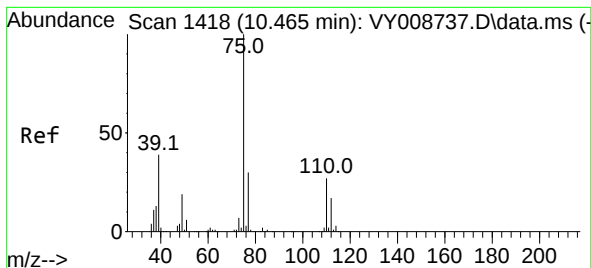
Tgt Ion: 43 Resp: 170633
Ion Ratio Lower Upper
43 100
58 40.8 33.6 50.4



#52
Toluene
Concen: 20.569 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 92 Resp: 114975
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4

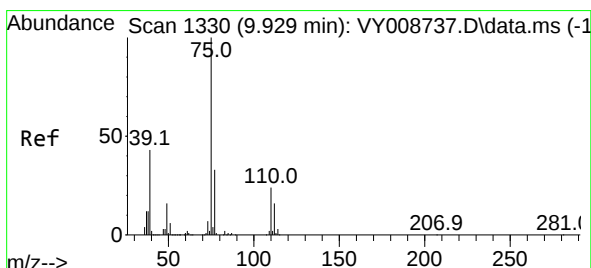
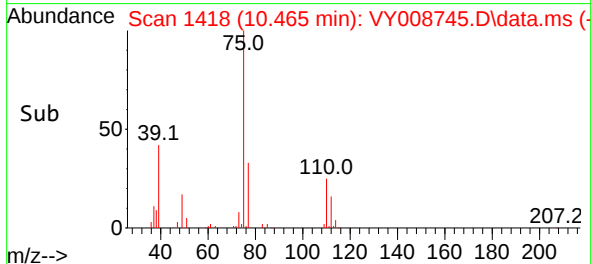
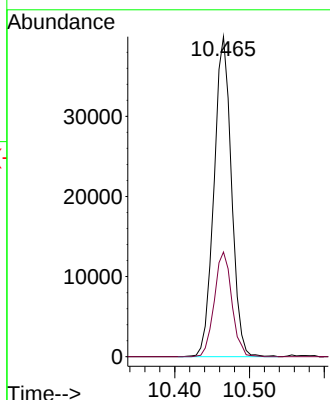
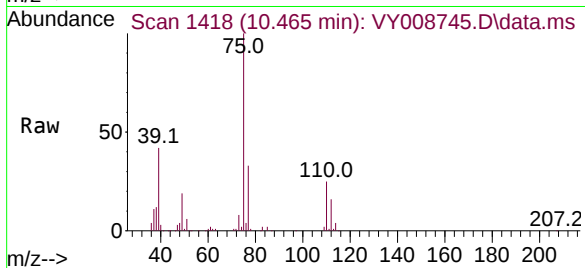




#53
t-1,3-Dichloropropene
Concen: 21.057 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

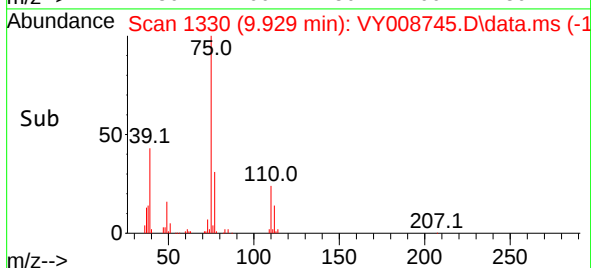
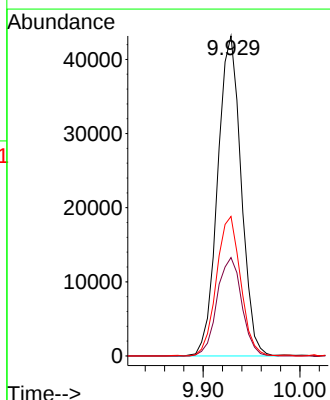
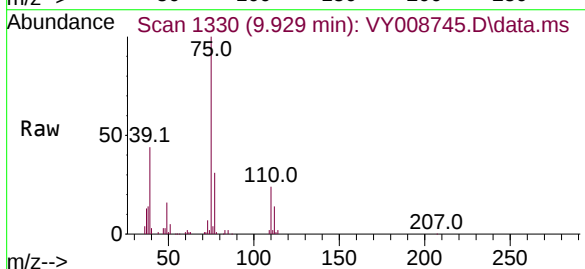
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

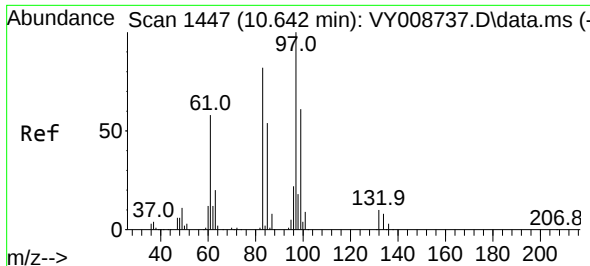
Tgt Ion: 75 Resp: 64755
Ion Ratio Lower Upper
75 100
77 32.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 21.218 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 75 Resp: 72905
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2
39 43.5 34.6 51.8

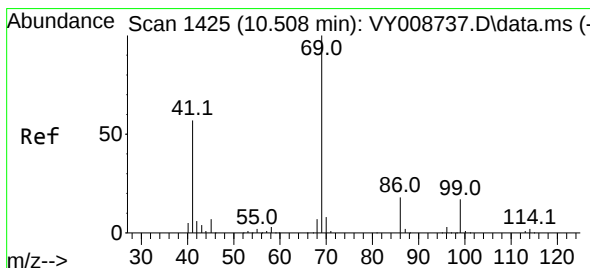
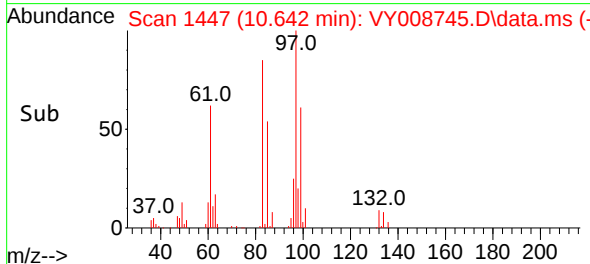
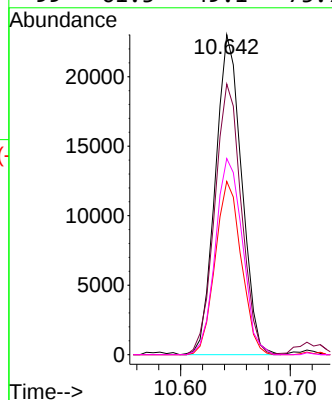
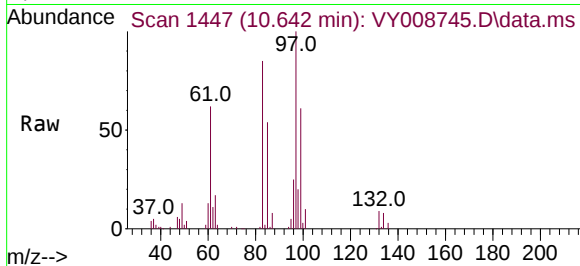




#55
1,1,2-Trichloroethane
Concen: 21.758 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

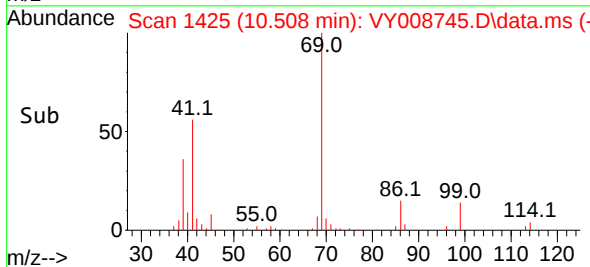
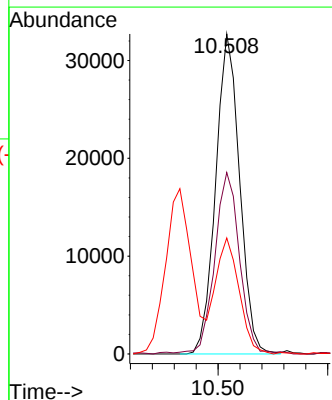
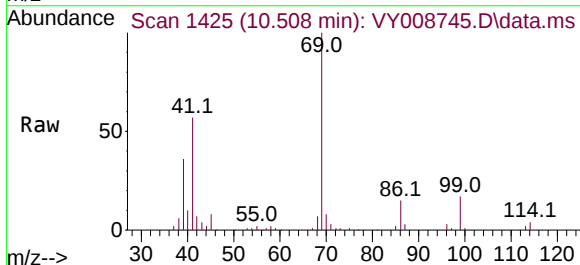
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

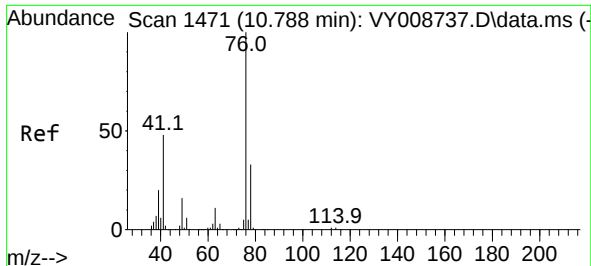
Tgt Ion:	97	Resp:	38399
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.9	98.9
85	54.2	43.2	64.8
99	61.3	49.1	73.7



#56
Ethyl methacrylate
Concen: 21.847 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:	69	Resp:	49627
Ion	Ratio	Lower	Upper
69	100		
41	59.2	45.5	68.3
39	35.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 22.041 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

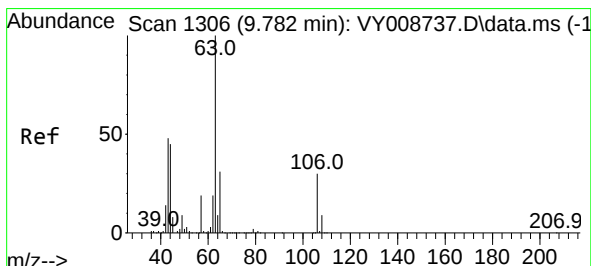
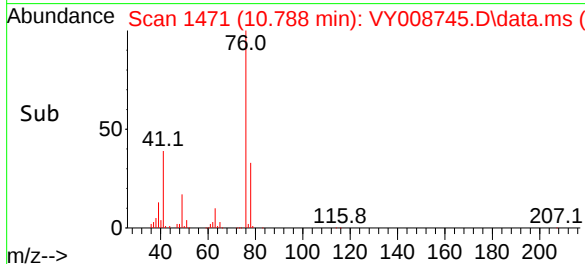
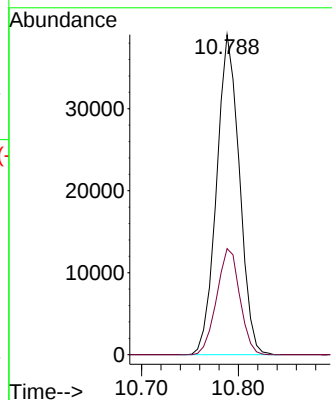
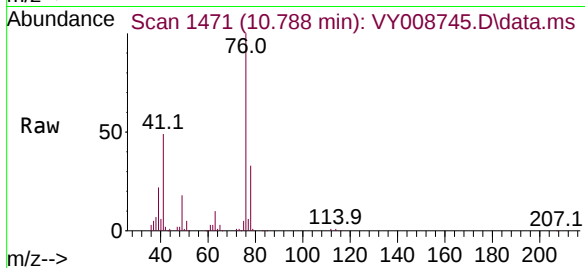
VY0513SBS01

Tgt Ion: 76 Resp: 63817

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.765 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008745.D

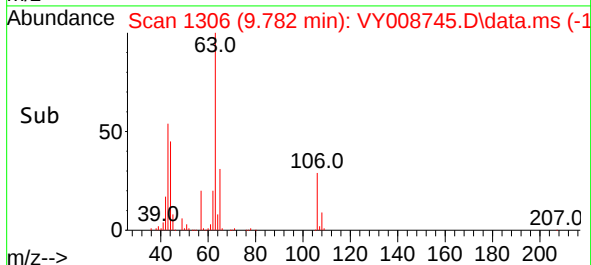
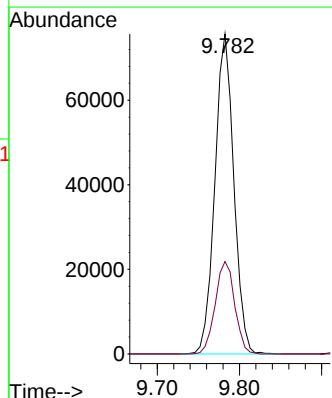
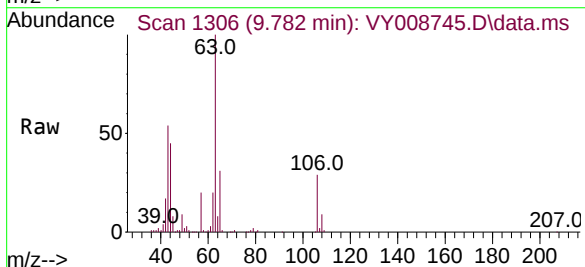
Acq: 13 May 2022 13:40

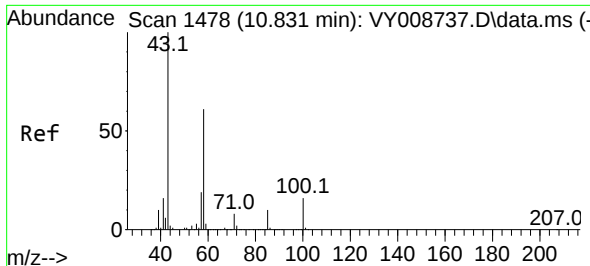
Tgt Ion: 63 Resp: 121062

Ion Ratio Lower Upper

63 100

106 29.6 23.5 35.3

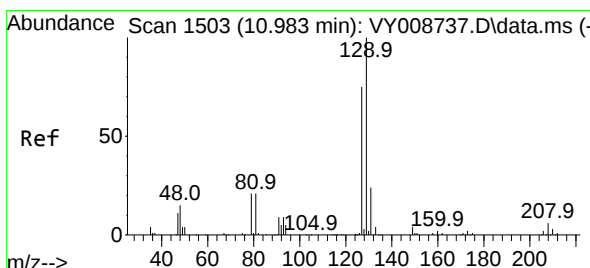
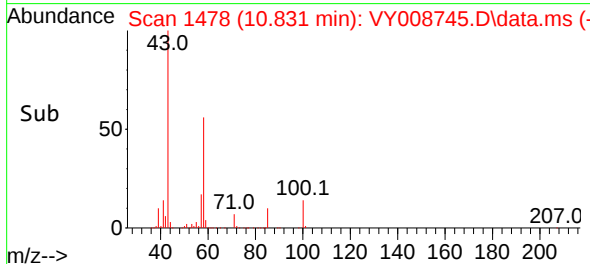
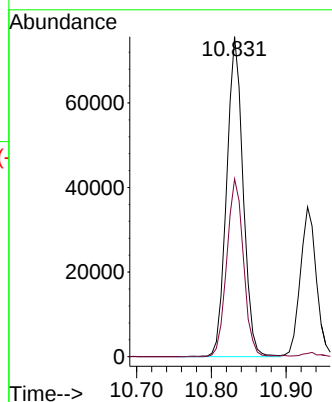
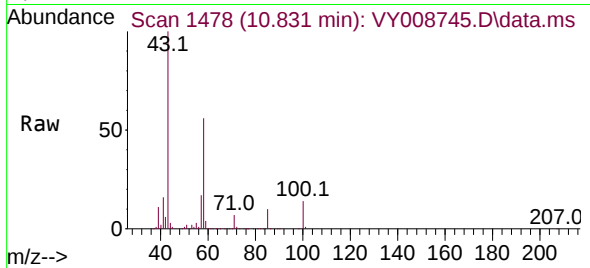




#59
2-Hexanone
Concen: 116.283 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

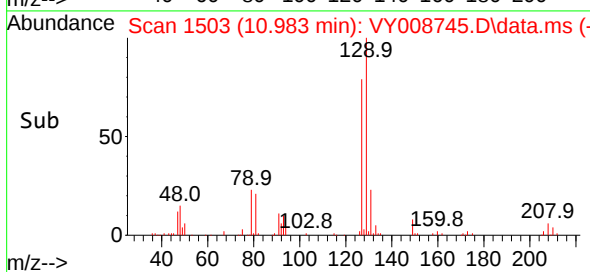
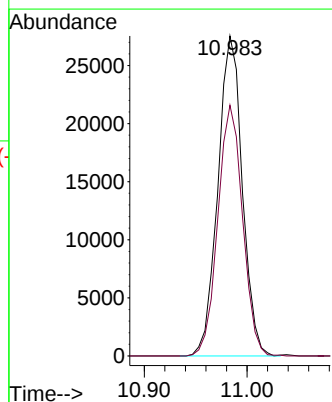
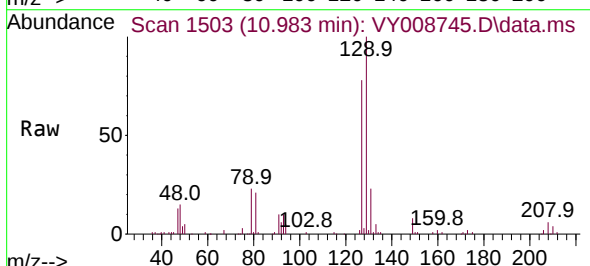
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

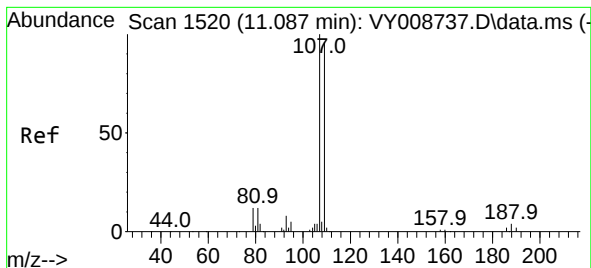
Tgt Ion: 43 Resp: 115854
Ion Ratio Lower Upper
43 100
58 56.4 29.6 88.8



#60
Dibromochloromethane
Concen: 21.508 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 129 Resp: 45416
Ion Ratio Lower Upper
129 100
127 79.3 39.0 116.9

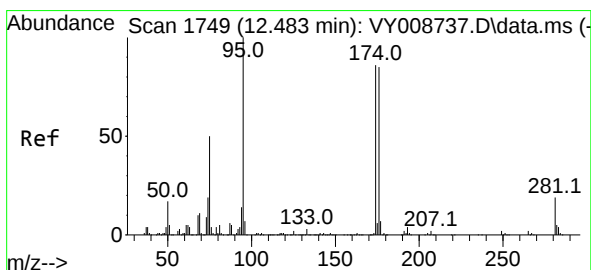
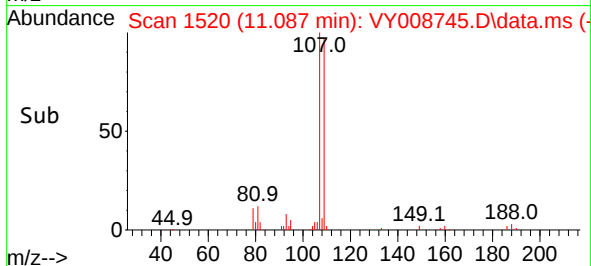
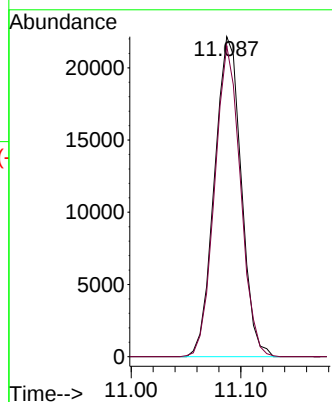
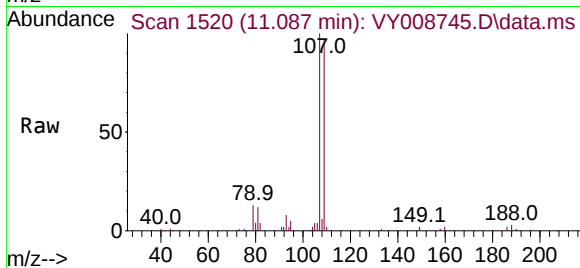




#61
1,2-Dibromoethane
Concen: 22.104 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

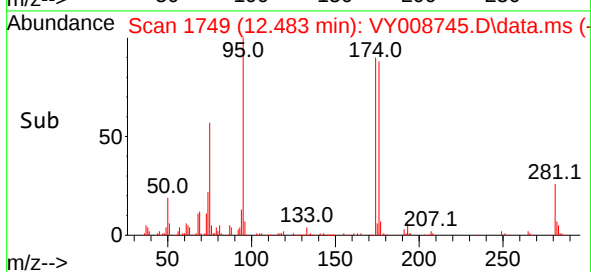
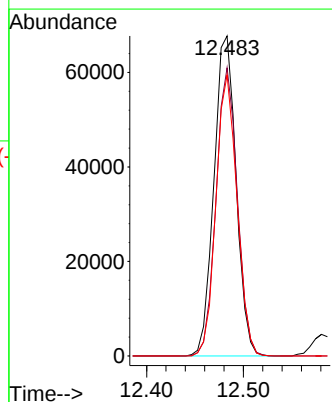
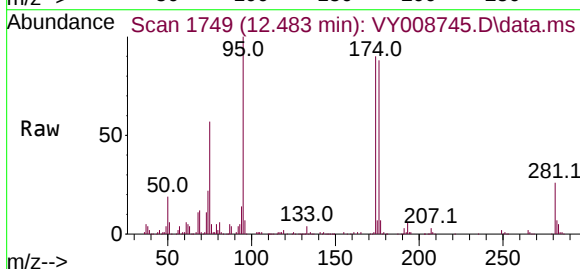
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

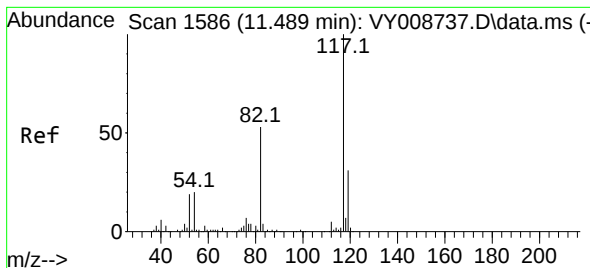
Tgt Ion:107 Resp: 37525
Ion Ratio Lower Upper
107 100
109 93.8 78.2 117.4



#62
4-Bromofluorobenzene
Concen: 45.514 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 95 Resp: 107528
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.2
176 83.6 0.0 168.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

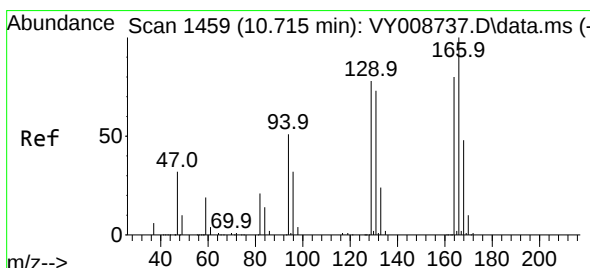
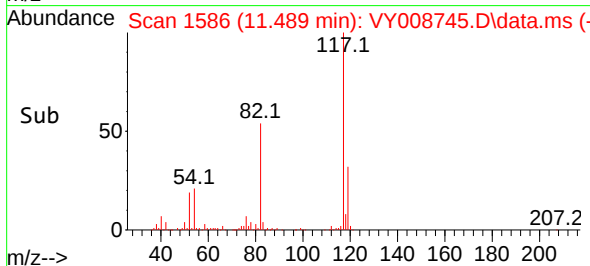
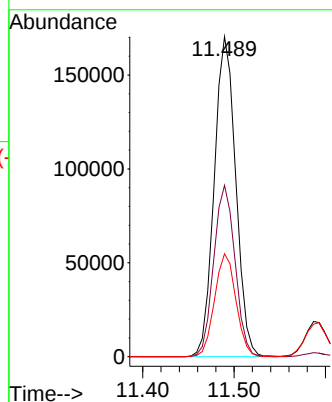
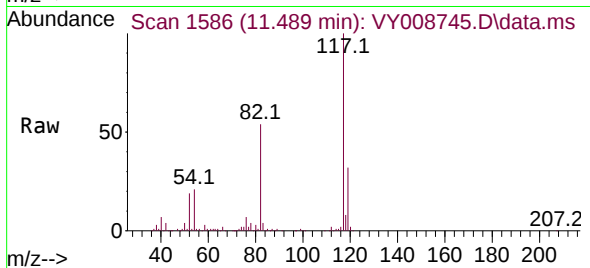
Tgt Ion:117 Resp: 279286

Ion Ratio Lower Upper

117 100

82 53.6 42.3 63.5

119 32.2 24.6 37.0



#64

Tetrachloroethene

Concen: 20.660 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Tgt Ion:164 Resp: 43331

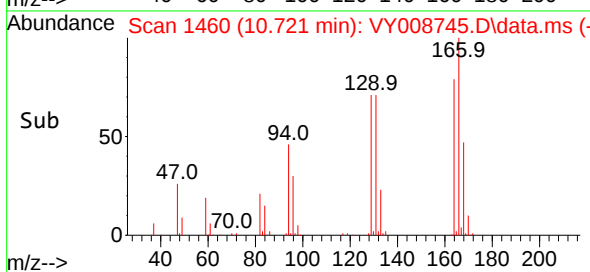
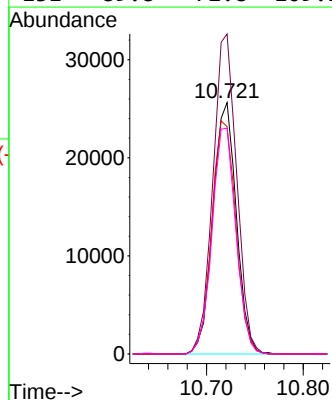
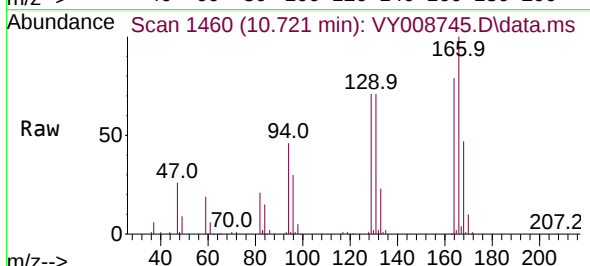
Ion Ratio Lower Upper

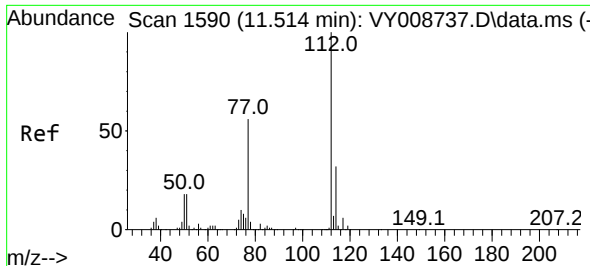
164 100

166 127.3 99.8 149.6

129 90.4 78.1 117.1

131 89.8 72.8 109.2

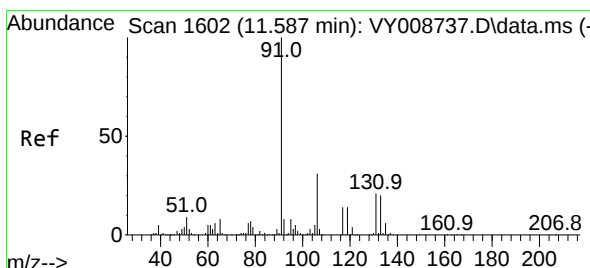
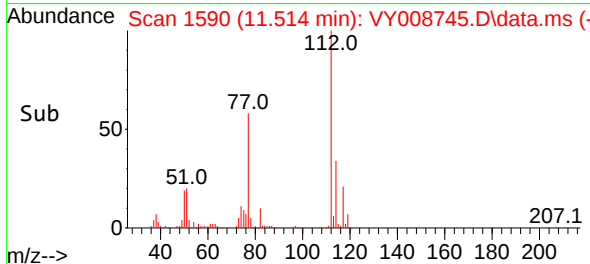
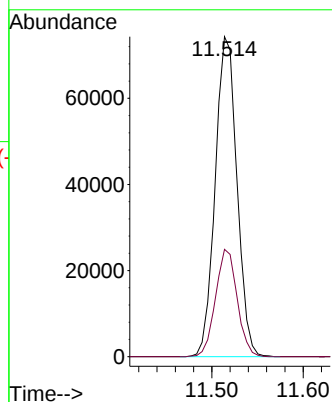
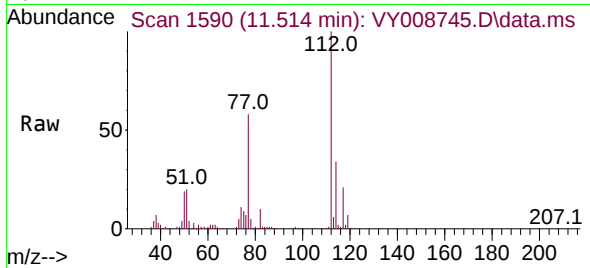




#65
Chlorobenzene
Concen: 20.671 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

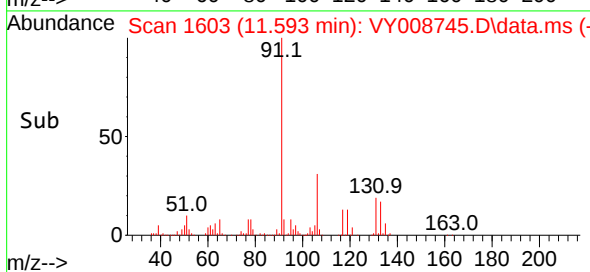
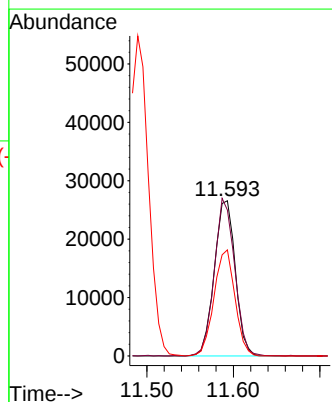
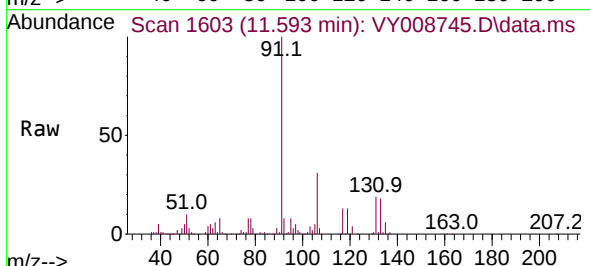
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

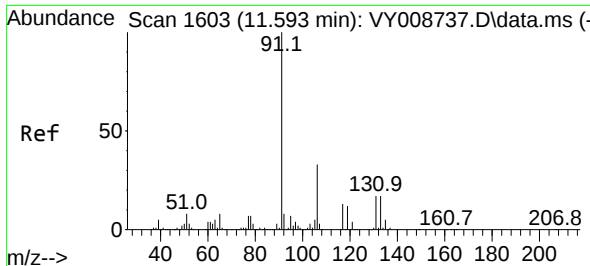
Tgt Ion:112 Resp: 122784
Ion Ratio Lower Upper
112 100
114 33.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.295 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:131 Resp: 44764
Ion Ratio Lower Upper
131 100
133 98.7 47.4 142.3
119 68.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.369 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

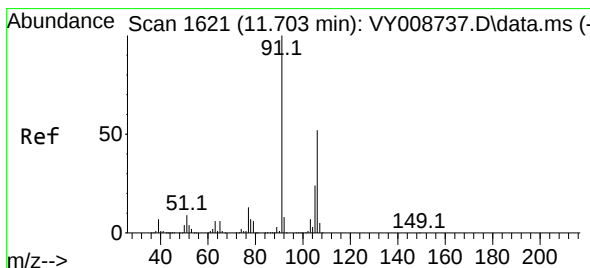
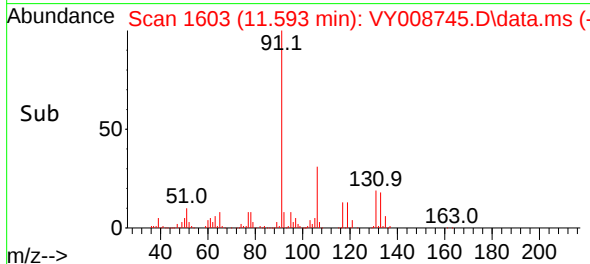
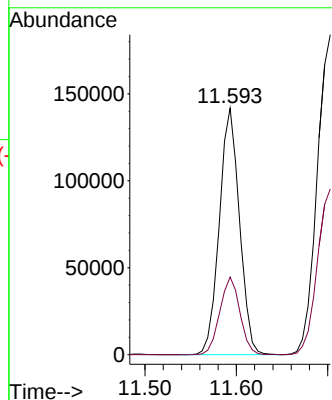
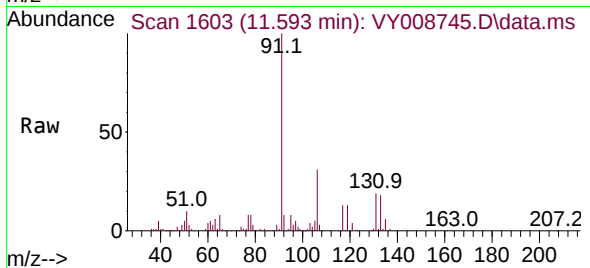
VY0513SBSD01

Tgt Ion: 91 Resp: 217230

Ion Ratio Lower Upper

91 100

106 31.5 26.3 39.5



#68

m/p-Xylenes

Concen: 40.658 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008745.D

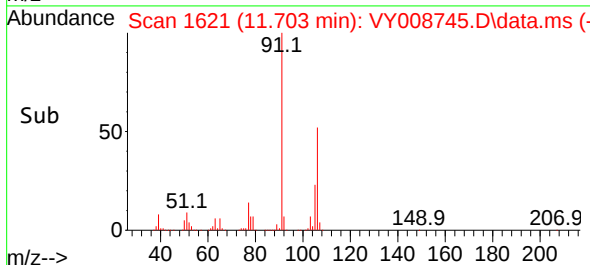
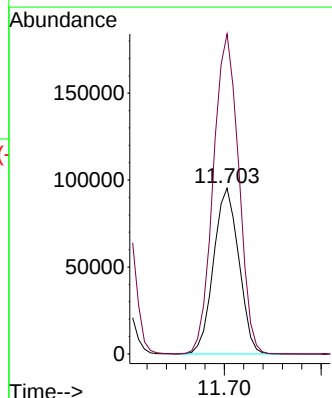
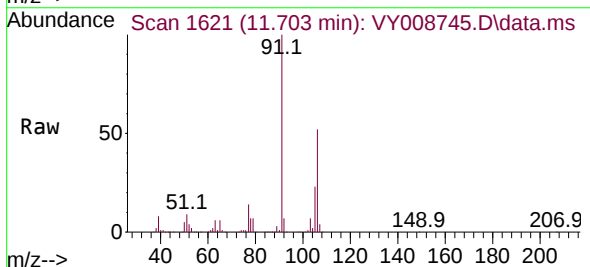
Acq: 13 May 2022 13:40

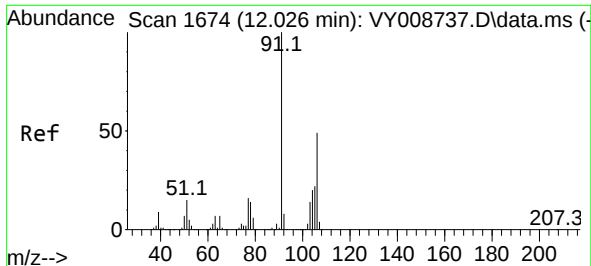
Tgt Ion: 106 Resp: 172901

Ion Ratio Lower Upper

106 100

91 193.9 156.4 234.6

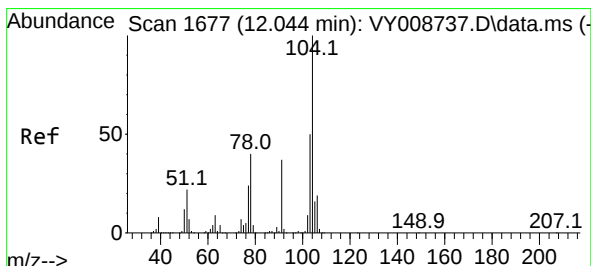
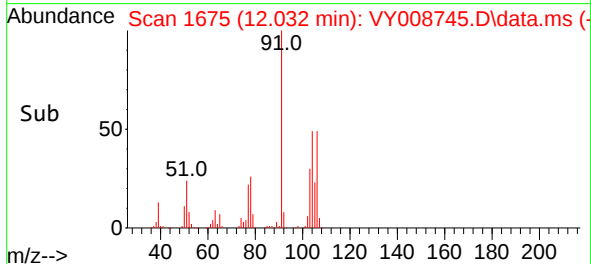
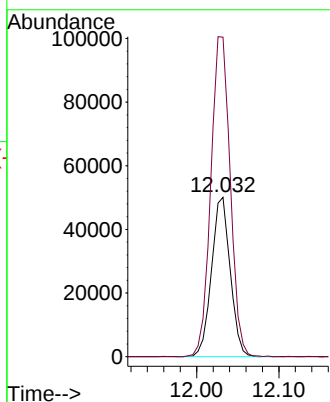
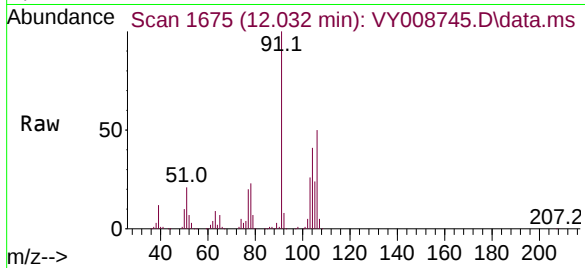




#69
o-Xylene
Concen: 19.772 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

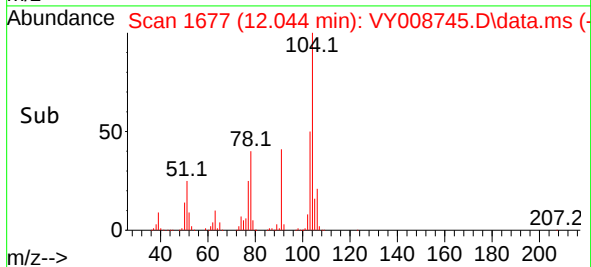
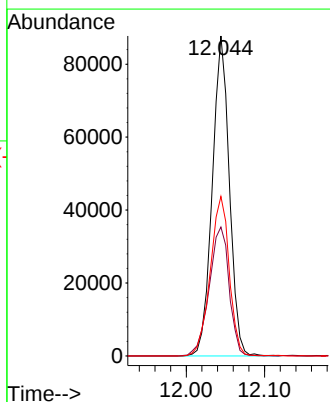
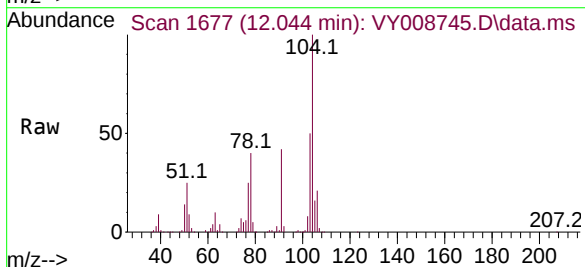
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

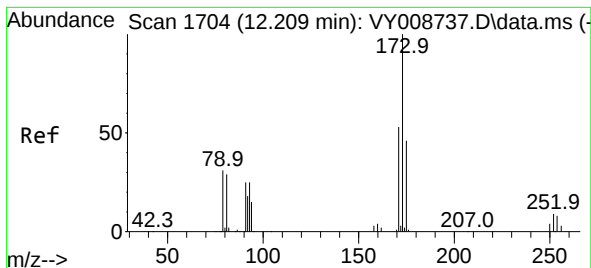
Tgt Ion:106 Resp: 79065
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1



#70
Styrene
Concen: 19.980 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:104 Resp: 133009
Ion Ratio Lower Upper
104 100
78 47.1 35.9 53.9
103 55.2 43.1 64.7





#71

Bromoform

Concen: 20.642 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

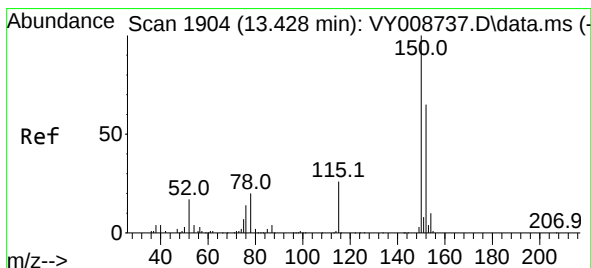
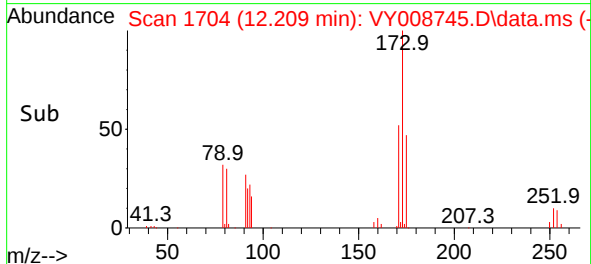
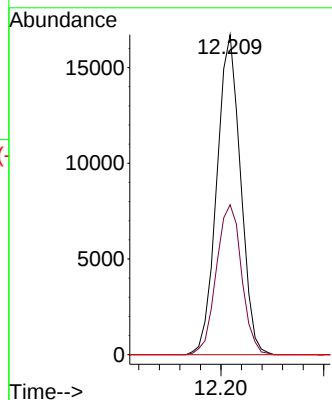
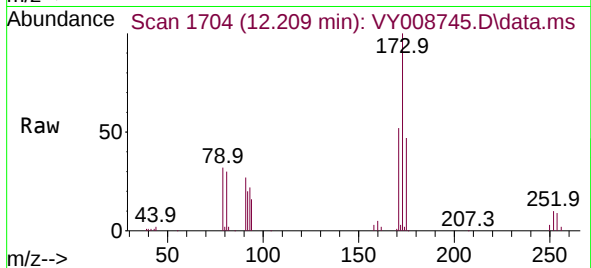
Tgt Ion:173 Resp: 26795

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

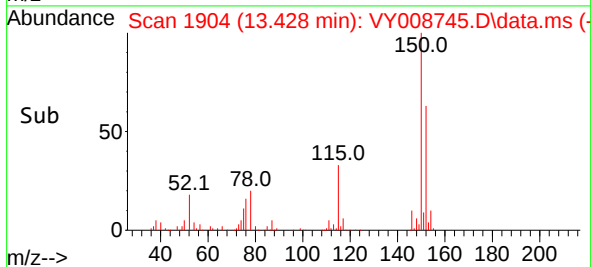
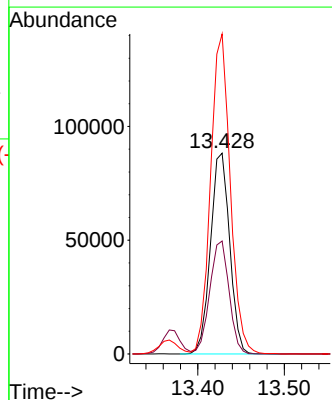
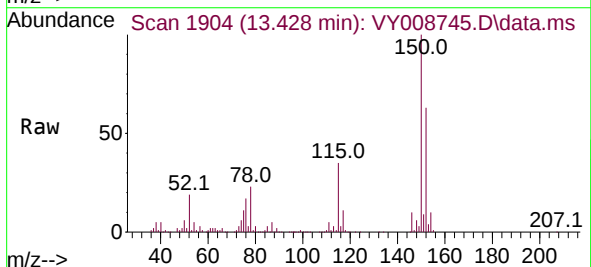
Tgt Ion:152 Resp: 135719

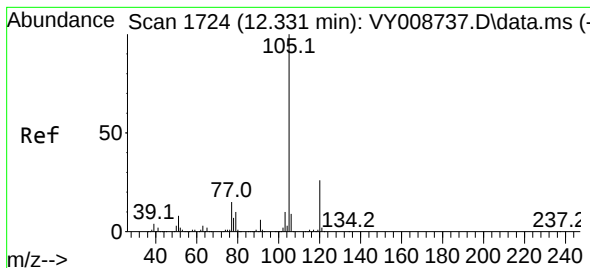
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 163.5 0.0 348.2





#73

Isopropylbenzene

Concen: 20.473 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

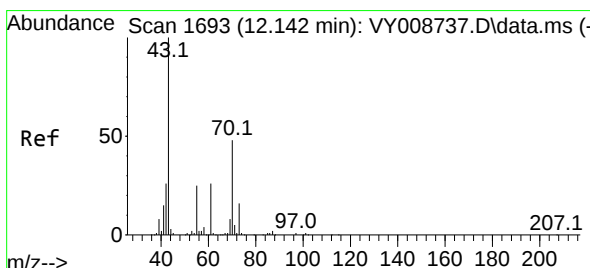
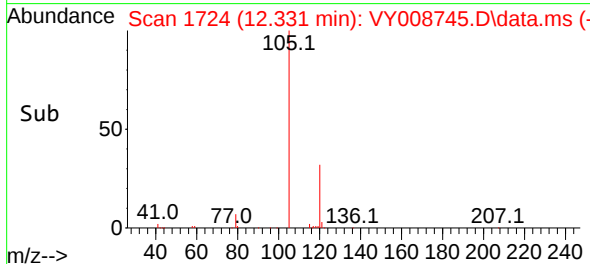
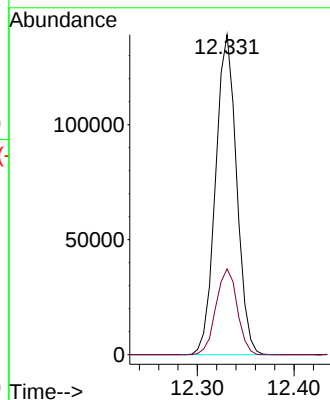
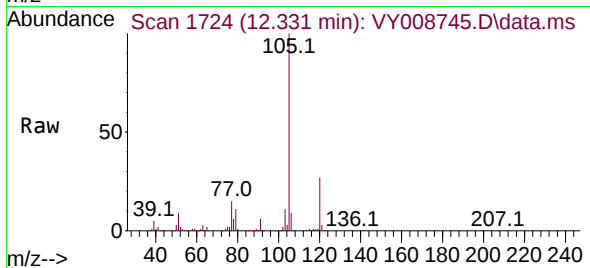
VY0513SBSD01

Tgt Ion:105 Resp: 210195

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 22.424 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Tgt Ion: 43 Resp: 53223

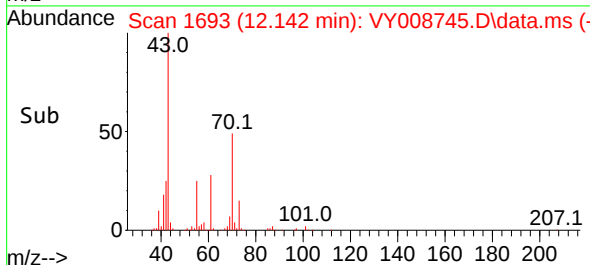
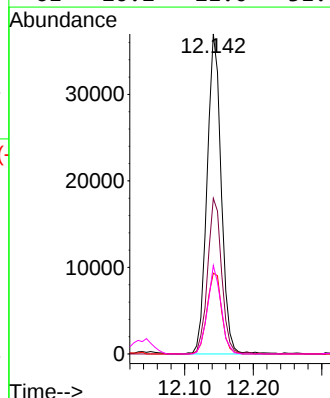
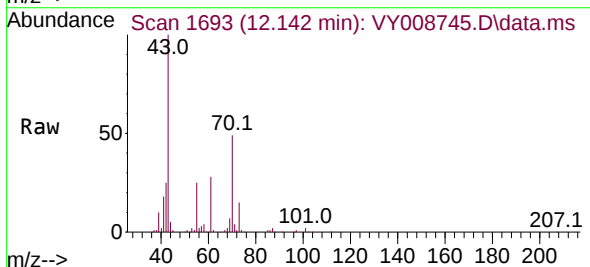
Ion Ratio Lower Upper

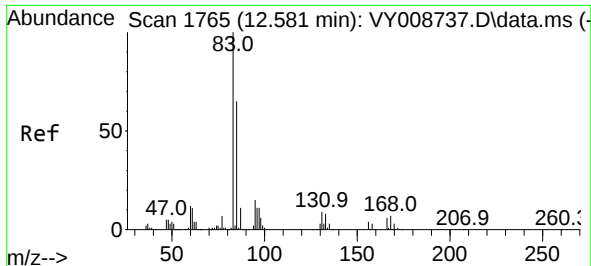
43 100

70 48.3 39.0 58.4

55 26.2 20.2 30.4

61 26.2 21.0 31.4

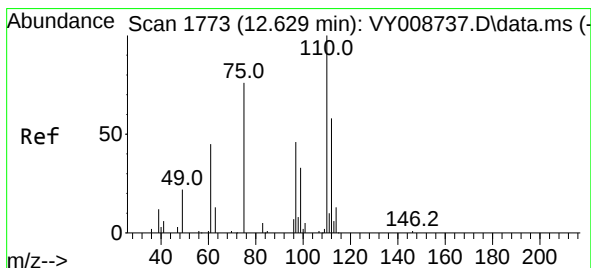
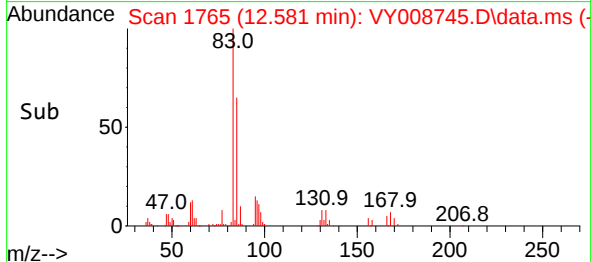
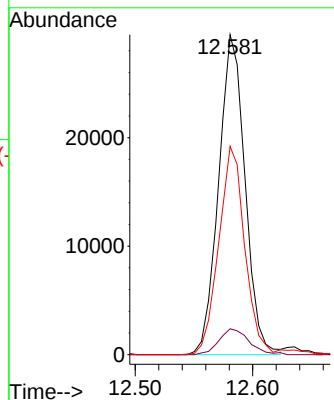
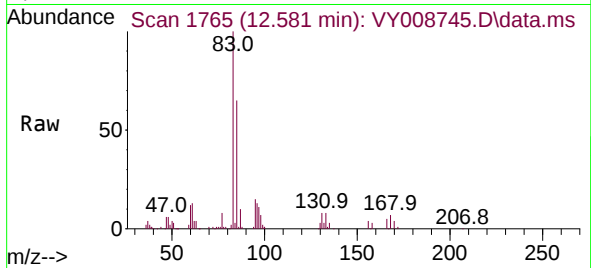




#75
1,1,2-Tetrachloroethane
Concen: 21.834 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

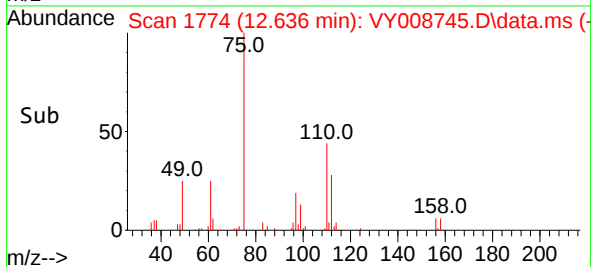
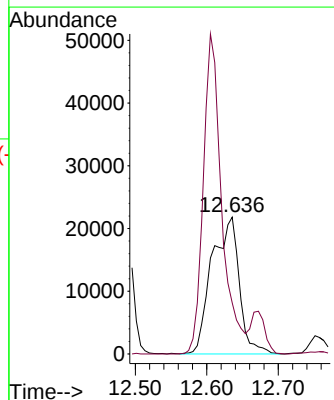
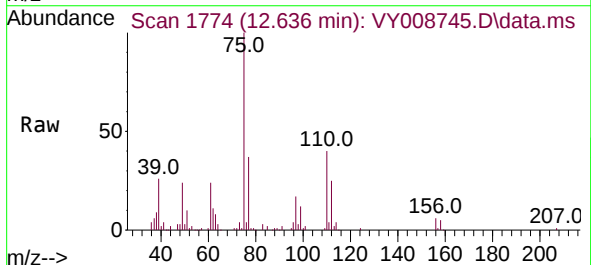
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

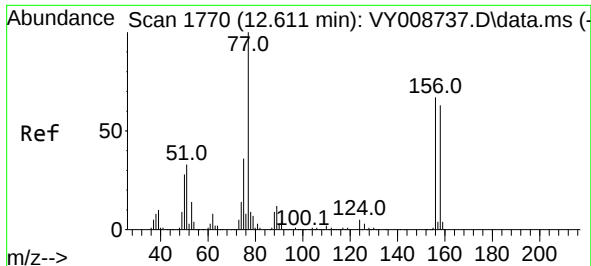
Tgt Ion: 83 Resp: 46047
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 42.726 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 75 Resp: 58351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

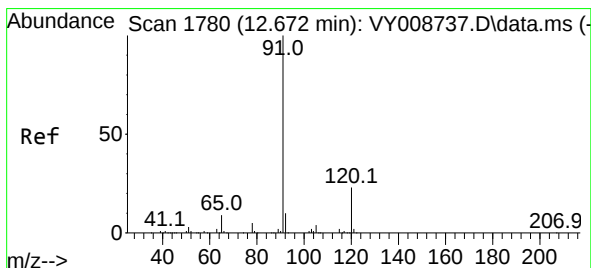
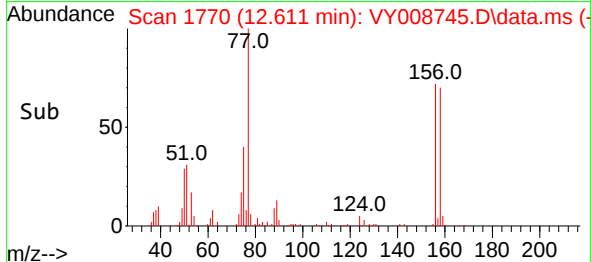
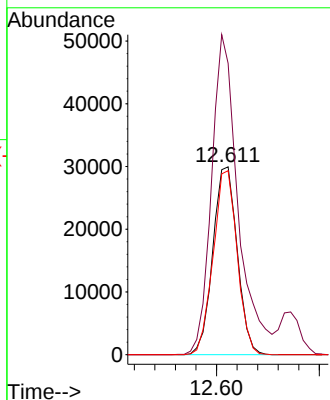
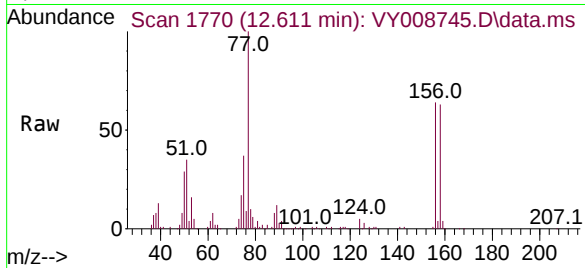




#77
Bromobenzene
Concen: 21.187 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

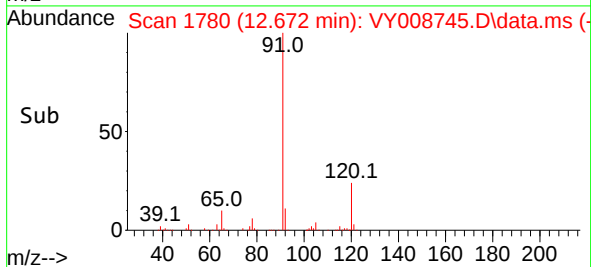
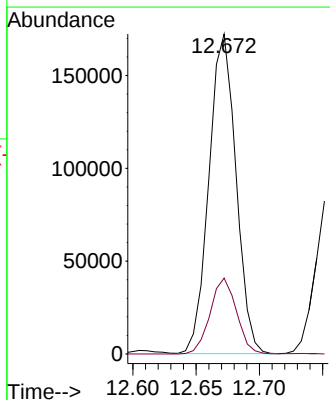
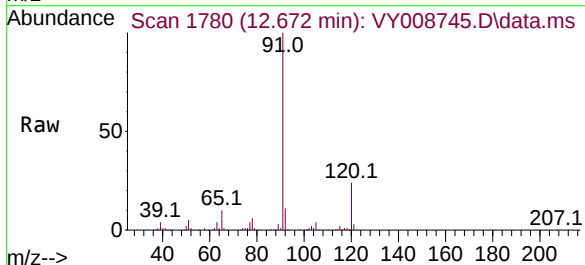
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

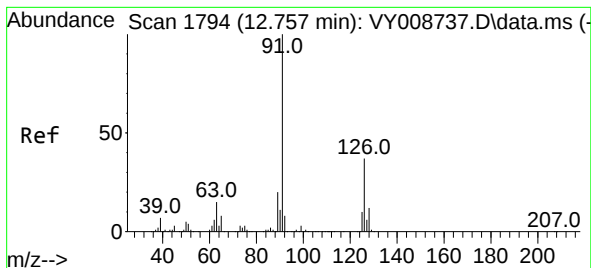
Tgt Ion:156 Resp: 49251
Ion Ratio Lower Upper
156 100
77 185.7 91.1 273.3
158 96.4 48.2 144.6



#78
n-propylbenzene
Concen: 20.612 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 91 Resp: 256313
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.719 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

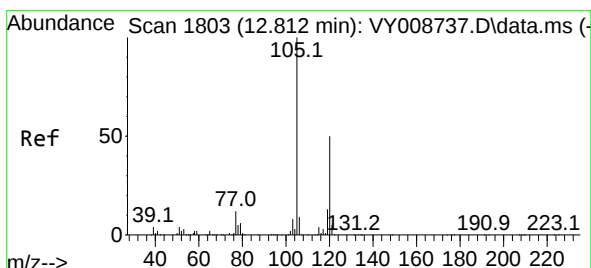
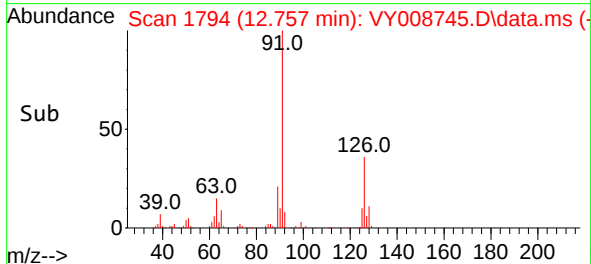
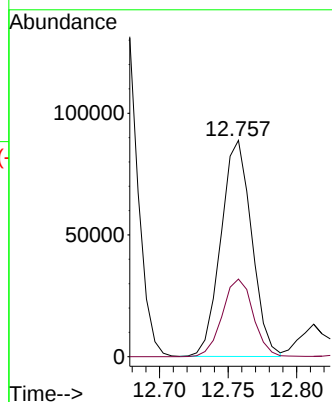
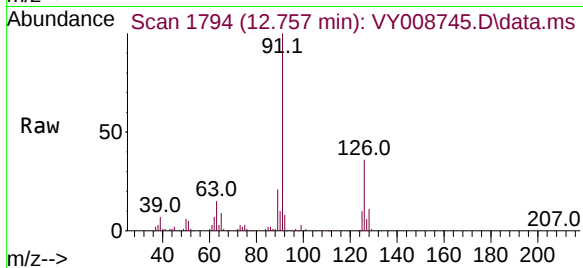
VY0513SBS01

Tgt Ion: 91 Resp: 138718

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.656 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008745.D

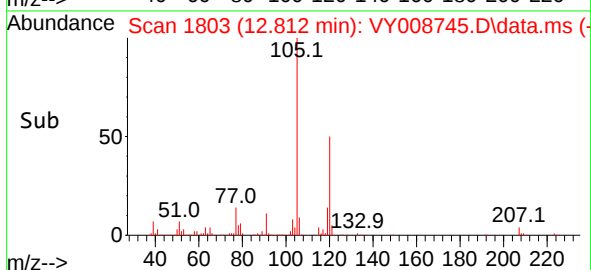
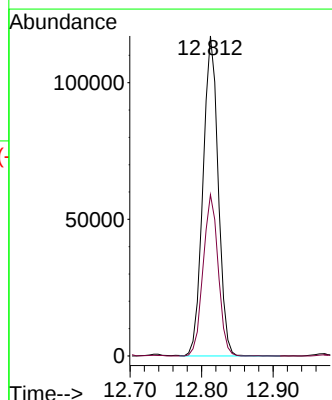
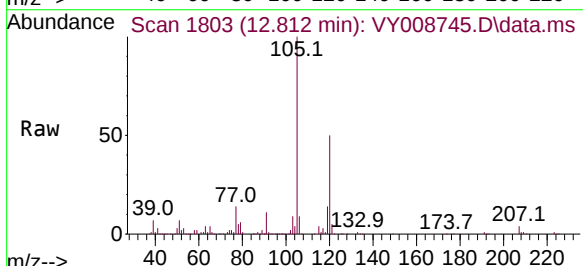
Acq: 13 May 2022 13:40

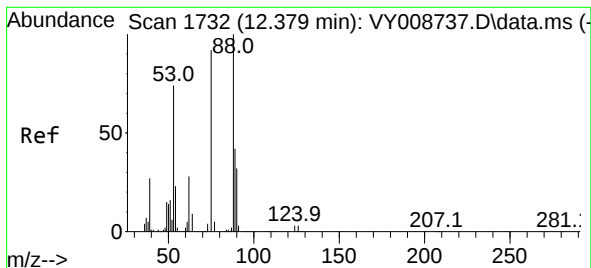
Tgt Ion: 105 Resp: 172928

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.4

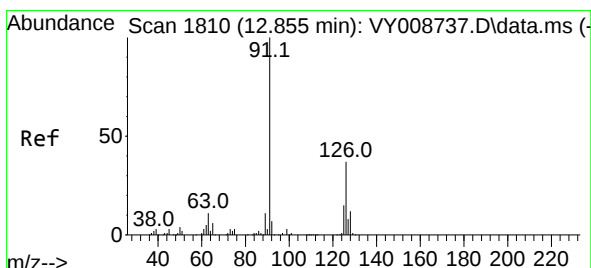
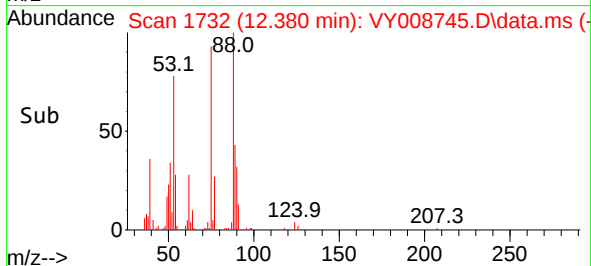
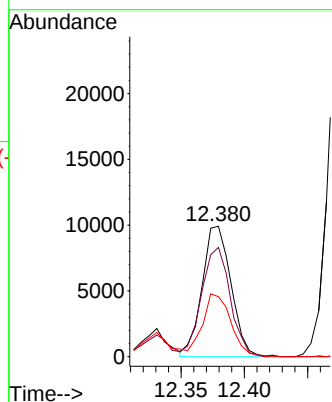
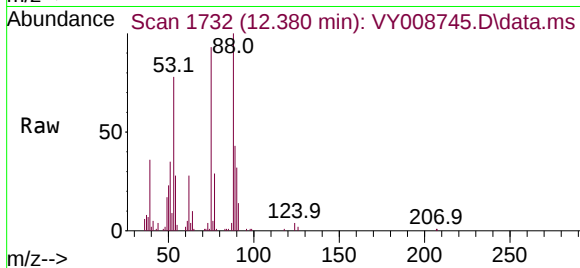




#81
trans-1,4-Dichloro-2-butene
Concen: 22.309 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

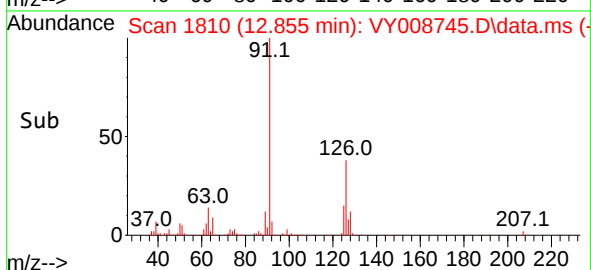
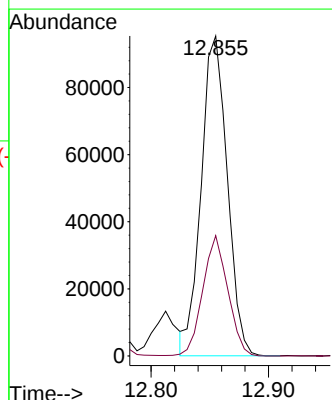
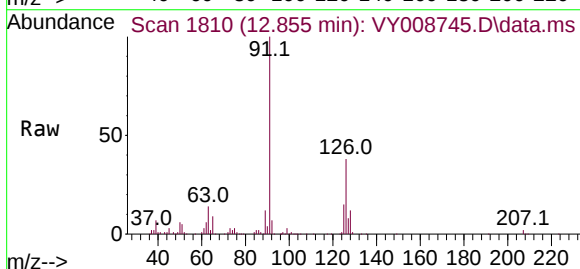
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

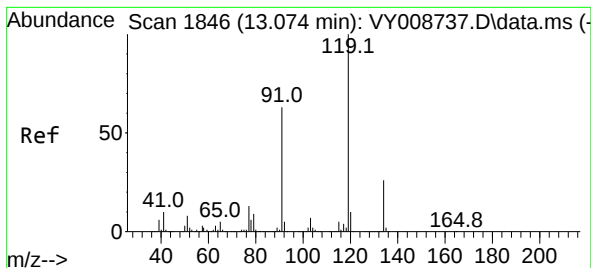
Tgt Ion: 75 Resp: 15771
Ion Ratio Lower Upper
75 100
53 83.5 66.3 99.5
89 46.5 36.8 55.2



#82
4-Chlorotoluene
Concen: 20.842 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion: 91 Resp: 146917
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.146 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

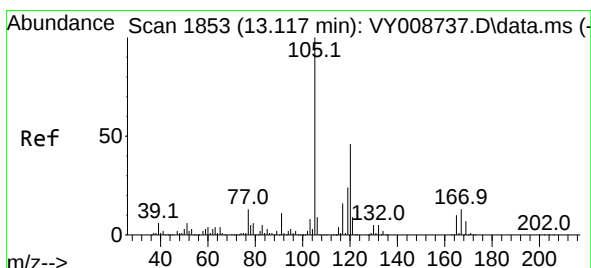
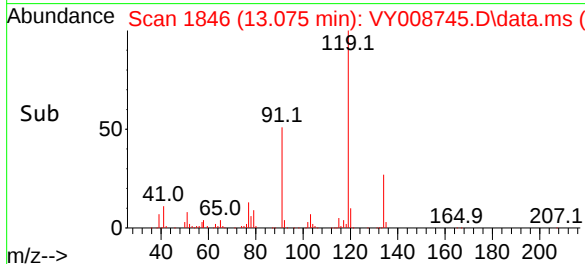
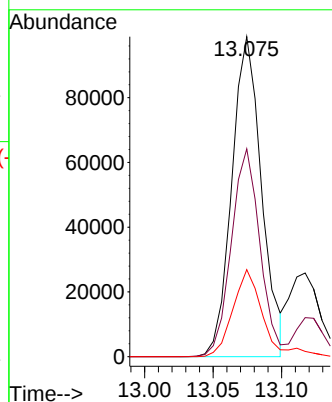
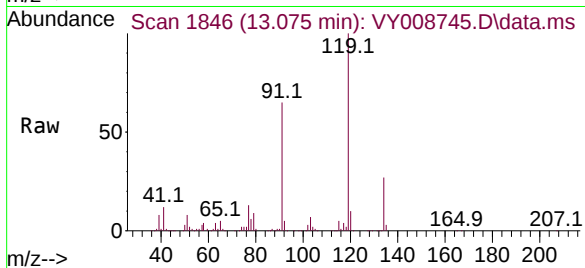
Tgt Ion:119 Resp: 149846

Ion Ratio Lower Upper

119 100

91 62.2 31.2 93.6

134 27.6 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 20.999 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008745.D

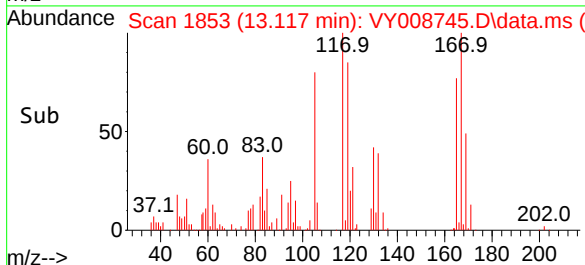
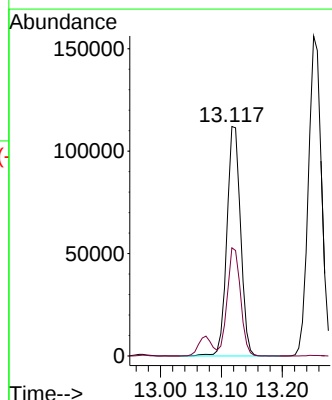
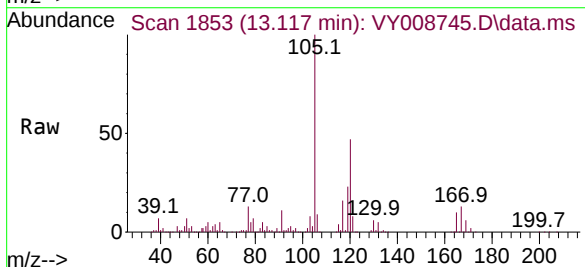
Acq: 13 May 2022 13:40

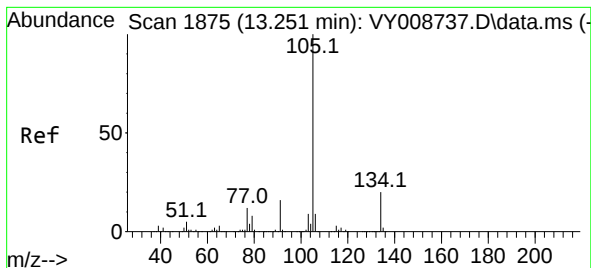
Tgt Ion:105 Resp: 174728

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.631 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

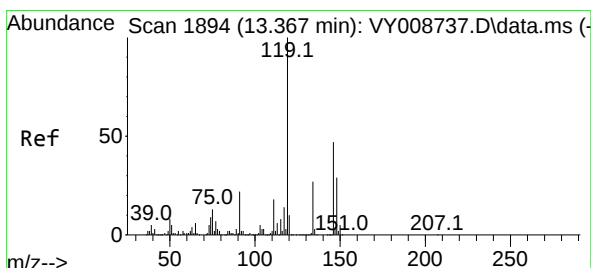
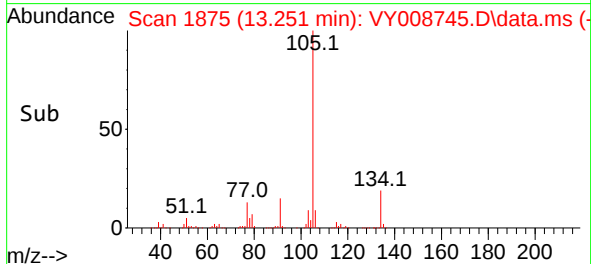
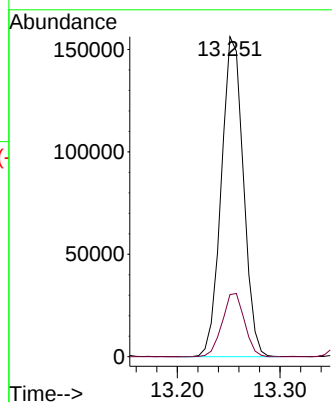
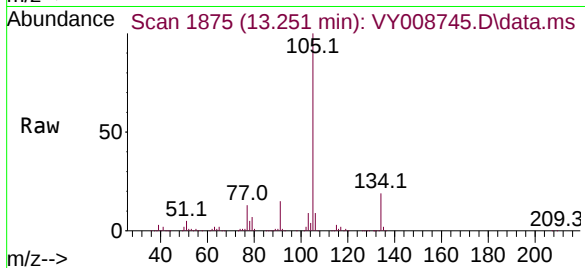
VY0513SBSD01

Tgt Ion:105 Resp: 232836

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.954 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

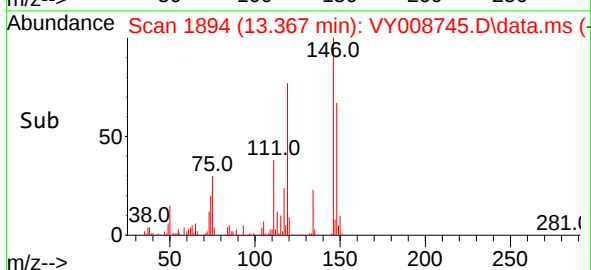
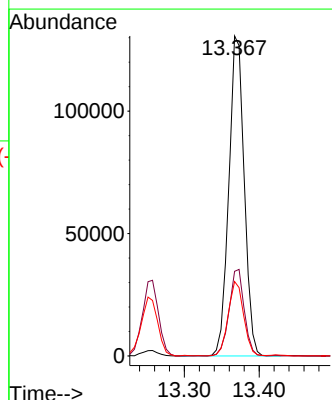
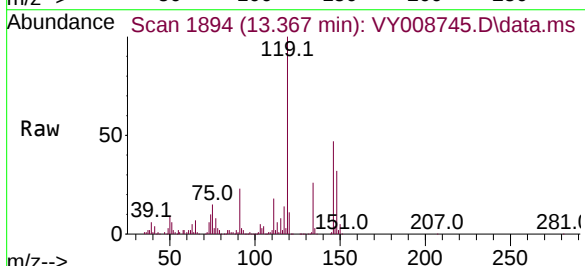
Tgt Ion:119 Resp: 187967

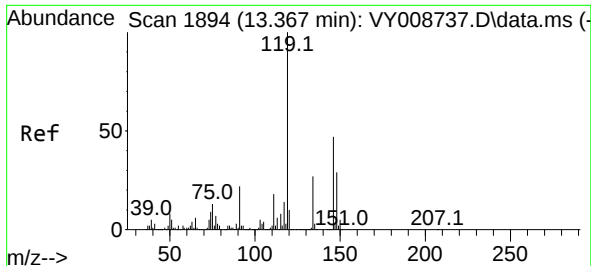
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 20.111 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

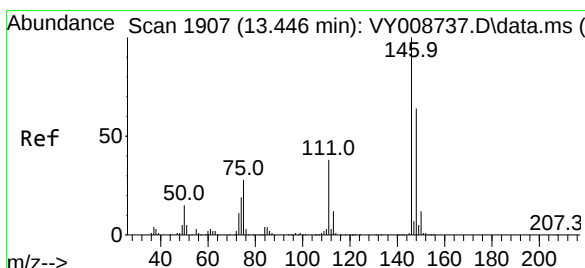
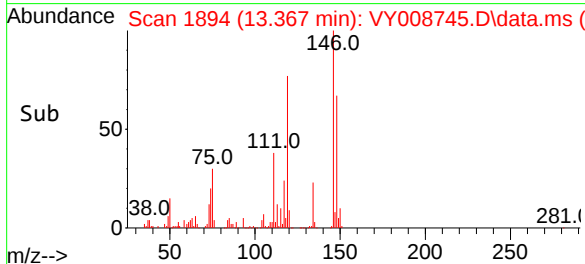
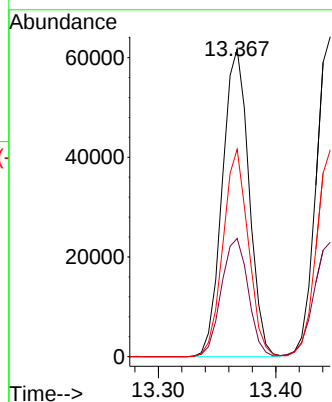
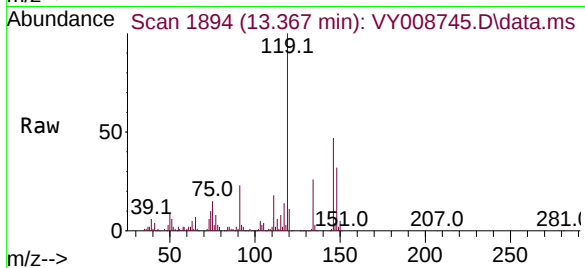
Tgt Ion:146 Resp: 97126

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

148 64.1 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 20.791 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

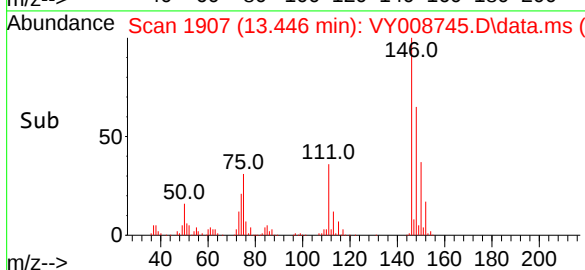
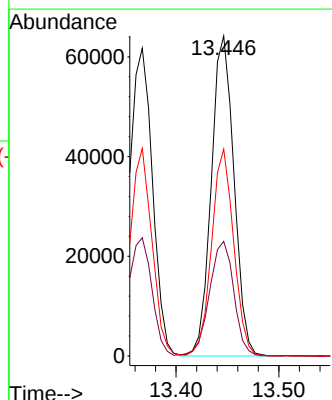
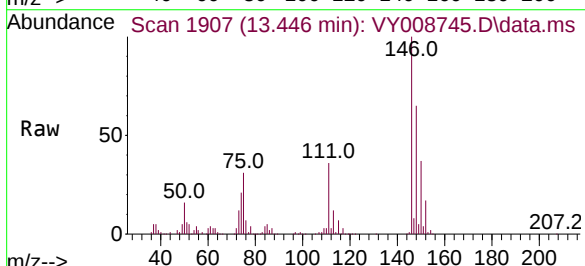
Tgt Ion:146 Resp: 98547

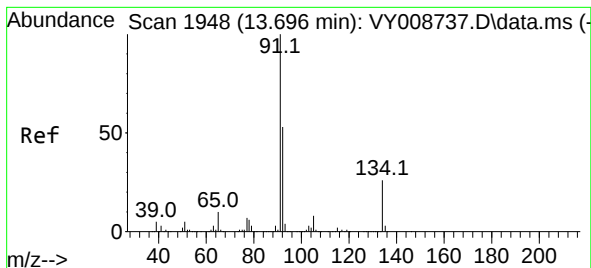
Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 62.9 32.0 96.0





#89

n-Butylbenzene

Concen: 20.263 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

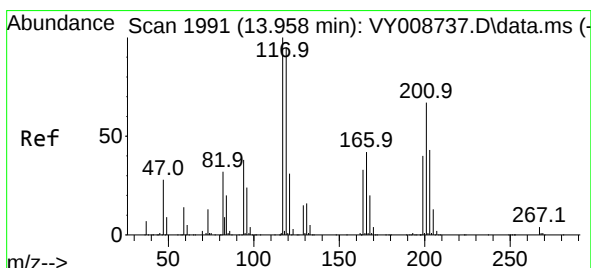
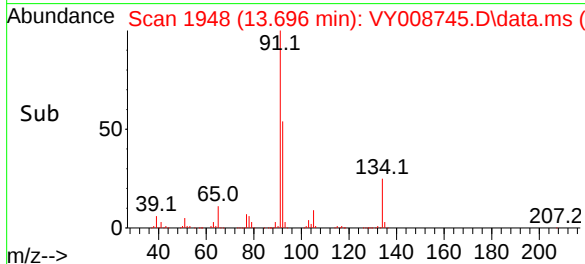
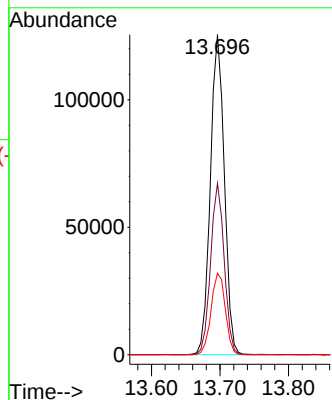
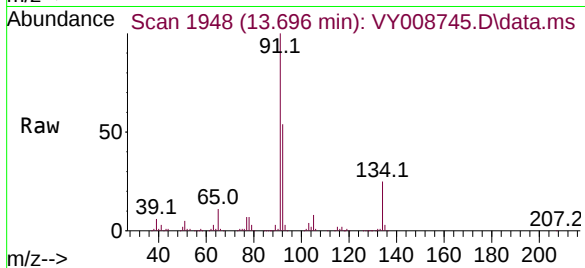
Tgt Ion: 91 Resp: 178520

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 26.0 13.2 39.6



#90

Hexachloroethane

Concen: 20.994 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY008745.D

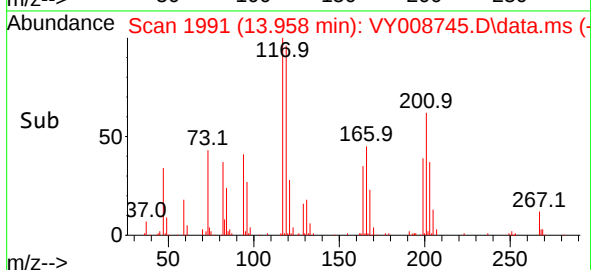
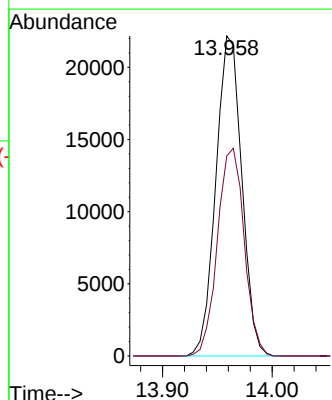
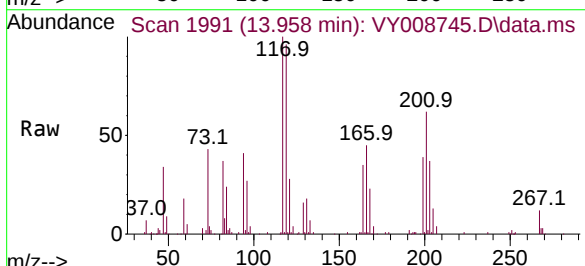
Acq: 13 May 2022 13:40

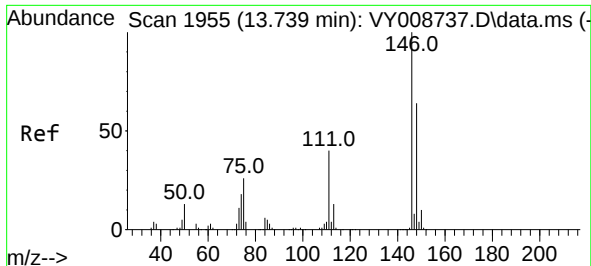
Tgt Ion: 117 Resp: 36483

Ion Ratio Lower Upper

117 100

201 66.9 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 20.558 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBS01

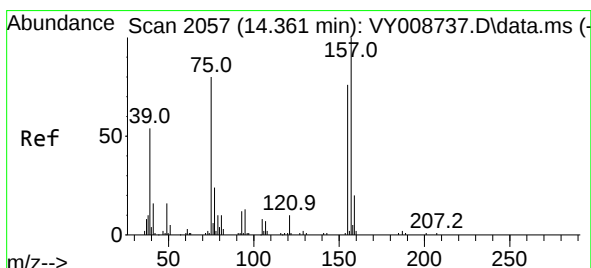
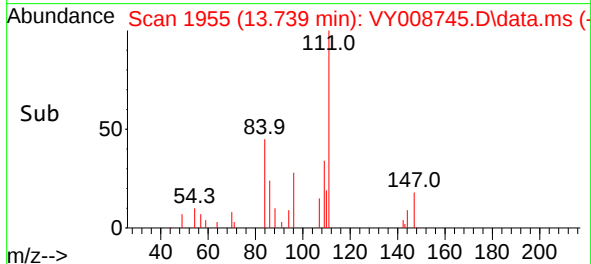
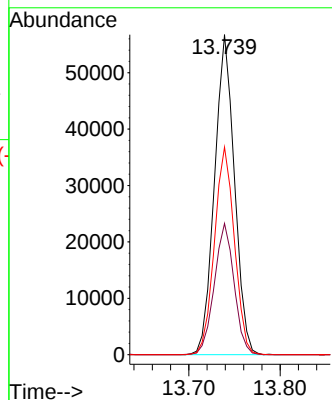
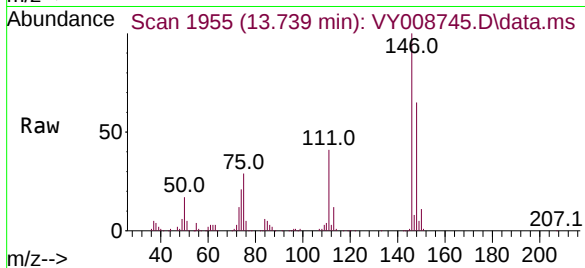
Tgt Ion:146 Resp: 85993

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 64.9 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.223 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

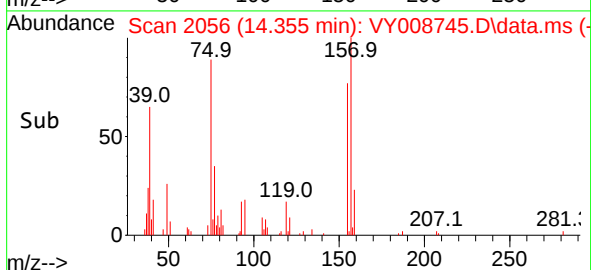
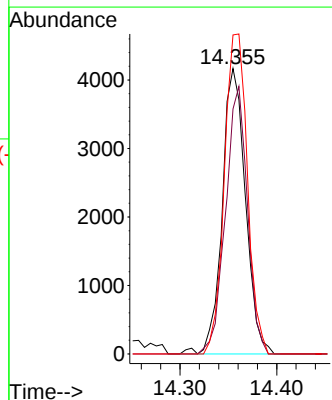
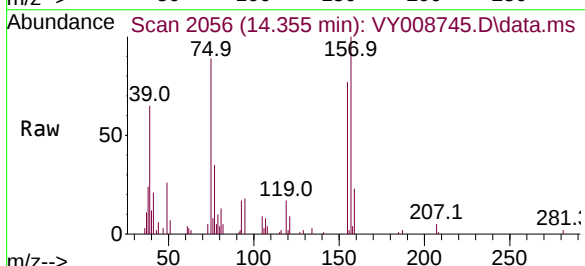
Tgt Ion: 75 Resp: 6958

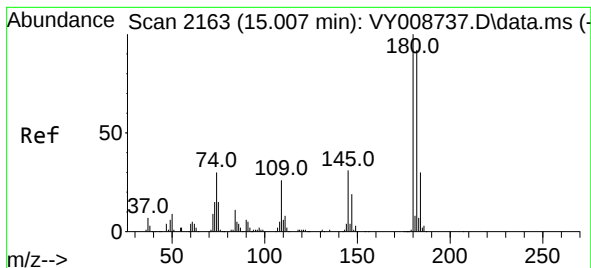
Ion Ratio Lower Upper

75 100

155 88.3 44.7 134.1

157 111.1 60.5 181.4





#93

1,2,4-Trichlorobenzene

Concen: 20.538 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBSD01

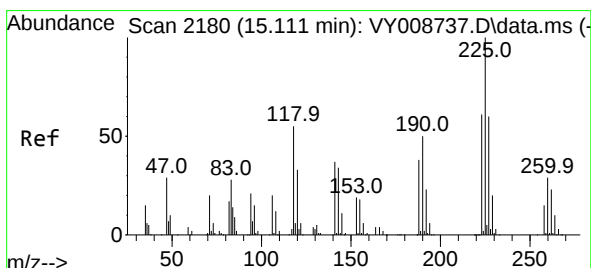
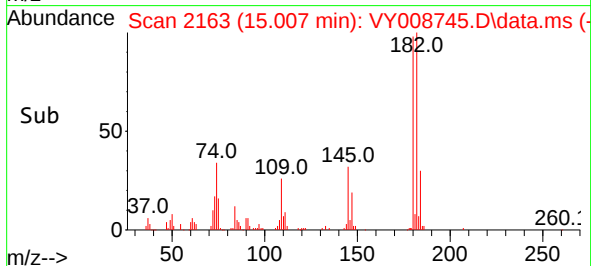
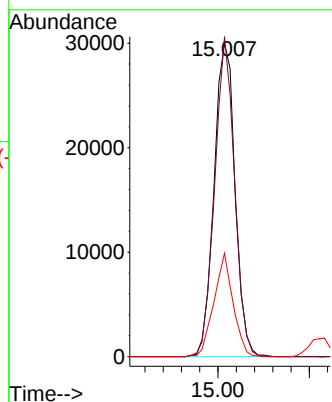
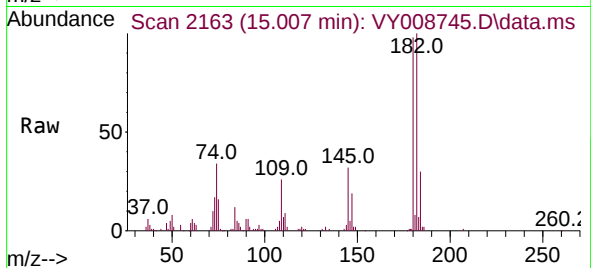
Tgt Ion:180 Resp: 47707

Ion Ratio Lower Upper

180 100

182 96.5 46.8 140.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.915 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008745.D

Acq: 13 May 2022 13:40

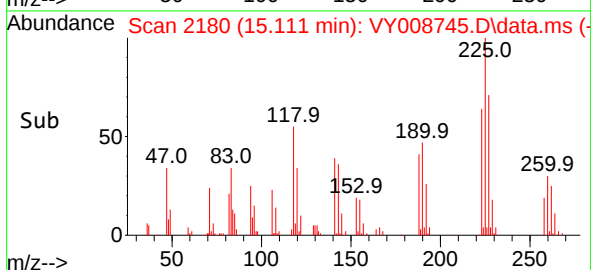
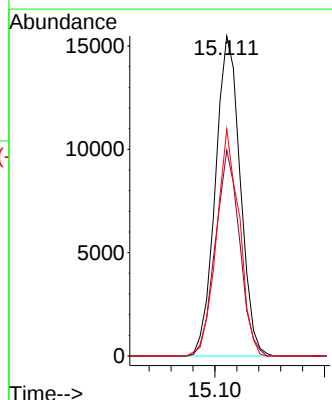
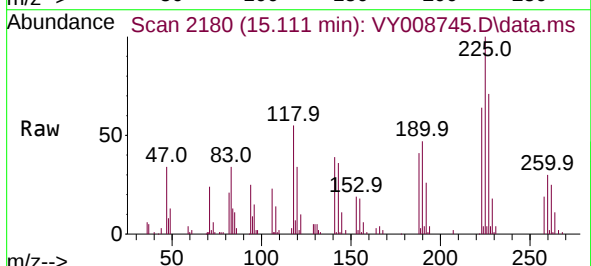
Tgt Ion:225 Resp: 24355

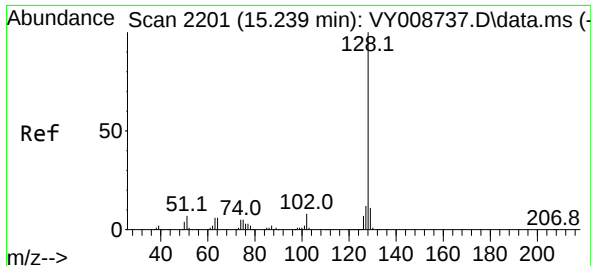
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

227 65.4 31.2 93.6

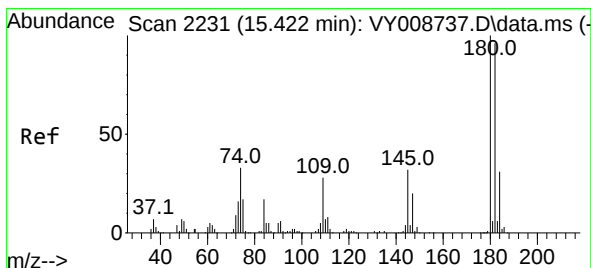
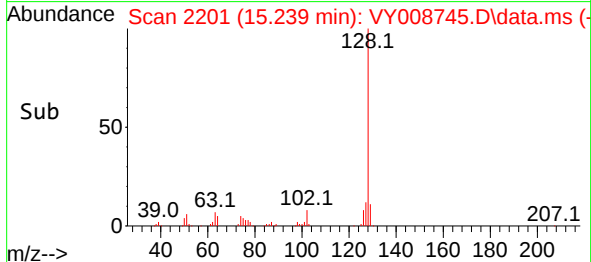
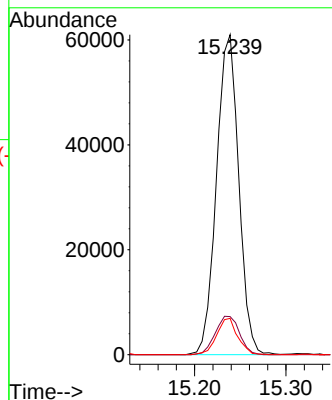
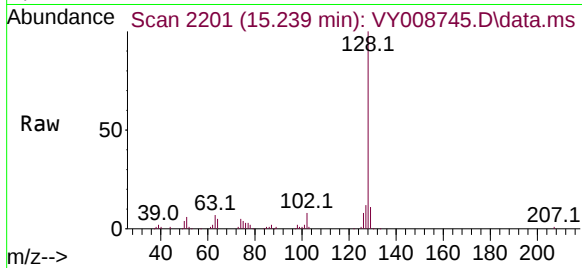




#95
Naphthalene
Concen: 20.795 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBSD01

Tgt Ion:128 Resp: 103236
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.251 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY008745.D
Acq: 13 May 2022 13:40

Tgt Ion:180 Resp: 41649
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.7
145 31.4 15.6 46.8

