

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008962.D
 Acq On : 21 May 2022 20:07
 Operator : KP/MD
 Sample : N2919-02MS
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

Quant Time: May 21 21:32:46 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	66626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29658	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34617	50.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.716	113	35470	49.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.200%	
50) Toluene-d8	10.173	98	97273	36.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.000%	
62) 4-Bromofluorobenzene	12.477	95	31579	29.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 58.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37256	61.138	ug/l	98
3) Chloromethane	2.107	50	67205	76.981	ug/l	95
4) Vinyl Chloride	2.241	62	106541	82.374	ug/l	100
5) Bromomethane	2.643	94	61286	48.339	ug/l	99
6) Chloroethane	2.784	64	72541	79.168	ug/l	94
7) Trichlorofluoromethane	3.119	101	63005	57.362	ug/l	92
8) Diethyl Ether	3.521	74	23074	67.183	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	32159	47.639	ug/l	95
10) Methyl Iodide	4.082	142	15068	21.616	ug/l	92
11) Tert butyl alcohol	4.954	59	17796	255.864	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	36850	58.803	ug/l	88
14) Allyl chloride	4.466	41	49125	52.017	ug/l #	87
15) Acrylonitrile	5.155	53	42725	222.180	ug/l	96
16) Acetone	3.942	43	40235	281.888	ug/l #	89
17) Carbon Disulfide	4.186	76	109552	53.510	ug/l	100
18) Methyl Acetate	4.466	43	56037	126.076	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	118808	63.164	ug/l	96
20) Methylene Chloride	4.710	84	50484	65.872	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	45948	57.125	ug/l	87
22) Diisopropyl ether	6.112	45	128776	56.757	ug/l #	91
23) Vinyl Acetate	6.112	43	69607	46.379	ug/l #	77
24) 1,1-Dichloroethane	6.009	63	81386	59.972	ug/l	99
25) 2-Butanone	6.978	43	65572	257.207	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	62005	49.601	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	52094	57.453	ug/l	87
28) Bromochloromethane	7.326	49	29252	62.800	ug/l #	91
29) Tetrahydrofuran	7.338	42	47609	274.919	ug/l #	85
30) Chloroform	7.502	83	85294	58.225	ug/l	96
31) Cyclohexane	7.777	56	45257	33.737	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	69428	52.240	ug/l	98
36) 1,1-Dichloropropene	7.911	75	55967	45.525	ug/l	98
37) Ethyl Acetate	6.978	43	65572	102.825	ug/l #	1
38) Carbon Tetrachloride	7.893	117	57285	44.544	ug/l	94
39) Methylcyclohexane	9.179	83	32775	20.654	ug/l	90
40) Benzene	8.155	78	190587	53.762	ug/l	100
41) Methacrylonitrile	7.344	41	39701	120.644	ug/l #	41

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	60021	57.659	ug/l	94
43) Isopropyl Acetate	8.271	43	6234	5.257	ug/l #	64
44) Trichloroethene	8.935	130	43324	46.156	ug/l	99
45) 1,2-Dichloropropane	9.209	63	47319	55.590	ug/l	93
46) Dibromomethane	9.301	93	30705	56.730	ug/l	92
47) Bromodichloromethane	9.490	83	64109	51.827	ug/l	97
48) Methyl methacrylate	9.289	41	30176	56.993	ug/l	87
49) 1,4-Dioxane	9.295	88	7756	1071.971	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	168008	256.018	ug/l	92
52) Toluene	10.240	92	110731	44.697	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	55317	42.112	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	54794	38.802	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	37707	49.796	ug/l	98
56) Ethyl methacrylate	10.508	69	1954	2.018	ug/l #	66
57) 1,3-Dichloropropane	10.788	76	65136	52.732	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	112740	269.174	ug/l	95
59) 2-Hexanone	10.831	43	84124	187.231	ug/l	91
60) Dibromochloromethane	10.983	129	42966	46.808	ug/l	97
61) 1,2-Dibromoethane	11.087	107	34589	46.096	ug/l	99
64) Tetrachloroethene	10.715	164	29283	42.806	ug/l	98
65) Chlorobenzene	11.514	112	100361	46.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	41881	53.021	ug/l	98
67) Ethyl Benzene	11.587	91	166816	42.910	ug/l	100
68) m/p-Xylenes	11.697	106	131013	83.016	ug/l	92
69) o-Xylene	12.026	106	65109	44.427	ug/l	89
70) Styrene	12.044	104	107857	42.796	ug/l	95
71) Bromoform	12.209	173	23801	45.455	ug/l #	98
73) Isopropylbenzene	12.325	105	127616	57.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	42114	92.188	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	46823	147.015	ug/l #	100
77) Bromobenzene	12.605	156	35750	69.543	ug/l	97
78) n-propylbenzene	12.666	91	132558	51.736	ug/l	100
79) 2-Chlorotoluene	12.758	91	80816	54.682	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	90827	48.863	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	9307	59.979	ug/l	90
82) 4-Chlorotoluene	12.849	91	81459	51.532	ug/l	96
83) tert-Butylbenzene	13.075	119	71020	43.066	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	90053	48.803	ug/l	97
85) sec-Butylbenzene	13.251	105	82554	32.719	ug/l	99
86) p-Isopropyltoluene	13.367	119	47041	22.357	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	45601	41.584	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	47531	43.143	ug/l	98
89) n-Butylbenzene	13.696	91	38428	19.964	ug/l	99
90) Hexachloroethane	13.959	117	12645	32.070	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	40206	41.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	5207	73.417	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	8796	16.557	ug/l	96
94) Hexachlorobutadiene	15.111	225	2725	9.411	ug/l	100
95) Naphthalene	15.233	128	29597	27.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	6556	14.201	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_Y

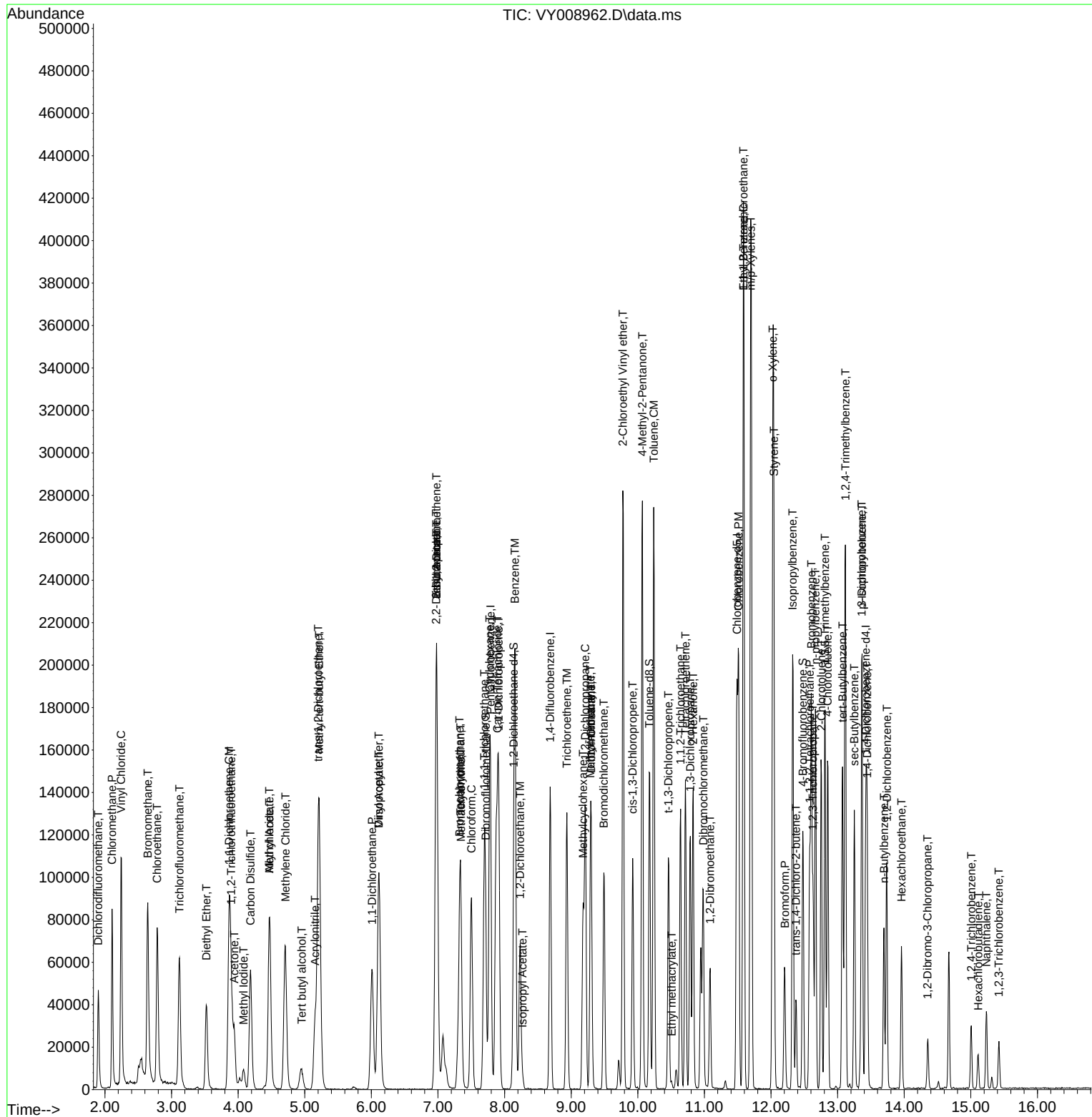
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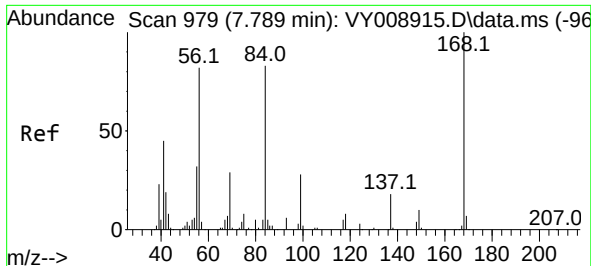
P015-SS002-0006-01MS

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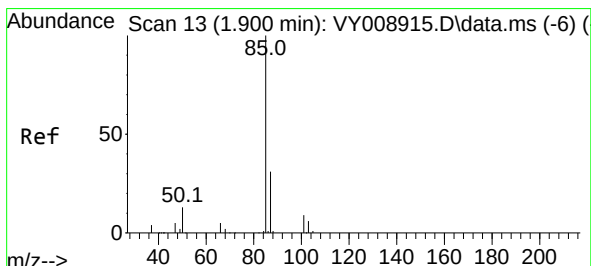
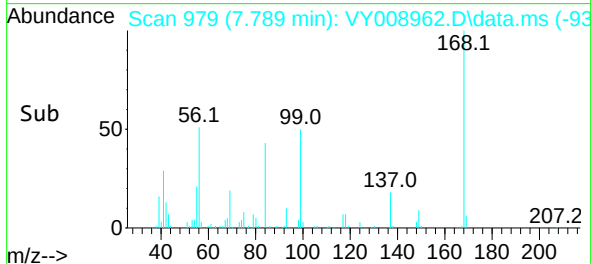
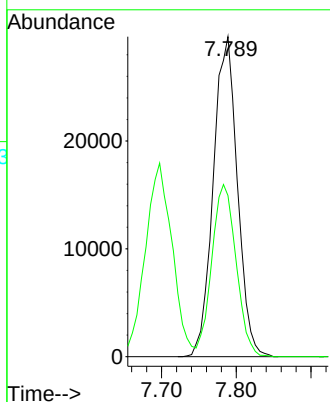
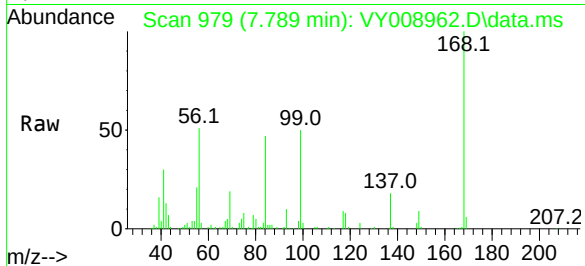




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

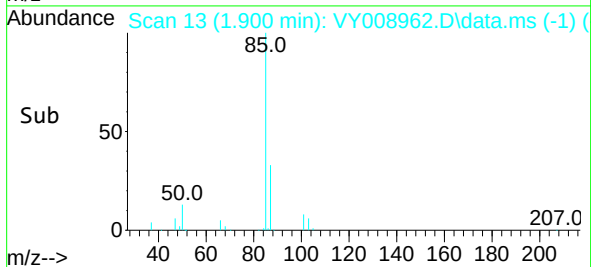
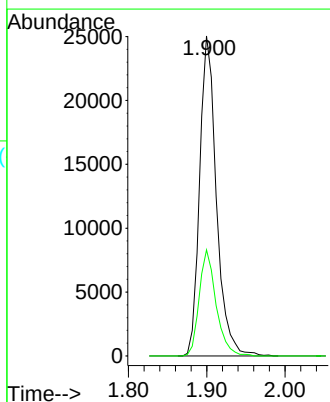
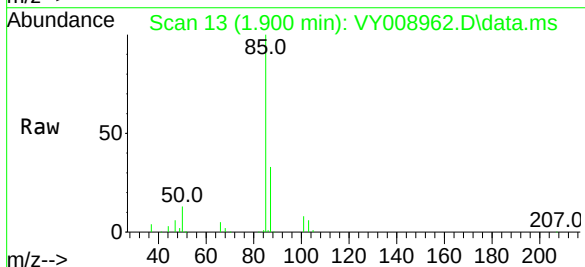
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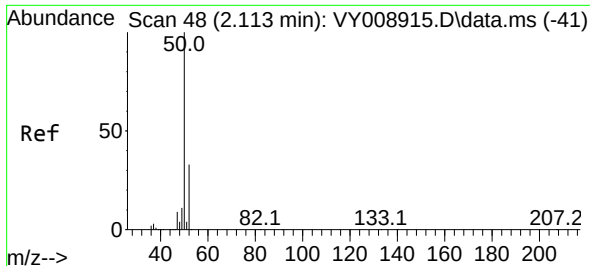
Tgt Ion:168 Resp: 66626
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 61.138 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 85 Resp: 37256
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

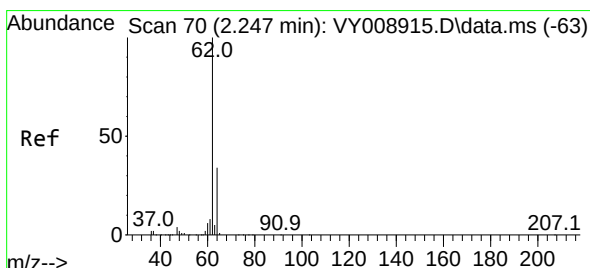
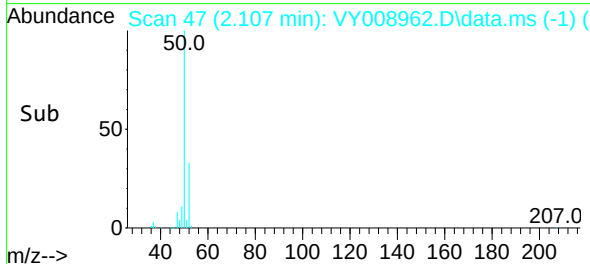
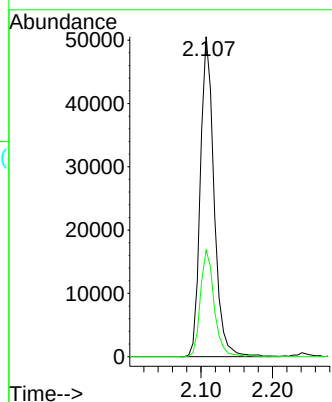
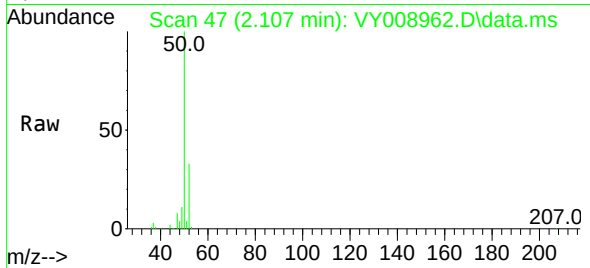




#3
Chloromethane
Concen: 76.981 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

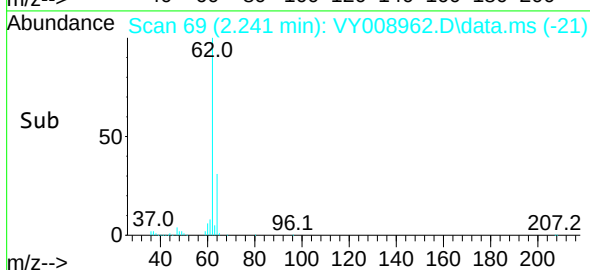
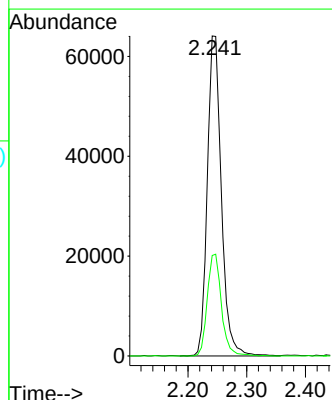
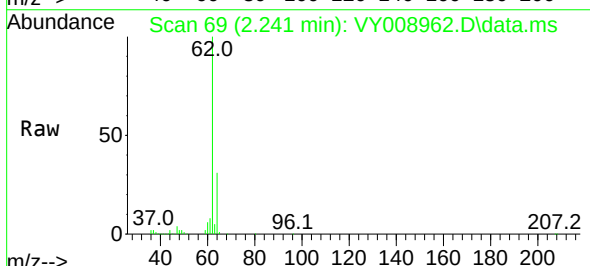
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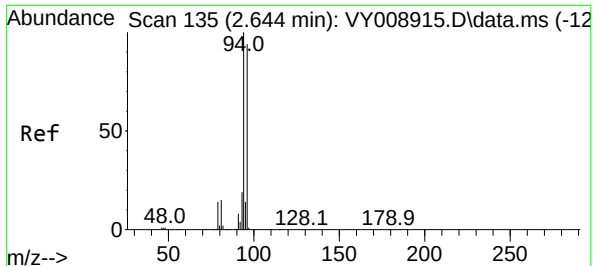
Tgt Ion: 50 Resp: 67205
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 82.374 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 62 Resp: 106541
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6

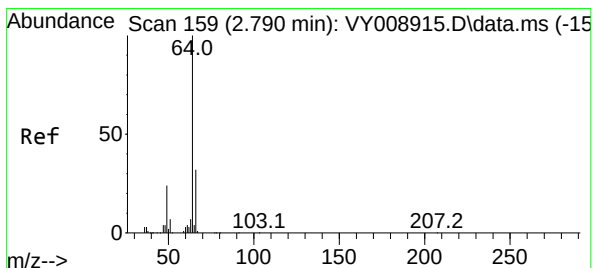
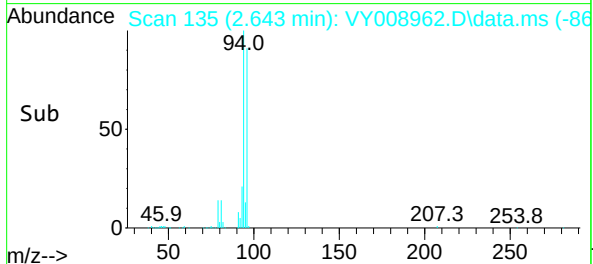
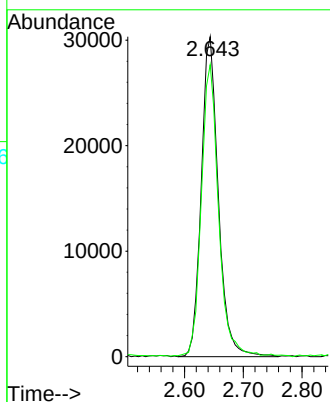
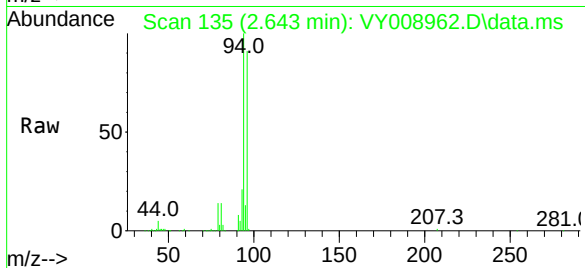




#5
Bromomethane
Concen: 48.339 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

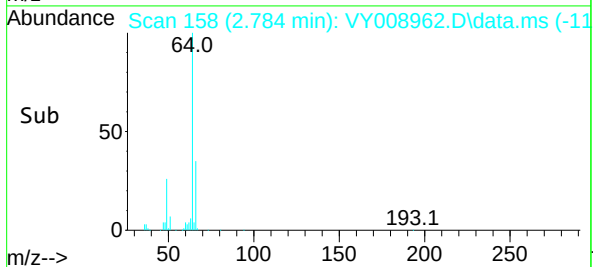
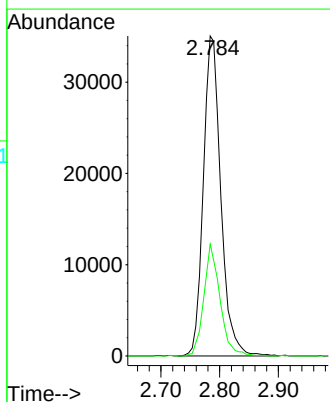
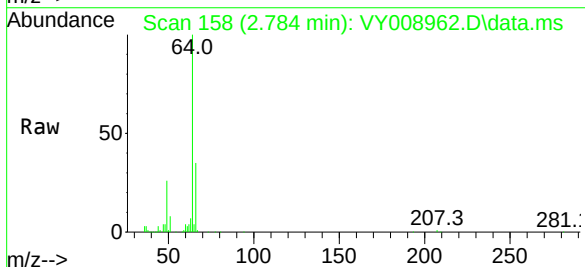
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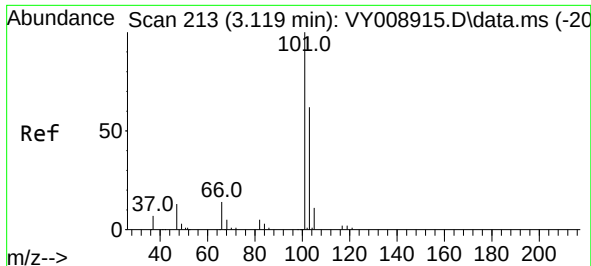
Tgt Ion: 94 Resp: 61286
Ion Ratio Lower Upper
94 100
96 90.9 73.5 110.3



#6
Chloroethane
Concen: 79.168 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 64 Resp: 72541
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.0

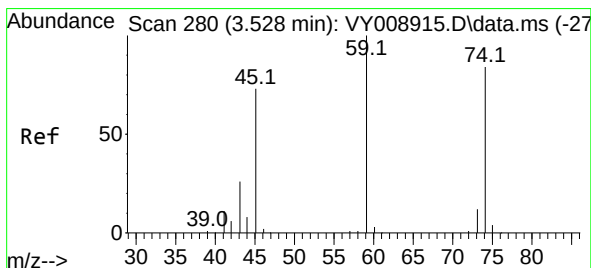
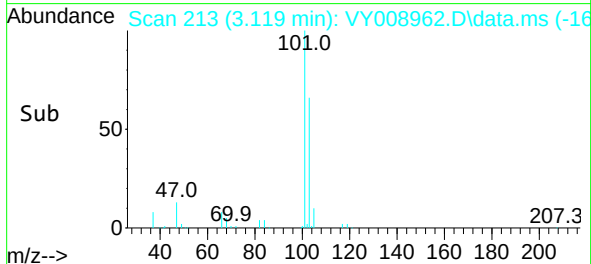
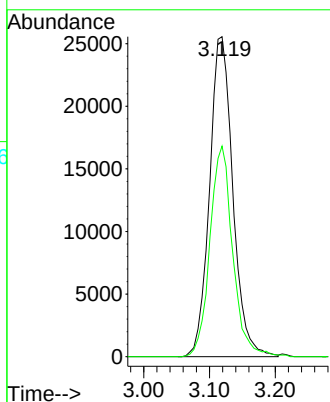
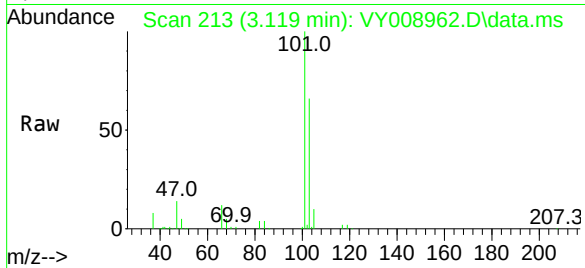




#7
 Trichlorofluoromethane
 Concen: 57.362 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

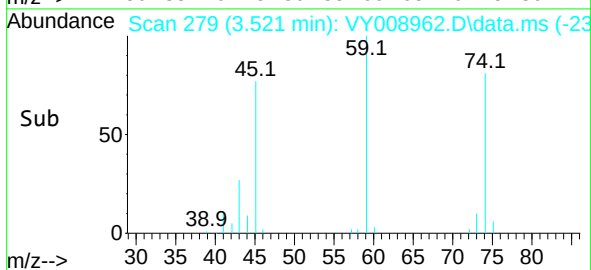
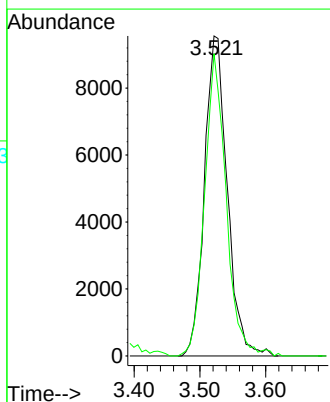
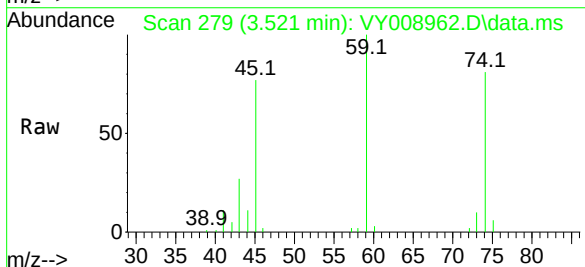
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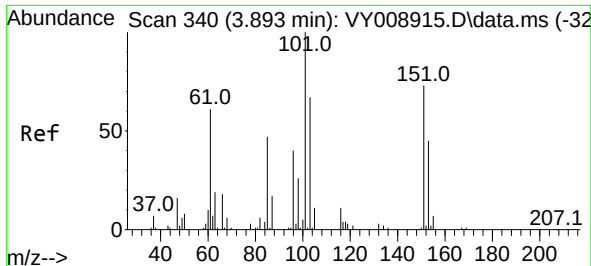
Tgt Ion:101 Resp: 63005
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 67.183 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion: 74 Resp: 23074
 Ion Ratio Lower Upper
 74 100
 45 89.3 55.1 165.5

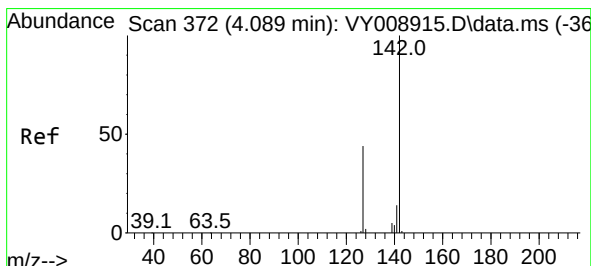
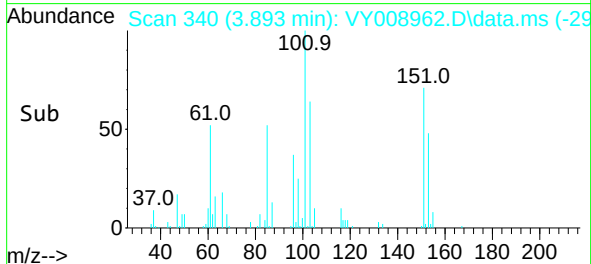
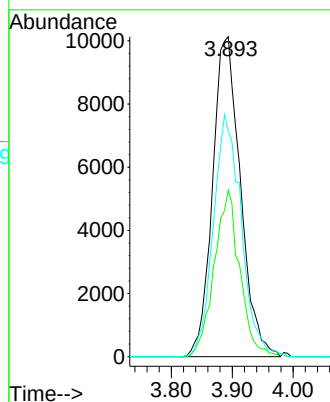
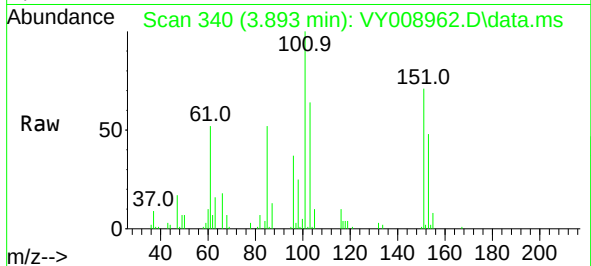




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.639 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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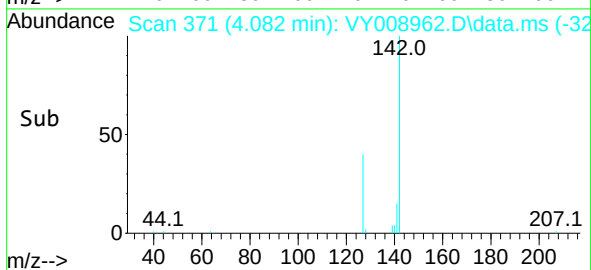
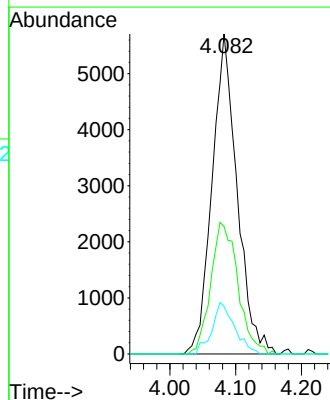
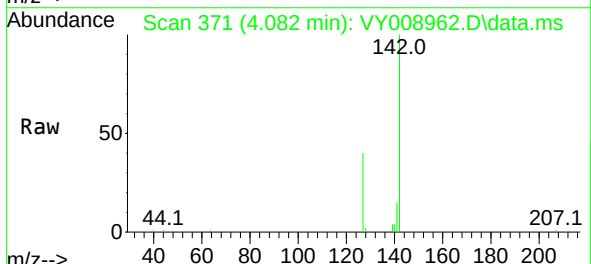
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MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

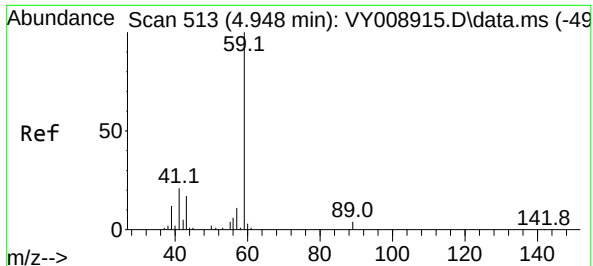
Tgt Ion:101 Resp: 32159
Ion Ratio Lower Upper
101 100
85 47.8 40.6 60.8
151 75.9 64.9 97.3



#10
Methyl Iodide
Concen: 21.616 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:142 Resp: 15068
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 14.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 255.864 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

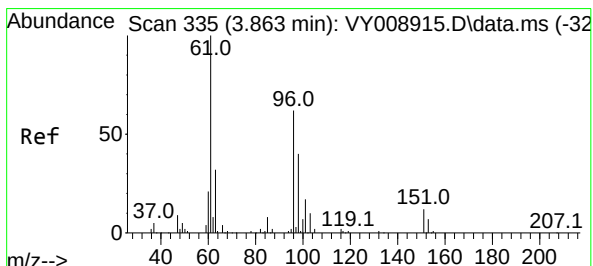
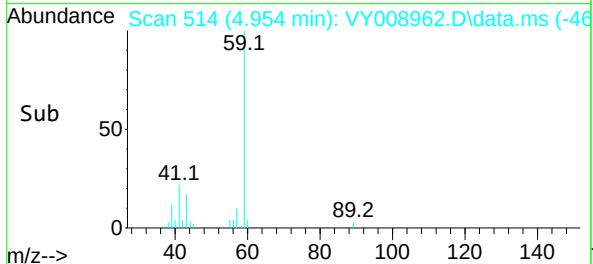
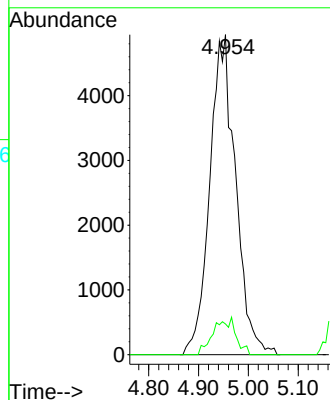
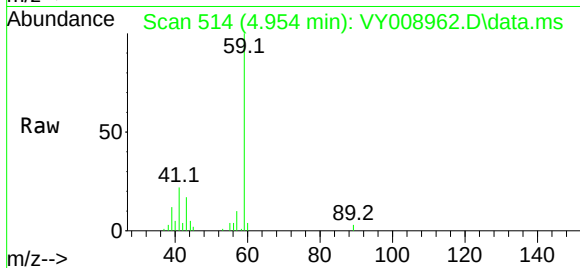
P015-SS002-0006-01MS

Tgt Ion: 59 Resp: 17796

Ion Ratio Lower Upper

59 100

57 10.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 58.803 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

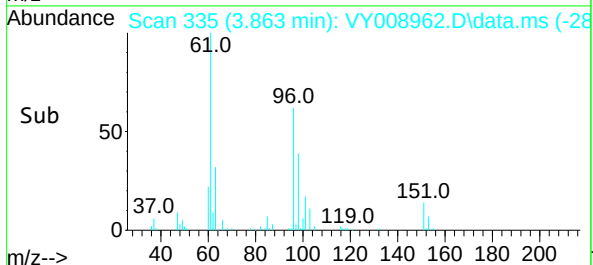
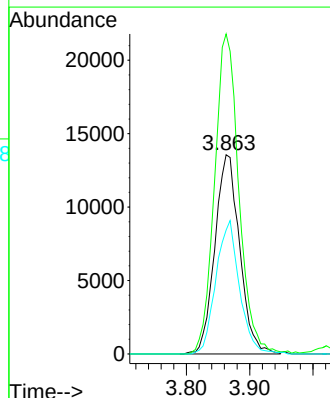
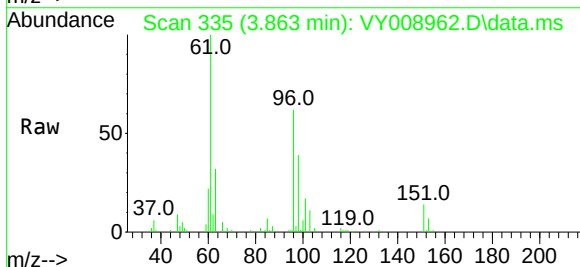
Tgt Ion: 96 Resp: 36850

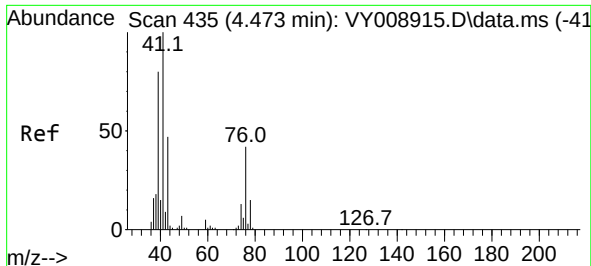
Ion Ratio Lower Upper

96 100

61 160.6 145.8 218.6

98 62.1 52.5 78.7

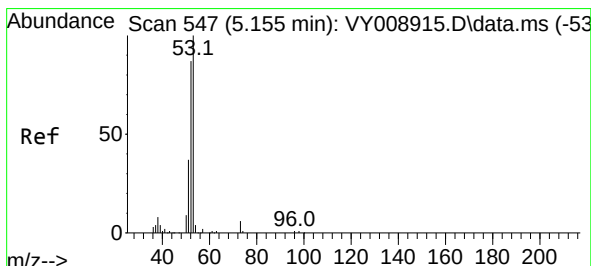
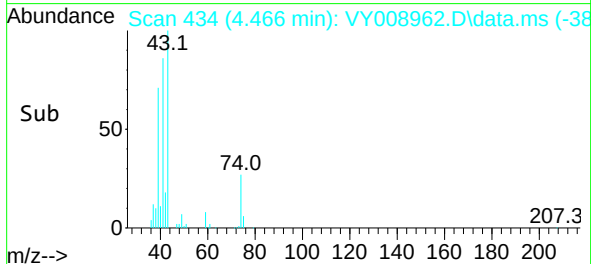
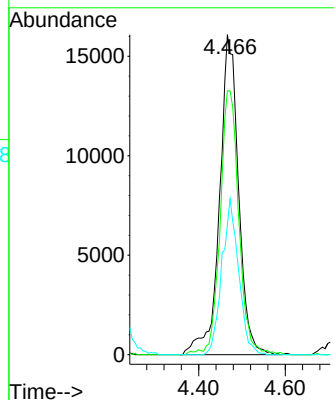
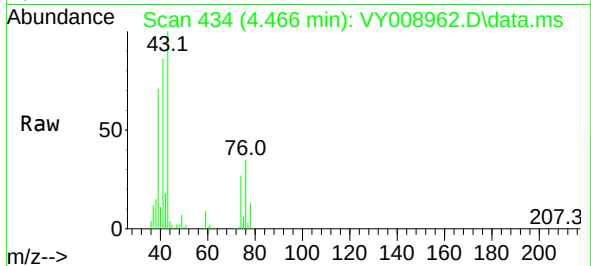




#14
 Allyl chloride
 Concen: 52.017 ug/l
 RT: 4.466 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

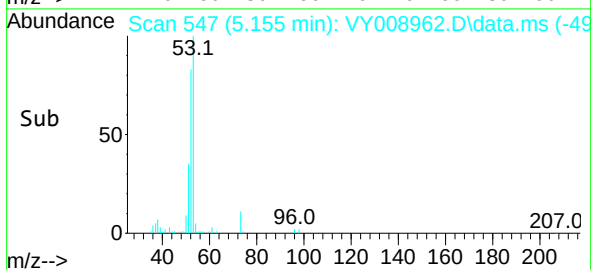
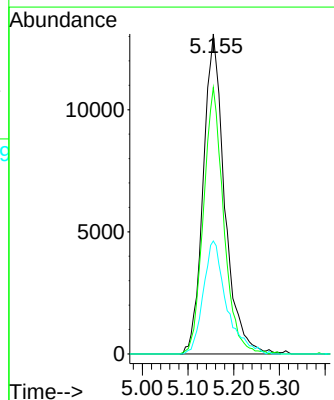
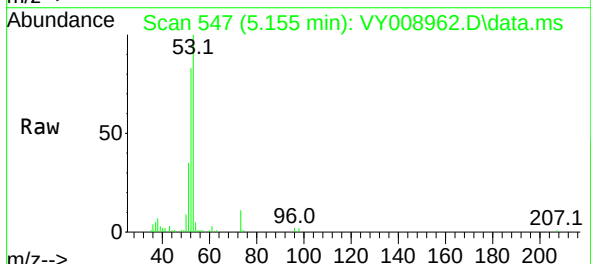
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

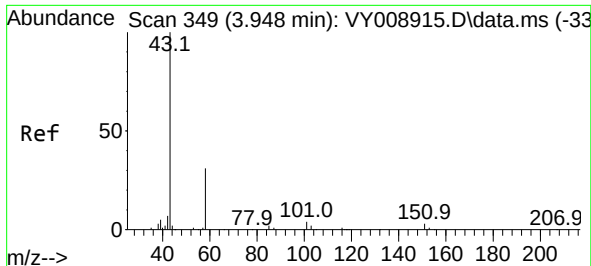
Tgt Ion: 41 Resp: 49125
 Ion Ratio Lower Upper
 41 100
 39 81.2 58.8 88.2
 76 43.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 222.180 ug/l
 RT: 5.155 min Scan# 547
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion: 53 Resp: 42725
 Ion Ratio Lower Upper
 53 100
 52 78.6 67.0 100.4
 51 38.0 29.8 44.6

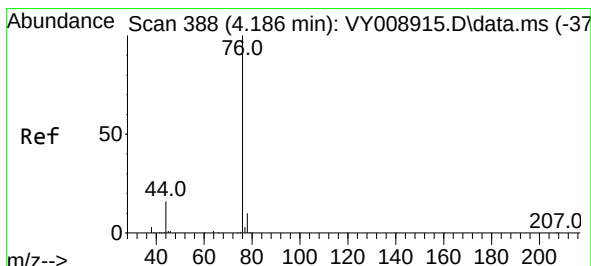
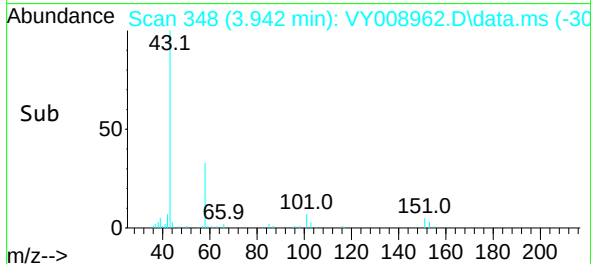
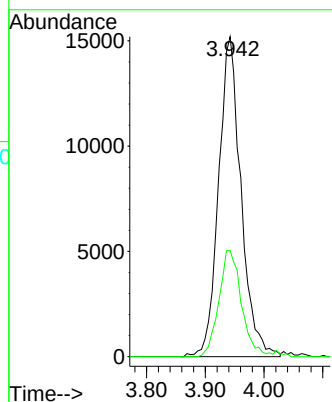
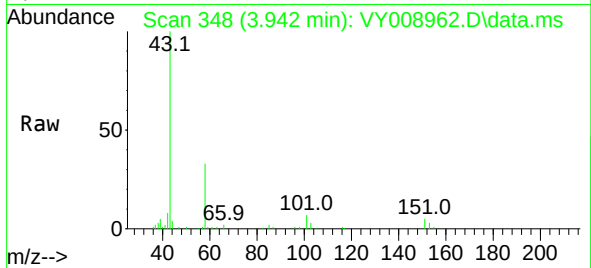




#16
Acetone
Concen: 281.888 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

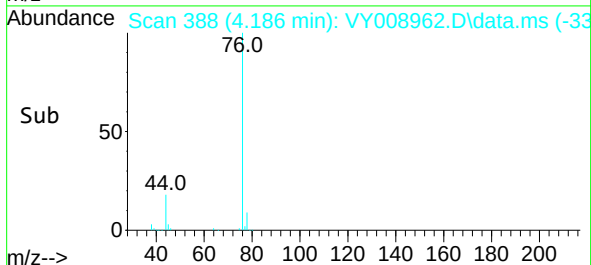
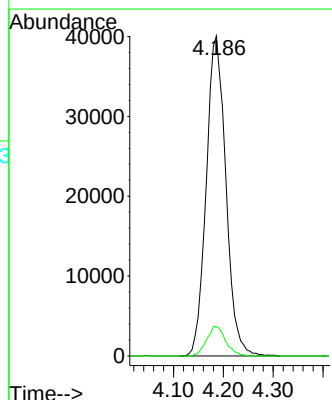
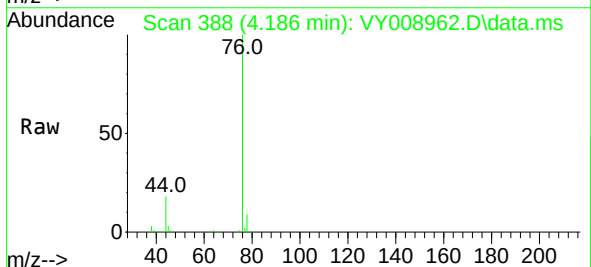
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

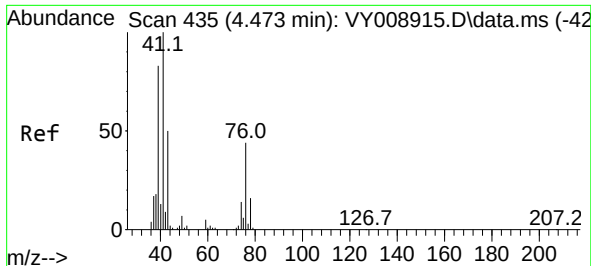
Tgt Ion: 43 Resp: 40235
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#



#17
Carbon Disulfide
Concen: 53.510 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 76 Resp: 109552
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

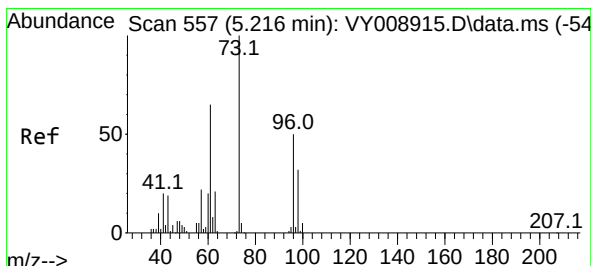
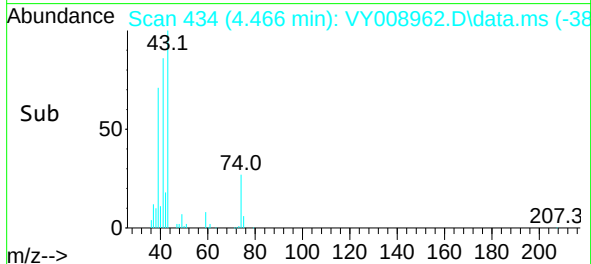
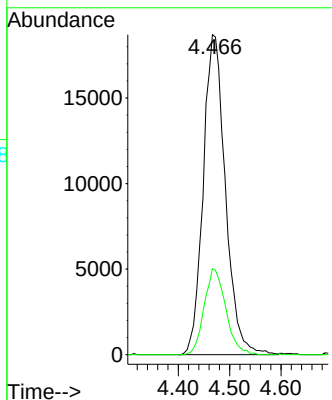
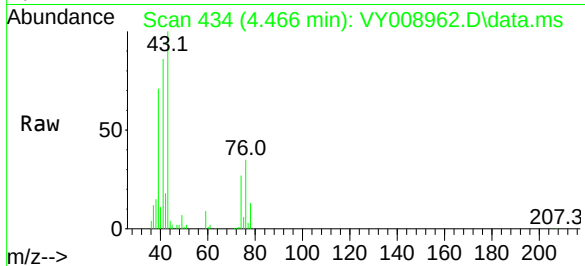




#18
Methyl Acetate
Concen: 126.076 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

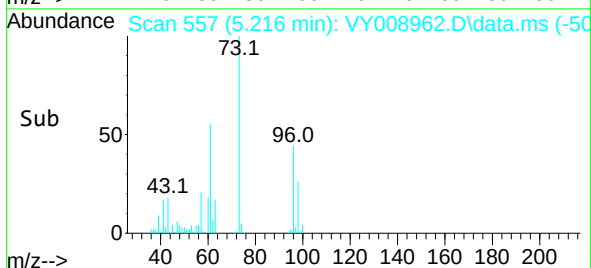
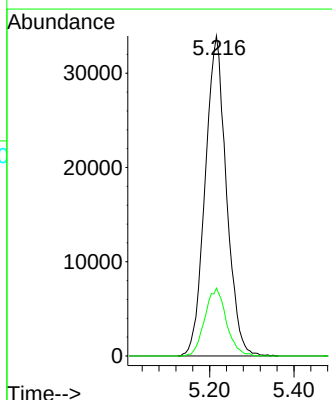
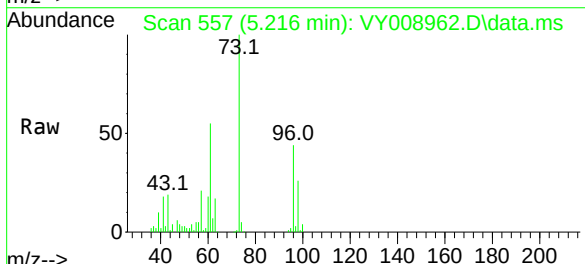
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

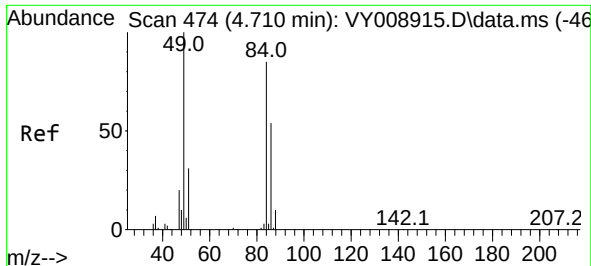
Tgt Ion: 43 Resp: 56037
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#



#19
Methyl tert-butyl Ether
Concen: 63.164 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 73 Resp: 118808
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8





#20

Methylene Chloride

Concen: 65.872 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008962.D

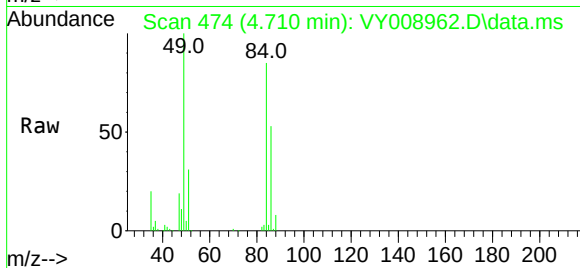
Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS



Tgt Ion: 84 Resp: 50484

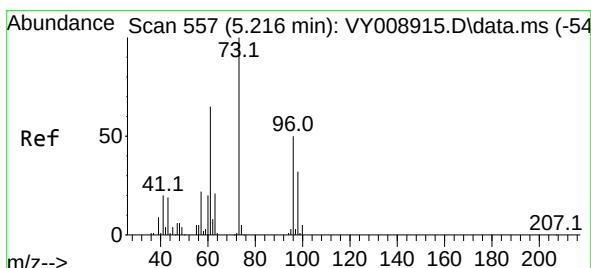
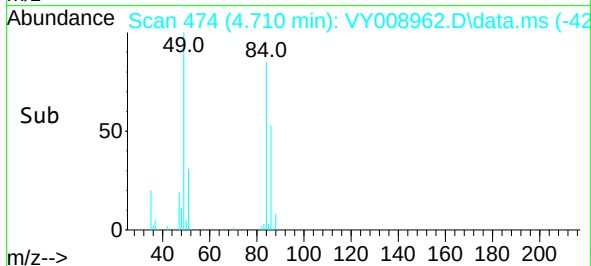
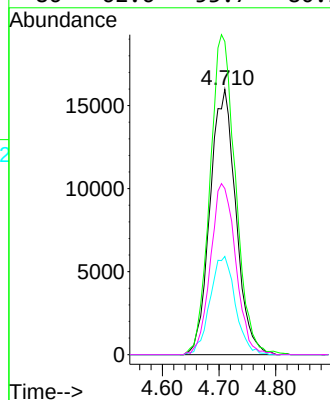
Ion Ratio Lower Upper

84 100

49 118.0 114.4 171.6

51 37.1 35.3 52.9

86 62.6 53.7 80.5



#21

trans-1,2-Dichloroethene

Concen: 57.125 ug/l

RT: 5.204 min Scan# 555

Delta R.T. -0.012 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

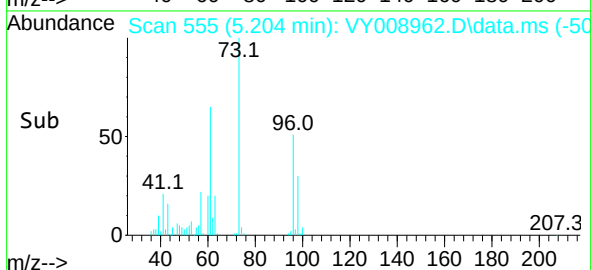
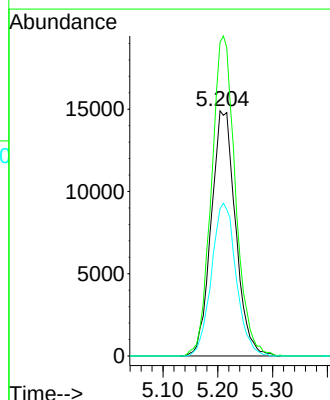
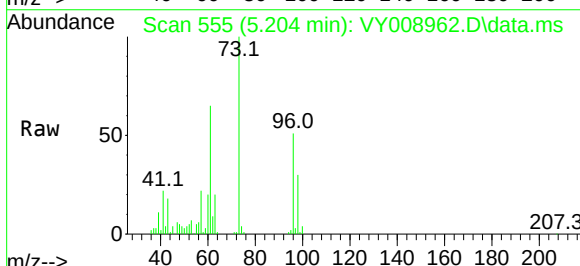
Tgt Ion: 96 Resp: 45948

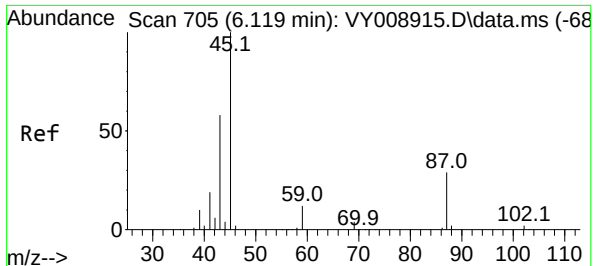
Ion Ratio Lower Upper

96 100

61 128.0 120.5 180.7

98 60.0 49.8 74.8

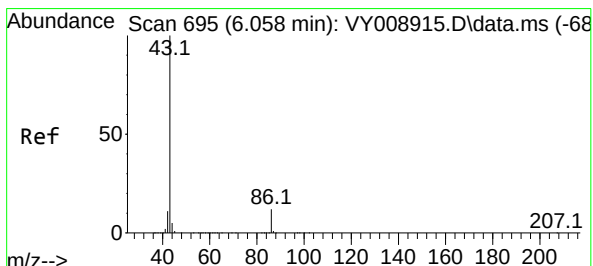
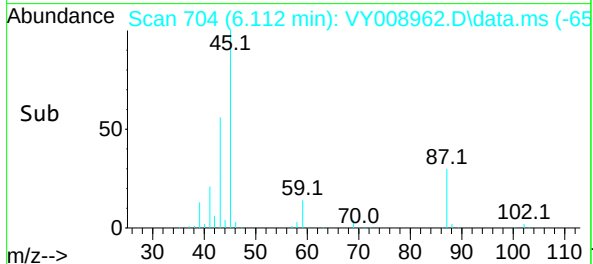
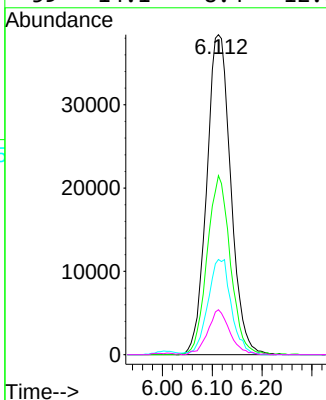
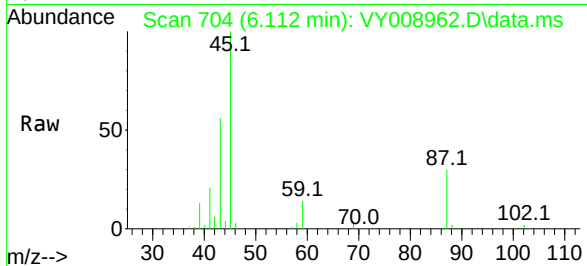




#22
Diisopropyl ether
Concen: 56.757 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

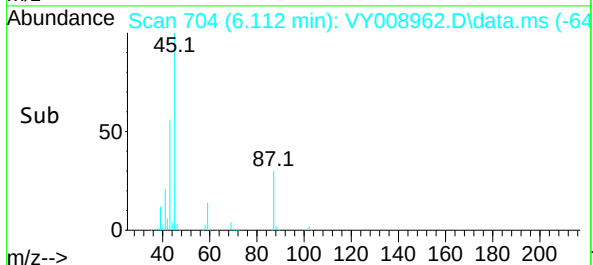
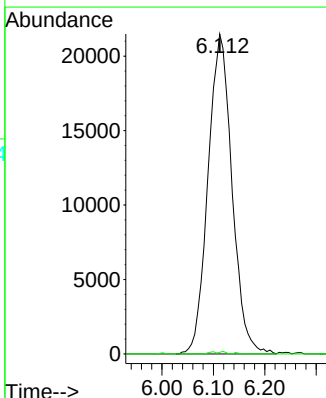
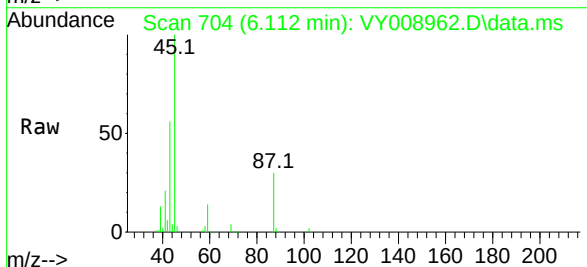
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

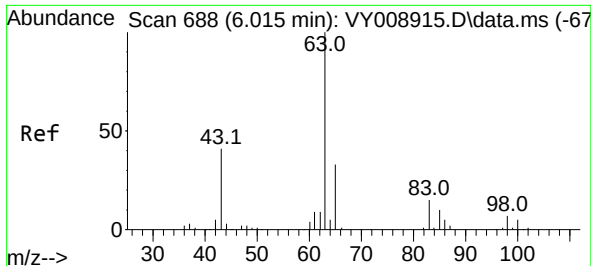
Tgt Ion:	45	Resp:	128776
Ion	Ratio	Lower	Upper
45	100		
43	55.9	49.3	73.9
87	29.7	19.2	28.8#
59	14.1	8.4	12.6#



#23
Vinyl Acetate
Concen: 46.379 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.054 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:	43	Resp:	69607
Ion	Ratio	Lower	Upper
43	100		
86	0.5	7.1	10.7#

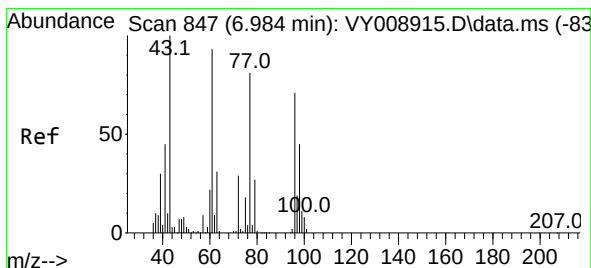
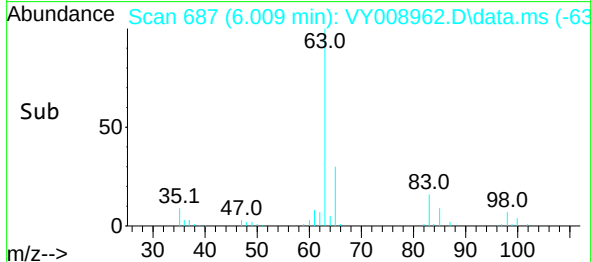
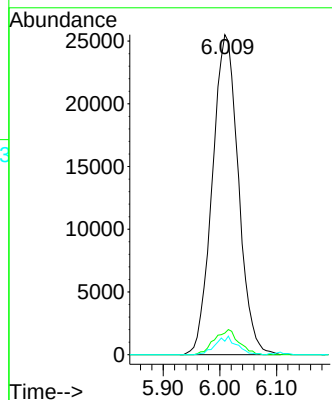
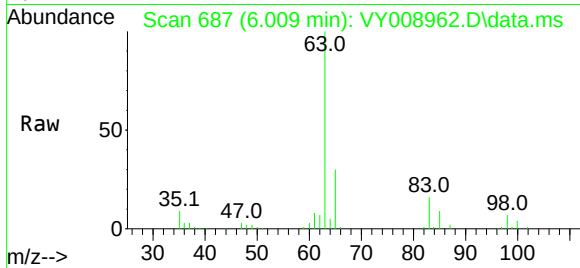




#24
1,1-Dichloroethane
Concen: 59.972 ug/l
RT: 6.009 min Scan# 61
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

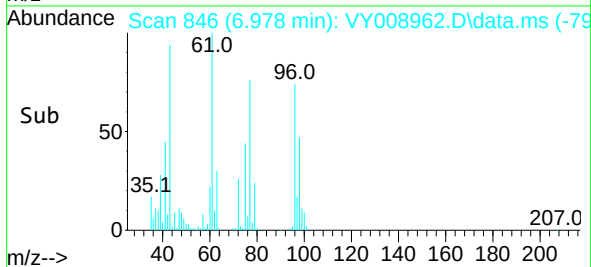
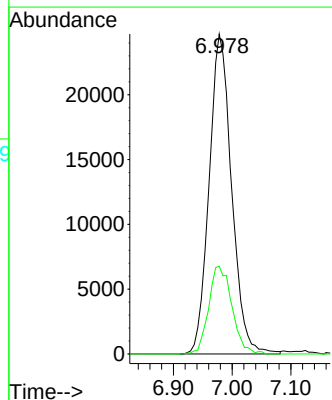
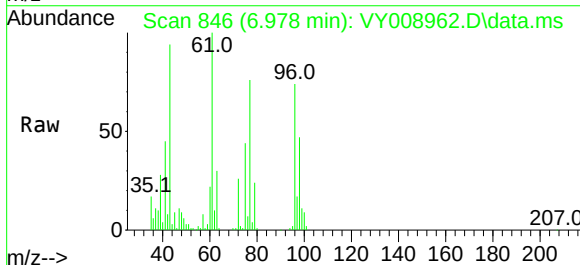
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

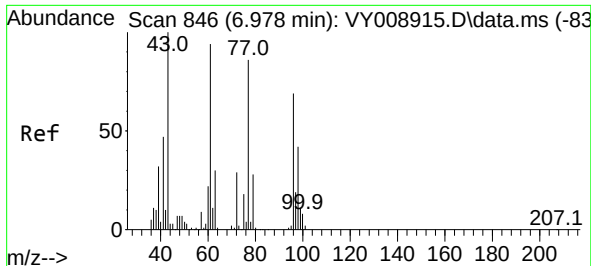
Tgt Ion: 63 Resp: 81386
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.2 2.0 5.8



#25
2-Butanone
Concen: 257.207 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 43 Resp: 65572
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5#

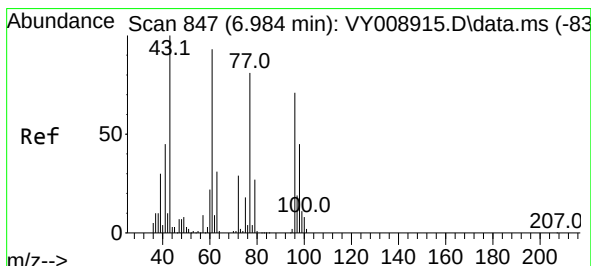
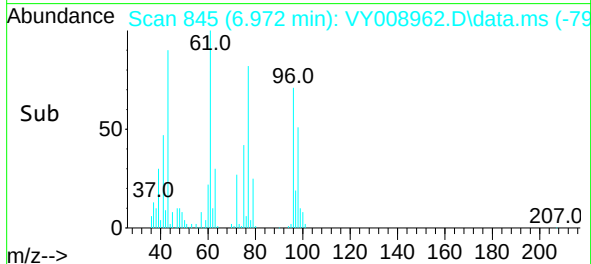
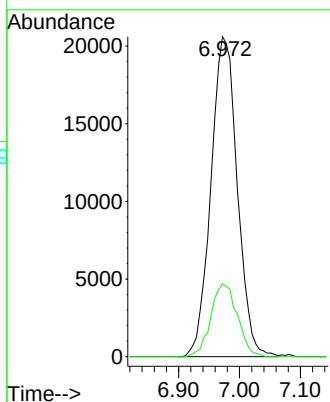
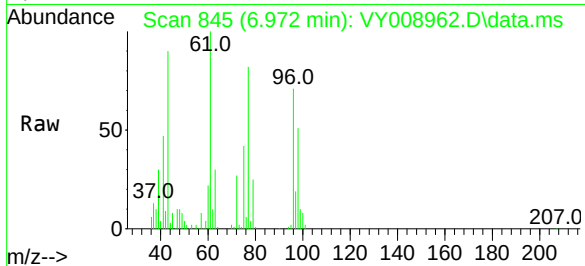




#26
2,2-Dichloropropane
Concen: 49.601 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

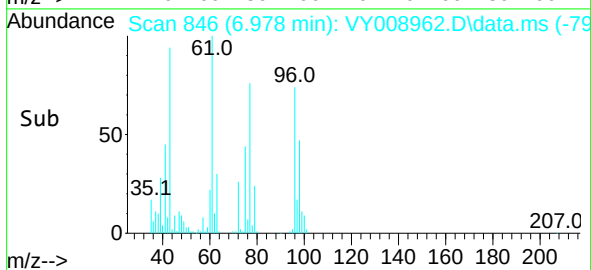
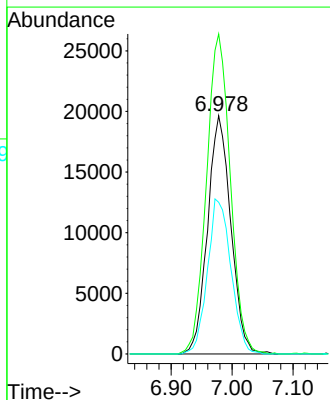
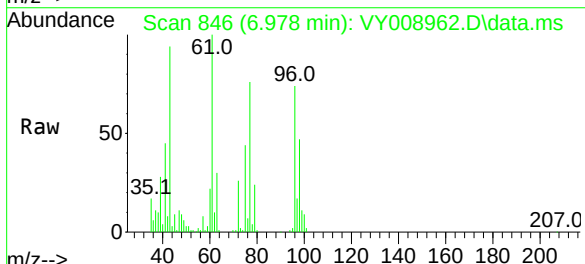
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

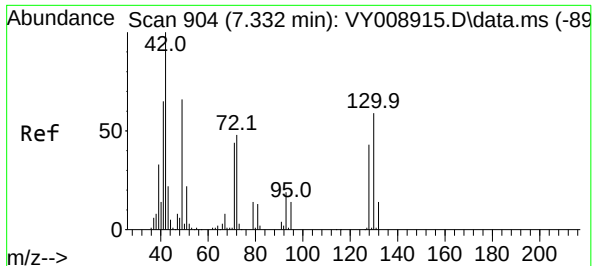
Tgt Ion: 77 Resp: 62005
Ion Ratio Lower Upper
77 100
97 22.9 10.4 31.4



#27
cis-1,2-Dichloroethene
Concen: 57.453 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 96 Resp: 52094
Ion Ratio Lower Upper
96 100
61 137.7 0.0 319.8
98 65.7 0.0 127.0





#28

Bromochloromethane

Concen: 62.800 ug/l

RT: 7.326 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY008962.D

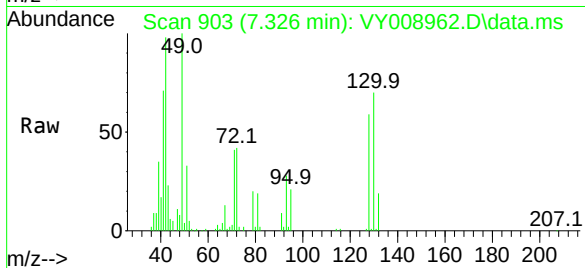
Acq: 21 May 2022 20:07

Instrument :

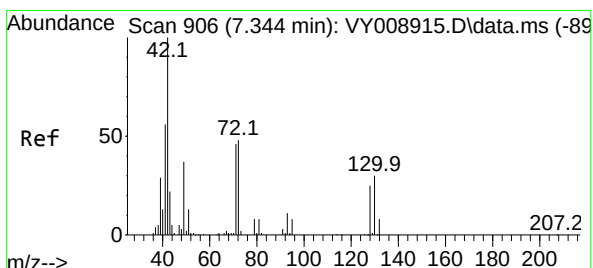
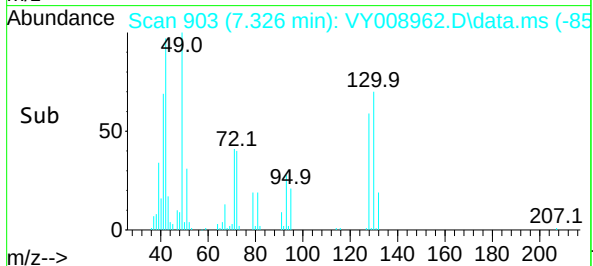
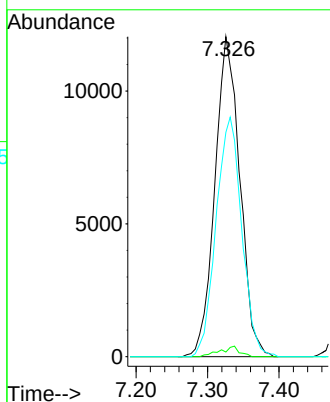
MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS



Tgt Ion:	49	Resp:	29252
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	2.2#
130	76.8	55.4	83.0



#29

Tetrahydrofuran

Concen: 274.919 ug/l

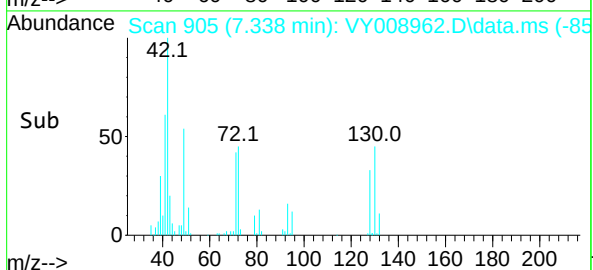
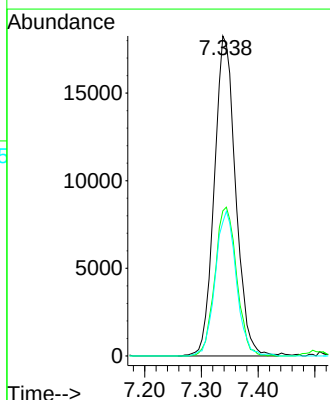
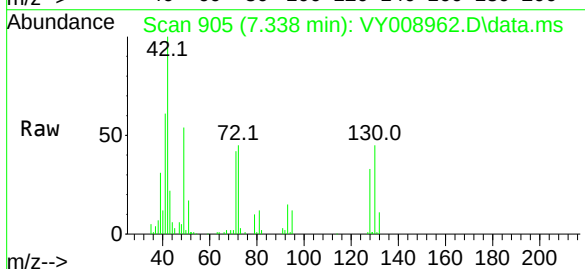
RT: 7.338 min Scan# 905

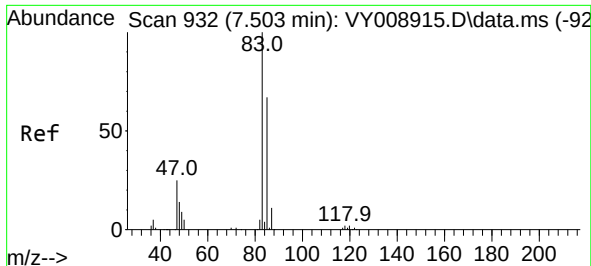
Delta R.T. -0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Tgt Ion:	42	Resp:	47609
Ion Ratio	Lower	Upper	
42	100		
72	47.5	30.3	45.5#
71	44.9	29.0	43.4#

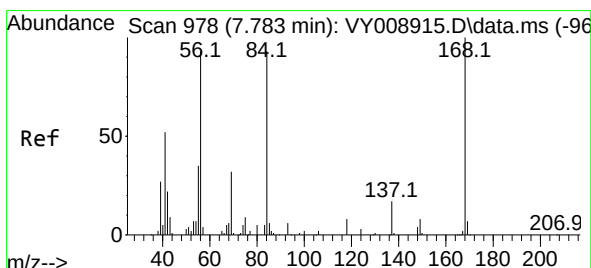
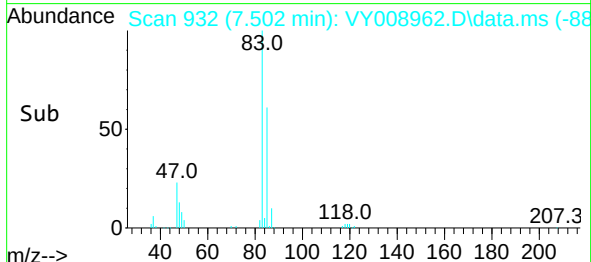
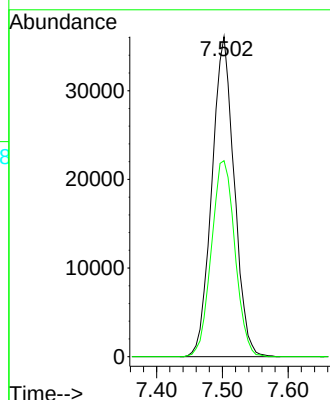
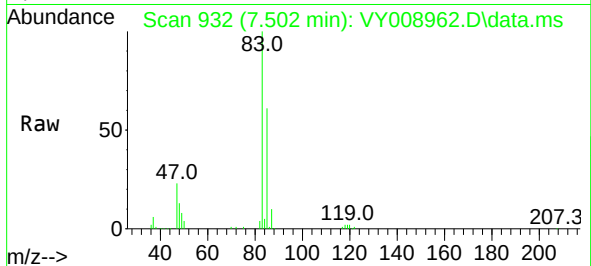




#30
Chloroform
Concen: 58.225 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

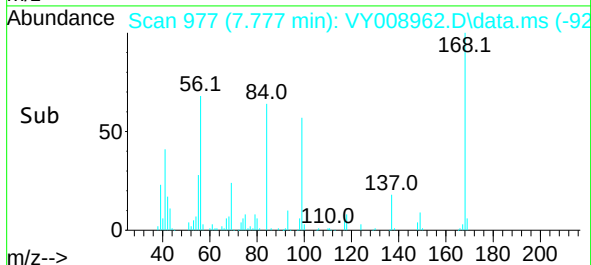
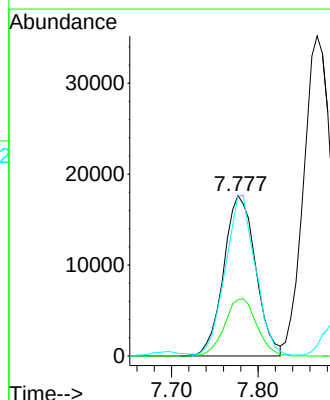
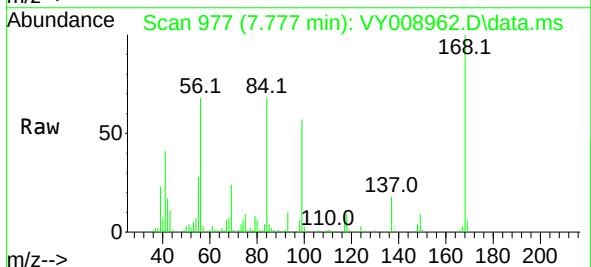
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

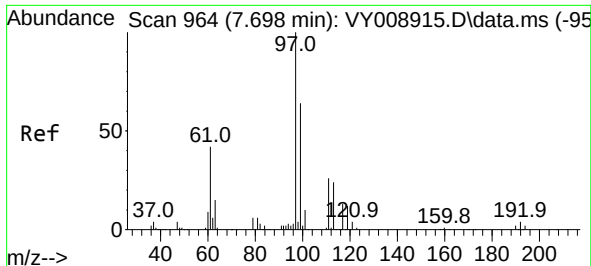
Tgt Ion: 83 Resp: 85294
Ion Ratio Lower Upper
83 100
85 61.2 51.8 77.6



#31
Cyclohexane
Concen: 33.737 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 56 Resp: 45257
Ion Ratio Lower Upper
56 100
69 34.6 26.7 40.1
84 98.7 67.2 100.8





#32

1,1,1-Trichloroethane

Concen: 52.240 ug/l

RT: 7.697 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

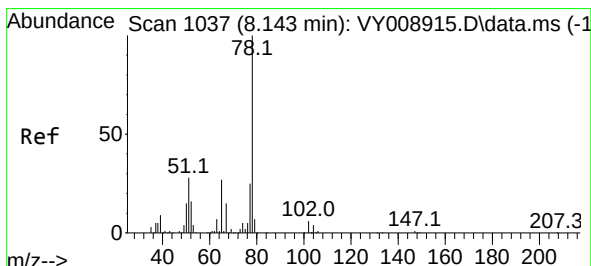
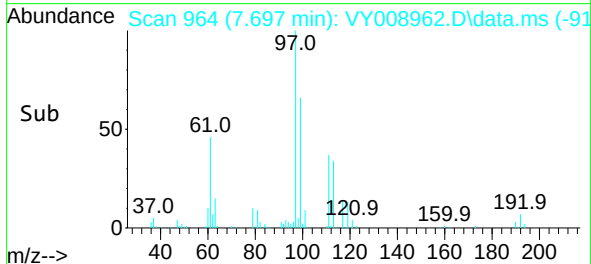
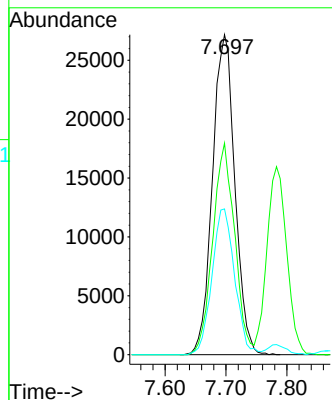
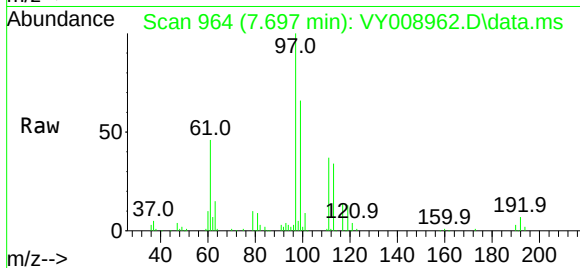
Tgt Ion: 97 Resp: 69428

Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

61 46.2 37.6 56.4



#33

1,2-Dichloroethane-d4

Concen: 50.484 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008962.D

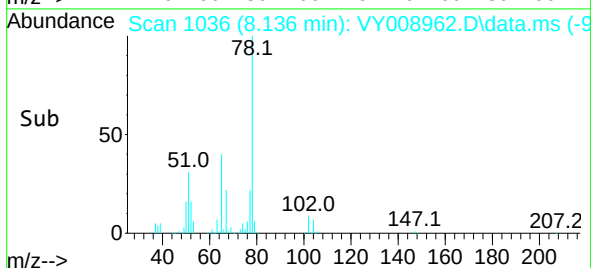
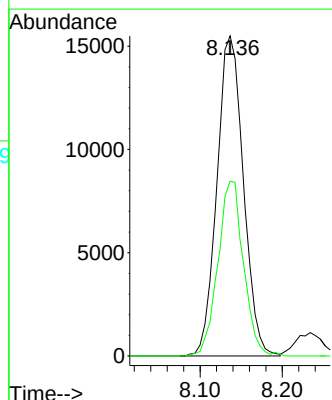
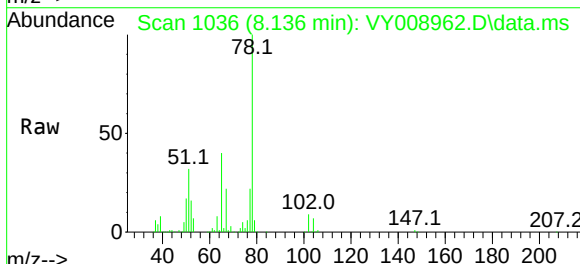
Acq: 21 May 2022 20:07

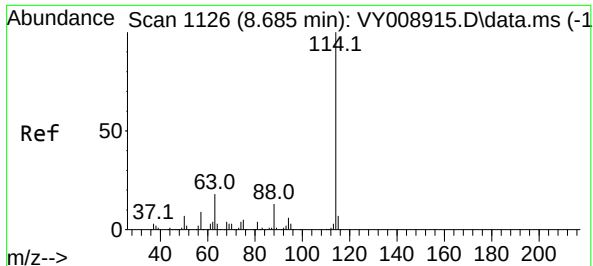
Tgt Ion: 65 Resp: 34617

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4

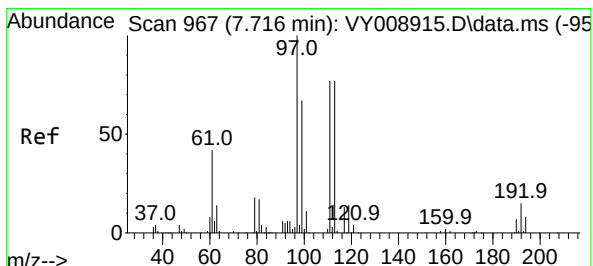
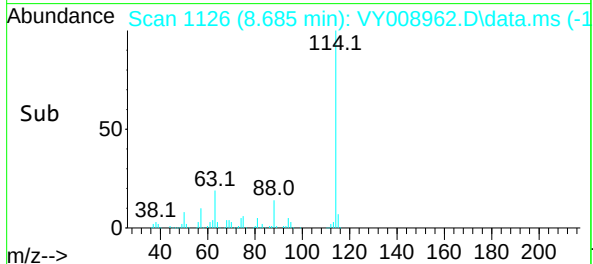
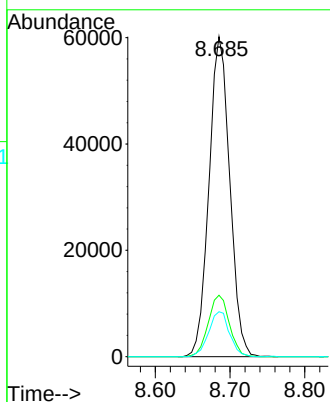
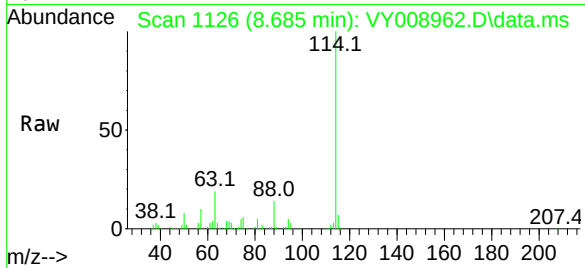




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

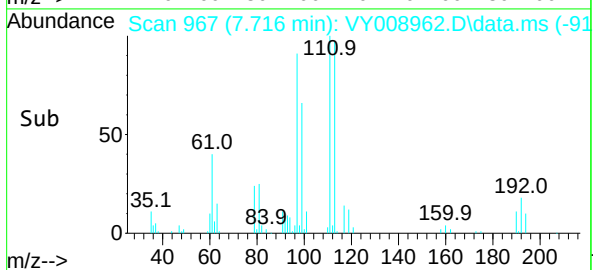
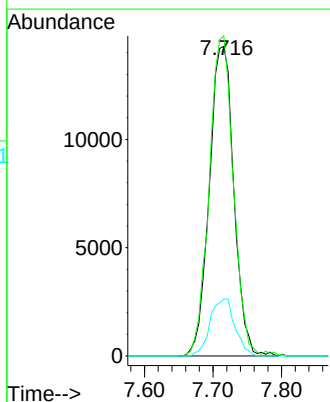
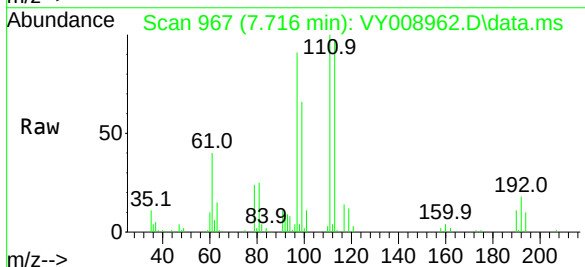
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

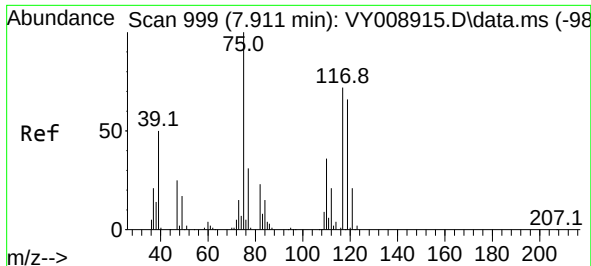
Tgt Ion:114 Resp: 116169
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:113 Resp: 35470
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.7 17.6 26.4

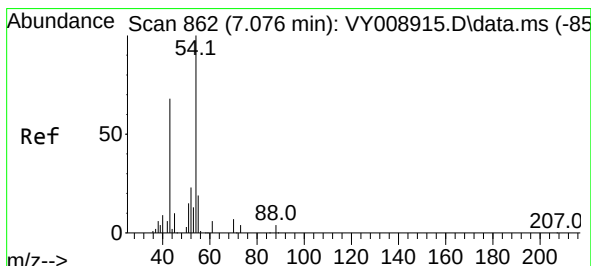
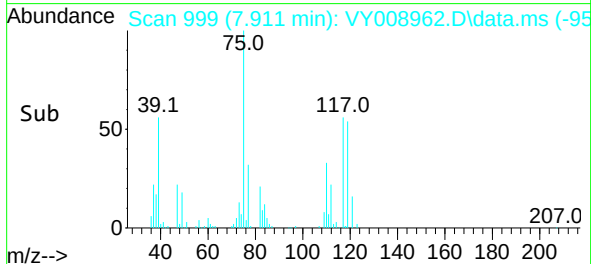
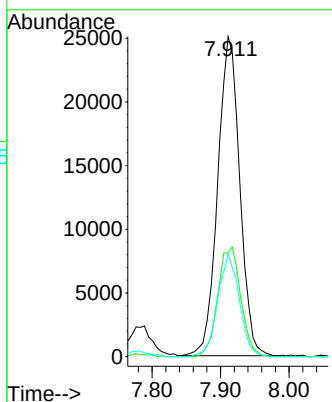
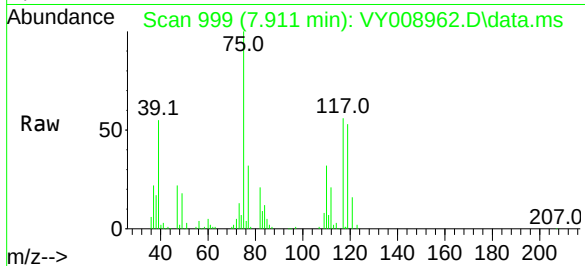




#36
1,1-Dichloropropene
Concen: 45.525 ug/l
RT: 7.911 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

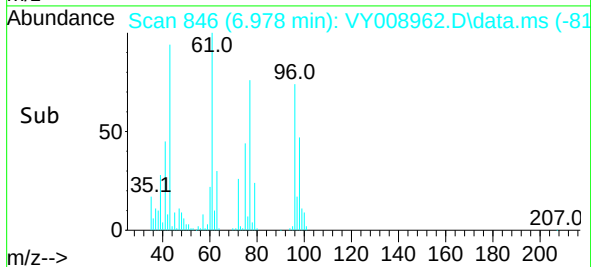
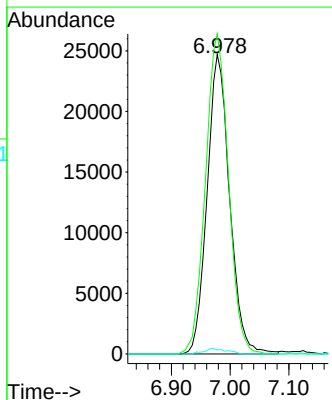
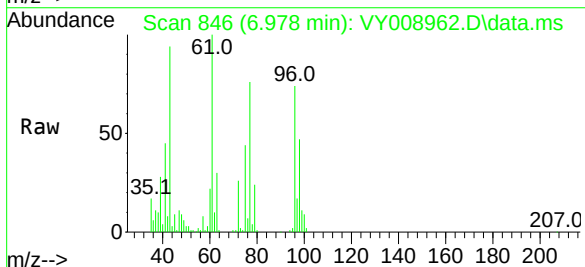
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

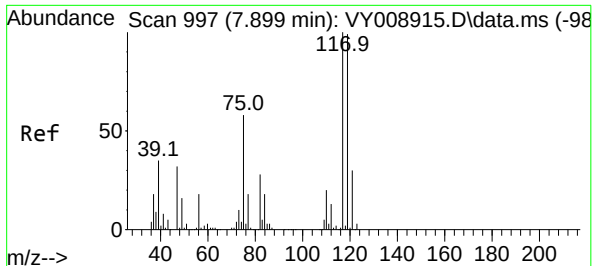
Tgt Ion: 75 Resp: 55967
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 31.5 24.4 36.6



#37
Ethyl Acetate
Concen: 102.825 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.098 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

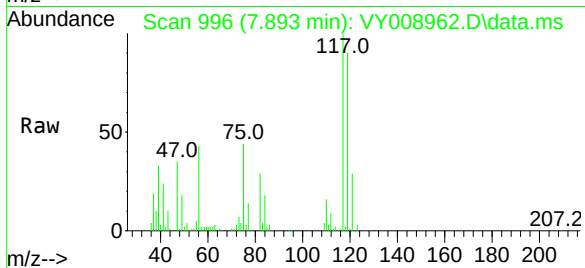
Tgt Ion: 43 Resp: 65572
Ion Ratio Lower Upper
43 100
61 109.4 9.7 14.5#
70 1.8 7.1 10.7#



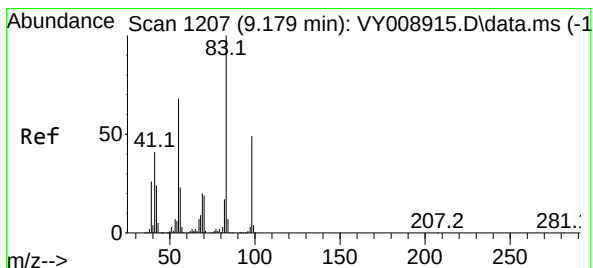
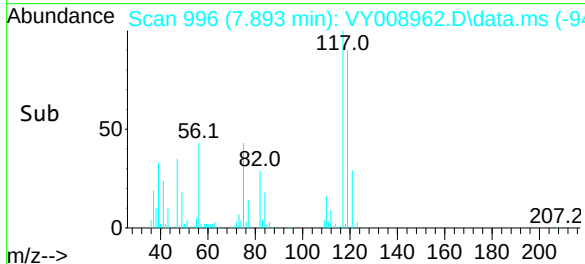
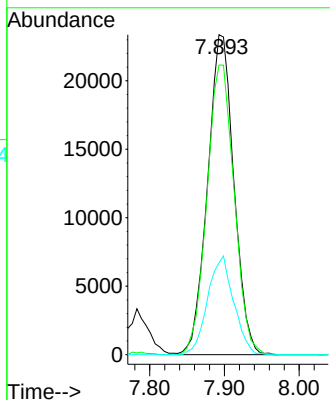


#38
Carbon Tetrachloride
Concen: 44.544 ug/l
RT: 7.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

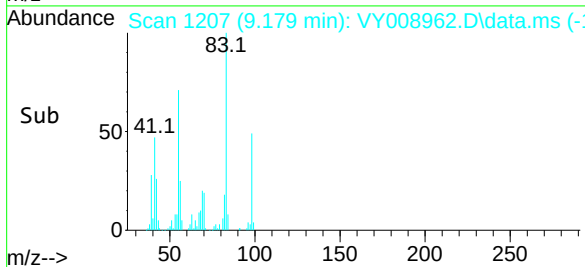
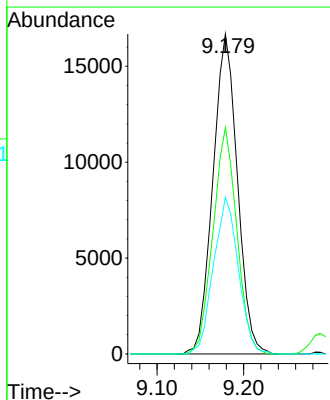
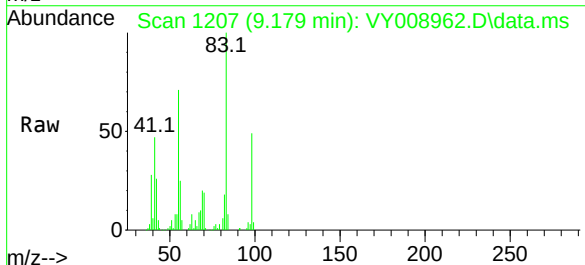


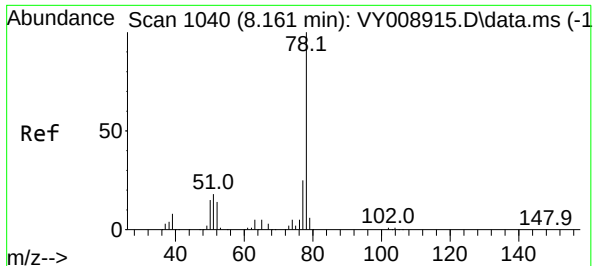
Tgt Ion:117 Resp: 57285
Ion Ratio Lower Upper
117 100
119 90.5 77.9 116.9
121 28.7 24.8 37.2



#39
Methylcyclohexane
Concen: 20.654 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 83 Resp: 32775
Ion Ratio Lower Upper
83 100
55 70.7 66.5 99.7
98 48.9 37.9 56.9

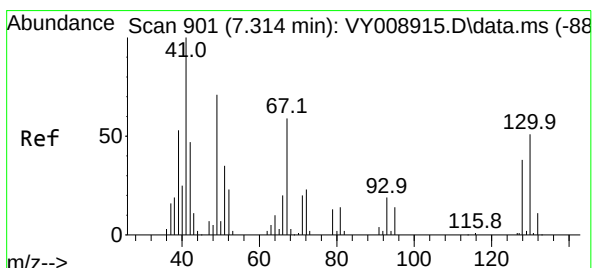
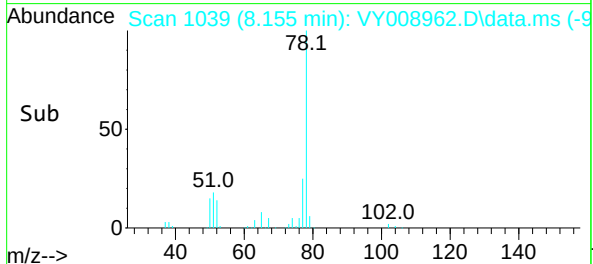
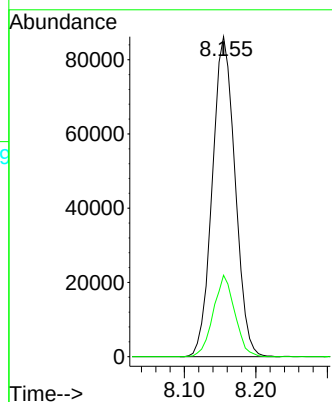
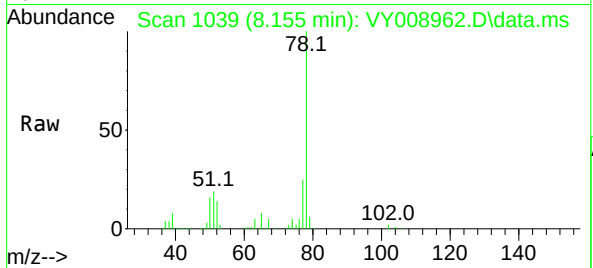




#40
Benzene
Concen: 53.762 ug/l
RT: 8.155 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

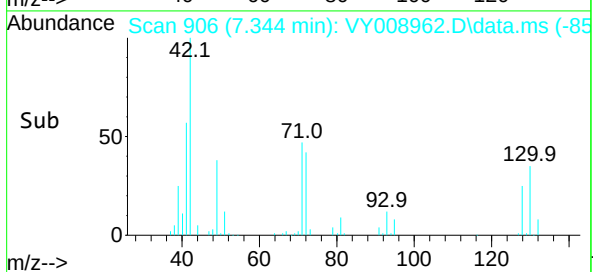
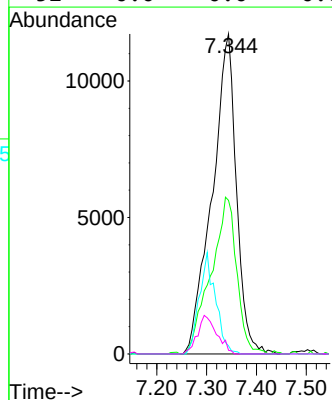
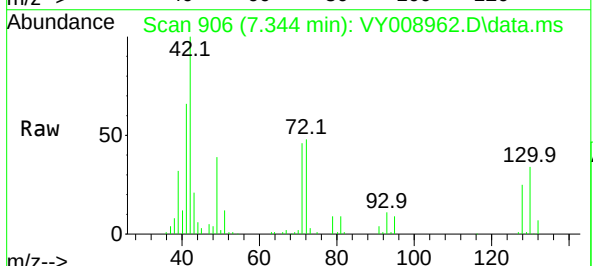
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

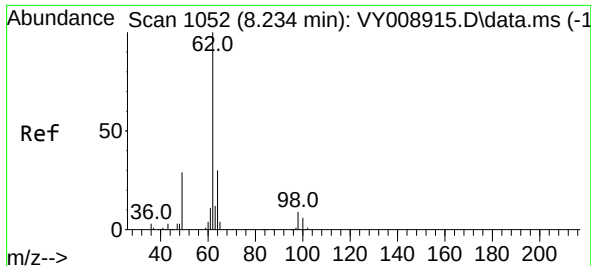
Tgt Ion: 78 Resp: 190587
Ion Ratio Lower Upper
78 100
77 25.5 20.4 30.6



#41
Methacrylonitrile
Concen: 120.644 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 41 Resp: 39701
Ion Ratio Lower Upper
41 100
39 51.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 57.659 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

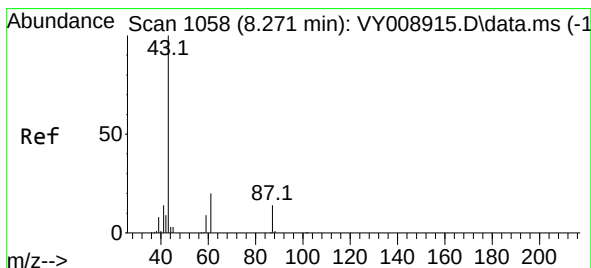
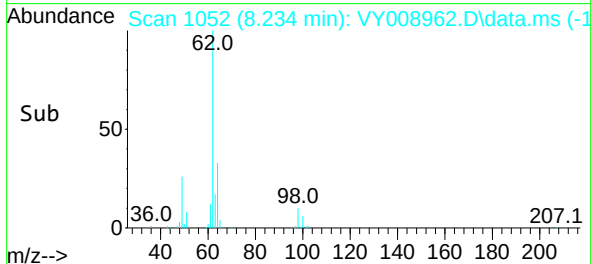
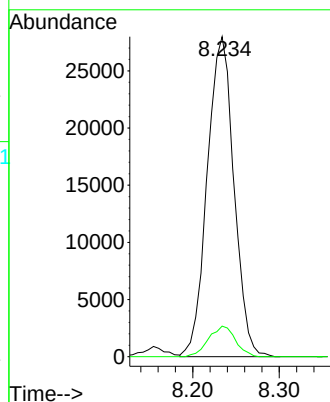
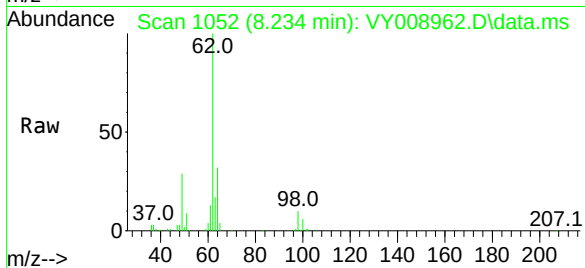
P015-SS002-0006-01MS

Tgt Ion: 62 Resp: 60021

Ion Ratio Lower Upper

62 100

98 9.6 0.0 14.8



#43

Isopropyl Acetate

Concen: 5.257 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

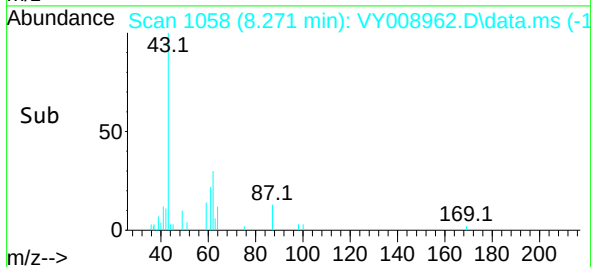
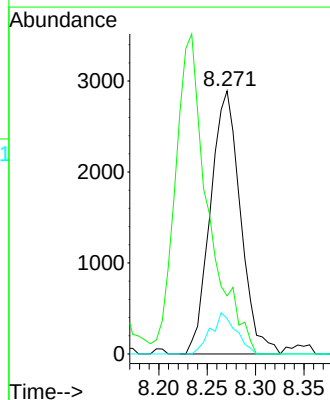
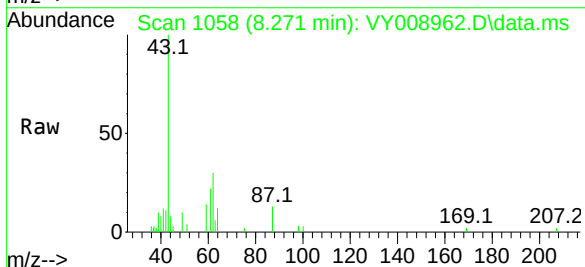
Tgt Ion: 43 Resp: 6234

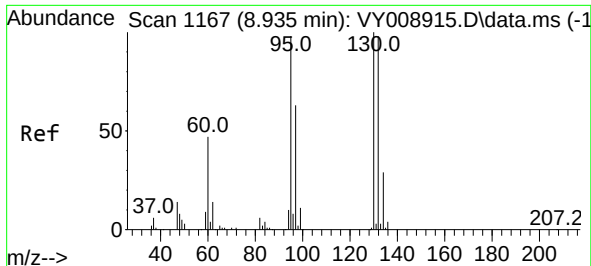
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 13.1 8.9 13.3

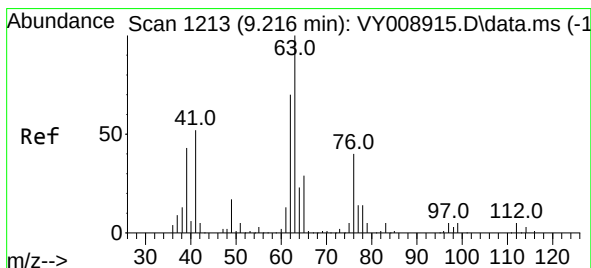
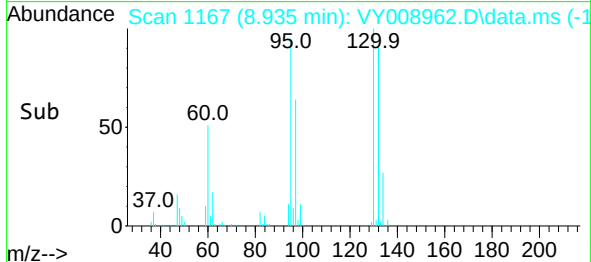
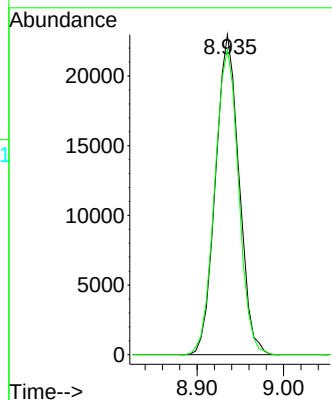
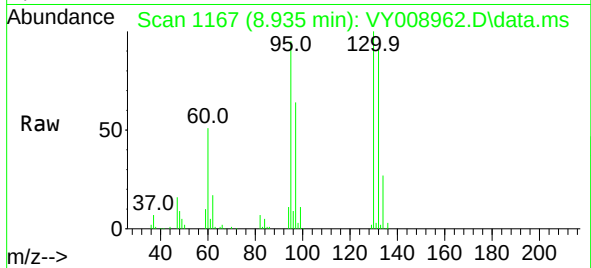




#44
Trichloroethene
Concen: 46.156 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

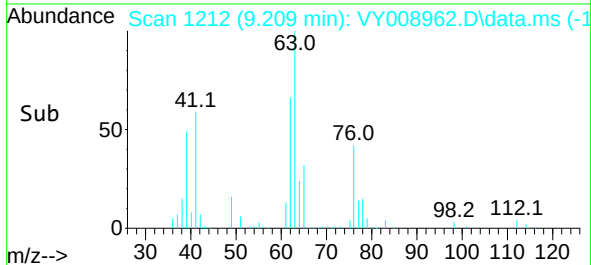
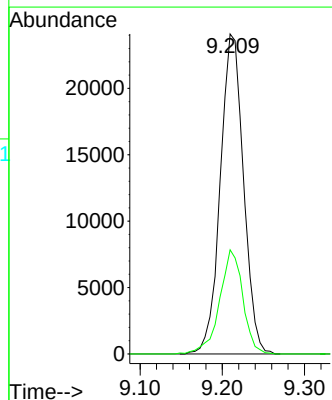
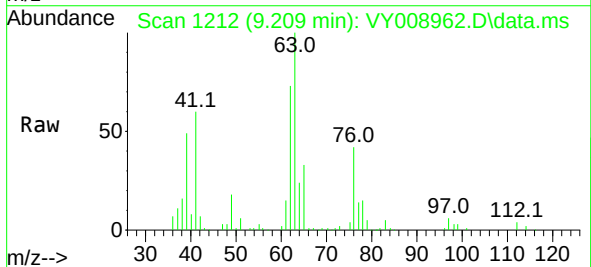
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

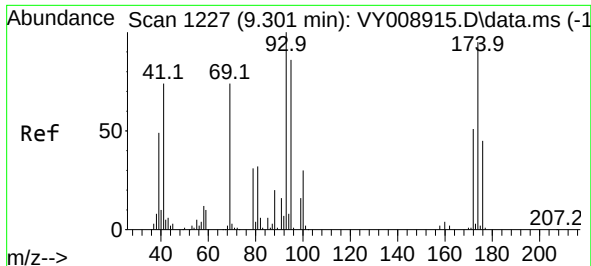
Tgt Ion:130 Resp: 43324
Ion Ratio Lower Upper
130 100
95 95.4 0.0 188.2



#45
1,2-Dichloropropane
Concen: 55.590 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 63 Resp: 47319
Ion Ratio Lower Upper
63 100
65 32.6 23.0 34.6

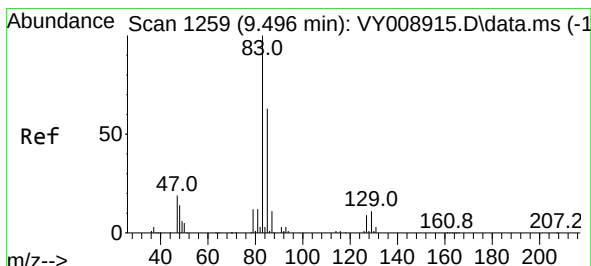
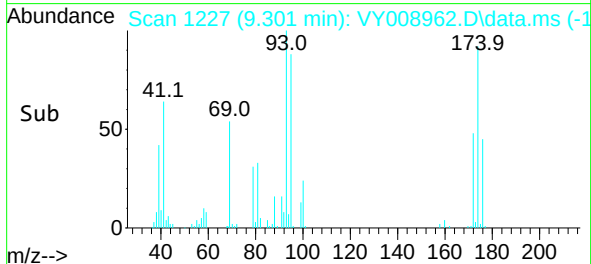
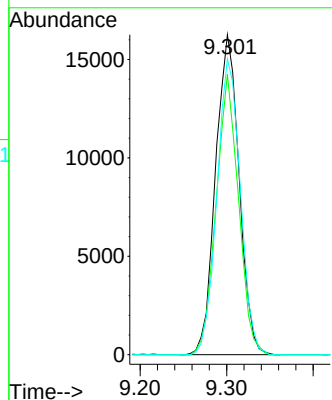
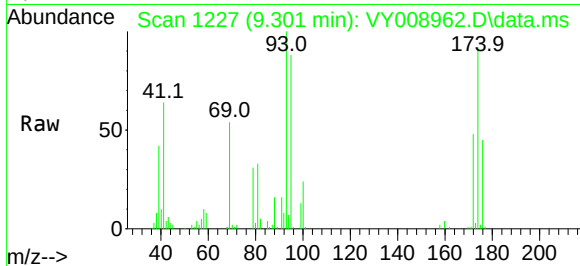




#46
Dibromomethane
Concen: 56.730 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

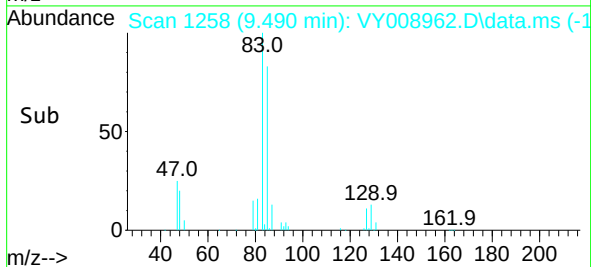
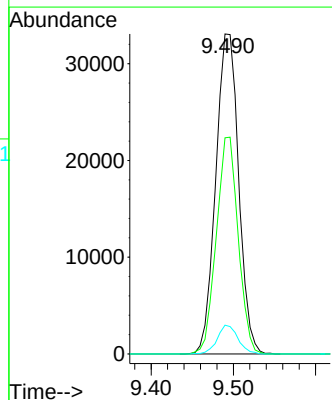
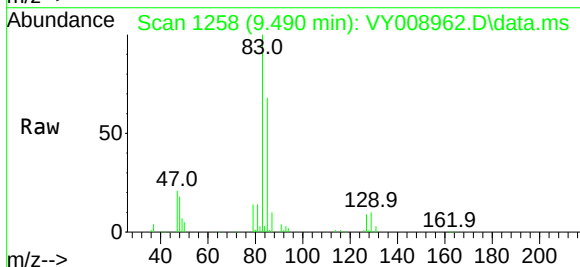
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

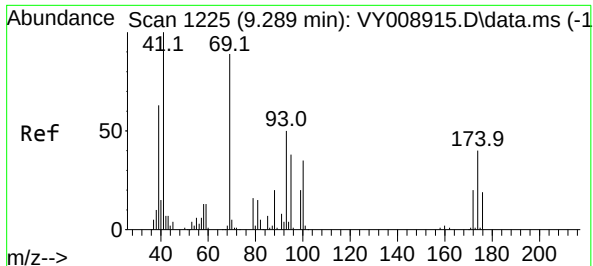
Tgt Ion: 93 Resp: 30705
Ion Ratio Lower Upper
93 100
95 83.1 64.3 96.5
174 91.8 83.4 125.0



#47
Bromodichloromethane
Concen: 51.827 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 83 Resp: 64109
Ion Ratio Lower Upper
83 100
85 67.6 51.9 77.9
127 9.0 6.6 10.0





#48

Methyl methacrylate

Concen: 56.993 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

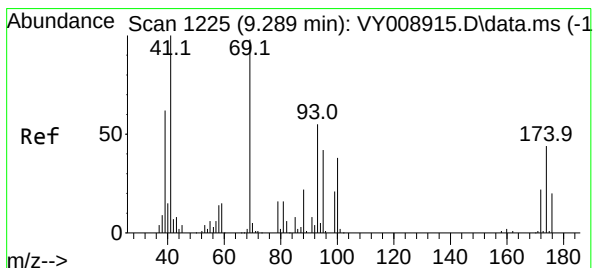
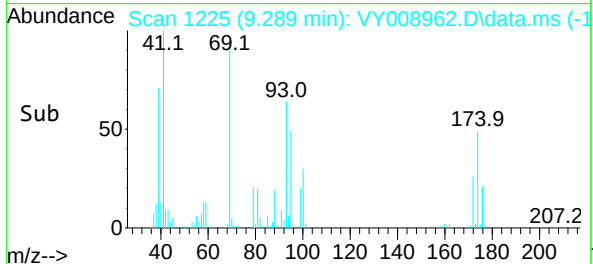
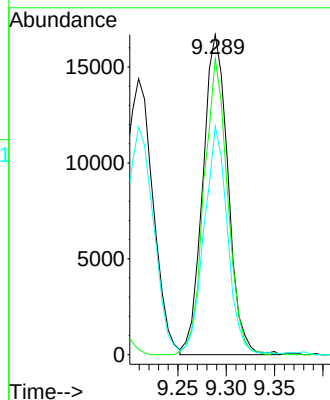
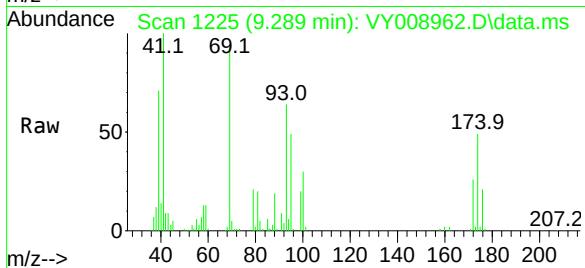
Tgt Ion: 41 Resp: 30176

Ion Ratio Lower Upper

41 100

69 86.7 58.2 87.2

39 65.6 47.4 71.0



#49

1,4-Dioxane

Concen: 1071.971 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

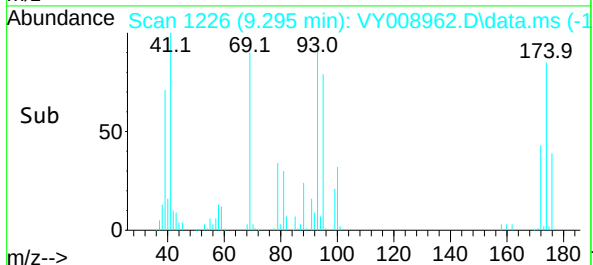
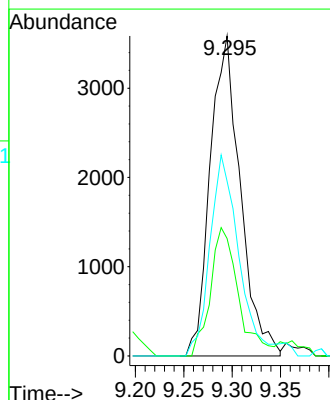
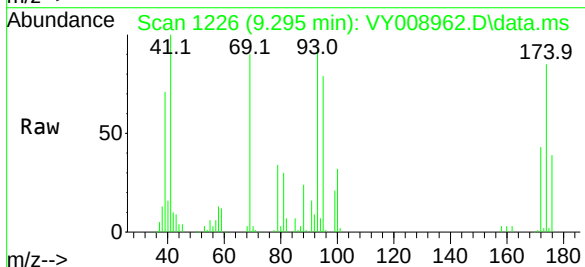
Tgt Ion: 88 Resp: 7756

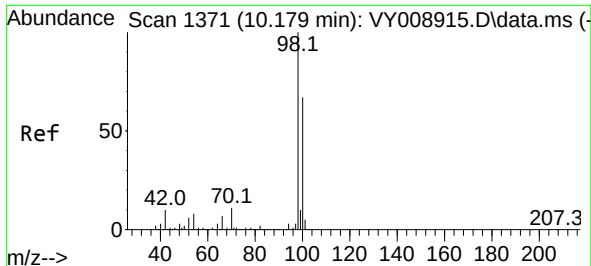
Ion Ratio Lower Upper

88 100

43 37.3 32.8 49.2

58 61.7 59.8 89.6

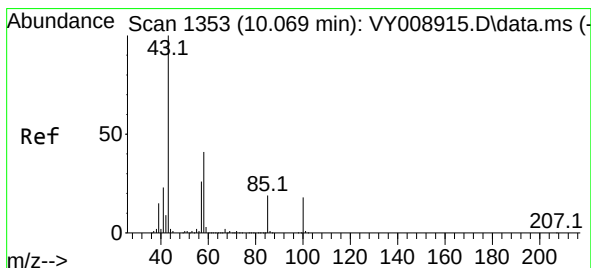
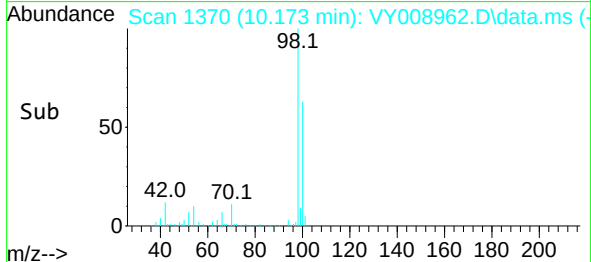
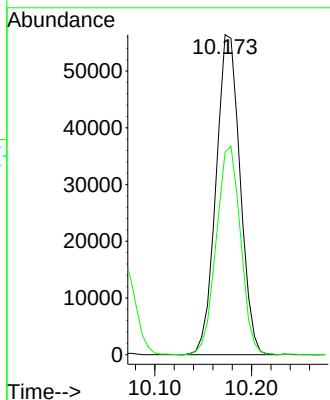
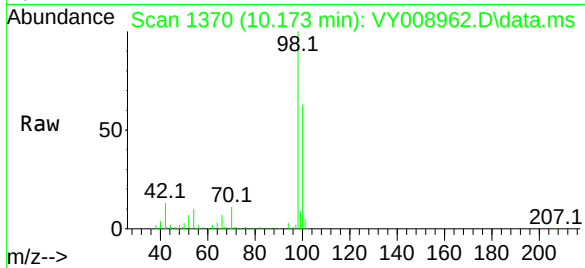




#50
Toluene-d8
Concen: 36.500 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

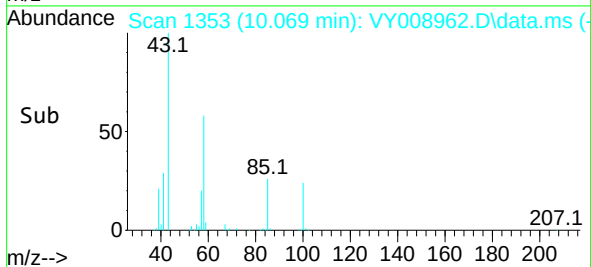
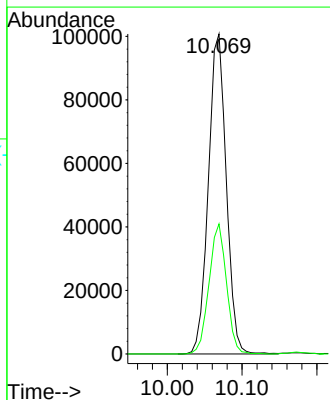
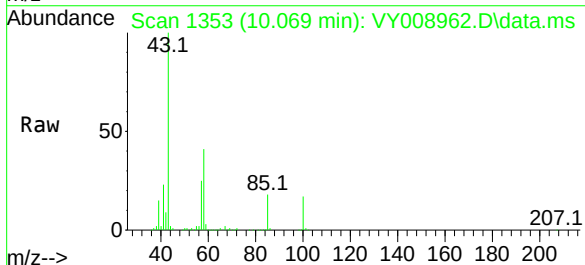
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

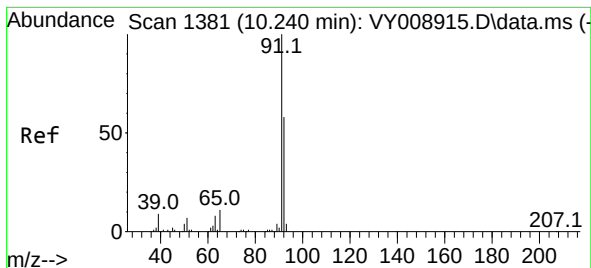
Tgt Ion: 98 Resp: 97273
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 256.018 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 43 Resp: 168008
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1





#52

Toluene

Concen: 44.697 ug/l

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

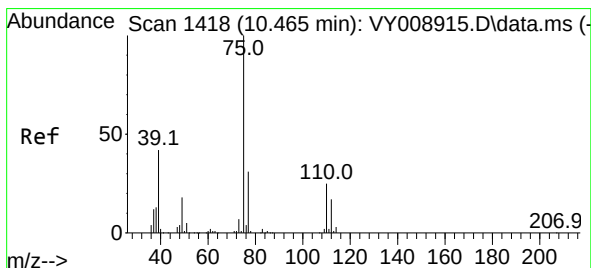
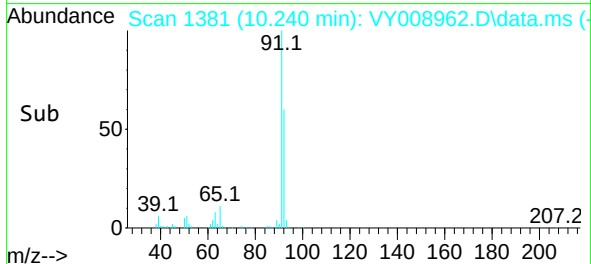
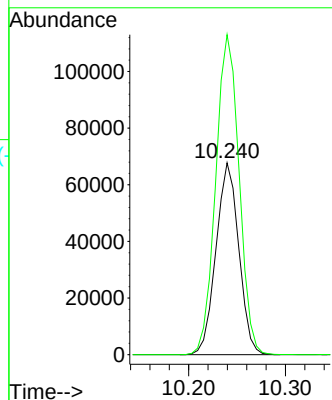
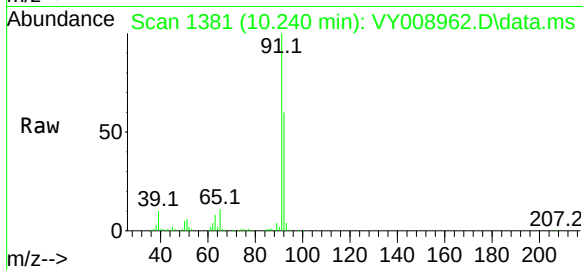
P015-SS002-0006-01MS

Tgt Ion: 92 Resp: 110731

Ion Ratio Lower Upper

92 100

91 171.4 142.6 213.8



#53

t-1,3-Dichloropropene

Concen: 42.112 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VY008962.D

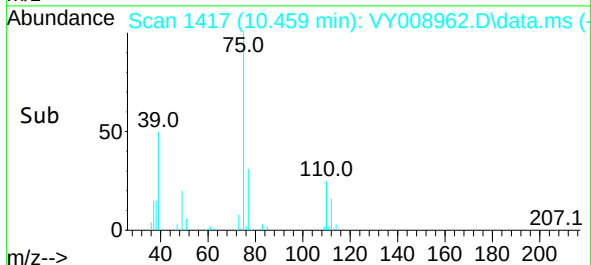
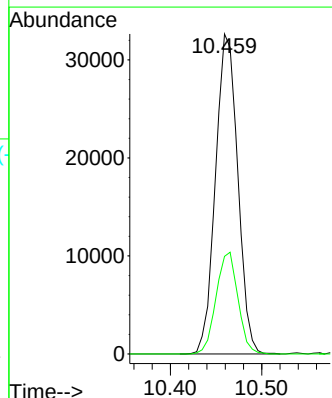
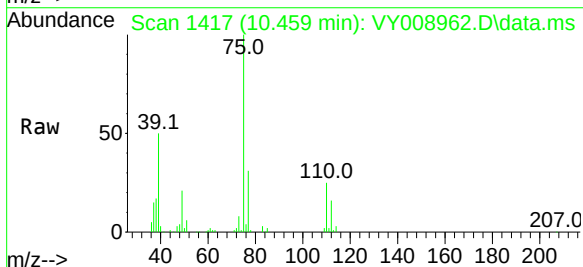
Acq: 21 May 2022 20:07

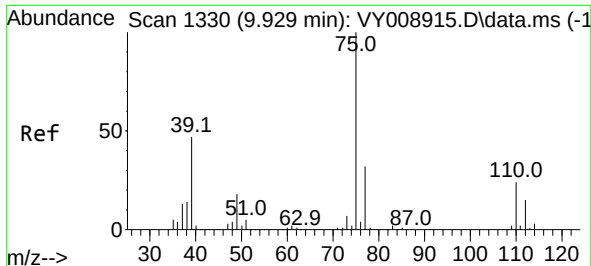
Tgt Ion: 75 Resp: 55317

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2

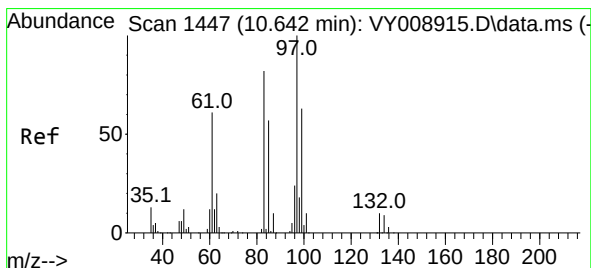
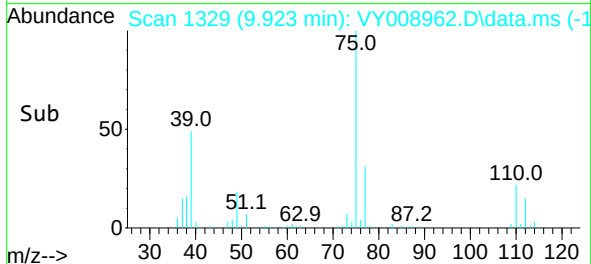
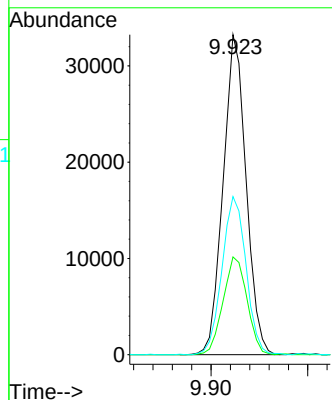
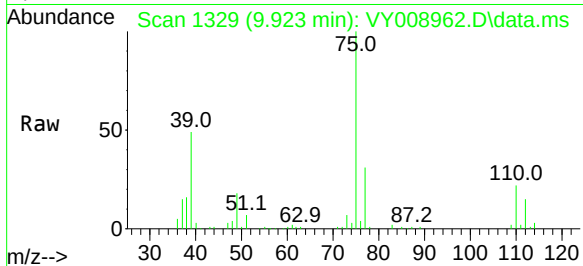




#54
 cis-1,3-Dichloropropene
 Concen: 38.802 ug/l
 RT: 9.923 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

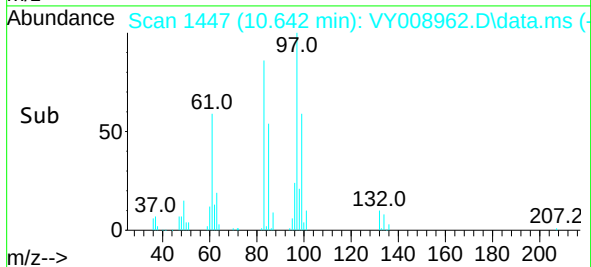
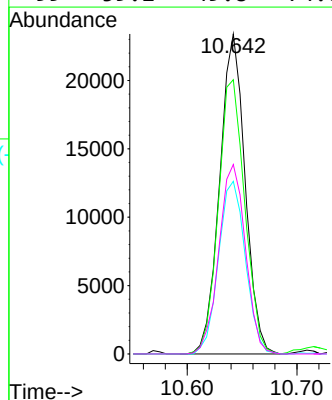
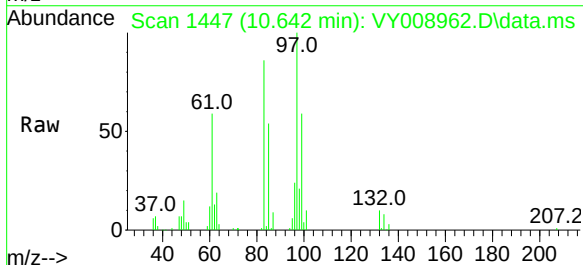
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

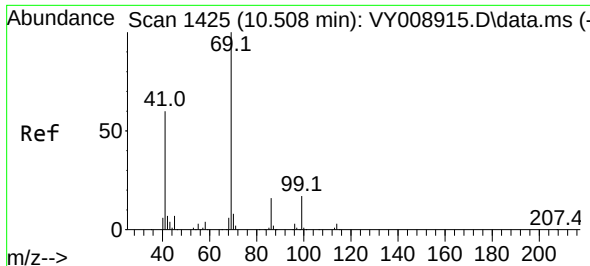
Tgt Ion:	75	Resp:	54794
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
39	49.2	47.6	71.4



#55
 1,1,2-Trichloroethane
 Concen: 49.796 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion:	97	Resp:	37707
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.8
85	53.9	44.3	66.5
99	59.2	49.8	74.6

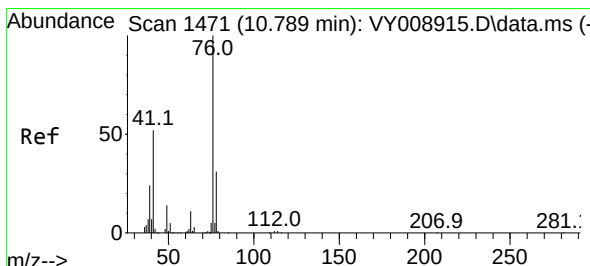
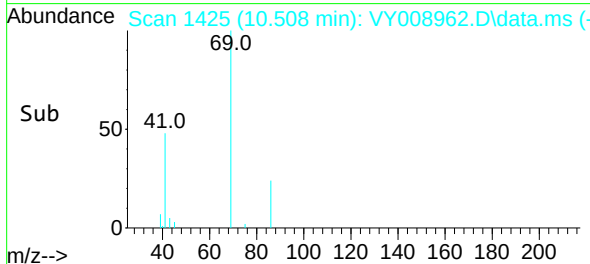
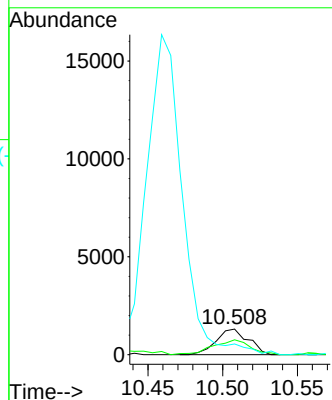
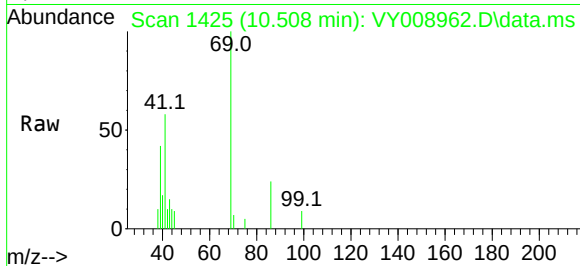




#56
Ethyl methacrylate
Concen: 2.018 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

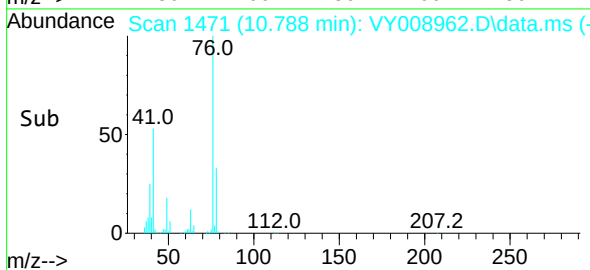
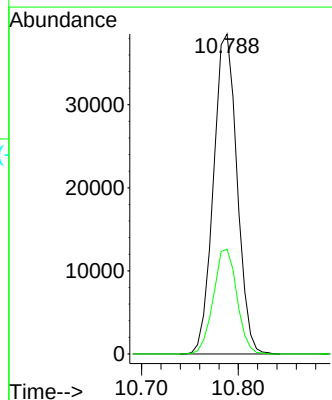
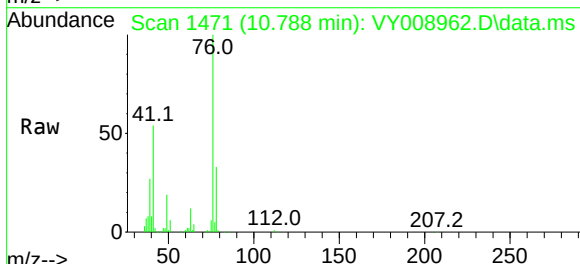
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

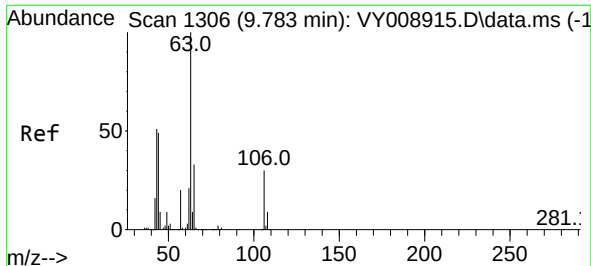
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	63.4	95.0
39	0.0	35.8	53.8



#57
1,3-Dichloropropane
Concen: 52.732 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.0	37.6

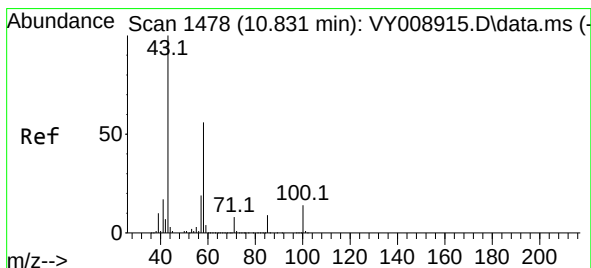
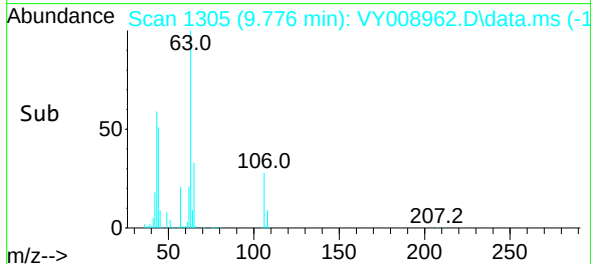
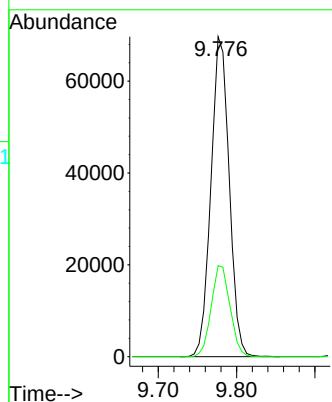
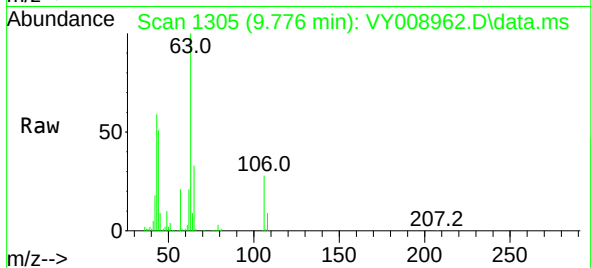




#58
2-Chloroethyl Vinyl ether
Concen: 269.174 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

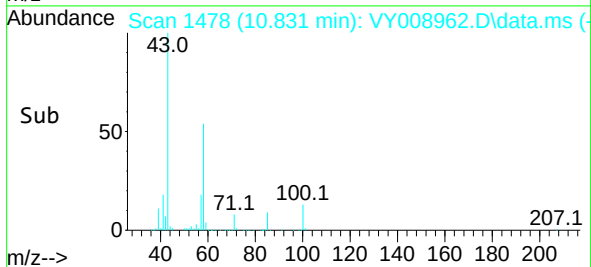
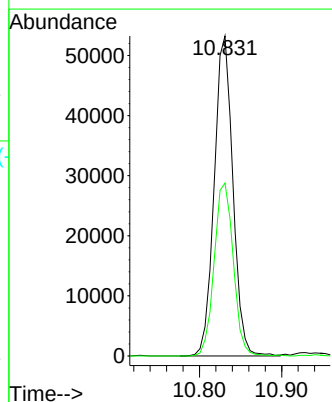
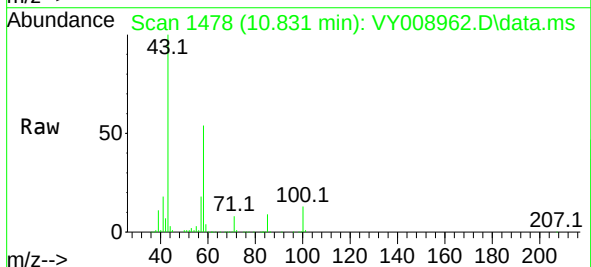
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

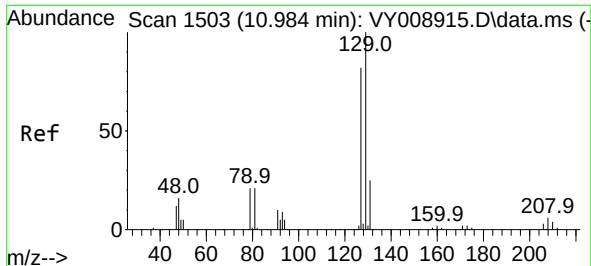
Tgt Ion: 63 Resp: 112740
Ion Ratio Lower Upper
63 100
106 29.3 21.5 32.3



#59
2-Hexanone
Concen: 187.231 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 43 Resp: 84124
Ion Ratio Lower Upper
43 100
58 55.3 24.4 73.4

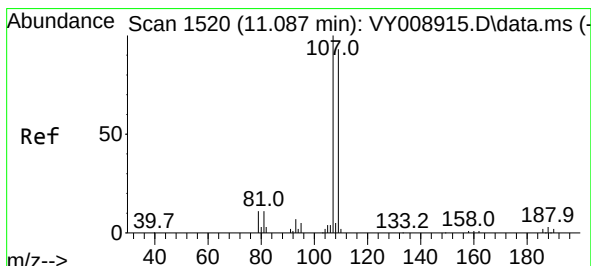
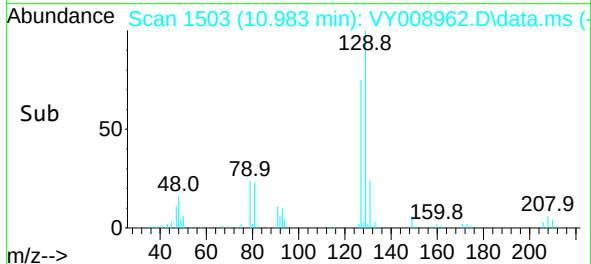
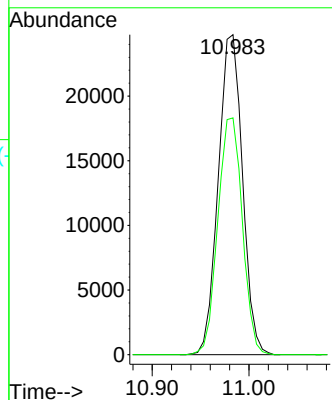
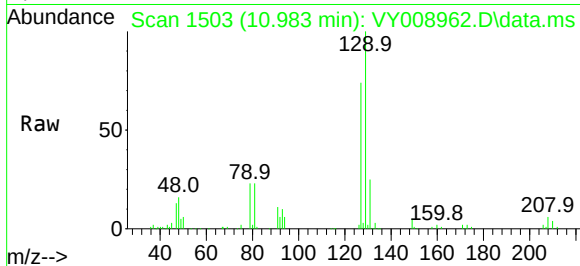




#60
Dibromochloromethane
Concen: 46.808 ug/l
RT: 10.983 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

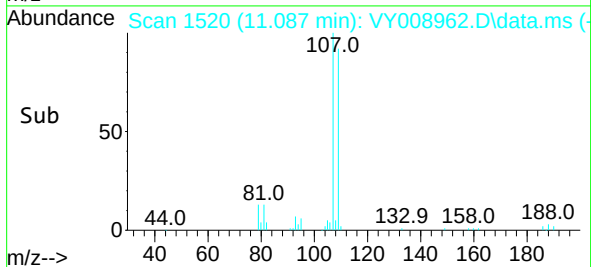
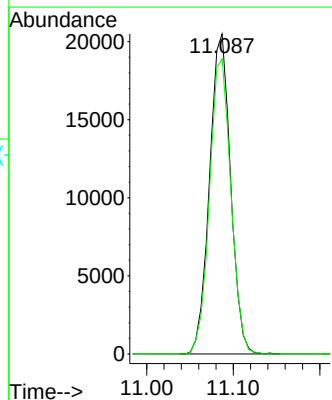
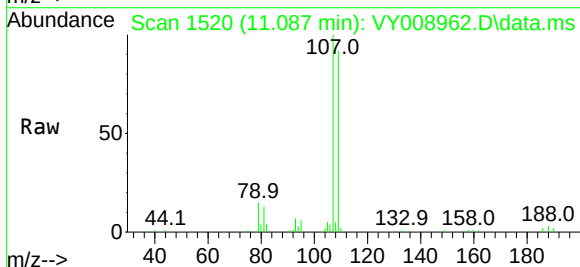
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

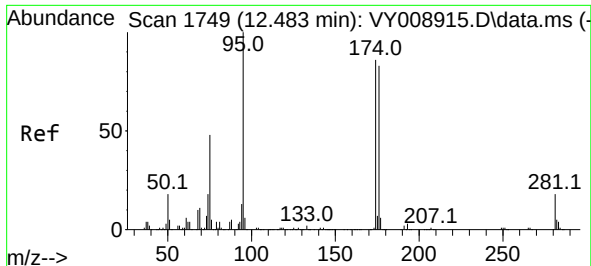
Tgt Ion:129 Resp: 42966
Ion Ratio Lower Upper
129 100
127 74.9 38.7 116.1



#61
1,2-Dibromoethane
Concen: 46.096 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:107 Resp: 34589
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

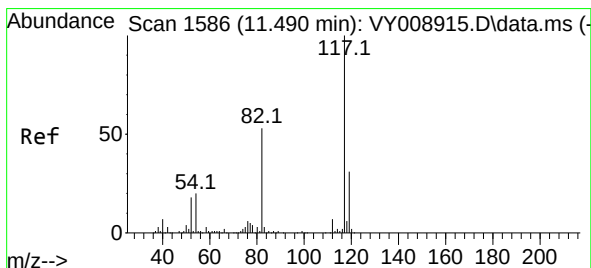
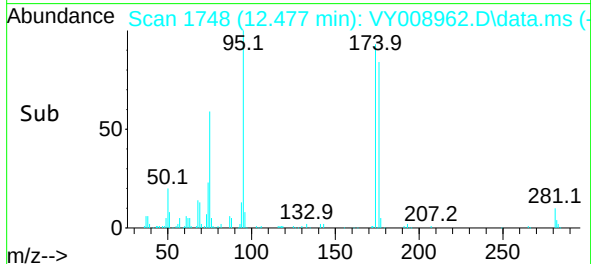
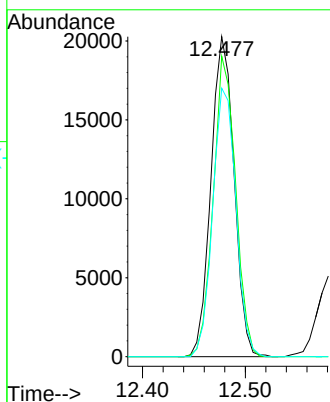
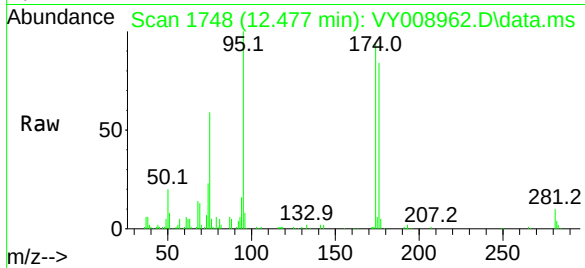




#62
4-Bromofluorobenzene
Concen: 29.375 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

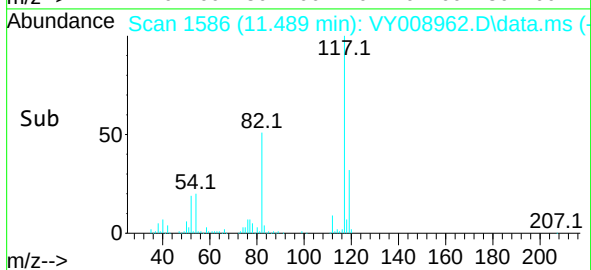
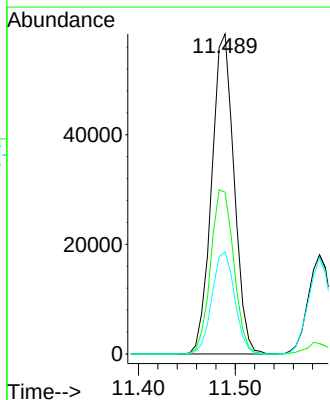
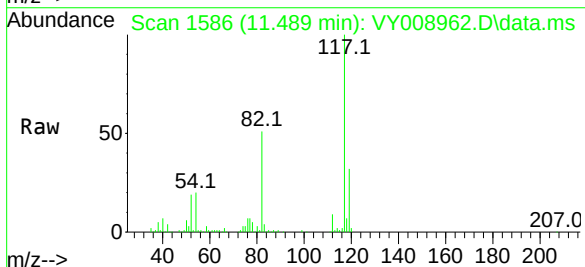
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

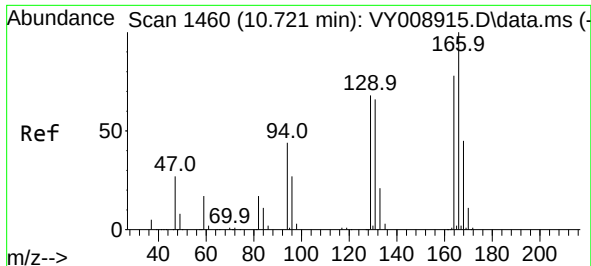
Tgt Ion: 95 Resp: 31579
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 84.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 117 Resp: 93986
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 31.9 25.4 38.0

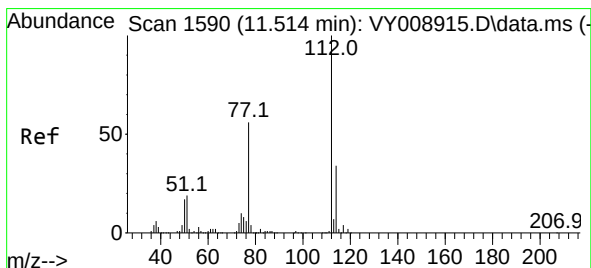
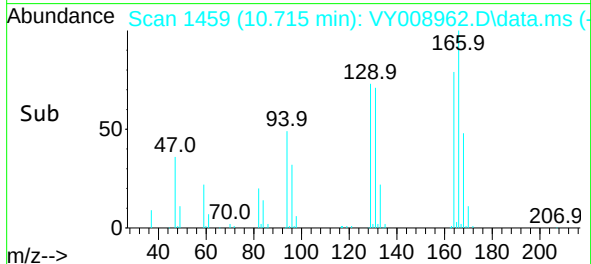
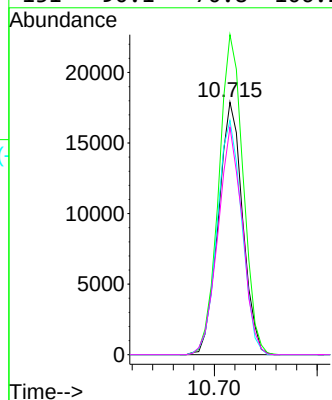
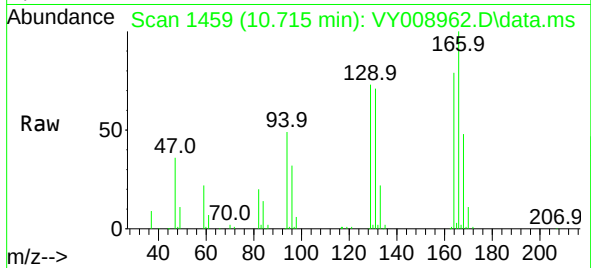




#64
Tetrachloroethene
Concen: 42.806 ug/l
RT: 10.715 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

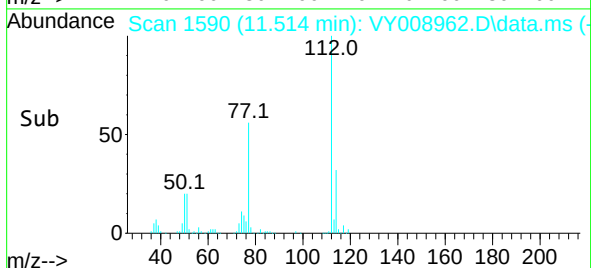
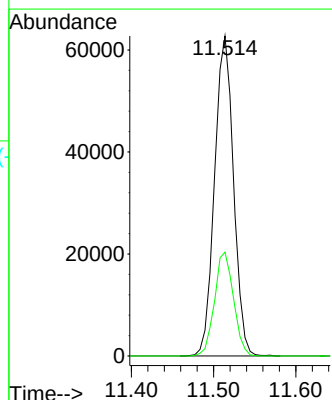
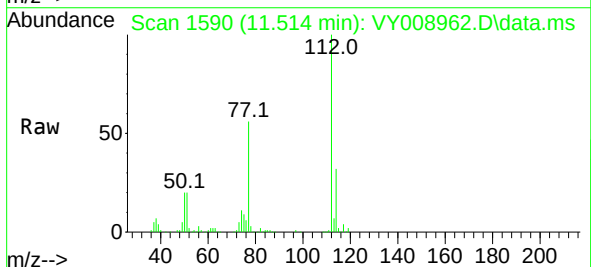
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

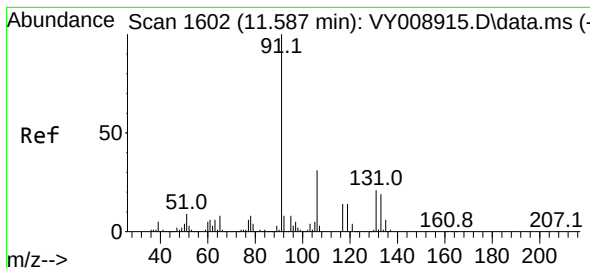
Tgt Ion:164 Resp: 29283
Ion Ratio Lower Upper
164 100
166 126.7 100.4 150.6
129 92.8 71.4 107.0
131 90.1 70.8 106.2



#65
Chlorobenzene
Concen: 46.524 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:112 Resp: 100361
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

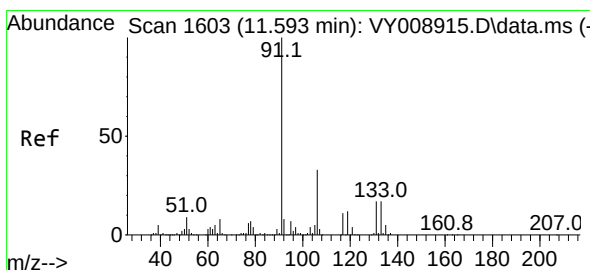
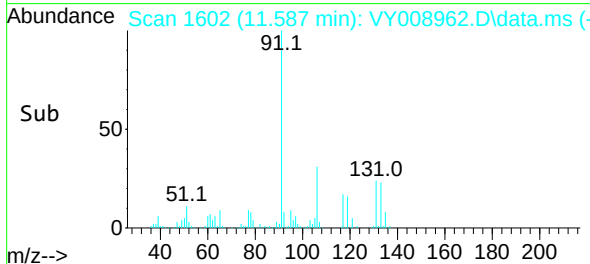
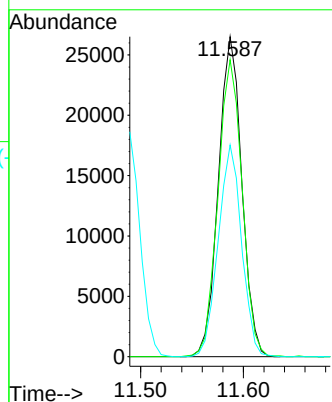
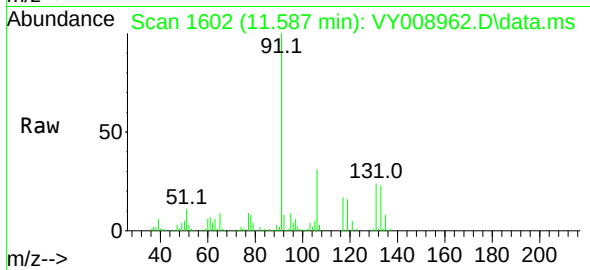




#66
1,1,1,2-Tetrachloroethane
Concen: 53.021 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

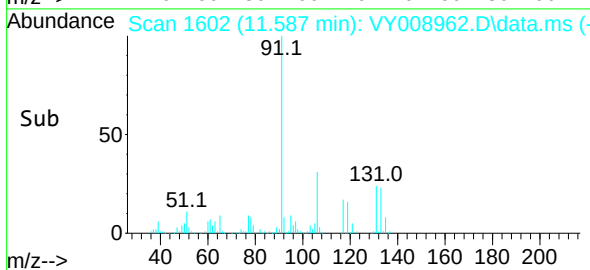
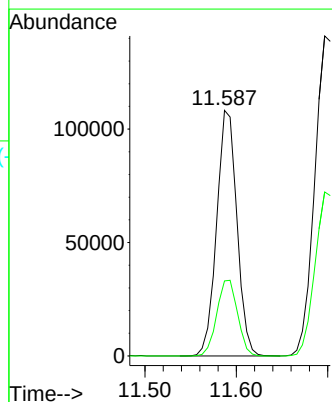
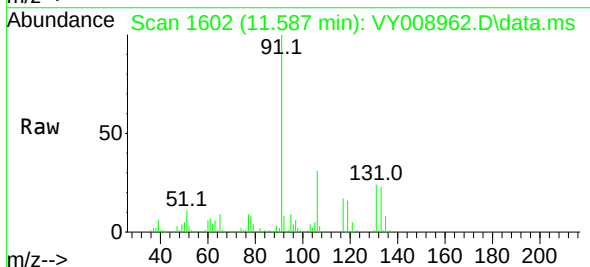
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

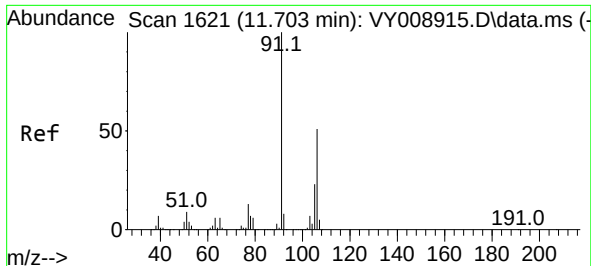
Tgt Ion:131 Resp: 41881
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 66.2 30.8 92.3



#67
Ethyl Benzene
Concen: 42.910 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 91 Resp: 166816
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

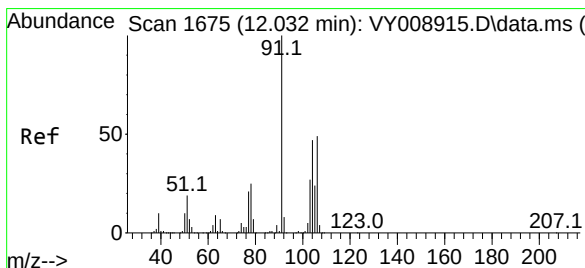
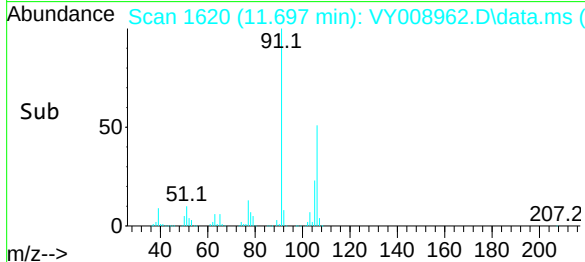
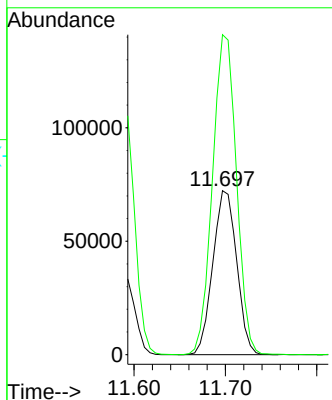
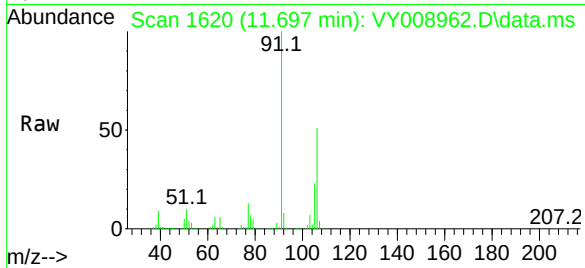




#68
m/p-Xylenes
Concen: 83.016 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

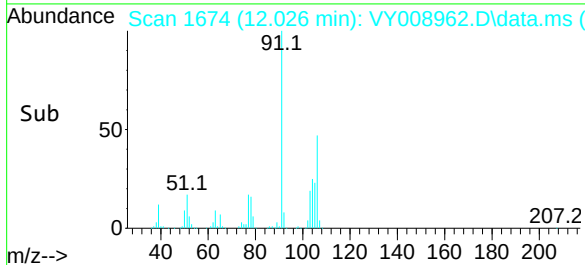
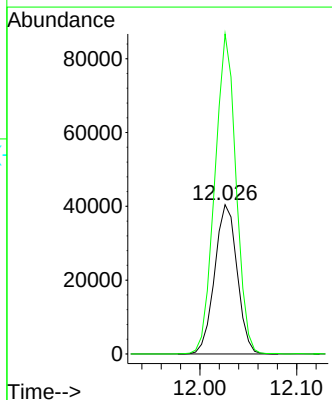
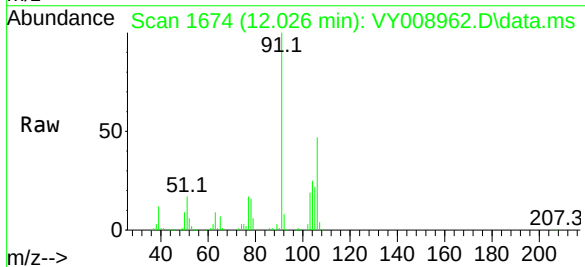
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

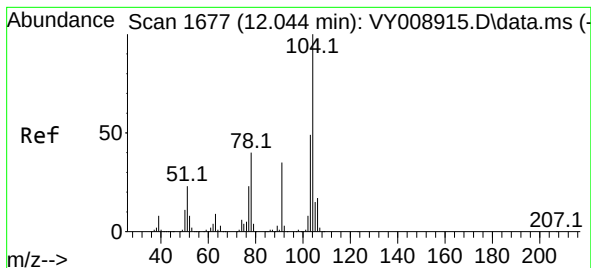
Tgt Ion:106 Resp: 131013
Ion Ratio Lower Upper
106 100
91 196.2 166.6 249.8



#69
o-Xylene
Concen: 44.427 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:106 Resp: 65109
Ion Ratio Lower Upper
106 100
91 202.3 110.3 331.0





#70

Styrene

Concen: 42.796 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

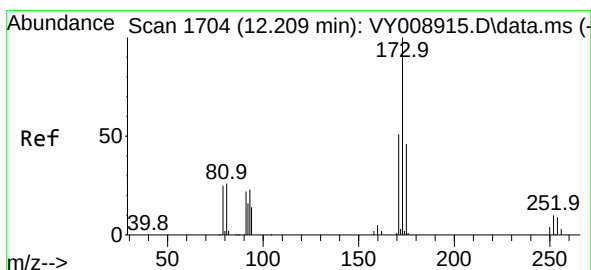
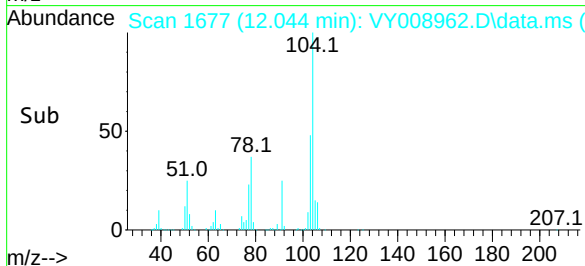
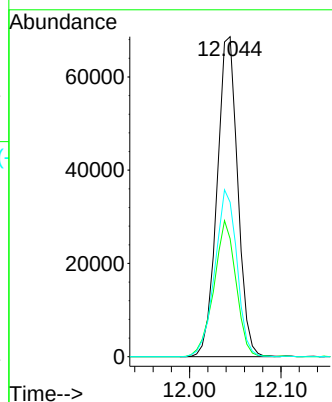
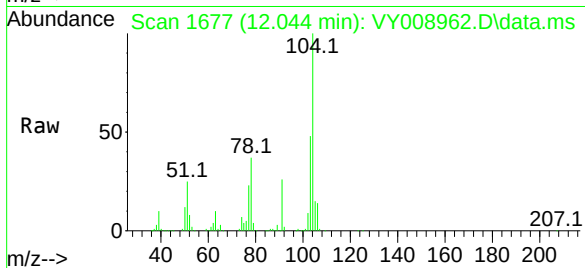
Tgt Ion:104 Resp: 107857

Ion Ratio Lower Upper

104 100

78 45.4 42.4 63.6

103 55.7 44.4 66.6



#71

Bromoform

Concen: 45.455 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

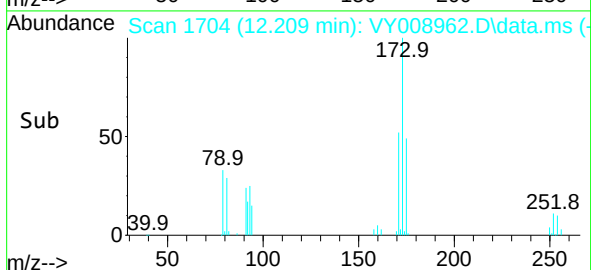
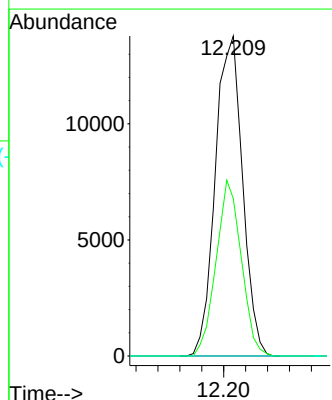
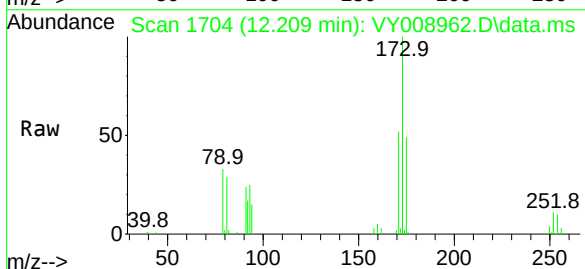
Tgt Ion:173 Resp: 23801

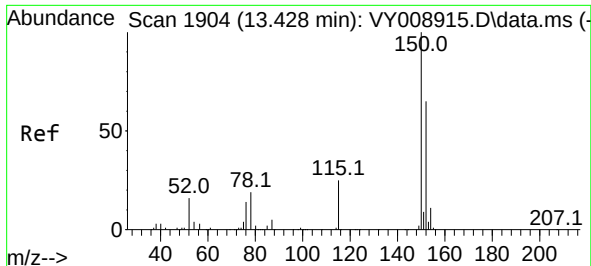
Ion Ratio Lower Upper

173 100

175 50.7 24.6 74.0

254 0.0 0.0 0.0

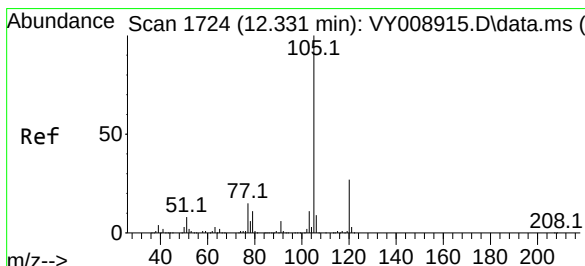
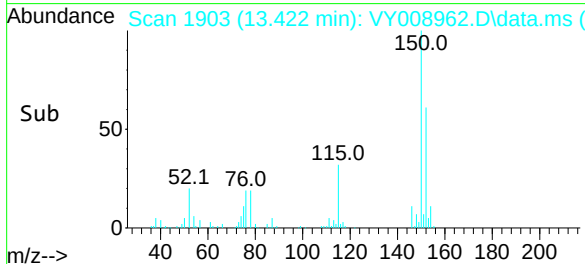
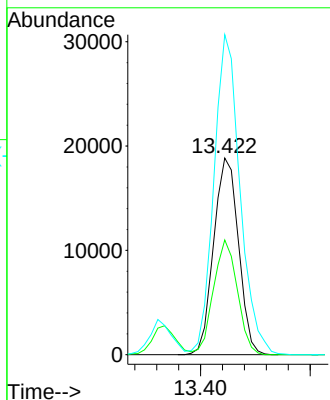
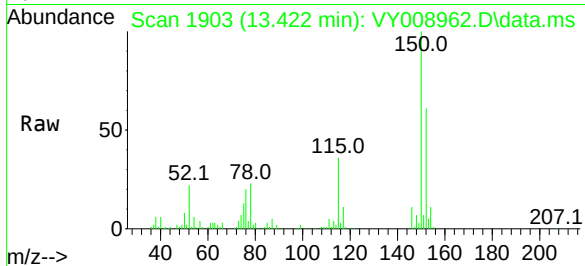




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

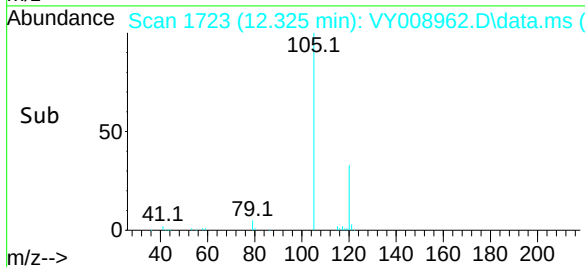
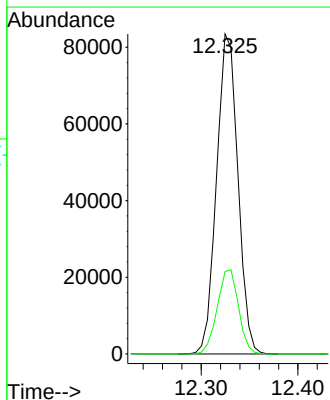
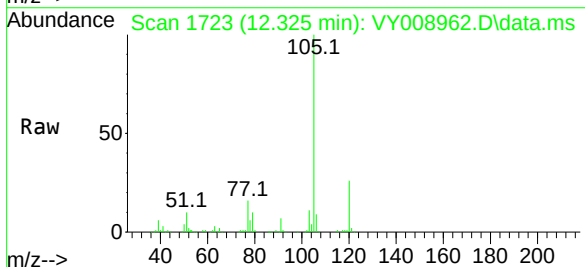
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

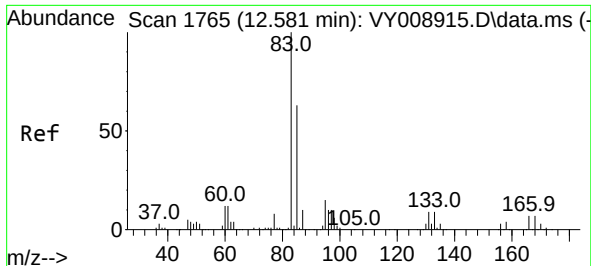
Tgt Ion:152 Resp: 29658
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 171.6 0.0 347.6



#73
Isopropylbenzene
Concen: 57.545 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:105 Resp: 127616
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2

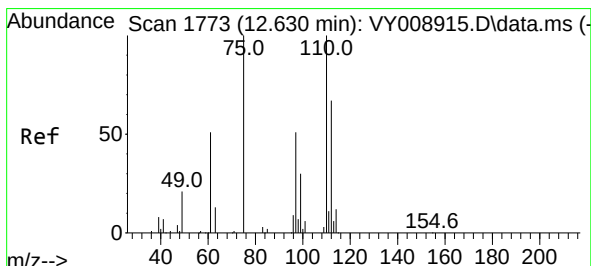
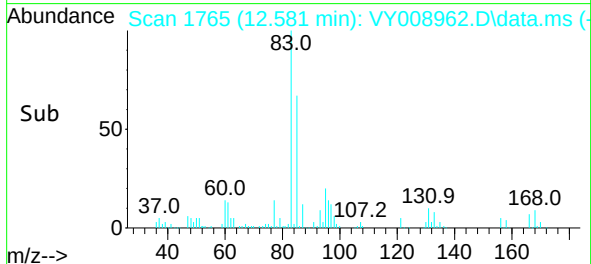
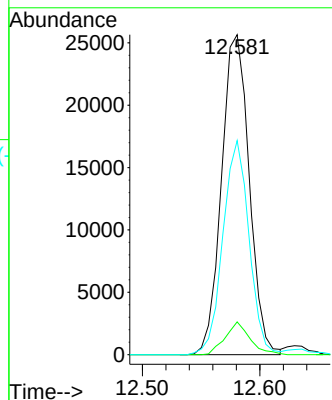
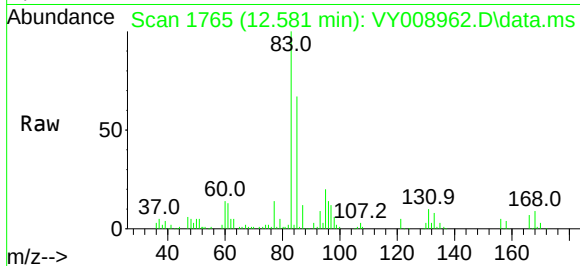




#75
1,1,2,2-Tetrachloroethane
Concen: 92.188 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

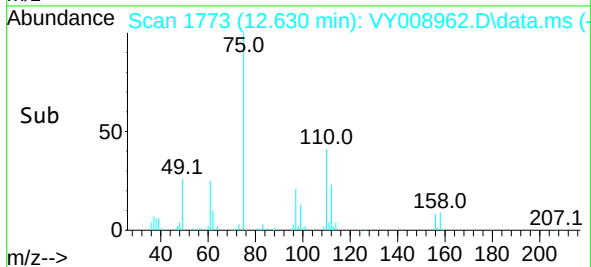
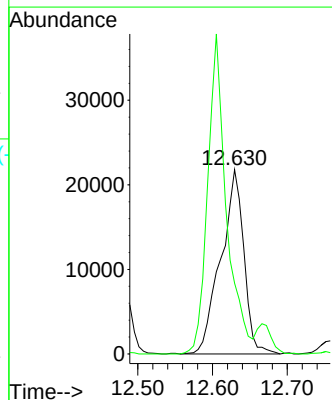
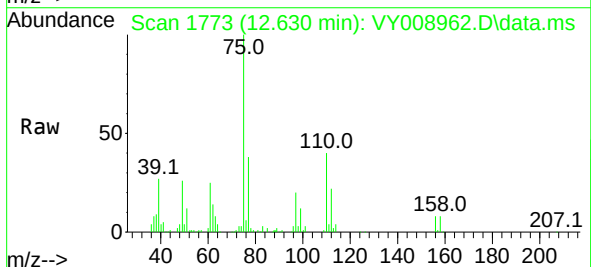
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

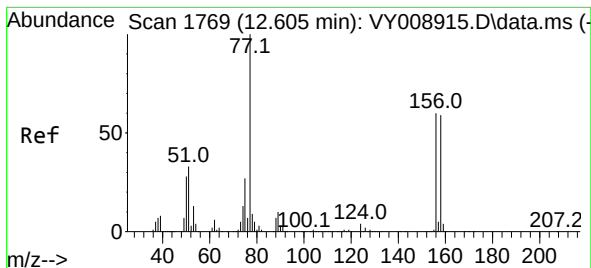
Tgt Ion: 83 Resp: 42114
Ion Ratio Lower Upper
83 100
131 9.2 5.6 16.8
85 63.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 147.015 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 75 Resp: 46823
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 69.543 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

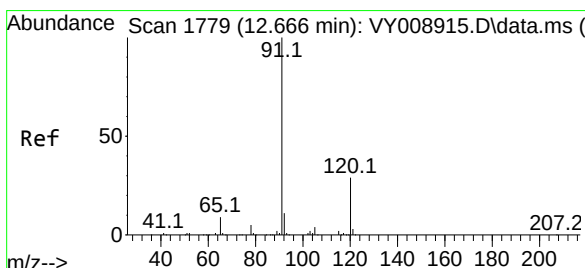
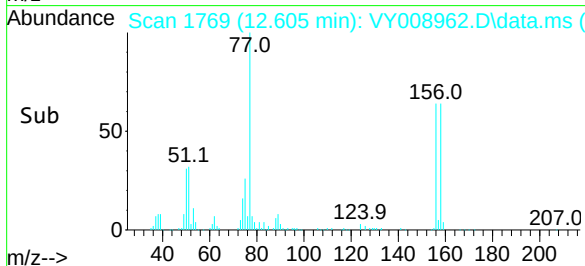
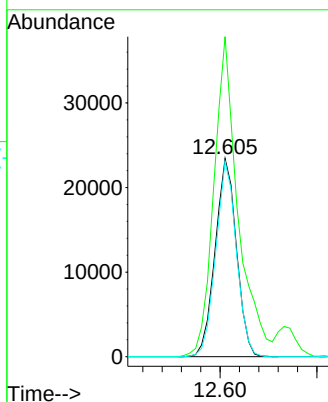
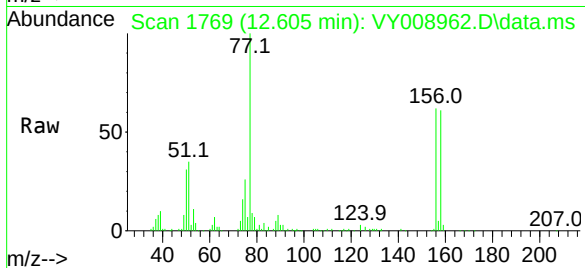
Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

Tgt Ion:	156	Resp:	35750
Ion Ratio	Lower	Upper	
156	100		
77	184.1	95.5	286.4
158	95.6	48.0	144.0



#78

n-propylbenzene

Concen: 51.736 ug/l

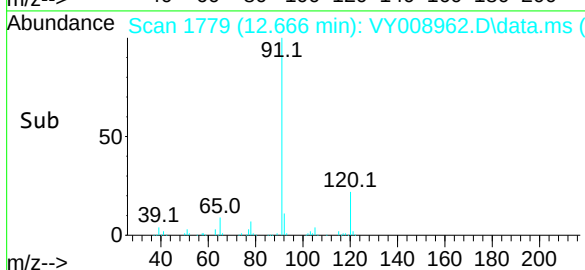
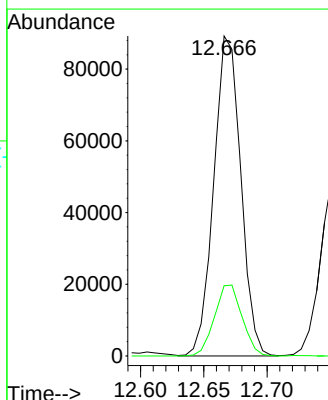
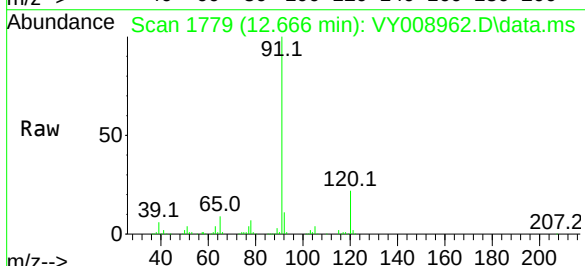
RT: 12.666 min Scan# 1779

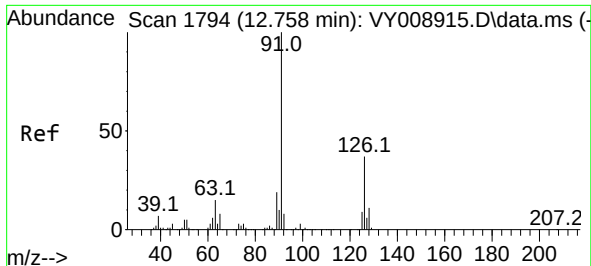
Delta R.T. 0.000 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Tgt Ion:	91	Resp:	132558
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9

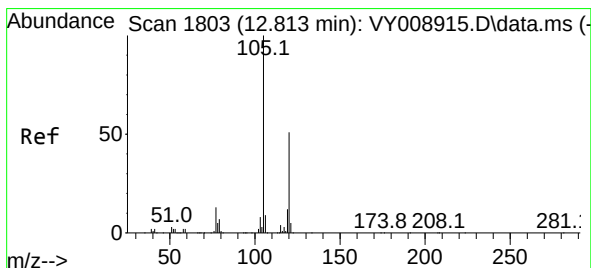
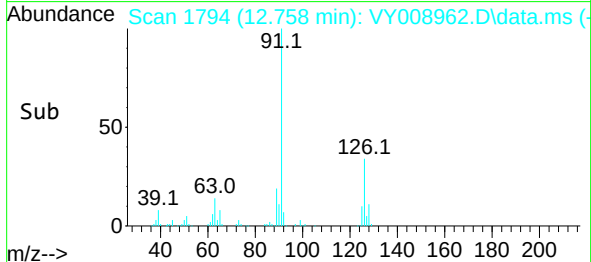
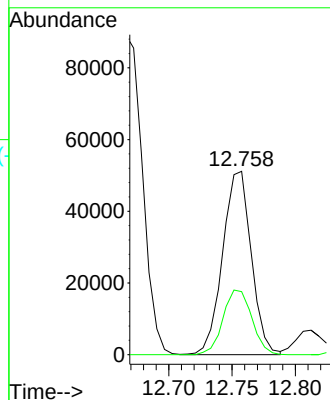
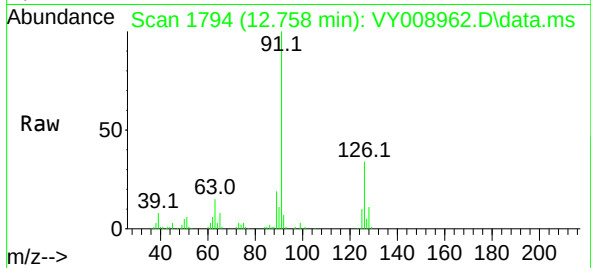




#79
2-Chlorotoluene
Concen: 54.682 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

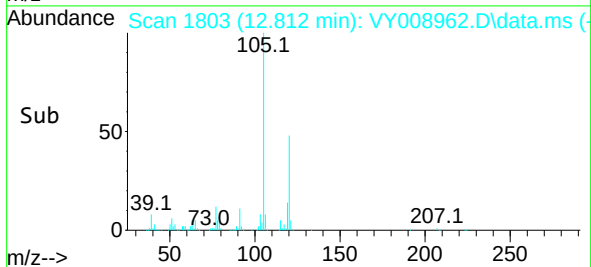
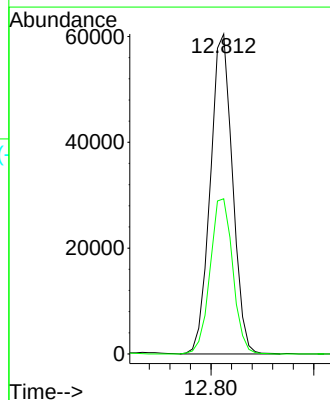
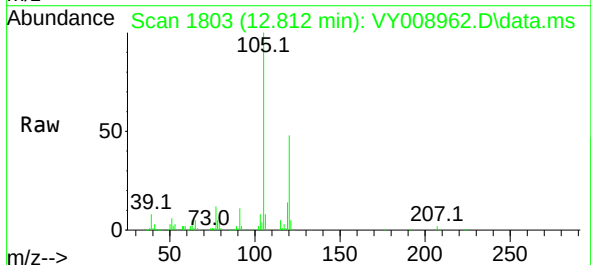
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

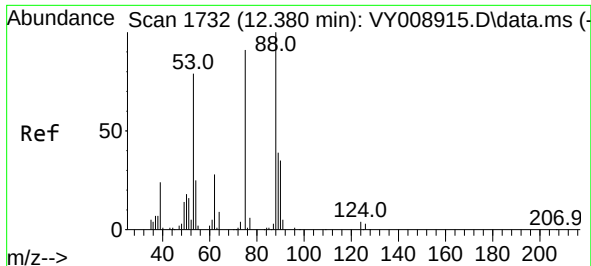
Tgt Ion: 91 Resp: 80816
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 48.863 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 105 Resp: 90827
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4

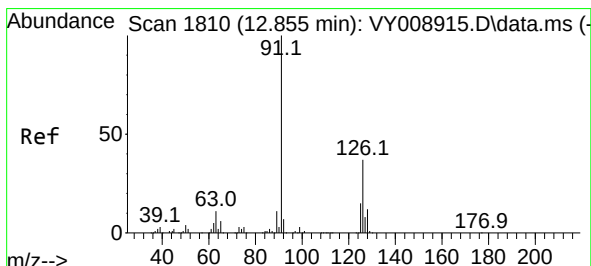
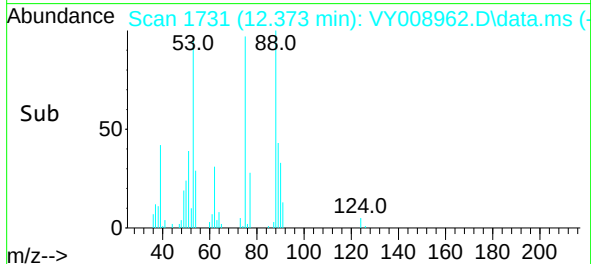
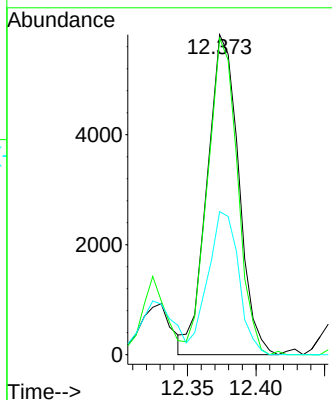
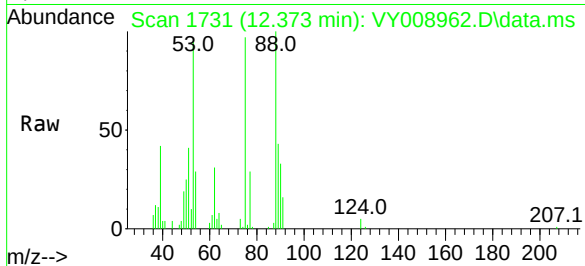




#81
trans-1,4-Dichloro-2-butene
Concen: 59.979 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

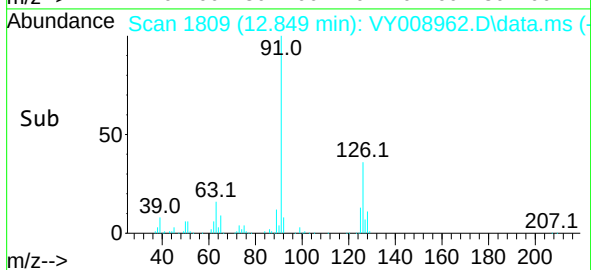
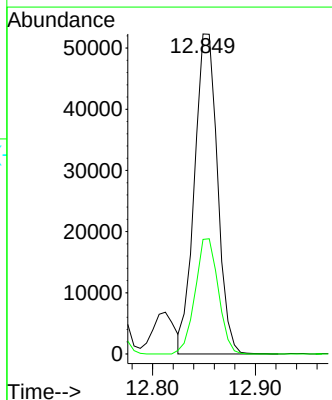
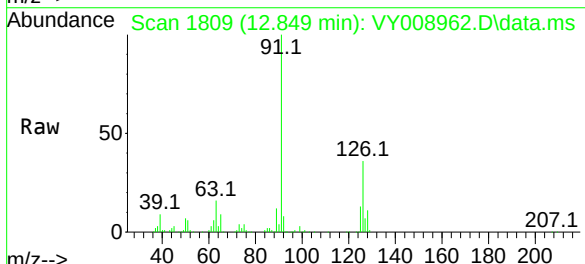
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

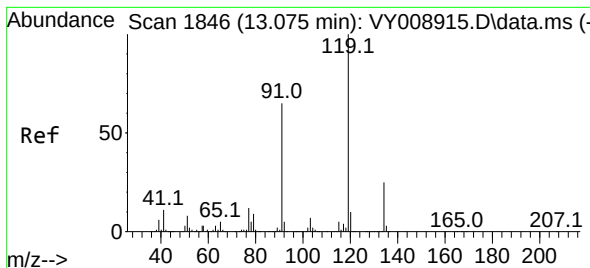
Tgt Ion: 75 Resp: 9307
Ion Ratio Lower Upper
75 100
53 93.4 85.3 127.9
89 43.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.532 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion: 91 Resp: 81459
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0

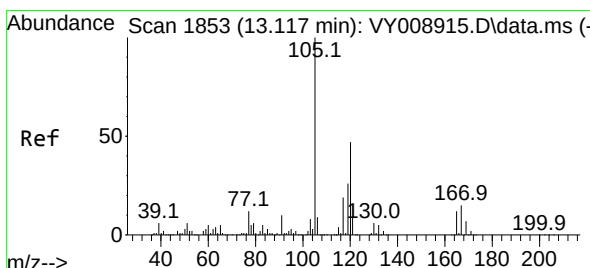
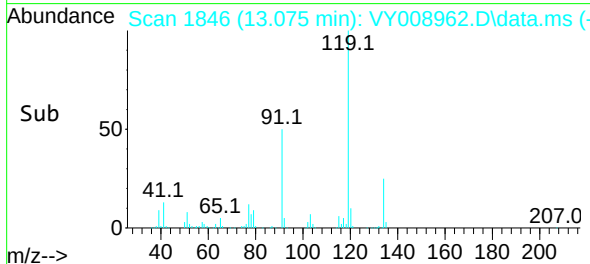
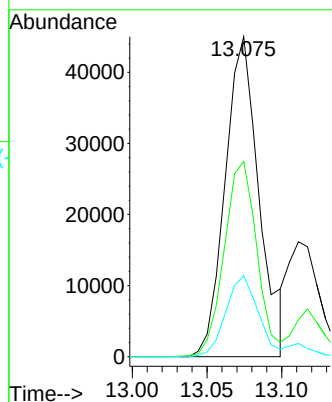
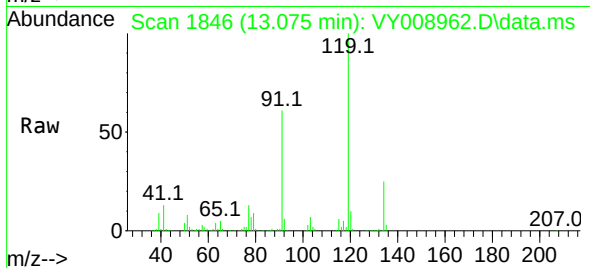




#83
 tert-Butylbenzene
 Concen: 43.066 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

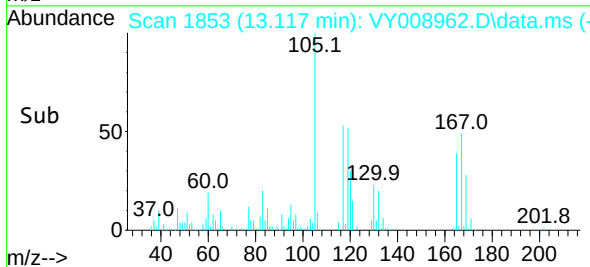
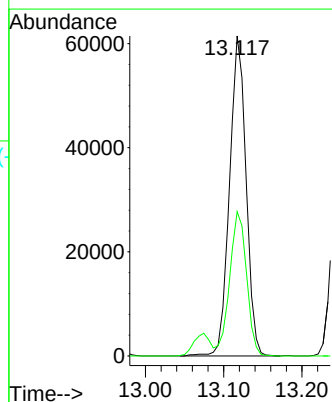
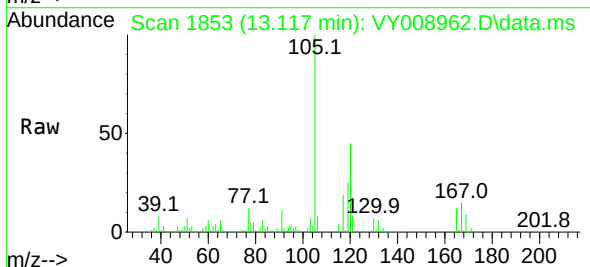
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

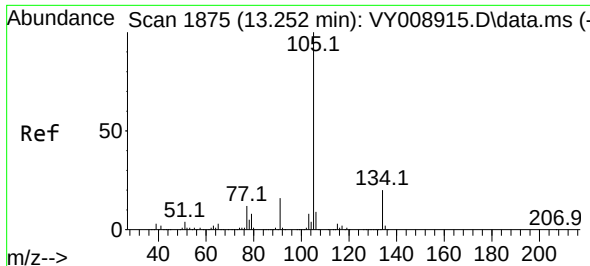
Tgt Ion:	119	Resp:	71020
Ion	Ratio	Lower	Upper
119	100		
91	58.9	34.8	104.4
134	24.2	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.803 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion:	105	Resp:	90053
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.3	66.9

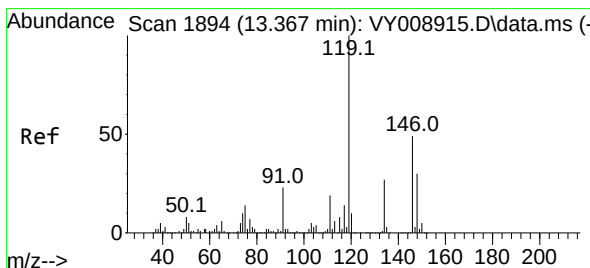
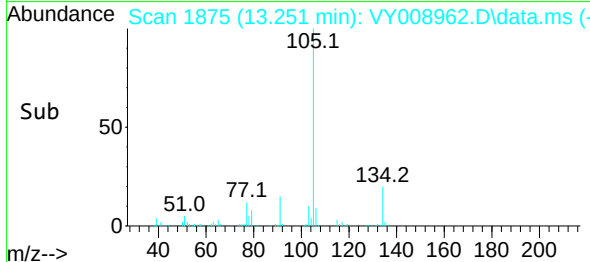
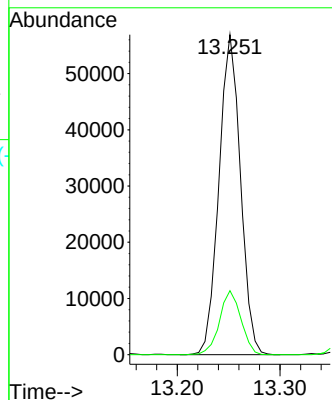
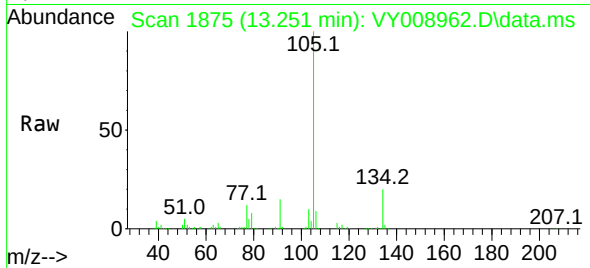




#85
 sec-Butylbenzene
 Concen: 32.719 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

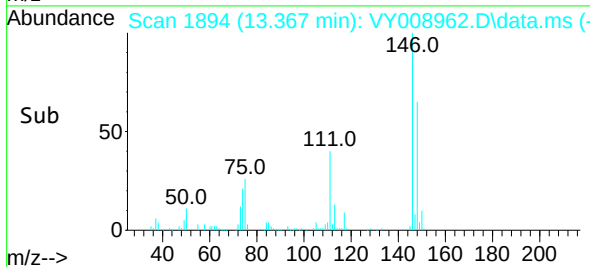
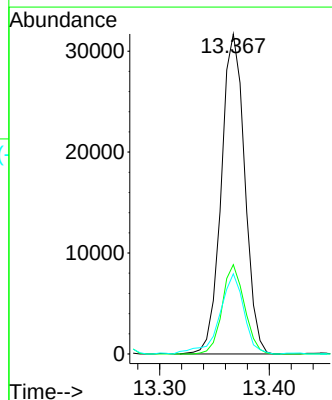
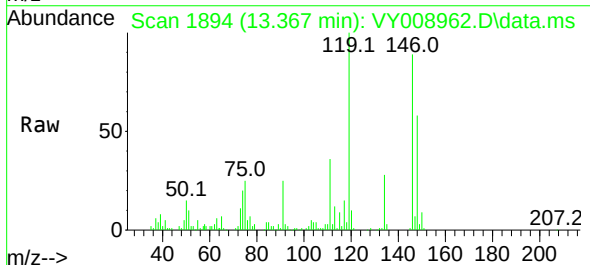
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

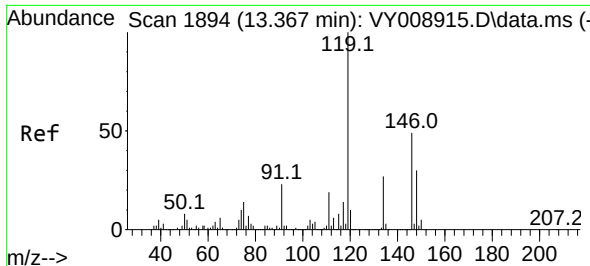
Tgt Ion:105 Resp: 82554
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.357 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion:119 Resp: 47041
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 41.584 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

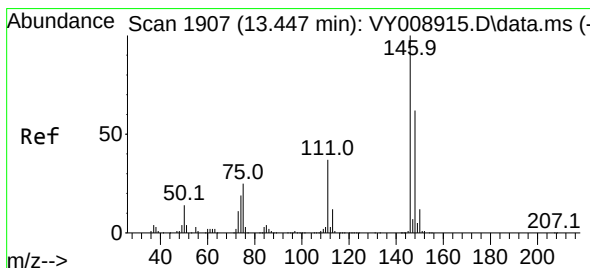
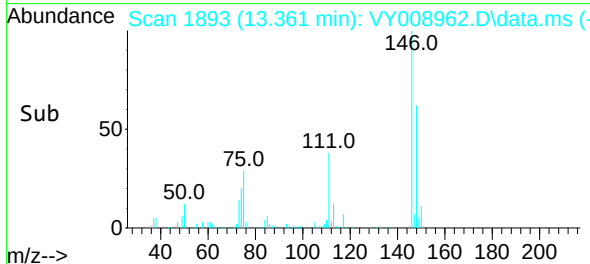
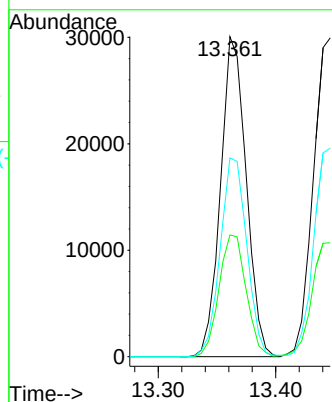
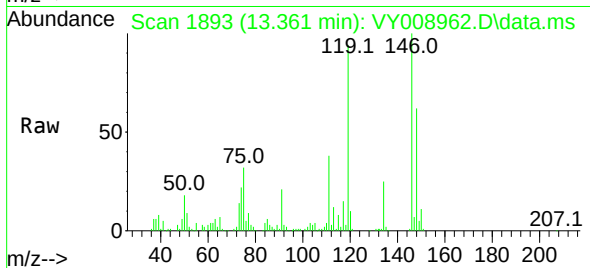
Tgt Ion:146 Resp: 45601

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 43.143 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

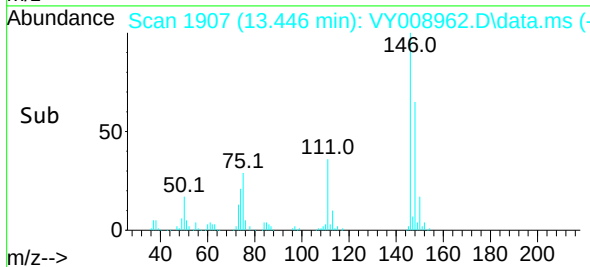
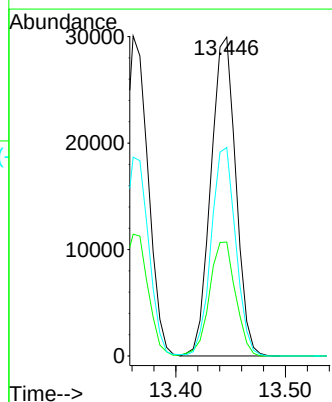
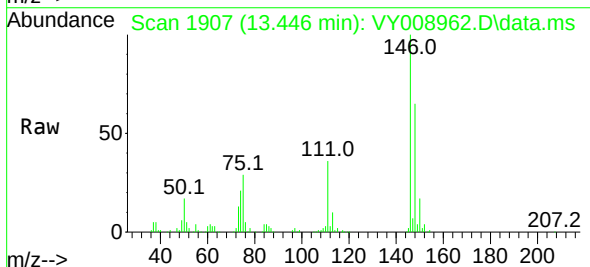
Tgt Ion:146 Resp: 47531

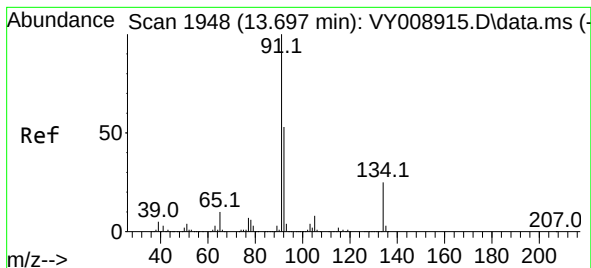
Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.8

148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 19.964 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

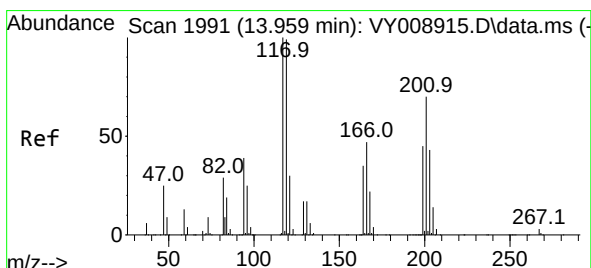
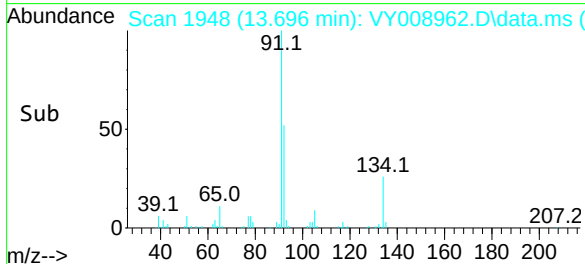
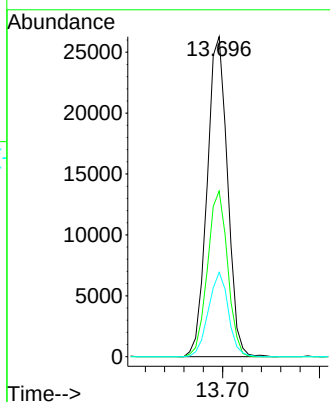
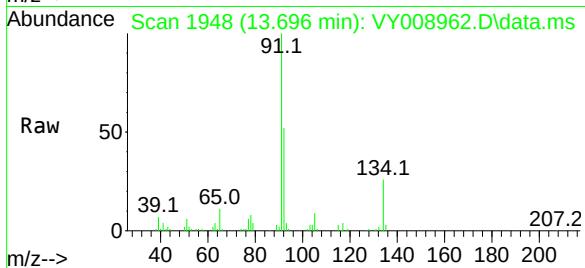
Tgt Ion: 91 Resp: 38428

Ion Ratio Lower Upper

91 100

92 51.1 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 32.070 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008962.D

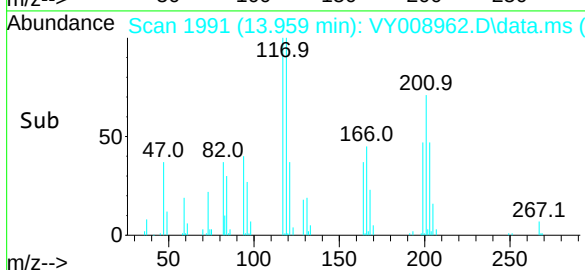
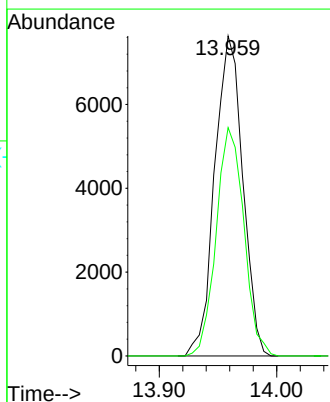
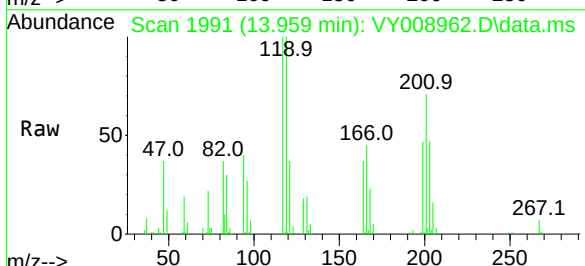
Acq: 21 May 2022 20:07

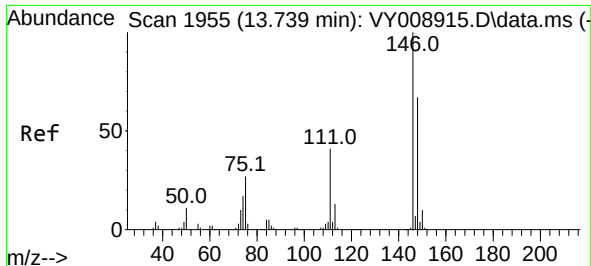
Tgt Ion: 117 Resp: 12645

Ion Ratio Lower Upper

117 100

201 70.6 43.0 128.8

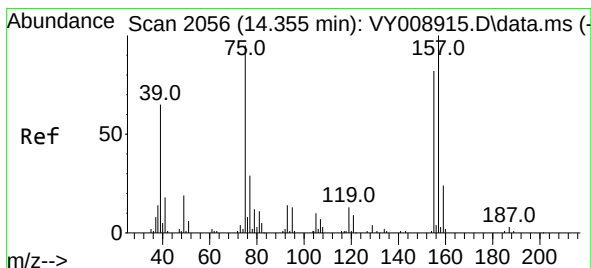
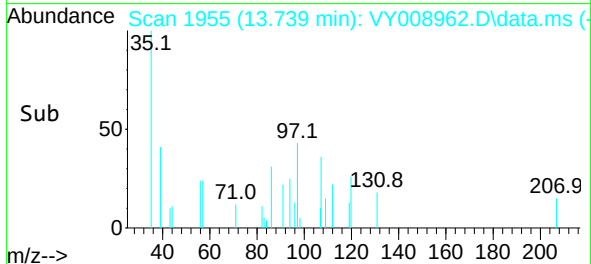
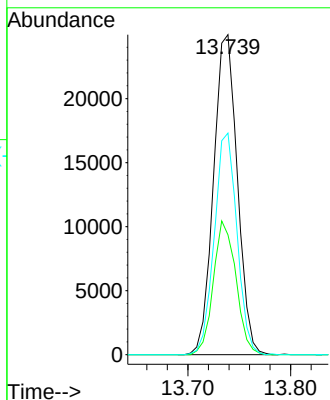
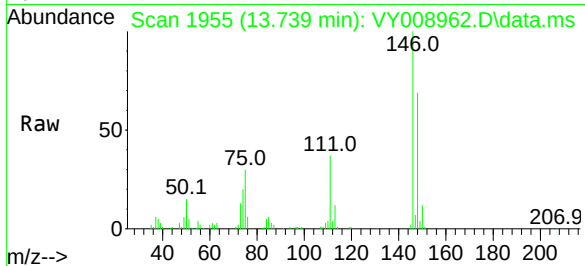




#91
1,2-Dichlorobenzene
Concen: 41.535 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

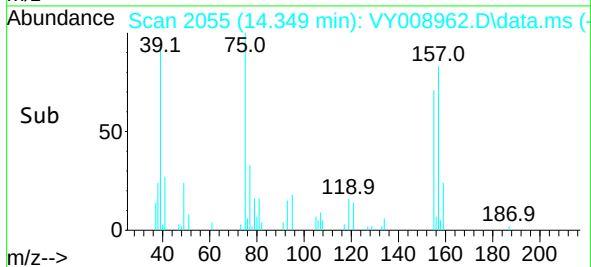
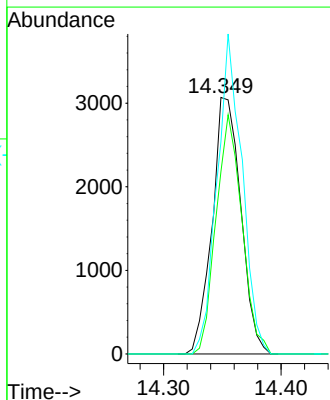
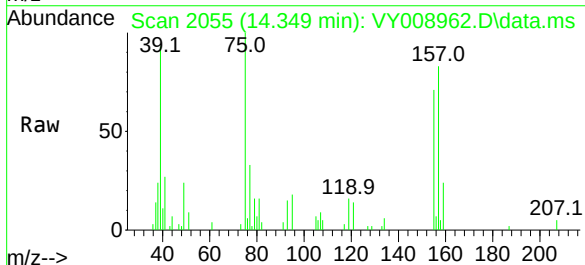
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01MS

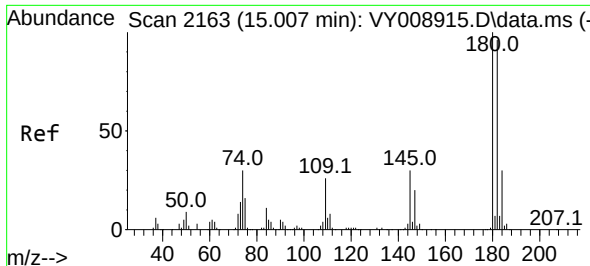
Tgt Ion:	146	Resp:	40206
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.3	60.9
148	66.1	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 73.417 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY008962.D
Acq: 21 May 2022 20:07

Tgt Ion:	75	Resp:	5207
Ion Ratio	Lower	Upper	
75	100		
155	84.0	38.0	113.9
157	108.8	47.8	143.3

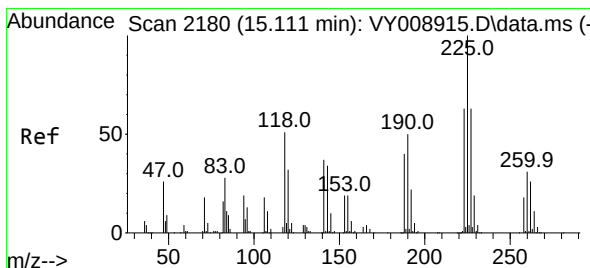
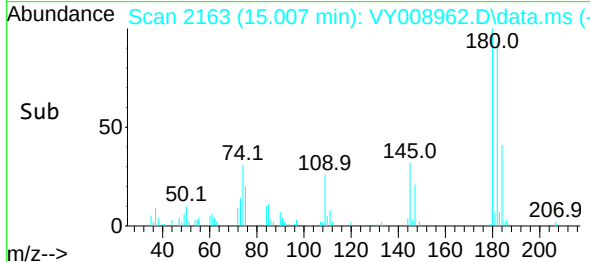
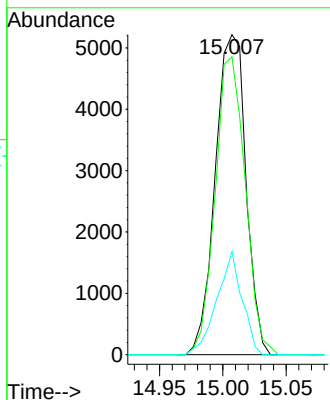
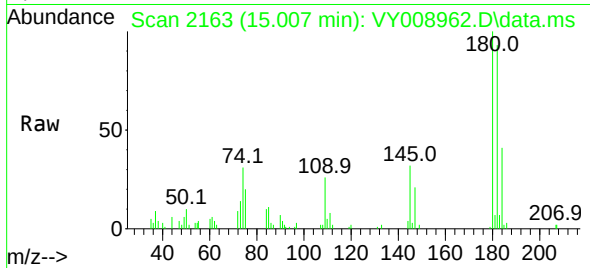




#93
 1,2,4-Trichlorobenzene
 Concen: 16.557 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

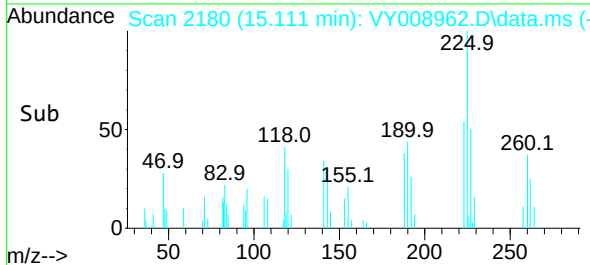
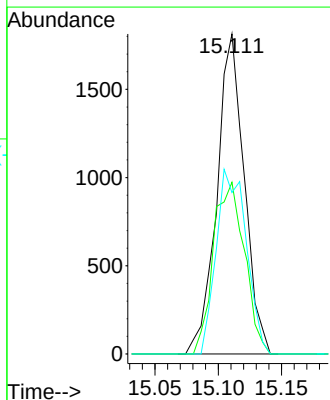
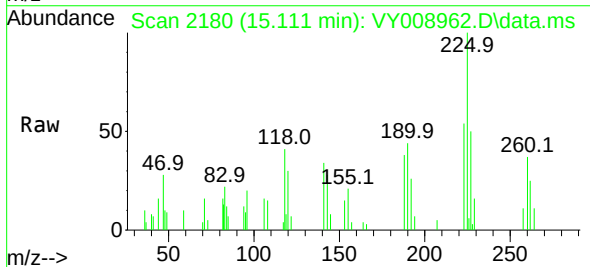
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01MS

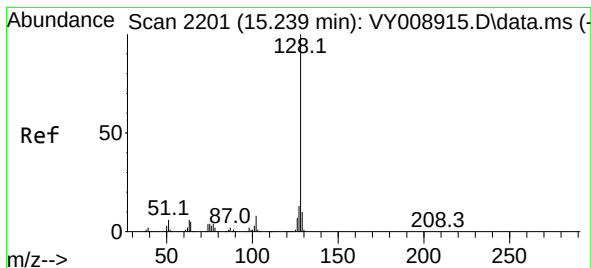
Tgt Ion:	180	Resp:	8796
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.3	141.9
145	26.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 9.411 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY008962.D
 Acq: 21 May 2022 20:07

Tgt Ion:	225	Resp:	2725
Ion Ratio	Lower	Upper	
225	100		
223	61.2	30.8	92.3
227	63.3	31.6	94.7





#95

Naphthalene

Concen: 27.732 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-01MS

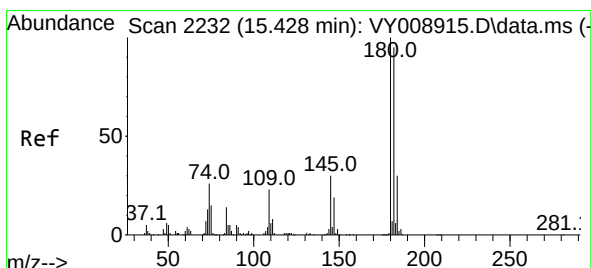
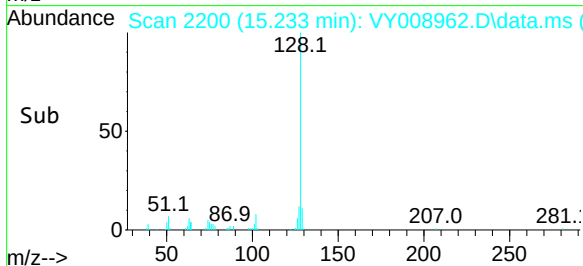
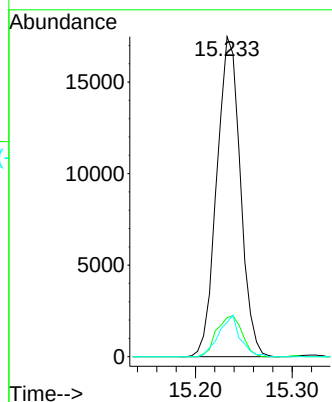
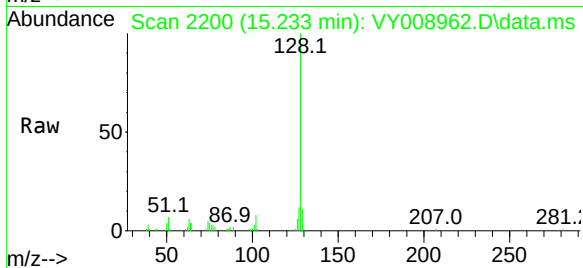
Tgt Ion:128 Resp: 29597

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

129 11.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 14.201 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008962.D

Acq: 21 May 2022 20:07

Tgt Ion:180 Resp: 6556

Ion Ratio Lower Upper

180 100

182 100.9 47.3 141.9

145 30.7 15.3 45.9

