

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068472.D
 Acq On : 14 Sep 2021 15:25
 Operator : JC/MD
 Sample : M3702-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 15 05:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	93203	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	502557	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	473992	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	181461	32.967	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.900%	
60) 4-Bromofluorobenzene	12.734	95	205666	30.442	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.467%	
63) Toluene-d8	10.443	98	623554	30.240	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.800%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.443	62	503807	77.407	ug/l	99
7) Trichlorofluoromethane	3.376	101	766296	95.514	ug/l	99
13) Acrolein	4.044	56	385	1.084	ug/l	99
15) Acetone	4.288	58	58371	111.881	ug/l	97
18) Methylene Chloride	5.101	84	571274	112.361	ug/l	99
21) 1,1-Dichloroethane	6.391	63	587406	75.132	ug/l	99
23) tert-Butyl Alcohol	5.599	59	1805	2.333	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	1962550	135.700	ug/l	99
25) Chloroform	7.820	83	681104	72.792	ug/l	100
30) 2-Butanone	7.340	43	163946	63.771	ug/l #	97
33) Carbon Tetrachloride	8.209	117	970225	113.476	ug/l	99
34) Benzene	8.464	78	702423	34.197	ug/l	97
36) 1,2-Dichloroethane	8.531	62	808176	116.858	ug/l	100
37) Trichloroethene	9.217	130	223011	33.882	ug/l	99
39) 1,2-Dichloropropane	9.491	63	434355	89.847	ug/l	98
40) Dibromomethane	9.580	93	155940	39.260	ug/l	98
41) Bromodichloromethane	9.762	83	164373	21.414	ug/l	98
45) 1,4-Dioxane	9.580	88	780	8.311	ug/l #	36
47) n-amyl Acetate	12.390	43	6802	1.044	ug/l #	89
48) t-1,3-Dichloropropene	10.719	75	483712	62.239	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	795281	95.210	ug/l	98
53) Dibromochloromethane	11.240	129	435030	61.636	ug/l	100
54) 1,2-Dibromoethane	11.350	107	191005	31.028	ug/l	99
56) Bromoform	12.460	173	200363	35.344	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	5128	0.919	ug/l #	86
59) 2-Hexanone	11.089	43	514298	132.994	ug/l	100
61) Tetrachloroethene	10.980	164	385832	56.613	ug/l	98
62) Toluene	10.508	91	1514032	60.690	ug/l	99
64) Chlorobenzene	11.773	112	560226	34.049	ug/l	99
67) m/p-Xylenes	11.956	106	750890	67.189	ug/l	100
68) o-Xylene	12.283	106	703273	63.736	ug/l	97
69) Styrene	12.296	104	1845916	105.501	ug/l	97
70) Isopropylbenzene	12.581	105	7232	0.258	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	1026585	134.617	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	665509	104.830	ug/l	1
73) Bromobenzene	12.862	156	2087	0.262	ug/l #	1
74) n-propylbenzene	12.921	91	7519	0.249	ug/l	73
75) 2-Chlorotoluene	13.010	91	4470	0.246	ug/l	87
76) 1,3,5-Trimethylbenzene	13.061	105	2387405	102.066	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068472.D
 Acq On : 14 Sep 2021 15:25
 Operator : JC/MD
 Sample : M3702-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 15 05:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

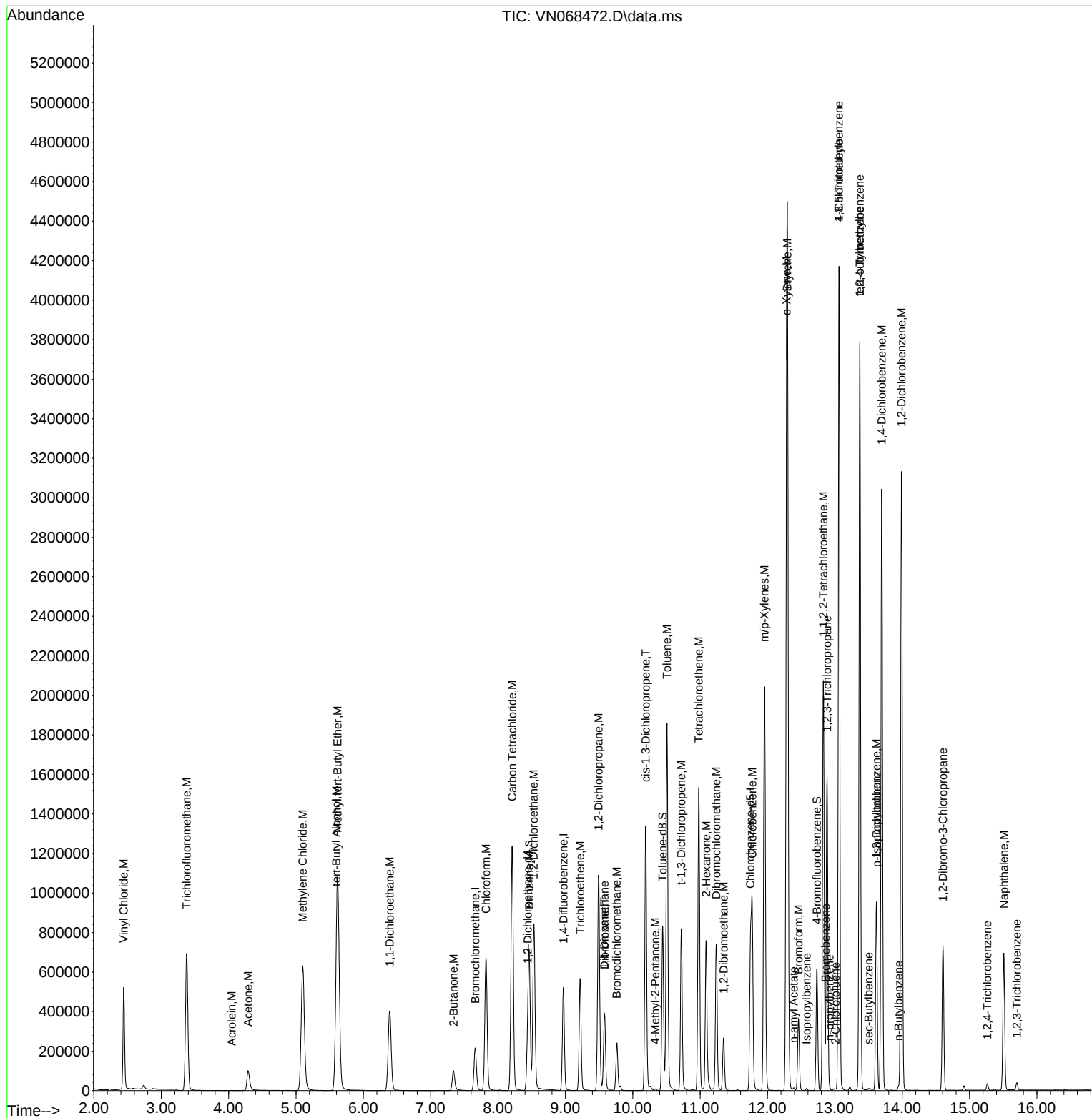
78) 4-Chlorotoluene	13.061	91	243273	13.941	ug/l	38
79) tert-butylbenzene	13.372	119	291675	13.573	ug/l	66
80) 1,2,4-Trimethylbenzene	13.372	105	2261539	99.938	ug/l #	62
81) sec-Butylbenzene	13.501	105	6577	0.232	ug/l	85
82) p-Isopropyltoluene	13.621	119	8663	0.356	ug/l	89
83) 1,3-Dichlorobenzene	13.619	146	455429	32.945	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	1470884	111.070	ug/l	98
85) n-Butylbenzene	13.946	91	13028	0.752	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	1540450	115.962	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.606	75	174733	135.503	ug/l	96
89) 1,2,4-Trichlorobenzene	15.263	180	12774	1.990	ug/l	98
91) Naphthalene	15.509	128	692504	50.015	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	14794	2.448	ug/l	98

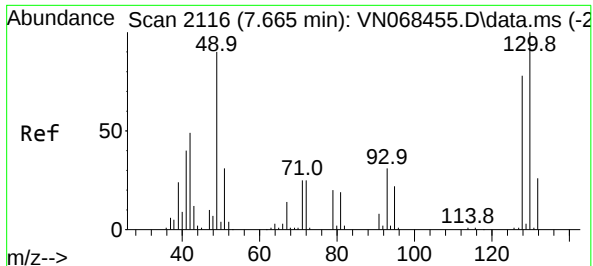
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068472.D
 Acq On : 14 Sep 2021 15:25
 Operator : JC/MD
 Sample : M3702-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 15 05:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

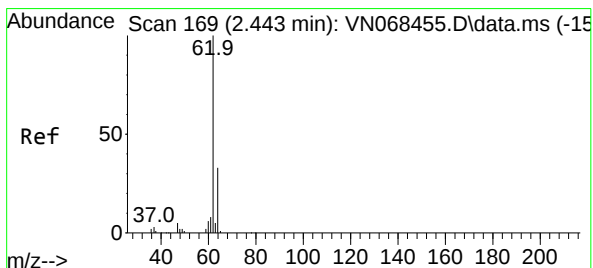
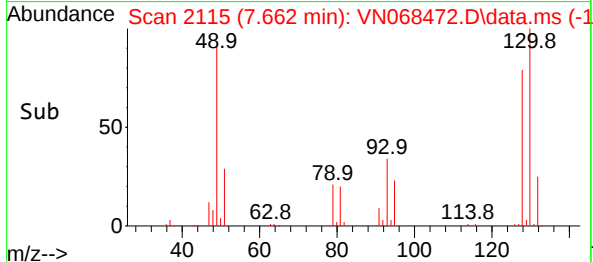
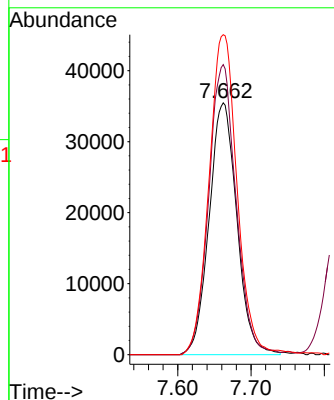
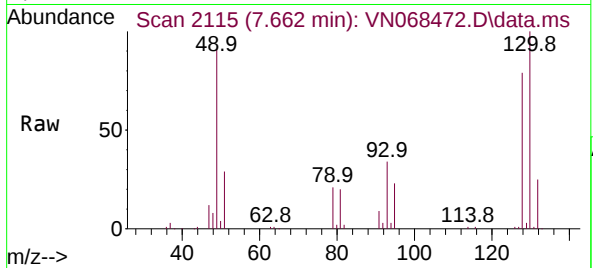




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

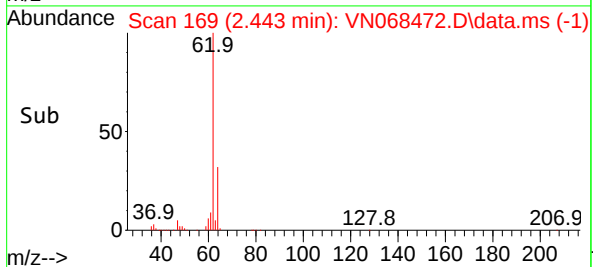
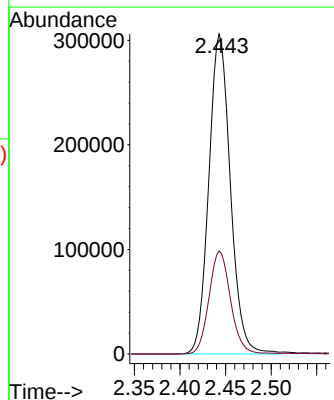
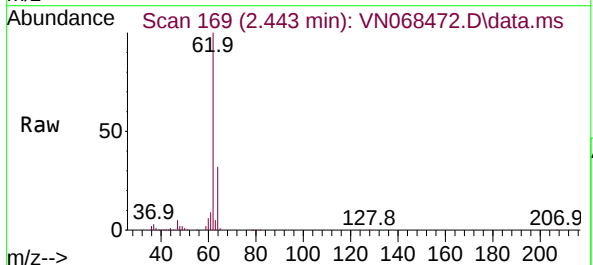
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

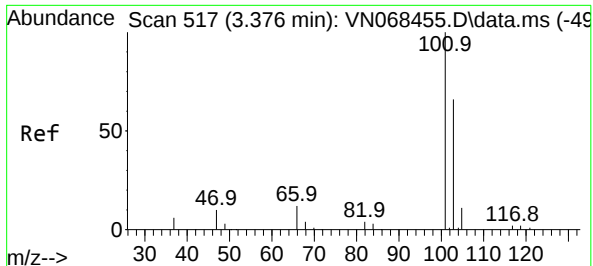
Tgt Ion:128 Resp: 93203
Ion Ratio Lower Upper
128 100
49 114.1 0.0 292.5
130 127.8 0.0 325.0



#4
Vinyl Chloride
Concen: 77.407 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 62 Resp: 503807
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

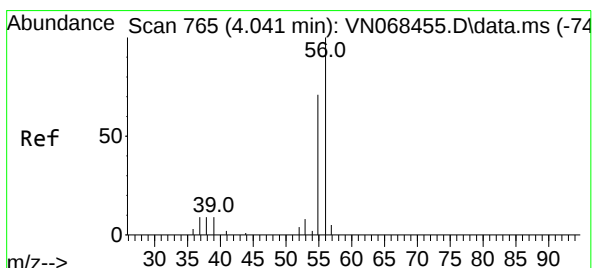
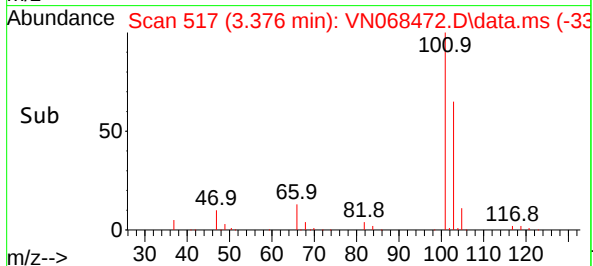
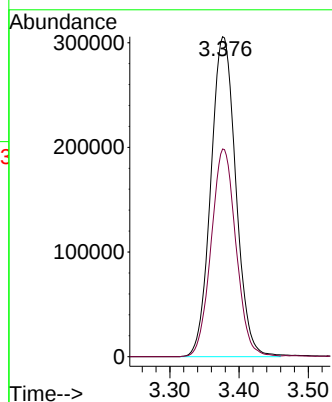
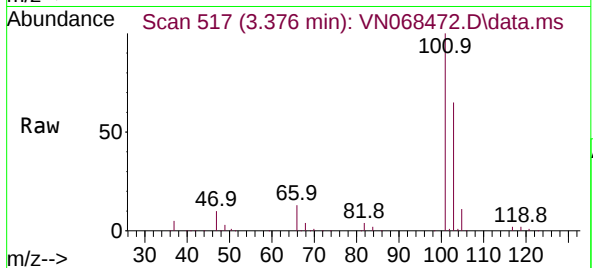




#7
 Trichlorofluoromethane
 Concen: 95.514 ug/l
 RT: 3.376 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

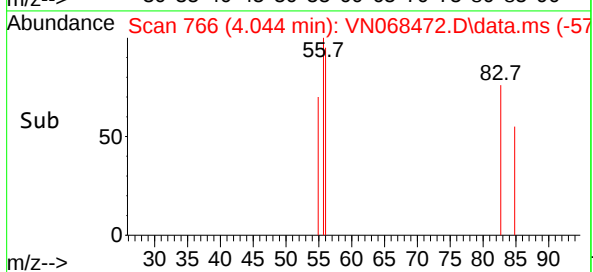
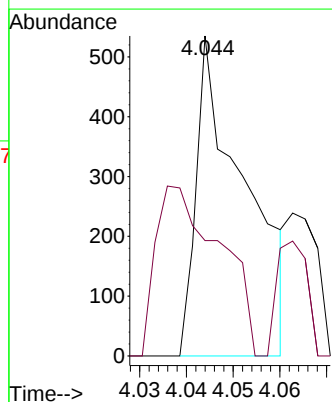
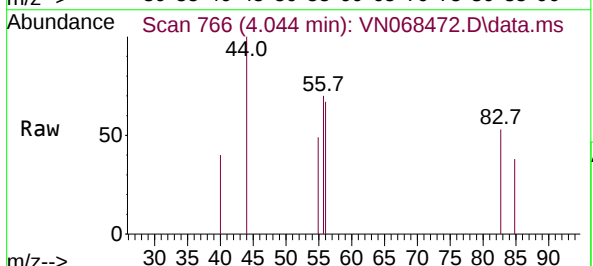
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

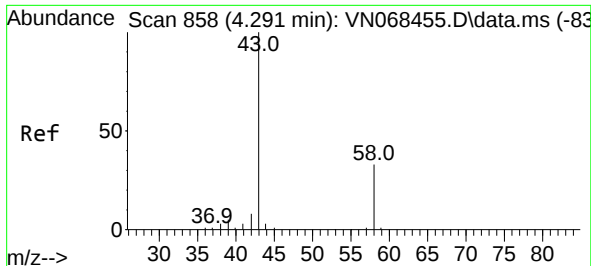
Tgt Ion:101 Resp: 766296
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6



#13
 Acrolein
 Concen: 1.084 ug/l
 RT: 4.044 min Scan# 766
 Delta R.T. 0.003 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

Tgt Ion: 56 Resp: 385
 Ion Ratio Lower Upper
 56 100
 55 70.6 57.2 85.8

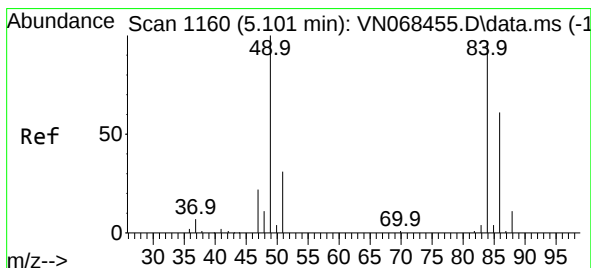
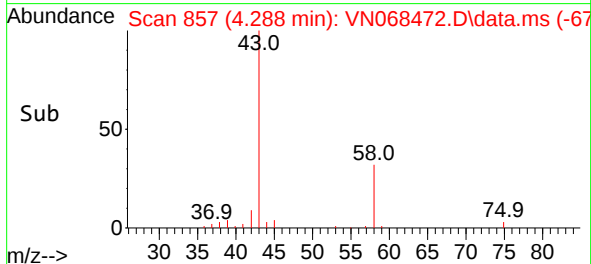
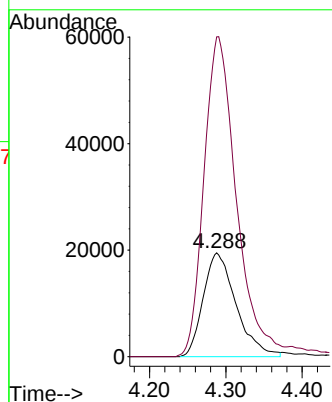
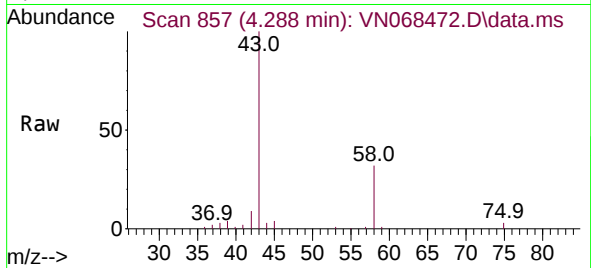




#15
Acetone
Concen: 111.881 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

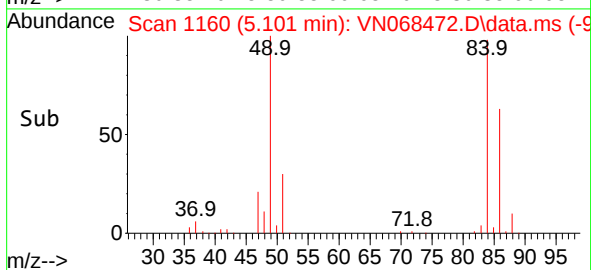
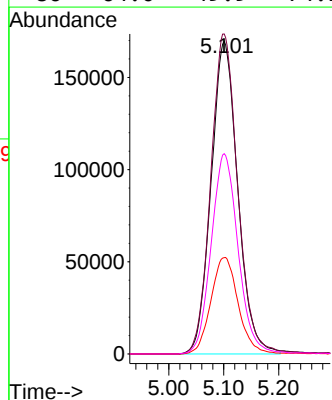
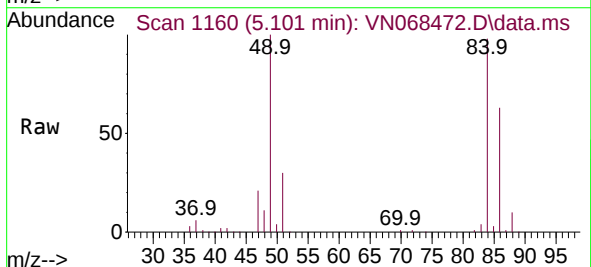
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

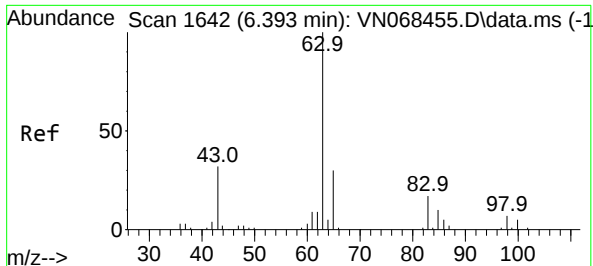
Tgt Ion: 58 Resp: 58371
Ion Ratio Lower Upper
58 100
43 306.0 239.9 359.9



#18
Methylene Chloride
Concen: 112.361 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 84 Resp: 571274
Ion Ratio Lower Upper
84 100
49 102.4 82.4 123.6
51 30.8 25.9 38.9
86 64.0 49.9 74.9





#21

1,1-Dichloroethane

Concen: 75.132 ug/l

RT: 6.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

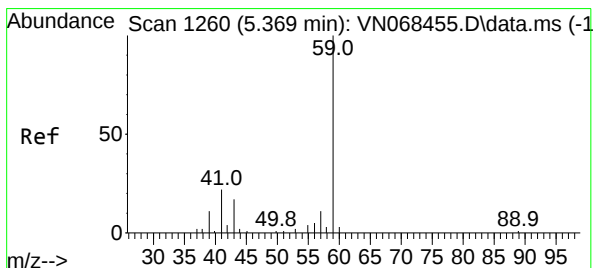
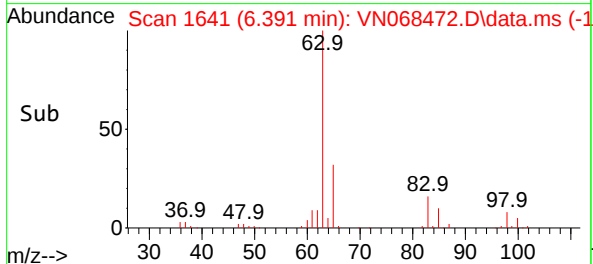
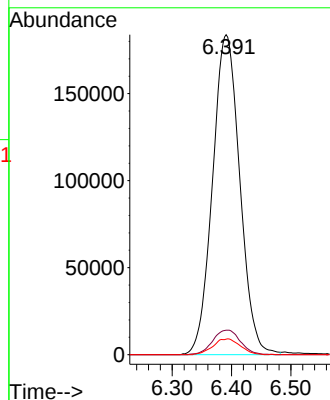
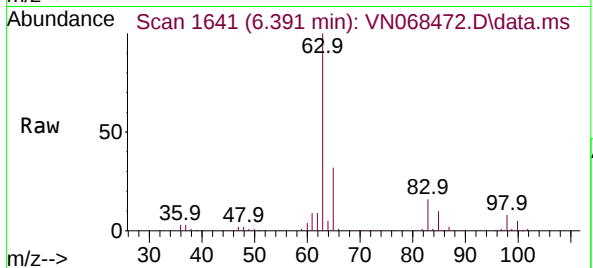
Tgt Ion: 63 Resp: 587406

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.5 7.5



#23

tert-Butyl Alcohol

Concen: 2.333 ug/l

RT: 5.599 min Scan# 1346

Delta R.T. 0.231 min

Lab File: VN068472.D

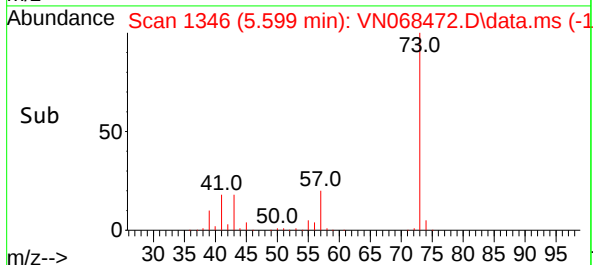
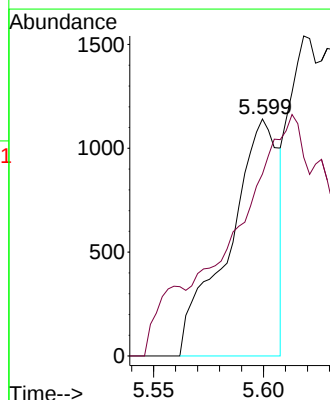
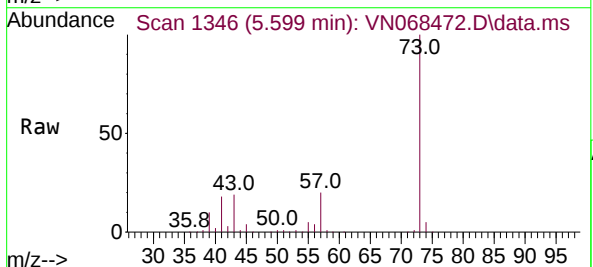
Acq: 14 Sep 2021 15:25

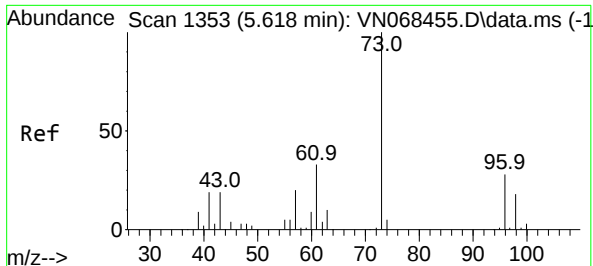
Tgt Ion: 59 Resp: 1805

Ion Ratio Lower Upper

59 100

52 17.4 0.0 0.0#

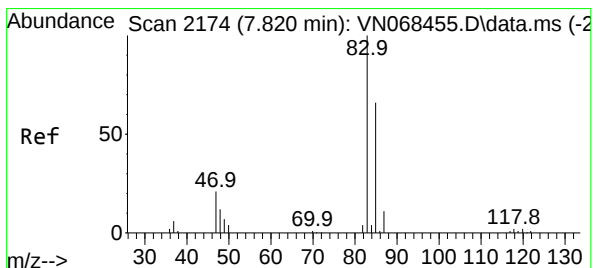
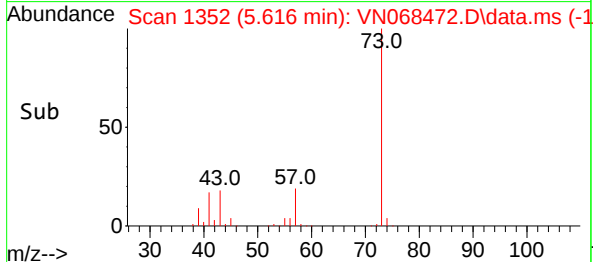
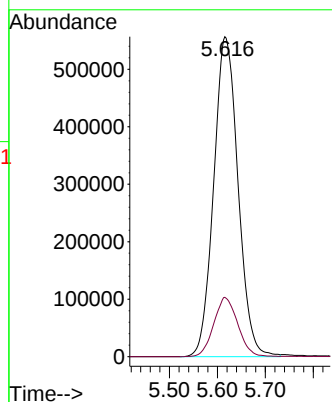
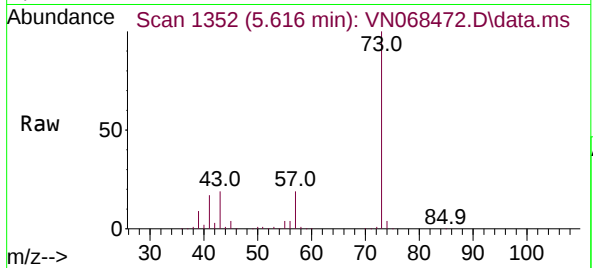




#24
Methyl tert-Butyl Ether
Concen: 135.700 ug/l
RT: 5.616 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

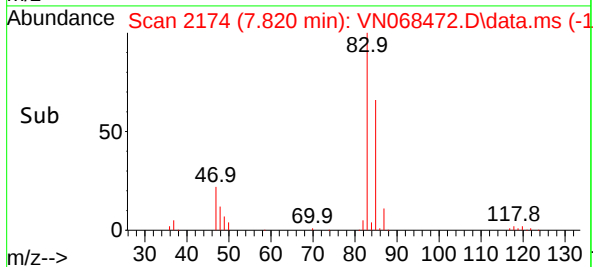
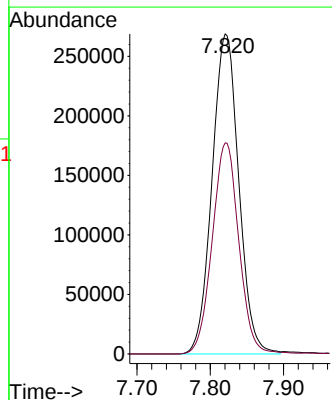
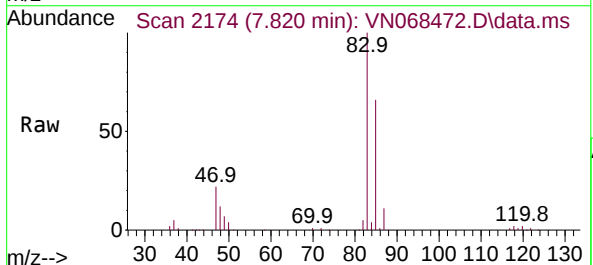
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

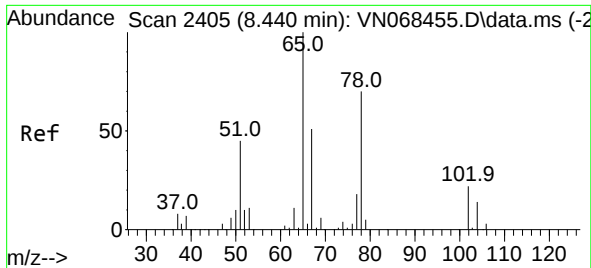
Tgt Ion: 73 Resp: 1962550
Ion Ratio Lower Upper
73 100
43 18.4 14.9 22.3



#25
Chloroform
Concen: 72.792 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 83 Resp: 681104
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8

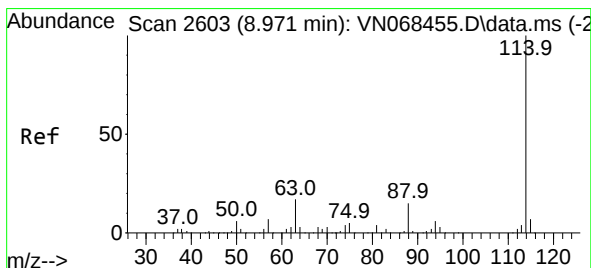
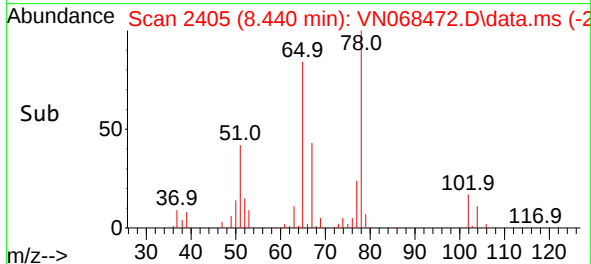
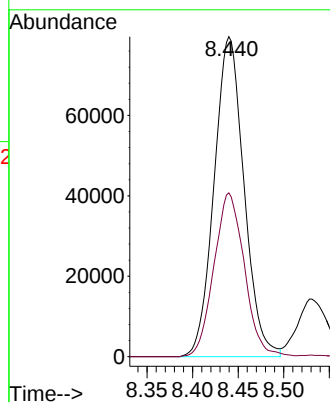
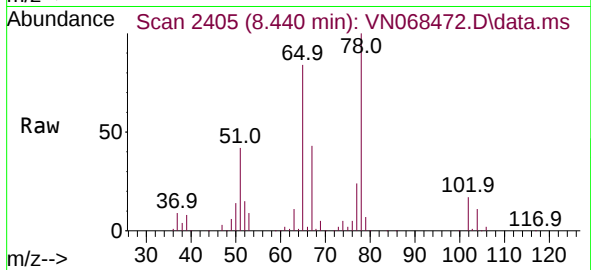




#27
1,2-Dichloroethane-d4
Concen: 32.967 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

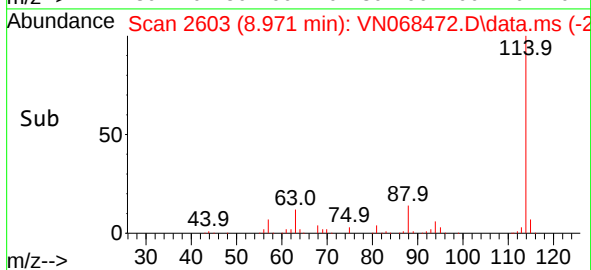
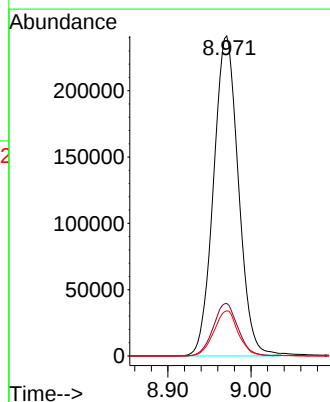
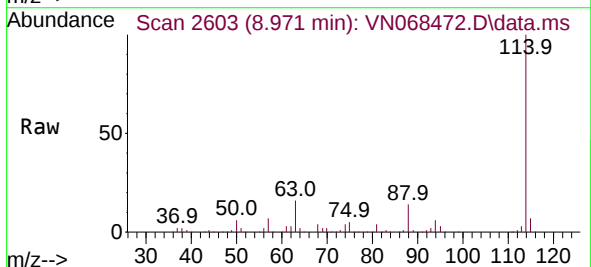
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

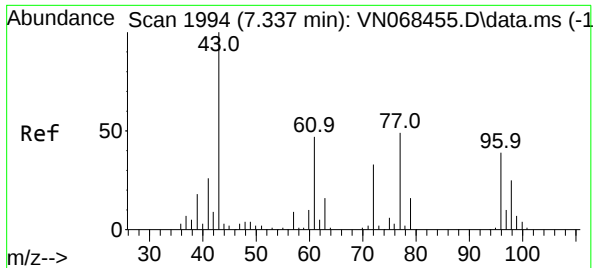
Tgt Ion: 65 Resp: 181461
Ion Ratio Lower Upper
65 100
67 52.2 41.8 62.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 114 Resp: 502557
Ion Ratio Lower Upper
114 100
63 16.4 13.4 20.0
88 13.8 11.1 16.7





#30

2-Butanone

Concen: 63.771 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

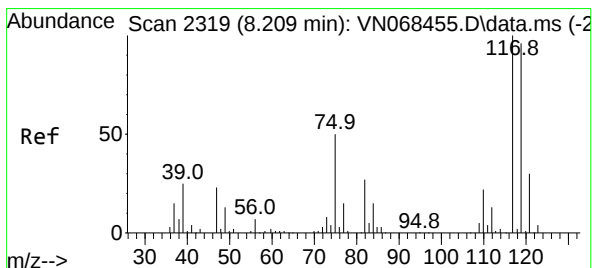
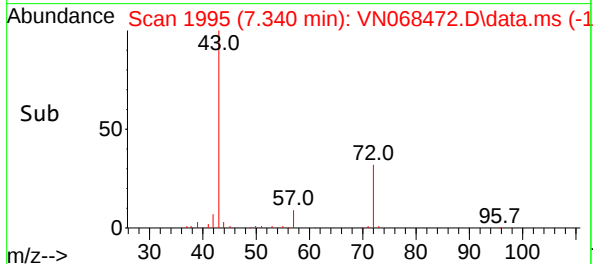
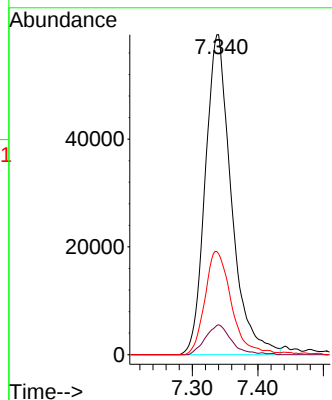
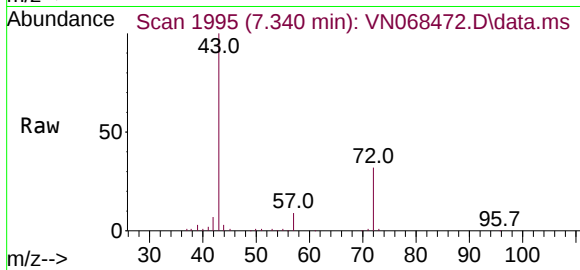
Tgt Ion: 43 Resp: 163946

Ion Ratio Lower Upper

43 100

57 9.1 3.2 4.8#

72 32.3 26.6 39.8



#33

Carbon Tetrachloride

Concen: 113.476 ug/l

RT: 8.209 min Scan# 2319

Delta R.T. 0.000 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

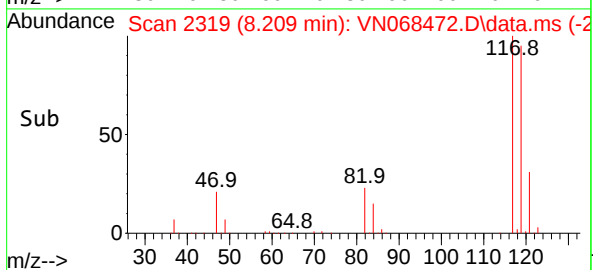
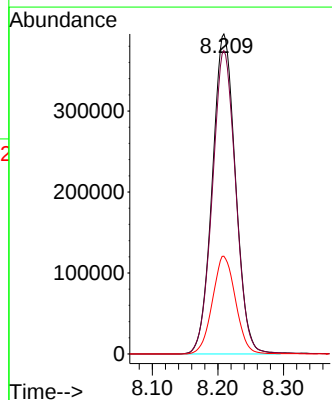
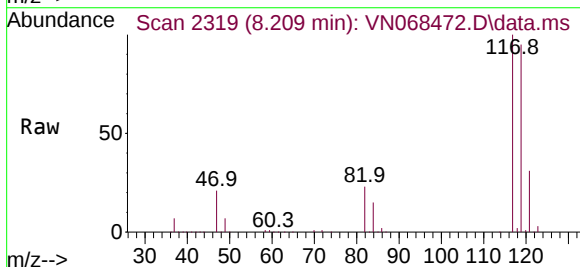
Tgt Ion: 117 Resp: 970225

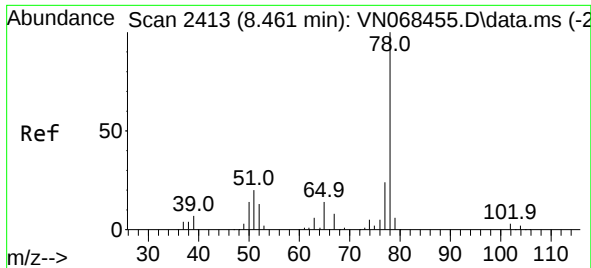
Ion Ratio Lower Upper

117 100

119 94.8 76.8 115.2

121 30.5 24.4 36.6

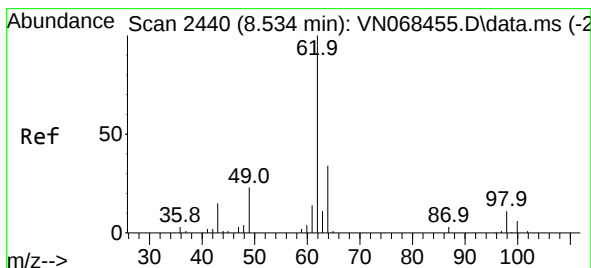
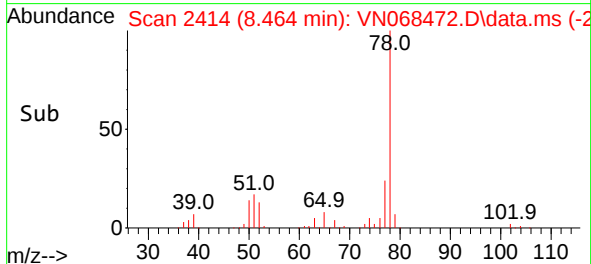
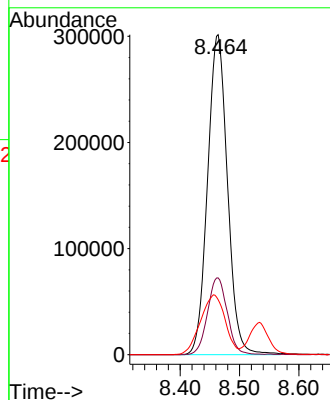
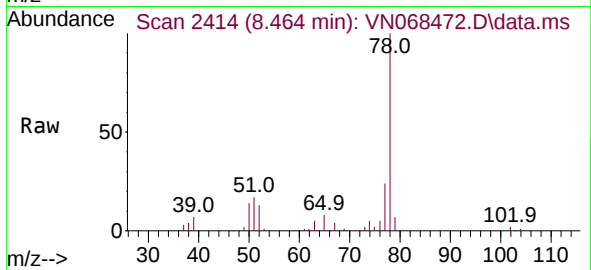




#34
Benzene
Concen: 34.197 ug/l
RT: 8.464 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

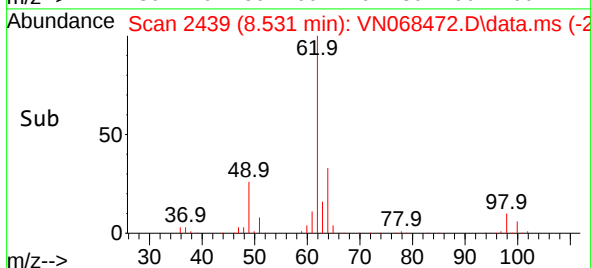
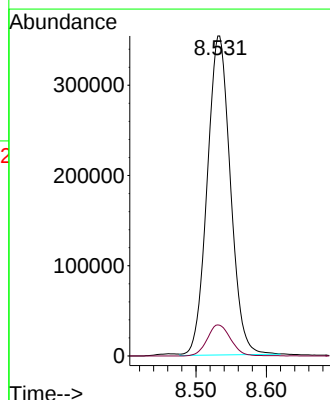
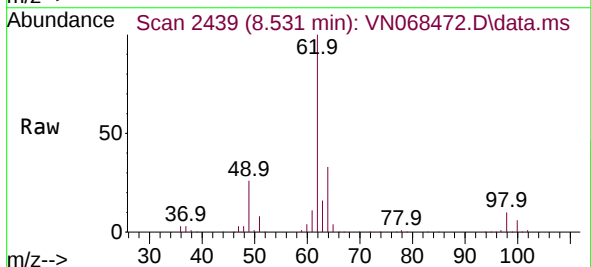
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

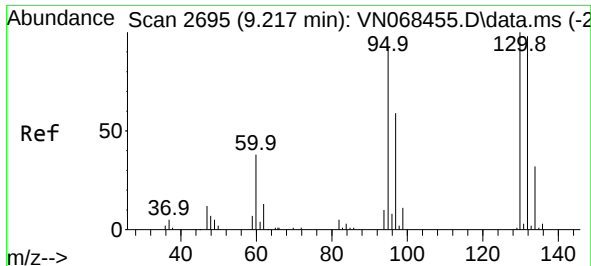
Tgt Ion: 78 Resp: 702423
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 17.0 15.8 23.6



#36
1,2-Dichloroethane
Concen: 116.858 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 62 Resp: 808176
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8

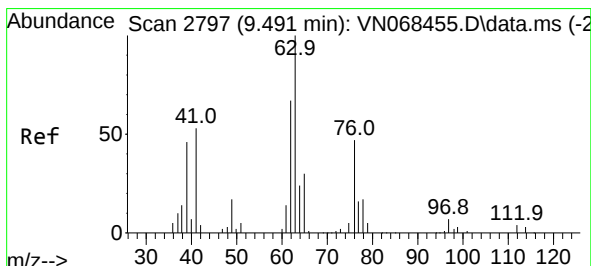
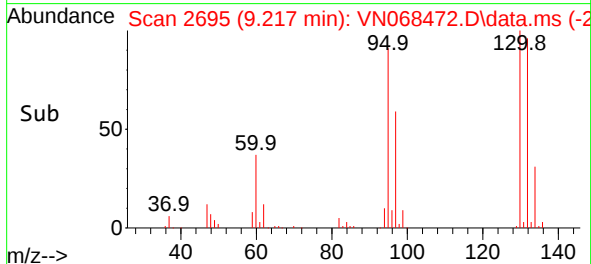
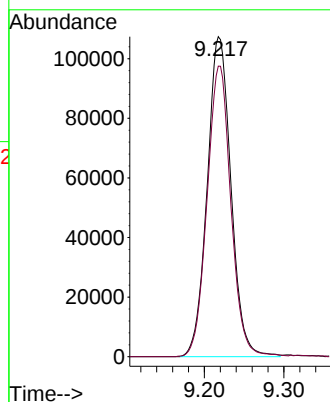
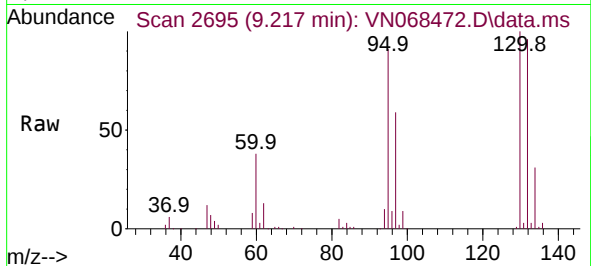




#37
Trichloroethene
Concen: 33.882 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

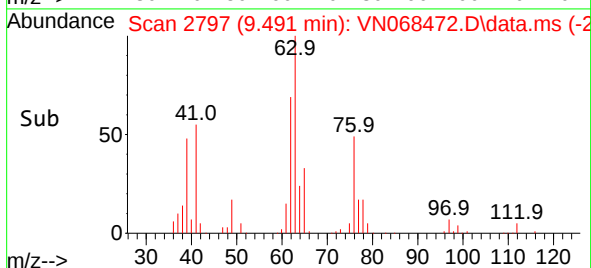
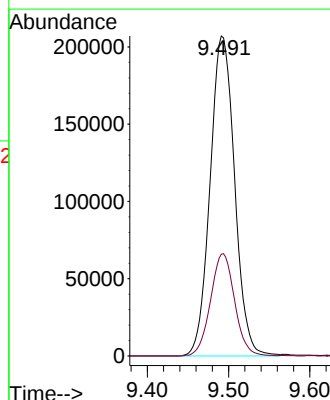
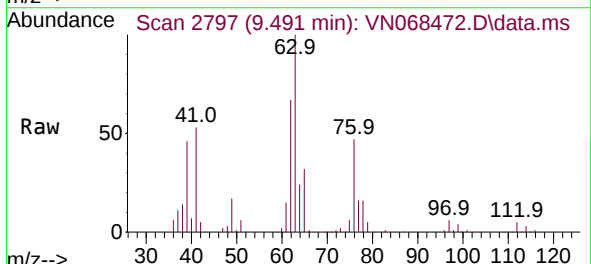
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

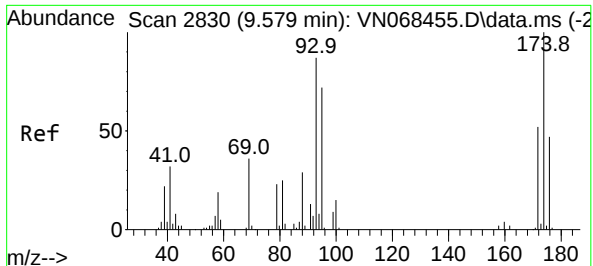
Tgt Ion:130 Resp: 223011
Ion Ratio Lower Upper
130 100
95 90.6 73.4 110.0



#39
1,2-Dichloropropane
Concen: 89.847 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 63 Resp: 434355
Ion Ratio Lower Upper
63 100
65 31.8 24.4 36.6

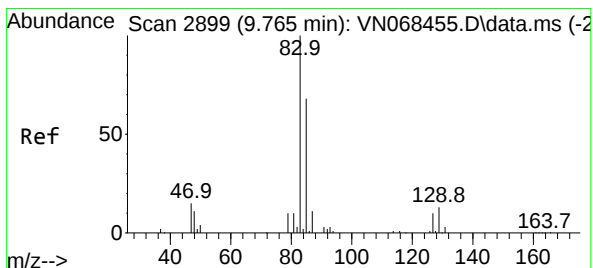
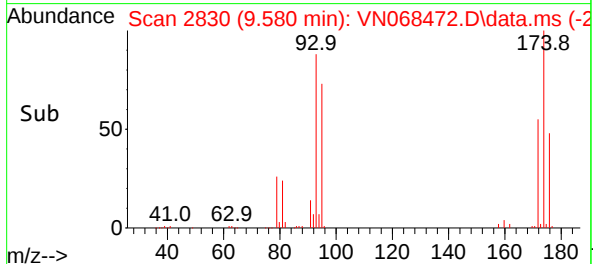
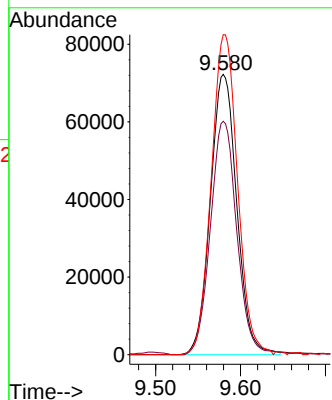
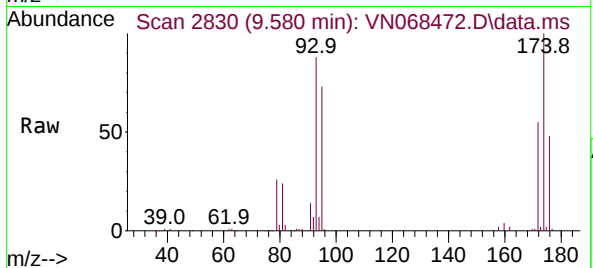




#40
Dibromomethane
Concen: 39.260 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

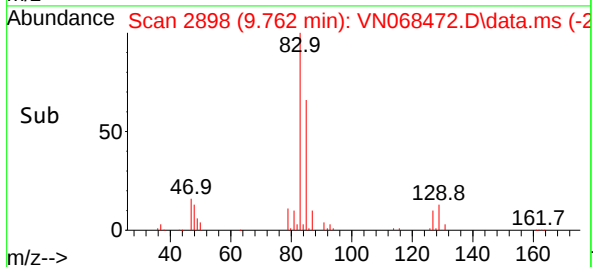
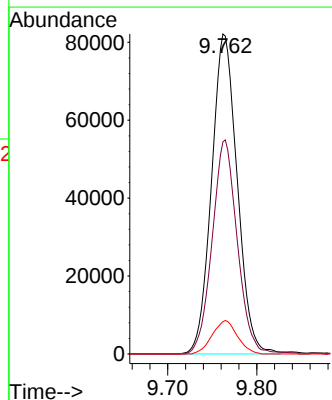
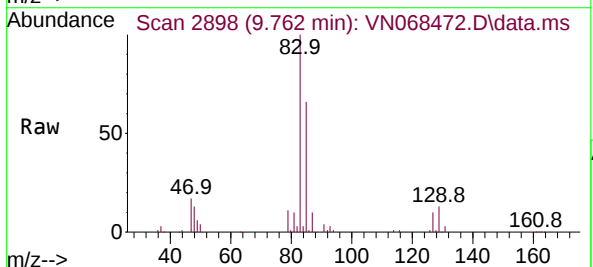
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

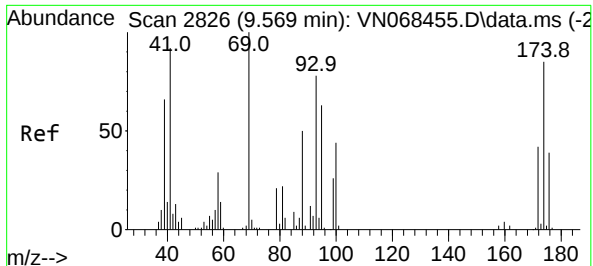
Tgt Ion: 93 Resp: 155940
Ion Ratio Lower Upper
93 100
95 83.2 0.0 165.2
174 113.6 0.0 231.8



#41
Bromodichloromethane
Concen: 21.414 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 83 Resp: 164373
Ion Ratio Lower Upper
83 100
85 66.3 54.1 81.1
127 10.1 8.8 13.2

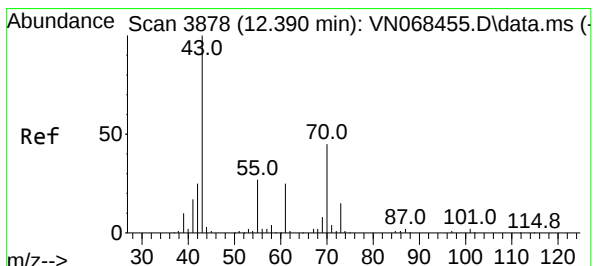
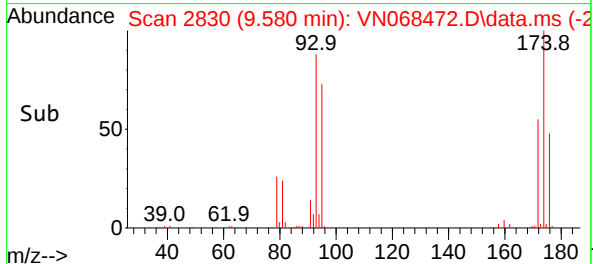
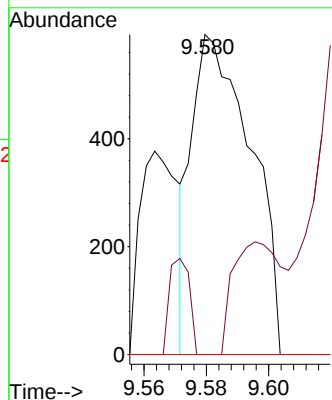
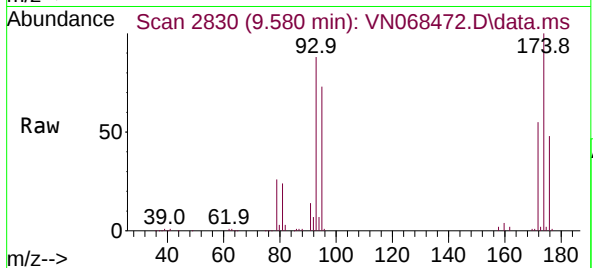




#45
1,4-Dioxane
Concen: 8.311 ug/l
RT: 9.580 min Scan# 2826
Delta R.T. 0.011 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

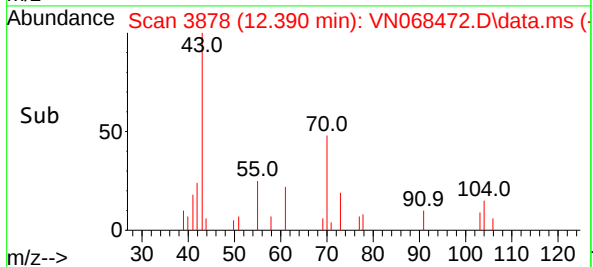
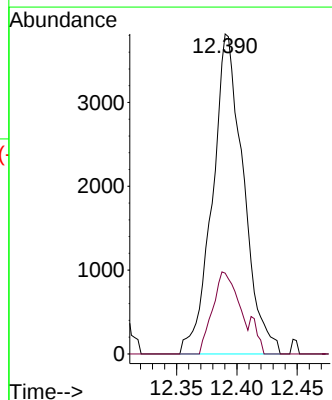
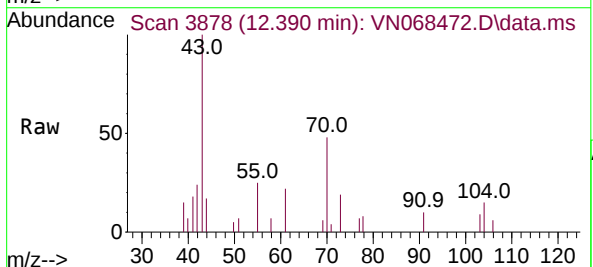
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

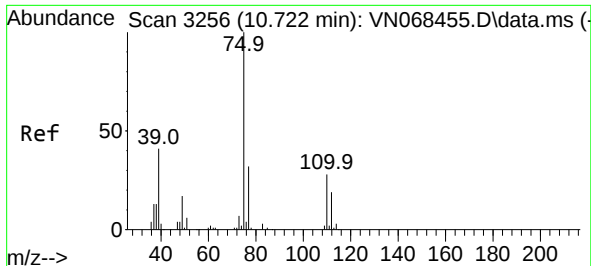
Tgt Ion: 88 Resp: 780
Ion Ratio Lower Upper
88 100
43 10.3 21.0 31.4#
58 0.0 47.0 70.6#



#47
n-amy1 Acetate
Concen: 1.044 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 43 Resp: 6802
Ion Ratio Lower Upper
43 100
55 21.5 21.7 32.5#

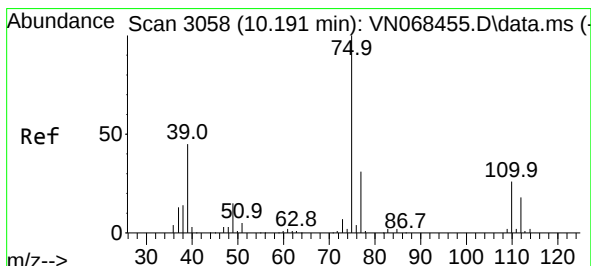
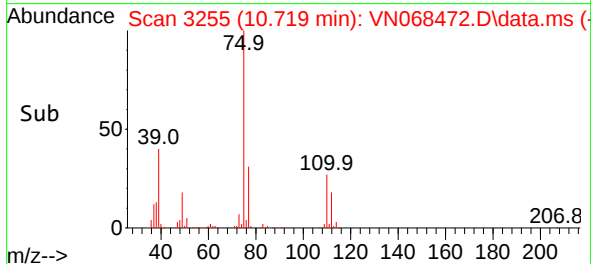
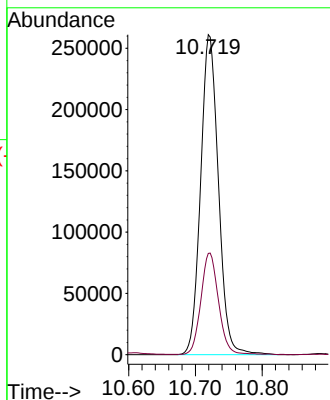
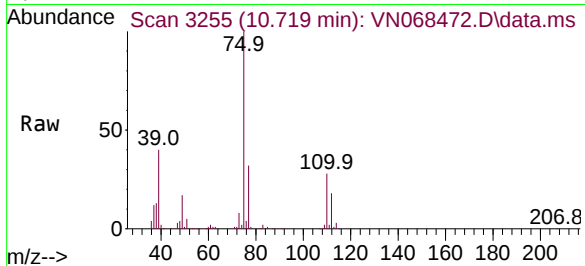




#48
t-1,3-Dichloropropene
Concen: 62.239 ug/l
RT: 10.719 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

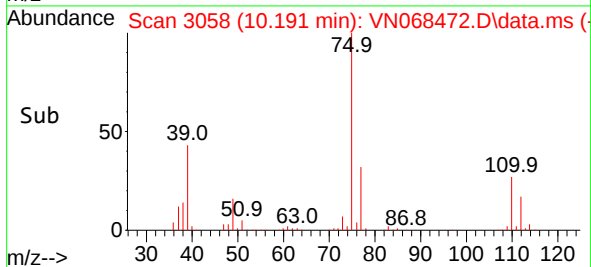
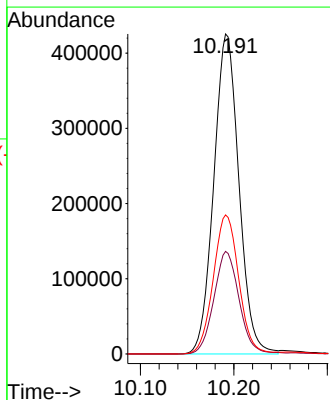
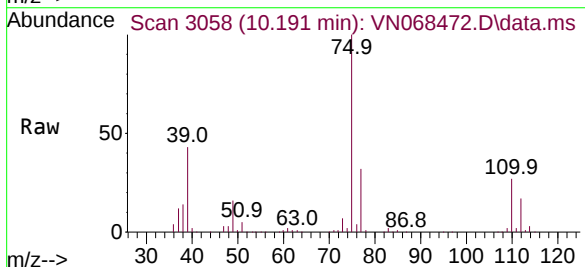
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

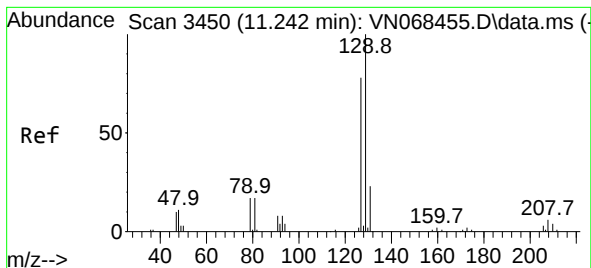
Tgt Ion: 75 Resp: 483712
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0



#49
cis-1,3-Dichloropropene
Concen: 95.210 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 75 Resp: 795281
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 43.4 35.9 53.9





#53

Dibromochloromethane

Concen: 61.636 ug/l

RT: 11.240 min Scan# 3450

Delta R.T. -0.003 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

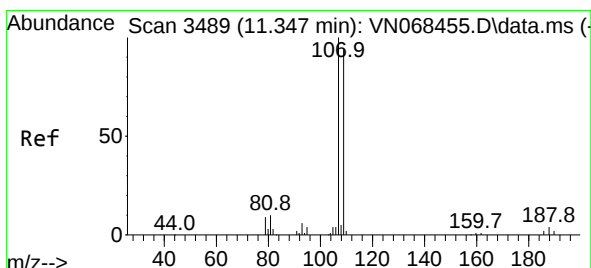
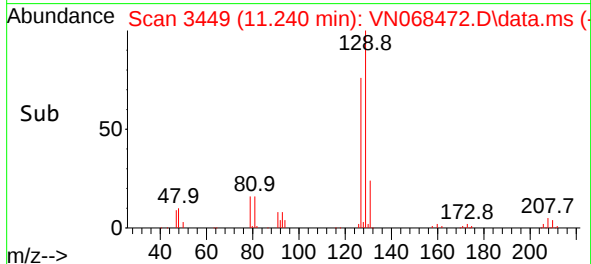
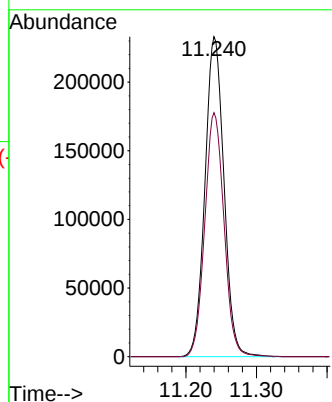
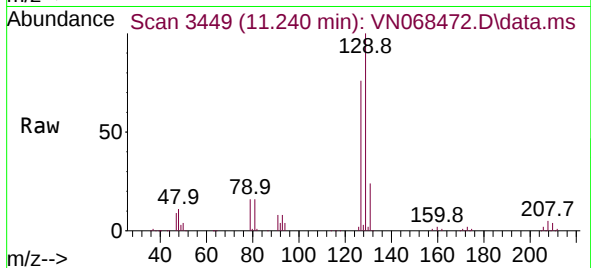
PT-VOA-WP

Tgt Ion:129 Resp: 435030

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.5



#54

1,2-Dibromoethane

Concen: 31.028 ug/l

RT: 11.350 min Scan# 3490

Delta R.T. 0.003 min

Lab File: VN068472.D

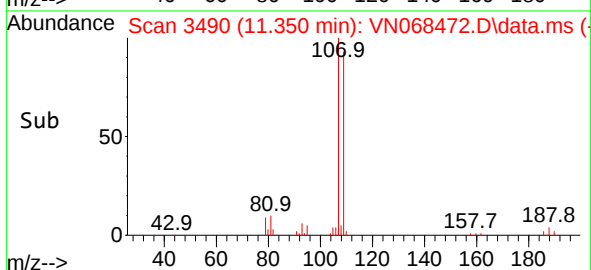
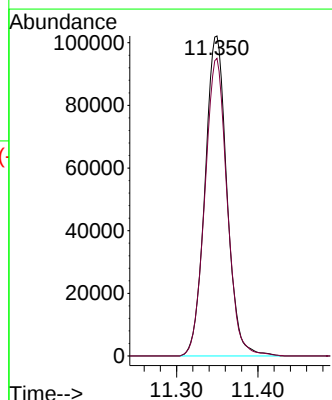
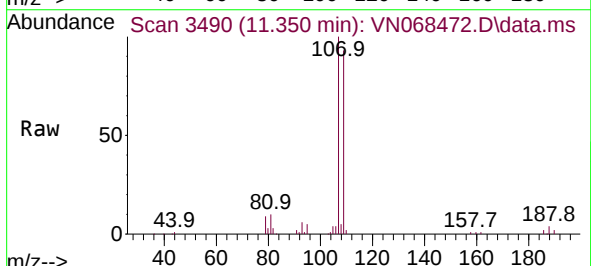
Acq: 14 Sep 2021 15:25

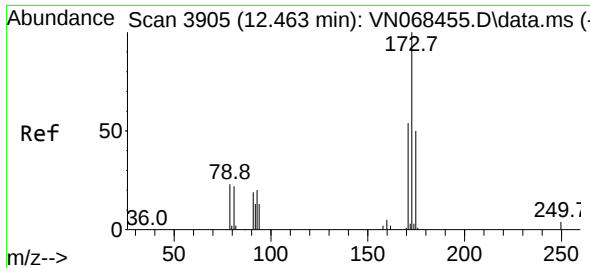
Tgt Ion:107 Resp: 191005

Ion Ratio Lower Upper

107 100

109 94.7 77.0 115.4

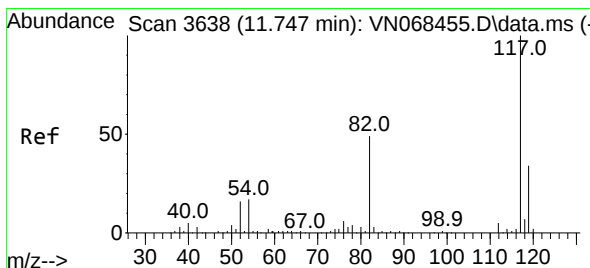
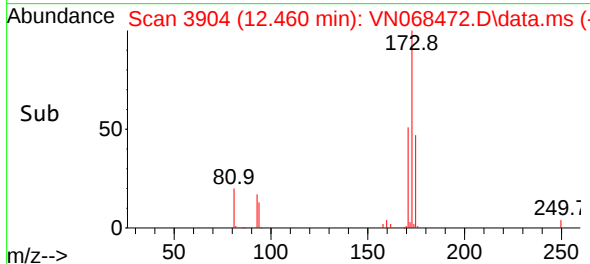
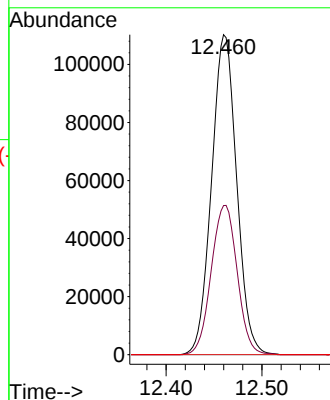
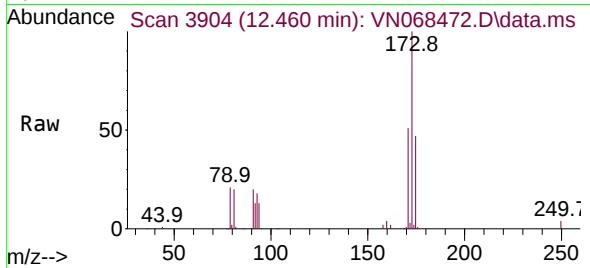




#56
Bromoform
Concen: 35.344 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

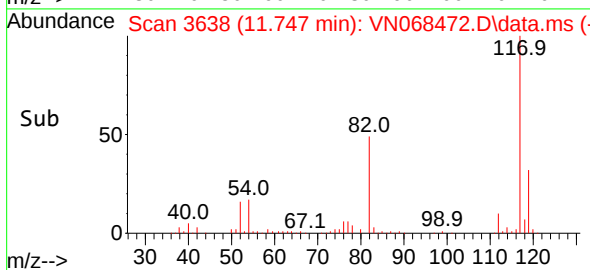
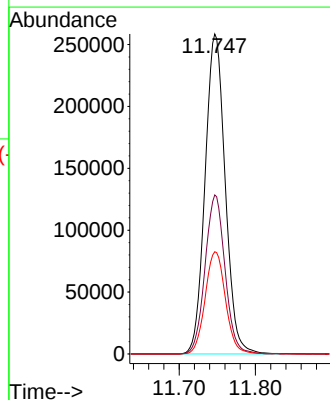
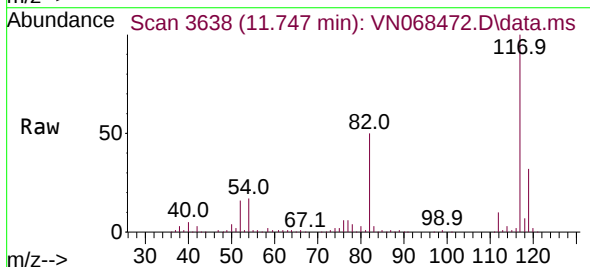
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

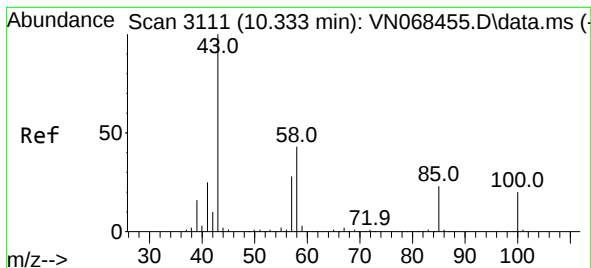
Tgt Ion:173 Resp: 200363
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:117 Resp: 473992
Ion Ratio Lower Upper
117 100
82 49.3 39.4 59.0
119 32.3 26.2 39.2

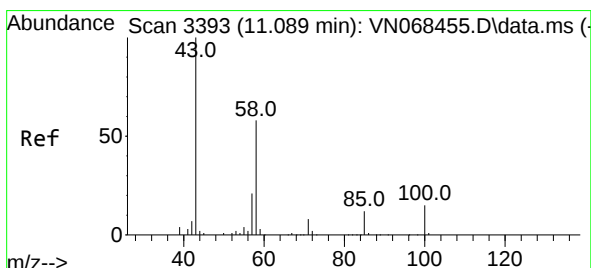
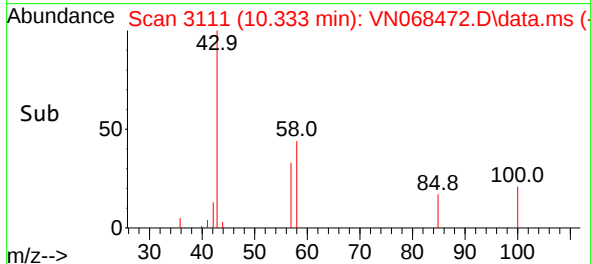
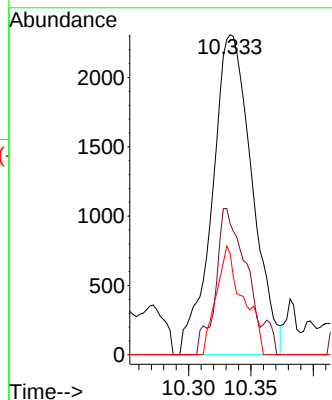
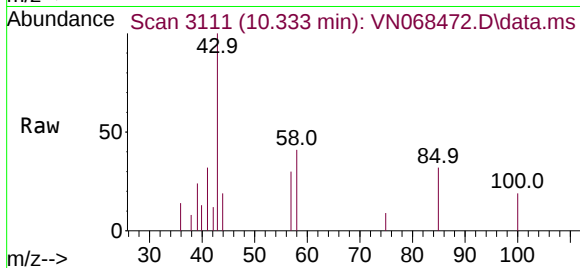




#58
4-Methyl-2-Pentanone
Concen: 0.919 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

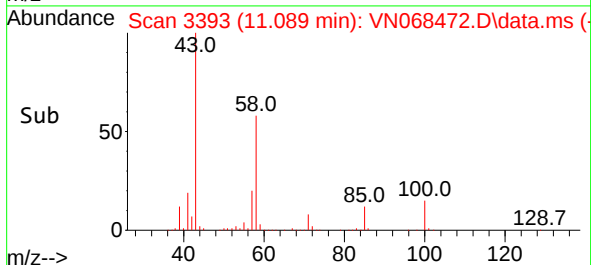
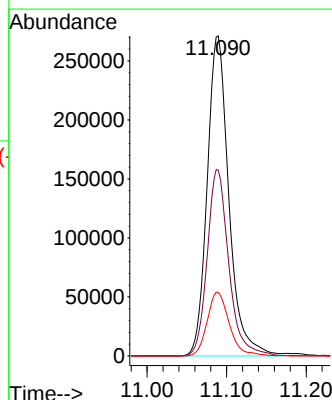
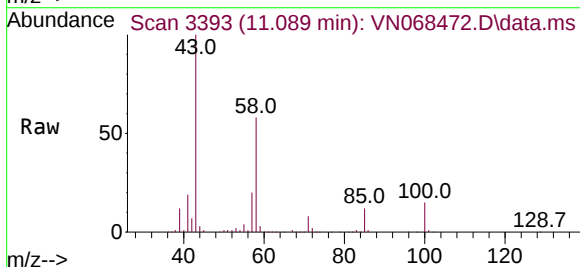
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

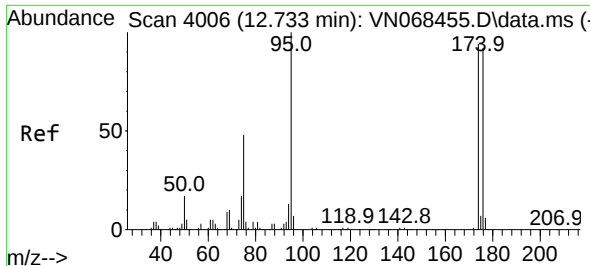
Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 32.2 33.3 49.9#
85 16.9 18.6 27.8#



#59
2-Hexanone
Concen: 132.994 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 43 Resp: 514298
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 20.3 16.6 25.0

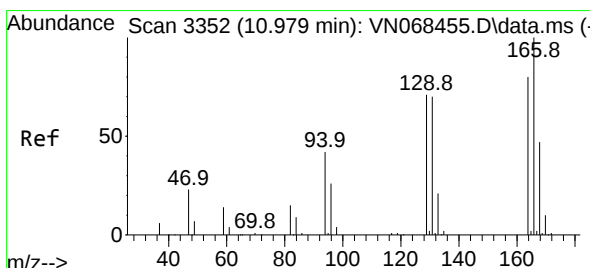
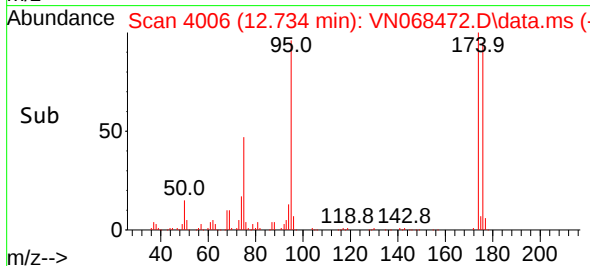
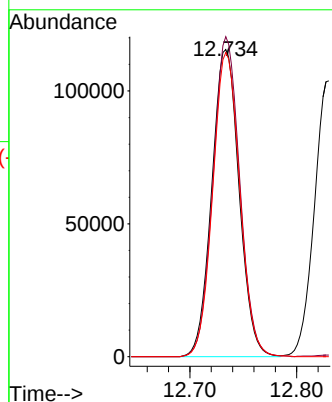
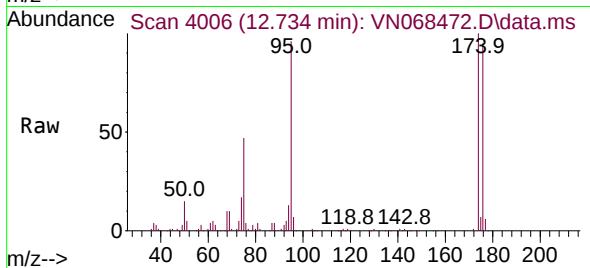




#60
4-Bromofluorobenzene
Concen: 30.442 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

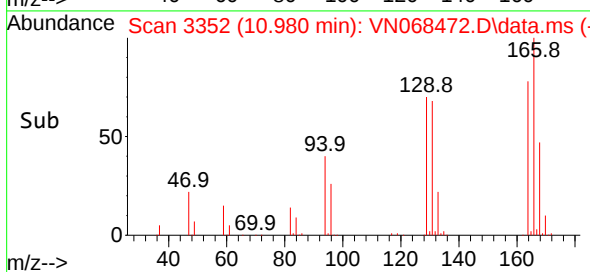
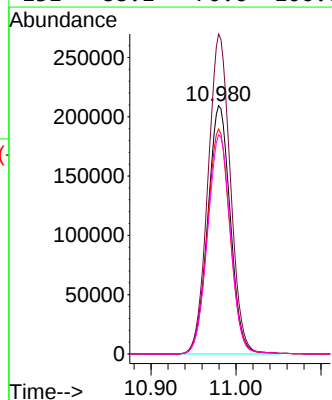
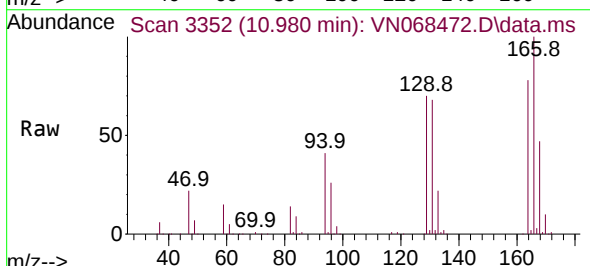
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

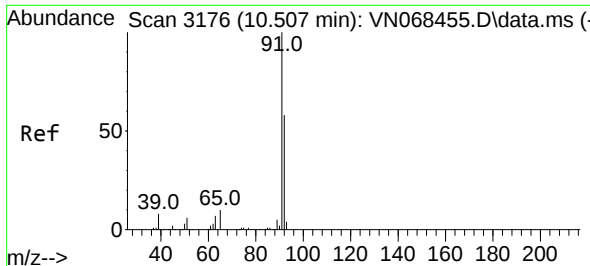
Tgt Ion: 95 Resp: 205666
Ion Ratio Lower Upper
95 100
174 102.1 78.0 117.0
176 97.7 76.4 114.6



#61
Tetrachloroethene
Concen: 56.613 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:164 Resp: 385832
Ion Ratio Lower Upper
164 100
166 128.8 100.4 150.6
129 90.6 71.4 107.0
131 88.1 70.6 106.0

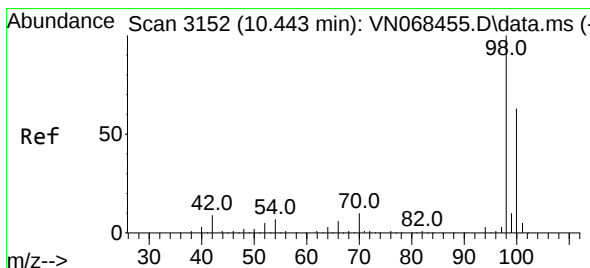
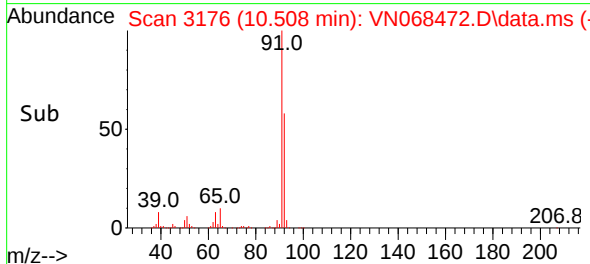
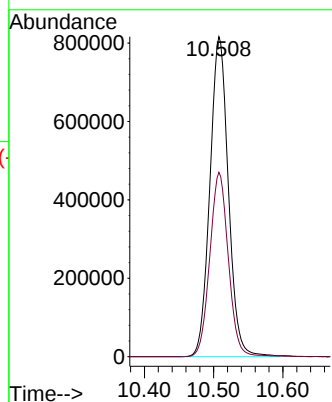
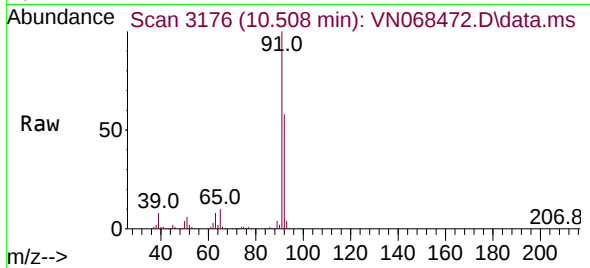




#62
Toluene
Concen: 60.690 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

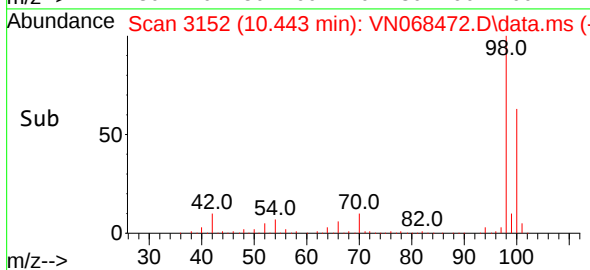
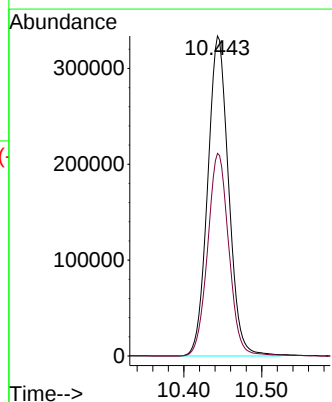
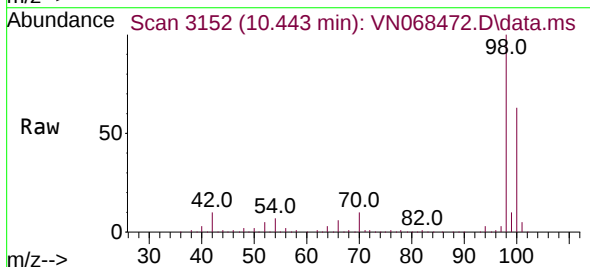
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

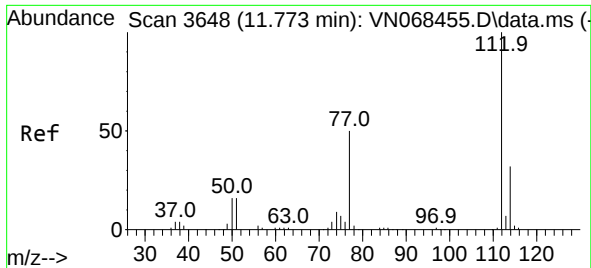
Tgt Ion: 91 Resp: 1514032
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.6



#63
Toluene-d8
Concen: 30.240 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 98 Resp: 623554
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

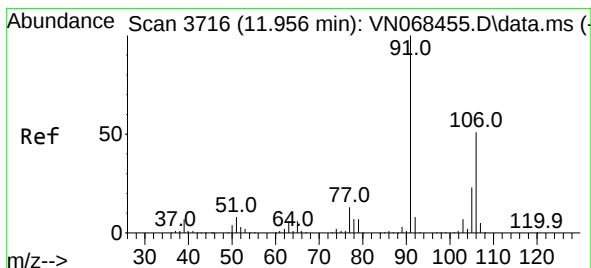
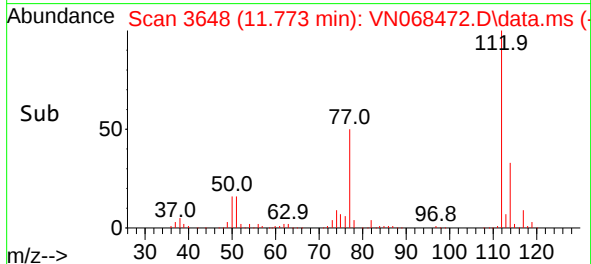
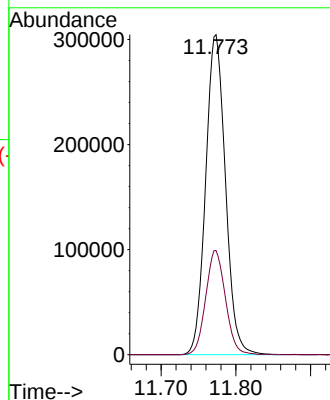
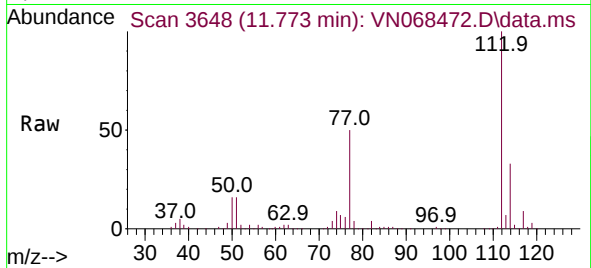




#64
Chlorobenzene
Concen: 34.049 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

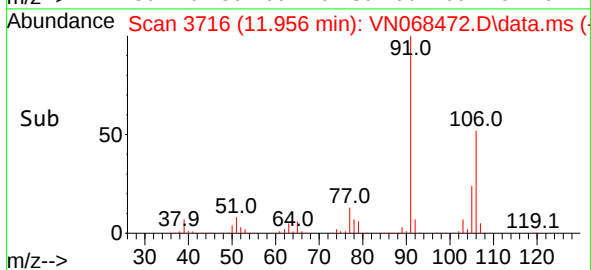
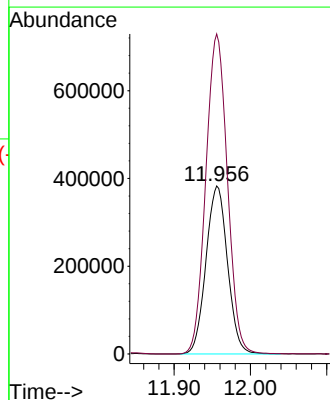
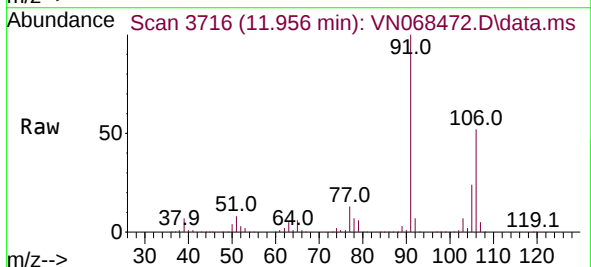
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

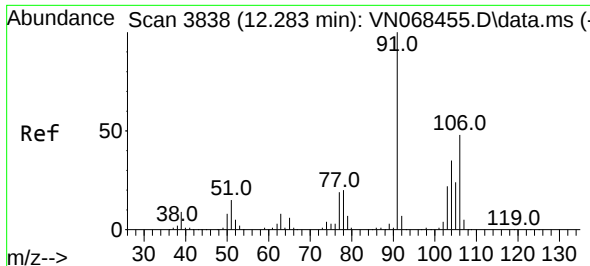
Tgt Ion:112 Resp: 560226
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#67
m/p-Xylenes
Concen: 67.189 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:106 Resp: 750890
Ion Ratio Lower Upper
106 100
91 190.9 152.7 229.1

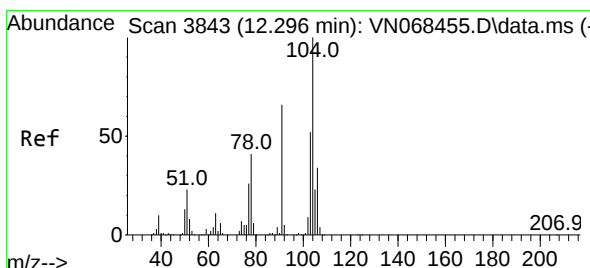
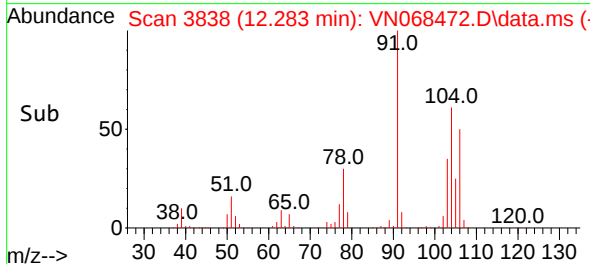
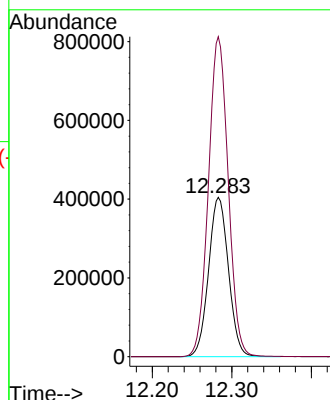
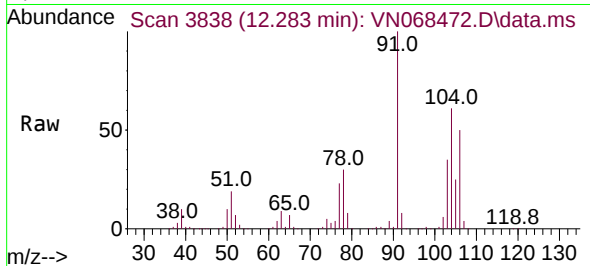




#68
o-Xylene
Concen: 63.736 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

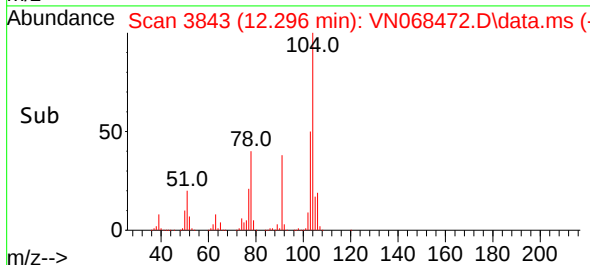
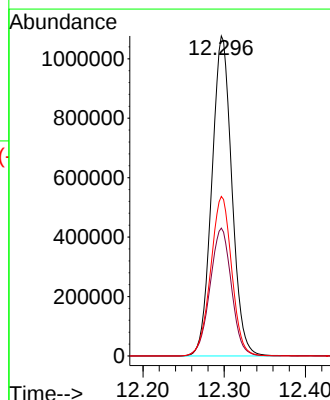
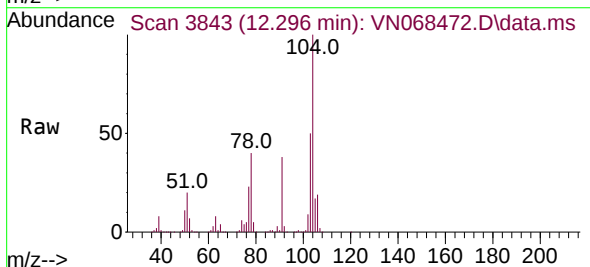
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

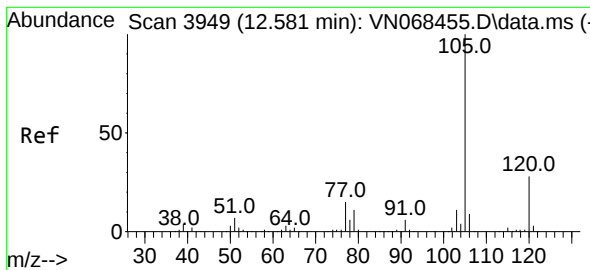
Tgt Ion:106 Resp: 703273
Ion Ratio Lower Upper
106 100
91 199.1 101.5 304.5



#69
Styrene
Concen: 105.501 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:104 Resp: 1845916
Ion Ratio Lower Upper
104 100
78 42.7 36.5 54.7
103 52.5 43.5 65.3





#70

Isopropylbenzene

Concen: 0.258 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. 0.000 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

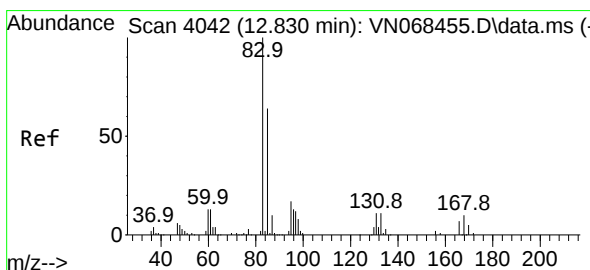
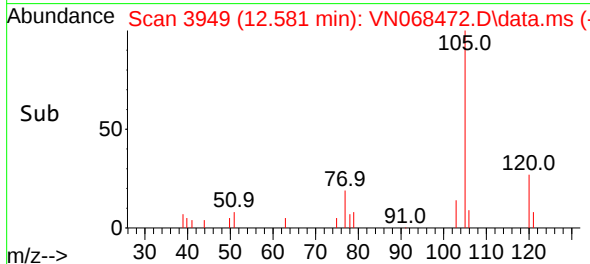
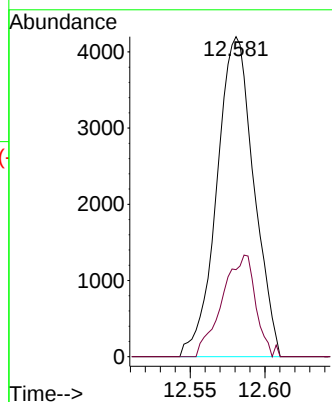
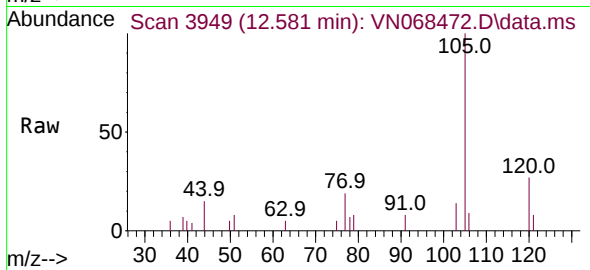
PT-VOA-WP

Tgt Ion:105 Resp: 7232

Ion Ratio Lower Upper

105 100

120 28.4 19.7 36.5



#71

1,1,2,2-Tetrachloroethane

Concen: 134.617 ug/l

RT: 12.830 min Scan# 4042

Delta R.T. 0.000 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

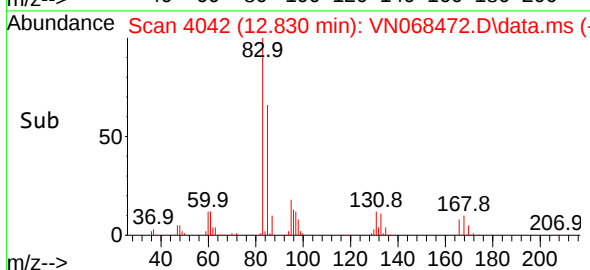
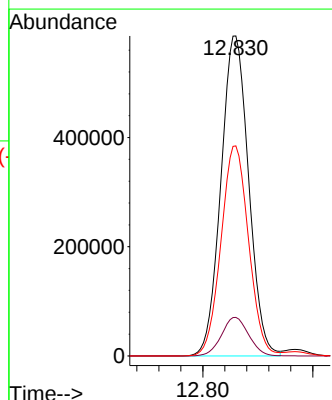
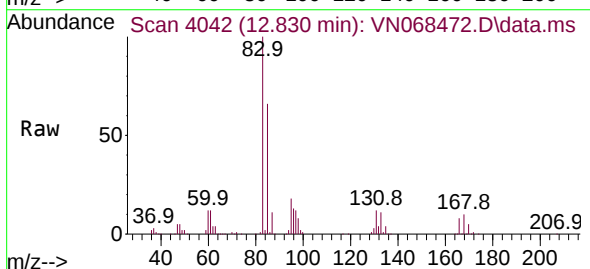
Tgt Ion: 83 Resp: 1026585

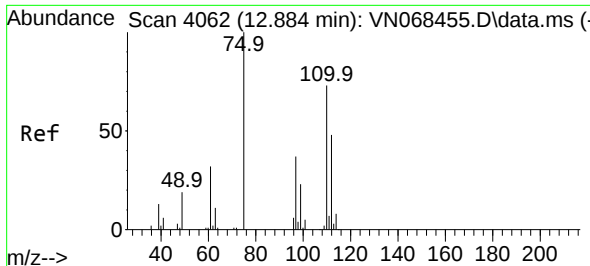
Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

85 65.4 31.9 95.9

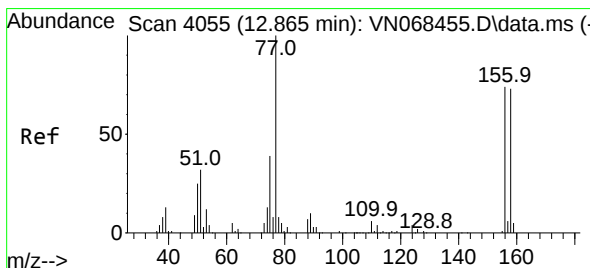
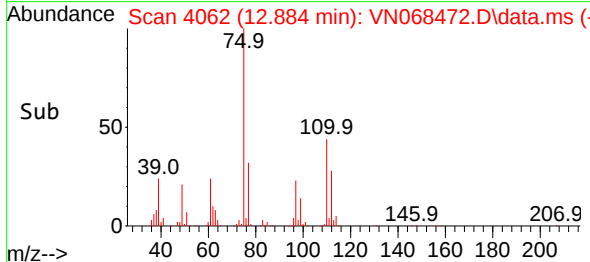
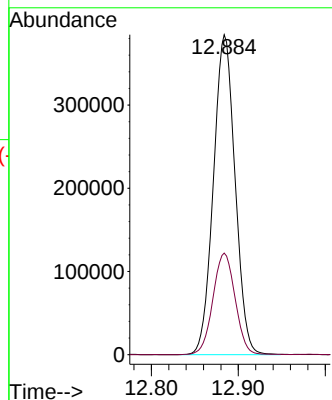
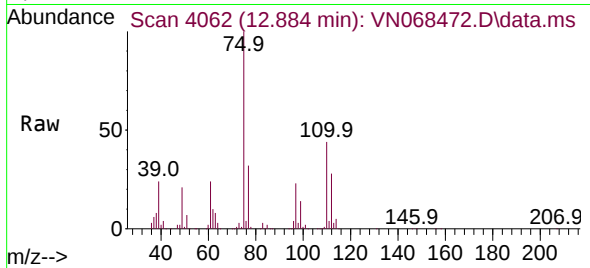




#72
1,2,3-Trichloropropane
Concen: 104.830 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

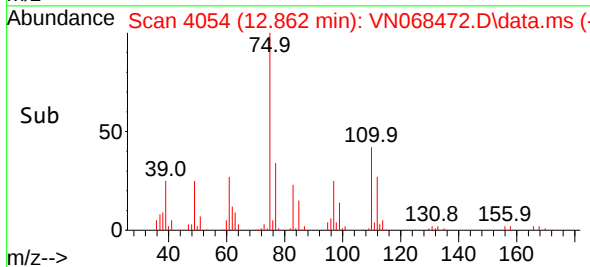
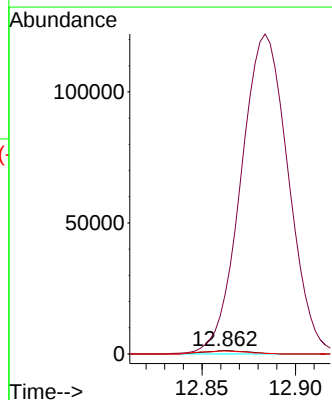
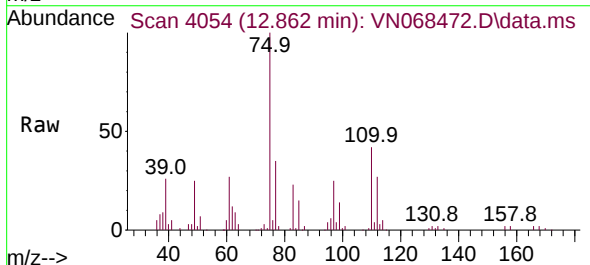
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

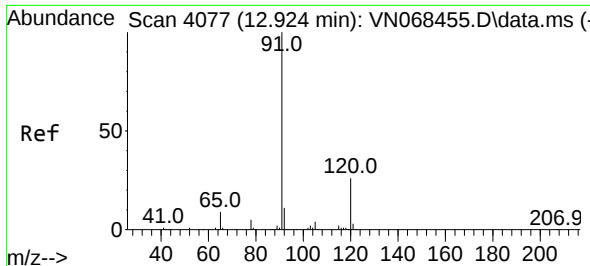
Tgt Ion: 75 Resp: 665509
Ion Ratio Lower Upper
75 100
77 32.6 0.0 357.6



#73
Bromobenzene
Concen: 0.262 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:156 Resp: 2087
Ion Ratio Lower Upper
156 100
77 10389.7 0.0 318.8#
158 93.0 0.0 196.2

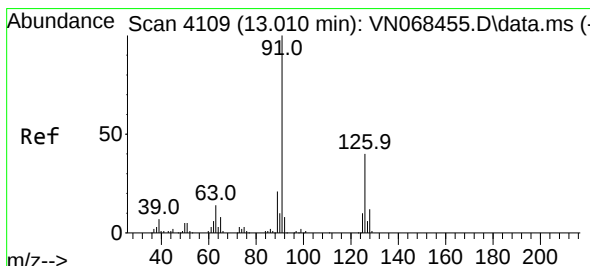
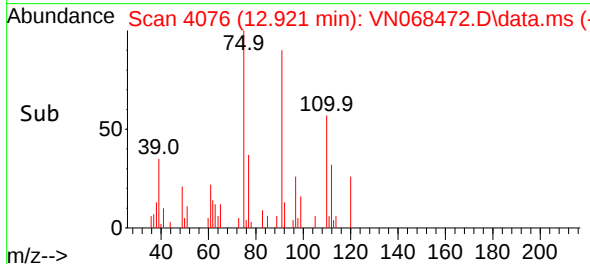
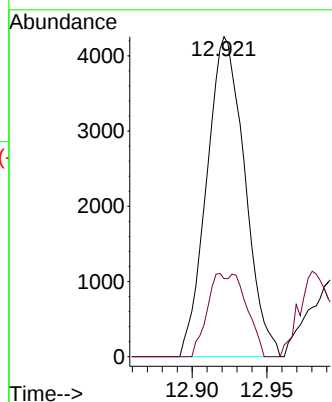
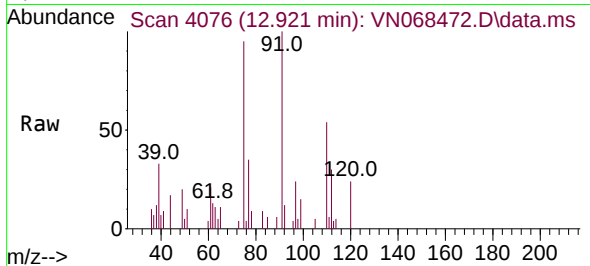




#74
n-propylbenzene
Concen: 0.249 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

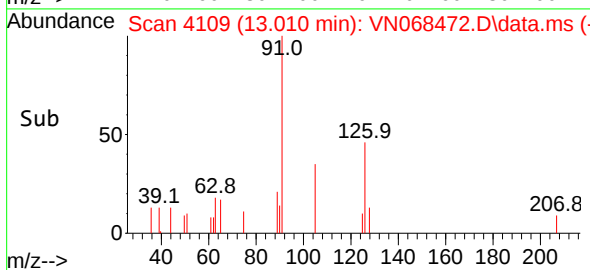
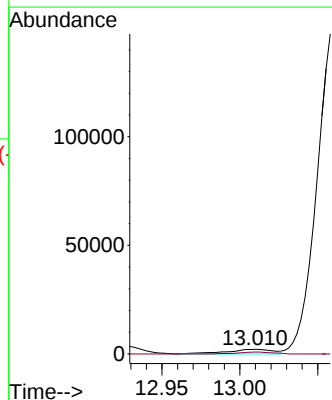
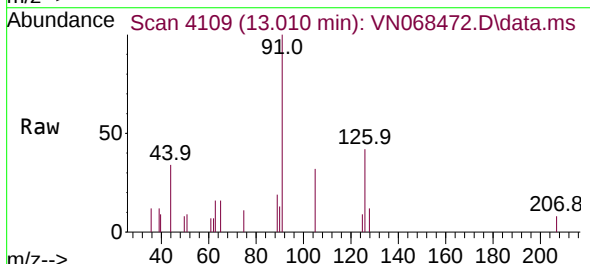
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

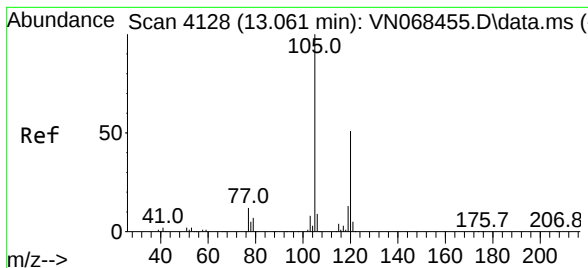
Tgt Ion: 91 Resp: 7519
Ion Ratio Lower Upper
91 100
120 12.3 0.0 51.6



#75
2-Chlorotoluene
Concen: 0.246 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 91 Resp: 4470
Ion Ratio Lower Upper
91 100
126 30.6 0.0 77.2





#76

1,3,5-Trimethylbenzene

Concen: 102.066 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

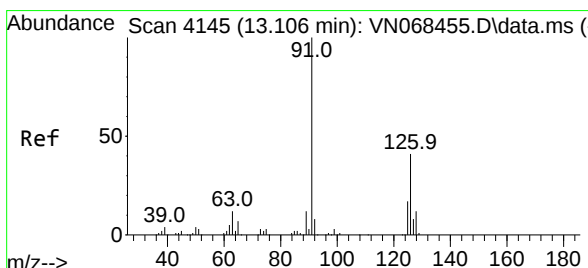
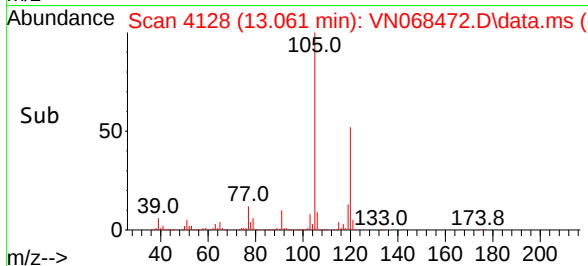
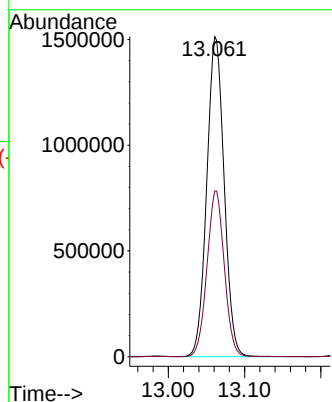
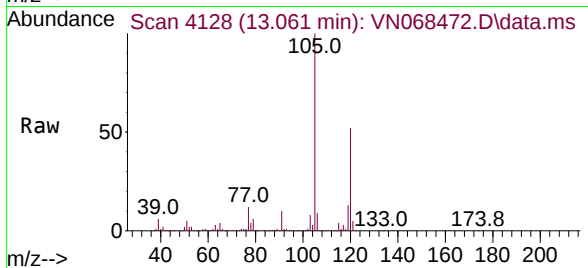
PT-VOA-WP

Tgt Ion:105 Resp: 2387405

Ion Ratio Lower Upper

105 100

120 51.7 0.0 103.4



#78

4-Chlorotoluene

Concen: 13.941 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. -0.046 min

Lab File: VN068472.D

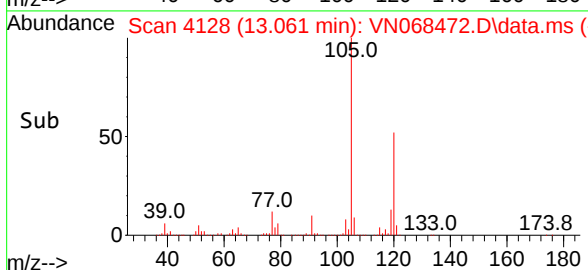
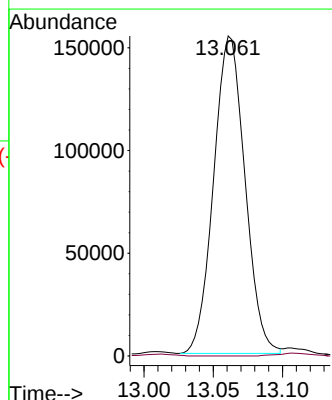
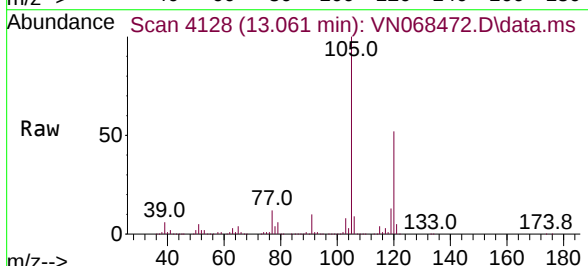
Acq: 14 Sep 2021 15:25

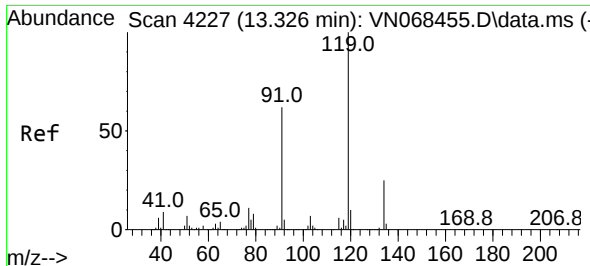
Tgt Ion: 91 Resp: 243273

Ion Ratio Lower Upper

91 100

126 0.9 0.0 77.8

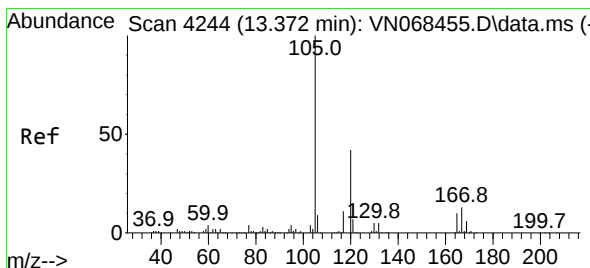
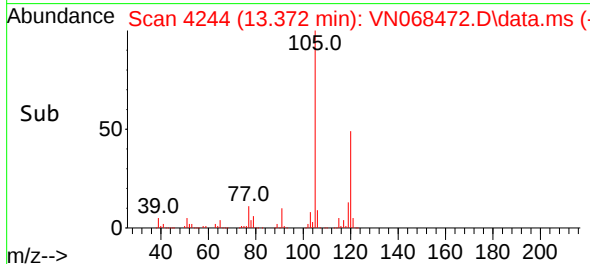
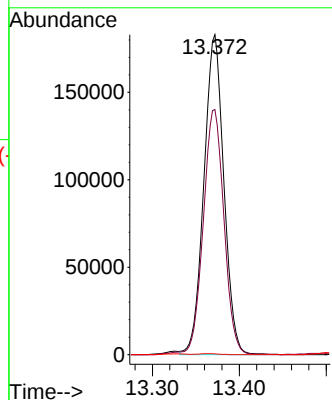
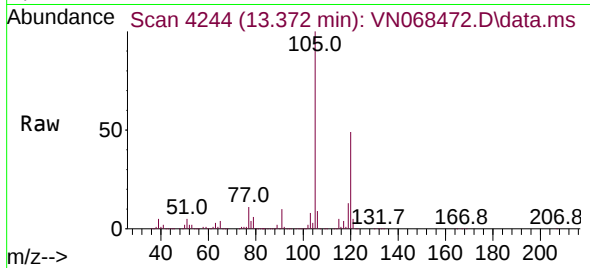




#79
tert-butylbenzene
Concen: 13.573 ug/l
RT: 13.372 min Scan# 41
Delta R.T. 0.046 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

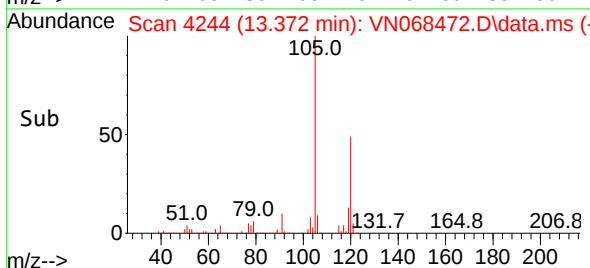
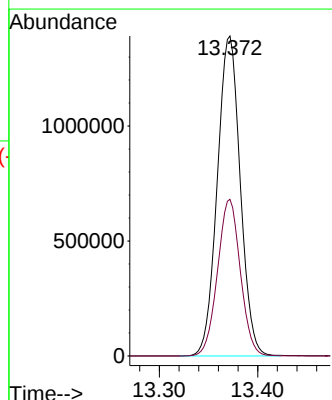
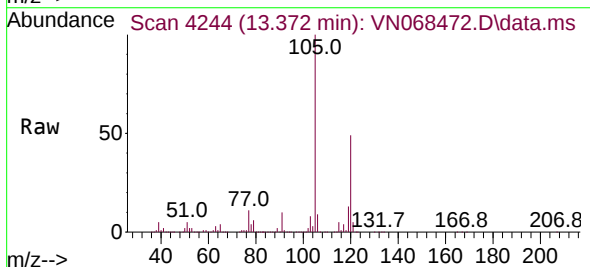
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

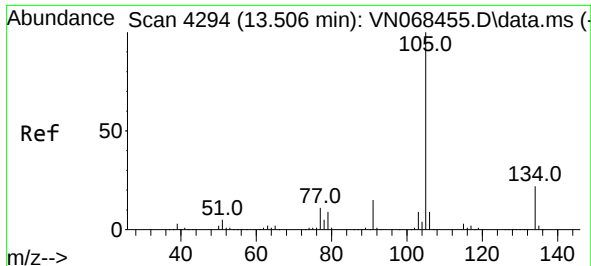
Tgt Ion:119 Resp: 291675
Ion Ratio Lower Upper
119 100
91 79.8 0.0 120.0
134 0.3 0.0 54.0



#80
1,2,4-Trimethylbenzene
Concen: 99.938 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:105 Resp: 2261539
Ion Ratio Lower Upper
105 100
120 48.6 0.0 0.4#

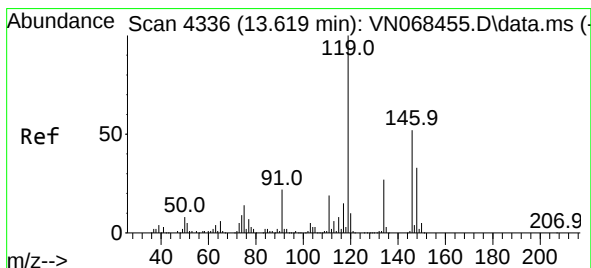
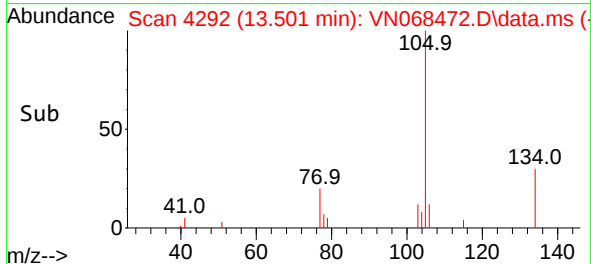
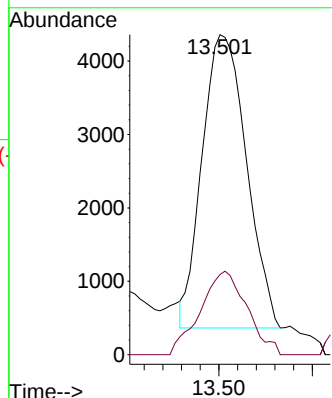
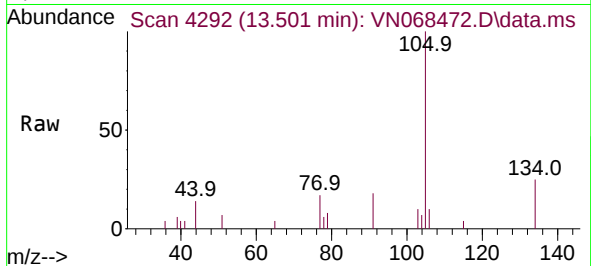




#81
 sec-Butylbenzene
 Concen: 0.232 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

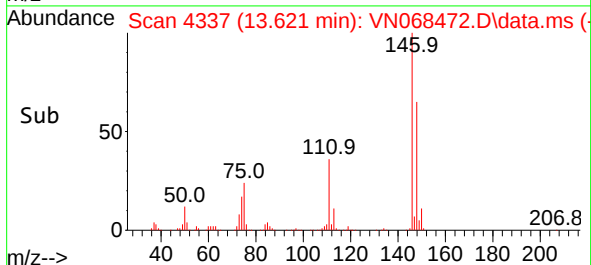
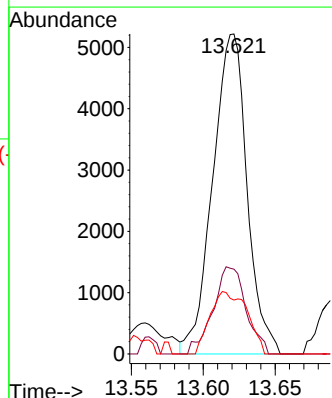
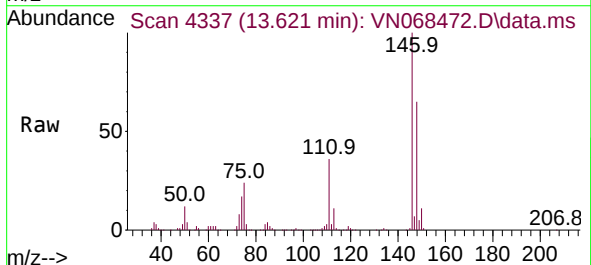
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

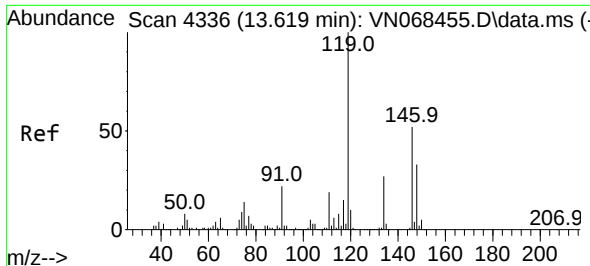
Tgt Ion:105 Resp: 6577
 Ion Ratio Lower Upper
 105 100
 134 29.0 0.0 43.8



#82
 p-Isopropyltoluene
 Concen: 0.356 ug/l
 RT: 13.621 min Scan# 4337
 Delta R.T. 0.003 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

Tgt Ion:119 Resp: 8663
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 55.4
 91 13.3 0.0 44.4

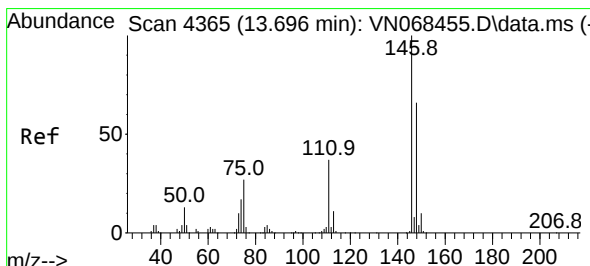
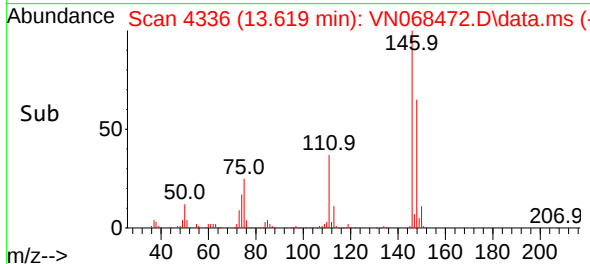
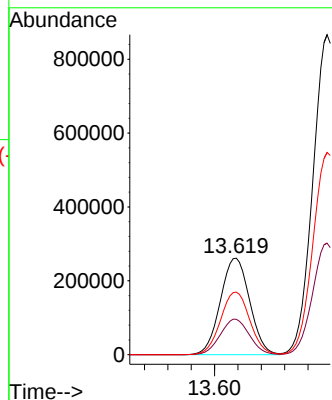
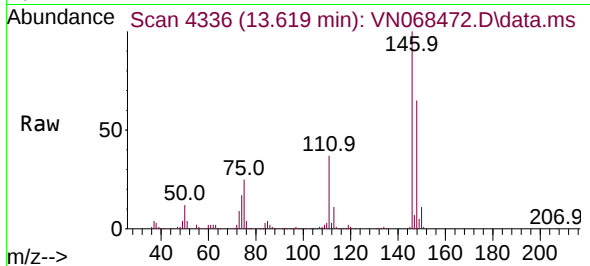




#83
 1,3-Dichlorobenzene
 Concen: 32.945 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

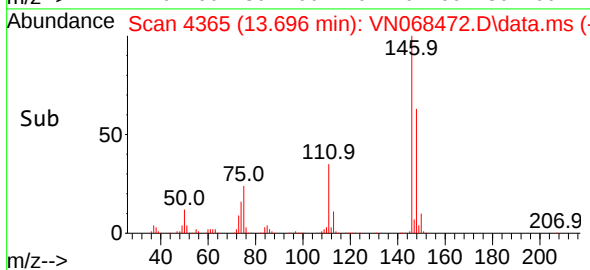
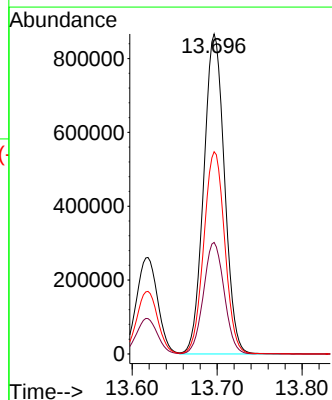
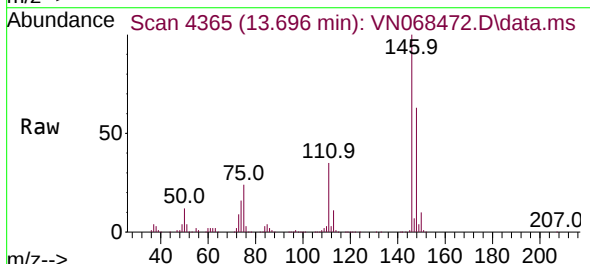
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

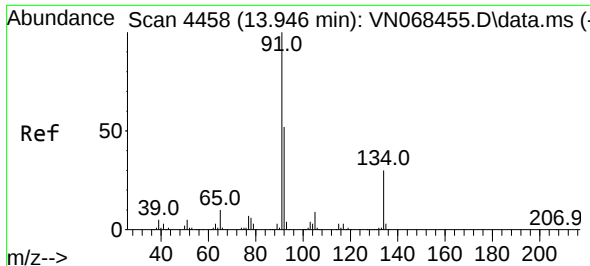
Tgt Ion:146 Resp: 455429
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.2
 148 64.7 32.0 96.0



#84
 1,4-Dichlorobenzene
 Concen: 111.070 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN068472.D
 Acq: 14 Sep 2021 15:25

Tgt Ion:146 Resp: 1470884
 Ion Ratio Lower Upper
 146 100
 111 34.6 18.2 54.6
 148 63.8 32.6 97.7

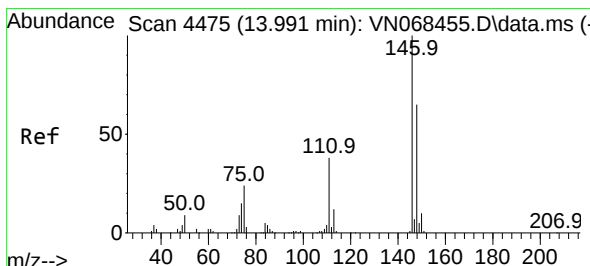
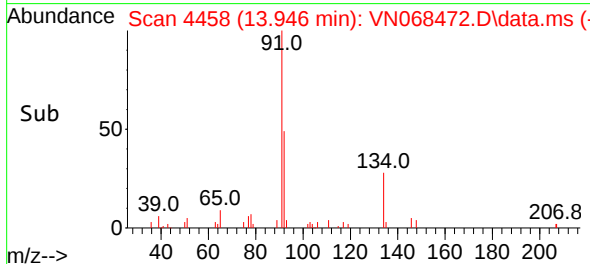
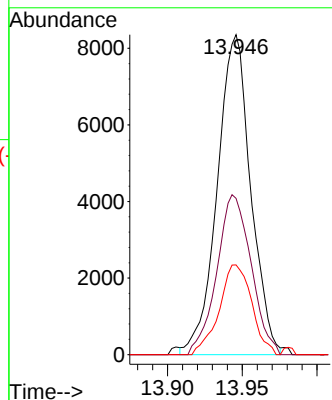
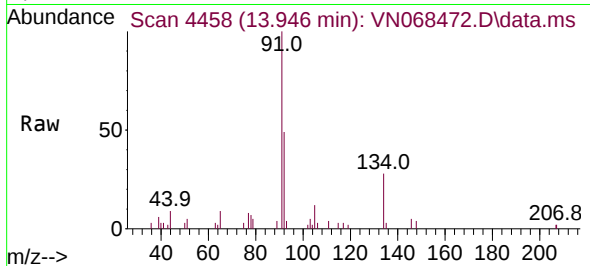




#85
n-Butylbenzene
Concen: 0.752 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

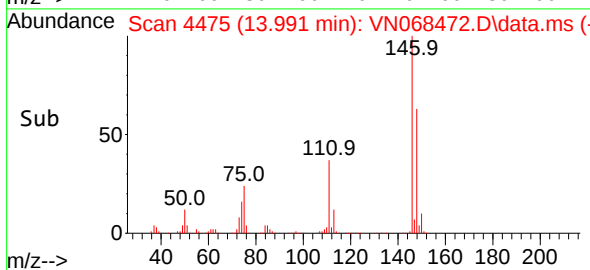
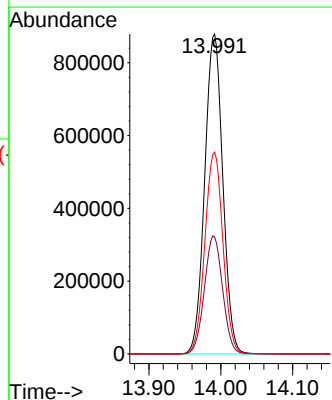
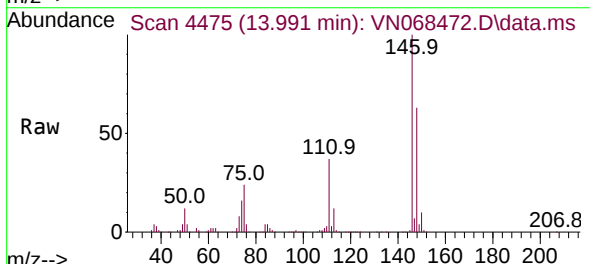
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

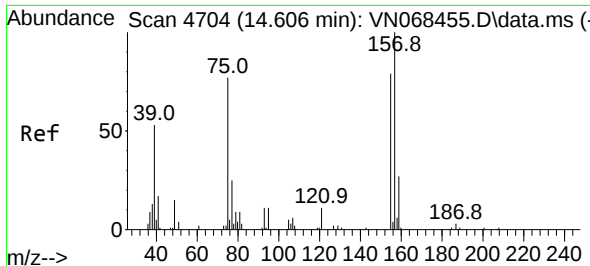
Tgt Ion: 91	Resp: 13028
Ion Ratio	Lower Upper
91	100
92	51.2 0.0 102.4
134	27.3 0.0 58.8



#87
1,2-Dichlorobenzene
Concen: 115.962 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion: 146	Resp: 1540450
Ion Ratio	Lower Upper
146	100
111	37.1 18.6 56.0
148	63.3 31.9 95.5





#88

1,2-Dibromo-3-Chloropropane

Concen: 135.503 ug/l

RT: 14.606 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

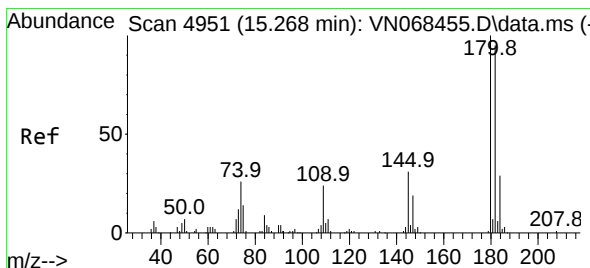
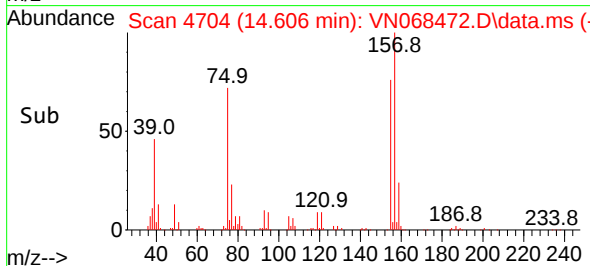
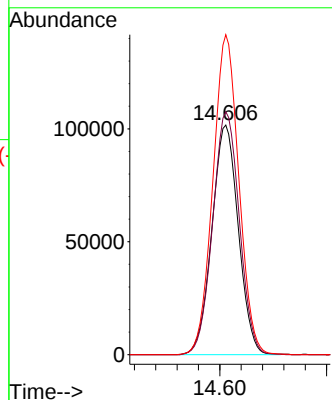
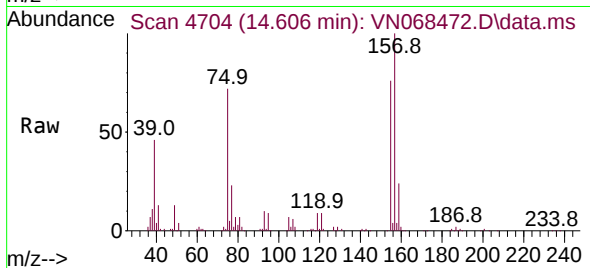
Tgt Ion: 75 Resp: 174733

Ion Ratio Lower Upper

75 100

155 106.7 83.3 124.9

157 137.0 104.9 157.3



#89

1,2,4-Trichlorobenzene

Concen: 1.990 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.005 min

Lab File: VN068472.D

Acq: 14 Sep 2021 15:25

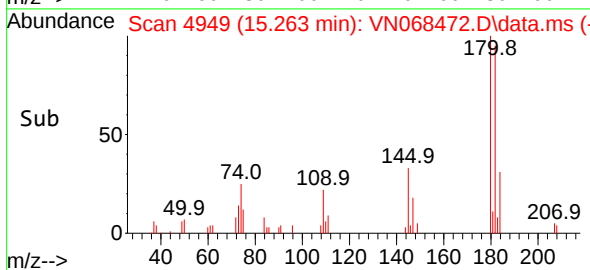
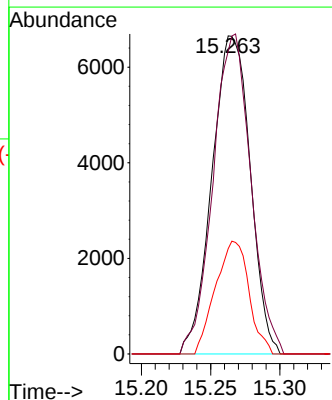
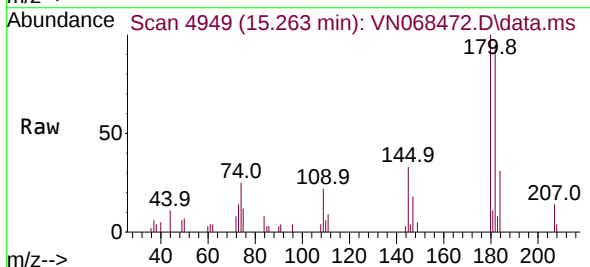
Tgt Ion:180 Resp: 12774

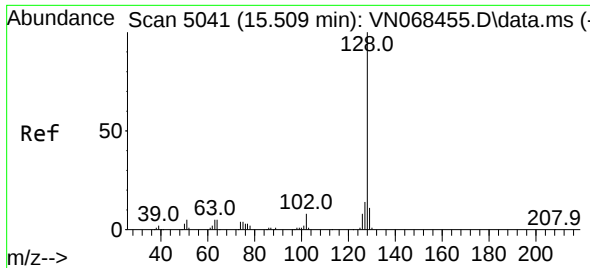
Ion Ratio Lower Upper

180 100

182 99.1 77.0 115.4

145 31.1 24.6 36.8





#91
Naphthalene
Concen: 50.015 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

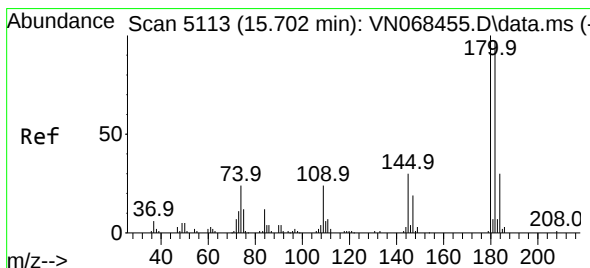
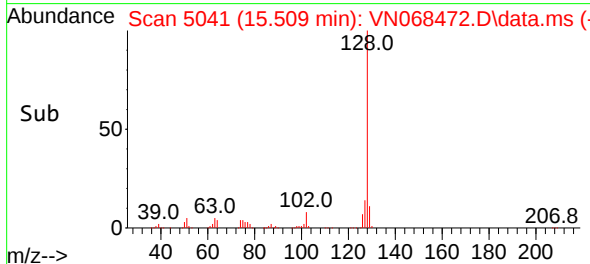
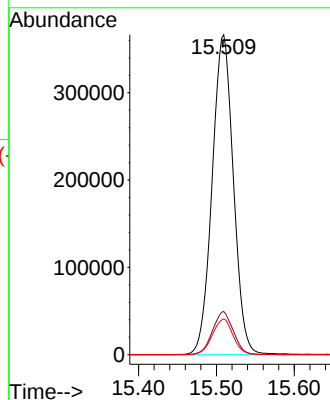
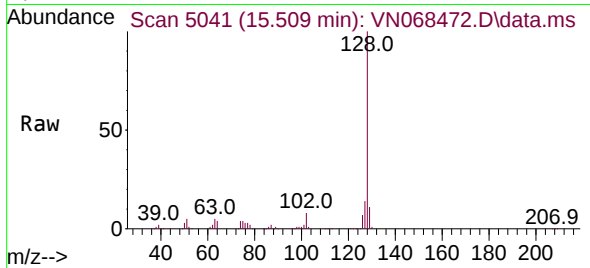
Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

Tgt Ion:128 Resp: 692504
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 2.448 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068472.D
Acq: 14 Sep 2021 15:25

Tgt Ion:180 Resp: 14794
Ion Ratio Lower Upper
180 100
182 97.5 0.0 191.2
145 32.8 0.0 61.8

