

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009051.D
 Acq On : 24 May 2022 11:02
 Operator : KP/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

Quant Time: May 25 02:49:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44748	43.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.120%
35) Dibromofluoromethane	7.715	113	46394	44.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.178	98	147749	38.359	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.720%
62) 4-Bromofluorobenzene	12.483	95	68284	43.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17926	19.635	ug/l	97
3) Chloromethane	2.113	50	28383	21.700	ug/l	98
4) Vinyl Chloride	2.247	62	43443	22.419	ug/l	98
5) Bromomethane	2.631	94	44327	23.336	ug/l	97
6) Chloroethane	2.783	64	30601	22.291	ug/l	99
7) Trichlorofluoromethane	3.119	101	35802	21.756	ug/l	92
8) Diethyl Ether	3.527	74	10099	19.626	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	21547	21.304	ug/l	92
10) Methyl Iodide	4.088	142	17919	17.158	ug/l	95
11) Tert butyl alcohol	4.948	59	11728	112.546	ug/l	99
12) 1,1-Dichloroethene	3.869	96	18857	20.084	ug/l	95
13) Acrolein	3.728	56	5932	172.944	ug/l	94
14) Allyl chloride	4.478	41	28158	19.900	ug/l #	87
15) Acrylonitrile	5.155	53	29434	102.163	ug/l	100
16) Acetone	3.948	43	25140	117.560	ug/l #	89
17) Carbon Disulfide	4.192	76	59862	19.516	ug/l	98
18) Methyl Acetate	4.478	43	13693	20.563	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	54708	19.413	ug/l	97
20) Methylene Chloride	4.710	84	31971	22.290	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	23006	19.091	ug/l	85
22) Diisopropyl ether	6.112	45	65467	19.259	ug/l #	88
23) Vinyl Acetate	6.057	43	218840	97.323	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	41083	20.206	ug/l	98
25) 2-Butanone	6.984	43	40836	106.913	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	39714	21.204	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	26803	19.730	ug/l	88
28) Bromochloromethane	7.331	49	14924	21.385	ug/l	91
29) Tetrahydrofuran	7.344	42	26119	100.669	ug/l	90
30) Chloroform	7.508	83	43165	19.667	ug/l	96
31) Cyclohexane	7.782	56	38738	19.274	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	39288	19.731	ug/l	99
36) 1,1-Dichloropropene	7.917	75	34587	19.466	ug/l	100
37) Ethyl Acetate	7.069	43	18440	20.007	ug/l #	94
38) Carbon Tetrachloride	7.898	117	35022	18.842	ug/l	93
39) Methylcyclohexane	9.179	83	41222	17.974	ug/l	92
40) Benzene	8.154	78	95842	18.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	24487	51.485	ug/l #	44
42) 1,2-Dichloroethane	8.240	62	29765	19.784	ug/l	92
43) Isopropyl Acetate	8.270	43	33259	19.407	ug/l	92
44) Trichloroethene	8.941	130	25896	19.088	ug/l	100
45) 1,2-Dichloropropane	9.215	63	23891	19.420	ug/l	95
46) Dibromomethane	9.301	93	14795	18.913	ug/l	94
47) Bromodichloromethane	9.496	83	35284	19.736	ug/l	99
48) Methyl methacrylate	9.288	41	15422	20.153	ug/l	90
49) 1,4-Dioxane	9.294	88	3587	343.020	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	94866	100.021	ug/l	94
52) Toluene	10.245	92	65915	18.409	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	35565	18.733	ug/l	95
54) cis-1,3-Dichloropropene	9.928	75	38832	19.026	ug/l	88
55) 1,1,2-Trichloroethane	10.642	97	20302	18.550	ug/l	98
56) Ethyl methacrylate	10.508	69	25802	18.440	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	34348	19.240	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	60177	99.409	ug/l	97
59) 2-Hexanone	10.831	43	63992	98.543	ug/l	92
60) Dibromochloromethane	10.983	129	24051	18.129	ug/l	100
61) 1,2-Dibromoethane	11.087	107	19542	18.019	ug/l	98
64) Tetrachloroethene	10.721	164	22762	19.668	ug/l	95
65) Chlorobenzene	11.514	112	69307	18.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25394	19.003	ug/l	97
67) Ethyl Benzene	11.593	91	124197	18.884	ug/l	96
68) m/p-Xylenes	11.703	106	99934	37.430	ug/l	92
69) o-Xylene	12.032	106	46215	18.640	ug/l	90
70) Styrene	12.044	104	78234	18.349	ug/l	94
71) Bromoform	12.209	173	15691	17.713	ug/l #	98
73) Isopropylbenzene	12.330	105	123292	19.033	ug/l	99
74) N-amyl acetate	12.141	43	31746	21.241	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	26673	19.989	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	33681	36.204	ug/l #	100
77) Bromobenzene	12.611	156	27626	18.398	ug/l	97
78) n-propylbenzene	12.672	91	158320	21.154	ug/l	100
79) 2-Chlorotoluene	12.757	91	82653	19.146	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	102887	18.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8511	18.778	ug/l	89
82) 4-Chlorotoluene	12.855	91	87912	19.040	ug/l	95
83) tert-Butylbenzene	13.074	119	90235	18.733	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	104641	19.414	ug/l	96
85) sec-Butylbenzene	13.257	105	142859	19.384	ug/l	98
86) p-Isopropyltoluene	13.373	119	117758	19.160	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	59731	18.648	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	60892	18.922	ug/l	99
89) n-Butylbenzene	13.696	91	115058	20.464	ug/l	97
90) Hexachloroethane	13.964	117	22964	19.939	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	53695	18.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4260	20.563	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	28209	18.178	ug/l	99
94) Hexachlorobutadiene	15.110	225	16508	19.518	ug/l	97
95) Naphthalene	15.238	128	56396	18.091	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	23788	17.641	ug/l	97

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

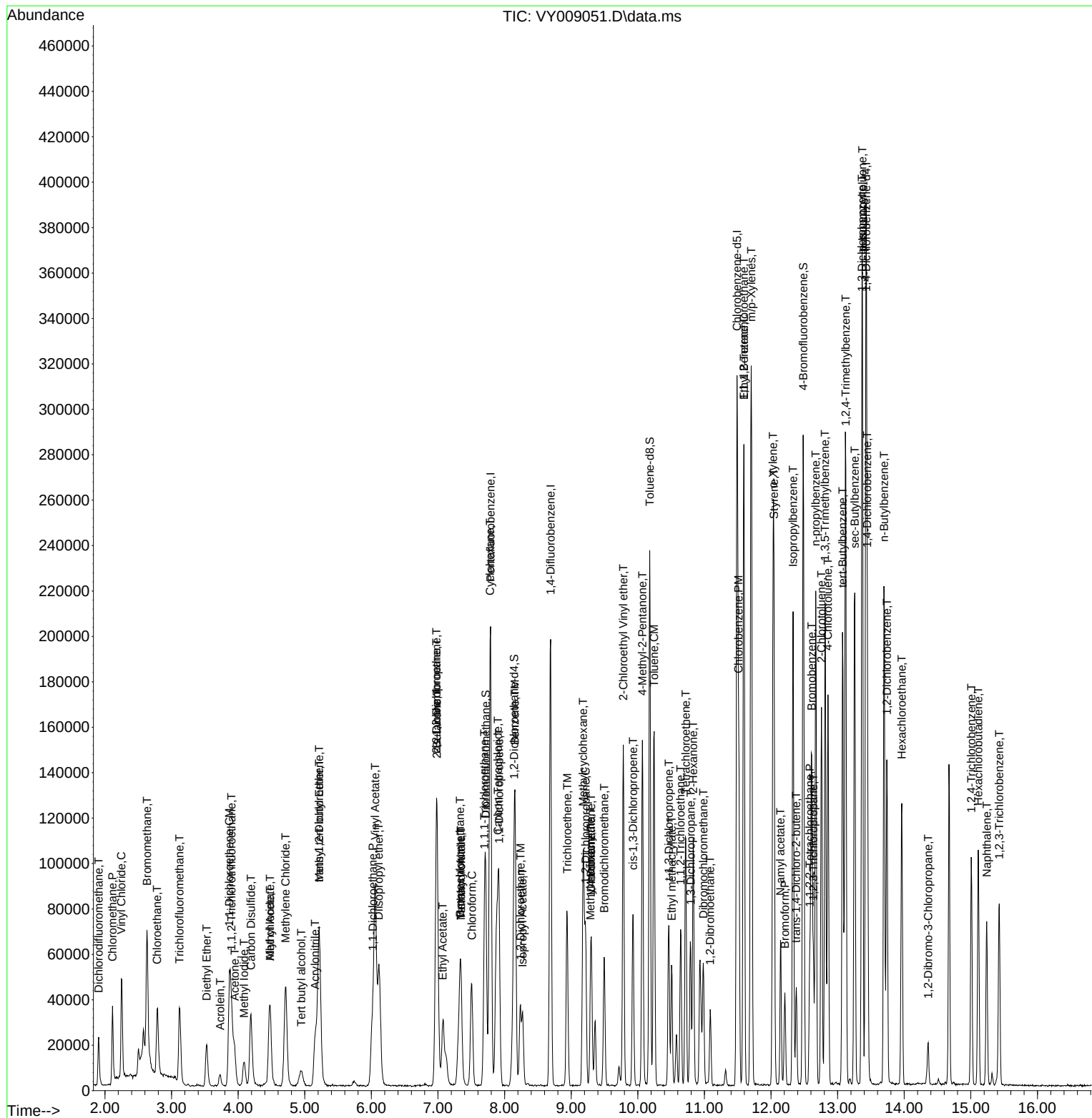
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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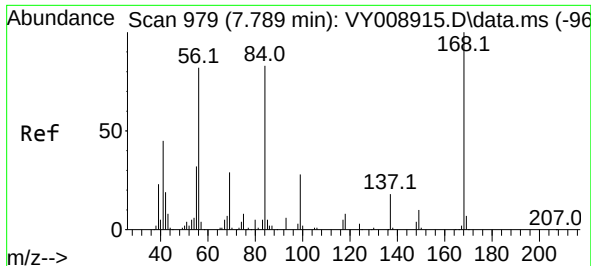
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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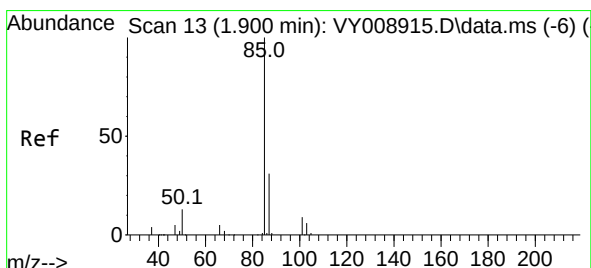
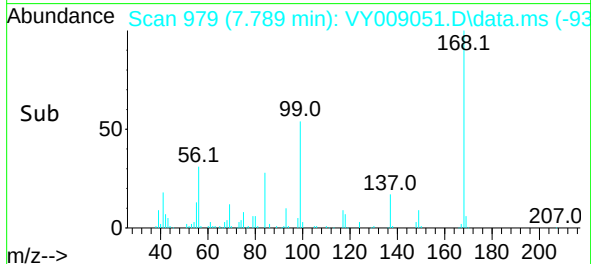
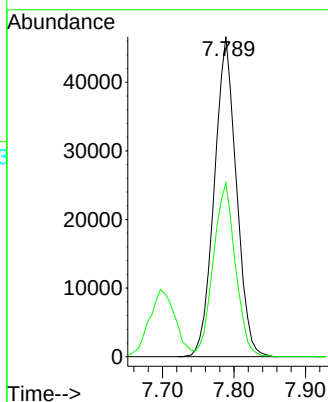
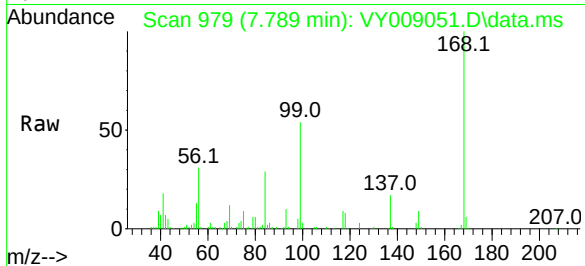




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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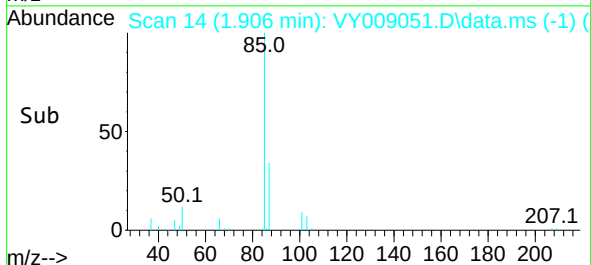
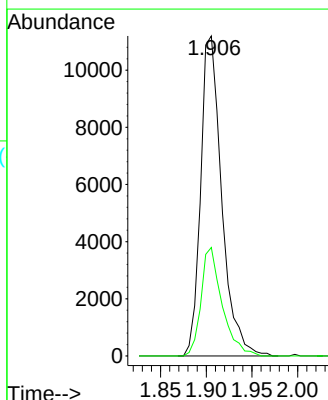
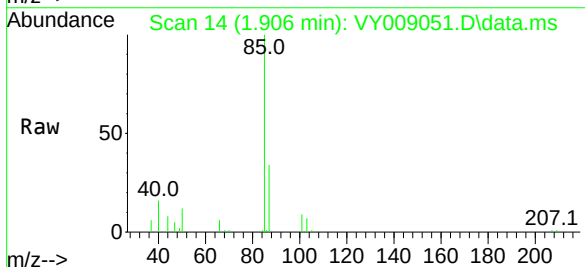
Instrument :
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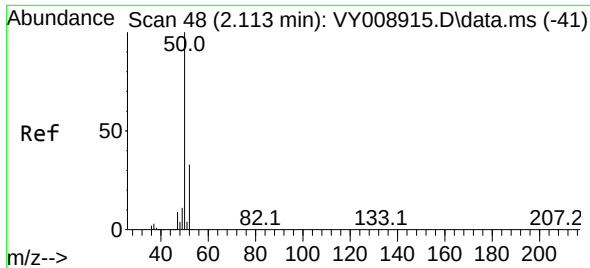
Tgt Ion:168 Resp: 99821
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.635 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 85 Resp: 17926
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2

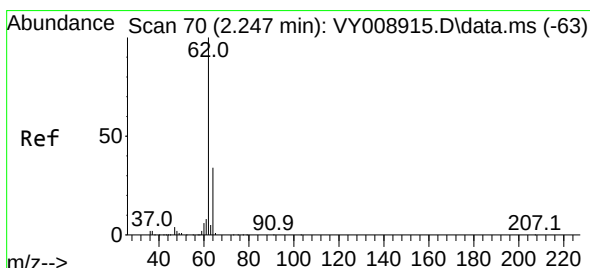
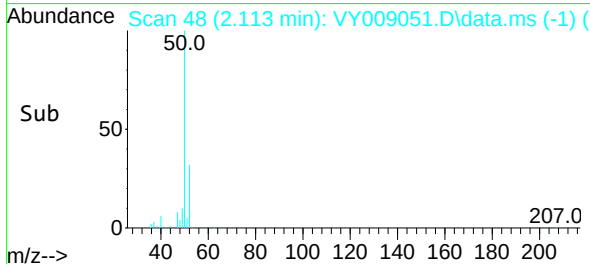
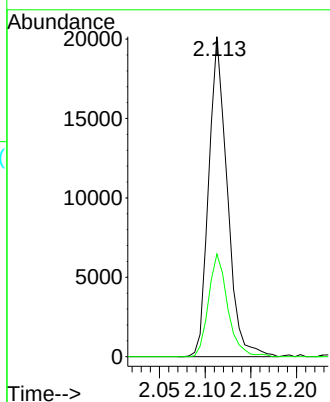
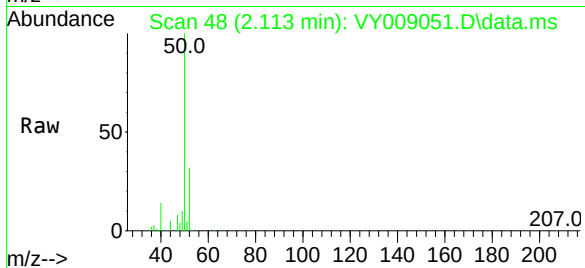




#3
Chloromethane
Concen: 21.700 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009051.D
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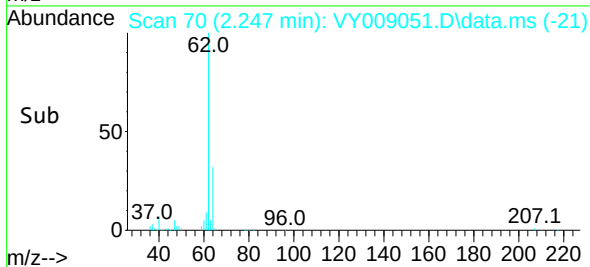
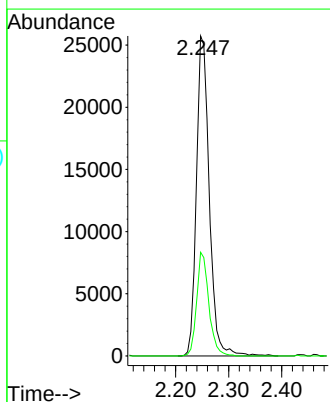
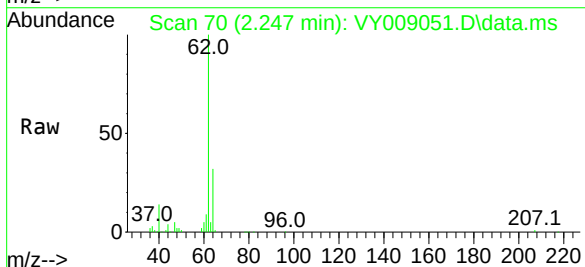
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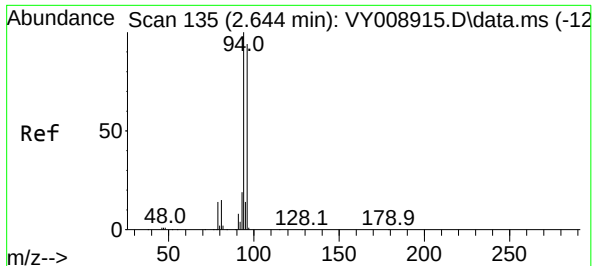
Tgt Ion: 50 Resp: 28383
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0



#4
Vinyl Chloride
Concen: 22.419 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 62 Resp: 43443
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.6

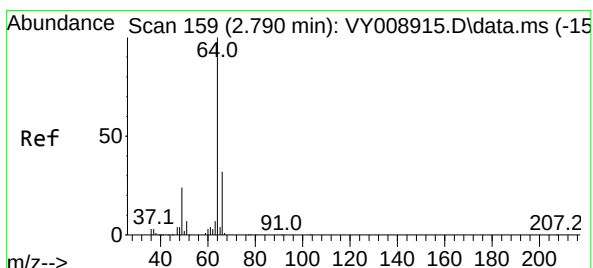
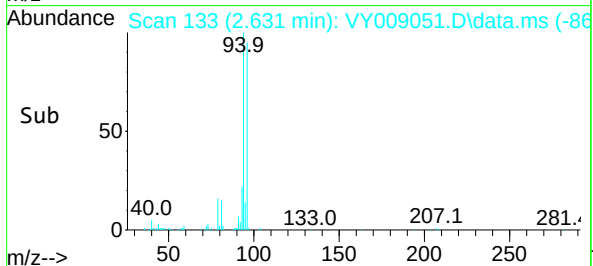
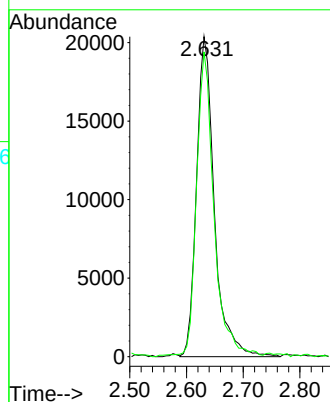
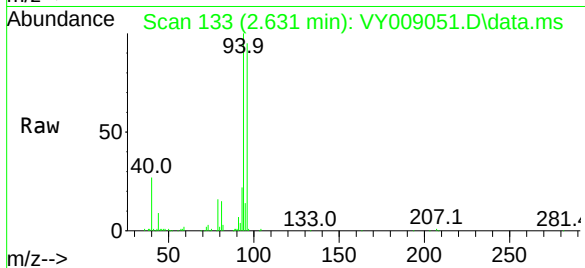




#5
Bromomethane
Concen: 23.336 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY009051.D
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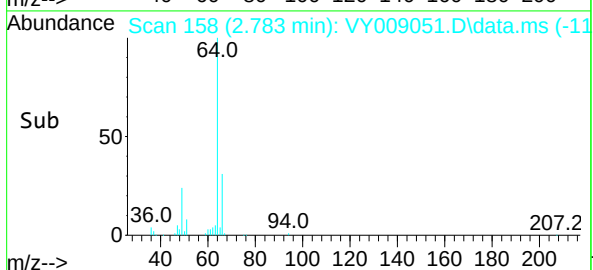
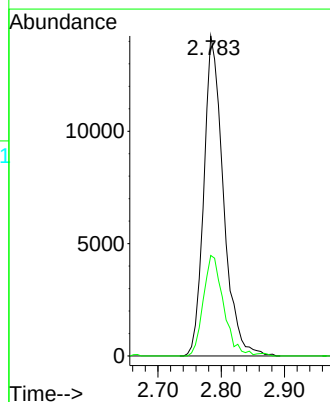
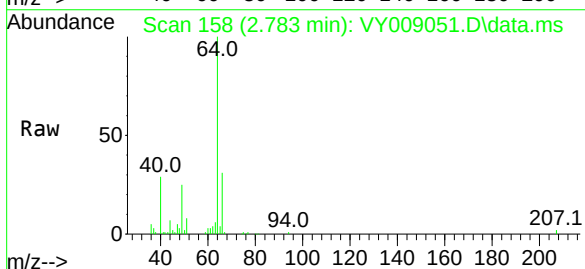
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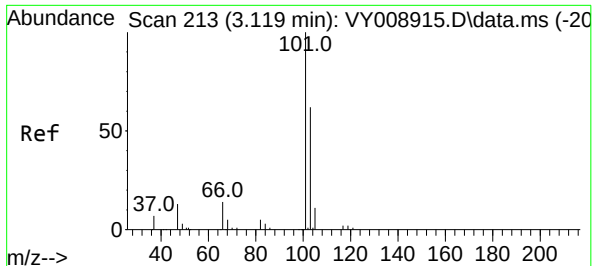
Tgt Ion: 94 Resp: 44327
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 22.291 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.007 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 64 Resp: 30601
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

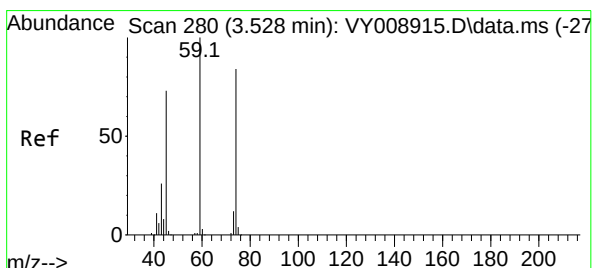
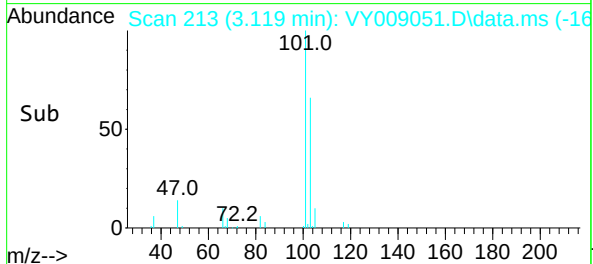
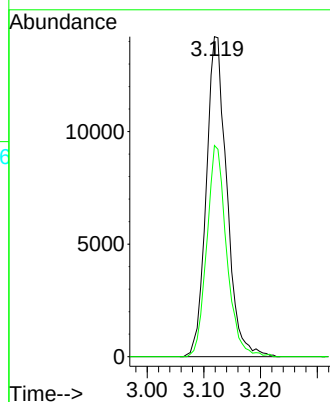
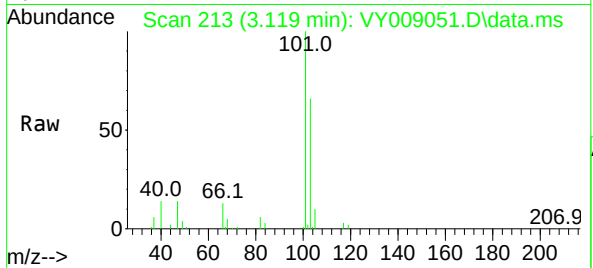




#7
 Trichlorofluoromethane
 Concen: 21.756 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY009051.D
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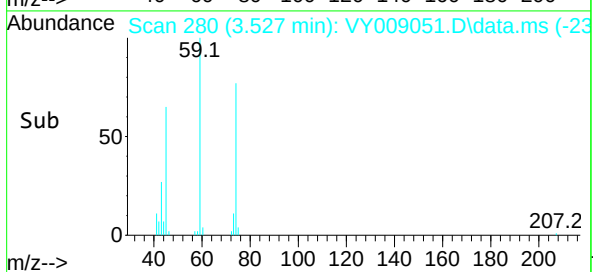
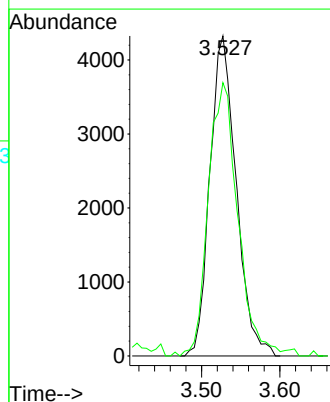
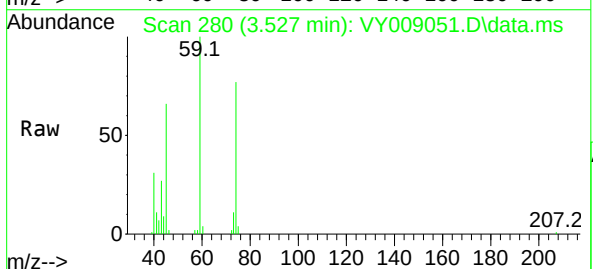
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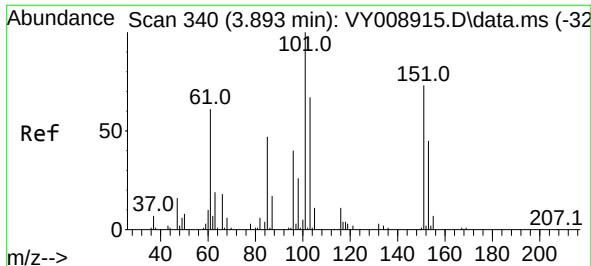
Tgt Ion:101 Resp: 35802
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.626 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 10099
 Ion Ratio Lower Upper
 74 100
 45 96.6 55.1 165.5

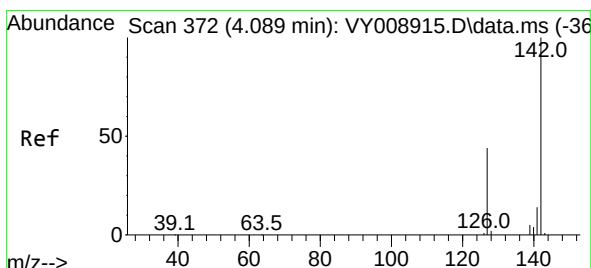
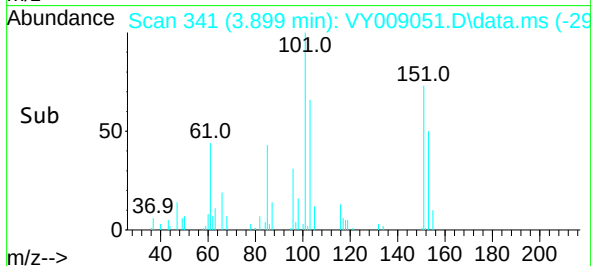
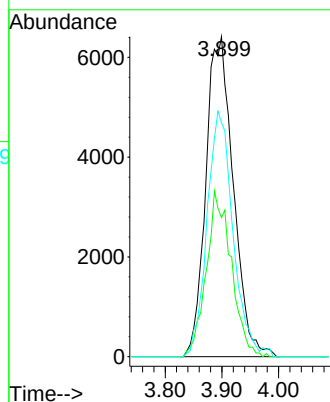
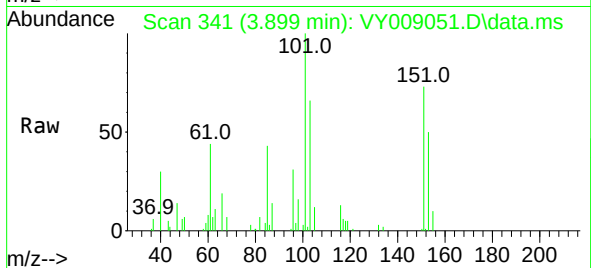




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.304 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

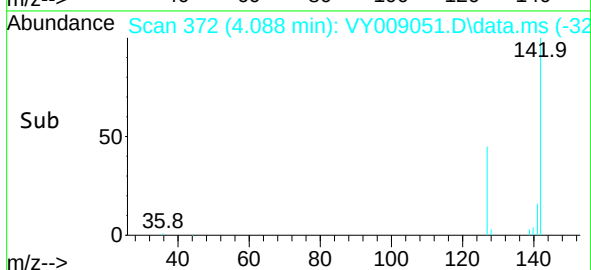
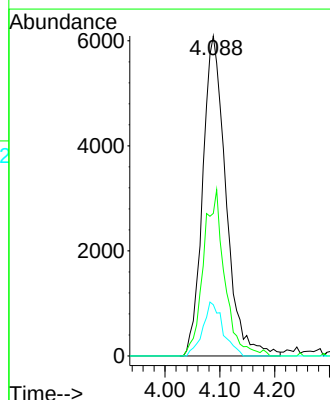
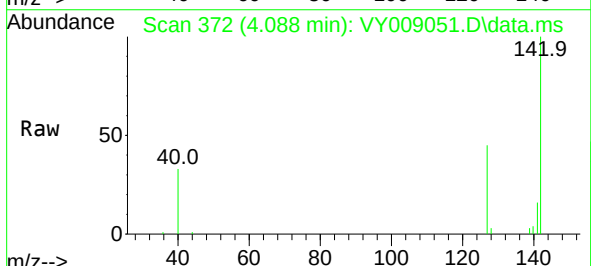
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

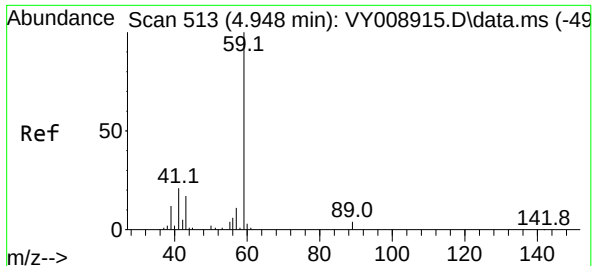
Tgt Ion:101 Resp: 21547
Ion Ratio Lower Upper
101 100
85 47.2 40.6 60.8
151 71.9 64.9 97.3



#10
Methyl Iodide
Concen: 17.158 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:142 Resp: 17919
Ion Ratio Lower Upper
142 100
127 47.8 41.5 62.3
141 14.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 112.546 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

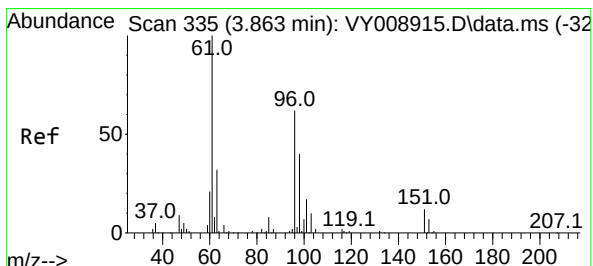
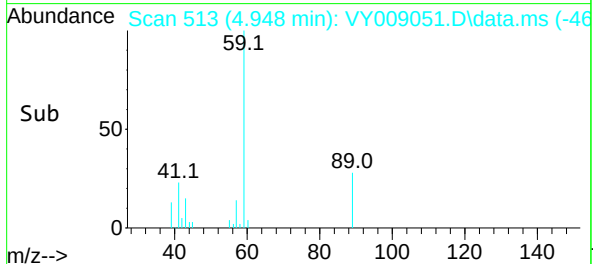
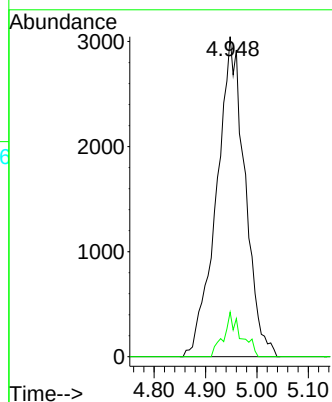
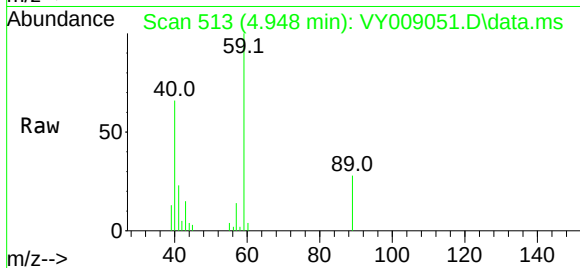
VY0524SBS01

Tgt Ion: 59 Resp: 11728

Ion Ratio Lower Upper

59 100

57 8.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 20.084 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

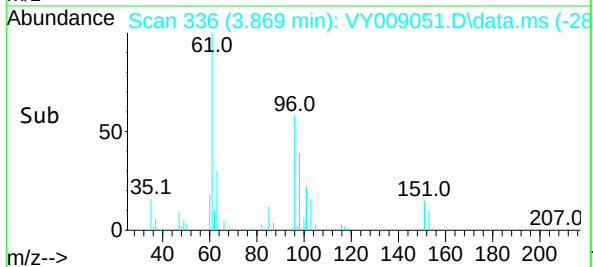
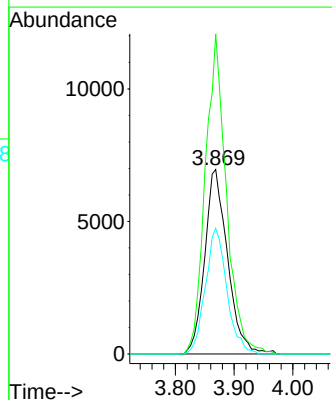
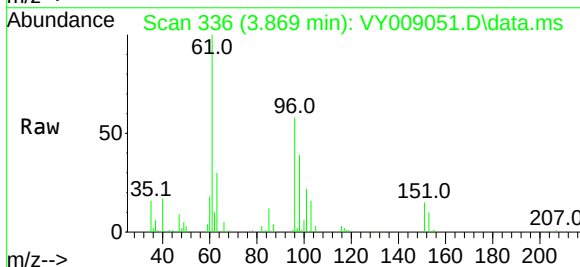
Tgt Ion: 96 Resp: 18857

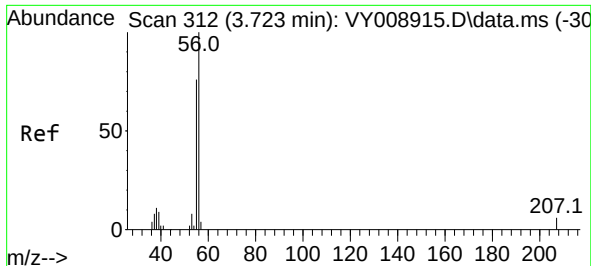
Ion Ratio Lower Upper

96 100

61 173.4 145.8 218.6

98 68.0 52.5 78.7

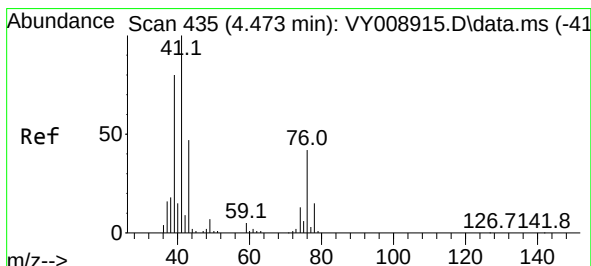
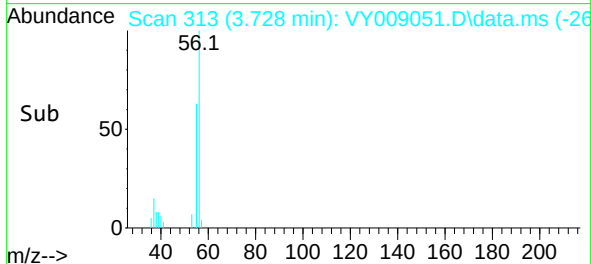
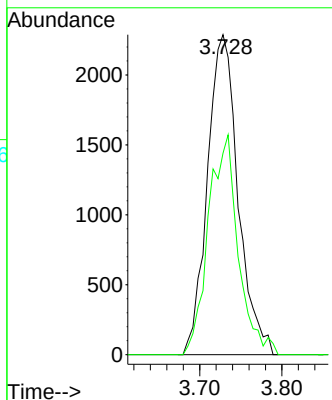
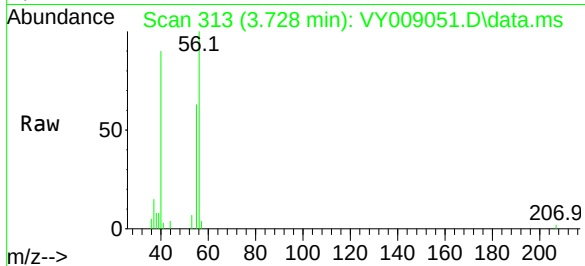




#13
Acrolein
Concen: 172.944 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.005 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

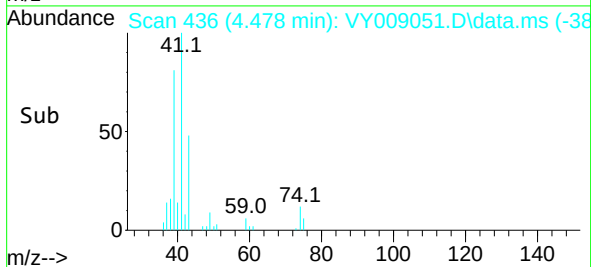
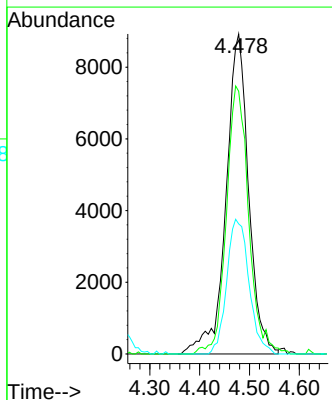
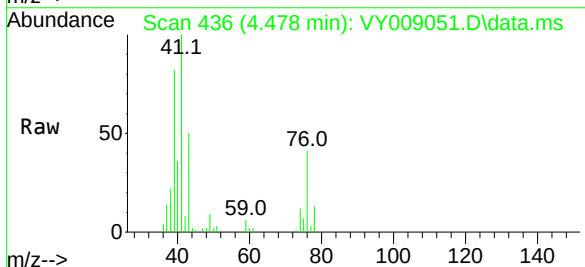
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

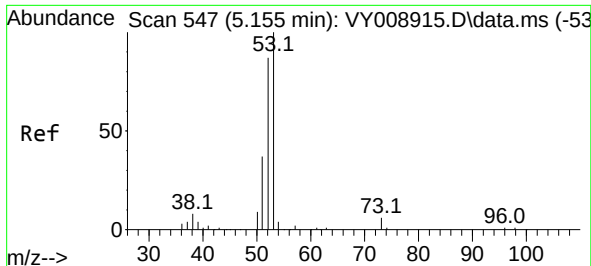
Tgt Ion: 56 Resp: 5932
Ion Ratio Lower Upper
56 100
55 66.7 57.6 86.4



#14
Allyl chloride
Concen: 19.900 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 41 Resp: 28158
Ion Ratio Lower Upper
41 100
39 82.4 58.8 88.2
76 41.3 25.1 37.7#

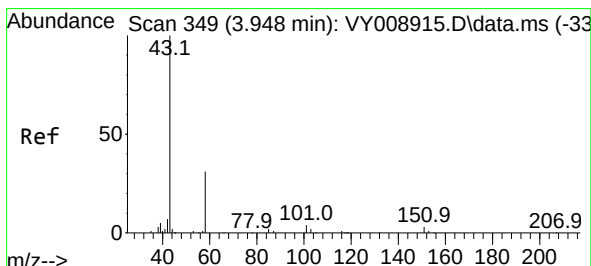
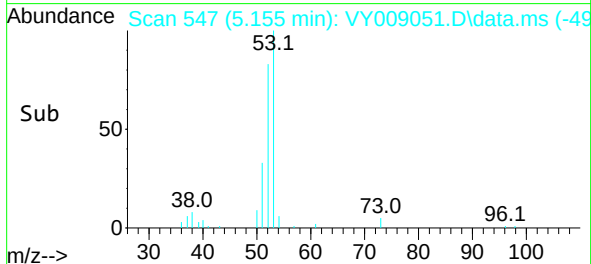
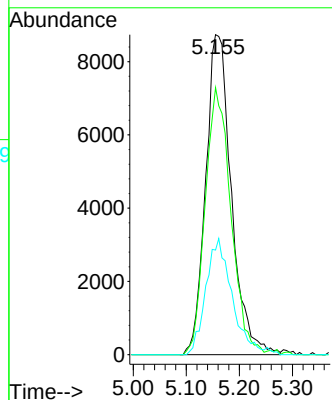
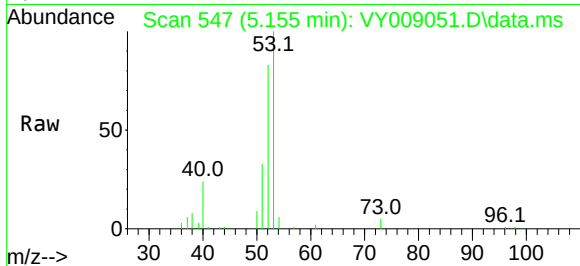




#15
Acrylonitrile
Concen: 102.163 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

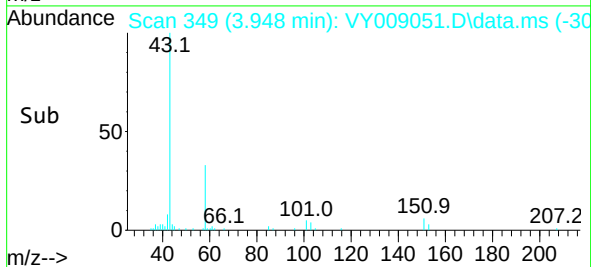
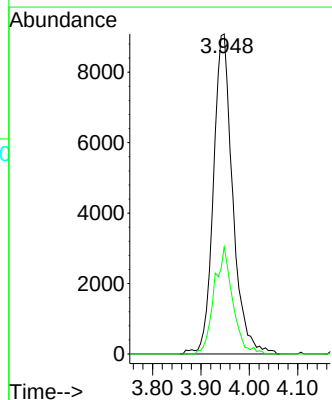
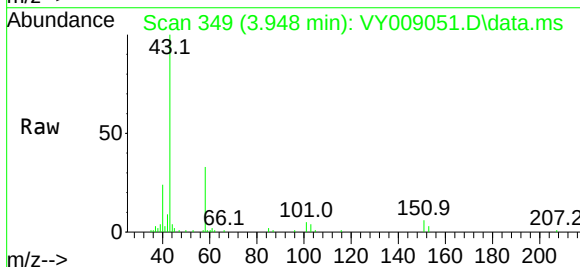
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

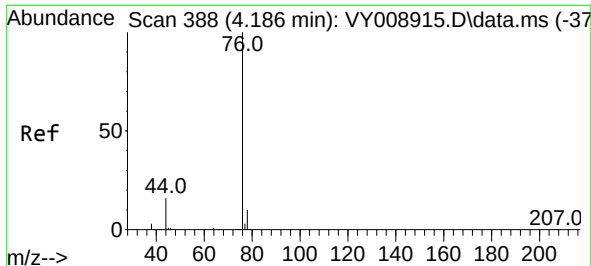
Tgt Ion: 53	Resp:	29434
Ion	Ratio	Lower Upper
53	100	
52	83.3	67.0 100.4
51	37.3	29.8 44.6



#16
Acetone
Concen: 117.560 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 43	Resp:	25140
Ion	Ratio	Lower Upper
43	100	
58	33.4	22.0 33.0#

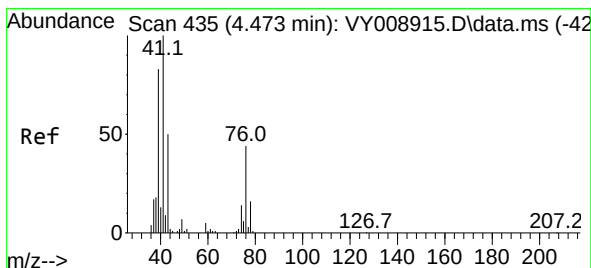
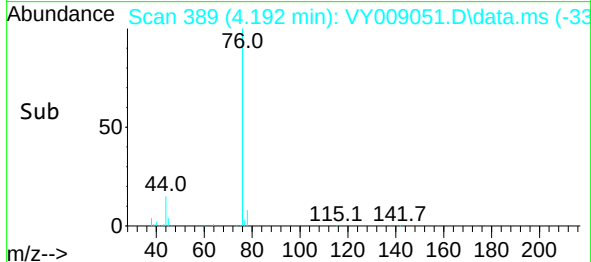
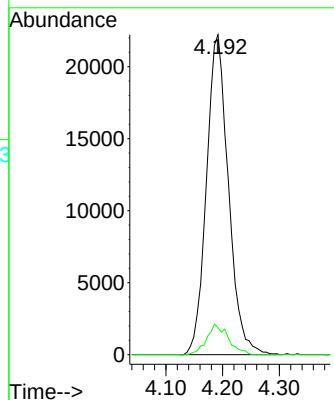
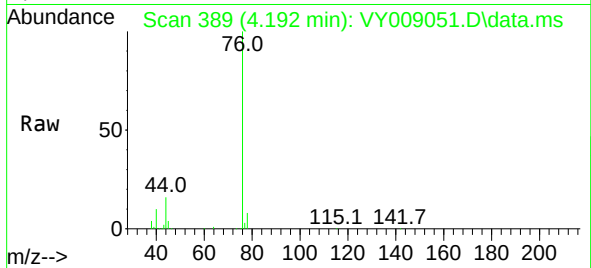




#17
Carbon Disulfide
Concen: 19.516 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

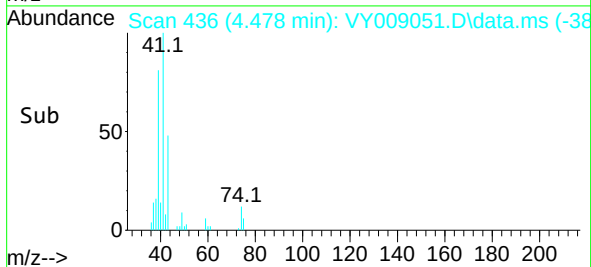
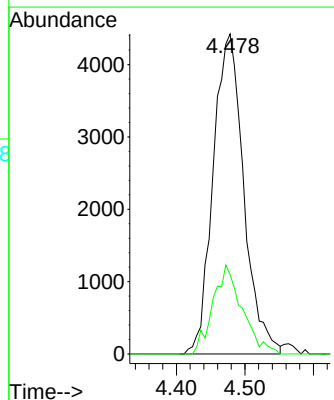
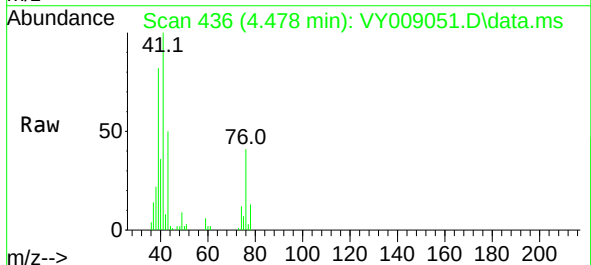
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

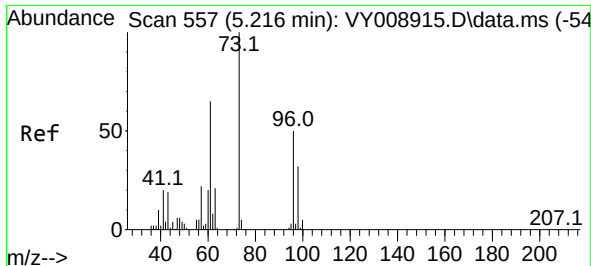
Tgt Ion: 76 Resp: 59862
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.563 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 43 Resp: 13693
Ion Ratio Lower Upper
43 100
74 26.5 16.6 24.8#

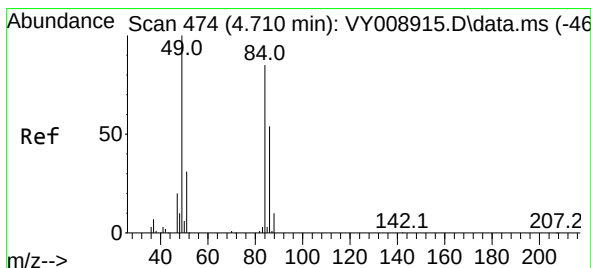
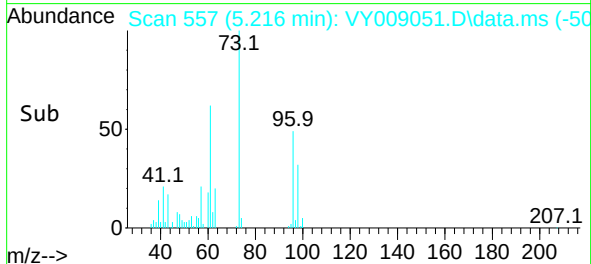
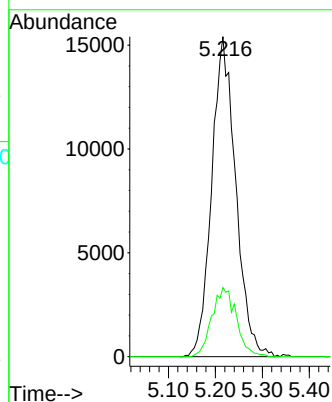
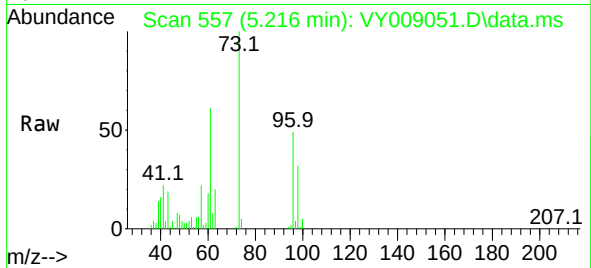




#19
Methyl tert-butyl Ether
Concen: 19.413 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

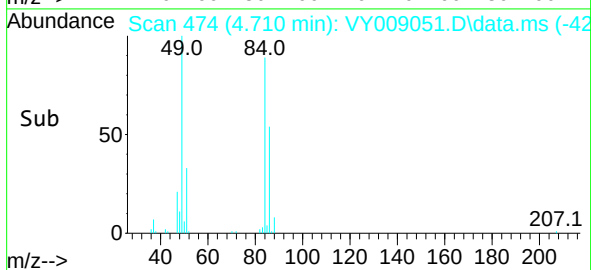
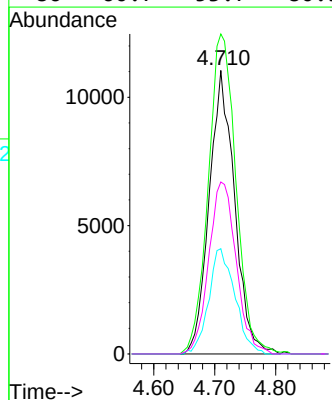
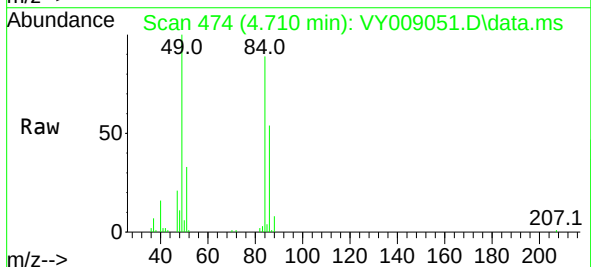
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

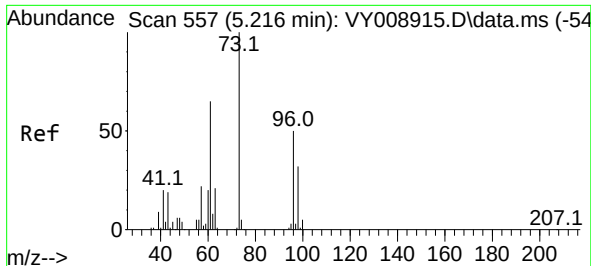
Tgt Ion: 73 Resp: 54708
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 22.290 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 84 Resp: 31971
Ion Ratio Lower Upper
84 100
49 112.9 114.4 171.6#
51 37.2 35.3 52.9
86 60.7 53.7 80.5

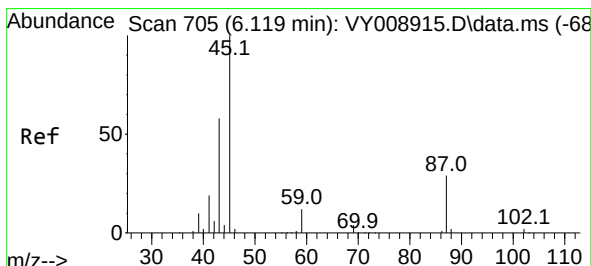
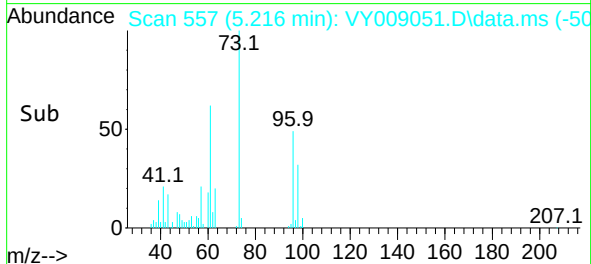
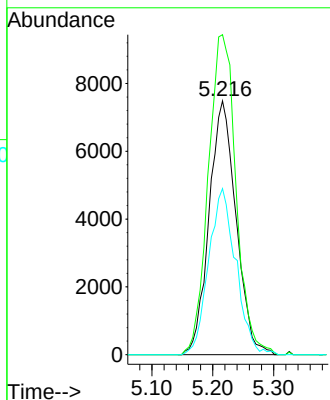
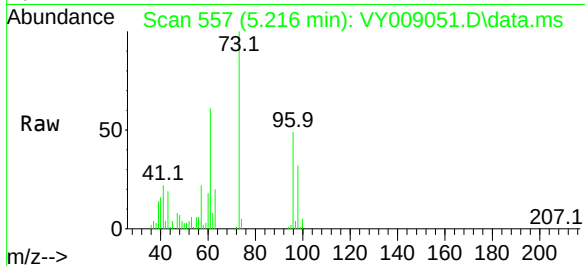




#21
trans-1,2-Dichloroethene
Concen: 19.091 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

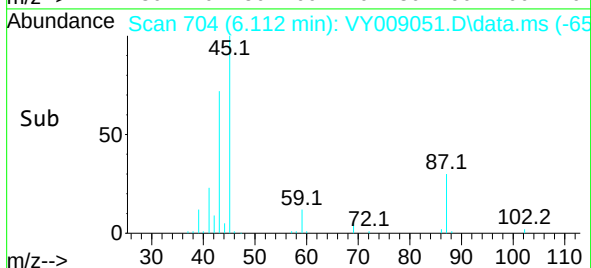
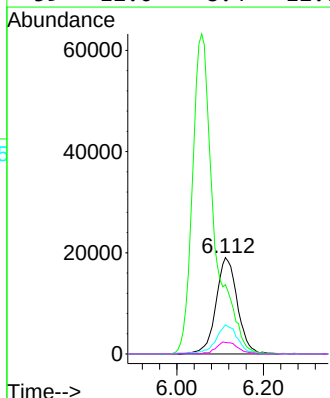
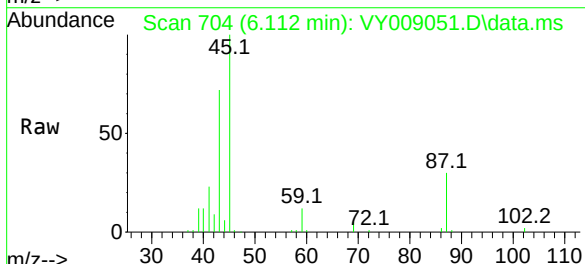
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

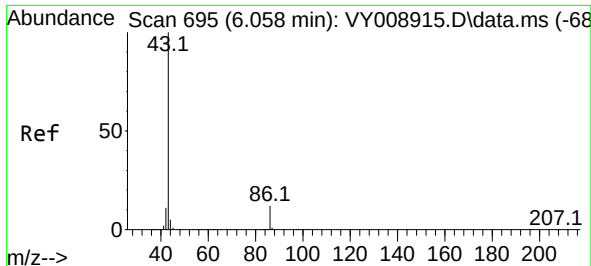
Tgt Ion: 96 Resp: 23006
Ion Ratio Lower Upper
96 100
61 126.1 120.5 180.7
98 65.5 49.8 74.8



#22
Diisopropyl ether
Concen: 19.259 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 45 Resp: 65467
Ion Ratio Lower Upper
45 100
43 71.3 49.3 73.9
87 30.2 19.2 28.8#
59 12.0 8.4 12.6

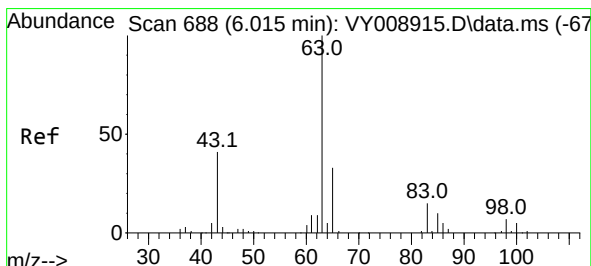
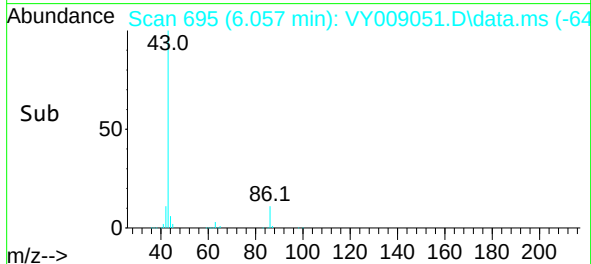
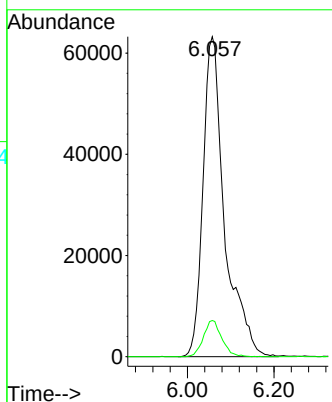
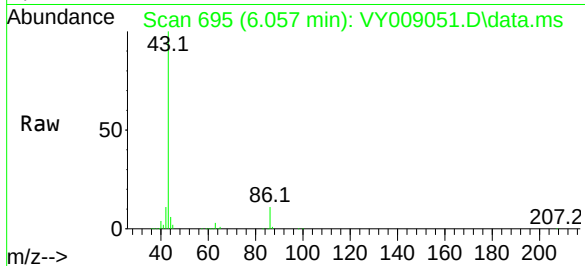




#23
 Vinyl Acetate
 Concen: 97.323 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

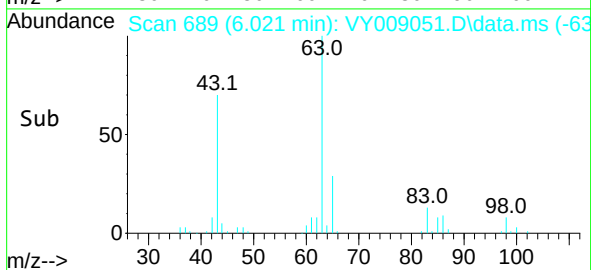
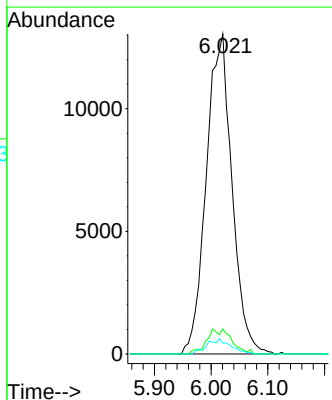
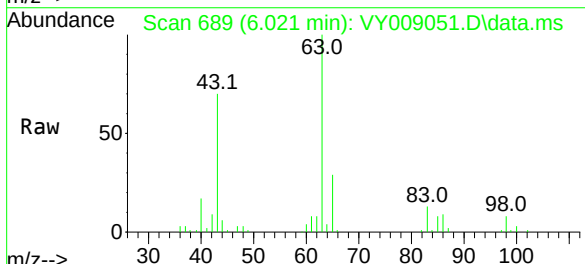
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

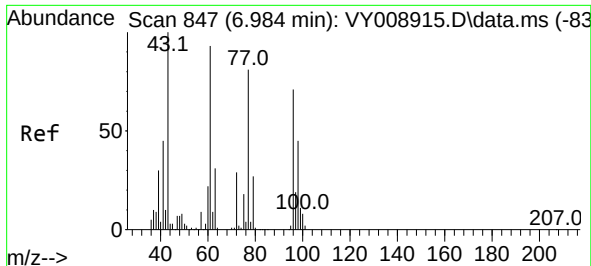
Tgt Ion: 43 Resp: 218840
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.206 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

Tgt Ion: 63 Resp: 41083
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 3.4 2.0 5.8





#25

2-Butanone

Concen: 106.913 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

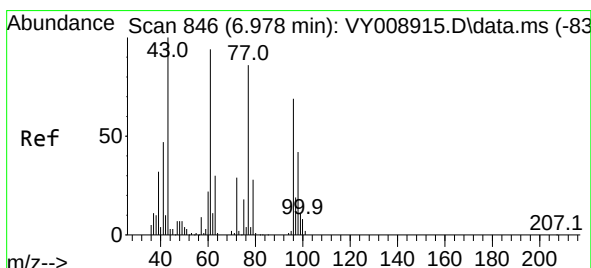
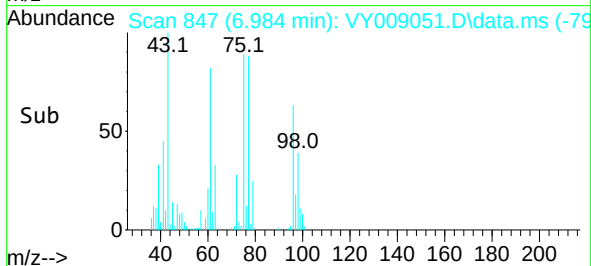
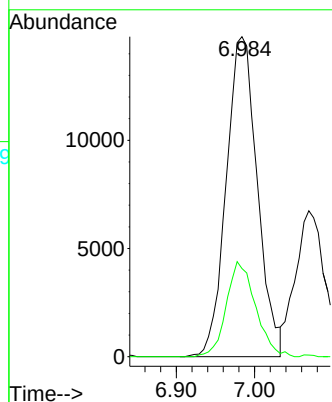
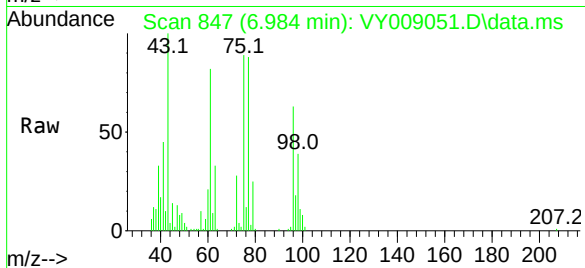
VY0524SBS01

Tgt Ion: 43 Resp: 40836

Ion Ratio Lower Upper

43 100

72 27.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 21.204 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009051.D

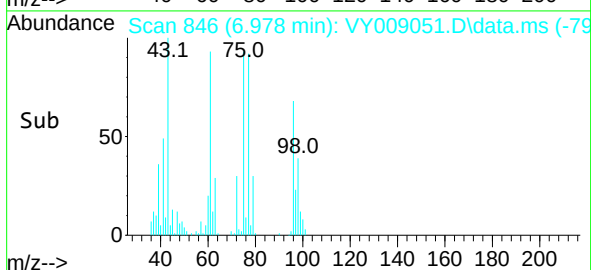
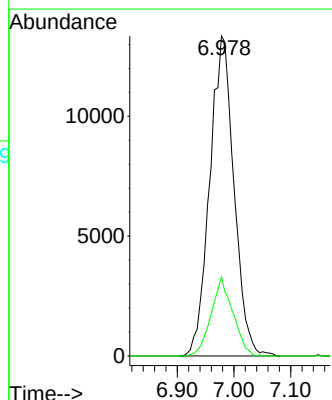
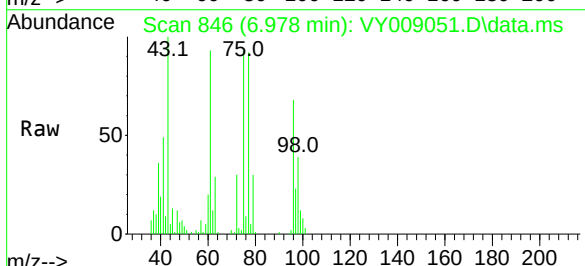
Acq: 24 May 2022 11:02

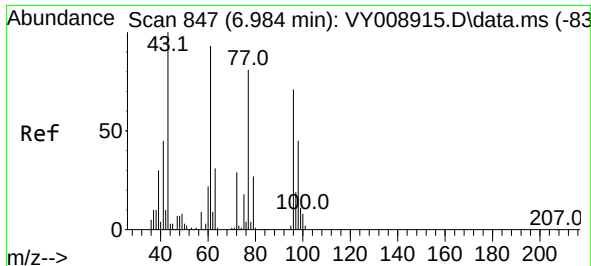
Tgt Ion: 77 Resp: 39714

Ion Ratio Lower Upper

77 100

97 22.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.730 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

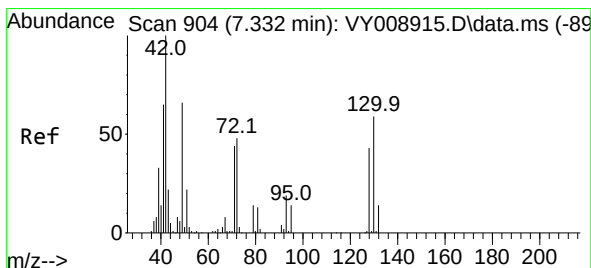
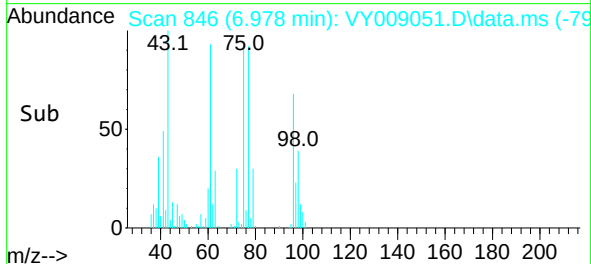
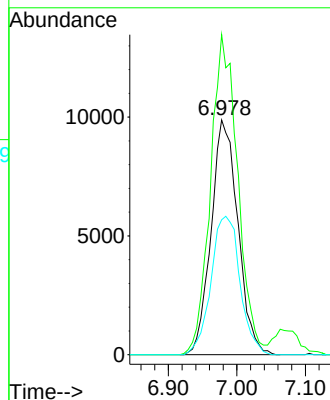
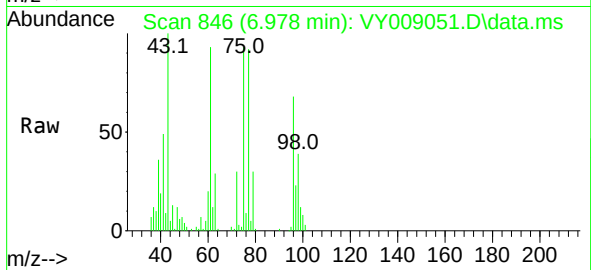
Tgt Ion: 96 Resp: 26803

Ion Ratio Lower Upper

96 100

61 138.1 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 21.385 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

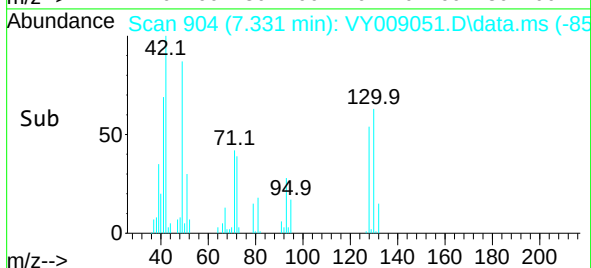
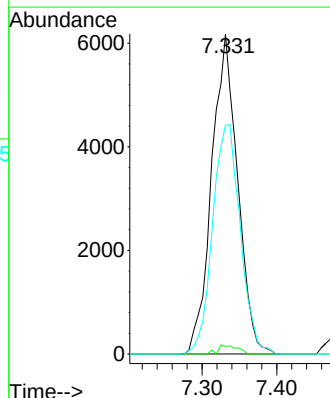
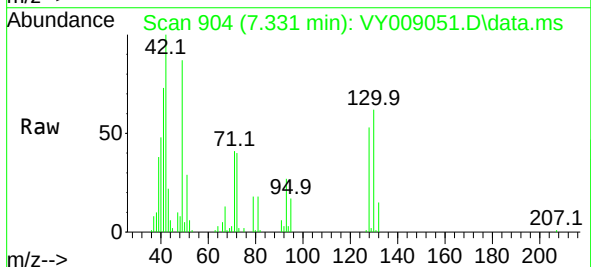
Tgt Ion: 49 Resp: 14924

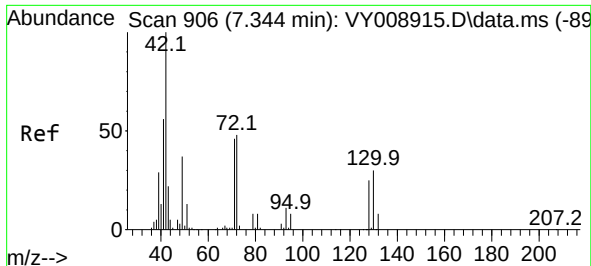
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 76.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 100.669 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

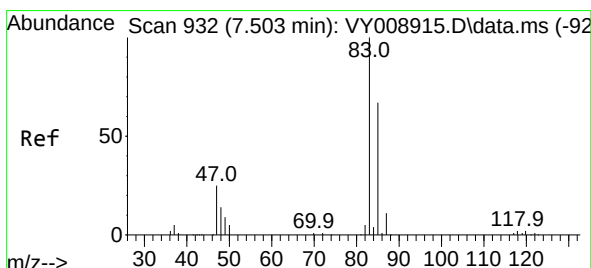
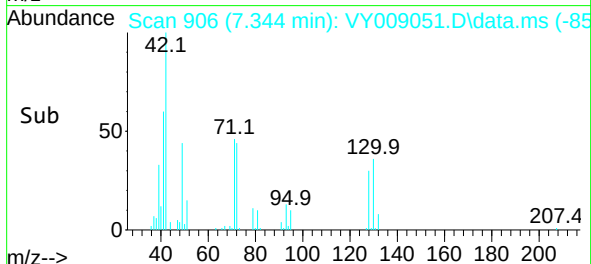
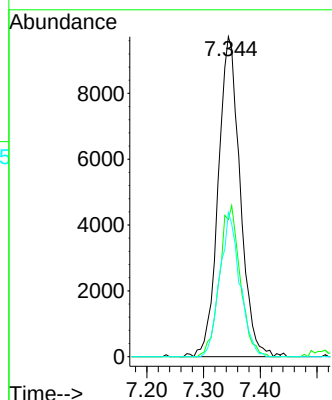
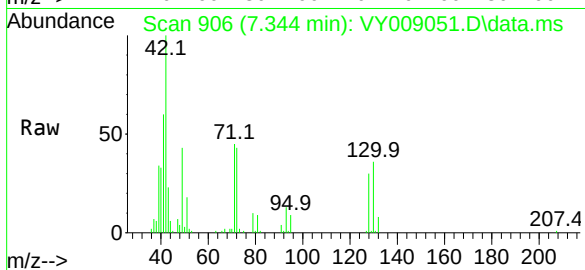
Tgt Ion: 42 Resp: 26119

Ion Ratio Lower Upper

42 100

72 44.7 30.3 45.5

71 41.2 29.0 43.4



#30

Chloroform

Concen: 19.667 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY009051.D

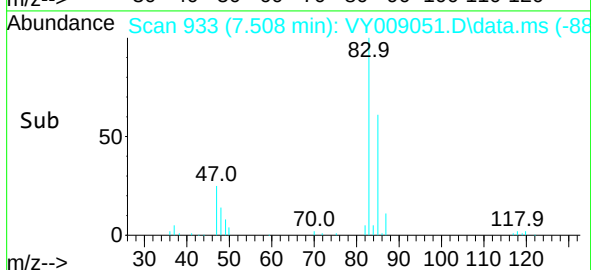
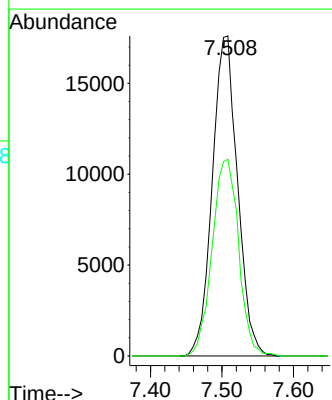
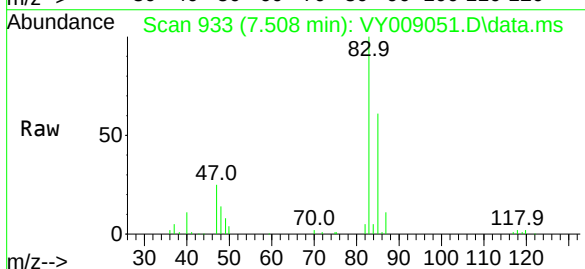
Acq: 24 May 2022 11:02

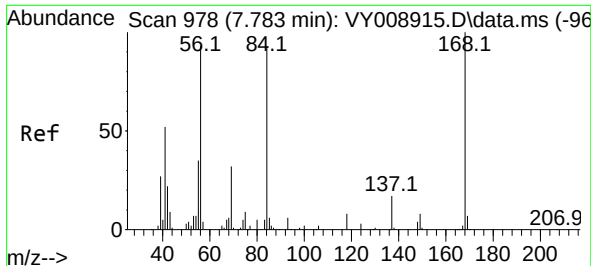
Tgt Ion: 83 Resp: 43165

Ion Ratio Lower Upper

83 100

85 61.4 51.8 77.6

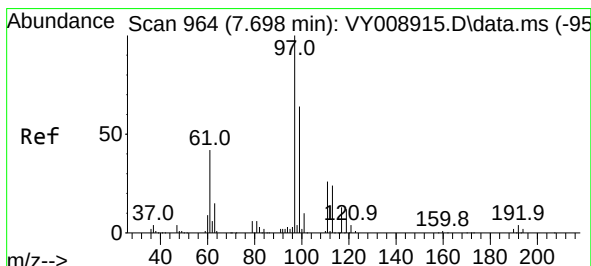
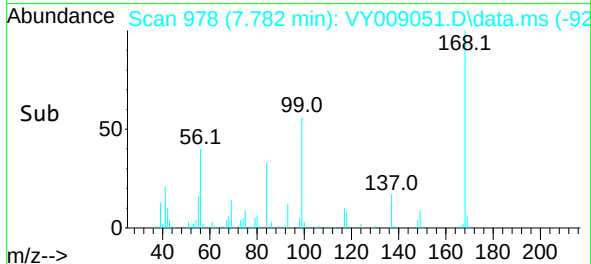
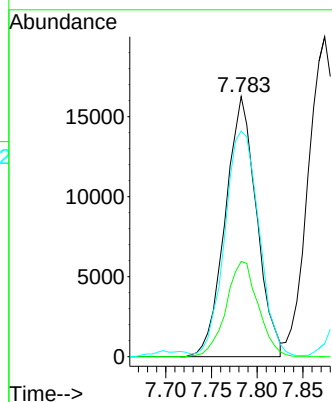
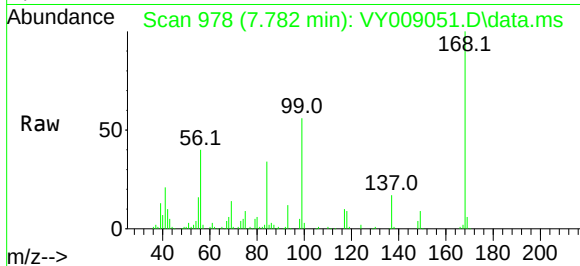




#31
Cyclohexane
Concen: 19.274 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

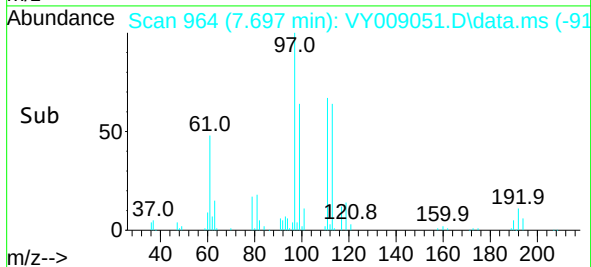
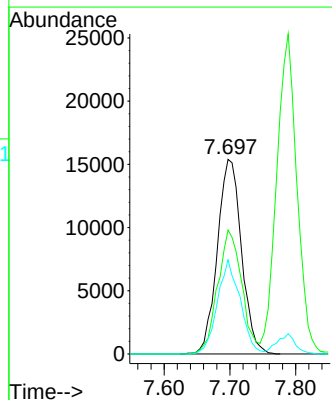
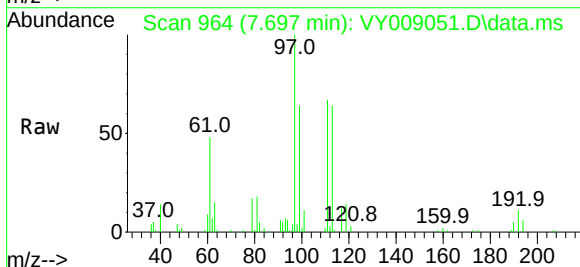
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

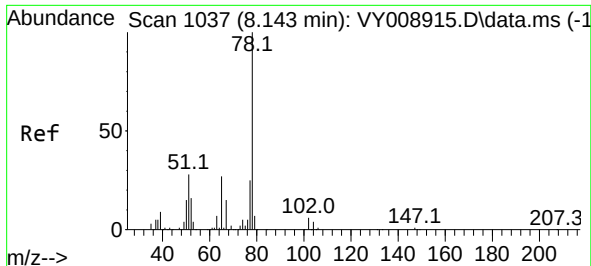
Tgt Ion: 56 Resp: 38738
Ion Ratio Lower Upper
56 100
69 36.6 26.7 40.1
84 84.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.731 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 97 Resp: 39288
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 45.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 43.557 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

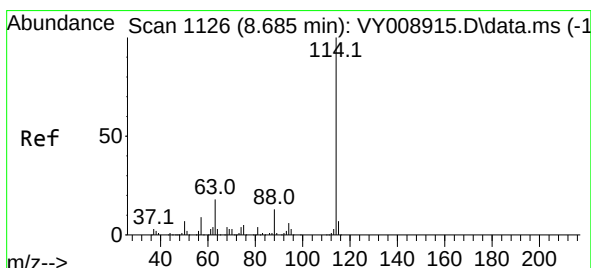
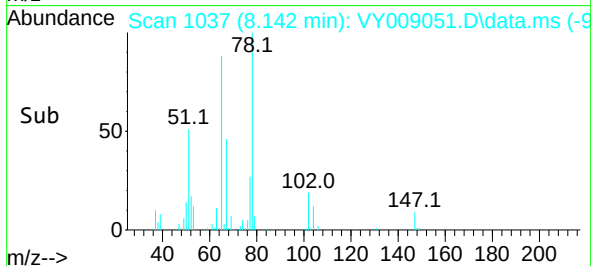
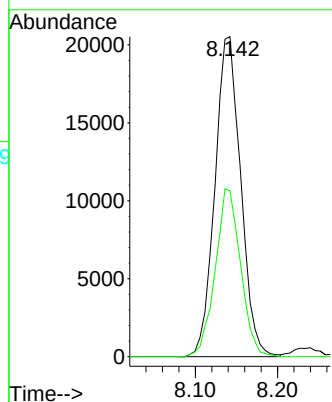
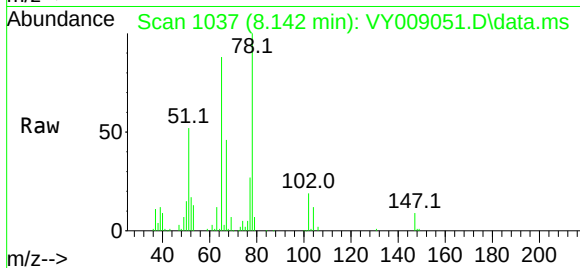
VY0524SBS01

Tgt Ion: 65 Resp: 44748

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

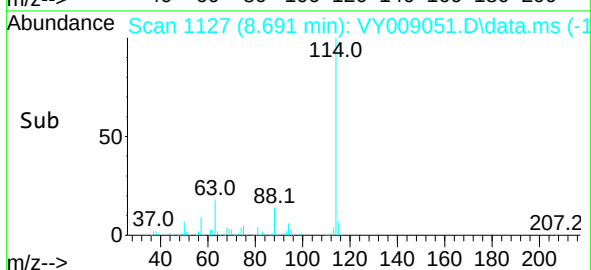
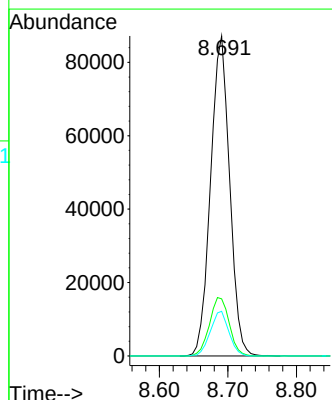
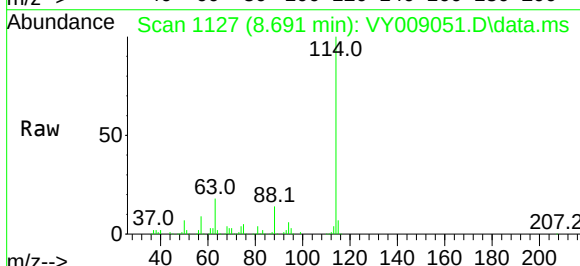
Tgt Ion:114 Resp: 167899

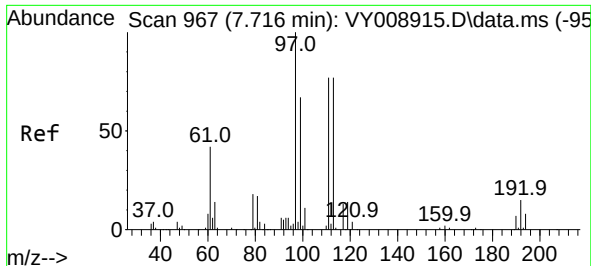
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.9 0.0 31.8

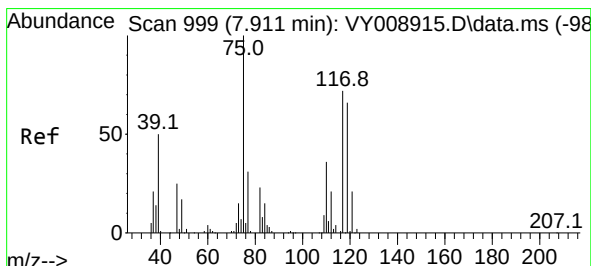
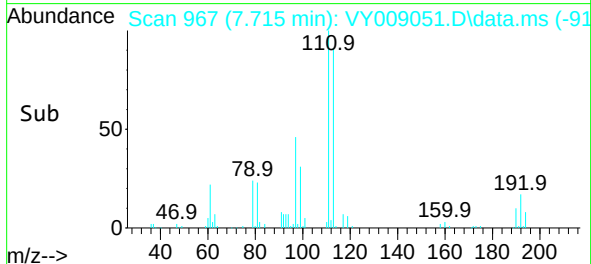
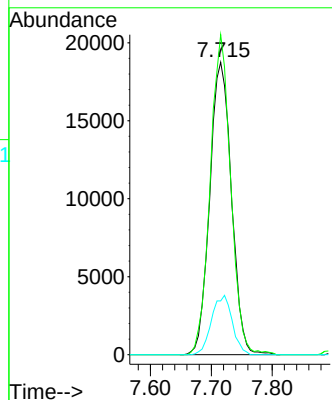
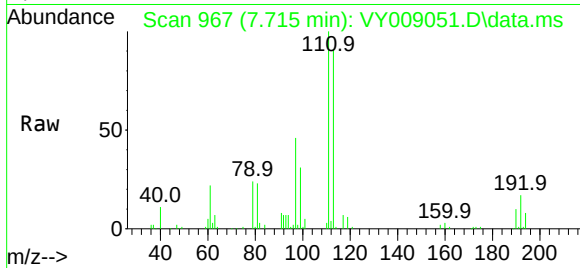




#35
Dibromofluoromethane
Concen: 44.436 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

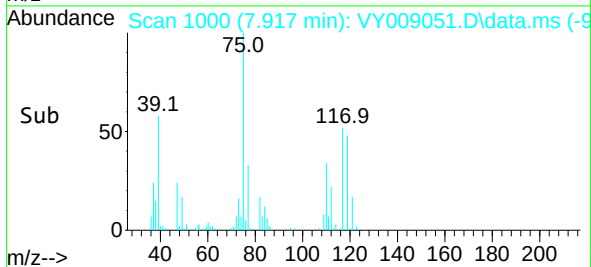
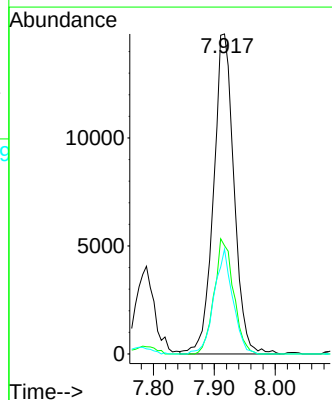
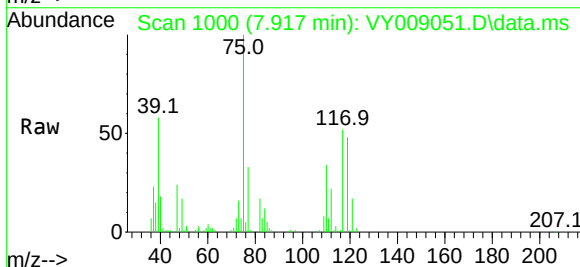
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

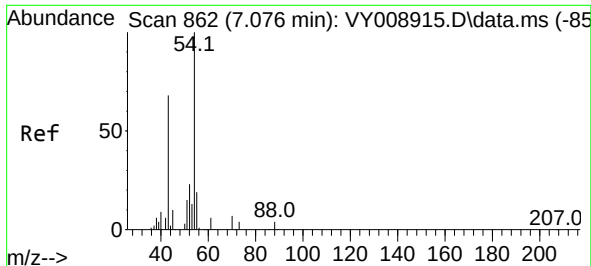
Tgt Ion:113 Resp: 46394
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.466 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 75 Resp: 34587
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 20.007 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

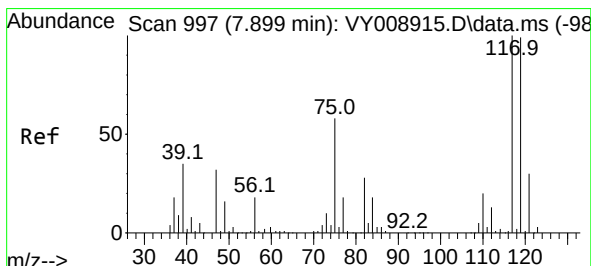
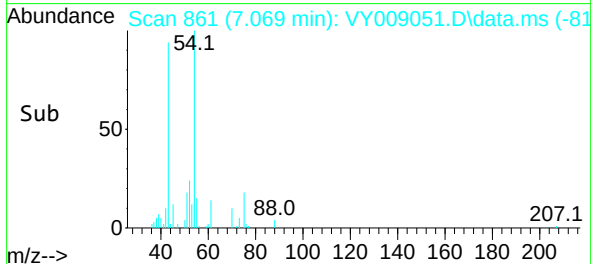
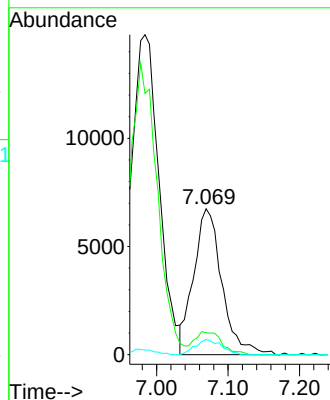
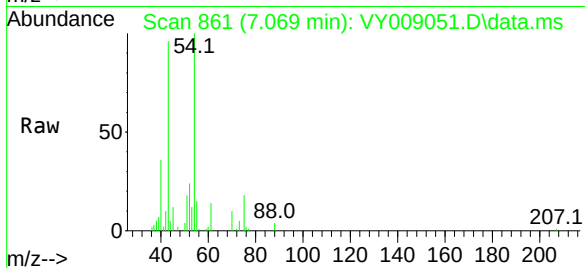
Tgt Ion: 43 Resp: 18440

Ion Ratio Lower Upper

43 100

61 15.7 9.7 14.5#

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.842 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

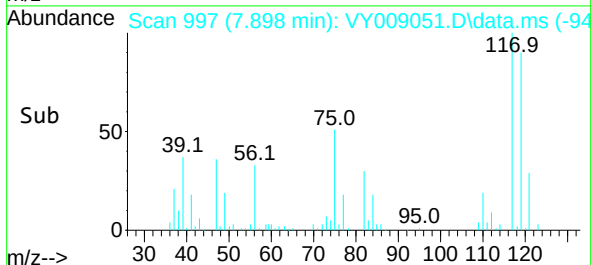
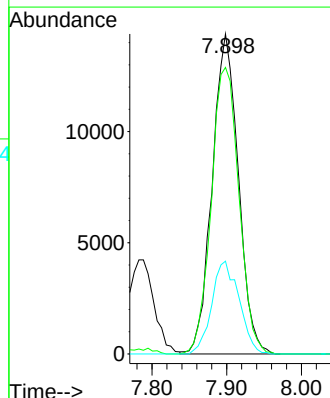
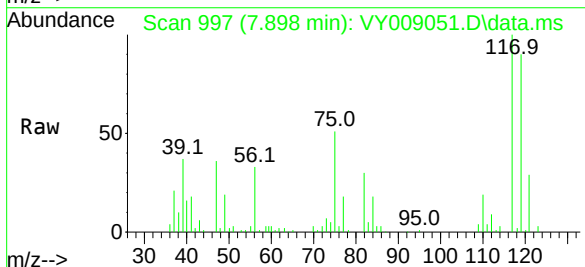
Tgt Ion: 117 Resp: 35022

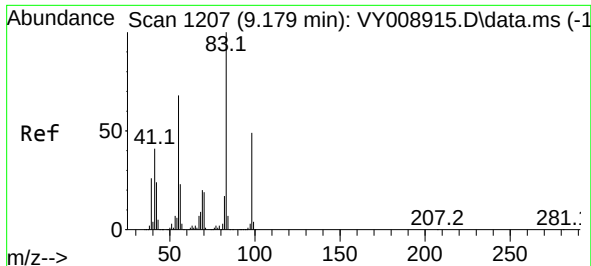
Ion Ratio Lower Upper

117 100

119 89.6 77.9 116.9

121 29.0 24.8 37.2





#39

Methylcyclohexane

Concen: 17.974 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

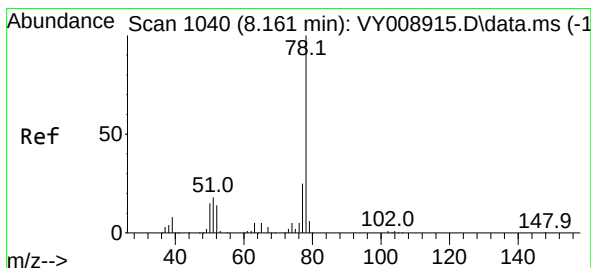
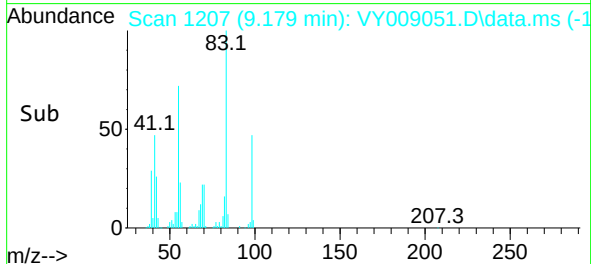
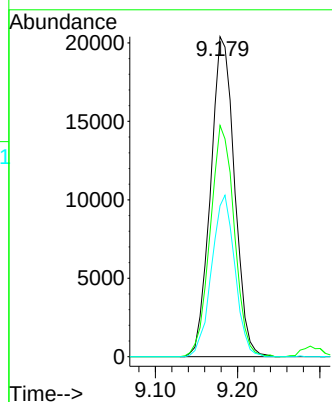
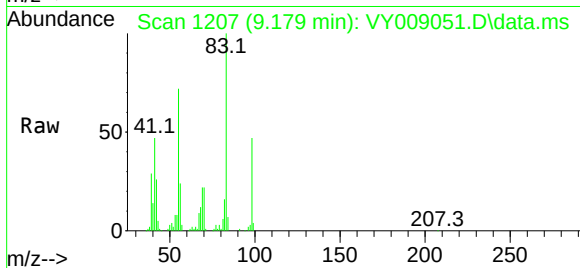
Tgt Ion: 83 Resp: 41222

Ion Ratio Lower Upper

83 100

55 72.3 66.5 99.7

98 47.2 37.9 56.9



#40

Benzene

Concen: 18.706 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VY009051.D

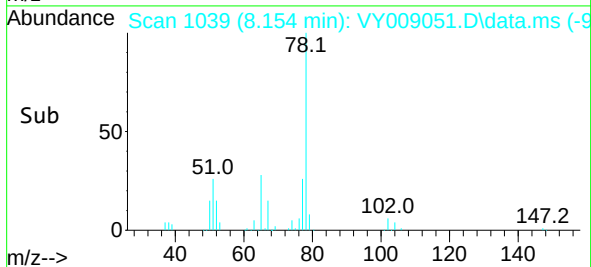
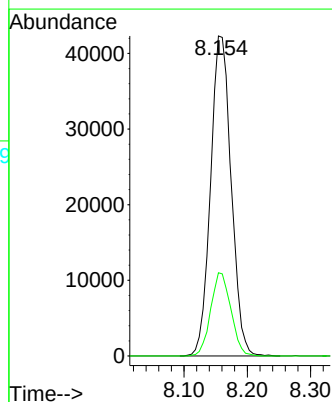
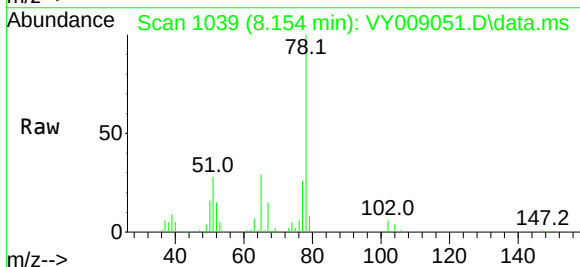
Acq: 24 May 2022 11:02

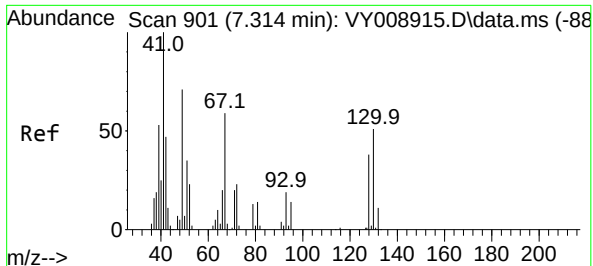
Tgt Ion: 78 Resp: 95842

Ion Ratio Lower Upper

78 100

77 26.0 20.4 30.6

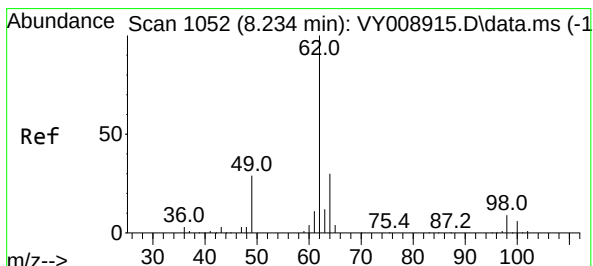
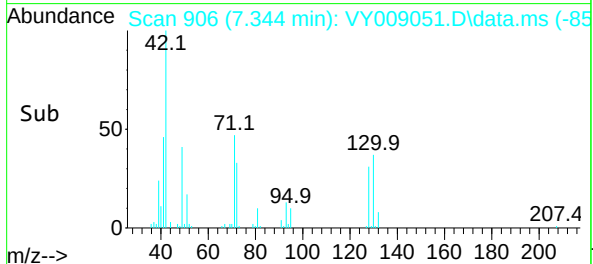
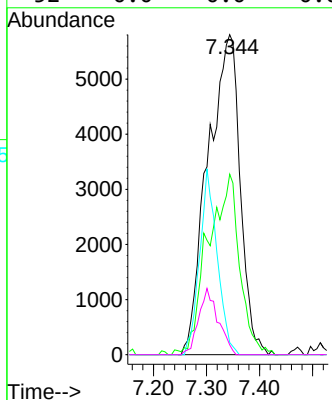
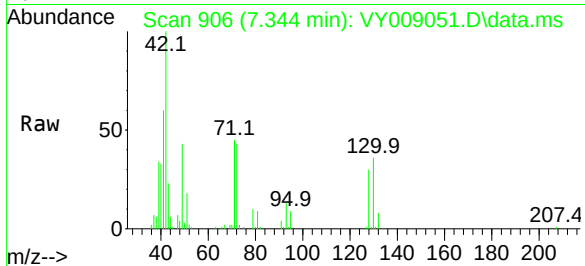




#41
Methacrylonitrile
Concen: 51.485 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

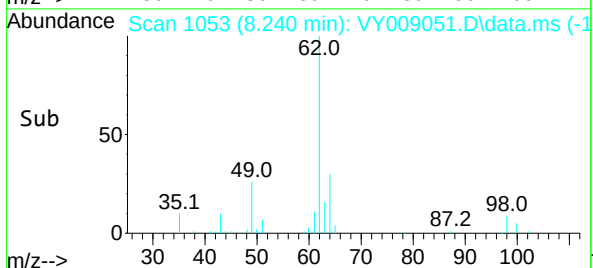
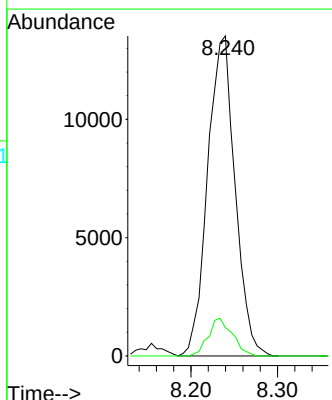
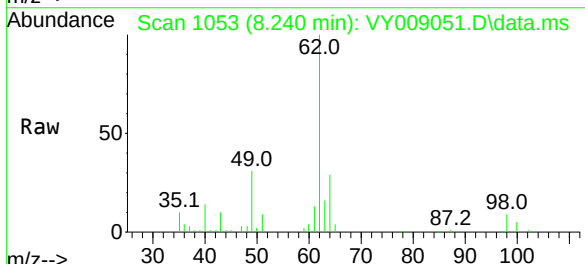
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

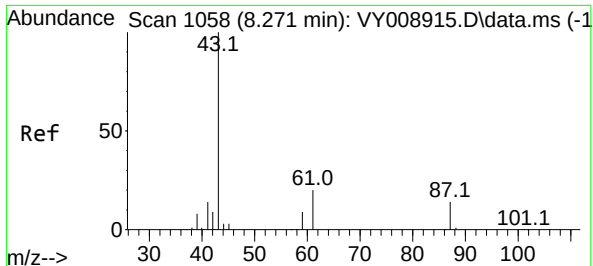
Tgt Ion: 41 Resp: 24487
Ion Ratio Lower Upper
41 100
39 55.2 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 62 Resp: 29765
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

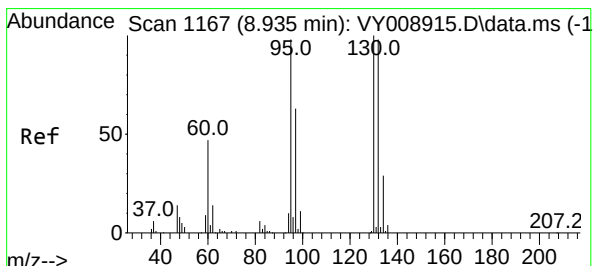
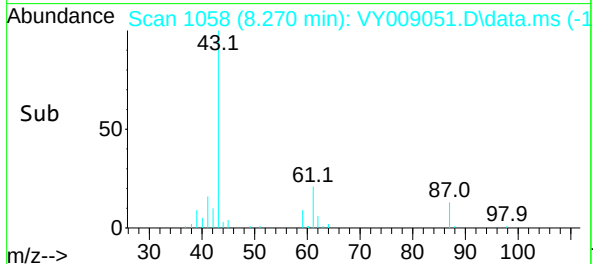
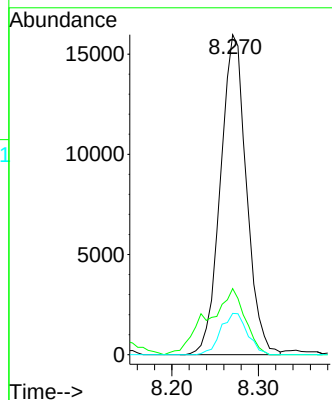
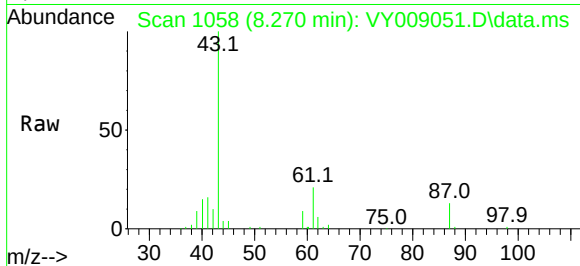




#43
Isopropyl Acetate
Concen: 19.407 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

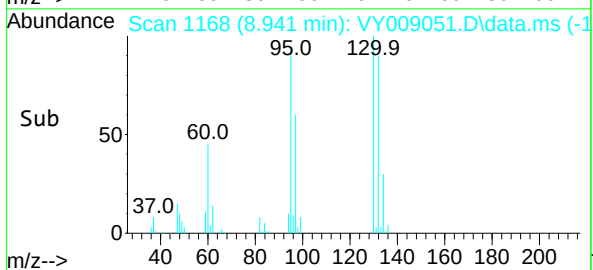
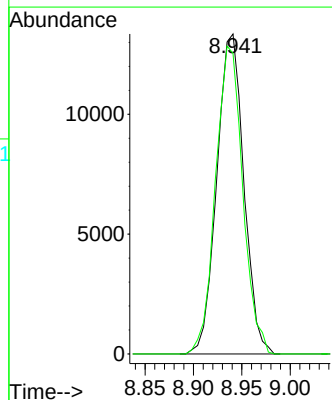
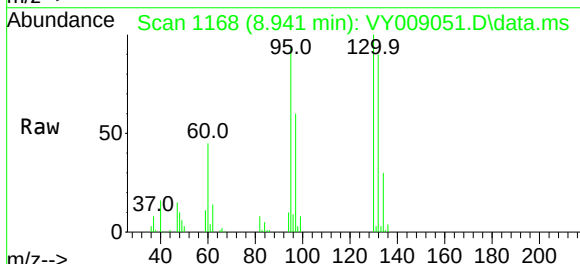
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

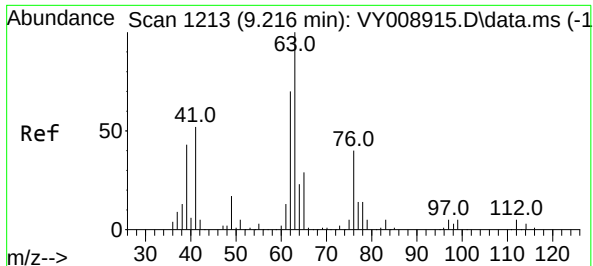
Tgt Ion: 43	Resp: 33259
Ion Ratio	Lower Upper
43 100	
61 29.7	20.2 30.2
87 13.2	8.9 13.3



#44
Trichloroethene
Concen: 19.088 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:130	Resp:	25896	
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	188.2





#45

1,2-Dichloropropane

Concen: 19.420 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

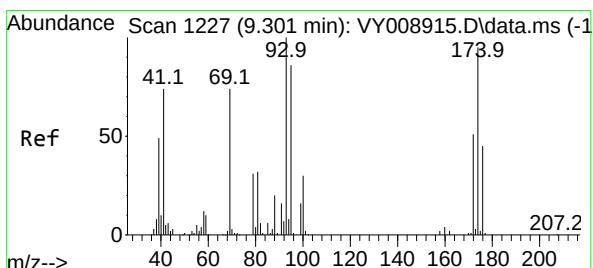
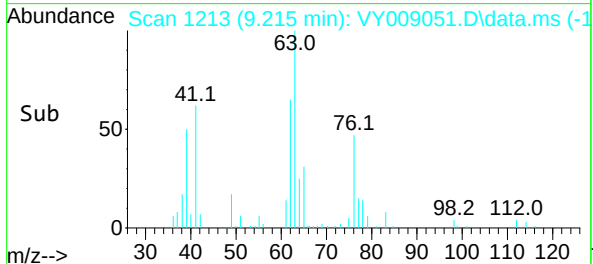
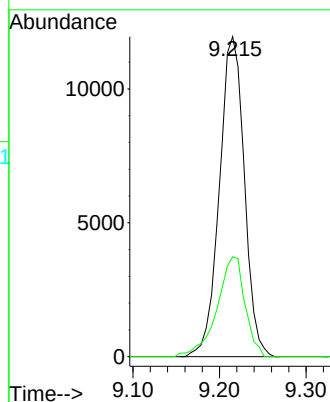
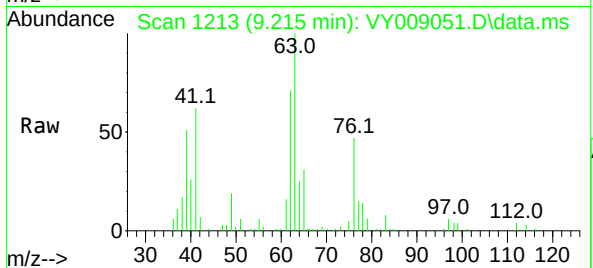
VY0524SBS01

Tgt Ion: 63 Resp: 23891

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 18.913 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

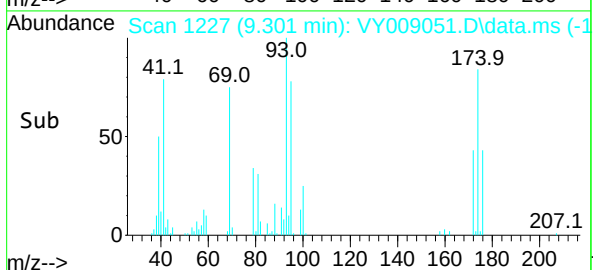
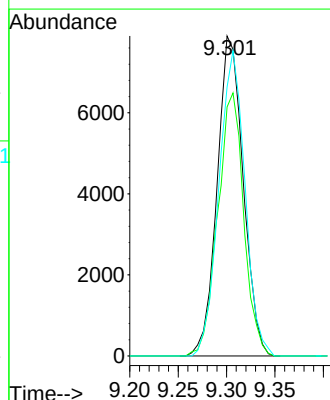
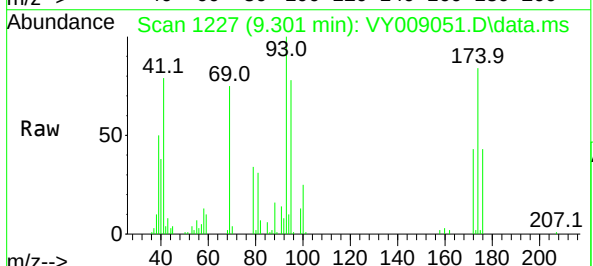
Tgt Ion: 93 Resp: 14795

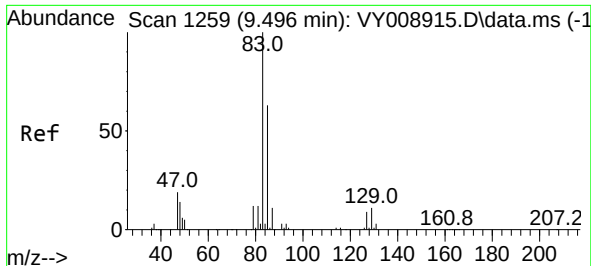
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 95.1 83.4 125.0

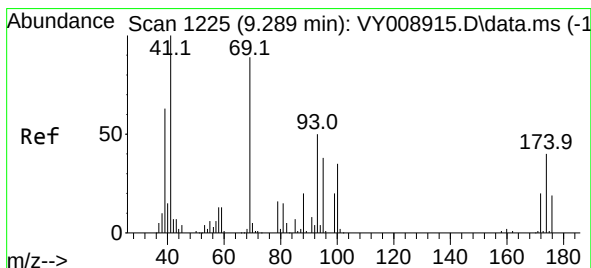
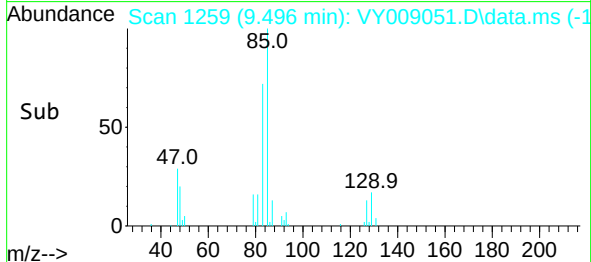
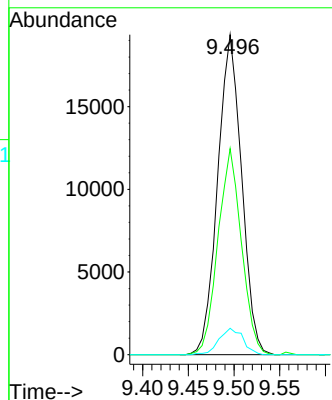
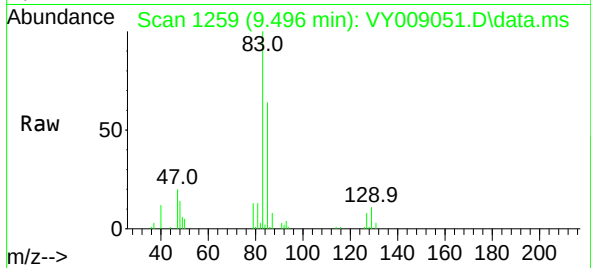




#47
Bromodichloromethane
Concen: 19.736 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

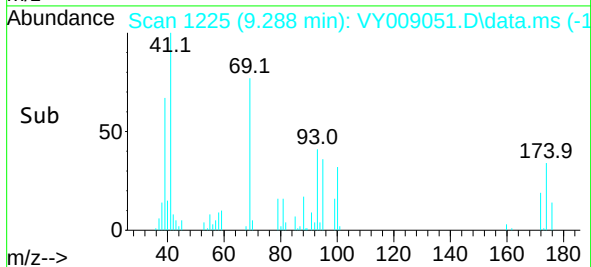
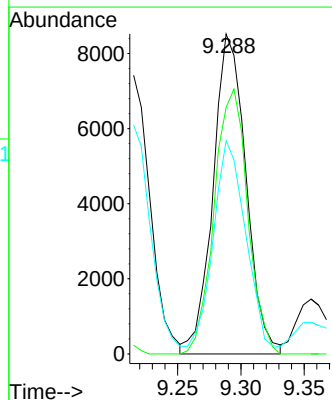
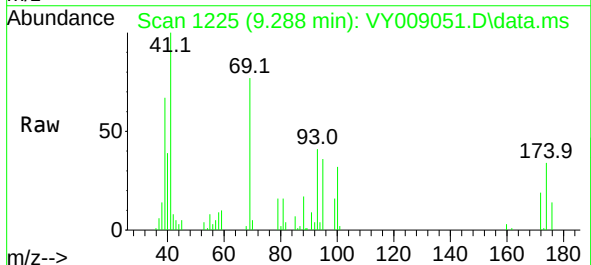
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

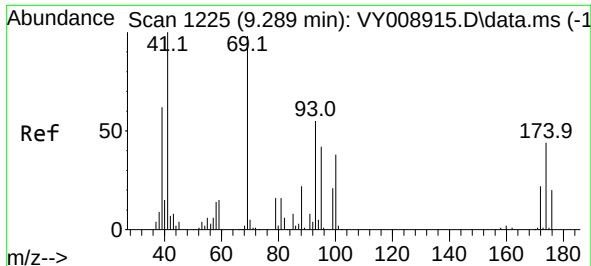
Tgt Ion: 83 Resp: 35284
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 20.153 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 41 Resp: 15422
Ion Ratio Lower Upper
41 100
69 84.0 58.2 87.2
39 62.8 47.4 71.0





#49

1,4-Dioxane

Concen: 343.020 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.005 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

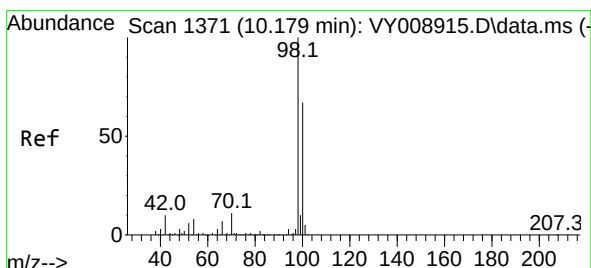
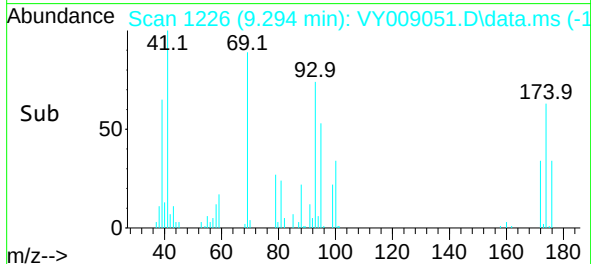
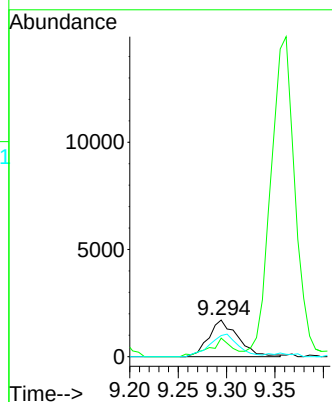
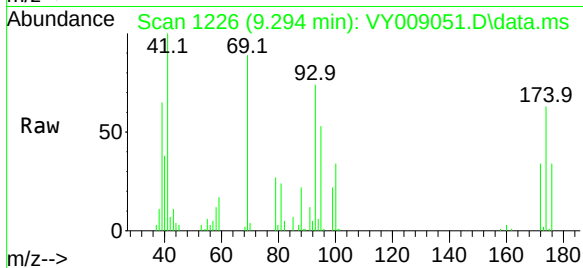
Tgt Ion: 88 Resp: 3587

Ion Ratio Lower Upper

88 100

43 40.2 32.8 49.2

58 59.9 59.8 89.6



#50

Toluene-d8

Concen: 38.359 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY009051.D

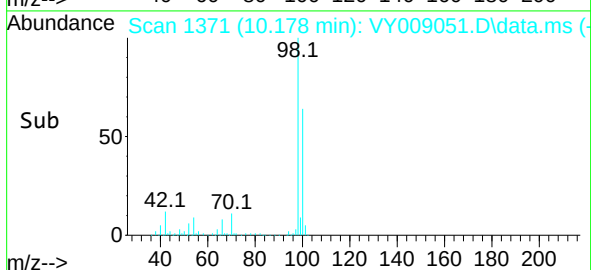
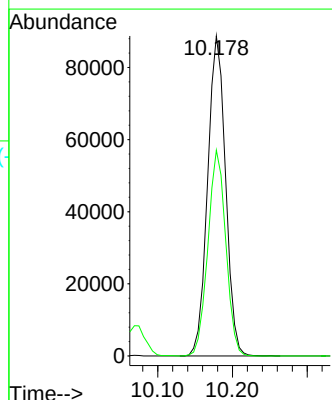
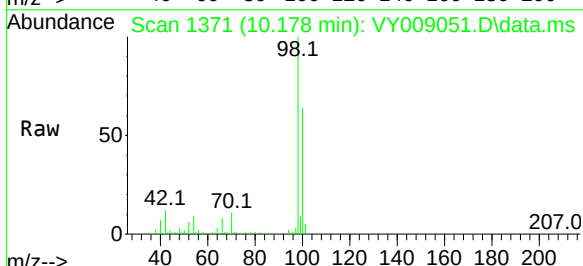
Acq: 24 May 2022 11:02

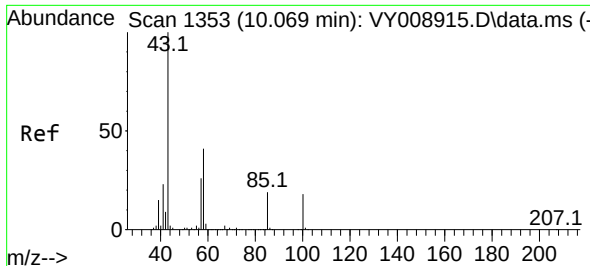
Tgt Ion: 98 Resp: 147749

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.2

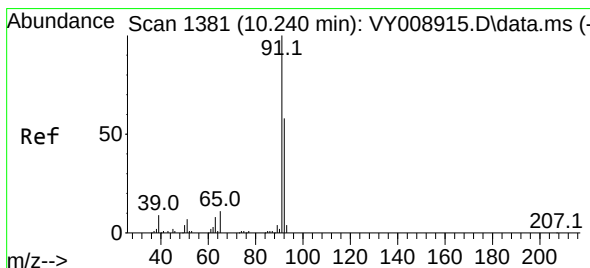
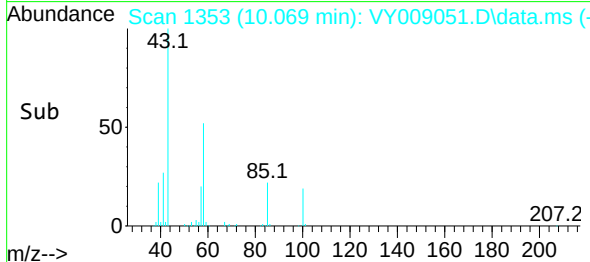
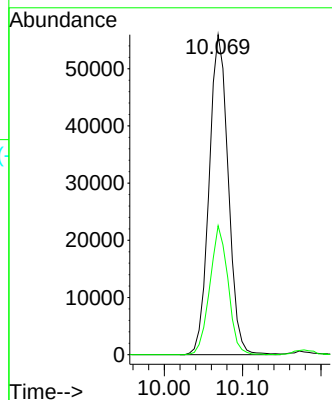
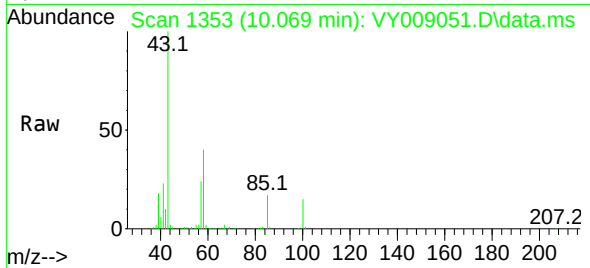




#51
4-Methyl-2-Pentanone
Concen: 100.021 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

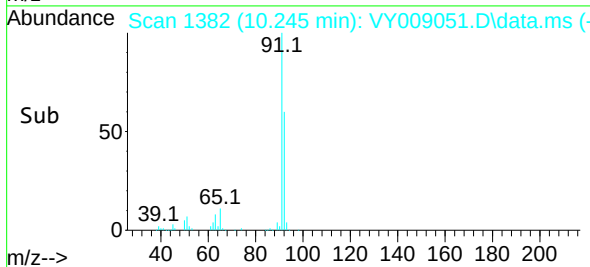
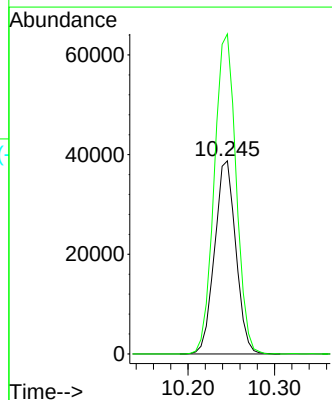
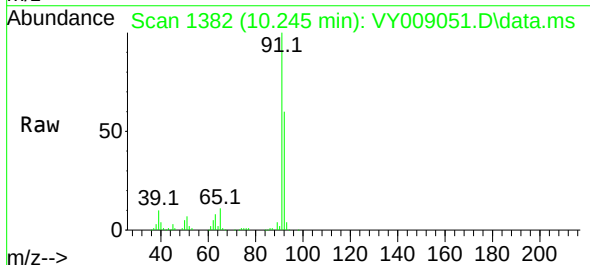
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

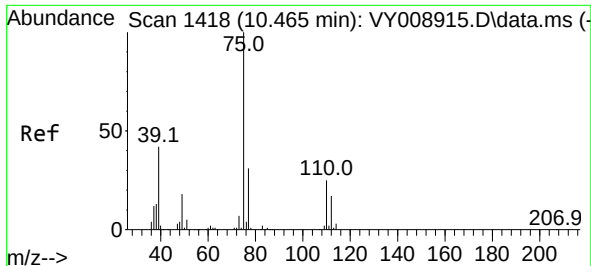
Tgt Ion: 43 Resp: 94866
Ion Ratio Lower Upper
43 100
58 38.4 28.1 42.1



#52
Toluene
Concen: 18.409 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.005 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 92 Resp: 65915
Ion Ratio Lower Upper
92 100
91 170.5 142.6 213.8

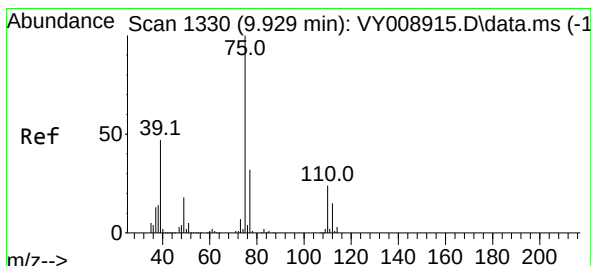
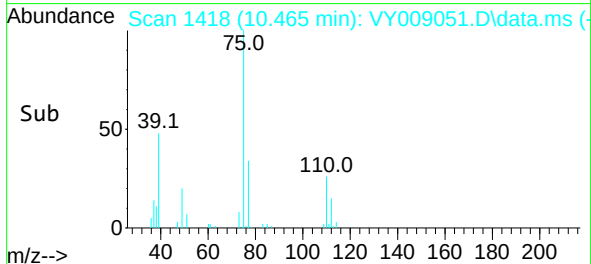
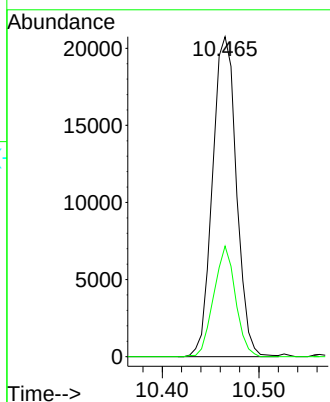
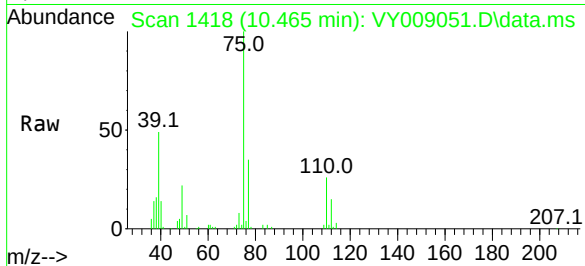




#53
 t-1,3-Dichloropropene
 Concen: 18.733 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

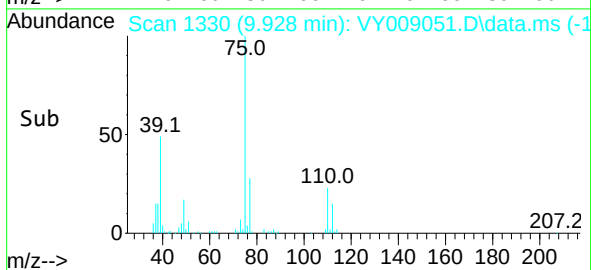
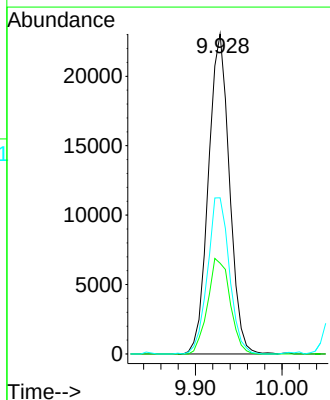
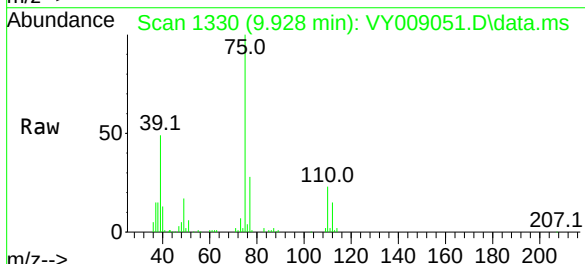
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

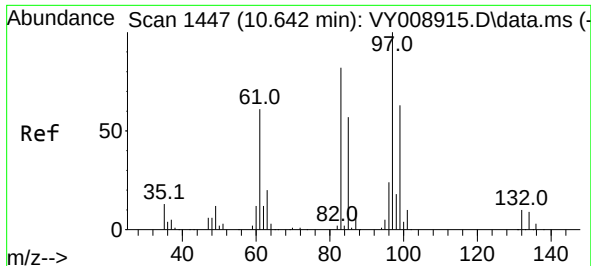
Tgt Ion: 75 Resp: 35565
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.026 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.001 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

Tgt Ion: 75 Resp: 38832
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.6 38.4
 39 48.8 47.6 71.4

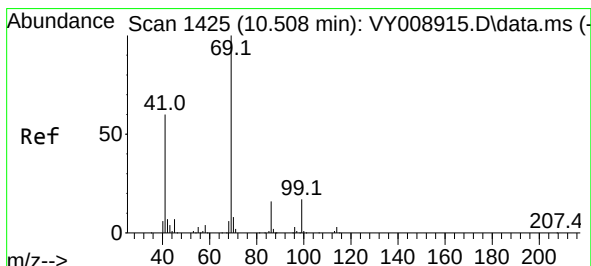
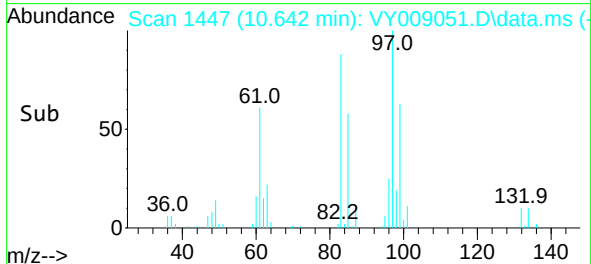
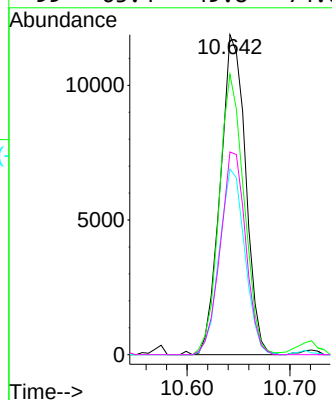
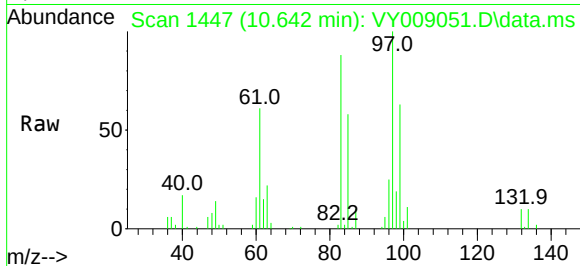




#55
 1,1,2-Trichloroethane
 Concen: 18.550 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

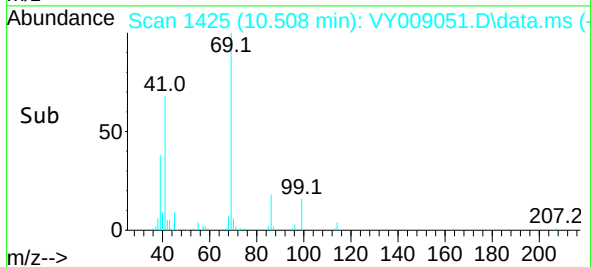
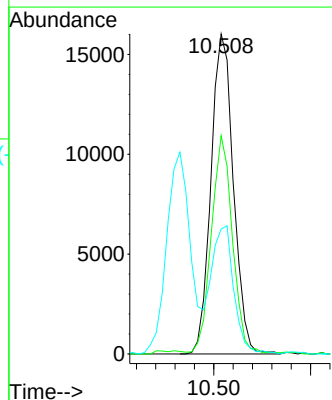
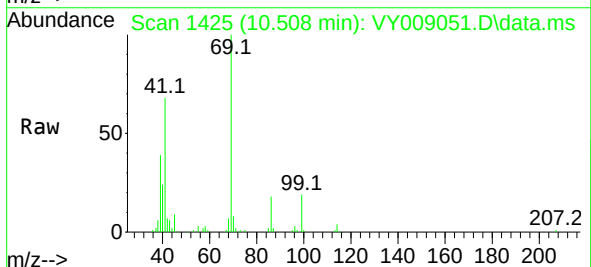
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

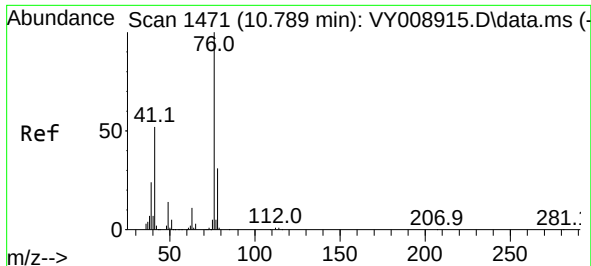
Tgt Ion: 97	Resp: 20302
Ion Ratio	Lower Upper
97 100	
83 87.6	69.8 104.8
85 58.0	44.3 66.5
99 63.4	49.8 74.6



#56
 Ethyl methacrylate
 Concen: 18.440 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

Tgt Ion: 69	Resp: 25802
Ion Ratio	Lower Upper
69 100	
41 63.1	63.4 95.0#
39 39.7	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.240 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.005 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

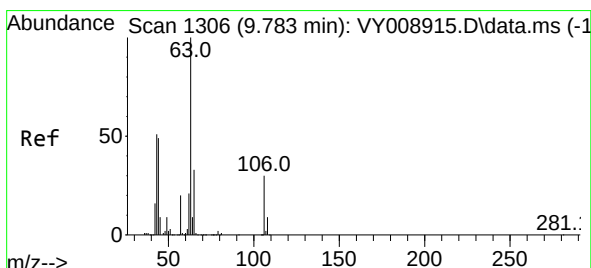
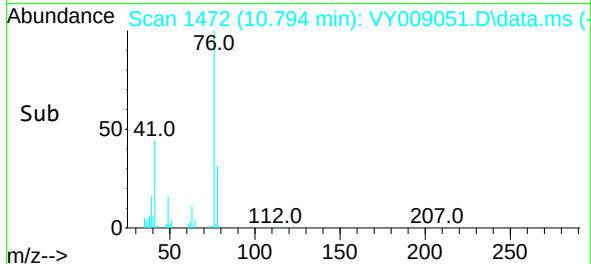
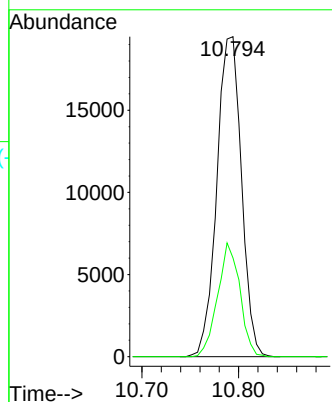
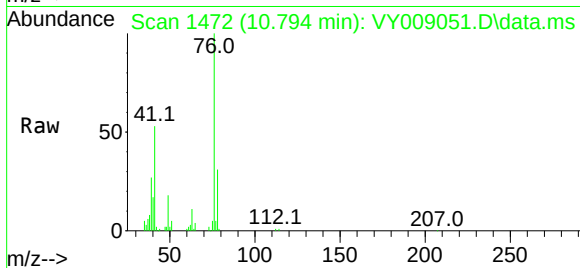
VY0524SBS01

Tgt Ion: 76 Resp: 34348

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.409 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009051.D

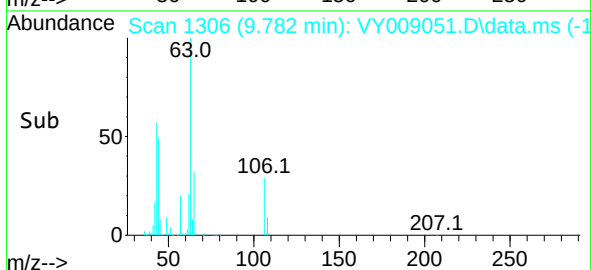
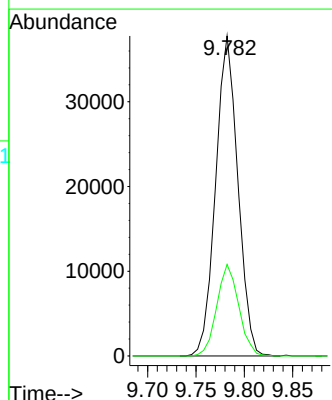
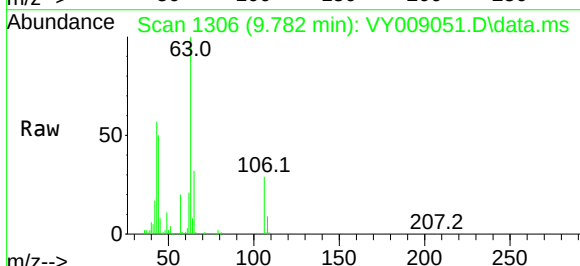
Acq: 24 May 2022 11:02

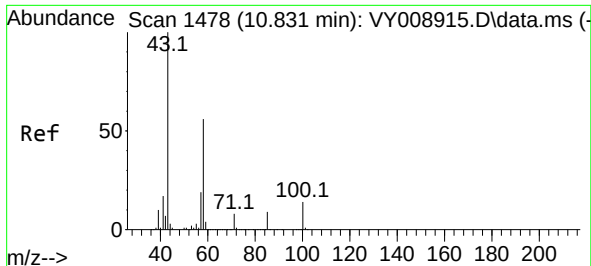
Tgt Ion: 63 Resp: 60177

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

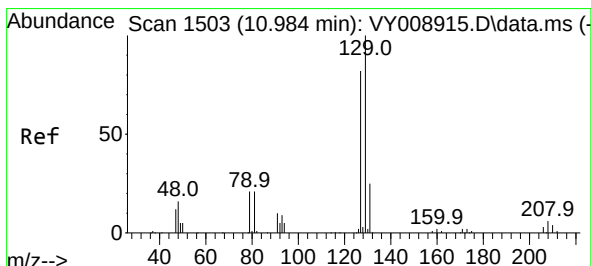
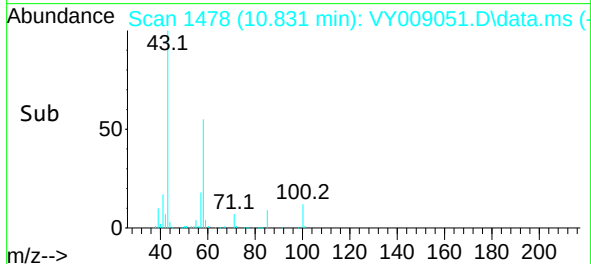
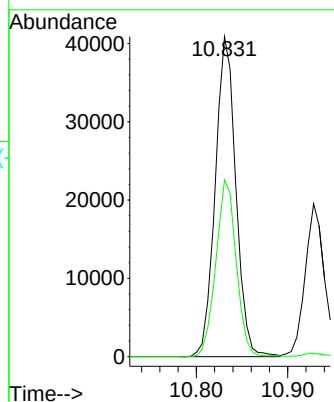
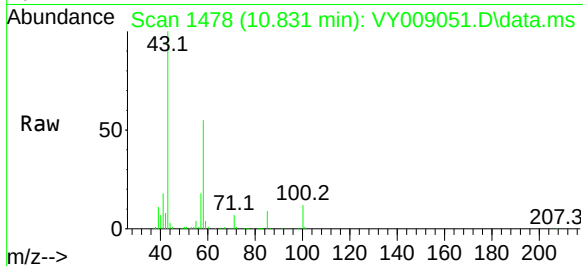




#59
2-Hexanone
Concen: 98.543 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

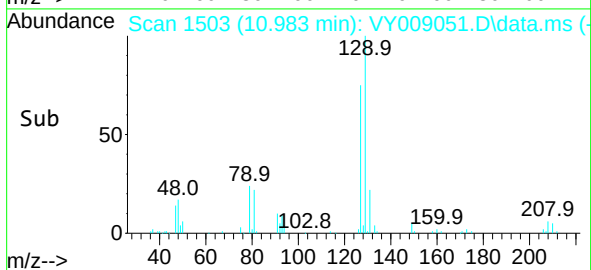
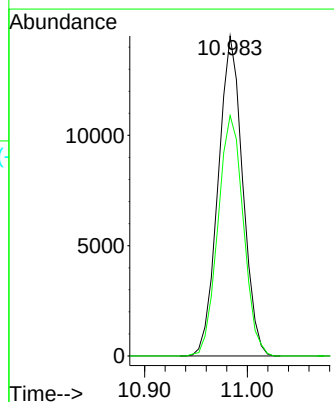
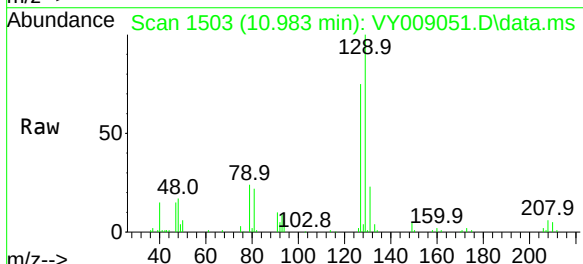
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

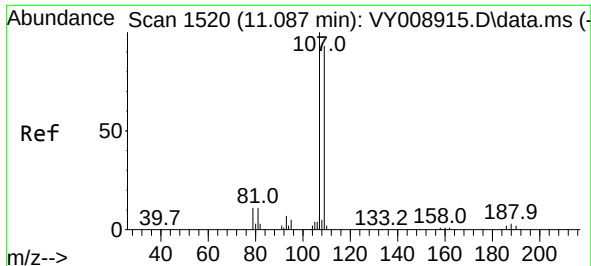
Tgt Ion: 43 Resp: 63992
Ion Ratio Lower Upper
43 100
58 54.7 24.4 73.4



#60
Dibromochloromethane
Concen: 18.129 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 129 Resp: 24051
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

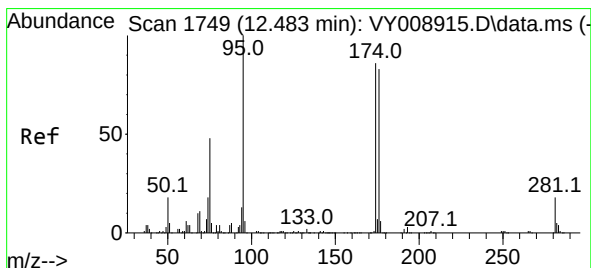
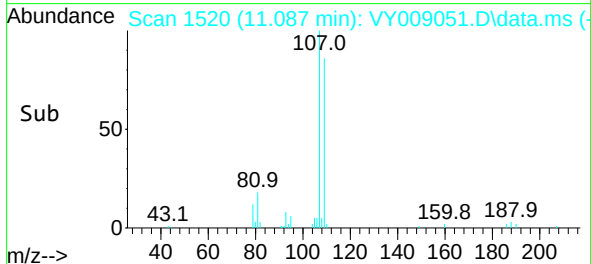
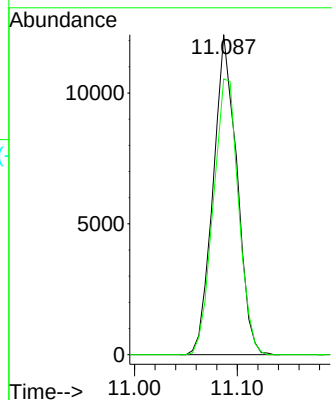
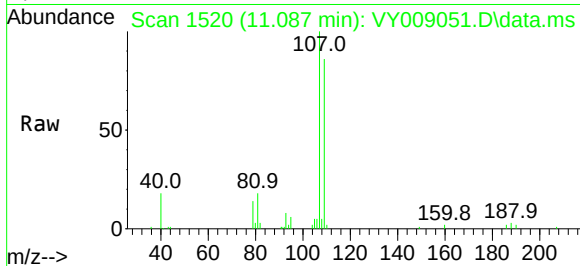




#61
1,2-Dibromoethane
Concen: 18.019 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

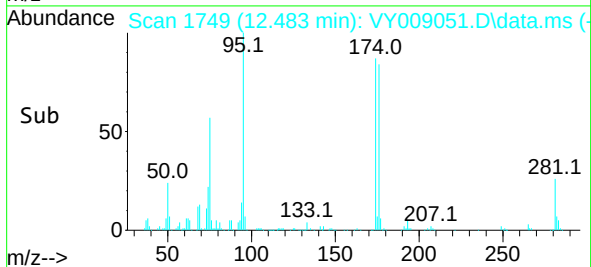
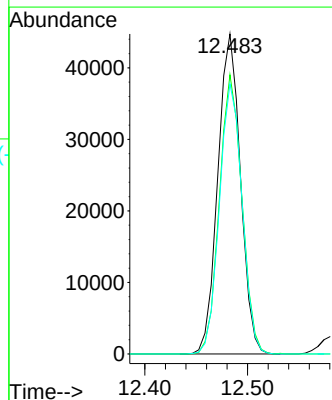
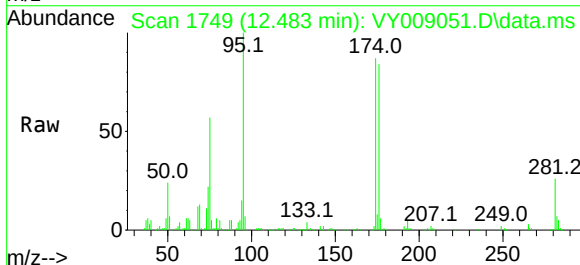
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

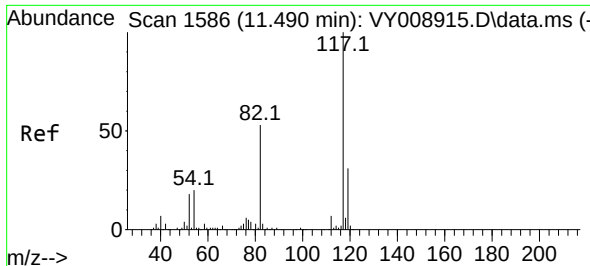
Tgt Ion:107 Resp: 19542
Ion Ratio Lower Upper
107 100
109 92.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.948 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 95 Resp: 68284
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 84.6 0.0 175.8

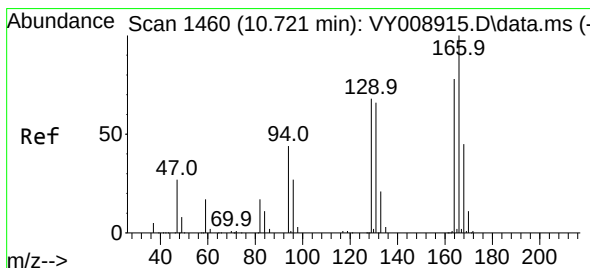
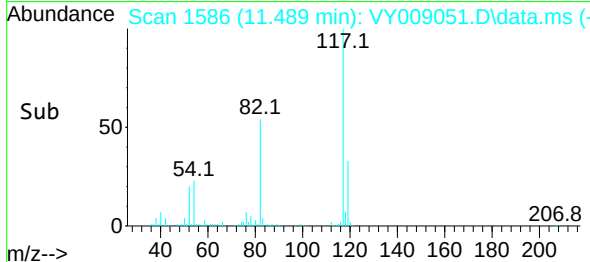
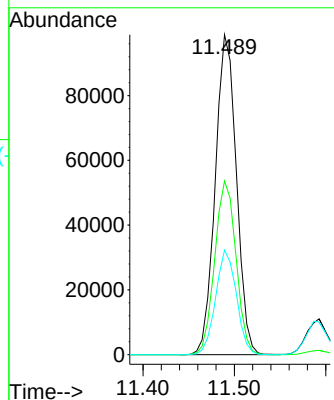
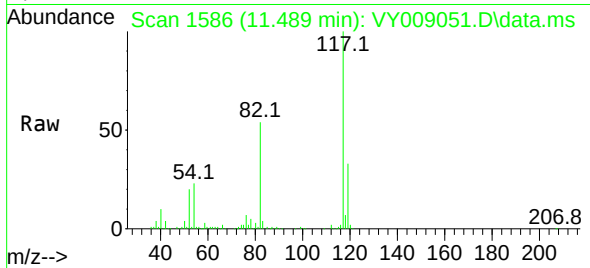




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

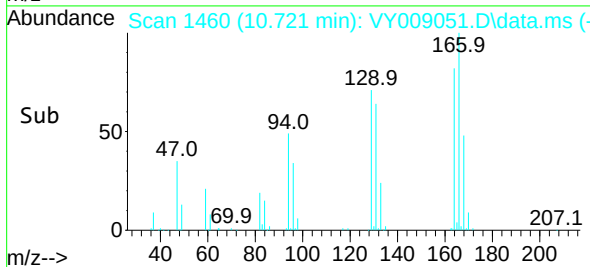
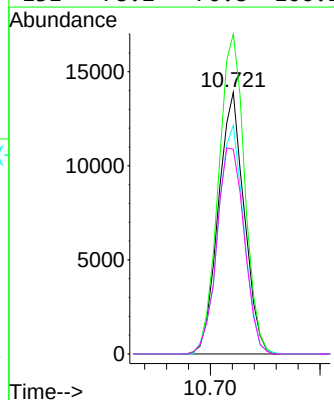
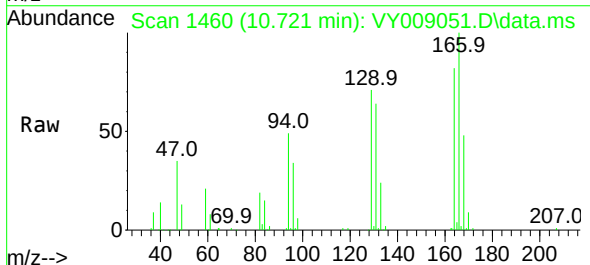
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

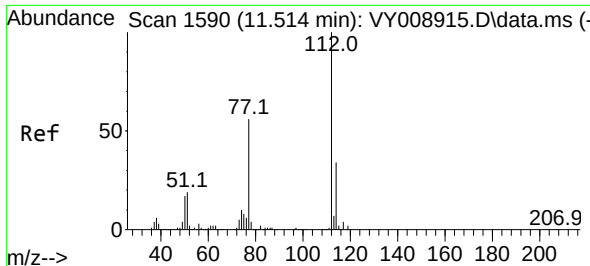
Tgt Ion:117 Resp: 159003
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 19.668 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:164 Resp: 22762
Ion Ratio Lower Upper
164 100
166 122.2 100.4 150.6
129 87.4 71.4 107.0
131 78.2 70.8 106.2

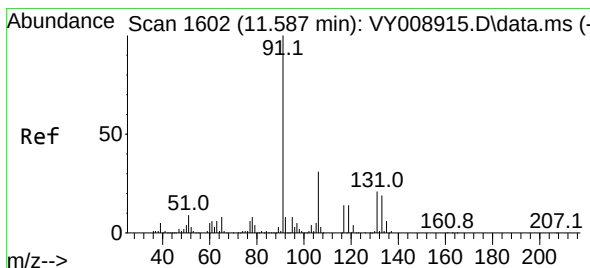
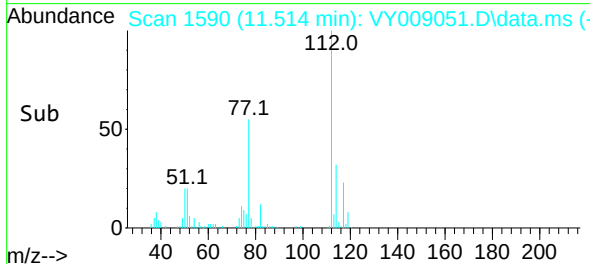
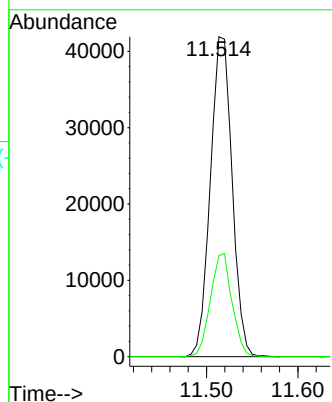
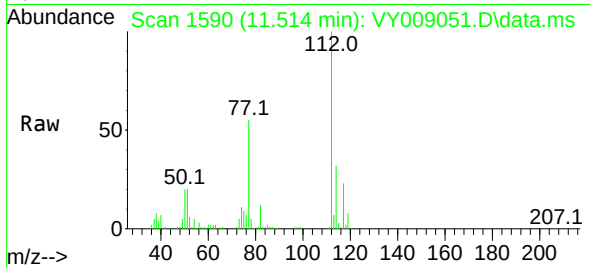




#65
Chlorobenzene
Concen: 18.991 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

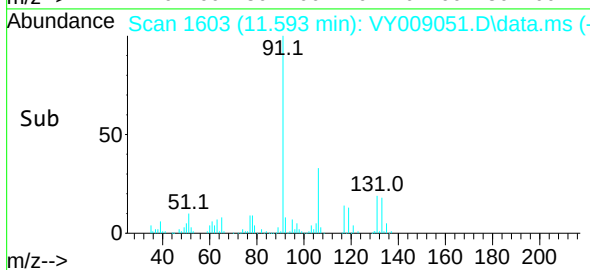
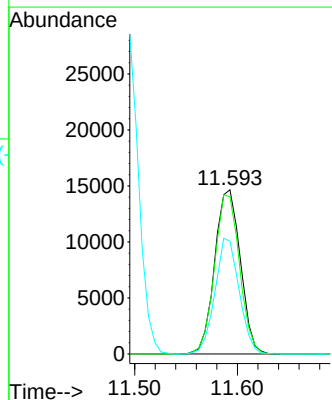
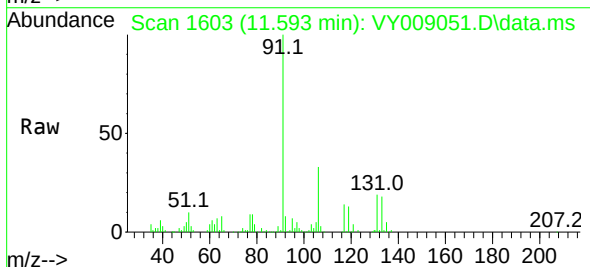
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

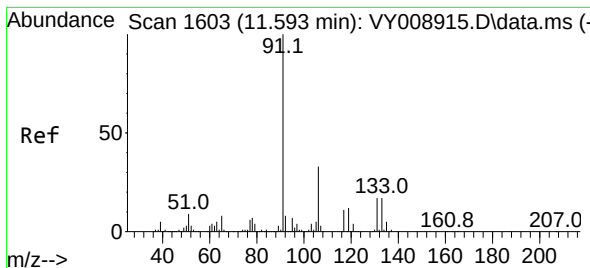
Tgt Ion:112 Resp: 69307
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.003 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:131 Resp: 25394
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 18.884 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

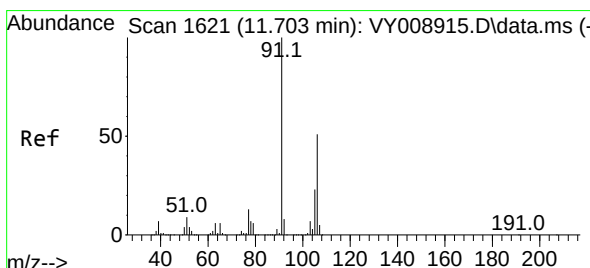
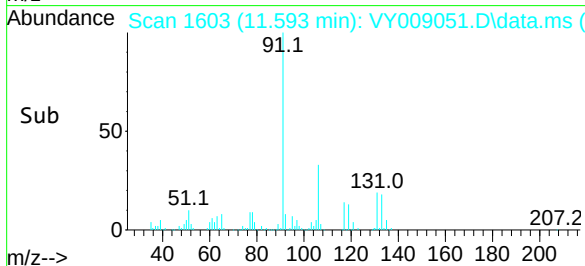
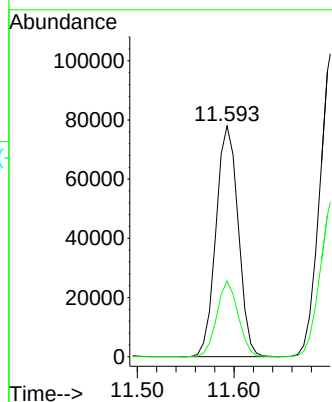
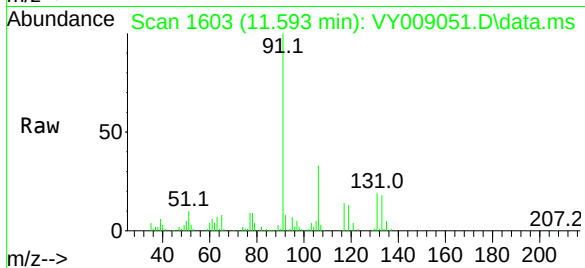
VY0524SBS01

Tgt Ion: 91 Resp: 124197

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.430 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009051.D

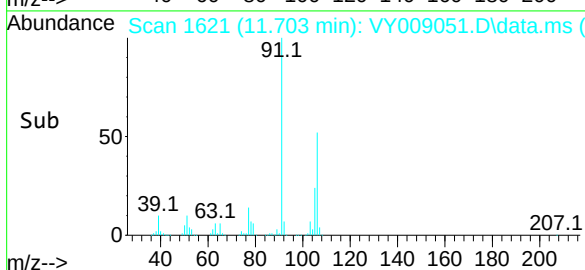
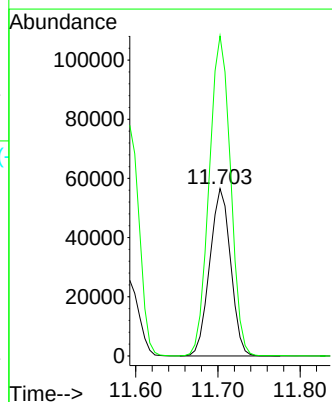
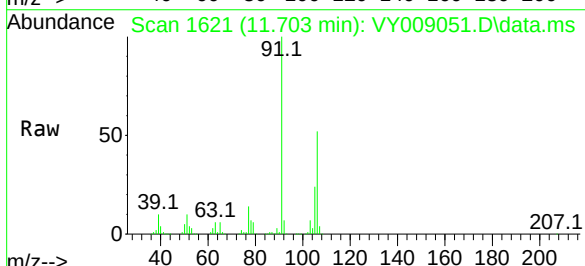
Acq: 24 May 2022 11:02

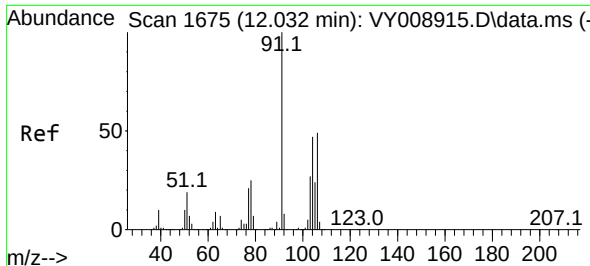
Tgt Ion: 106 Resp: 99934

Ion Ratio Lower Upper

106 100

91 195.4 166.6 249.8

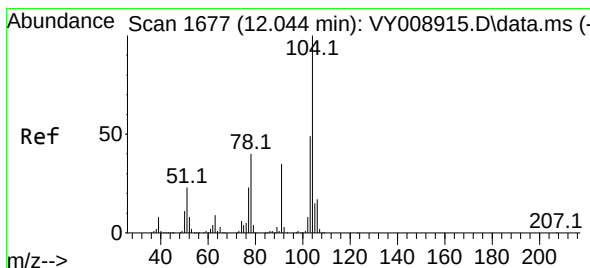
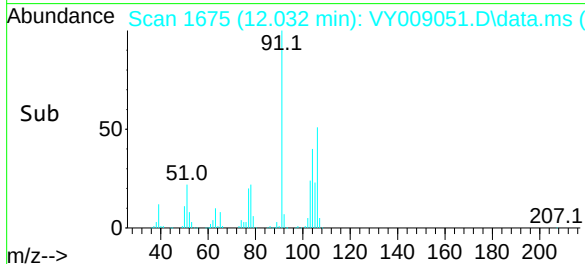
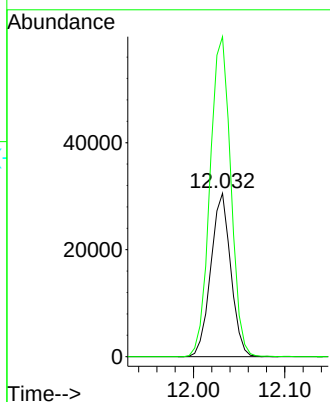
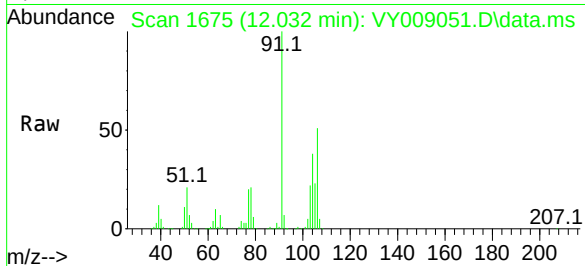




#69
o-Xylene
Concen: 18.640 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

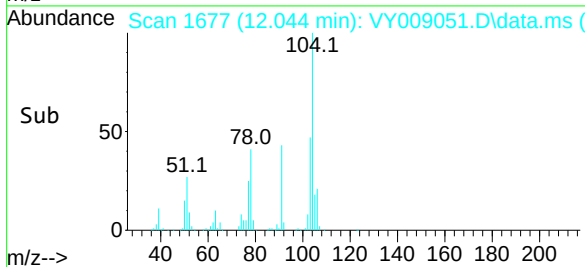
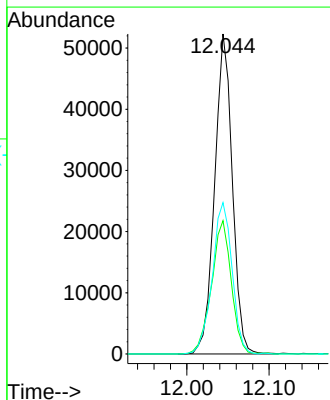
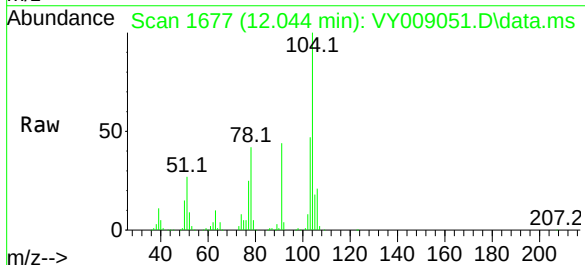
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

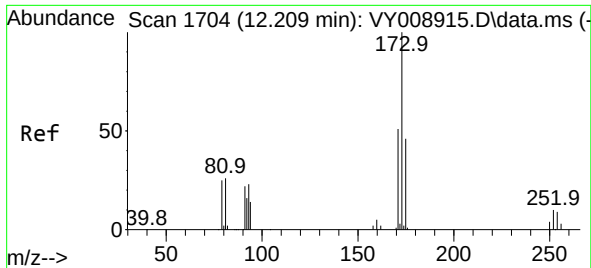
Tgt Ion:106 Resp: 46215
Ion Ratio Lower Upper
106 100
91 204.2 110.3 331.0



#70
Styrene
Concen: 18.349 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:104 Resp: 78234
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 52.9 44.4 66.6

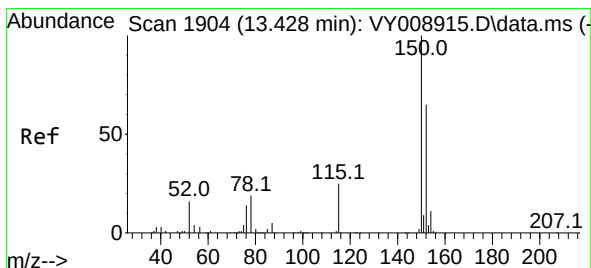
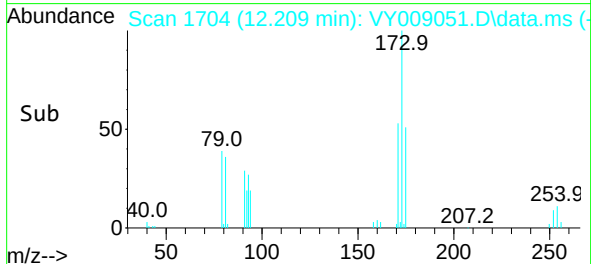
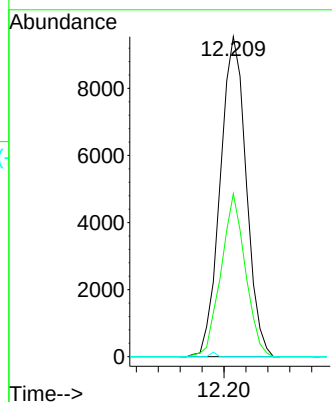
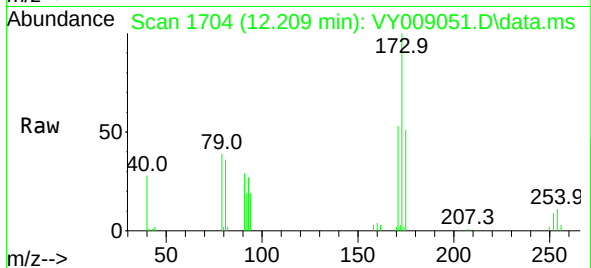




#71
Bromoform
Concen: 17.713 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

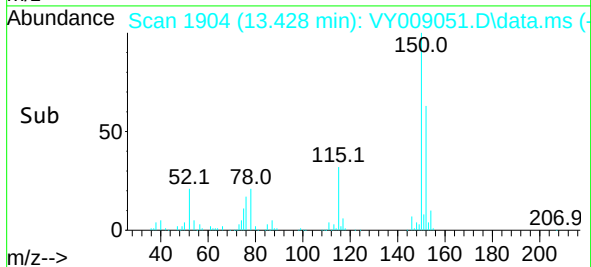
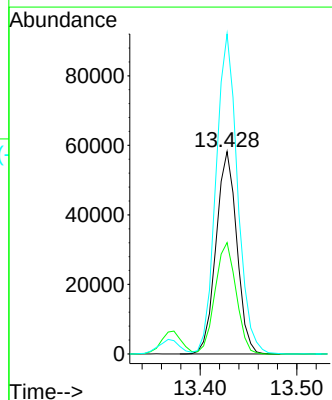
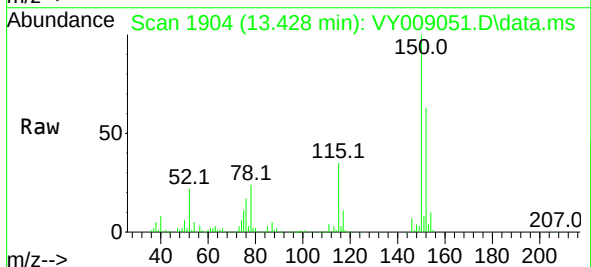
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

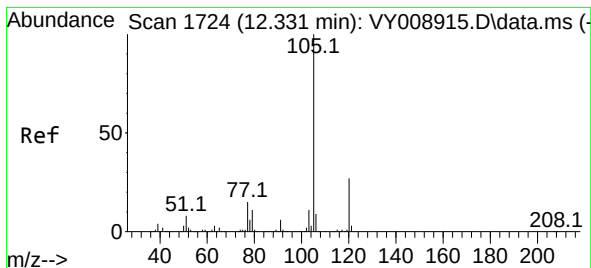
Tgt Ion:173 Resp: 15691
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.3 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:152 Resp: 86630
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 164.3 0.0 347.6





#73

Isopropylbenzene

Concen: 19.033 ug/l

RT: 12.330 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

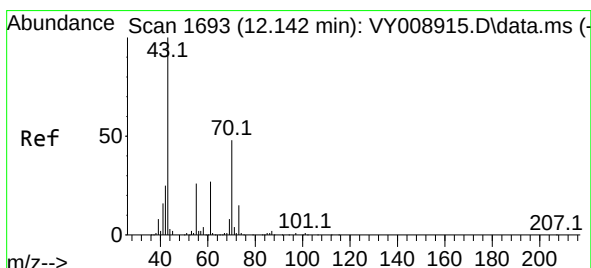
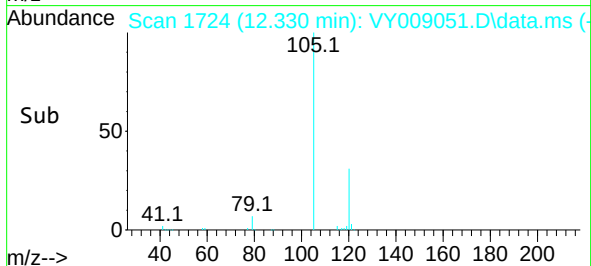
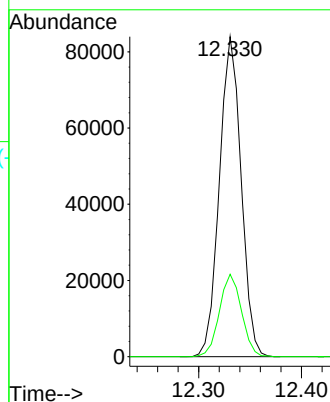
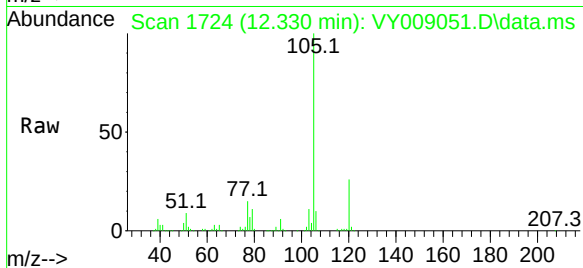
VY0524SBS01

Tgt Ion:105 Resp: 123292

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#74

N-ethyl acetate

Concen: 21.241 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Tgt Ion: 43 Resp: 31746

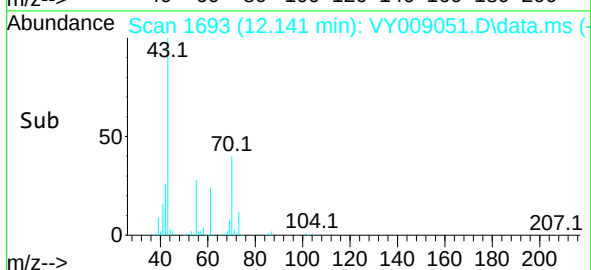
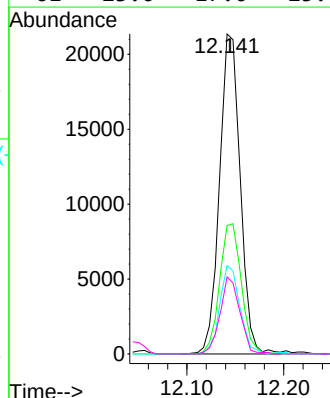
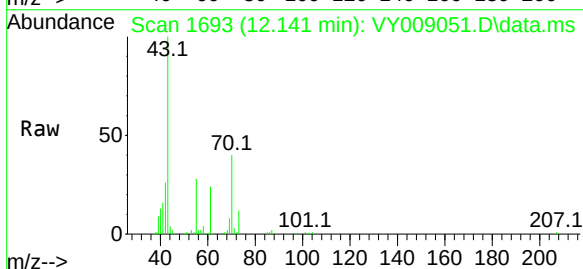
Ion Ratio Lower Upper

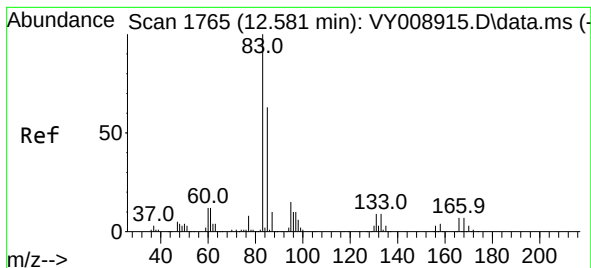
43 100

70 42.7 28.7 43.1

55 26.8 17.3 25.9#

61 23.0 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.989 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

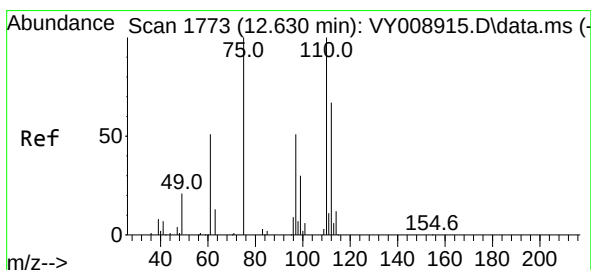
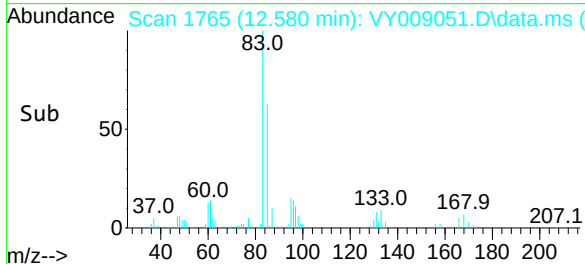
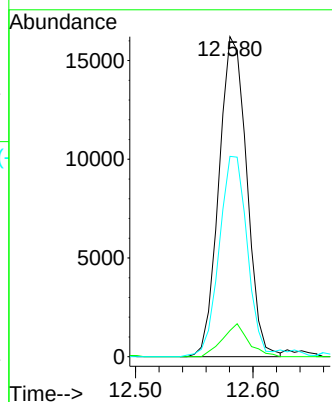
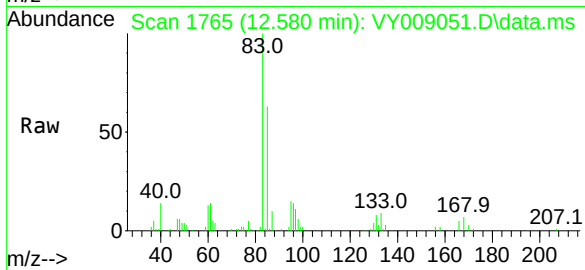
Tgt Ion: 83 Resp: 26673

Ion Ratio Lower Upper

83 100

131 9.6 5.6 16.8

85 63.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 36.204 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.005 min

Lab File: VY009051.D

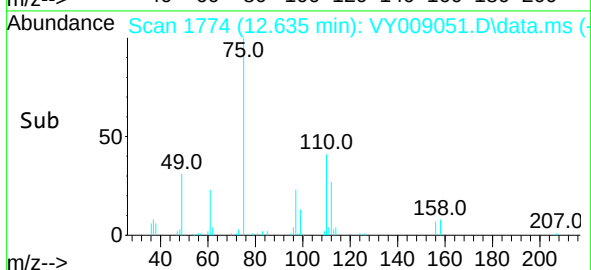
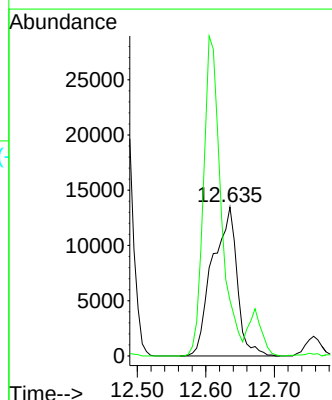
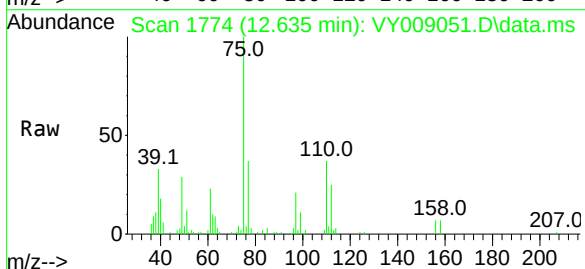
Acq: 24 May 2022 11:02

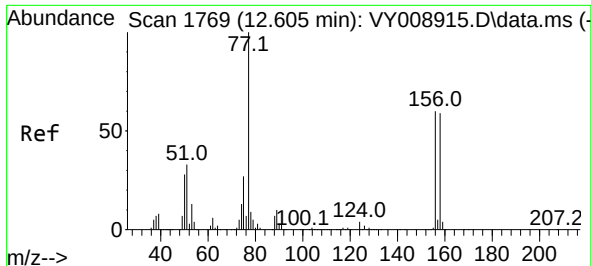
Tgt Ion: 75 Resp: 33681

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

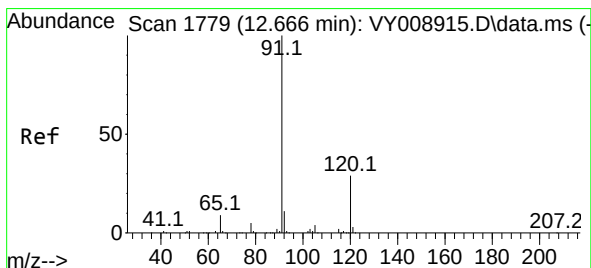
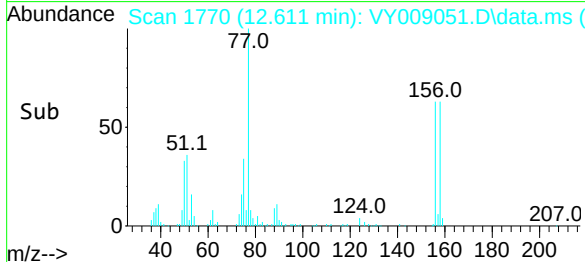
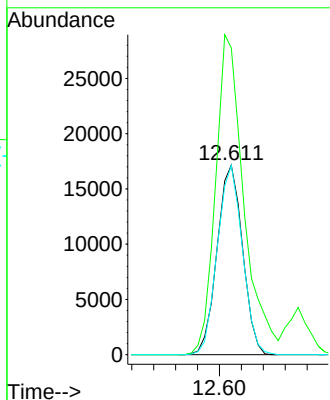
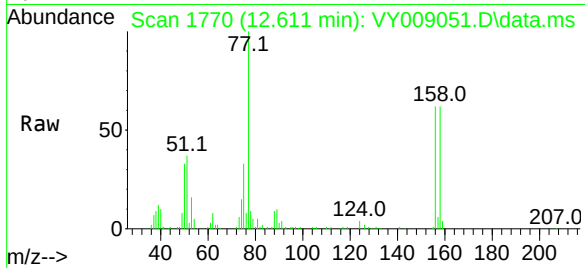




#77
Bromobenzene
Concen: 18.398 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

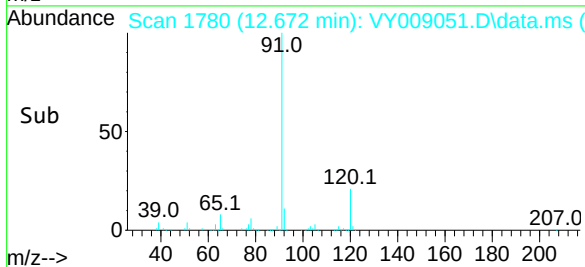
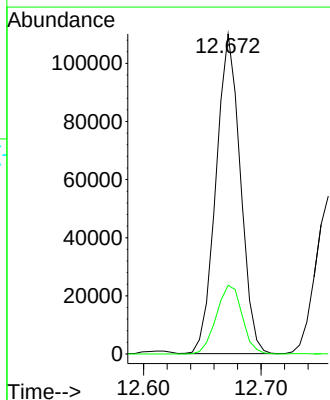
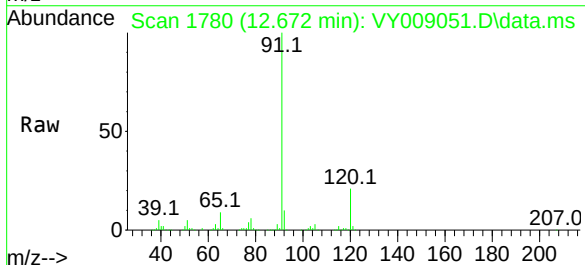
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

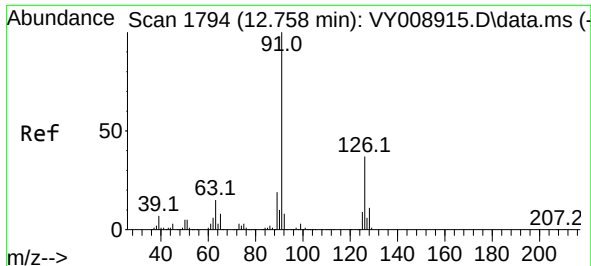
Tgt Ion:156 Resp: 27626
Ion Ratio Lower Upper
156 100
77 187.2 95.5 286.4
158 98.6 48.0 144.0



#78
n-propylbenzene
Concen: 21.154 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 91 Resp: 158320
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

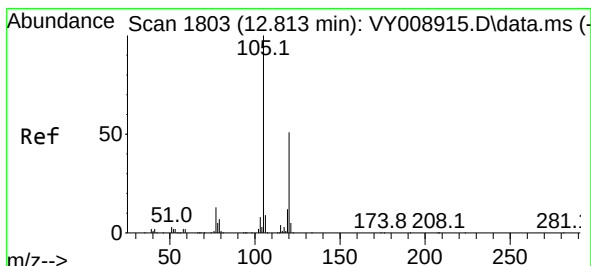
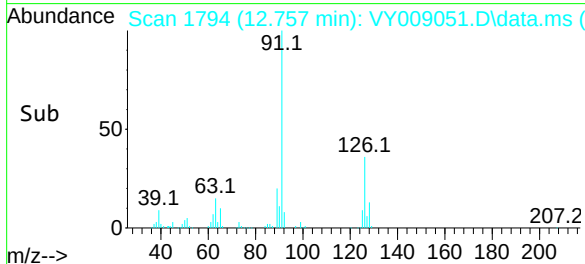
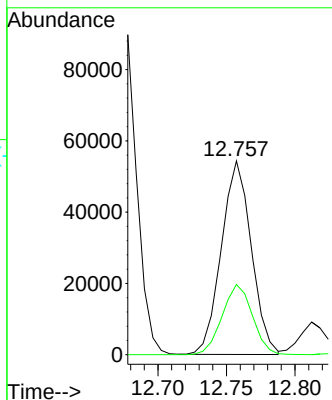
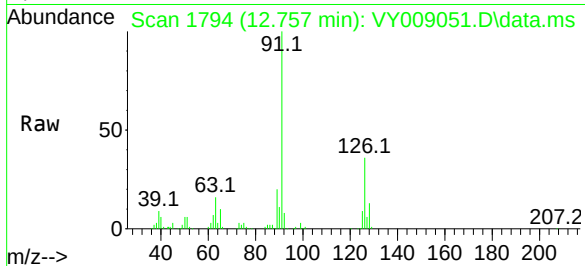




#79
2-Chlorotoluene
Concen: 19.146 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

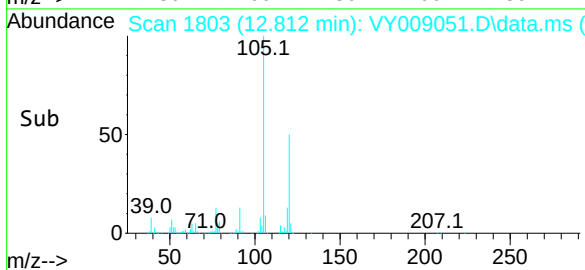
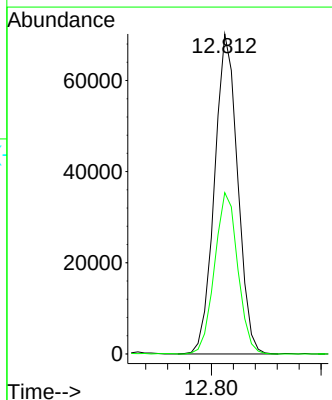
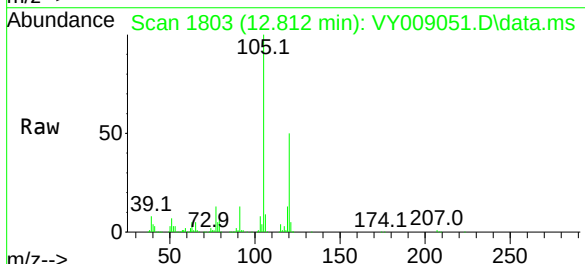
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

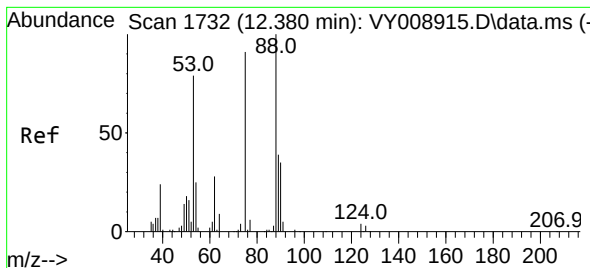
Tgt Ion: 91 Resp: 82653
Ion Ratio Lower Upper
91 100
126 36.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 18.950 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 105 Resp: 102887
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4

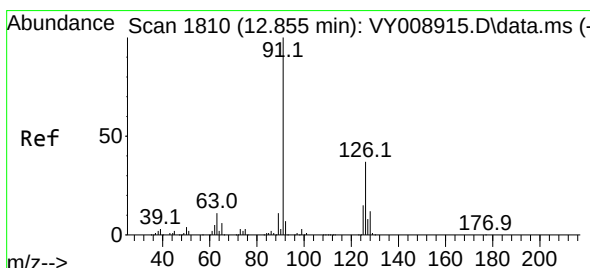
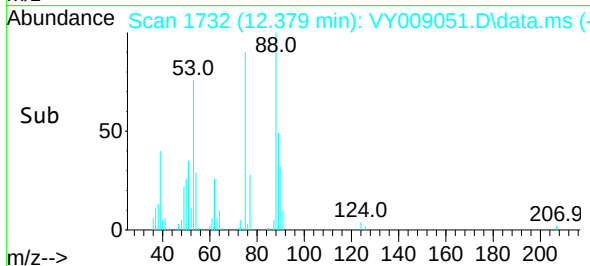
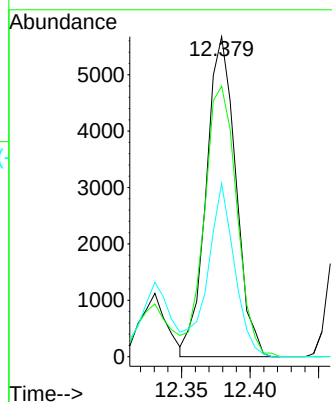
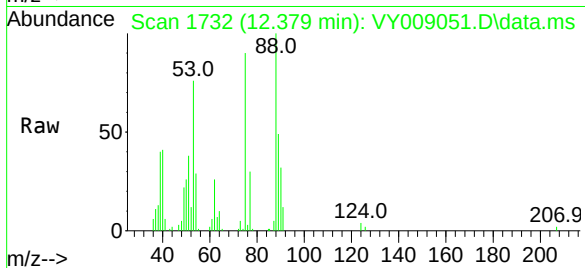




#81
trans-1,4-Dichloro-2-butene
Concen: 18.778 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

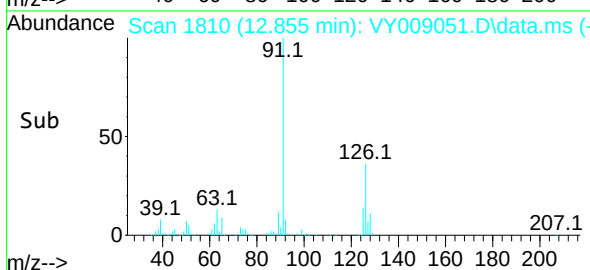
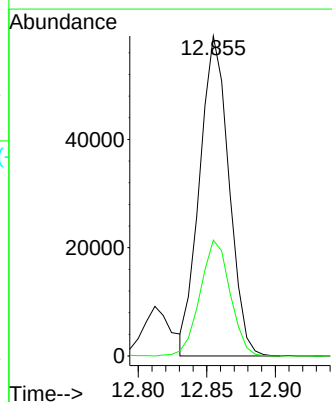
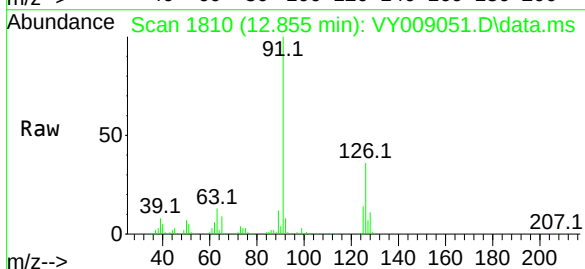
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

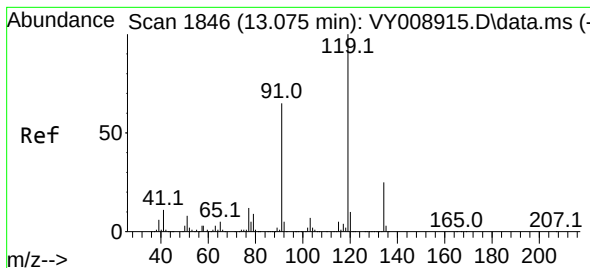
Tgt Ion: 75 Resp: 8511
Ion Ratio Lower Upper
75 100
53 92.0 85.3 127.9
89 49.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.040 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion: 91 Resp: 87912
Ion Ratio Lower Upper
91 100
126 37.0 17.0 51.0

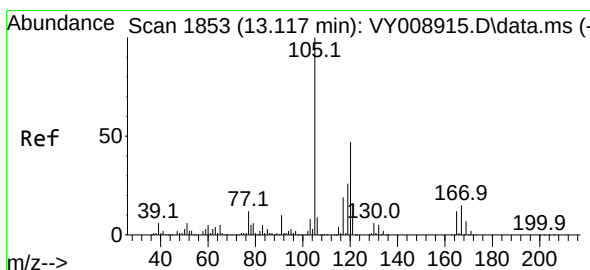
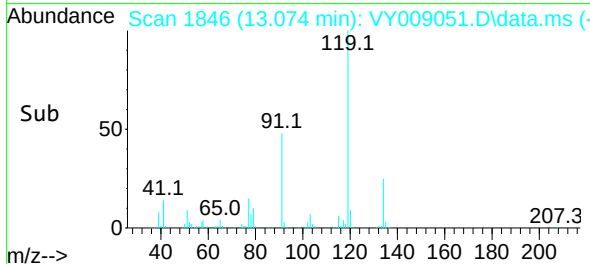
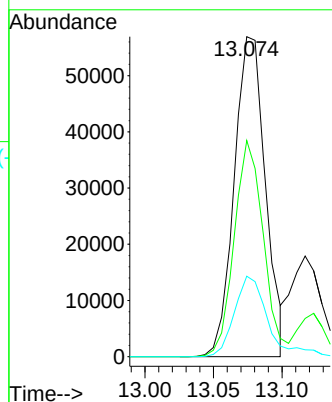
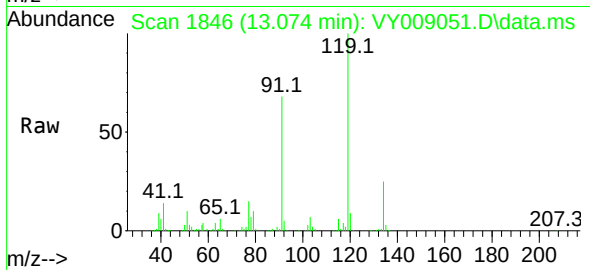




#83
tert-Butylbenzene
Concen: 18.733 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

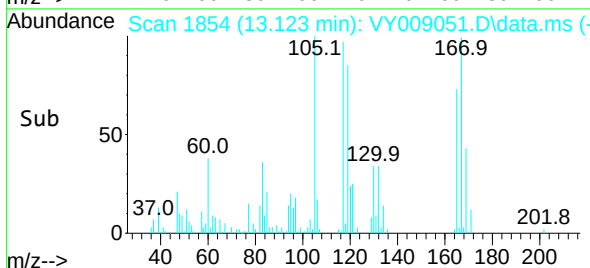
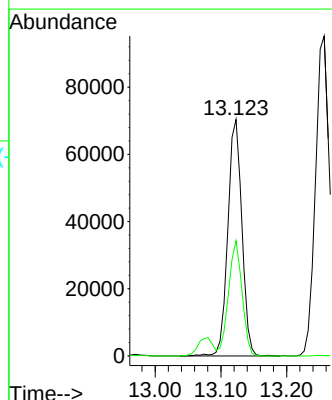
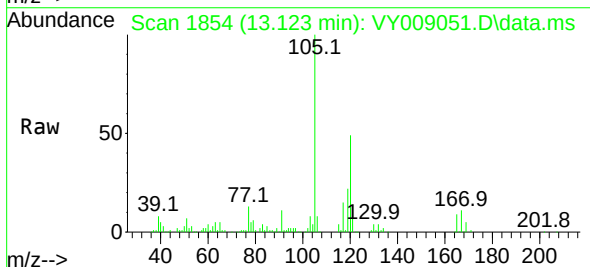
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

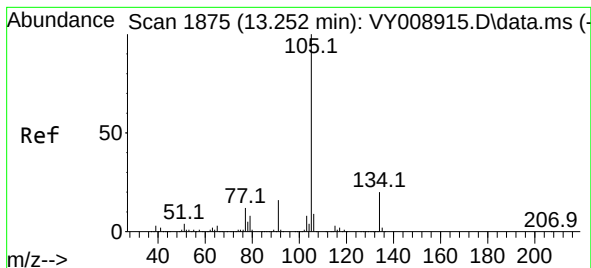
Tgt Ion:119 Resp: 90235
Ion Ratio Lower Upper
119 100
91 63.2 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.414 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009051.D
Acq: 24 May 2022 11:02

Tgt Ion:105 Resp: 104641
Ion Ratio Lower Upper
105 100
120 47.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.384 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.005 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

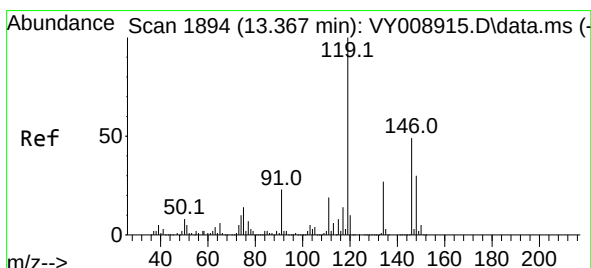
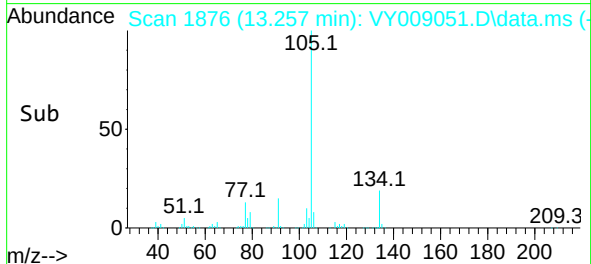
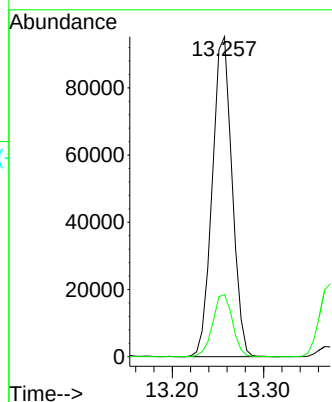
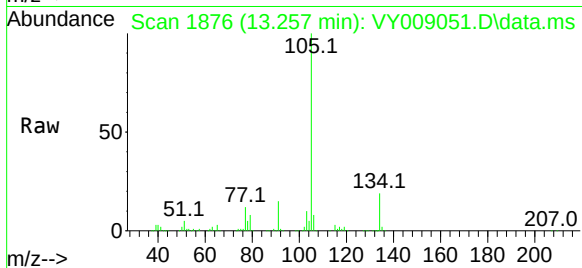
VY0524SBS01

Tgt Ion:105 Resp: 142859

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.160 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

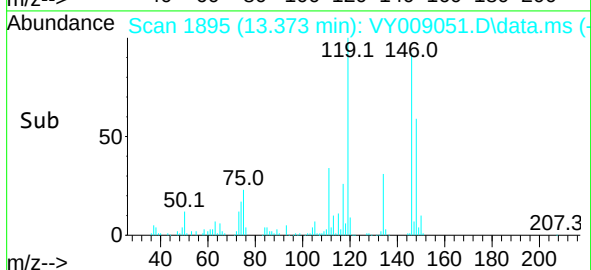
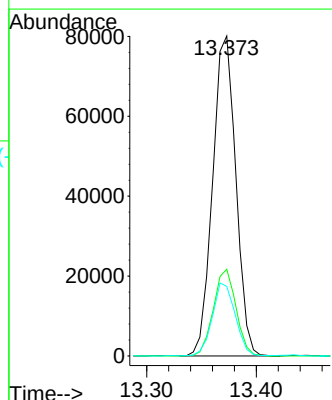
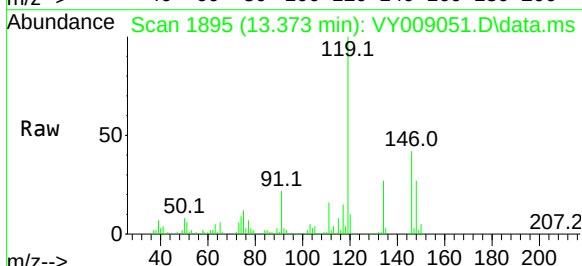
Tgt Ion:119 Resp: 117758

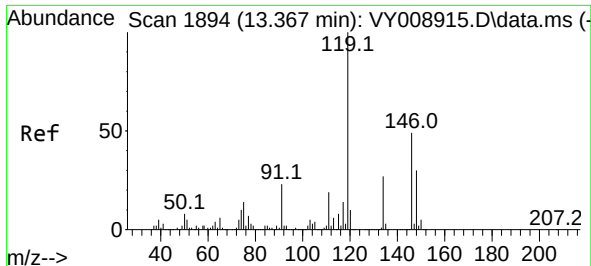
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.6 12.4 37.2

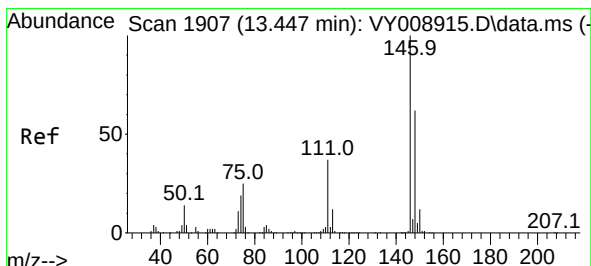
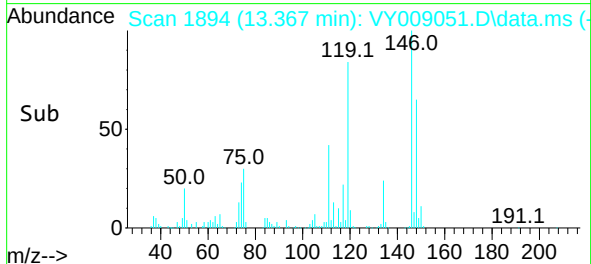
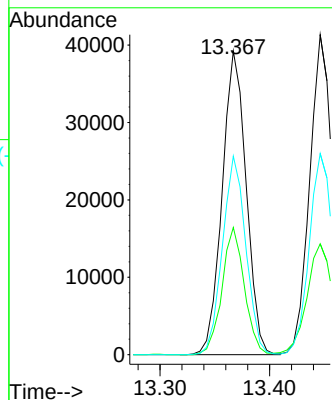
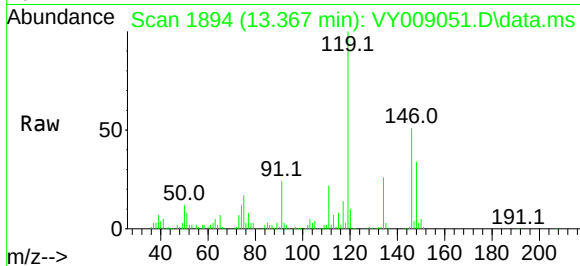




#87
 1,3-Dichlorobenzene
 Concen: 18.648 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

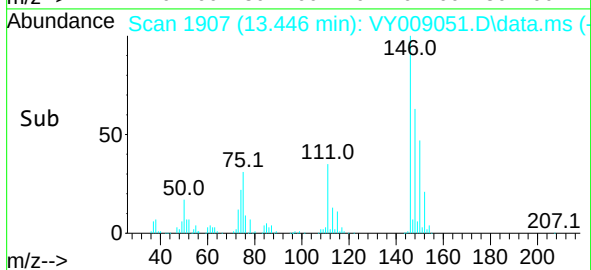
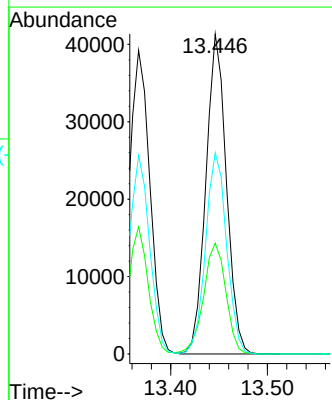
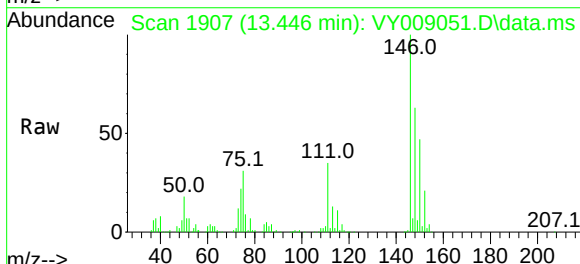
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

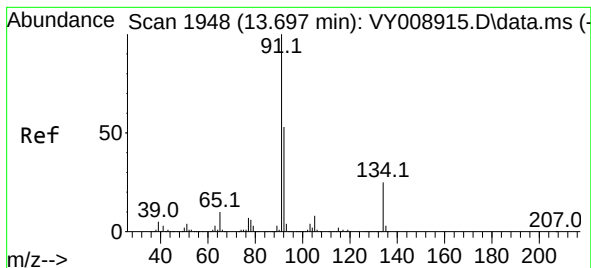
Tgt Ion:146 Resp: 59731
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.922 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY009051.D
 Acq: 24 May 2022 11:02

Tgt Ion:146 Resp: 60892
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.8
 148 64.7 32.6 97.8





#89

n-Butylbenzene

Concen: 20.464 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

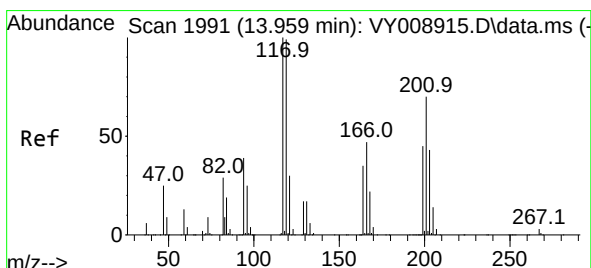
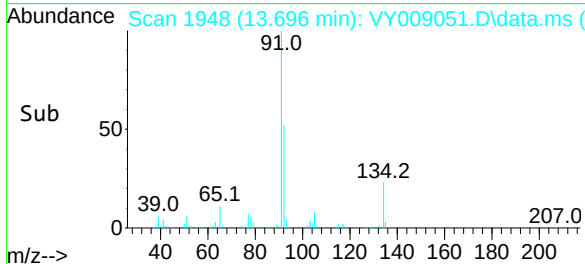
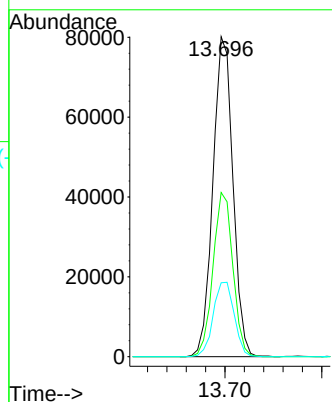
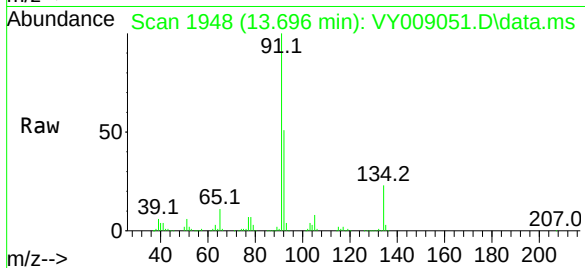
Tgt Ion: 91 Resp: 115058

Ion Ratio Lower Upper

91 100

92 50.8 26.3 78.9

134 24.4 13.0 38.9



#90

Hexachloroethane

Concen: 19.939 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VY009051.D

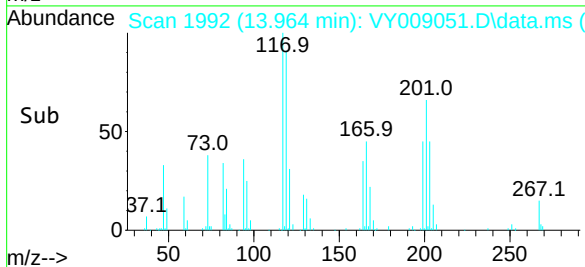
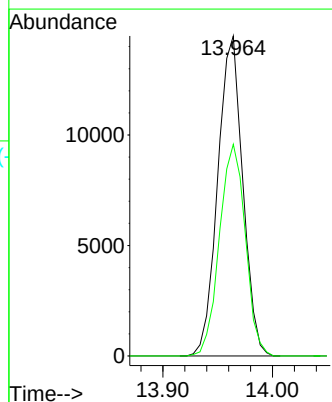
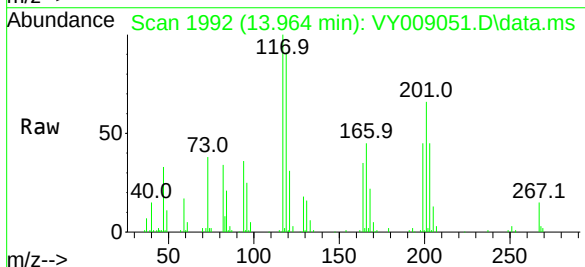
Acq: 24 May 2022 11:02

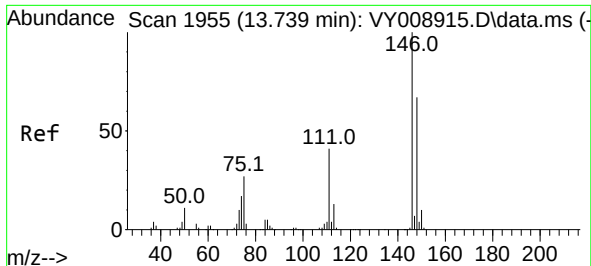
Tgt Ion: 117 Resp: 22964

Ion Ratio Lower Upper

117 100

201 68.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 18.990 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

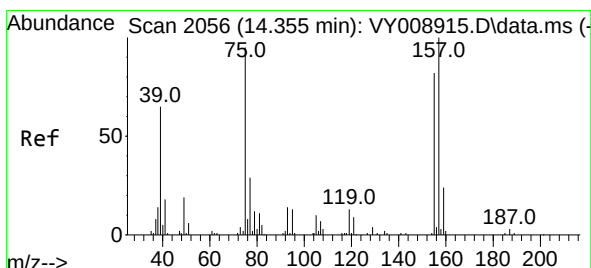
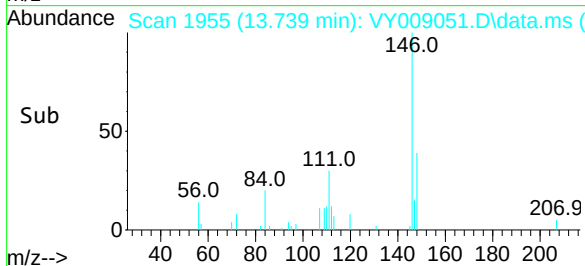
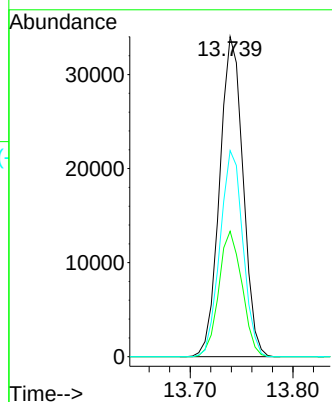
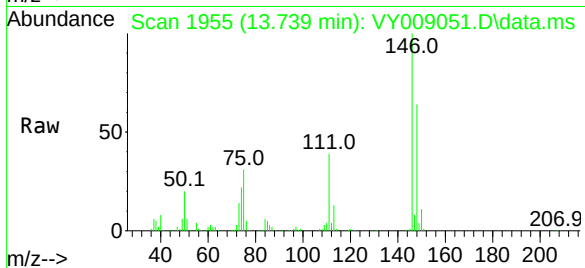
Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

Tgt Ion:	146	Resp:	53695
Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.9
148	63.4	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.563 ug/l

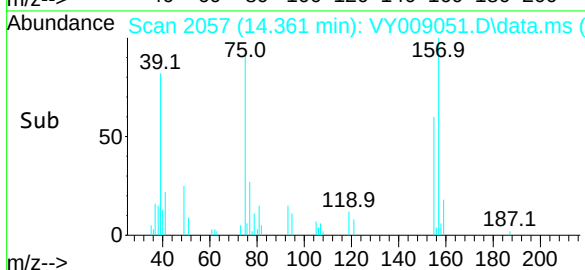
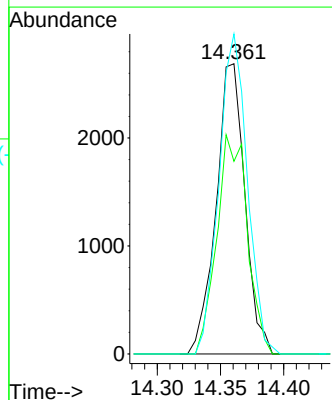
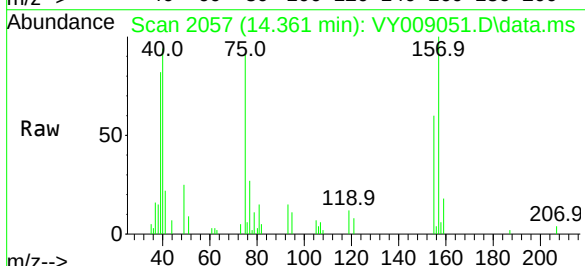
RT: 14.361 min Scan# 2057

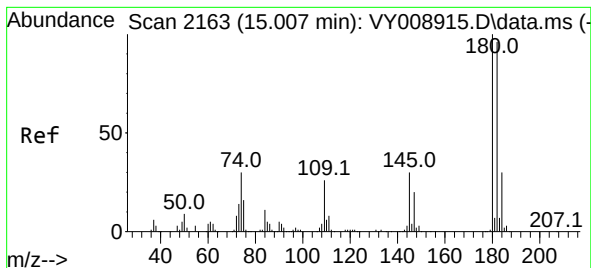
Delta R.T. 0.006 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Tgt Ion:	75	Resp:	4260
Ion	Ratio	Lower	Upper
75	100		
155	79.8	38.0	113.9
157	108.9	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.178 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

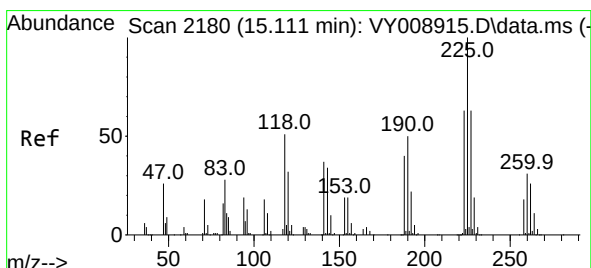
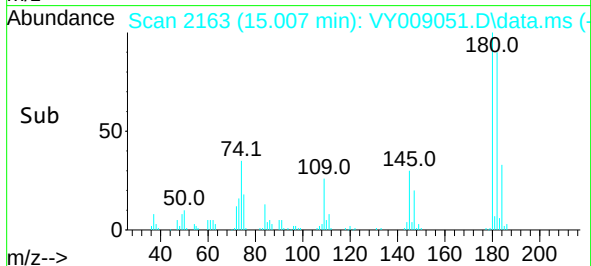
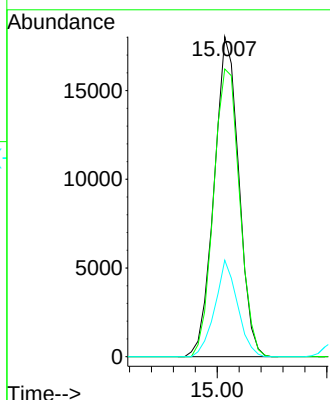
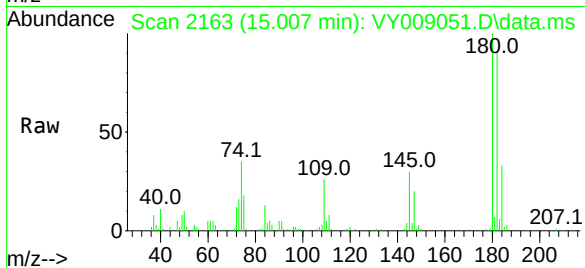
Tgt Ion:180 Resp: 28209

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 27.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.518 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

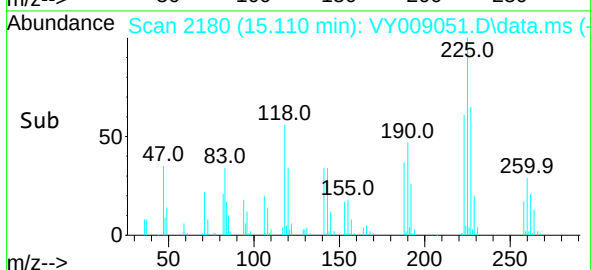
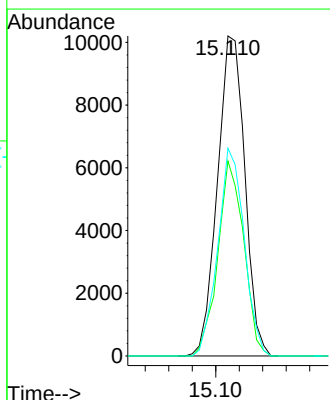
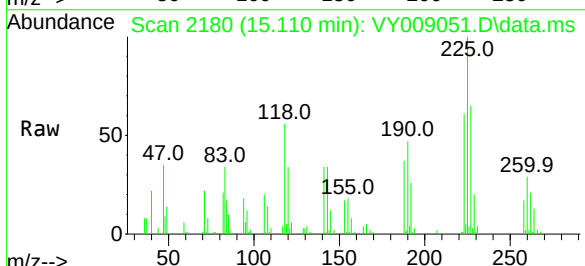
Tgt Ion:225 Resp: 16508

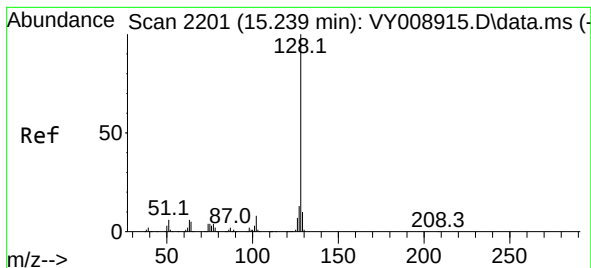
Ion Ratio Lower Upper

225 100

223 57.7 30.8 92.3

227 62.5 31.6 94.7





#95

Naphthalene

Concen: 18.091 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBS01

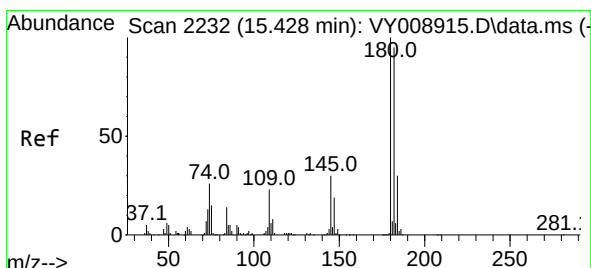
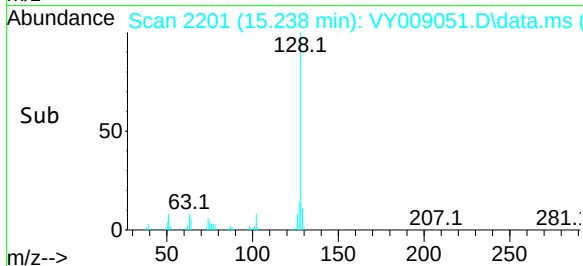
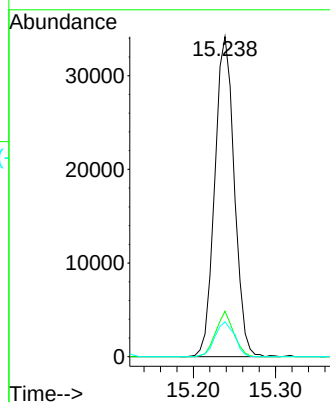
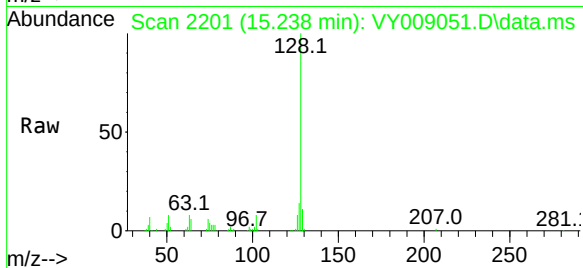
Tgt Ion:128 Resp: 56396

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.641 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.001 min

Lab File: VY009051.D

Acq: 24 May 2022 11:02

Tgt Ion:180 Resp: 23788

Ion Ratio Lower Upper

180 100

182 97.3 47.3 141.9

145 29.0 15.3 45.9

