

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009061.D
 Acq On : 24 May 2022 14:55
 Operator : KP/MD
 Sample : N2948-25MS
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

Quant Time: May 25 02:53:22 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	44760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35692	77.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.960%	
35) Dibromofluoromethane	7.722	113	33862	68.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.080%	
50) Toluene-d8	10.179	98	102057	55.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	12.483	95	55046	74.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 148.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	35853	87.578	ug/l	99
3) Chloromethane	2.113	50	61686	105.177	ug/l	96
4) Vinyl Chloride	2.247	62	83328	95.899	ug/l	97
5) Bromomethane	2.650	94	71511	83.958	ug/l	99
6) Chloroethane	2.790	64	59210	96.187	ug/l	99
7) Trichlorofluoromethane	3.125	101	65852	89.242	ug/l	92
8) Diethyl Ether	3.527	74	26005	112.706	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	40116	88.456	ug/l	93
10) Methyl Iodide	4.088	142	49475	105.648	ug/l	92
11) Tert butyl alcohol	4.954	59	24600	526.471	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	38969	92.563	ug/l	83
13) Acrolein	3.729	56	3600	234.066	ug/l	91
14) Allyl chloride	4.479	41	59054	93.077	ug/l #	80
15) Acrylonitrile	5.155	53	77615	600.788	ug/l	98
16) Acetone	3.942	43	72245	753.414	ug/l	91
17) Carbon Disulfide	4.186	76	124702	90.665	ug/l	99
18) Methyl Acetate	4.472	43	52095	174.464	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	144148	114.074	ug/l	96
20) Methylene Chloride	4.716	84	59183	122.113	ug/l #	87
21) trans-1,2-Dichloroethene	5.216	96	49611	91.810	ug/l	92
22) Diisopropyl ether	6.118	45	160977	105.609	ug/l	95
23) Vinyl Acetate	6.057	43	420031	416.583	ug/l	95
24) 1,1-Dichloroethane	6.015	63	90588	99.363	ug/l	98
25) 2-Butanone	6.984	43	106946	624.428	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	82193	97.870	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	61072	100.258	ug/l	89
28) Bromochloromethane	7.332	49	35533	113.551	ug/l	94
29) Tetrahydrofuran	7.344	42	69249	595.228	ug/l #	87
30) Chloroform	7.502	83	99529	101.134	ug/l	99
31) Cyclohexane	7.783	56	72625	80.587	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	82214	92.081	ug/l	97
36) 1,1-Dichloropropene	7.917	75	71873	84.862	ug/l	98
37) Ethyl Acetate	7.076	43	41286	93.974	ug/l	97
38) Carbon Tetrachloride	7.899	117	74754	84.374	ug/l	97
39) Methylcyclohexane	9.179	83	80774	73.887	ug/l	91
40) Benzene	8.161	78	221939	90.875	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	65642	289.544	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	74960	104.525	ug/l	93
43) Isopropyl Acetate	8.271	43	87573	107.202	ug/l #	94
44) Trichloroethene	8.935	130	55441	85.734	ug/l	95
45) 1,2-Dichloropropane	9.215	63	58536	99.819	ug/l	94
46) Dibromomethane	9.301	93	38334	102.805	ug/l	93
47) Bromodichloromethane	9.496	83	85003	99.747	ug/l	99
48) Methyl methacrylate	9.295	41	41793	114.574	ug/l #	82
49) 1,4-Dioxane	9.295	88	10855	2177.719	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	253624	560.993	ug/l	93
52) Toluene	10.240	92	151243	88.615	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	95532	105.565	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	99017	101.780	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	53354	102.274	ug/l	98
56) Ethyl methacrylate	10.508	69	67728	101.547	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	89681	105.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	127265	441.053	ug/l	96
59) 2-Hexanone	10.831	43	182333	589.046	ug/l	90
60) Dibromochloromethane	10.983	129	63504	100.420	ug/l	98
61) 1,2-Dibromoethane	11.087	107	52855	102.244	ug/l	100
64) Tetrachloroethene	10.721	164	53746	88.156	ug/l	98
65) Chlorobenzene	11.514	112	163746	85.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	64336	91.392	ug/l	98
67) Ethyl Benzene	11.593	91	293044	84.582	ug/l	97
68) m/p-Xylenes	11.703	106	244663	173.956	ug/l	90
69) o-Xylene	12.026	106	116308	89.051	ug/l	90
70) Styrene	12.044	104	215055	95.747	ug/l	93
71) Bromoform	12.209	173	46587	99.832	ug/l #	98
73) Isopropylbenzene	12.331	105	296018	77.075	ug/l	100
74) N-amyl acetate	12.142	43	76177	85.967	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	73392	92.765	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	93526	169.561	ug/l #	100
77) Bromobenzene	12.605	156	73614	82.685	ug/l	100
78) n-propylbenzene	12.672	91	369250	83.215	ug/l	100
79) 2-Chlorotoluene	12.758	91	207672	81.137	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	259686	80.669	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26969	100.356	ug/l	85
82) 4-Chlorotoluene	12.855	91	229021	83.658	ug/l	97
83) tert-Butylbenzene	13.075	119	221215	77.457	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	268253	83.943	ug/l	97
85) sec-Butylbenzene	13.251	105	341775	78.216	ug/l	99
86) p-Isopropyltoluene	13.367	119	293557	80.561	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	158615	83.519	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	158341	82.988	ug/l	99
89) n-Butylbenzene	13.696	91	262146	78.637	ug/l	99
90) Hexachloroethane	13.959	117	53984	79.056	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	146250	87.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11428	93.040	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	71069	77.244	ug/l	98
94) Hexachlorobutadiene	15.111	225	35296	70.387	ug/l	99
95) Naphthalene	15.233	128	165084	89.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	64415	80.568	ug/l	100

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

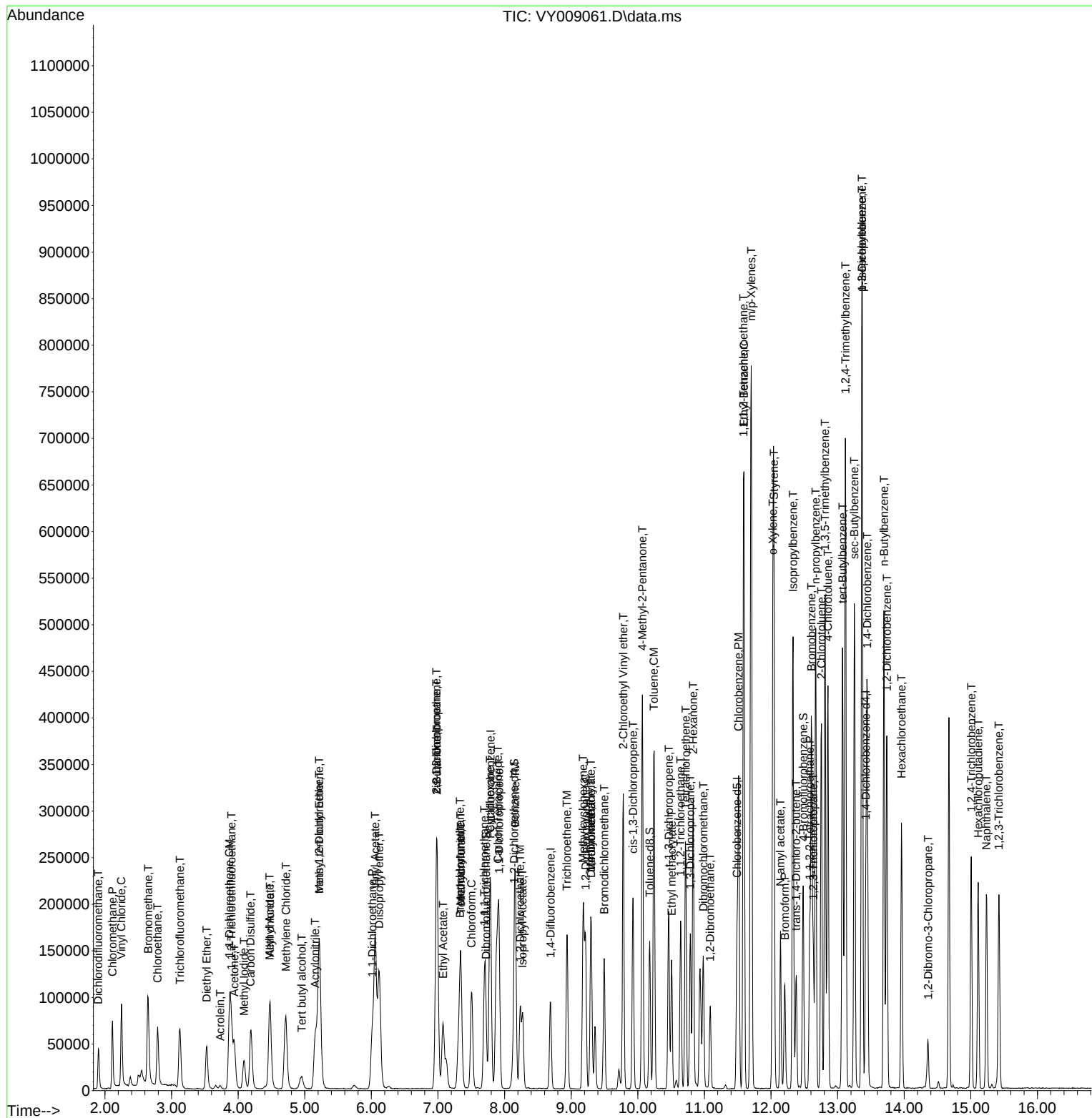
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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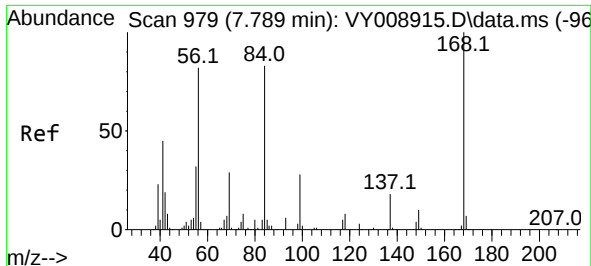
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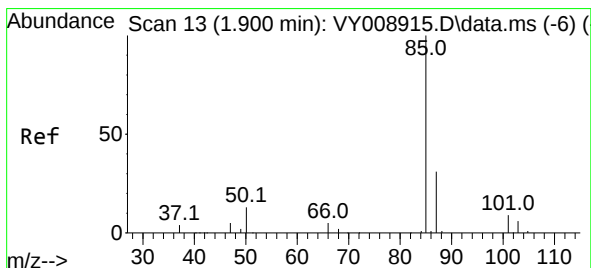
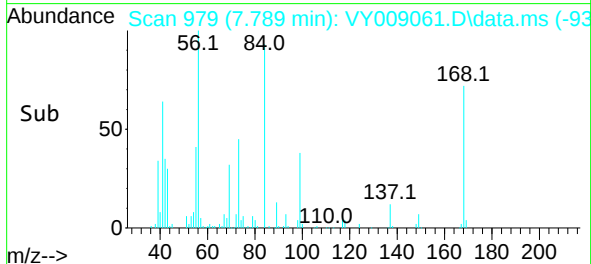
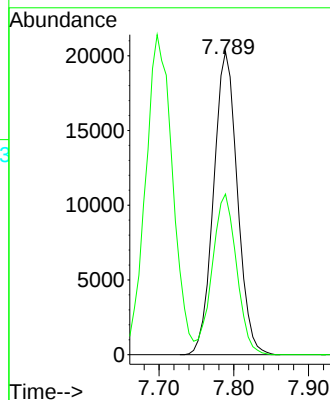
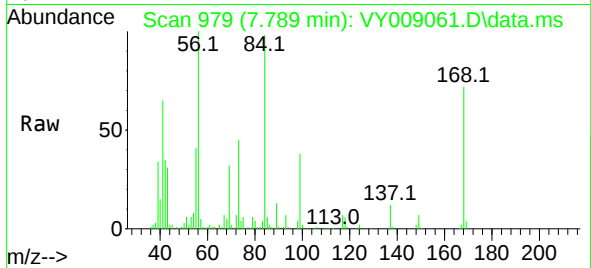




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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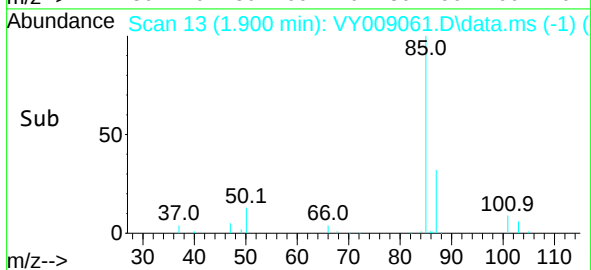
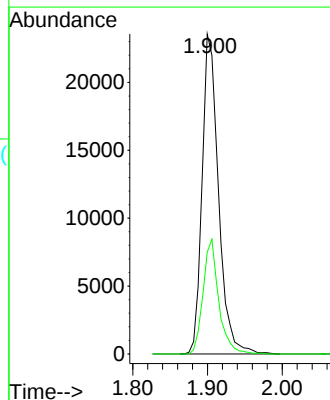
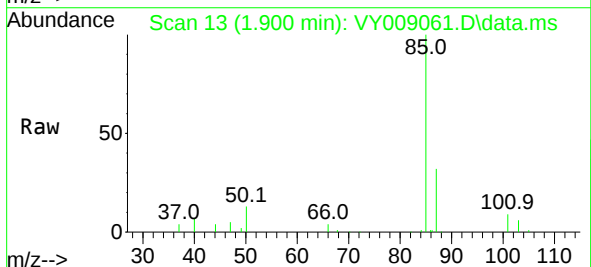
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 44760
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 87.578 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 85 Resp: 35853
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

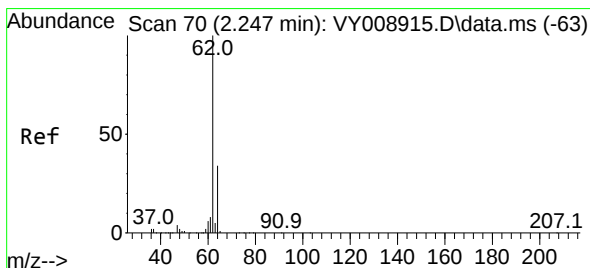
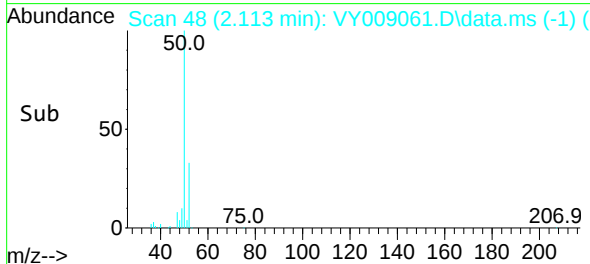
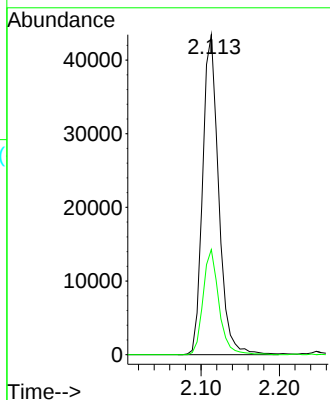
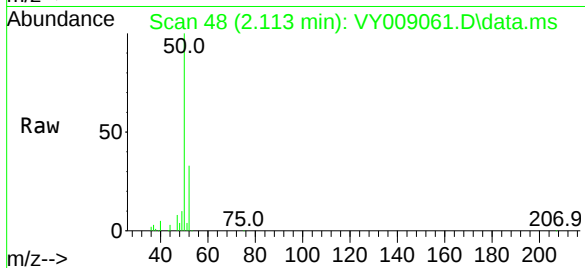




#3
Chloromethane
Concen: 105.177 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009061.D
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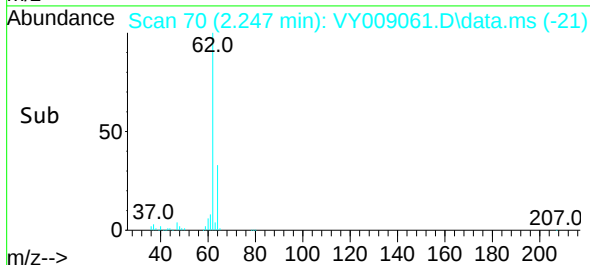
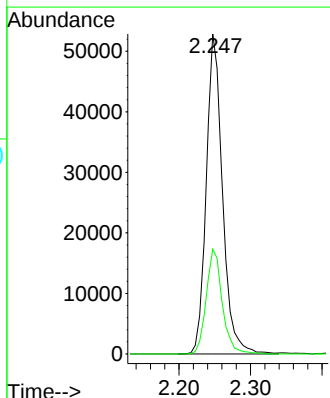
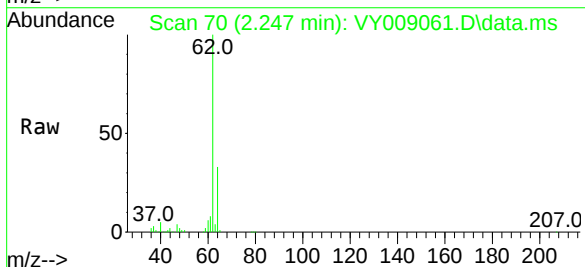
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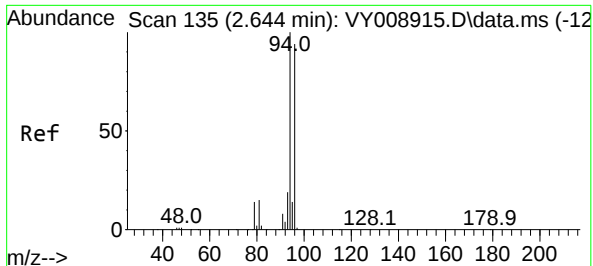
Tgt Ion: 50 Resp: 61686
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 95.899 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 62 Resp: 83328
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

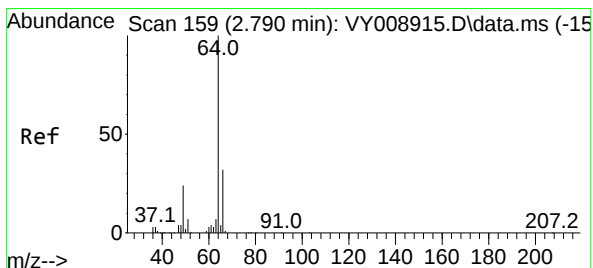
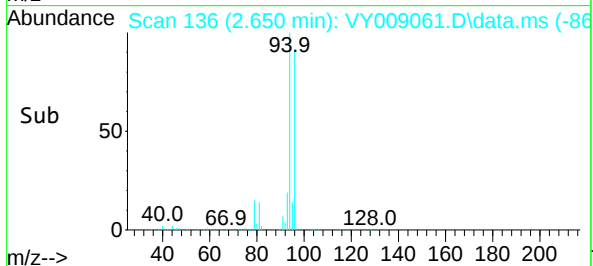
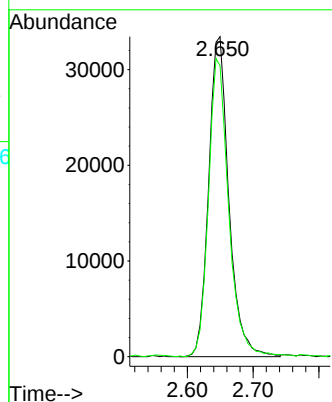
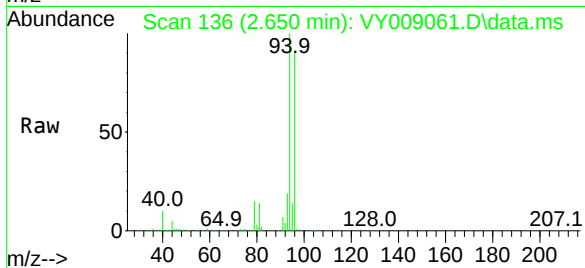




#5
Bromomethane
Concen: 83.958 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
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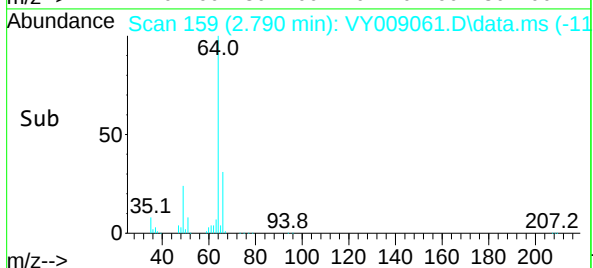
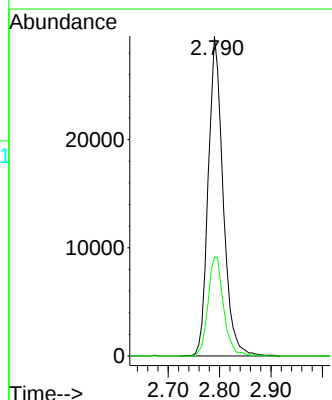
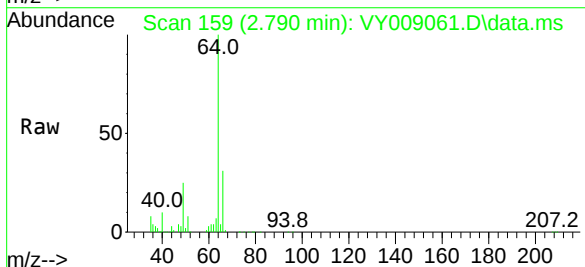
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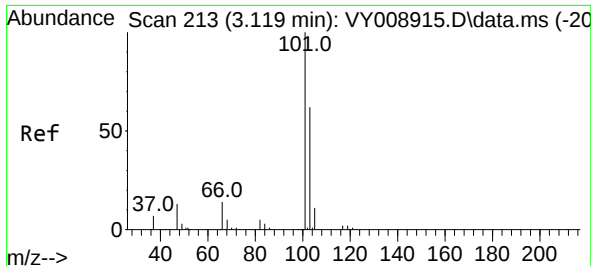
Tgt Ion: 94 Resp: 71511
Ion Ratio Lower Upper
94 100
96 90.7 73.5 110.3



#6
Chloroethane
Concen: 96.187 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 59210
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0

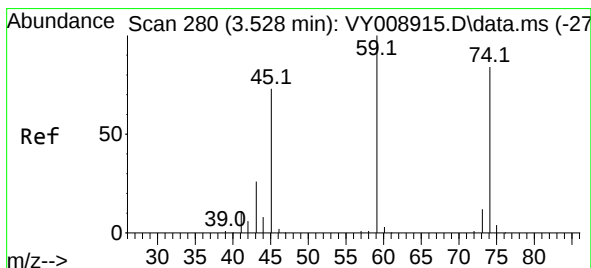
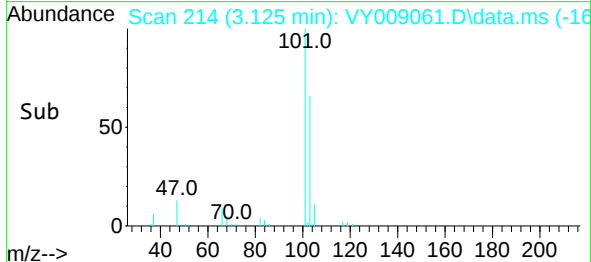
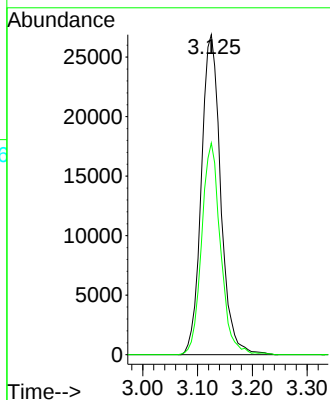
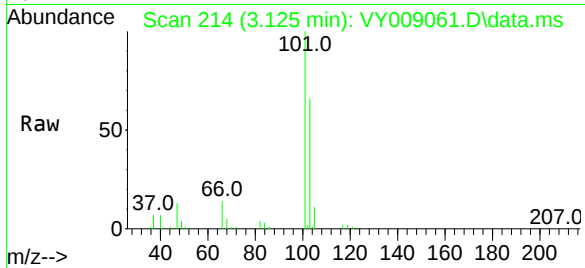




#7
Trichlorofluoromethane
Concen: 89.242 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009061.D
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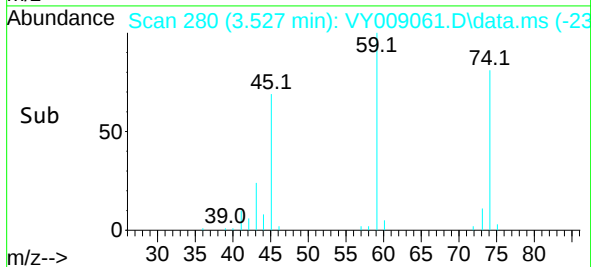
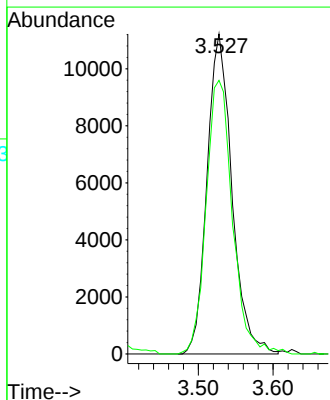
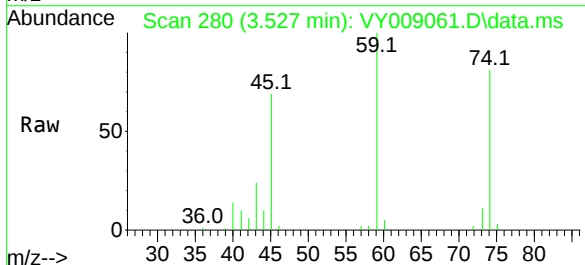
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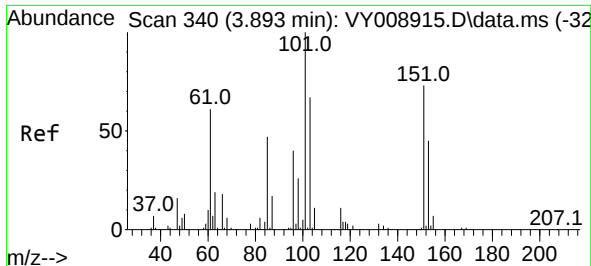
Tgt Ion:101 Resp: 65852
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0



#8
Diethyl Ether
Concen: 112.706 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 26005
Ion Ratio Lower Upper
74 100
45 90.4 55.1 165.5

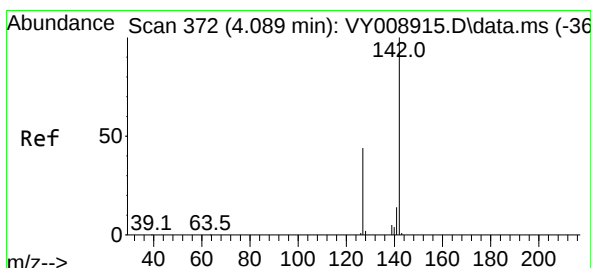
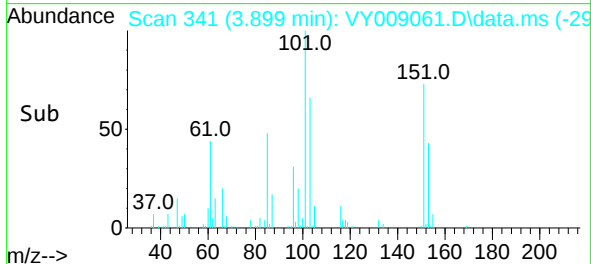
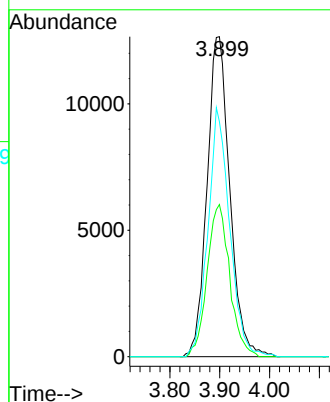
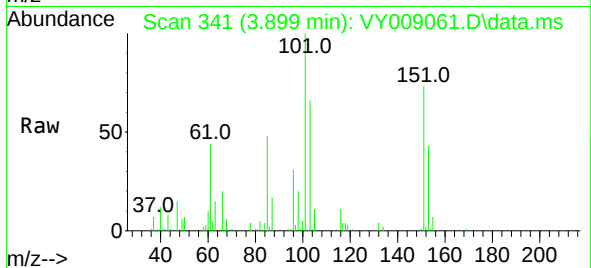




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.456 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

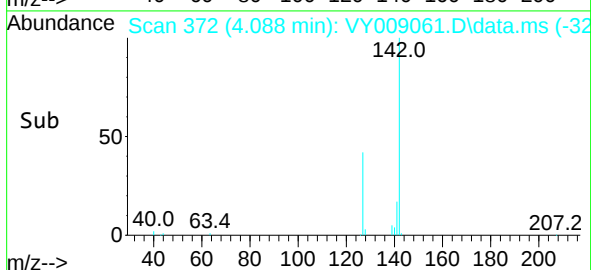
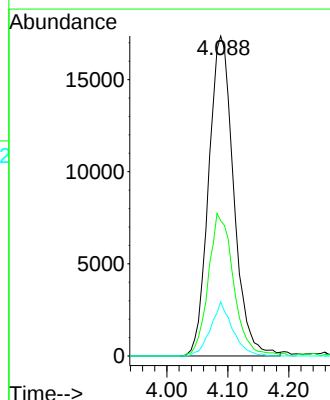
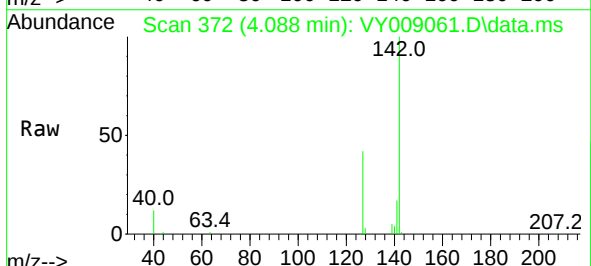
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

Tgt Ion:	101	Resp:	40116
Ion	Ratio	Lower	Upper
101	100		
85	47.2	40.6	60.8
151	74.1	64.9	97.3



#10
Methyl Iodide
Concen: 105.648 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion:	142	Resp:	49475
Ion	Ratio	Lower	Upper
142	100		
127	45.1	41.5	62.3
141	14.8	11.9	17.9





#11

Tert butyl alcohol

Concen: 526.471 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

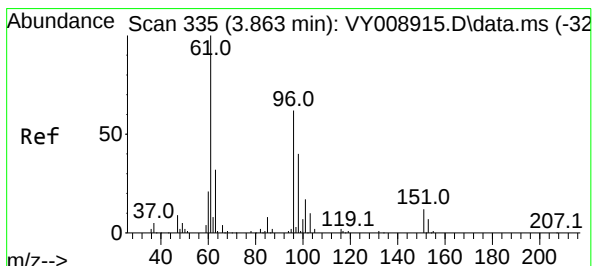
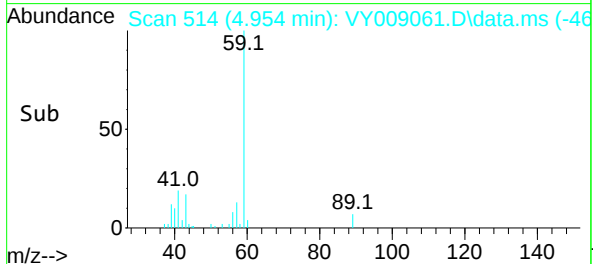
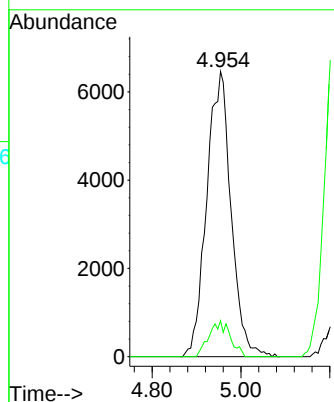
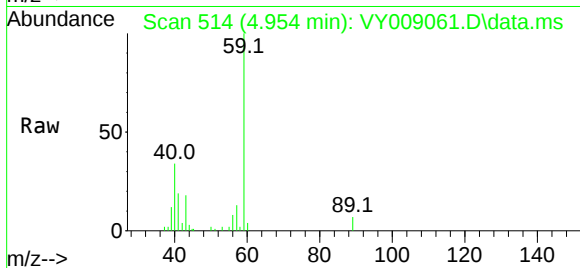
P037-SS001-1218-01MS

Tgt Ion: 59 Resp: 24600

Ion Ratio Lower Upper

59 100

57 5.2 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 92.563 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

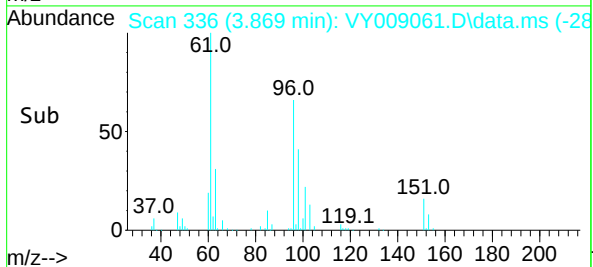
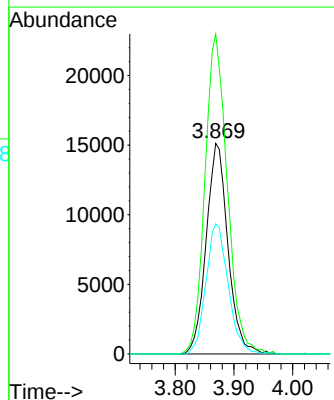
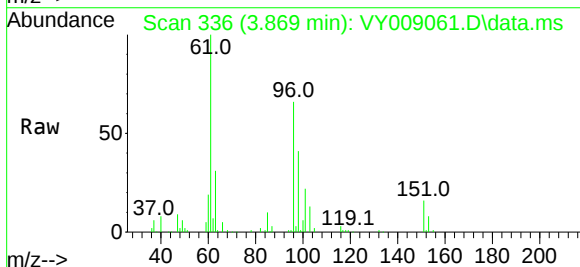
Tgt Ion: 96 Resp: 38969

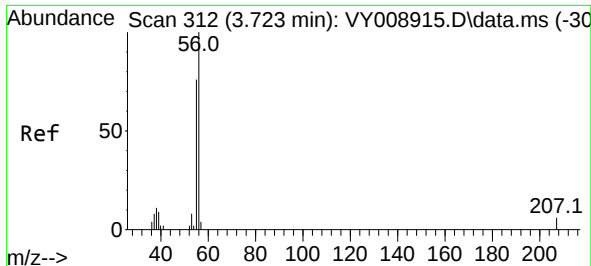
Ion Ratio Lower Upper

96 100

61 151.9 145.8 218.6

98 61.8 52.5 78.7

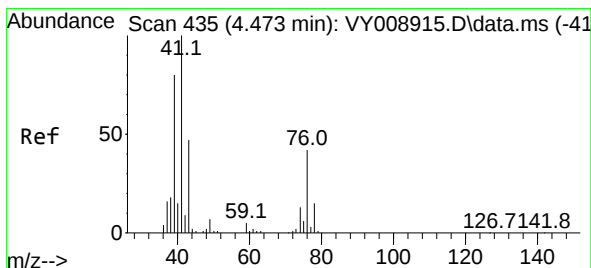
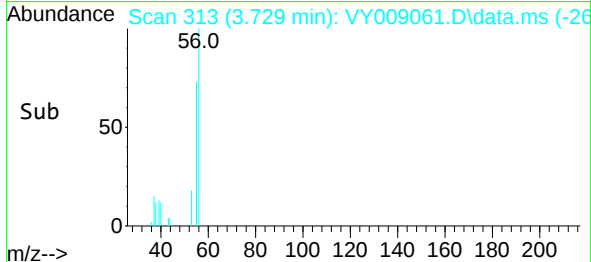
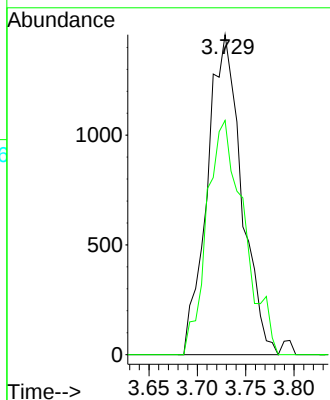
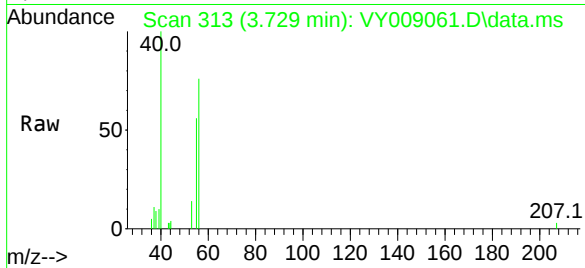




#13
Acrolein
Concen: 234.066 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

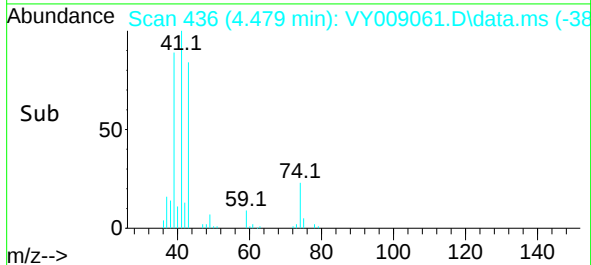
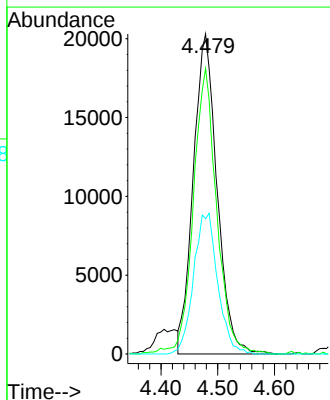
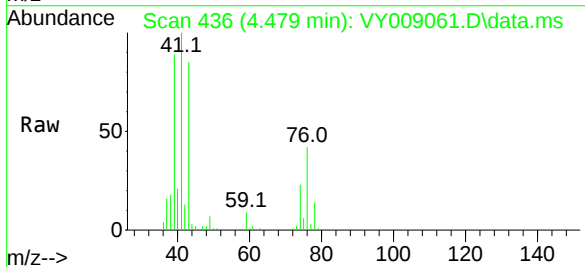
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

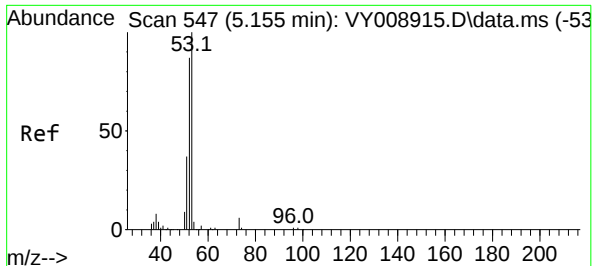
Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
55 79.7 57.6 86.4



#14
Allyl chloride
Concen: 93.077 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 41 Resp: 59054
Ion Ratio Lower Upper
41 100
39 88.4 58.8 88.2#
76 44.7 25.1 37.7#

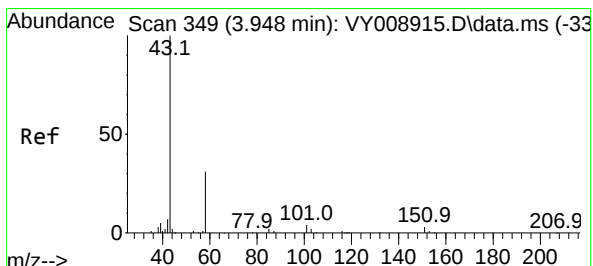
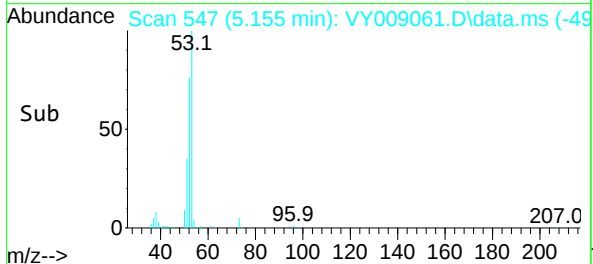
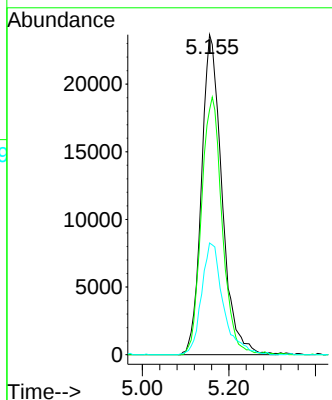
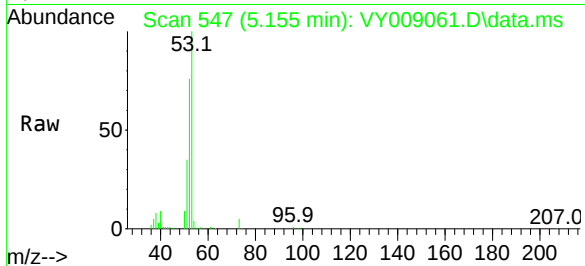




#15
Acrylonitrile
Concen: 600.788 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

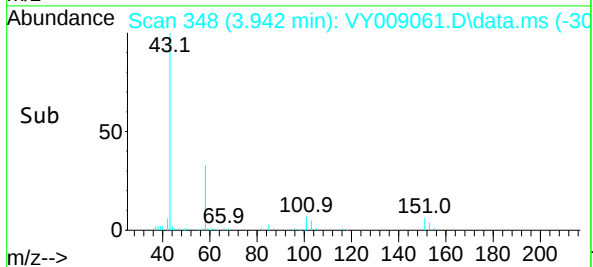
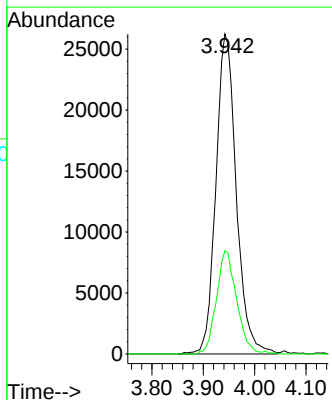
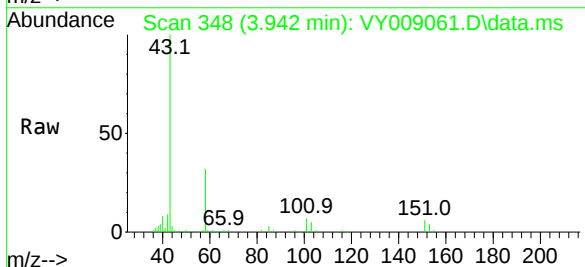
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

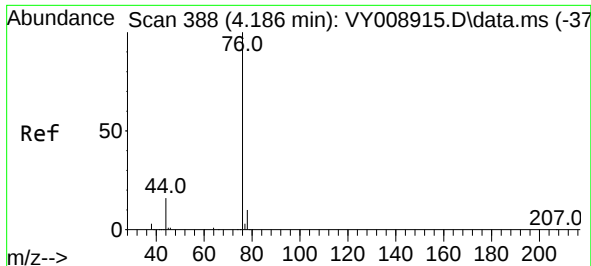
Tgt Ion: 53	Resp: 77615
Ion Ratio	Lower Upper
53 100	
52 81.3	67.0 100.4
51 37.1	29.8 44.6



#16
Acetone
Concen: 753.414 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 43	Resp: 72245		
Ion Ratio	Lower	Upper	
43 100			
58 32.3	22.0	33.0	

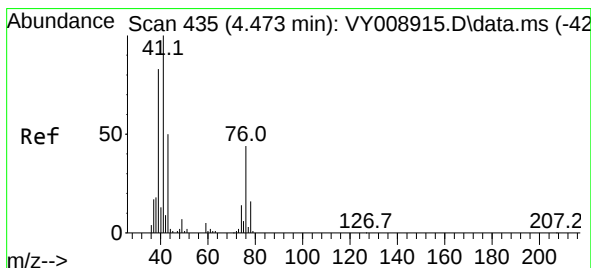
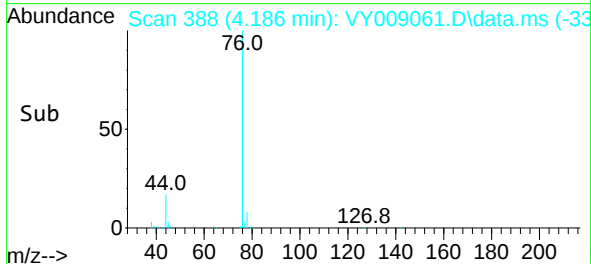
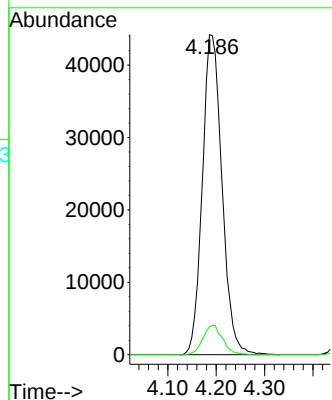
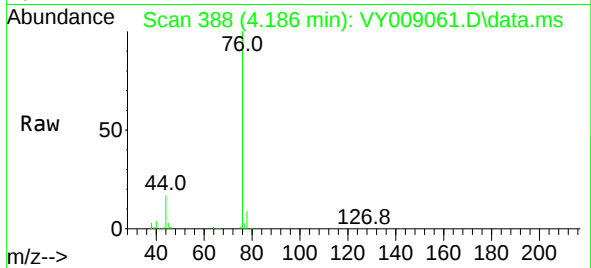




#17
Carbon Disulfide
Concen: 90.665 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

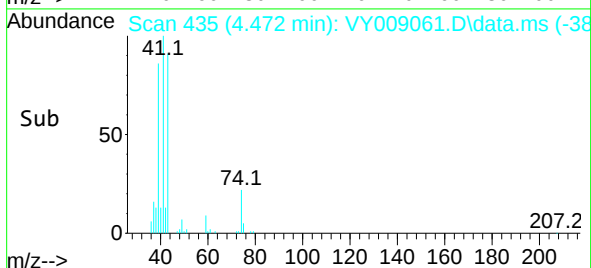
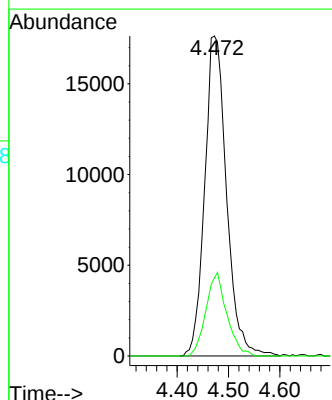
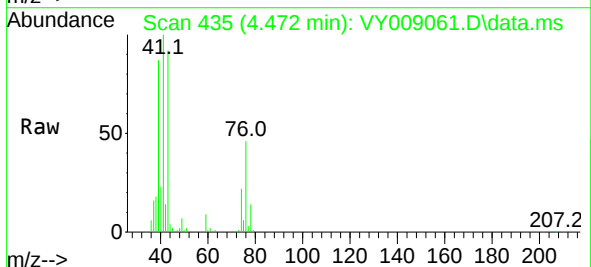
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

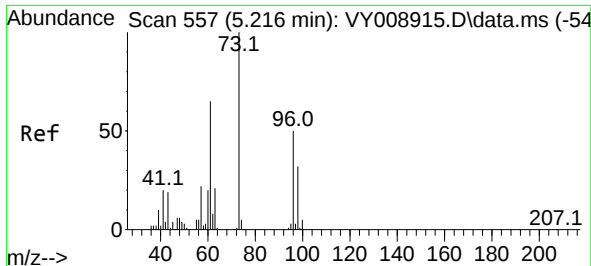
Tgt Ion: 76 Resp: 124702
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 174.464 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 43 Resp: 52095
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 114.074 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

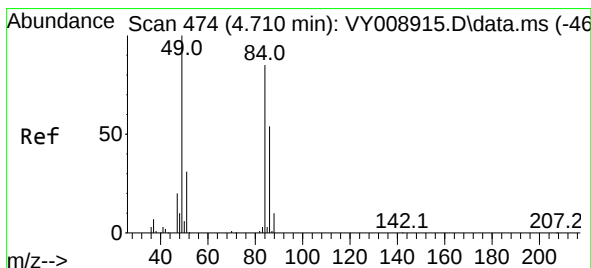
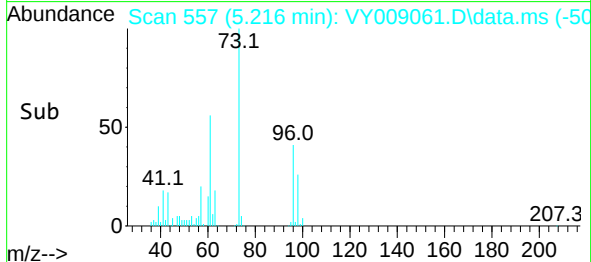
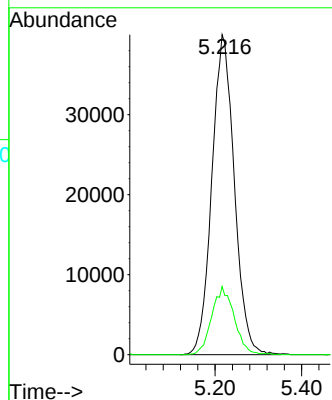
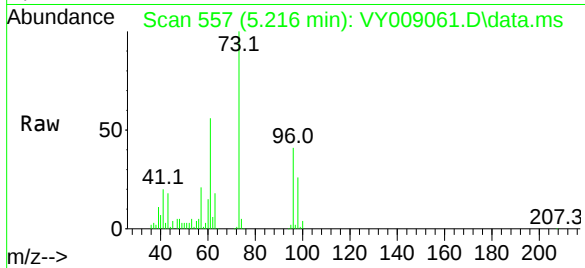
P037-SS001-1218-01MS

Tgt Ion: 73 Resp: 144148

Ion Ratio Lower Upper

73 100

57 21.3 18.6 27.8



#20

Methylene Chloride

Concen: 122.113 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion: 84 Resp: 59183

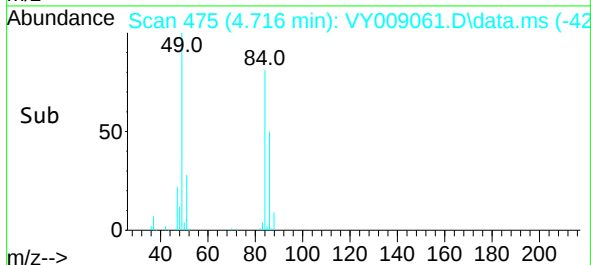
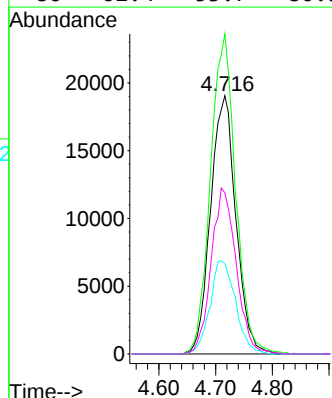
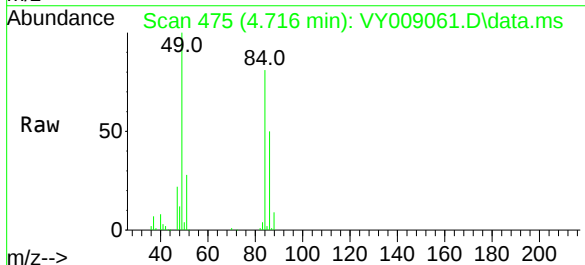
Ion Ratio Lower Upper

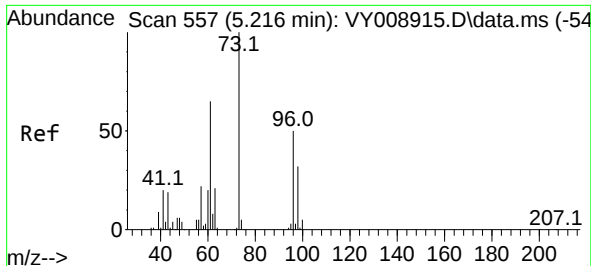
84 100

49 123.9 114.4 171.6

51 35.0 35.3 52.9#

86 62.4 53.7 80.5

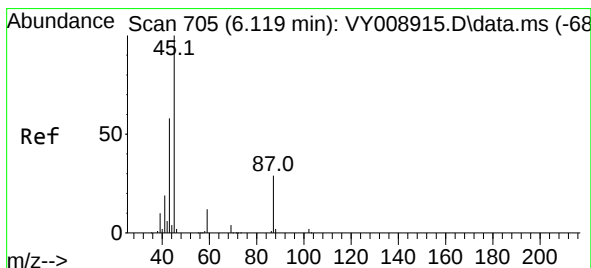
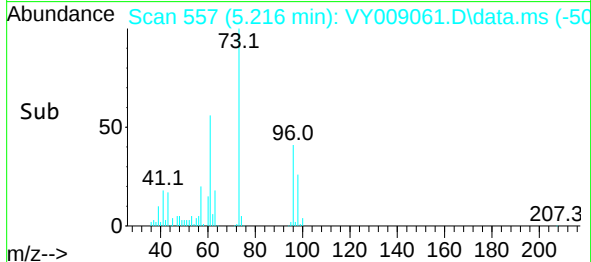
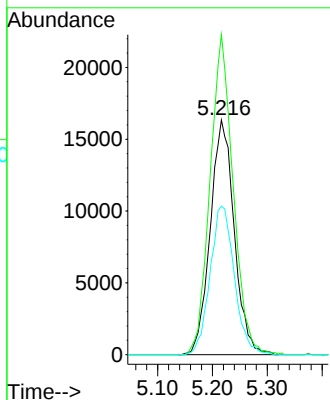
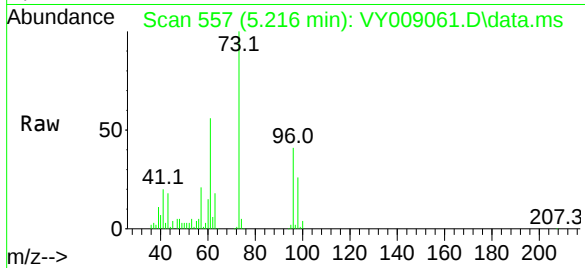




#21
trans-1,2-Dichloroethene
Concen: 91.810 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

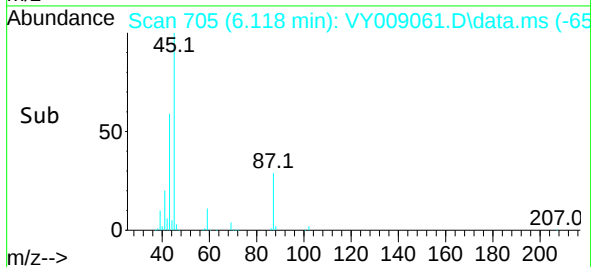
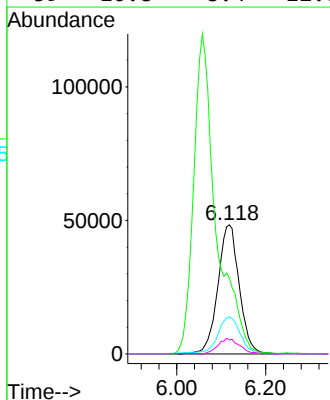
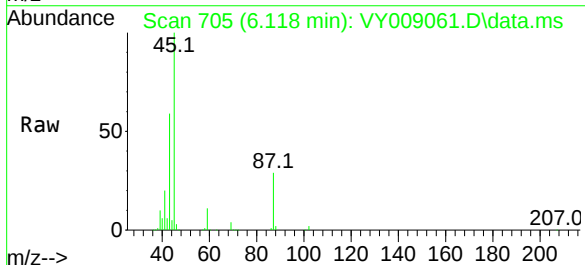
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

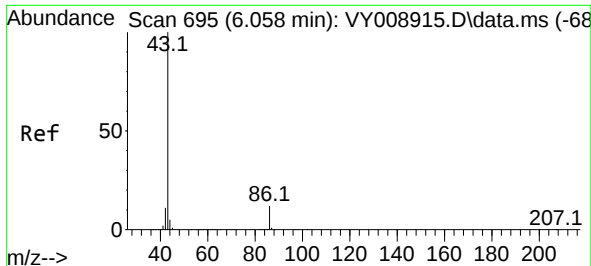
Tgt Ion: 96 Resp: 49611
Ion Ratio Lower Upper
96 100
61 136.3 120.5 180.7
98 63.3 49.8 74.8



#22
Diisopropyl ether
Concen: 105.609 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 45 Resp: 160977
Ion Ratio Lower Upper
45 100
43 58.3 49.3 73.9
87 28.6 19.2 28.8
59 10.8 8.4 12.6

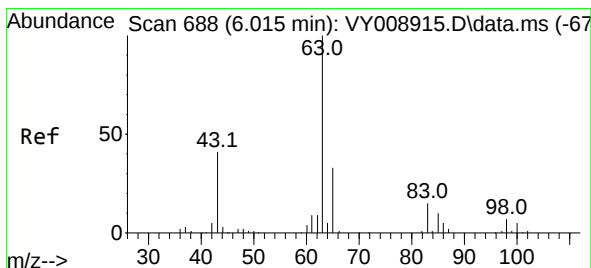
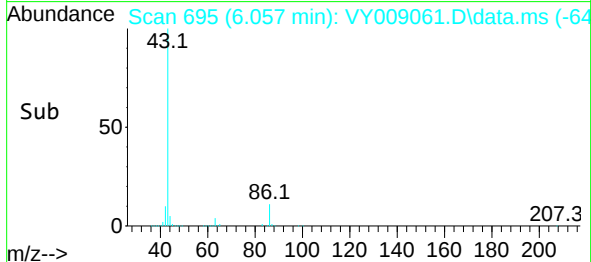
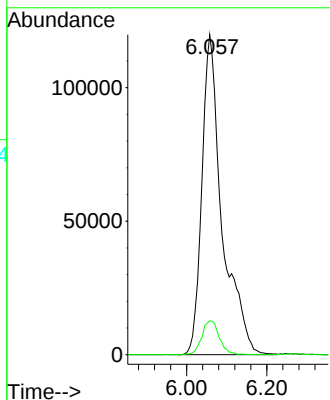
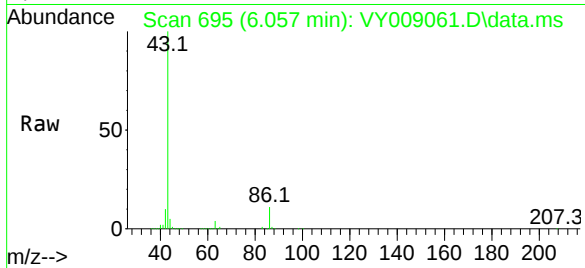




#23
 Vinyl Acetate
 Concen: 416.583 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

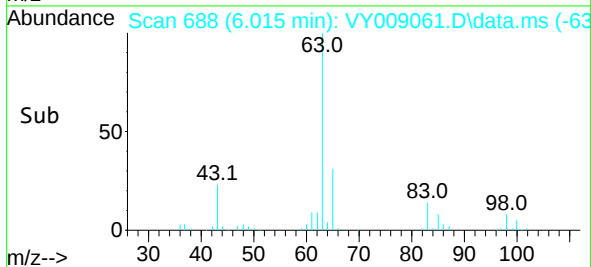
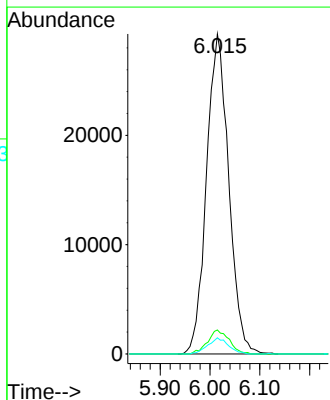
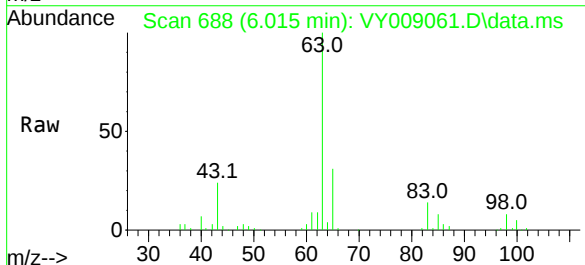
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

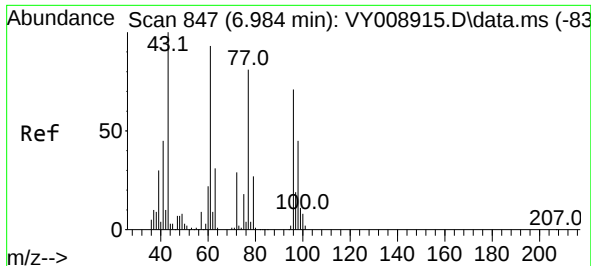
Tgt Ion: 43 Resp: 420031
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 99.363 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

Tgt Ion: 63 Resp: 90588
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.0 2.0 5.8





#25

2-Butanone

Concen: 624.428 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

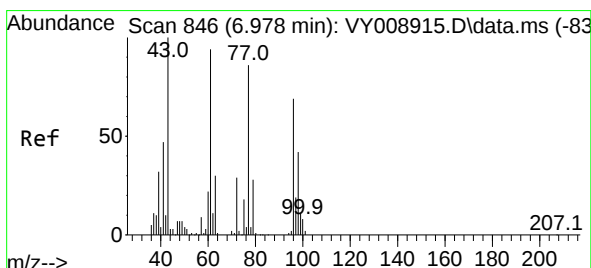
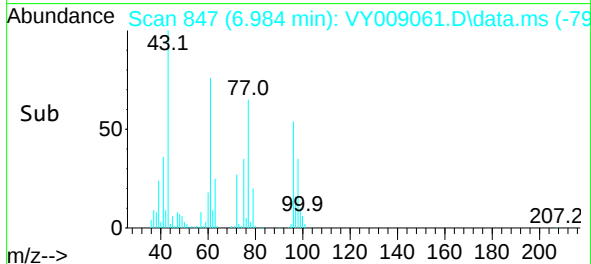
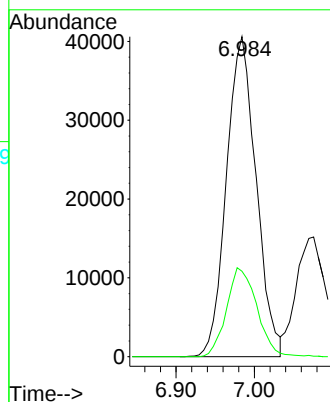
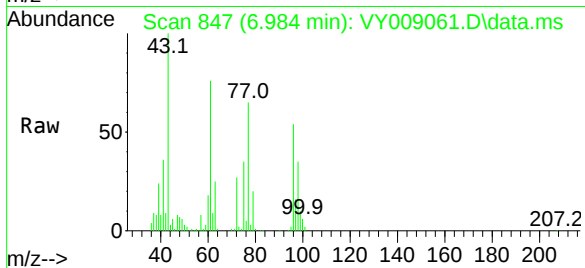
P037-SS001-1218-01MS

Tgt Ion: 43 Resp: 106946

Ion Ratio Lower Upper

43 100

72 26.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 97.870 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009061.D

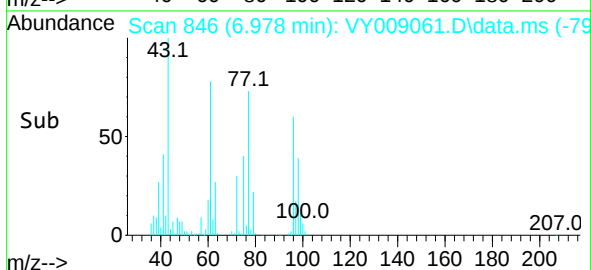
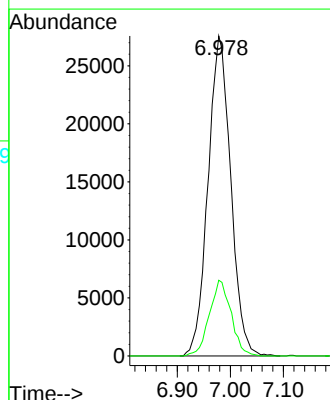
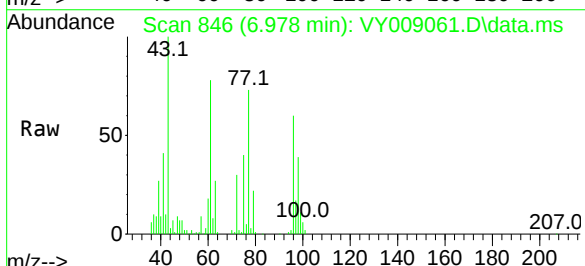
Acq: 24 May 2022 14:55

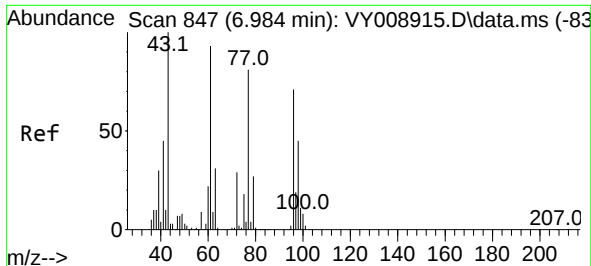
Tgt Ion: 77 Resp: 82193

Ion Ratio Lower Upper

77 100

97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 100.258 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

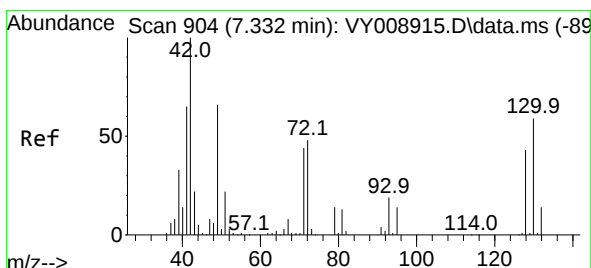
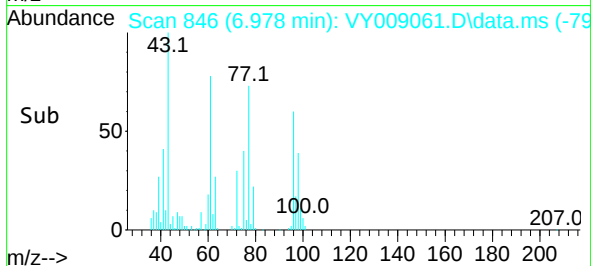
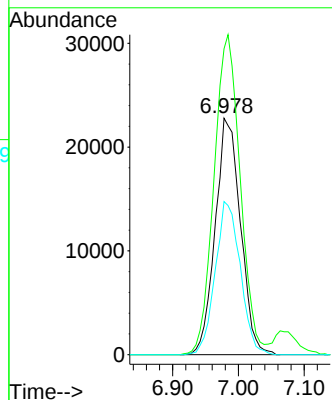
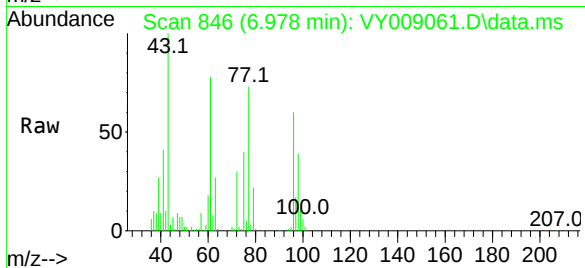
Tgt Ion: 96 Resp: 61072

Ion Ratio Lower Upper

96 100

61 139.8 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 113.551 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

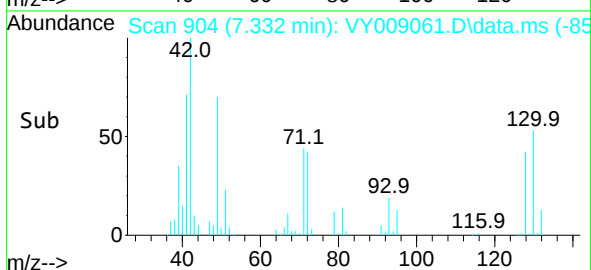
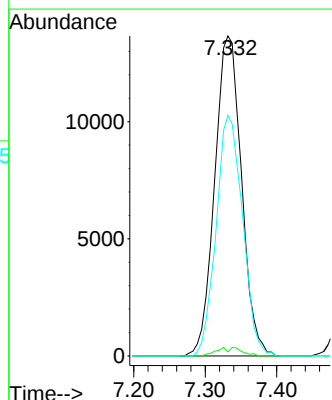
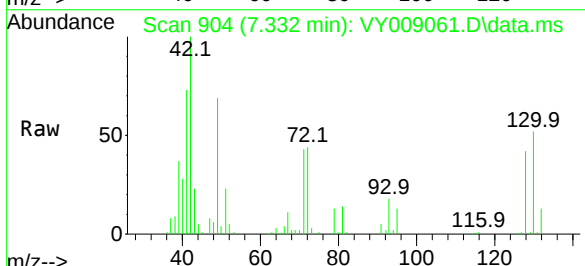
Tgt Ion: 49 Resp: 35533

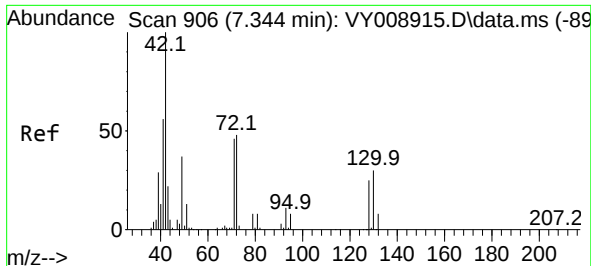
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 74.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 595.228 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009061.D

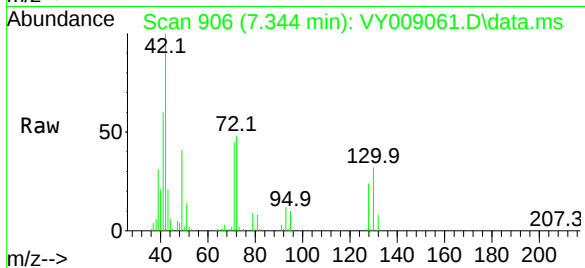
Acq: 24 May 2022 14:55

Instrument :

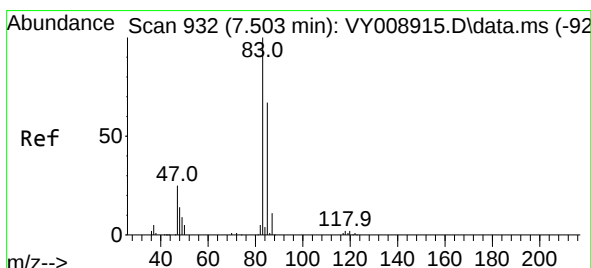
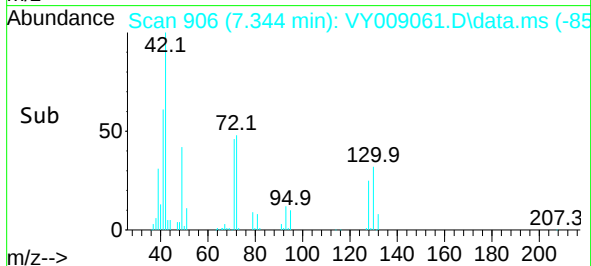
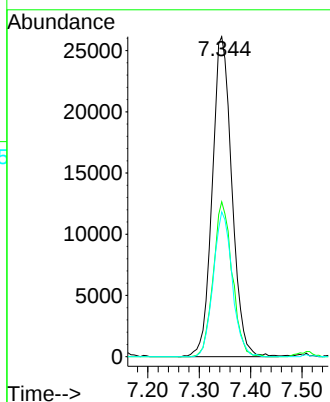
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS



Tgt Ion:	42	Resp:	69249
Ion Ratio	Lower	Upper	
42	100		
72	46.5	30.3	45.5#
71	43.6	29.0	43.4#



#30

Chloroform

Concen: 101.134 ug/l

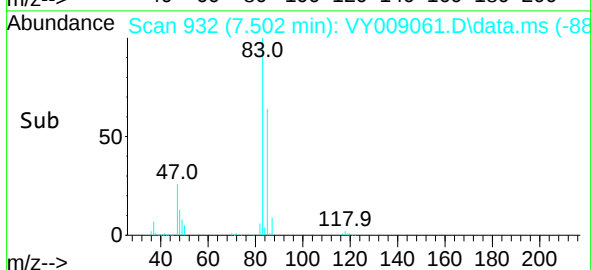
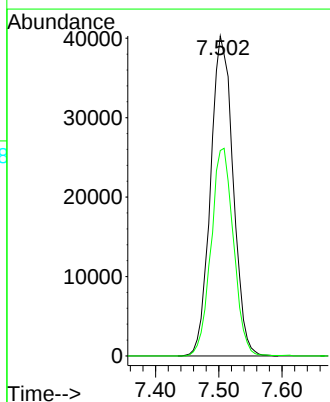
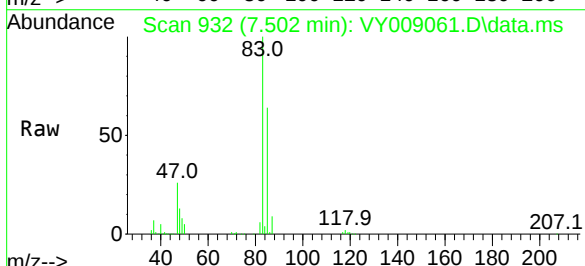
RT: 7.502 min Scan# 932

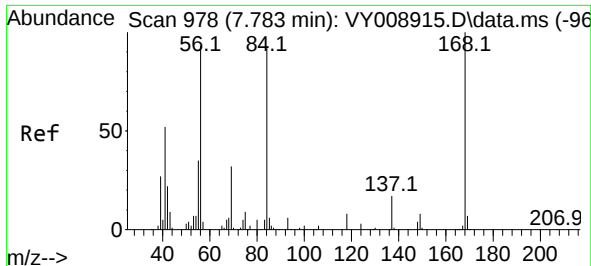
Delta R.T. -0.001 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:	83	Resp:	99529
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.6

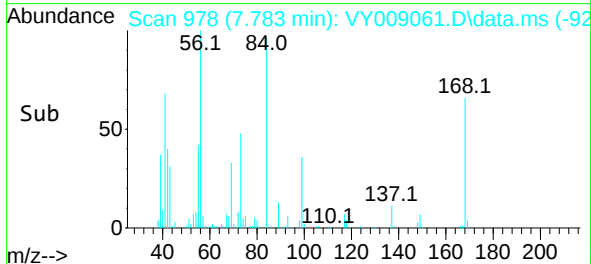
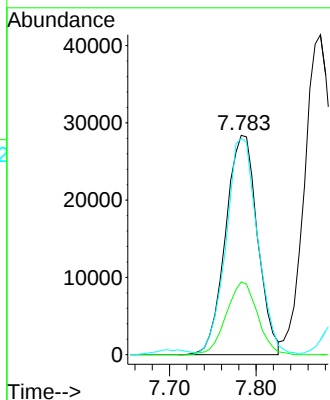
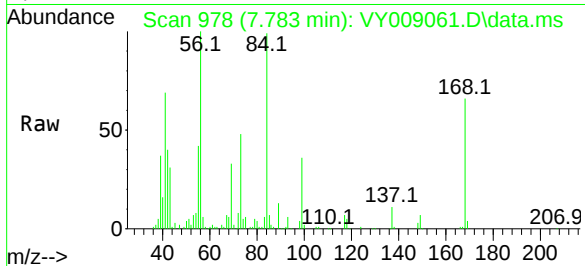




#31
Cyclohexane
Concen: 80.587 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

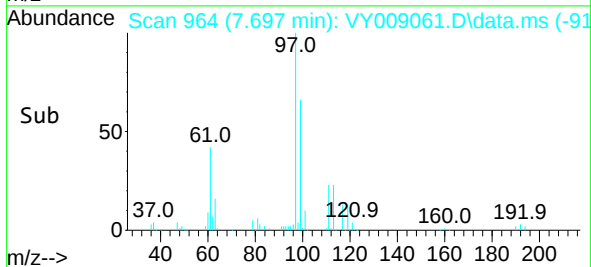
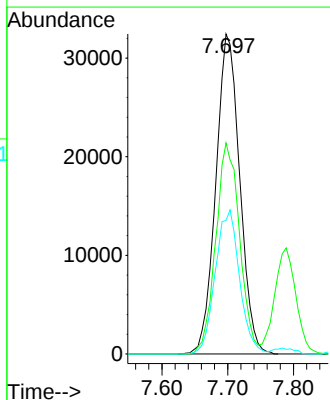
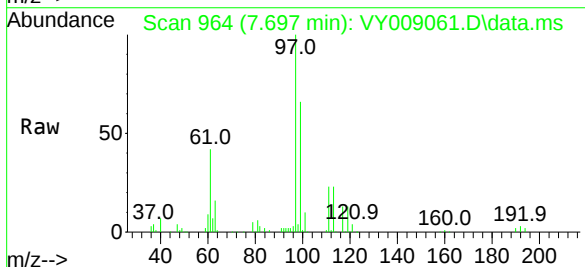
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

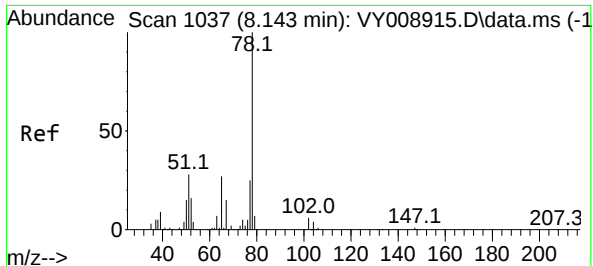
Tgt Ion: 56 Resp: 72625
Ion Ratio Lower Upper
56 100
69 33.2 26.7 40.1
84 96.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 92.081 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 97 Resp: 82214
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 45.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 77.480 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

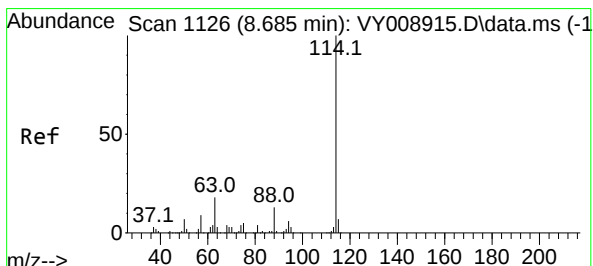
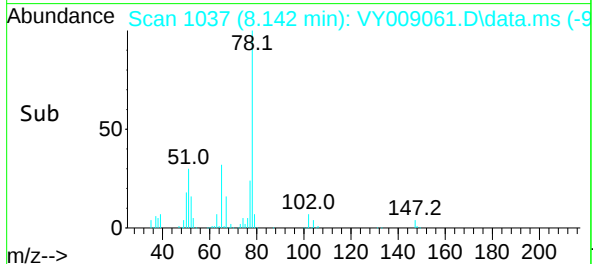
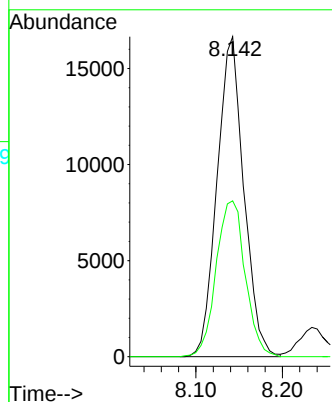
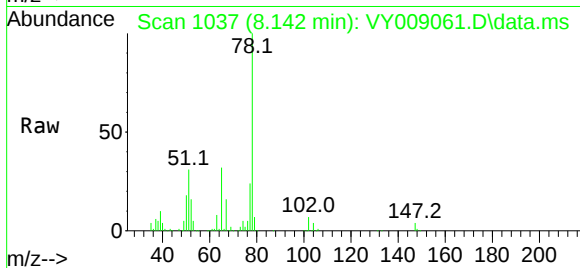
P037-SS001-1218-01MS

Tgt Ion: 65 Resp: 35692

Ion Ratio Lower Upper

65 100

67 52.9 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: VY009061.D

Acq: 24 May 2022 14:55

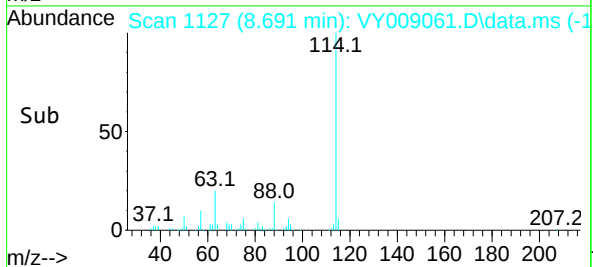
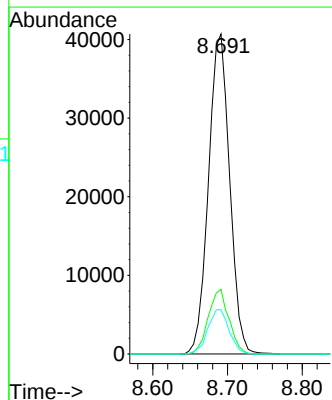
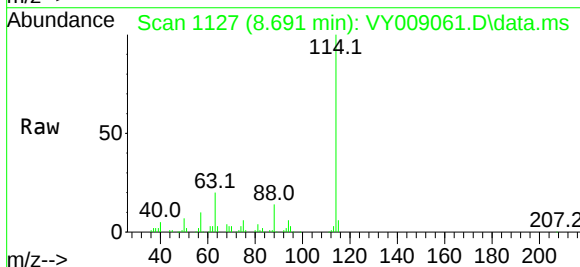
Tgt Ion: 114 Resp: 80032

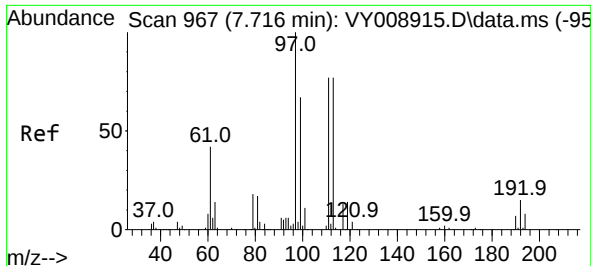
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 13.8 0.0 31.8

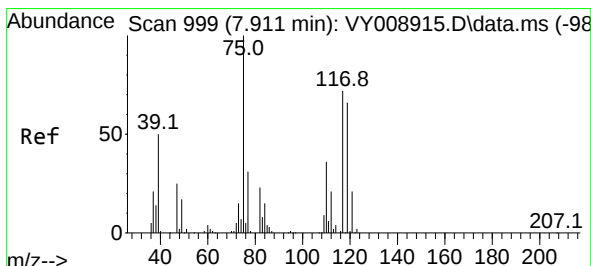
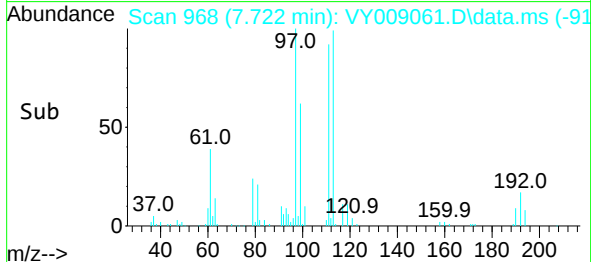
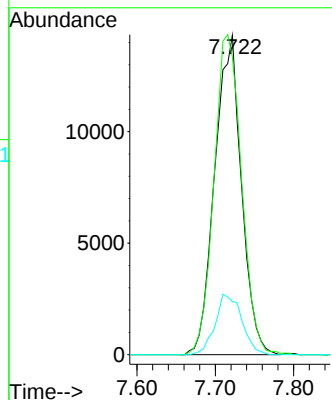
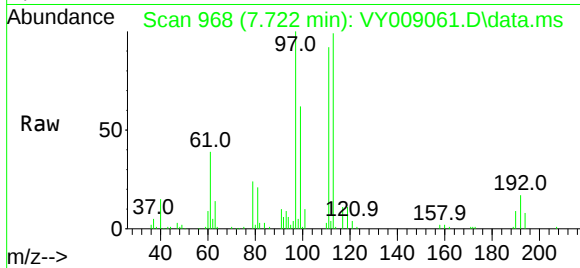




#35
Dibromofluoromethane
Concen: 68.041 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

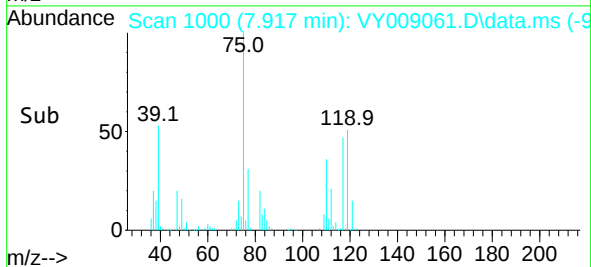
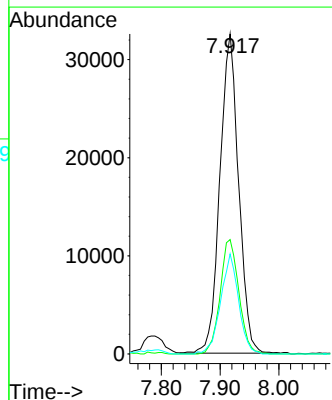
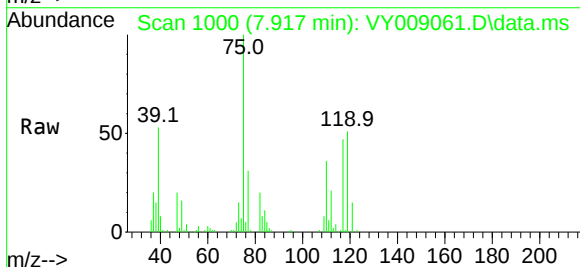
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

Tgt Ion:113 Resp: 33862
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 84.862 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 75 Resp: 71873
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 93.974 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY009061.D

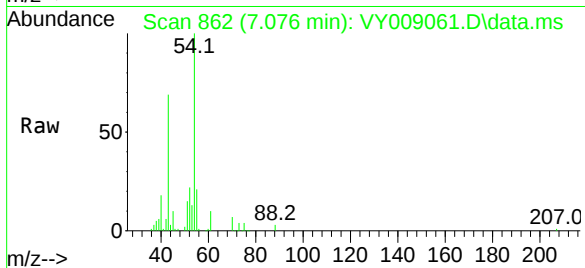
Acq: 24 May 2022 14:55

Instrument :

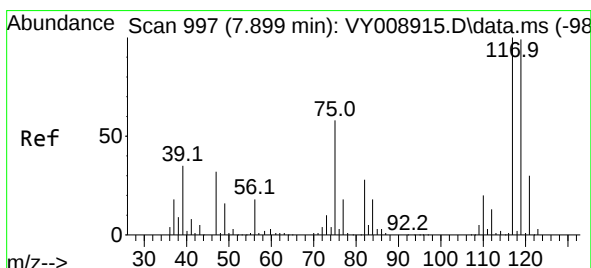
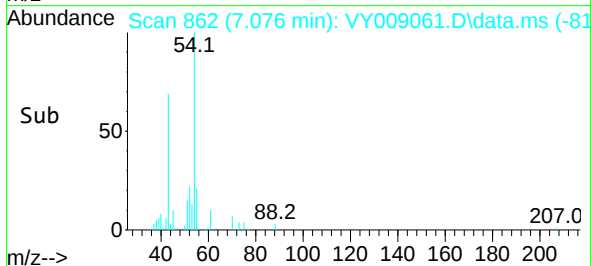
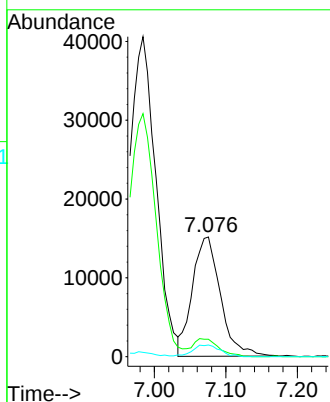
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS



Tgt Ion:	43	Resp:	41286
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.7	14.5
70	9.7	7.1	10.7



#38

Carbon Tetrachloride

Concen: 84.374 ug/l

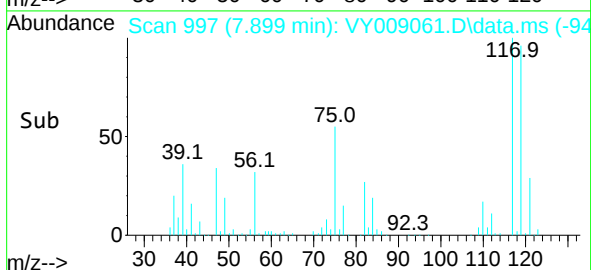
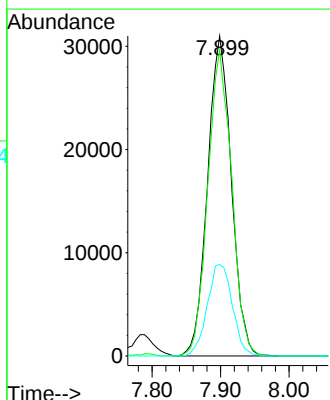
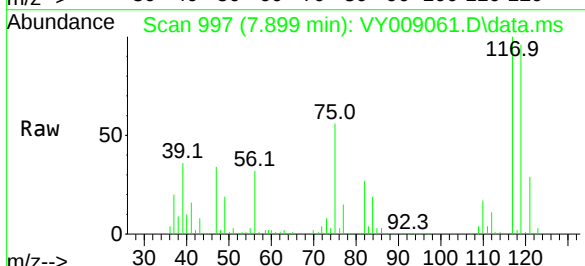
RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:	117	Resp:	74754
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.9	116.9
121	28.6	24.8	37.2





#39

Methylcyclohexane

Concen: 73.887 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009061.D

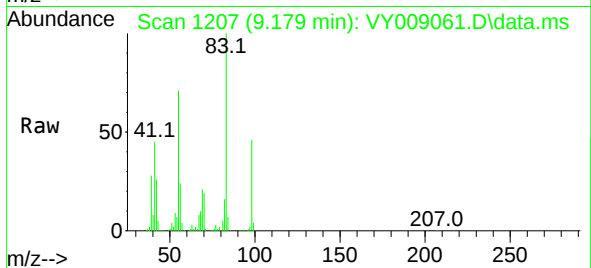
Acq: 24 May 2022 14:55

Instrument :

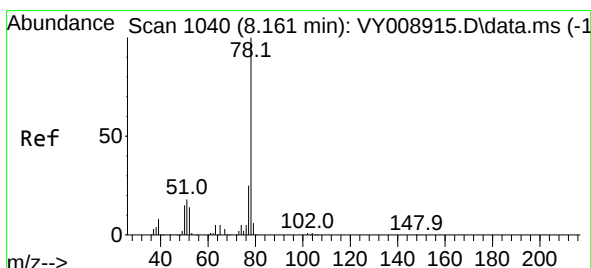
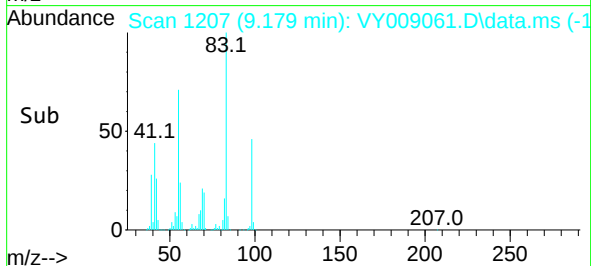
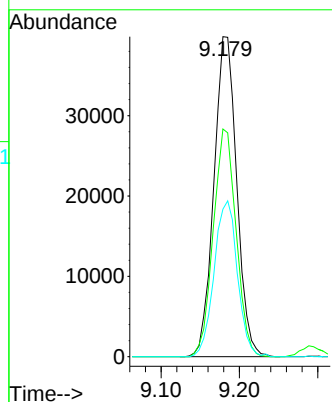
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS



Tgt Ion:	83	Resp:	80774
Ion	Ratio	Lower	Upper
83	100		
55	71.1	66.5	99.7
98	46.1	37.9	56.9



#40

Benzene

Concen: 90.875 ug/l

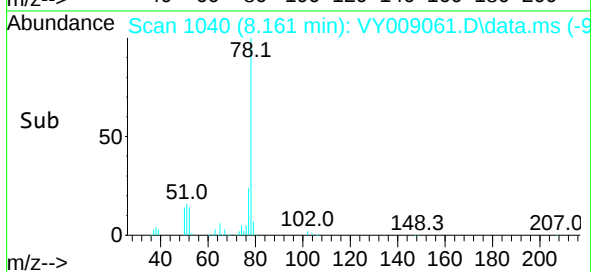
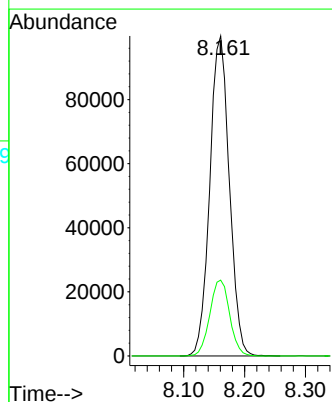
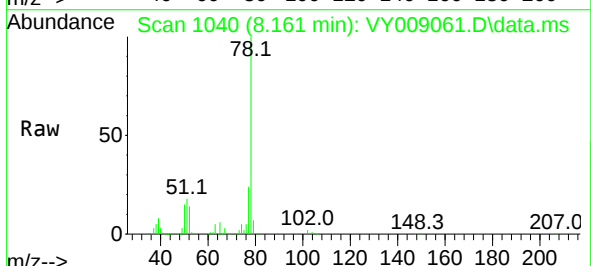
RT: 8.161 min Scan# 1040

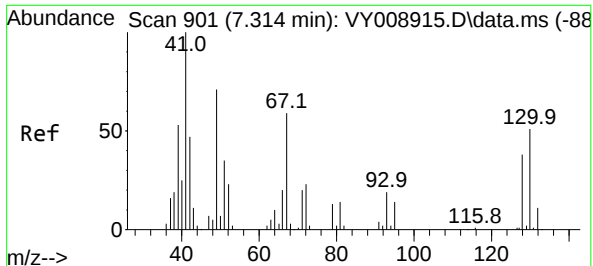
Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:	78	Resp:	221939
Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.4	30.6

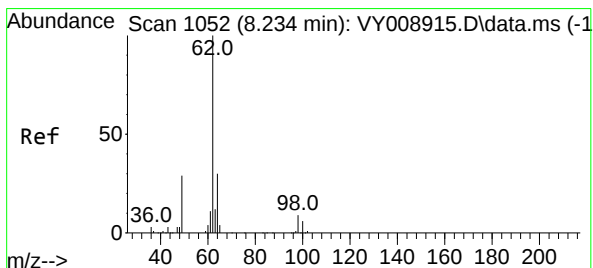
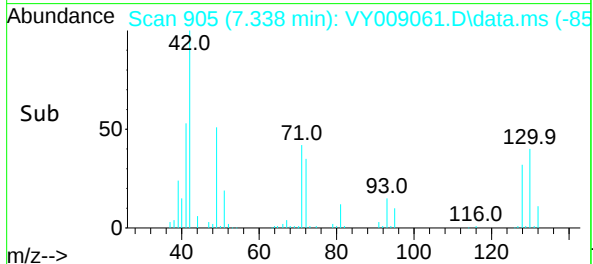
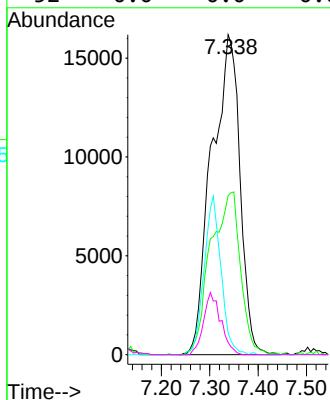
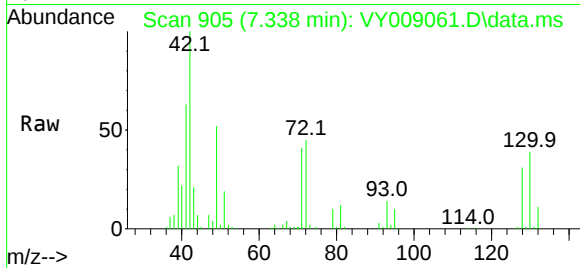




#41
Methacrylonitrile
Concen: 289.544 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

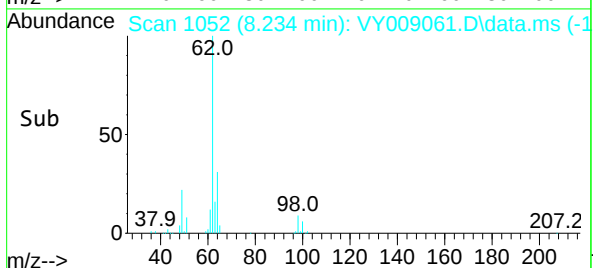
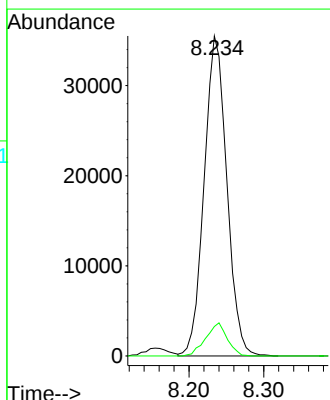
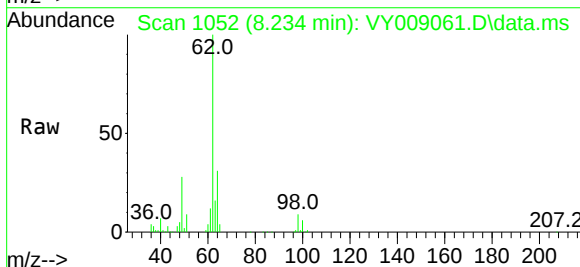
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

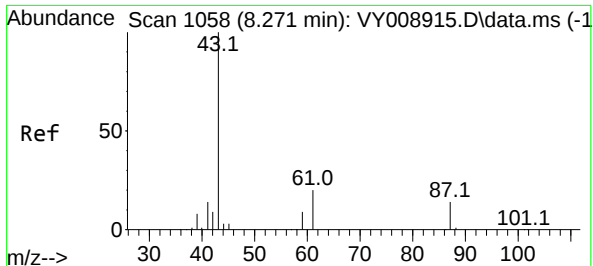
Tgt Ion: 41 Resp: 65642
Ion Ratio Lower Upper
41 100
39 53.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 104.525 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 62 Resp: 74960
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 107.202 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

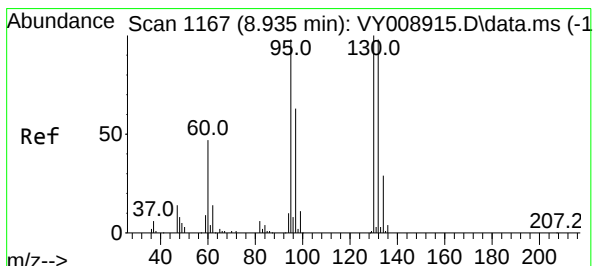
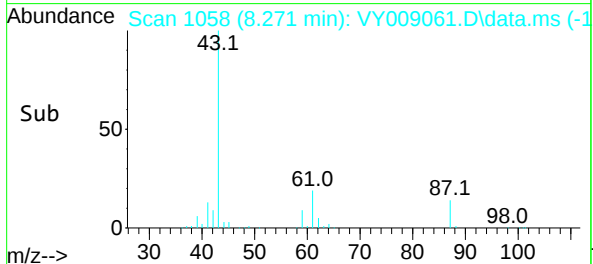
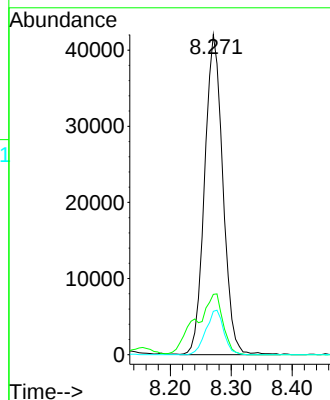
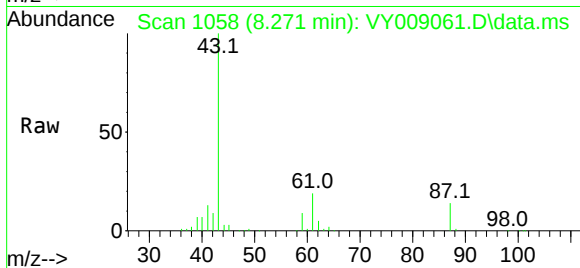
Tgt Ion: 43 Resp: 87573

Ion Ratio Lower Upper

43 100

61 28.3 20.2 30.2

87 13.6 8.9 13.3#



#44

Trichloroethene

Concen: 85.734 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009061.D

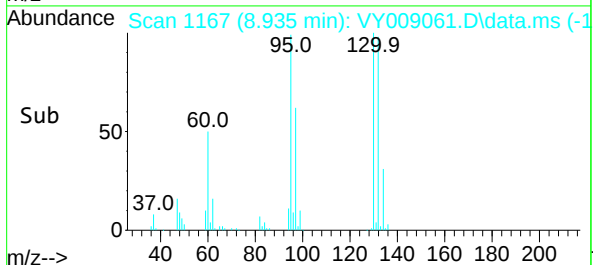
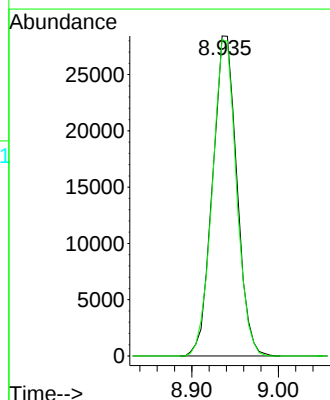
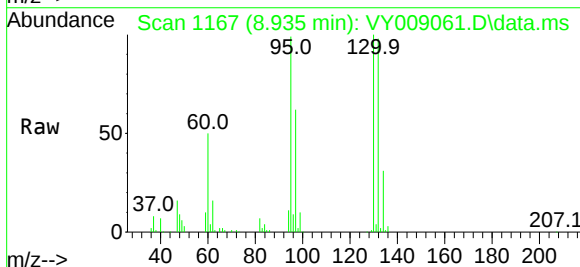
Acq: 24 May 2022 14:55

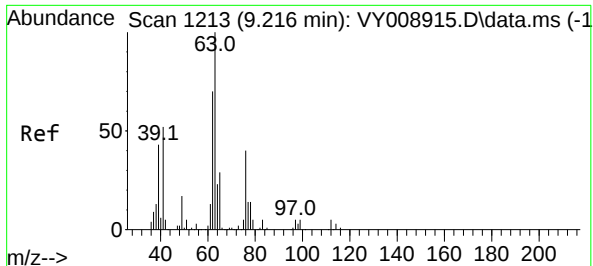
Tgt Ion:130 Resp: 55441

Ion Ratio Lower Upper

130 100

95 98.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 99.819 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

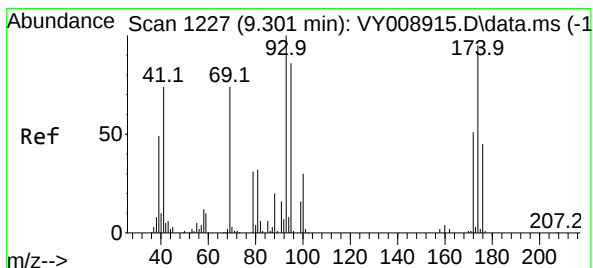
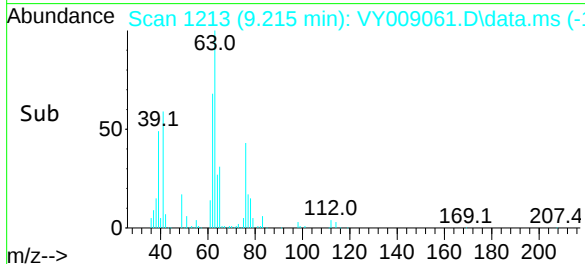
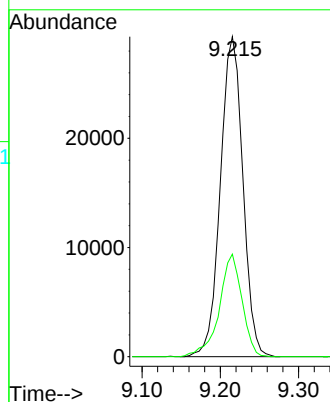
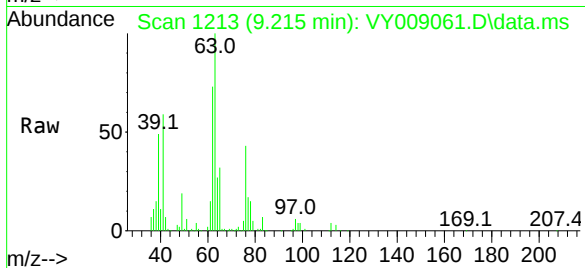
P037-SS001-1218-01MS

Tgt Ion: 63 Resp: 58536

Ion Ratio Lower Upper

63 100

65 32.0 23.0 34.6



#46

Dibromomethane

Concen: 102.805 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

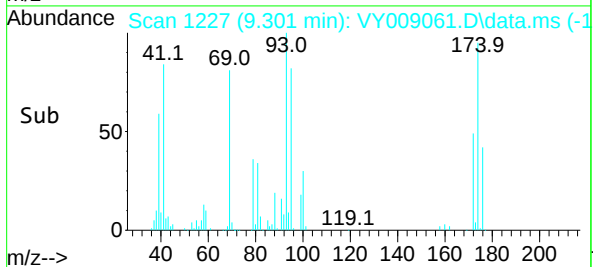
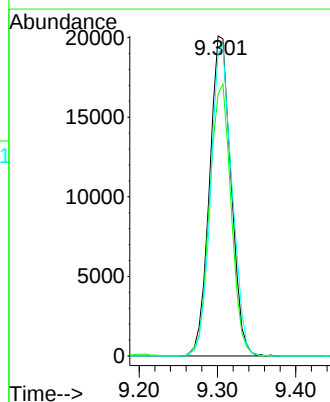
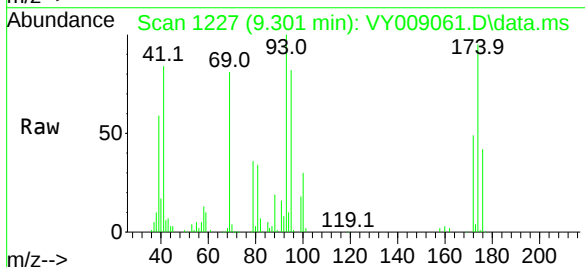
Tgt Ion: 93 Resp: 38334

Ion Ratio Lower Upper

93 100

95 85.1 64.3 96.5

174 96.2 83.4 125.0

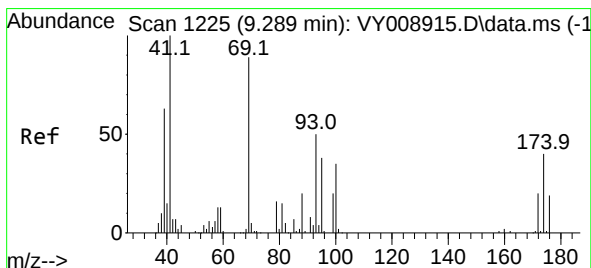
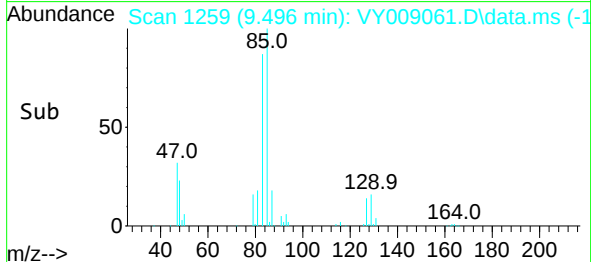
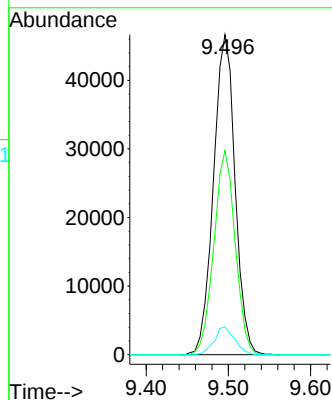
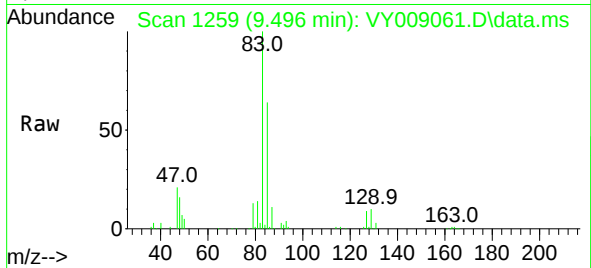




#47
Bromodichloromethane
Concen: 99.747 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

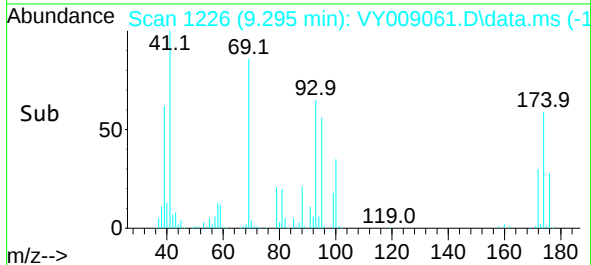
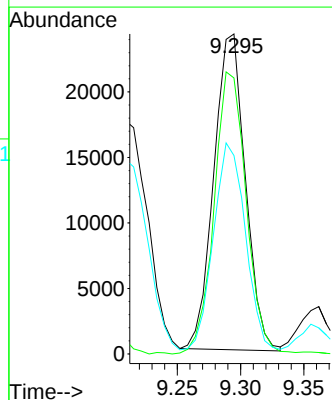
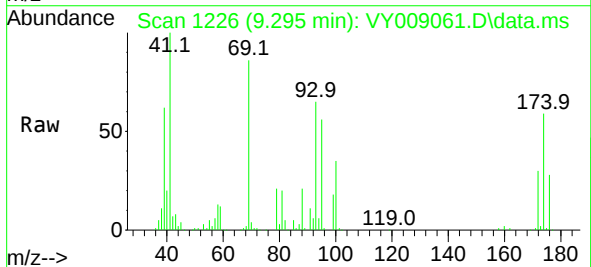
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

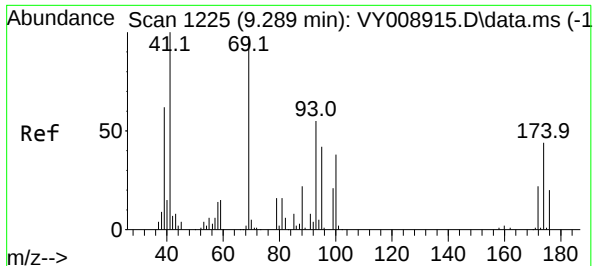
Tgt Ion: 83 Resp: 85003
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 114.574 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 41 Resp: 41793
Ion Ratio Lower Upper
41 100
69 90.7 58.2 87.2#
39 69.4 47.4 71.0





#49

1,4-Dioxane

Concen: 2177.719 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

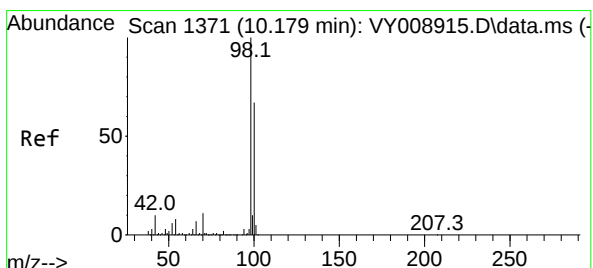
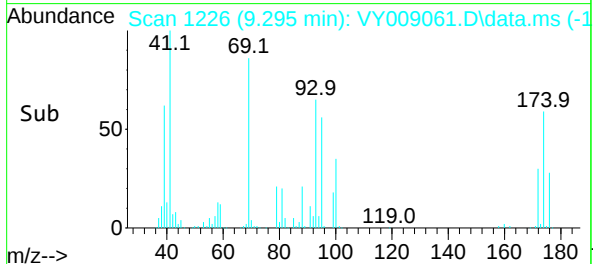
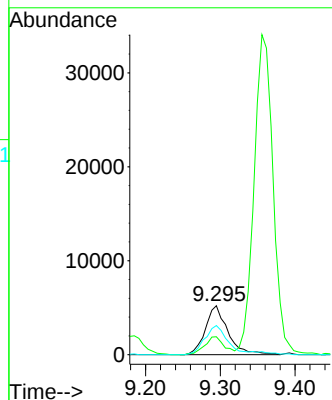
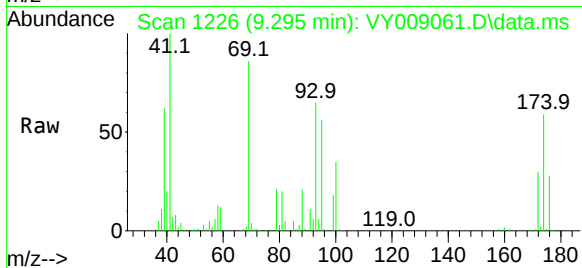
Tgt Ion: 88 Resp: 10855

Ion Ratio Lower Upper

88 100

43 32.5 32.8 49.2#

58 65.4 59.8 89.6



#50

Toluene-d8

Concen: 55.587 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009061.D

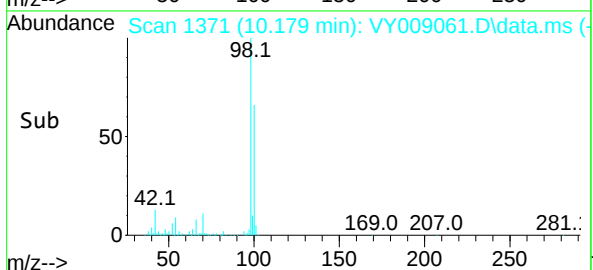
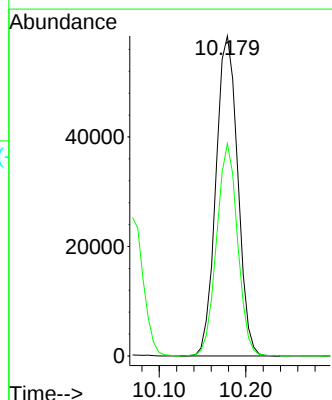
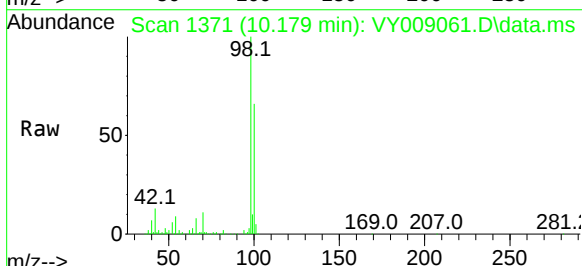
Acq: 24 May 2022 14:55

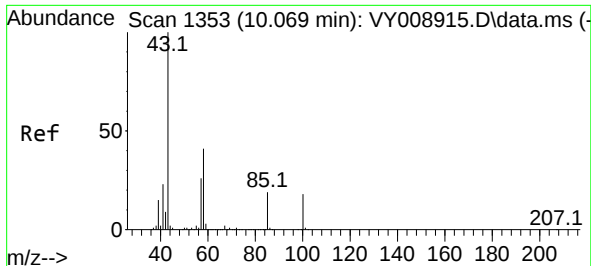
Tgt Ion: 98 Resp: 102057

Ion Ratio Lower Upper

98 100

100 63.9 50.2 75.2

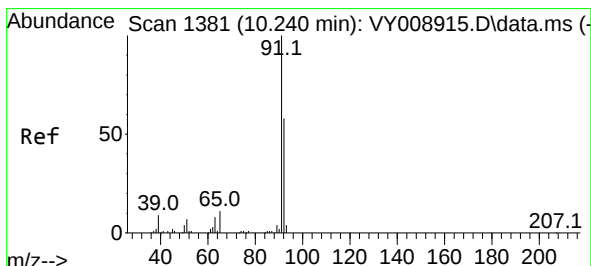
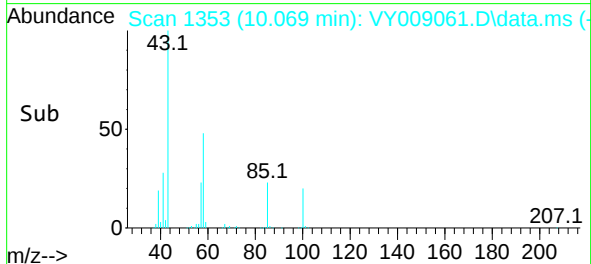
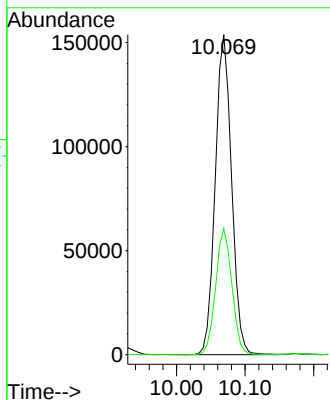
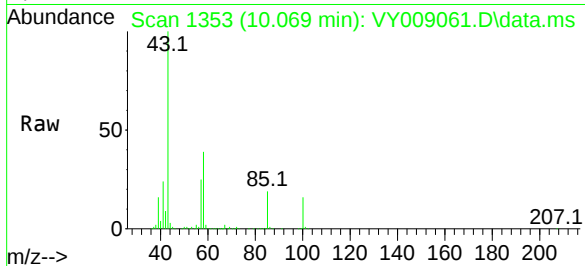




#51
4-Methyl-2-Pentanone
Concen: 560.993 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

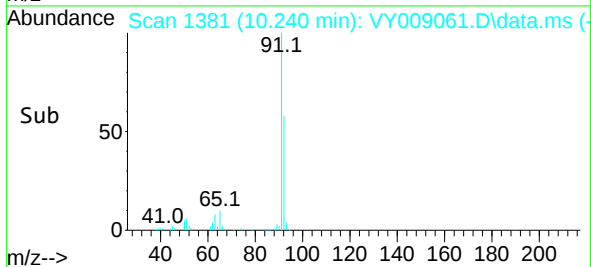
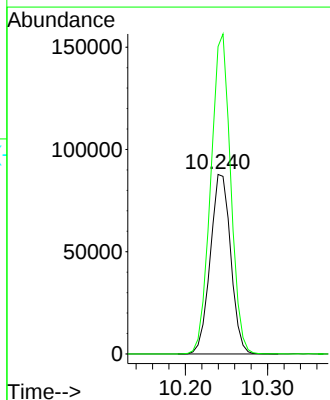
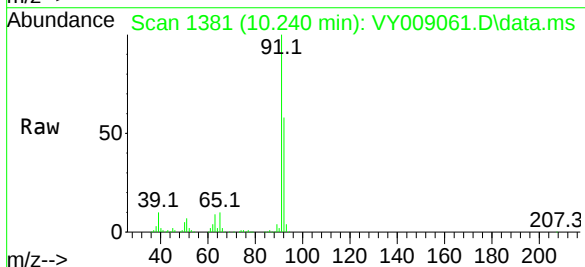
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

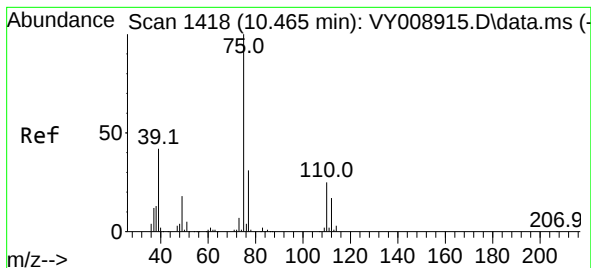
Tgt Ion: 43 Resp: 253624
Ion Ratio Lower Upper
43 100
58 39.3 28.1 42.1



#52
Toluene
Concen: 88.615 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 92 Resp: 151243
Ion Ratio Lower Upper
92 100
91 174.1 142.6 213.8

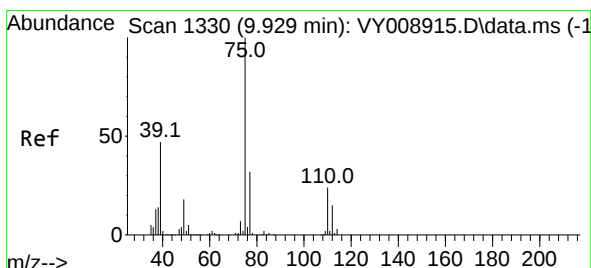
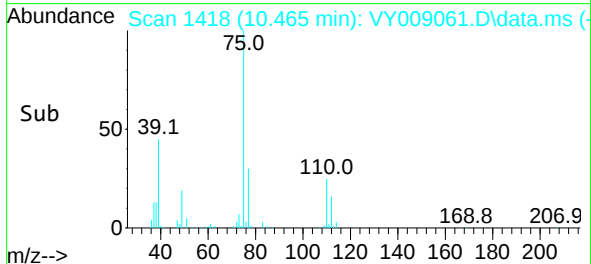
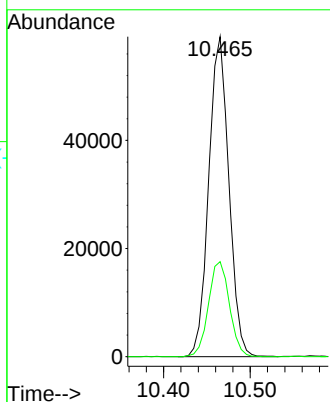
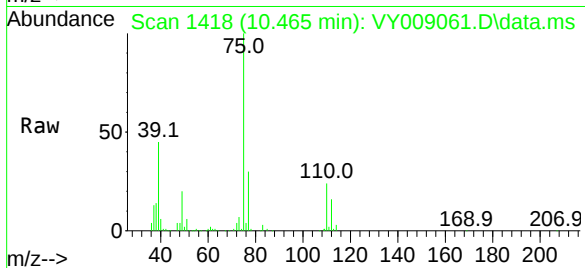




#53
 t-1,3-Dichloropropene
 Concen: 105.565 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

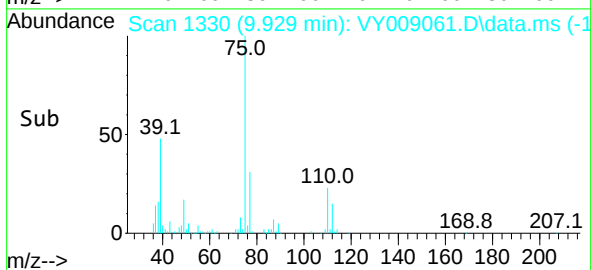
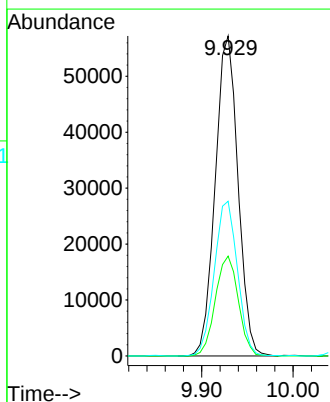
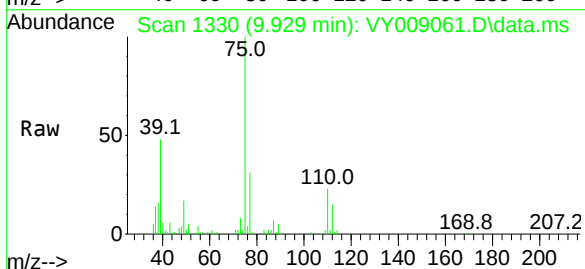
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

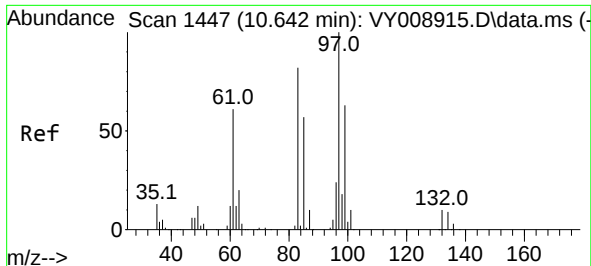
Tgt Ion: 75 Resp: 95532
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 101.780 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

Tgt Ion: 75 Resp: 99017
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4
 39 48.4 47.6 71.4

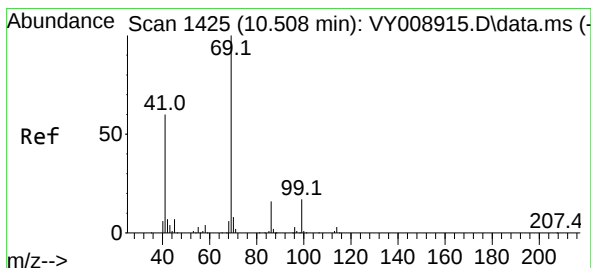
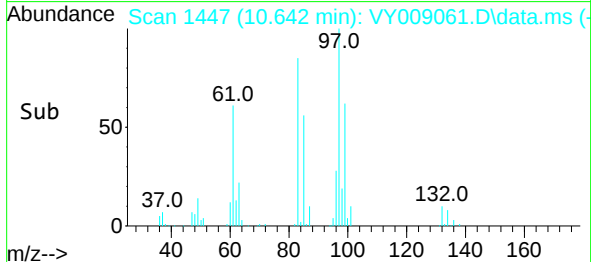
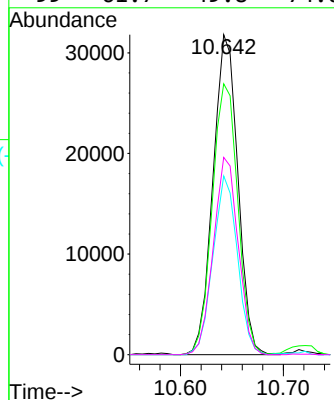
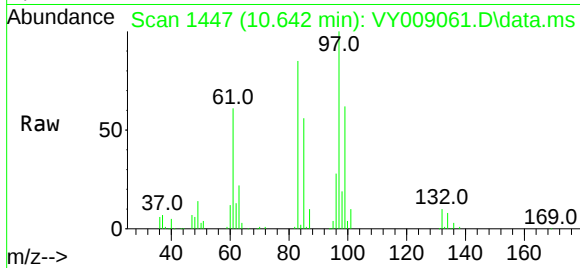




#55
1,1,2-Trichloroethane
Concen: 102.274 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

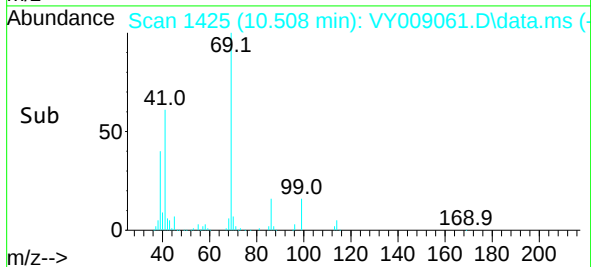
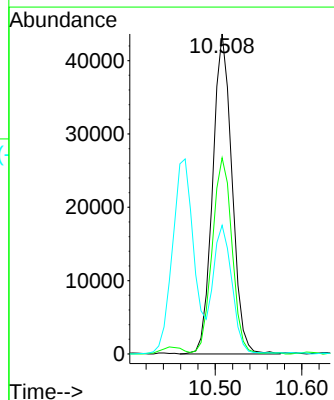
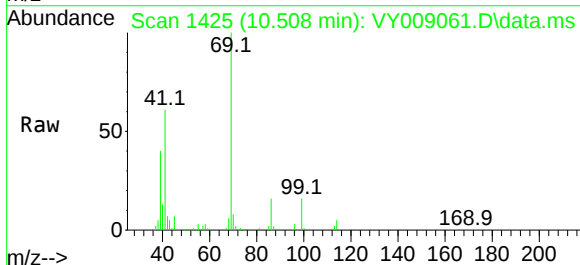
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

Tgt Ion:	97	Resp:	53354
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	55.9	44.3	66.5
99	61.7	49.8	74.6



#56
Ethyl methacrylate
Concen: 101.547 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion:	69	Resp:	67728
Ion	Ratio	Lower	Upper
69	100		
41	62.0	63.4	95.0#
39	37.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 105.385 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009061.D

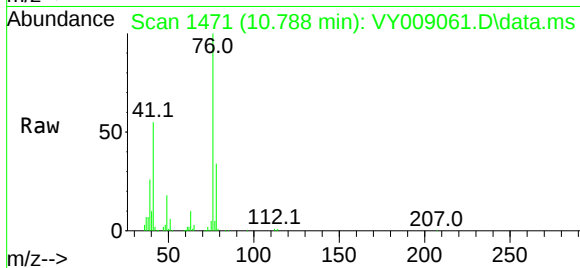
Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

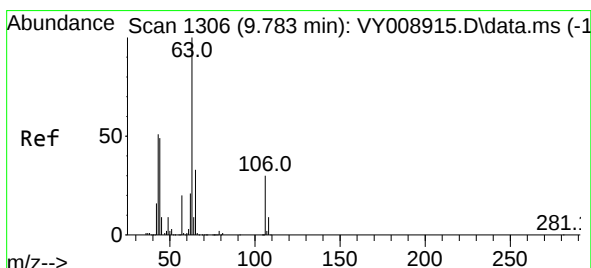
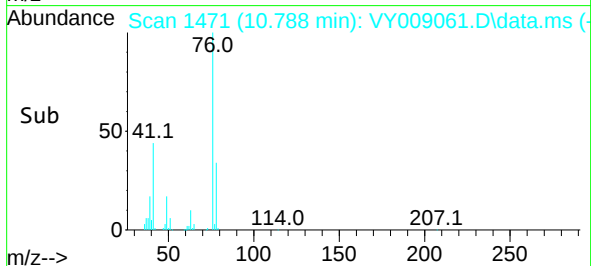
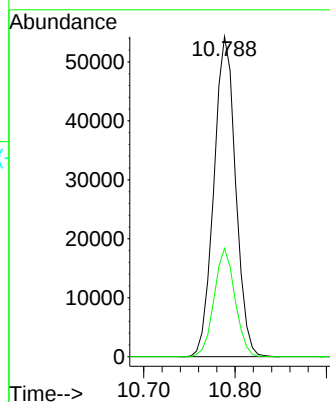


Tgt Ion: 76 Resp: 89681

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 441.053 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009061.D

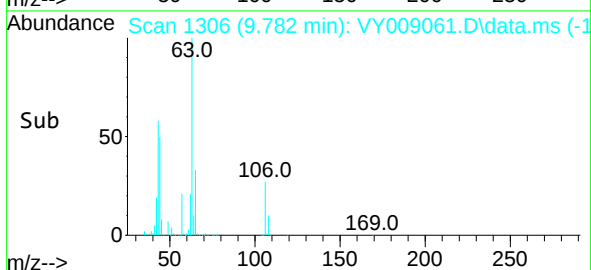
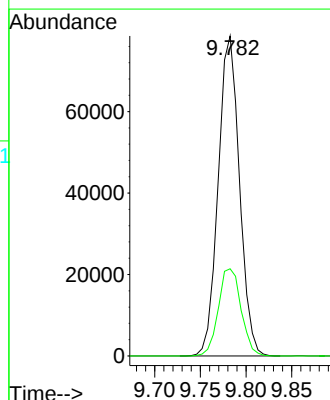
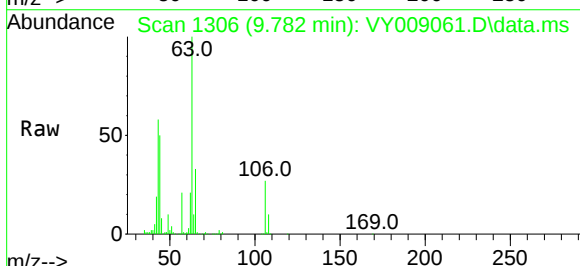
Acq: 24 May 2022 14:55

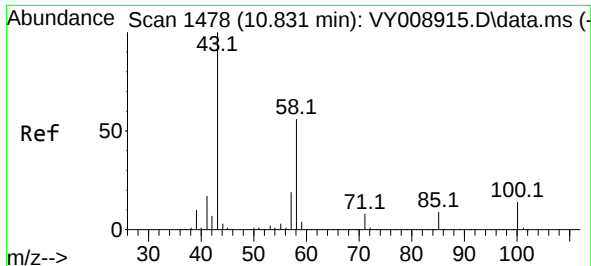
Tgt Ion: 63 Resp: 127265

Ion Ratio Lower Upper

63 100

106 29.1 21.5 32.3

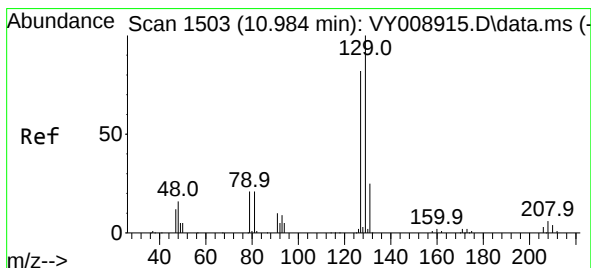
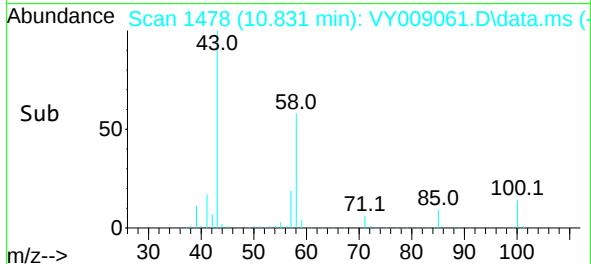
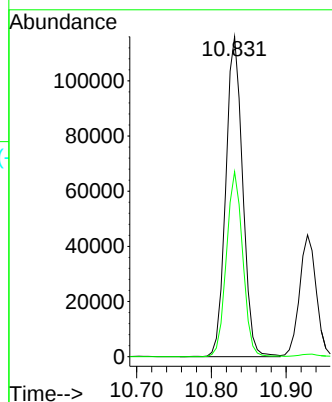
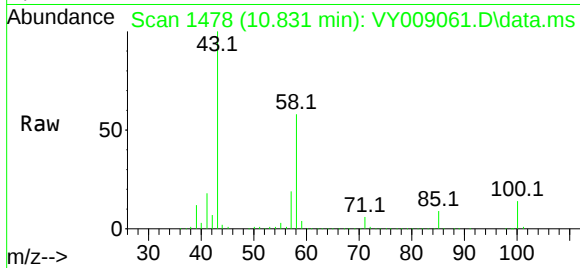




#59
2-Hexanone
Concen: 589.046 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

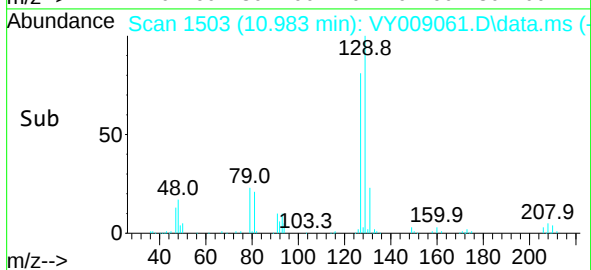
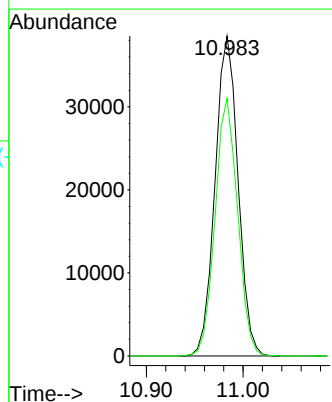
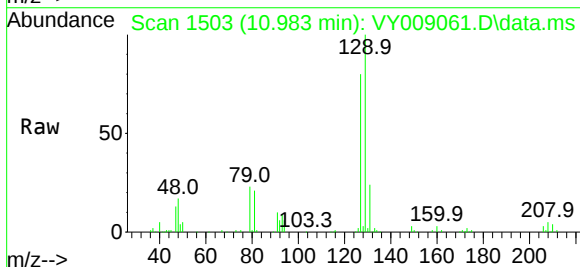
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

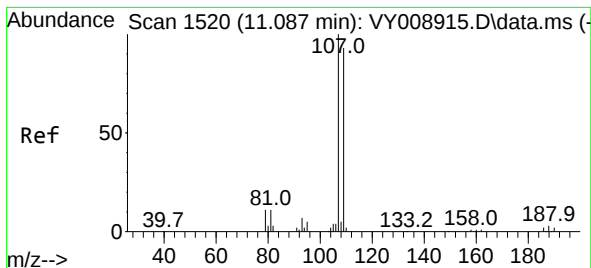
Tgt Ion: 43 Resp: 182333
Ion Ratio Lower Upper
43 100
58 55.9 24.4 73.4



#60
Dibromochloromethane
Concen: 100.420 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion:129 Resp: 63504
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 102.244 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

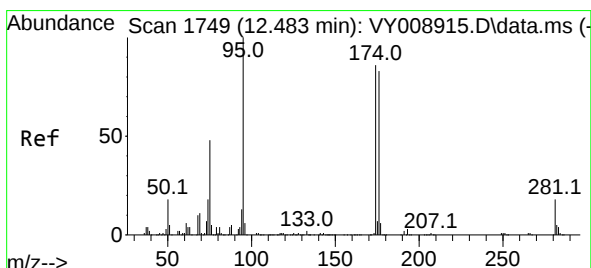
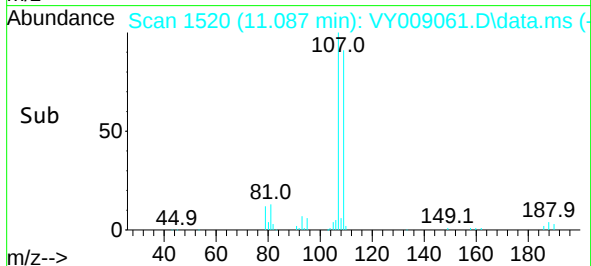
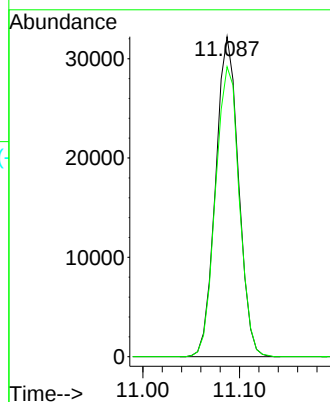
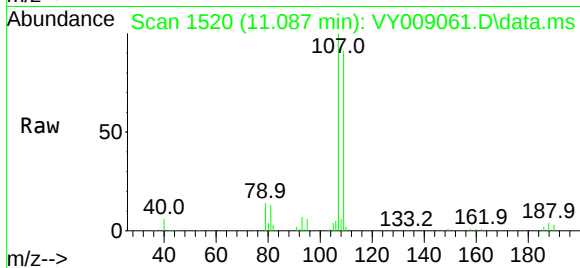
P037-SS001-1218-01MS

Tgt Ion:107 Resp: 52855

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 74.324 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

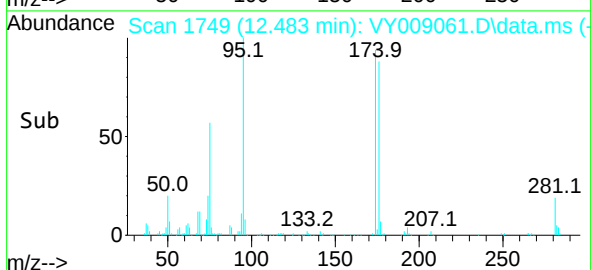
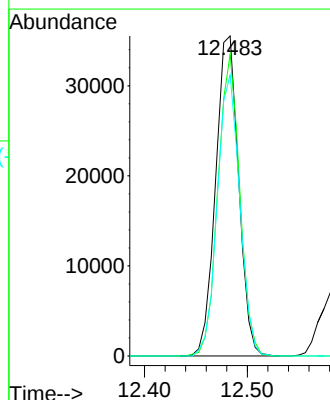
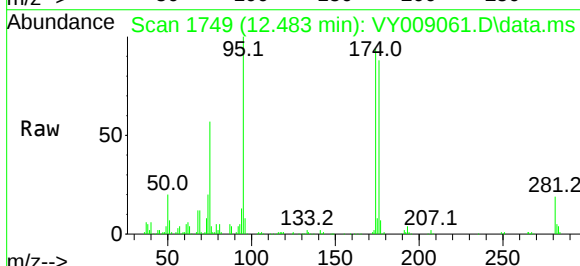
Tgt Ion: 95 Resp: 55046

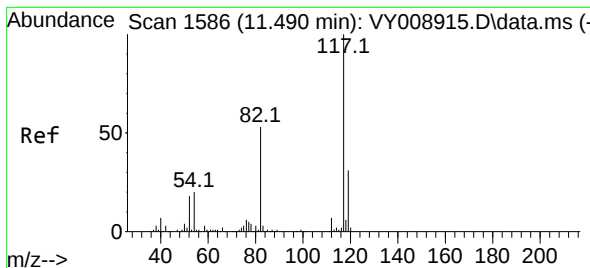
Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.0

176 85.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

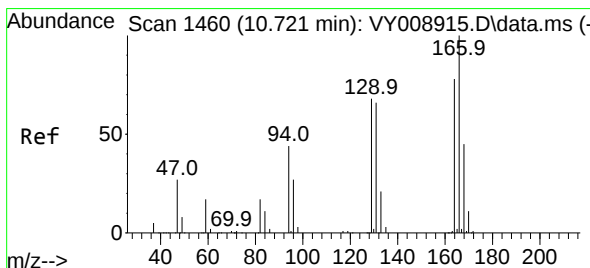
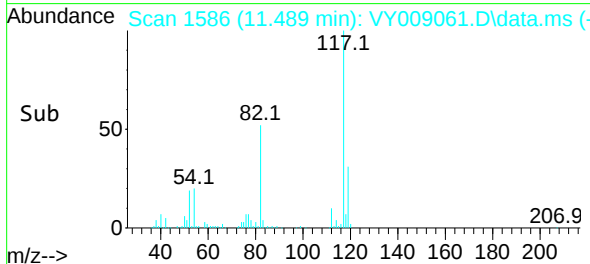
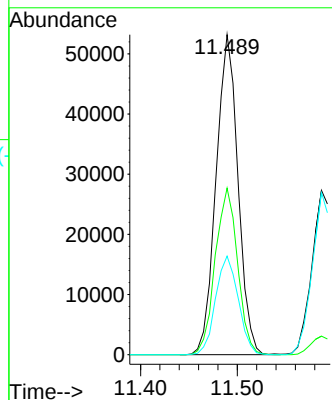
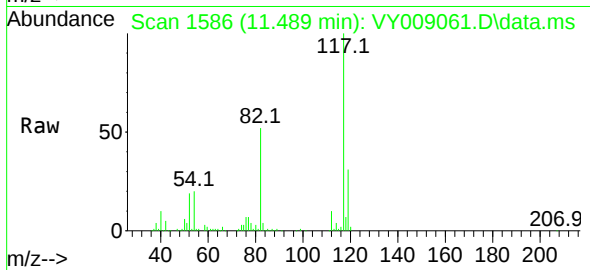
Tgt Ion:117 Resp: 83761

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

119 30.8 25.4 38.0



#64

Tetrachloroethene

Concen: 88.156 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:164 Resp: 53746

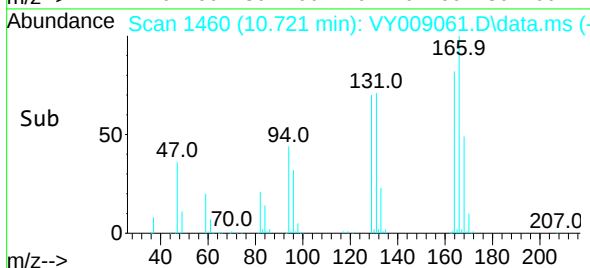
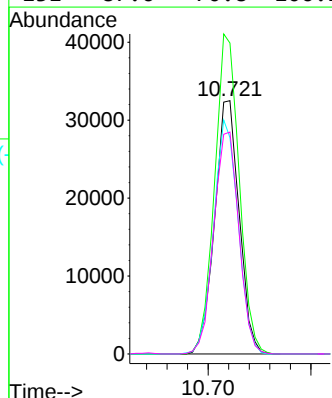
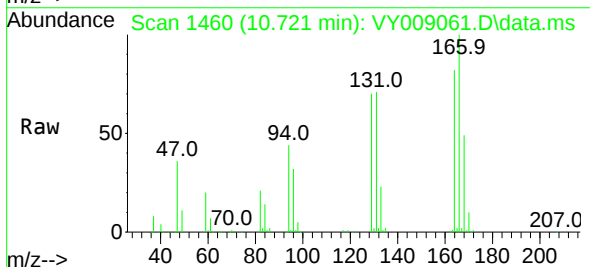
Ion Ratio Lower Upper

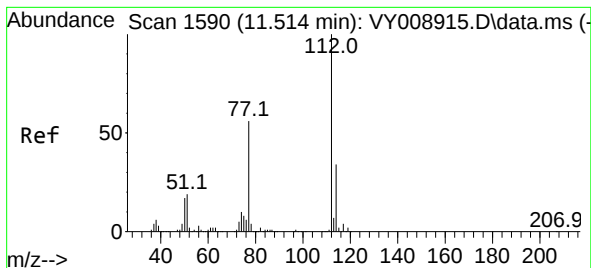
164 100

166 122.7 100.4 150.6

129 85.4 71.4 107.0

131 87.6 70.8 106.2





#65

Chlorobenzene

Concen: 85.173 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

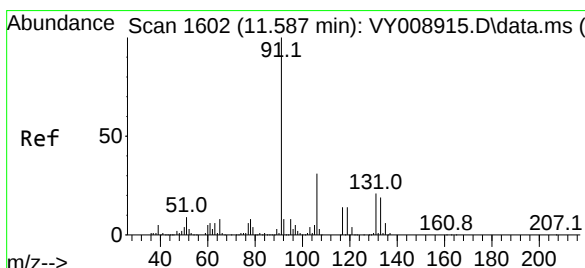
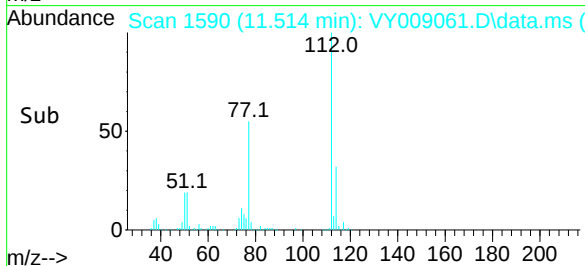
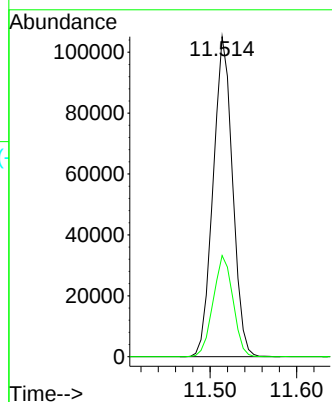
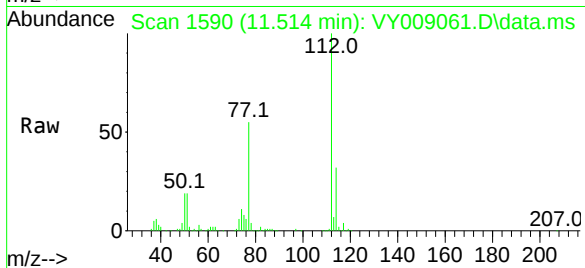
P037-SS001-1218-01MS

Tgt Ion:112 Resp: 163746

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 91.392 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

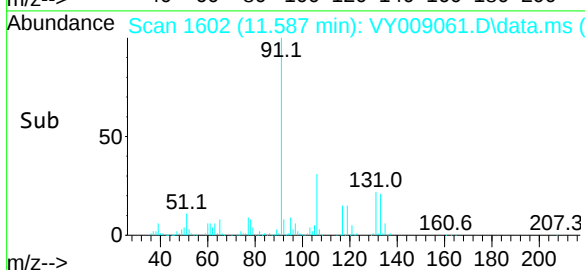
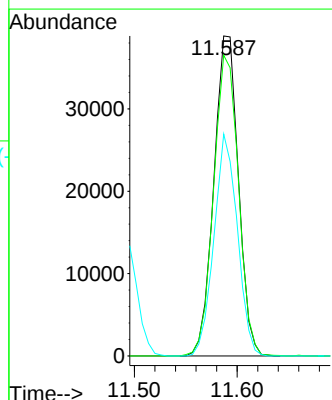
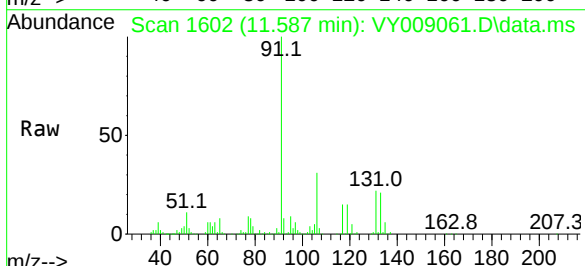
Tgt Ion:131 Resp: 64336

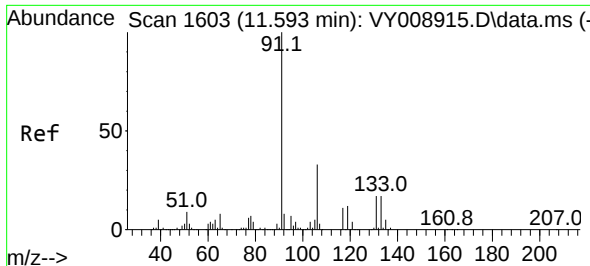
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

119 66.1 30.8 92.3





#67

Ethyl Benzene

Concen: 84.582 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

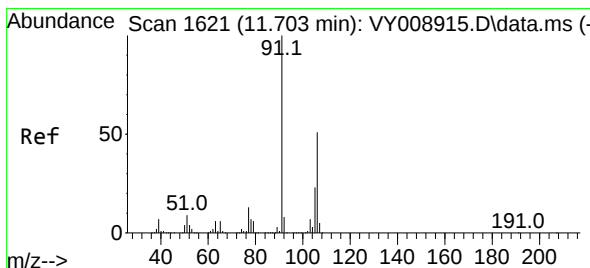
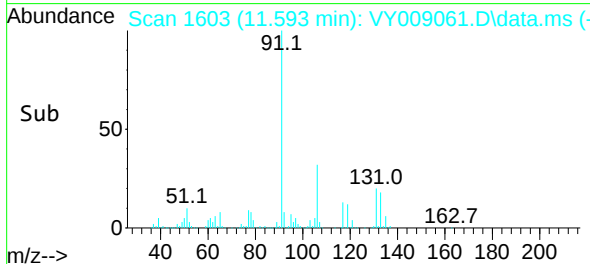
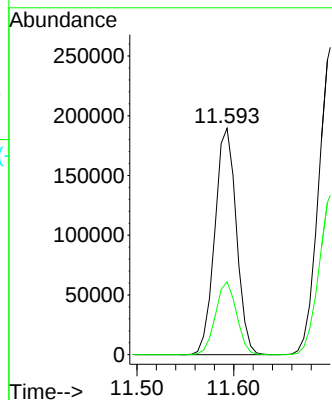
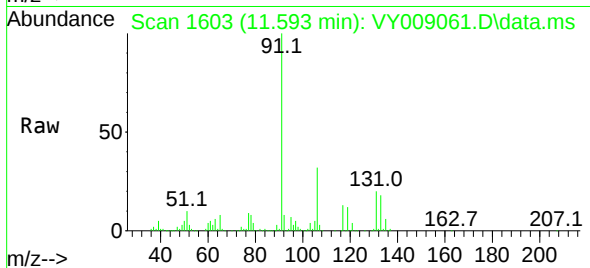
P037-SS001-1218-01MS

Tgt Ion: 91 Resp: 293044

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 173.956 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009061.D

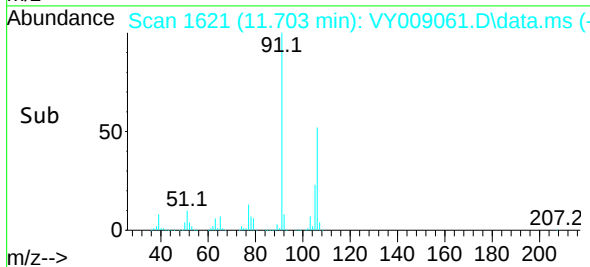
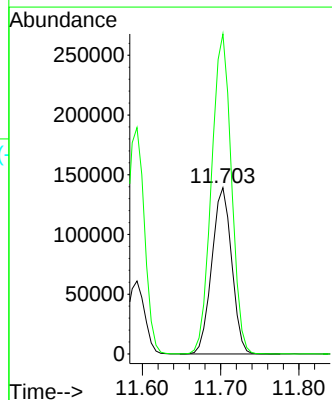
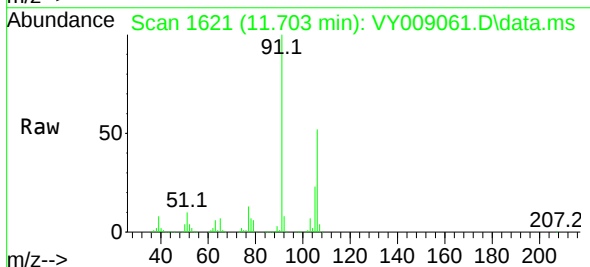
Acq: 24 May 2022 14:55

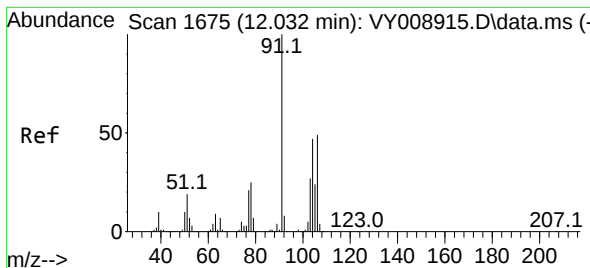
Tgt Ion:106 Resp: 244663

Ion Ratio Lower Upper

106 100

91 193.1 166.6 249.8





#69

o-Xylene

Concen: 89.051 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

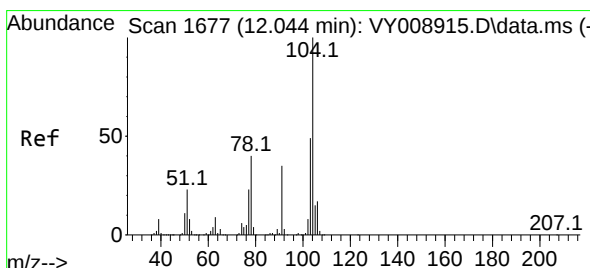
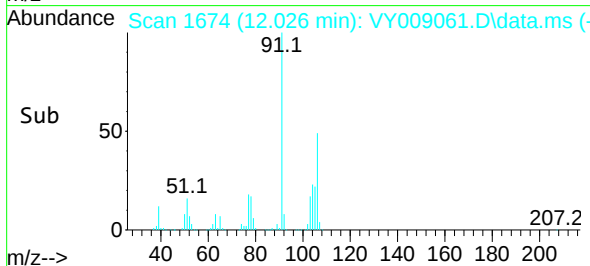
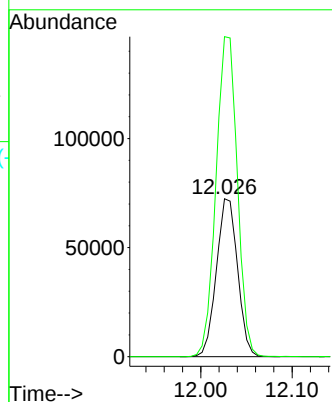
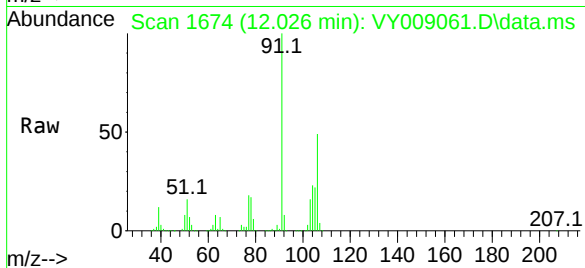
P037-SS001-1218-01MS

Tgt Ion:106 Resp: 116308

Ion Ratio Lower Upper

106 100

91 204.7 110.3 331.0



#70

Styrene

Concen: 95.747 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

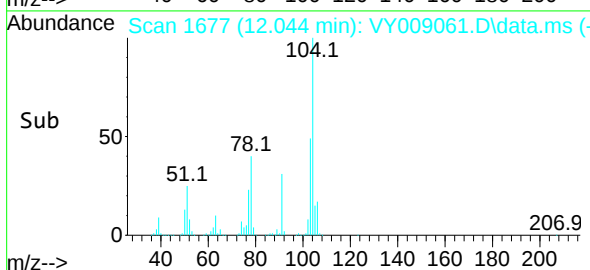
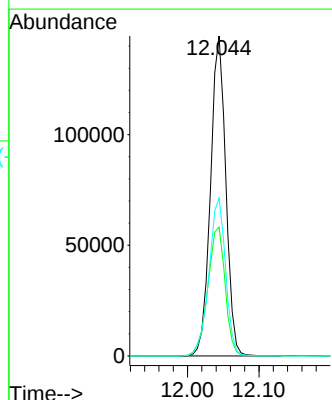
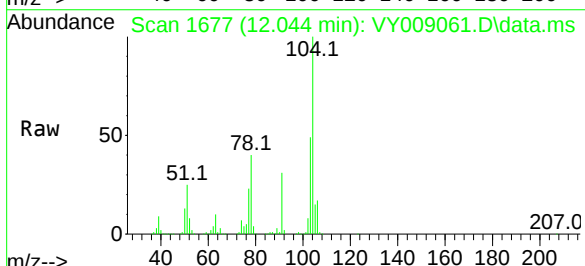
Tgt Ion:104 Resp: 215055

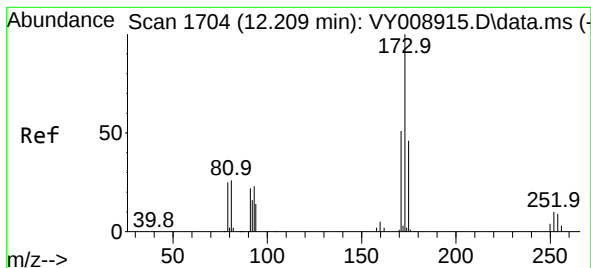
Ion Ratio Lower Upper

104 100

78 45.5 42.4 63.6

103 53.5 44.4 66.6





#71

Bromoform

Concen: 99.832 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

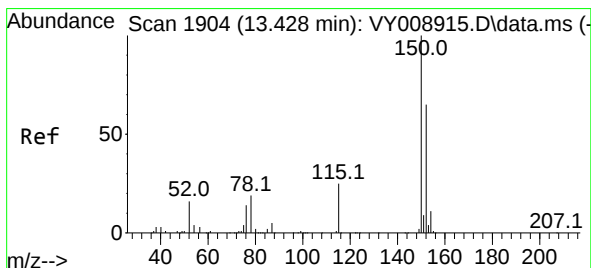
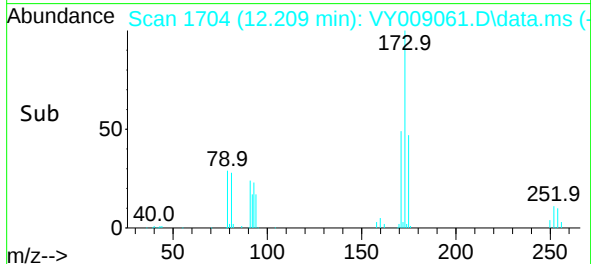
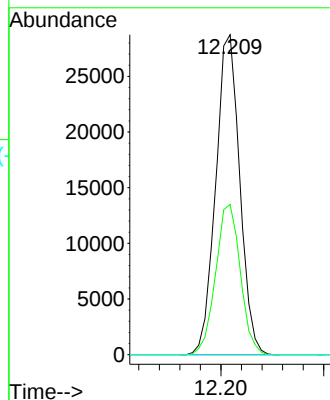
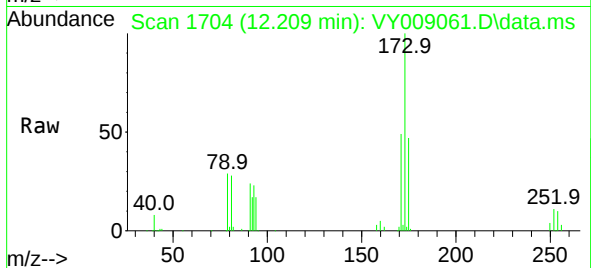
Tgt Ion:173 Resp: 46587

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

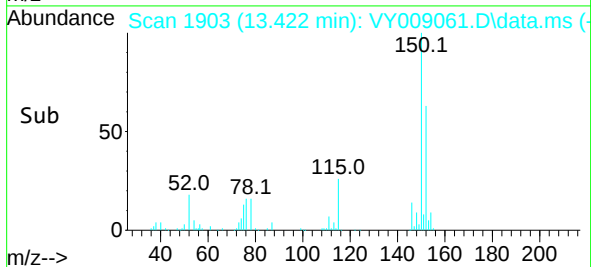
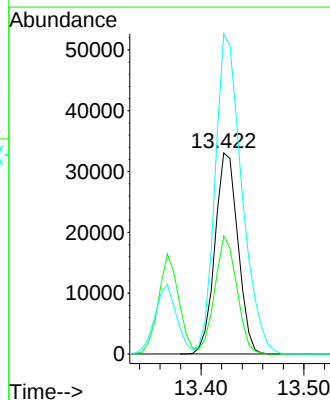
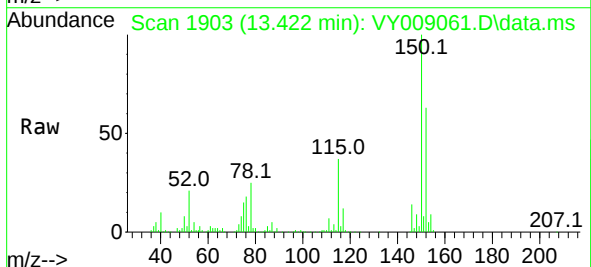
Tgt Ion:152 Resp: 51363

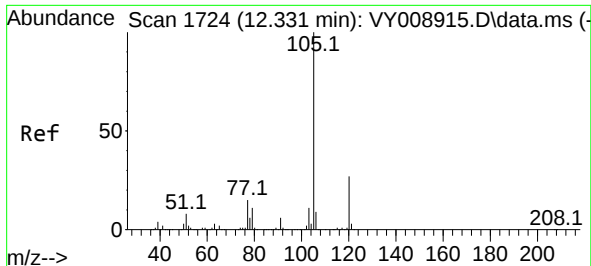
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 185.3 0.0 347.6

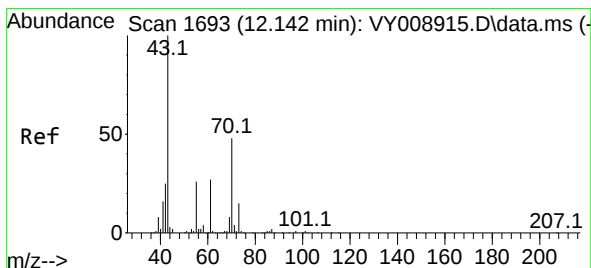
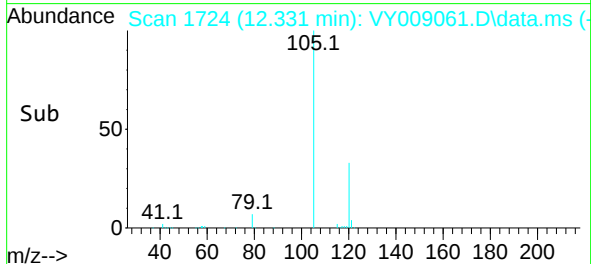
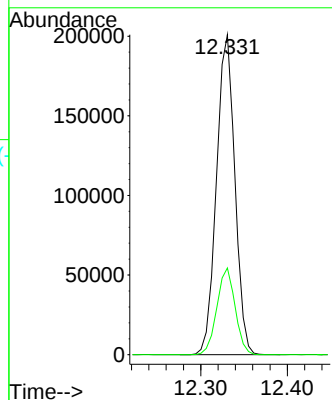
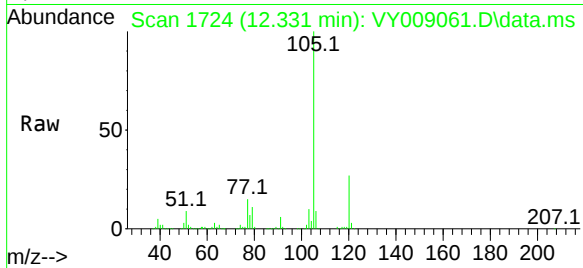




#73
Isopropylbenzene
Concen: 77.075 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

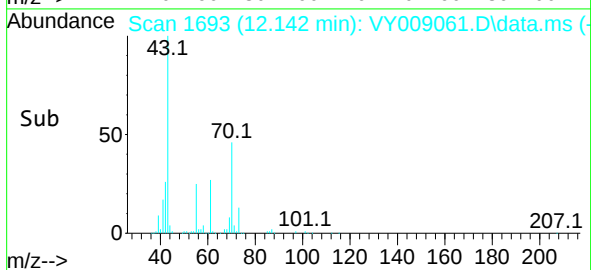
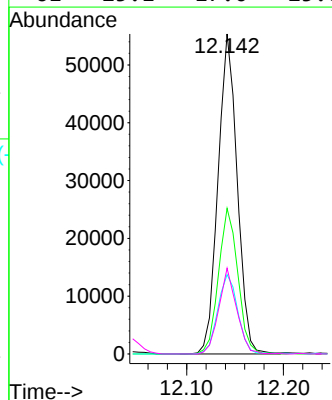
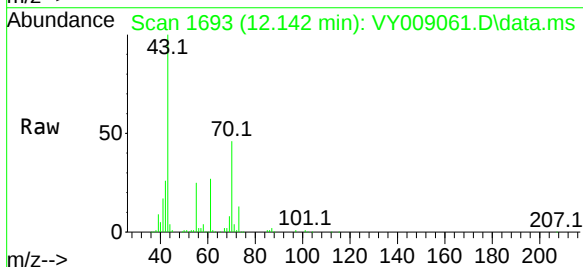
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

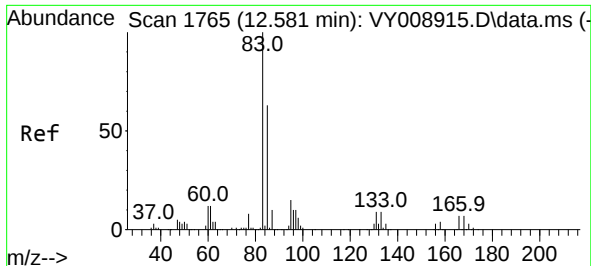
Tgt Ion:105 Resp: 296018
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 85.967 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 43 Resp: 76177
Ion Ratio Lower Upper
43 100
70 45.9 28.7 43.1#
55 25.9 17.3 25.9
61 25.1 17.0 25.6

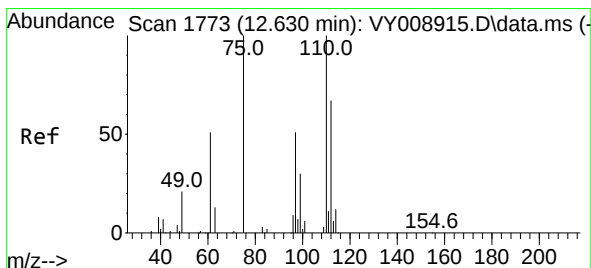
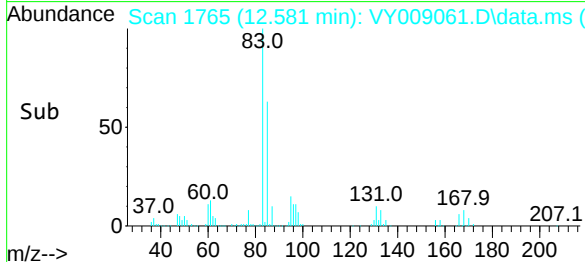
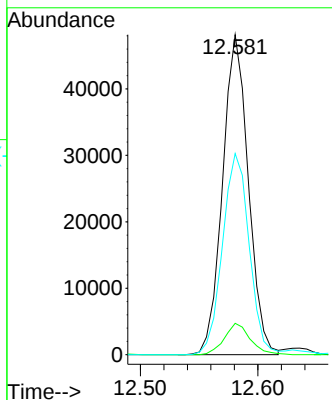
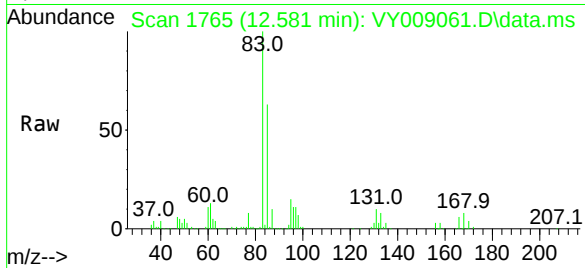




#75
1,1,2,2-Tetrachloroethane
Concen: 92.765 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

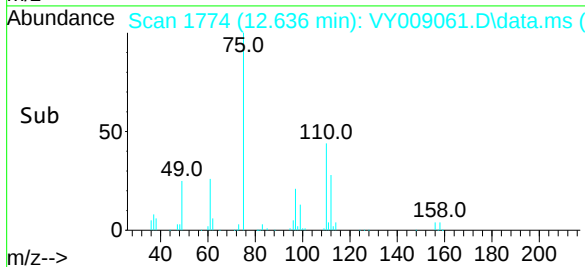
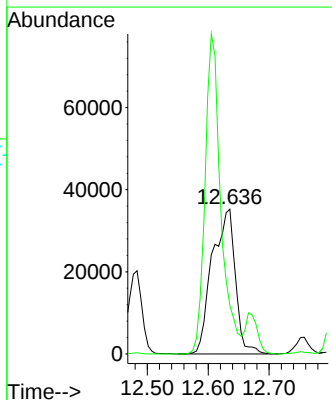
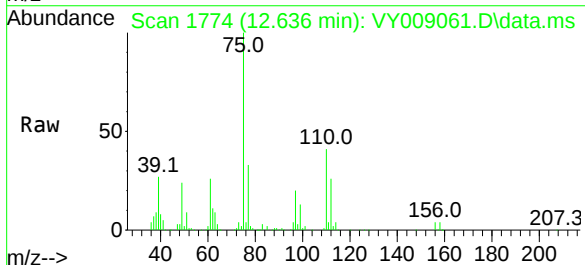
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

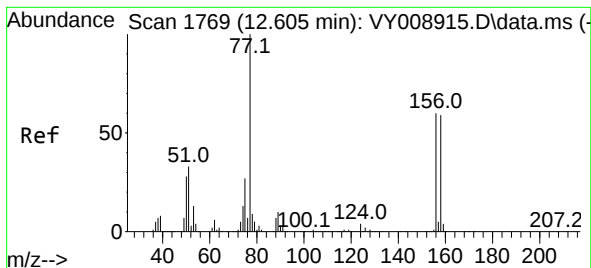
Tgt Ion: 83 Resp: 73392
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 65.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 169.561 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 75 Resp: 93526
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 82.685 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

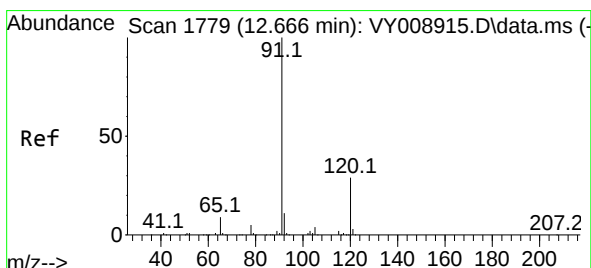
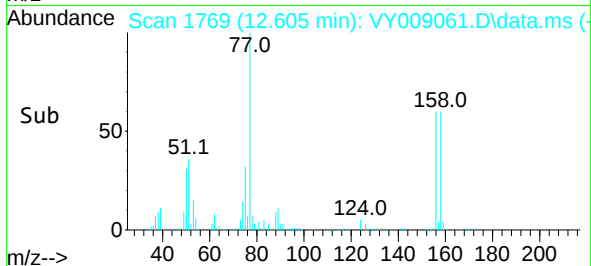
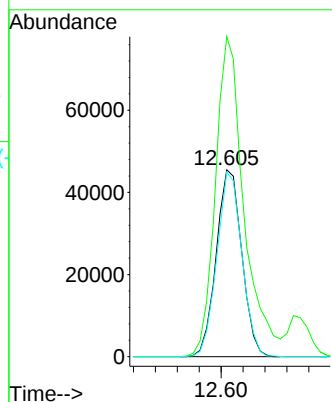
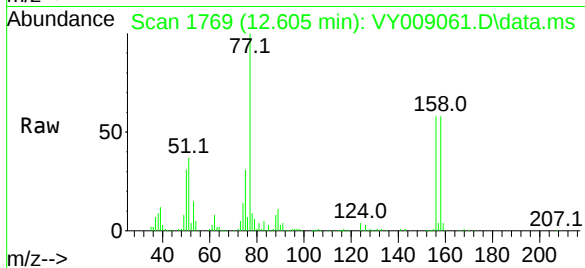
Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS

Tgt Ion:	156	Resp:	73614
Ion Ratio	Lower	Upper	
156	100		
77	191.0	95.5	286.4
158	96.9	48.0	144.0



#78

n-propylbenzene

Concen: 83.215 ug/l

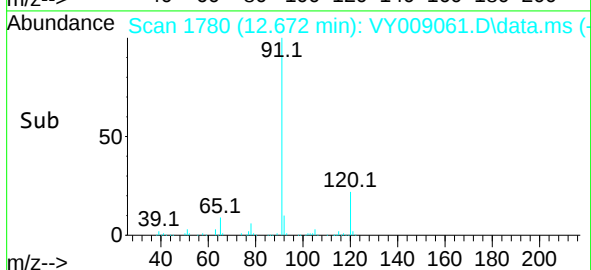
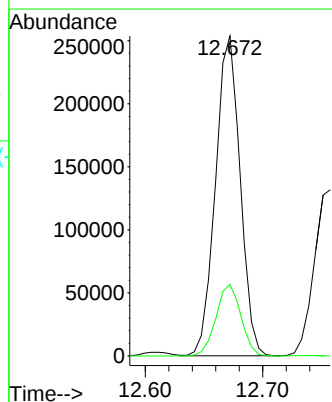
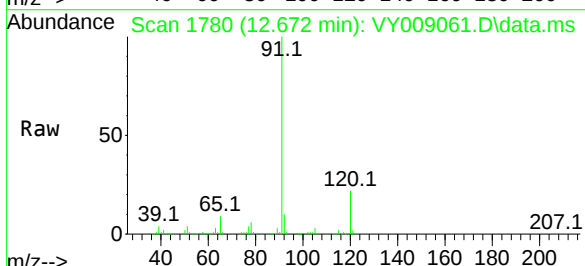
RT: 12.672 min Scan# 1780

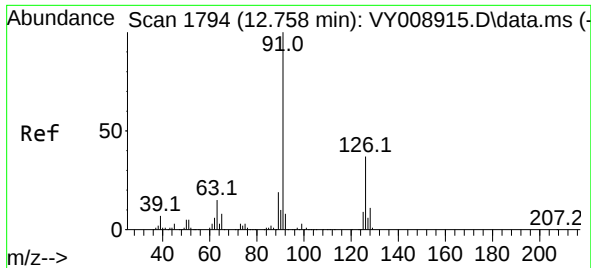
Delta R.T. 0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:	91	Resp:	369250
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9

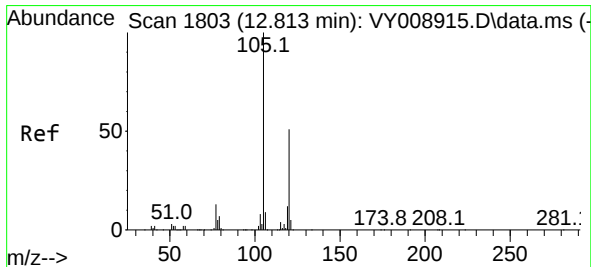
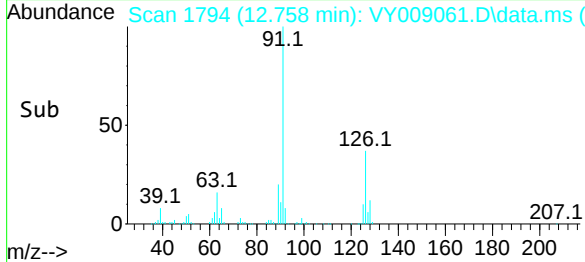
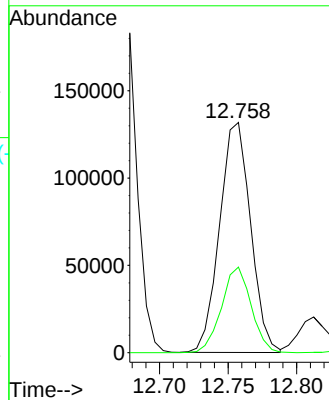
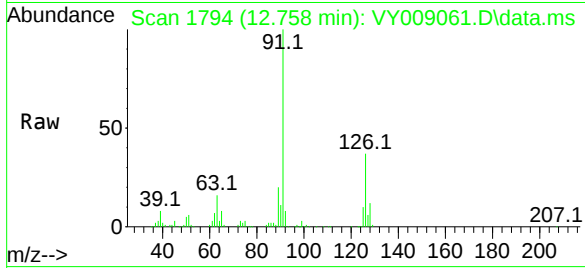




#79
2-Chlorotoluene
Concen: 81.137 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

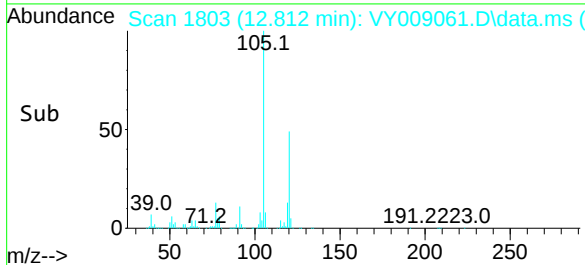
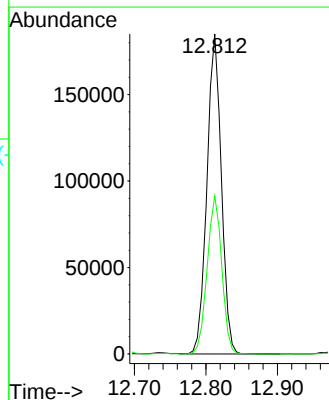
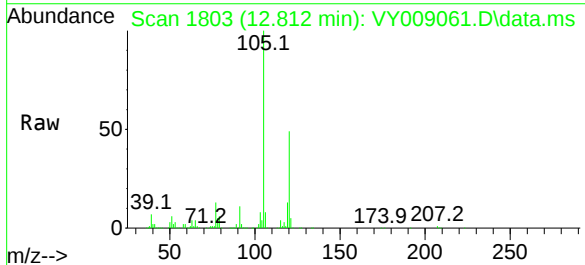
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

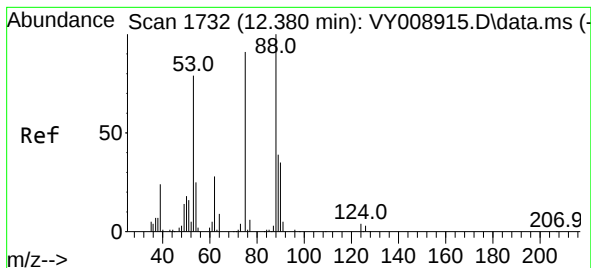
Tgt Ion: 91 Resp: 207672
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 80.669 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 105 Resp: 259686
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

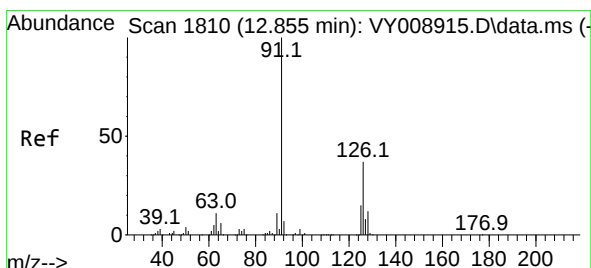
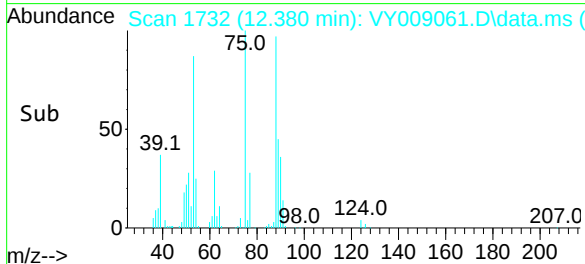
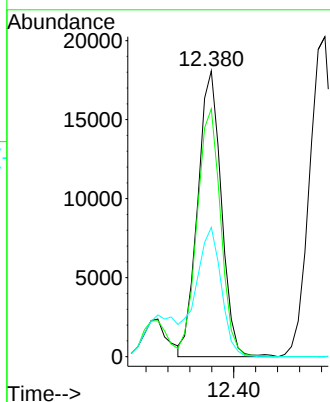
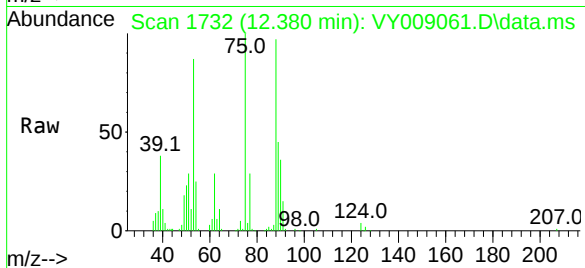




#81
trans-1,4-Dichloro-2-butene
Concen: 100.356 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

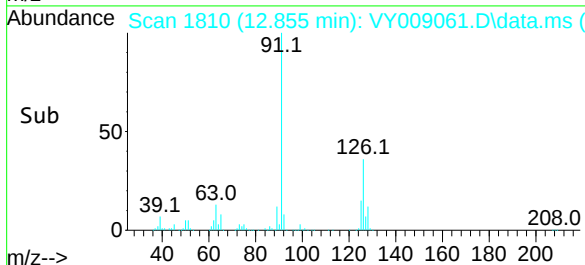
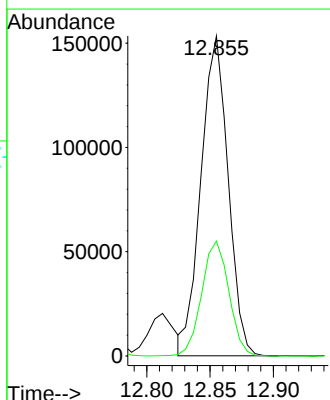
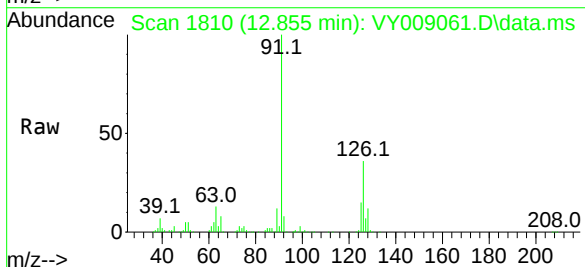
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

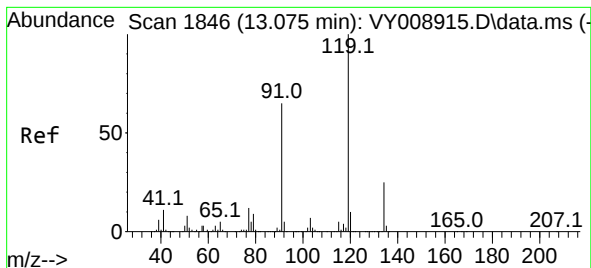
Tgt Ion: 75 Resp: 26969
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 49.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 83.658 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 91 Resp: 229021
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0

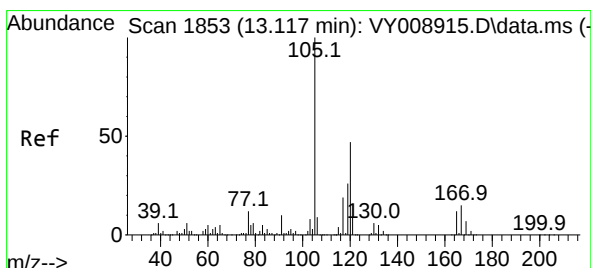
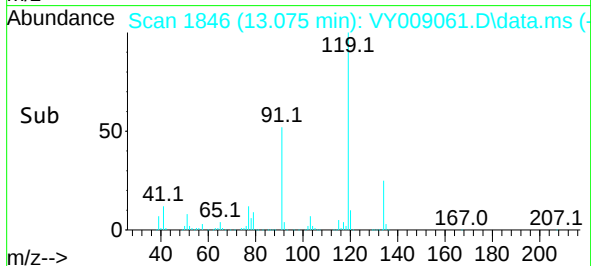
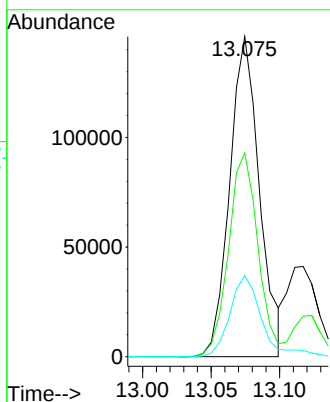
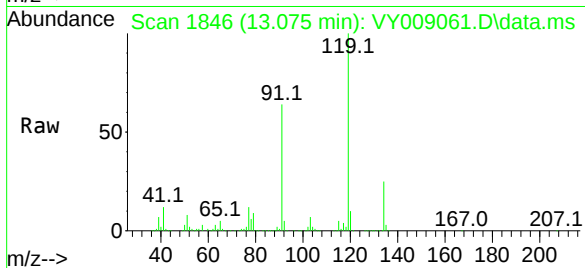




#83
tert-Butylbenzene
Concen: 77.457 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

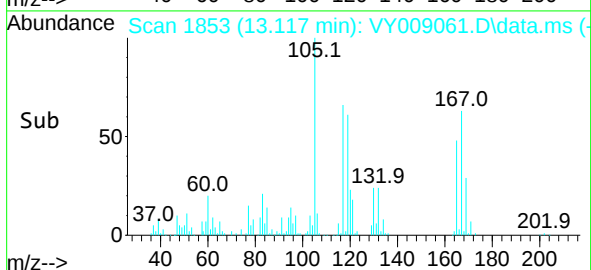
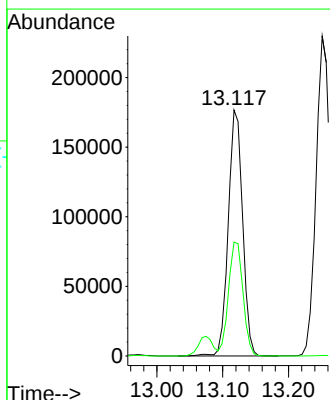
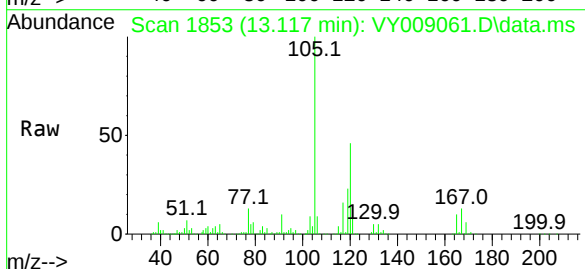
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

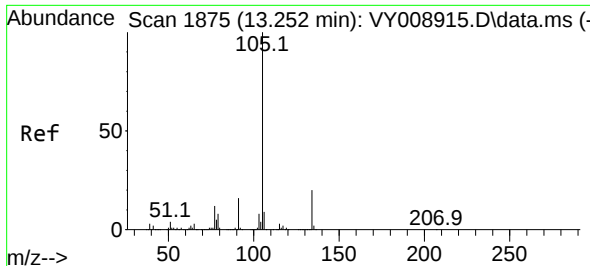
Tgt Ion:119 Resp: 221215
Ion Ratio Lower Upper
119 100
91 62.6 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 83.943 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion:105 Resp: 268253
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9

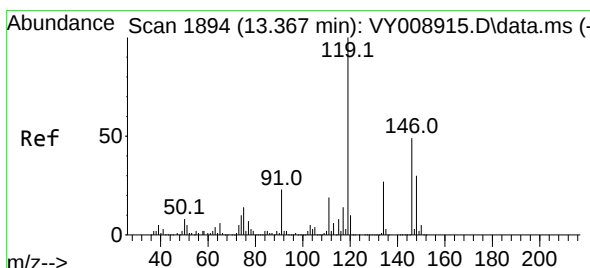
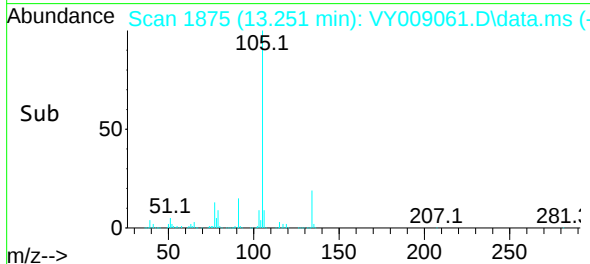
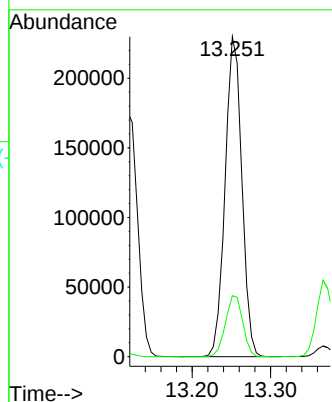
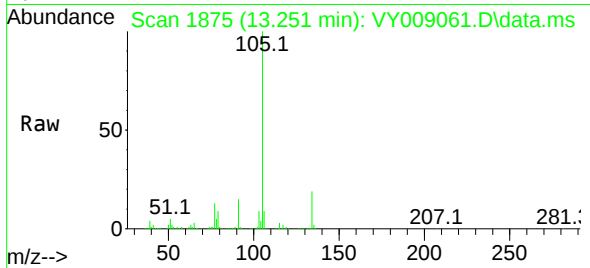




#85
 sec-Butylbenzene
 Concen: 78.216 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

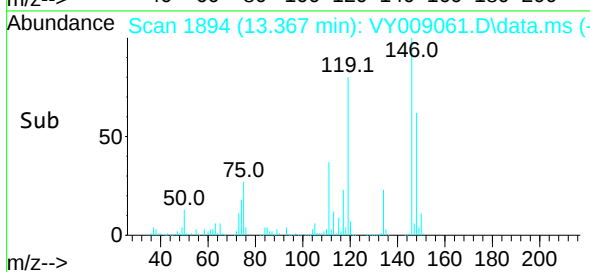
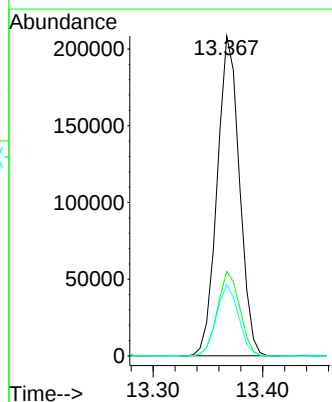
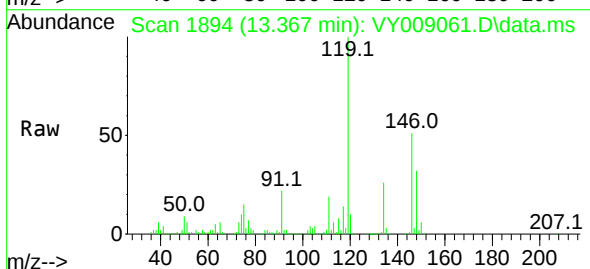
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

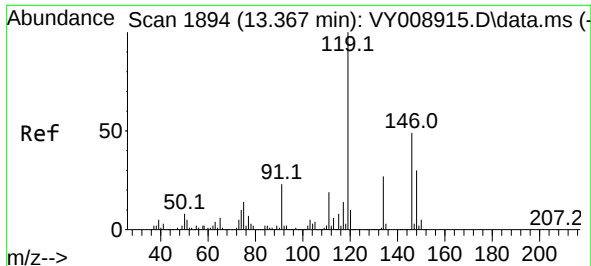
Tgt Ion:105 Resp: 341775
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 80.561 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

Tgt Ion:119 Resp: 293557
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.2 12.4 37.2

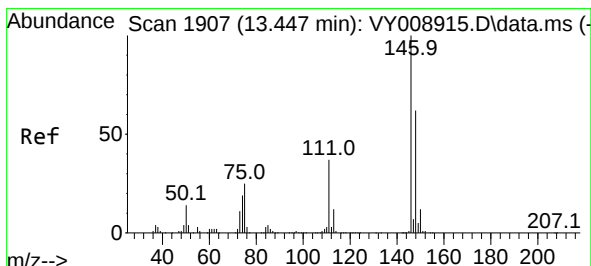
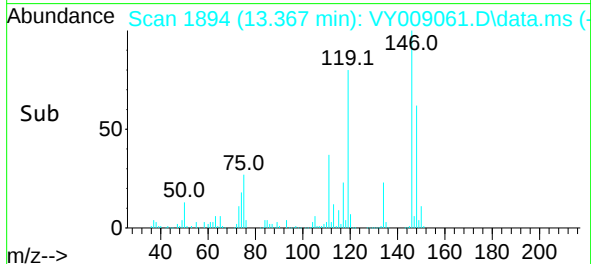
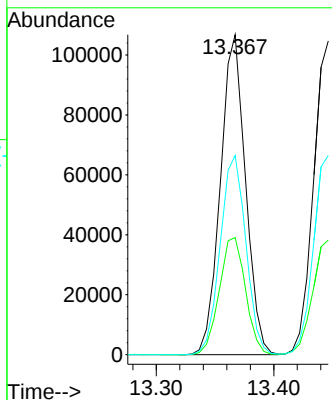
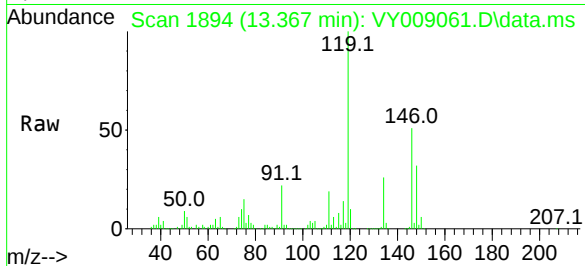




#87
 1,3-Dichlorobenzene
 Concen: 83.519 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

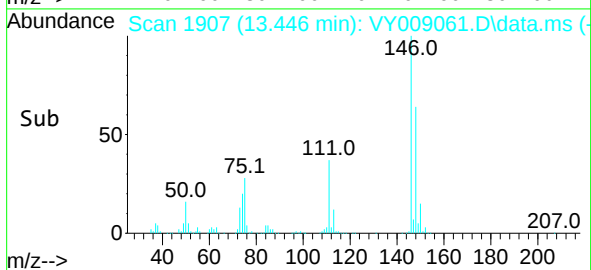
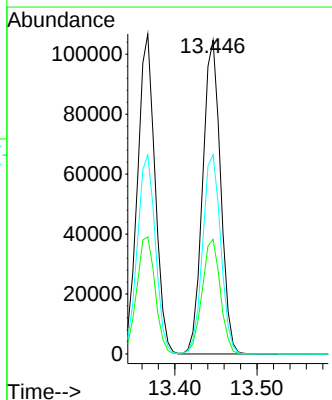
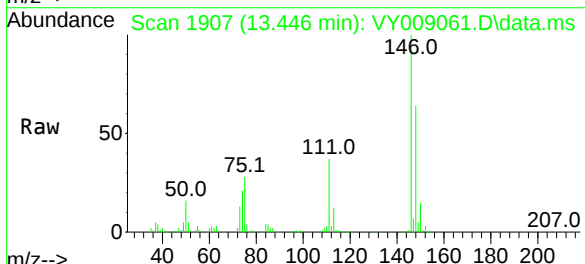
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

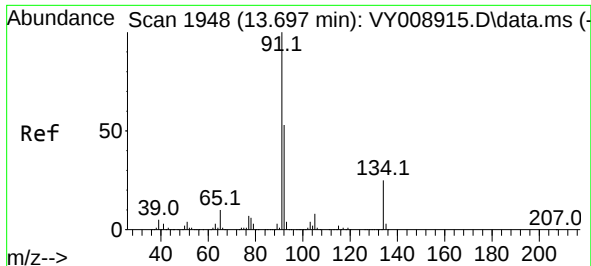
Tgt Ion:146 Resp: 158615
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.5 58.5
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 82.988 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY009061.D
 Acq: 24 May 2022 14:55

Tgt Ion:146 Resp: 158341
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.3 57.8
 148 64.4 32.6 97.8

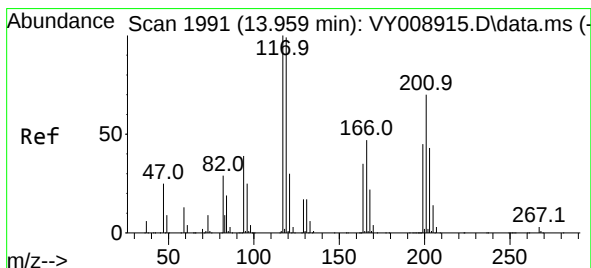
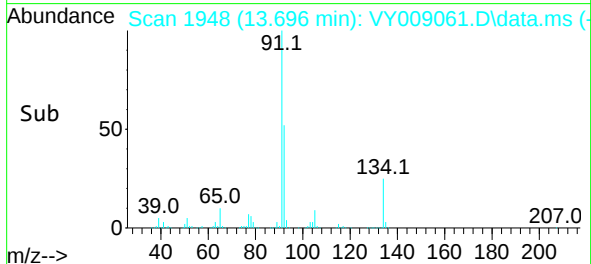
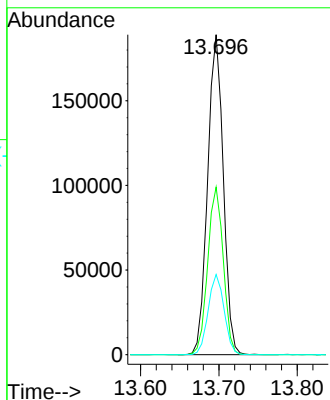
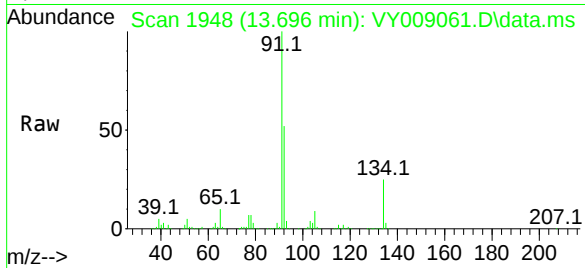




#89
n-Butylbenzene
Concen: 78.637 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

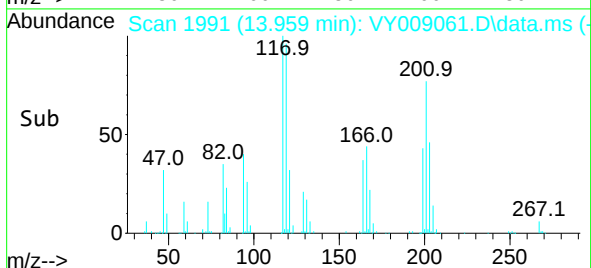
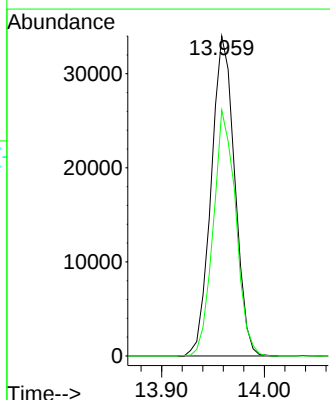
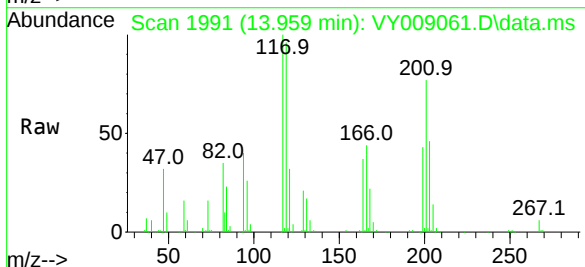
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

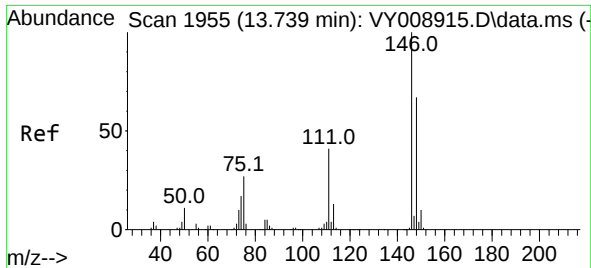
Tgt Ion: 91 Resp: 262146
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 79.056 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion: 117 Resp: 53984
Ion Ratio Lower Upper
117 100
201 73.6 43.0 128.8

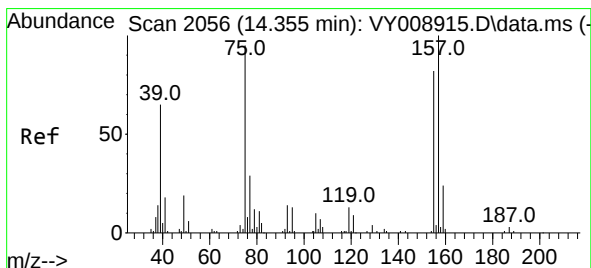
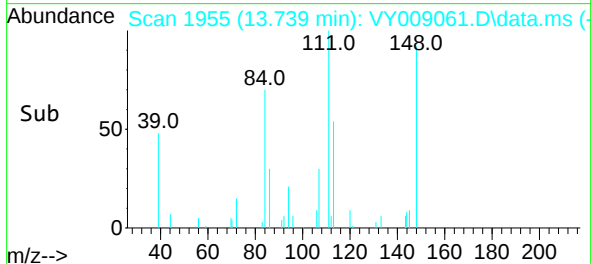
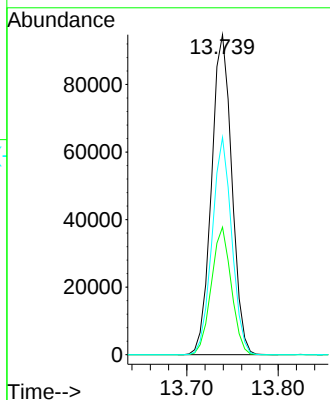
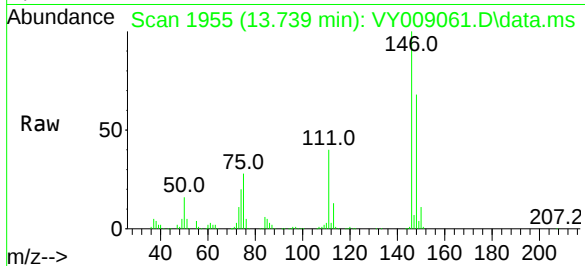




#91
1,2-Dichlorobenzene
Concen: 87.239 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

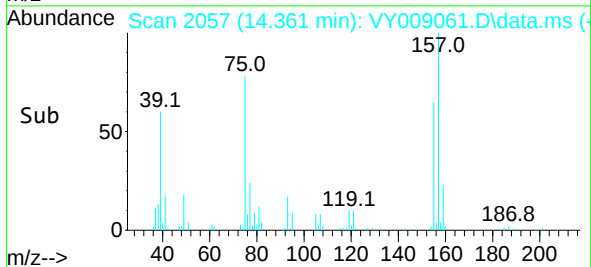
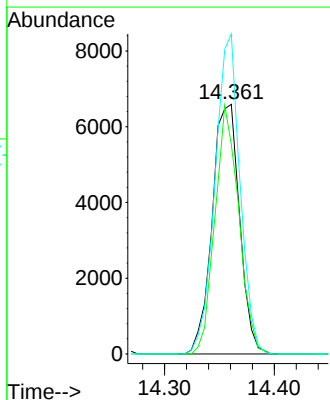
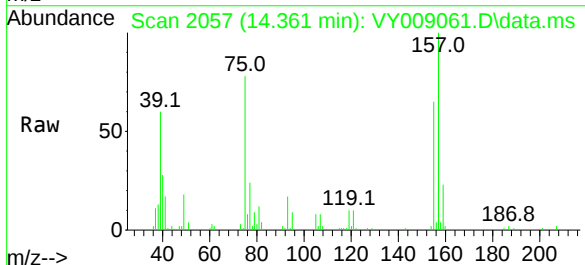
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

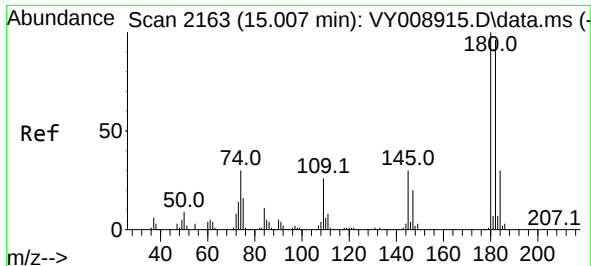
Tgt Ion:	146	Resp:	146250
Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	65.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 93.040 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion:	75	Resp:	11428
Ion	Ratio	Lower	Upper
75	100		
155	86.7	38.0	113.9
157	117.2	47.8	143.3

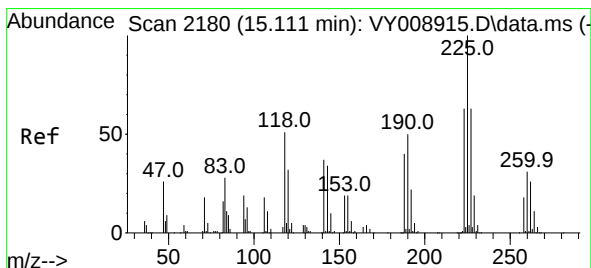
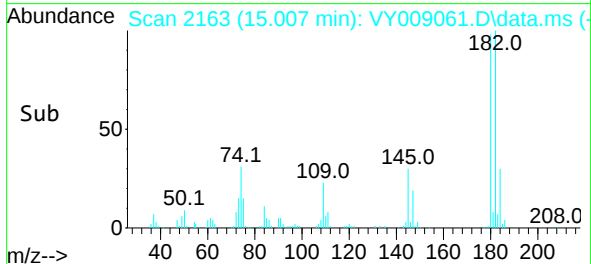
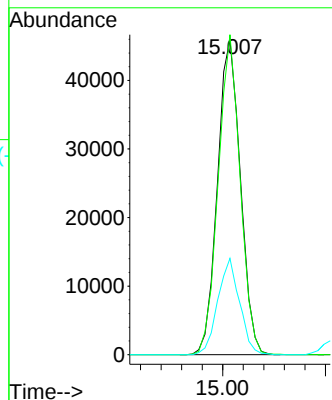
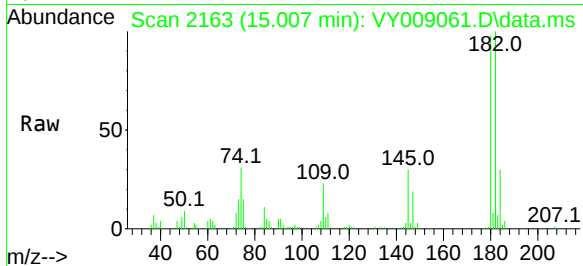




#93
1,2,4-Trichlorobenzene
Concen: 77.244 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

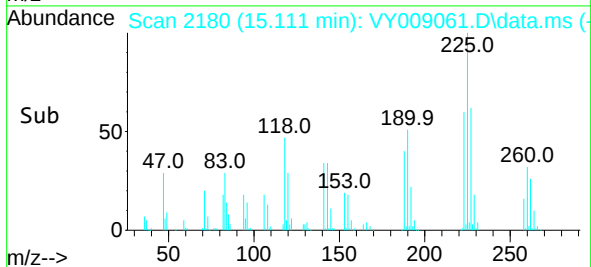
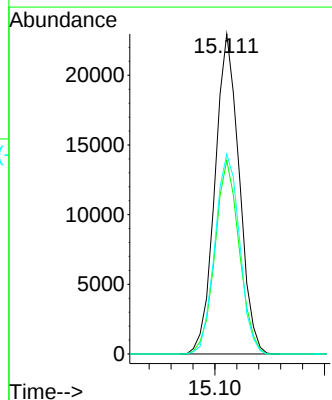
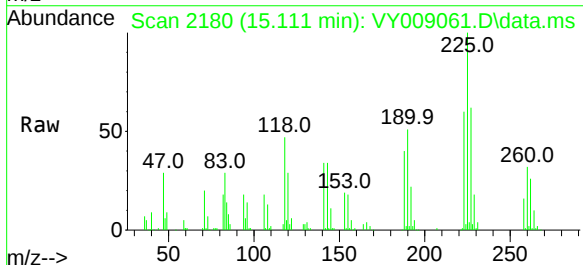
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MS

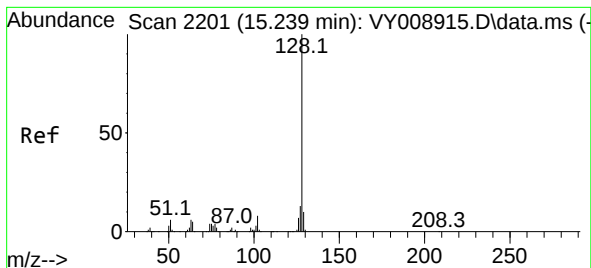
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	141.9
145	29.0	14.6	43.8



#94
Hexachlorobutadiene
Concen: 70.387 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009061.D
Acq: 24 May 2022 14:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.8	92.3
227	63.5	31.6	94.7





#95

Naphthalene

Concen: 89.317 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009061.D

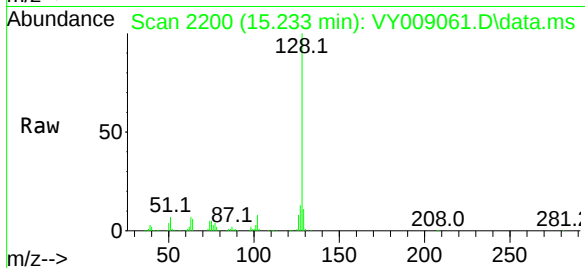
Acq: 24 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MS



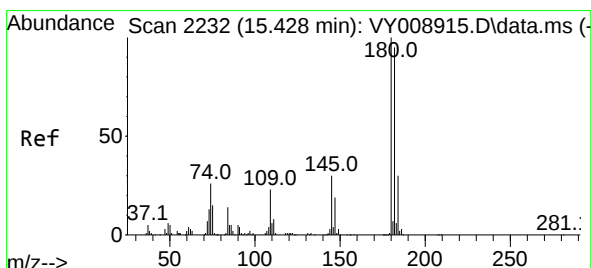
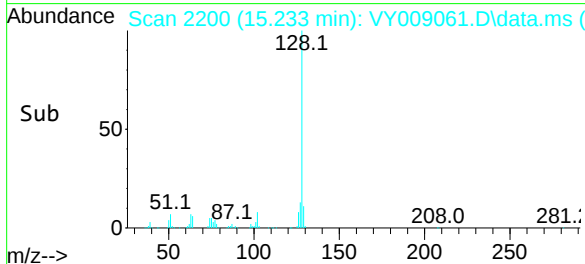
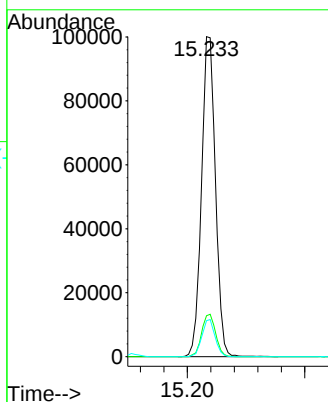
Tgt Ion:128 Resp: 165084

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 80.568 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009061.D

Acq: 24 May 2022 14:55

Tgt Ion:180 Resp: 64415

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 30.9 15.3 45.9

