

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024207.D
 Acq On : 14 Sep 2021 15:07
 Operator : JC/MD
 Sample : M3702-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 15 01:56:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	193257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141136	51.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.420%	
35) Dibromofluoromethane	5.397	113	103079	50.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	8.653	98	387258	52.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	11.085	95	151727	52.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.700%	

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	408	0.210	ug/l #	86
4) Vinyl Chloride	1.374	62	145014	75.110	ug/l	98
5) Bromomethane	1.605	94	770	0.670	ug/l #	67
7) Trichlorofluoromethane	1.892	101	304524	94.028	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	426	0.224	ug/l	95
10) Methyl Iodide	2.465	142	1599	0.607	ug/l #	89
11) Tert butyl alcohol	3.123	59	2280	Below Cal	#	1
13) Acrolein	2.245	56	78	0.429	ug/l #	1
15) Acrylonitrile	3.123	53	9762	8.661	ug/l #	30
16) Acetone	2.386	43	122953	104.637	ug/l #	88
17) Carbon Disulfide	2.514	76	1376	0.308	ug/l #	90
19) Methyl tert-butyl Ether	3.123	73	849708	129.753	ug/l	100
20) Methylene Chloride	2.794	84	241659	107.098	ug/l	92
24) 1,1-Dichloroethane	3.617	63	271376	72.712	ug/l	98
25) 2-Butanone	4.568	43	111711	64.547	ug/l	92
28) Bromochloromethane	5.099	49	23455	15.424	ug/l #	9
30) Chloroform	5.105	83	285981	72.055	ug/l	98
31) Cyclohexane	5.556	56	4259	1.321	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	15305	5.461	ug/l #	50
37) Ethyl Acetate	4.568	43	111711	34.209	ug/l #	65
38) Carbon Tetrachloride	5.684	117	374938	118.863	ug/l	98
40) Benzene	6.044	78	291593	36.277	ug/l	99
41) Methacrylonitrile	5.099	41	1209	0.694	ug/l #	21
42) 1,2-Dichloroethane	6.098	62	391672	116.854	ug/l	94
44) Trichloroethene	7.129	130	82883	36.699	ug/l	99
45) 1,2-Dichloropropane	7.440	63	194738	91.792	ug/l	96
46) Dibromomethane	7.586	93	63329	40.781	ug/l	97
47) Bromodichloromethane	7.830	83	64527	22.346	ug/l	95
48) Methyl methacrylate	7.434	41	110184	42.482	ug/l #	27
49) 1,4-Dioxane	7.592	88	364	6.702	ug/l #	24
52) Toluene	8.720	92	332381	63.092	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	211721	64.654	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	346783	102.333	ug/l #	91
59) 2-Hexanone	9.433	43	356829	138.248	ug/l	88
60) Dibromochloromethane	9.525	129	151317	59.142	ug/l	99
61) 1,2-Dibromoethane	9.616	107	74606	31.207	ug/l	99

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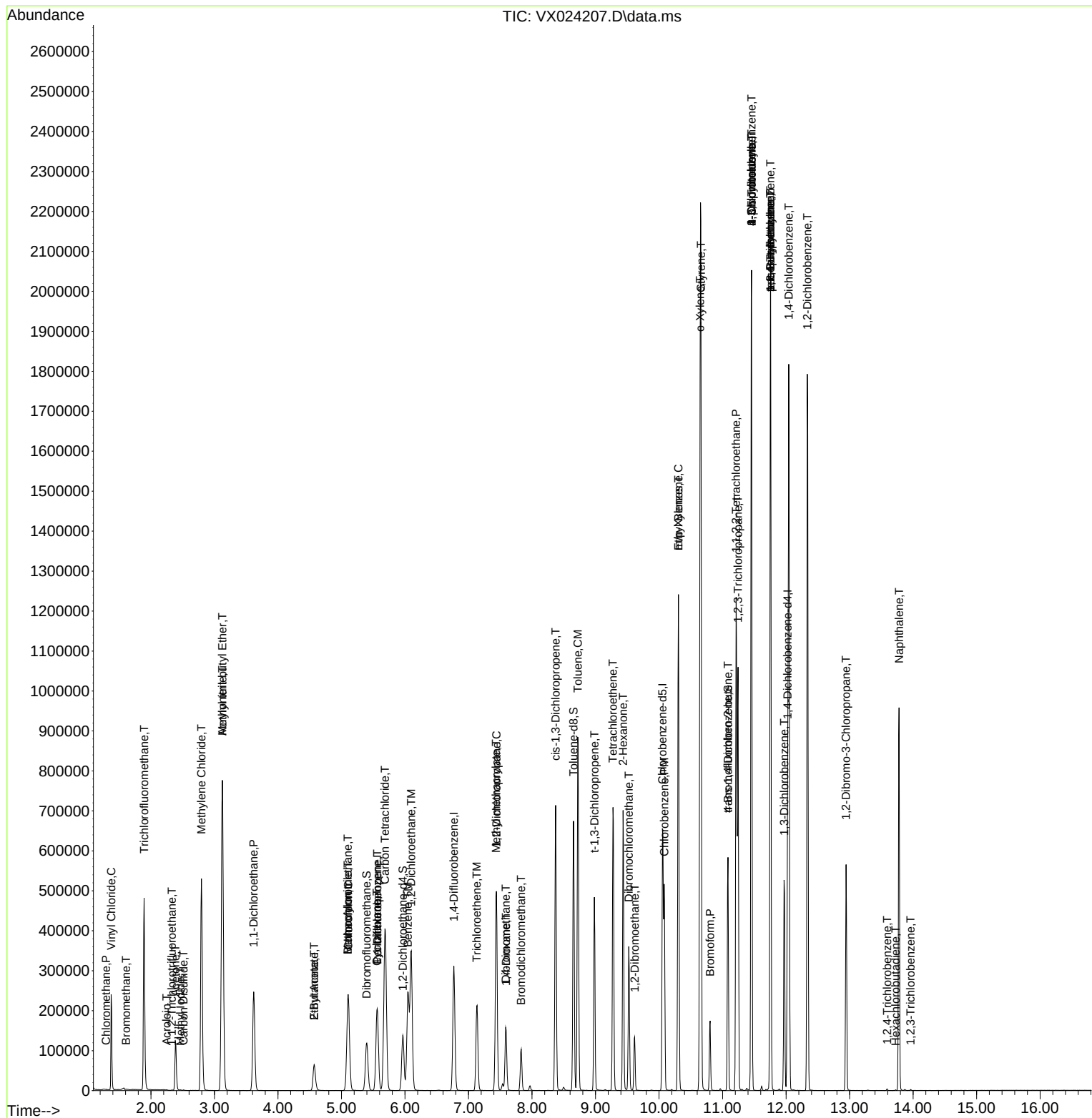
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.275	164	133434	59.158	ug/l	94
65) Chlorobenzene	10.085	112	214100	35.743	ug/l	99
67) Ethyl Benzene	10.305	91	583520	55.688	ug/l #	70
68) m/p-Xylenes	10.305	106	280020	69.802	ug/l	97
69) o-Xylene	10.646	106	255256	63.742	ug/l	99
70) Styrene	10.659	104	687659	105.855	ug/l	99
71) Bromoform	10.805	173	63152	34.450	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	464769	134.209	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	324791	98.264	ug/l	90
78) n-propylbenzene	11.457	91	100571	8.317	ug/l #	1
79) 2-Chlorotoluene	11.457	91	100571	13.389	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.457	105	910335	100.891	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	80646	71.758	ug/l #	12
82) 4-Chlorotoluene	11.457	91	100571	11.768	ug/l #	46
83) tert-Butylbenzene	11.756	119	106912	12.276	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.756	105	885659	99.783	ug/l	100
85) sec-Butylbenzene	11.756	105	885659	81.169	ug/l #	57
86) p-Isopropyltoluene	11.756	119	105981	11.571	ug/l #	7
87) 1,3-Dichlorobenzene	11.969	146	170069	35.293	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	547567	111.323	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	553875	117.159	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	109109	137.332	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1113	0.400	ug/l	95
94) Hexachlorobutadiene	13.725	225	372	0.267	ug/l	88
95) Naphthalene	13.780	128	570165	55.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	719	0.256	ug/l	94

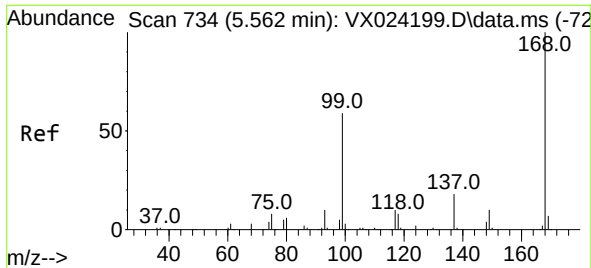
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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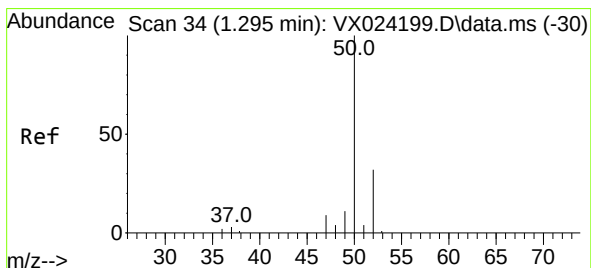
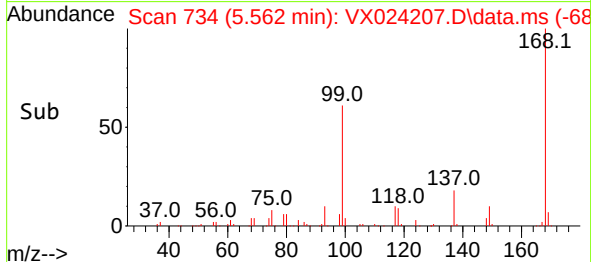
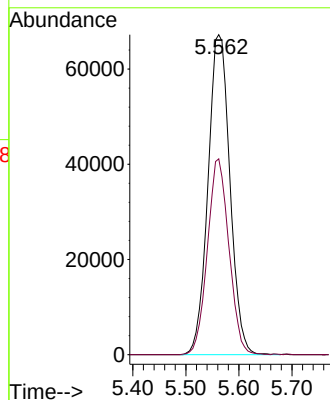
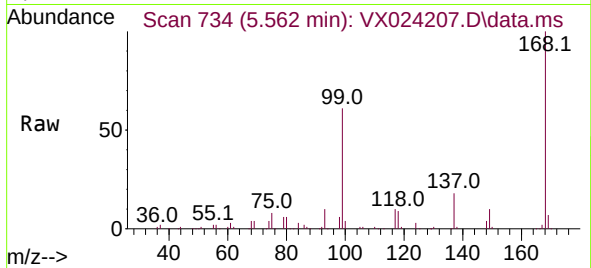




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

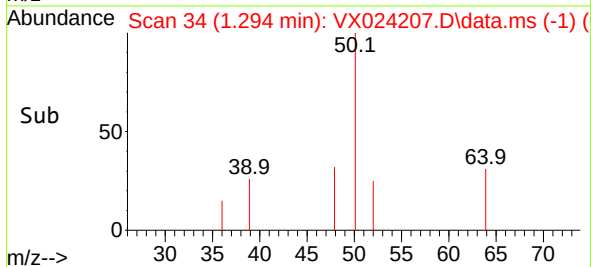
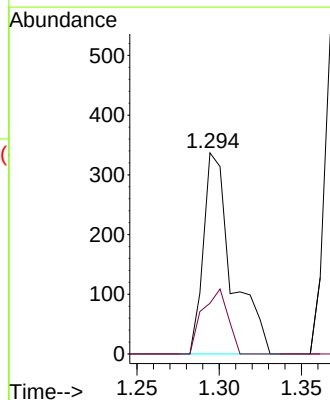
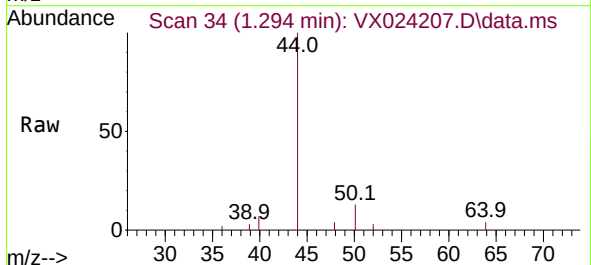
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

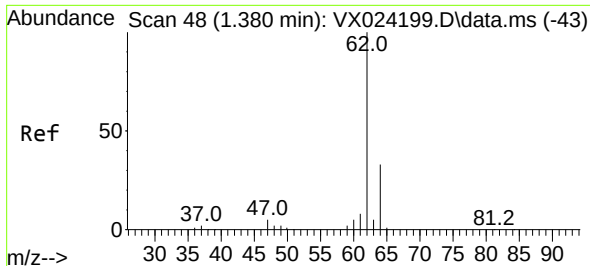
Tgt Ion:168 Resp: 193257
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 25.2 26.4 39.6#

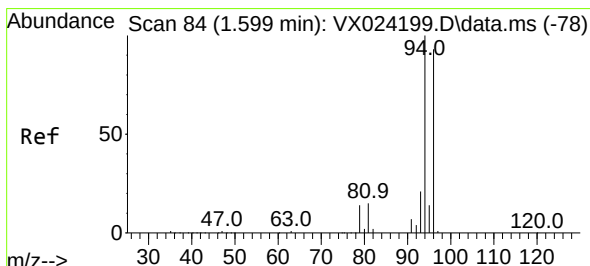
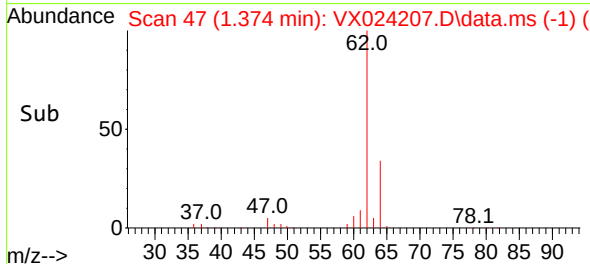
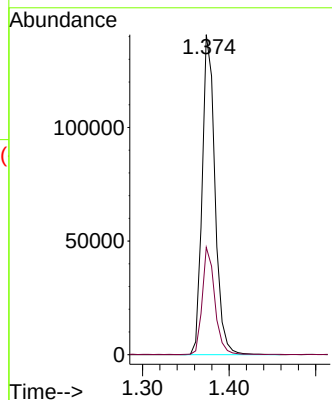
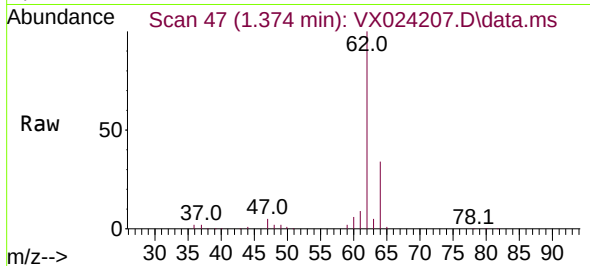




#4
 Vinyl Chloride
 Concen: 75.110 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.006 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

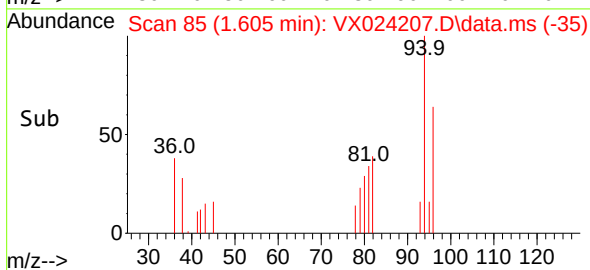
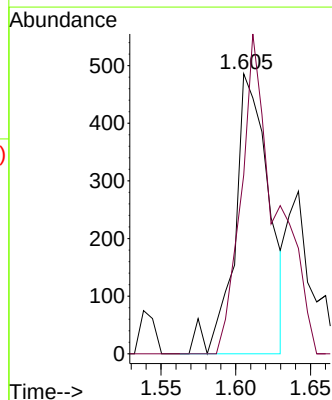
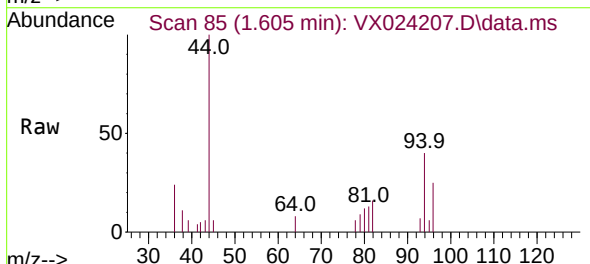
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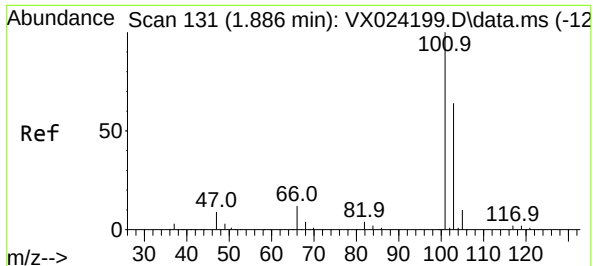
Tgt Ion: 62 Resp: 145014
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.7 38.5



#5
 Bromomethane
 Concen: 0.670 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

Tgt Ion: 94 Resp: 770
 Ion Ratio Lower Upper
 94 100
 96 63.8 76.4 114.6#

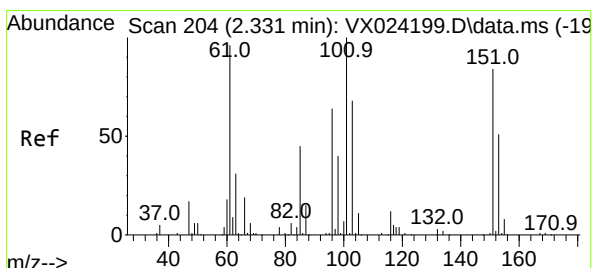
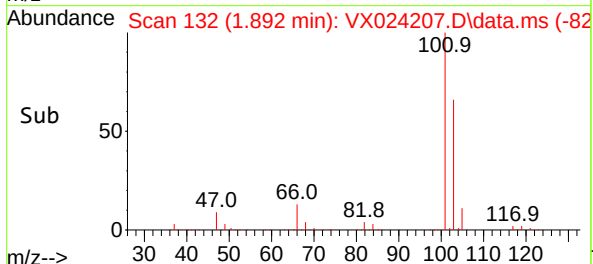
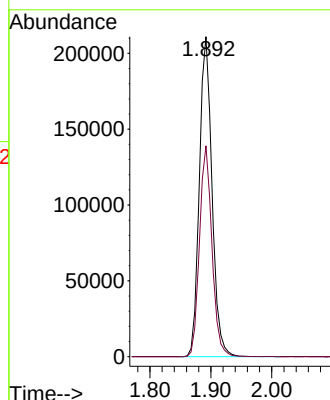
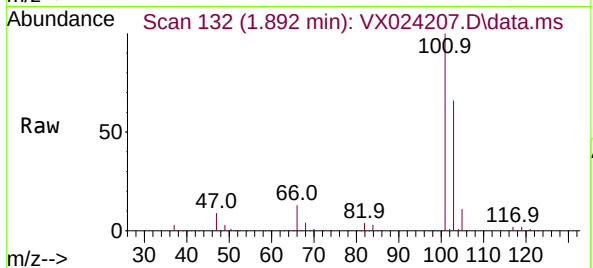




#7
Trichlorofluoromethane
Concen: 94.028 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

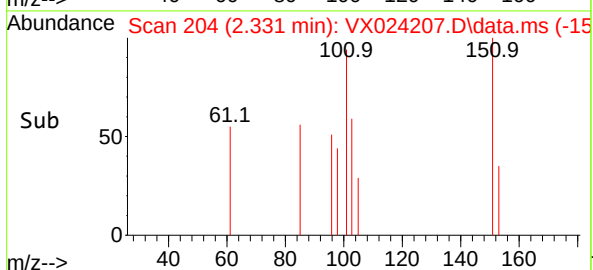
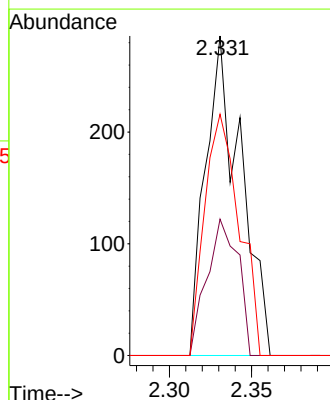
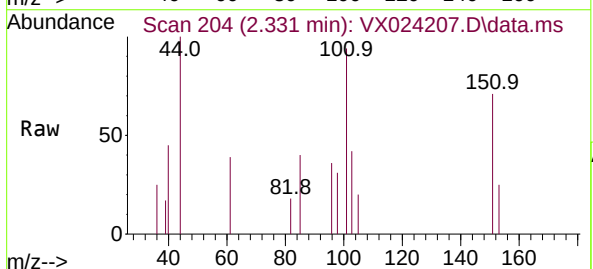
Instrument :
MSVOA_X
ClientSampleId :
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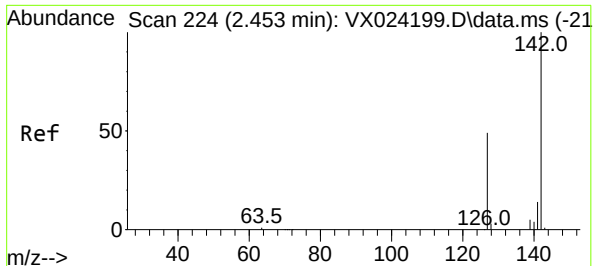
Tgt Ion:101 Resp: 304524
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.224 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

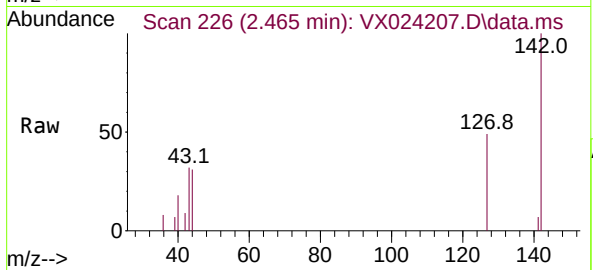
Tgt Ion:101 Resp: 426
Ion Ratio Lower Upper
101 100
85 37.8 34.9 52.3
151 74.2 61.4 92.2



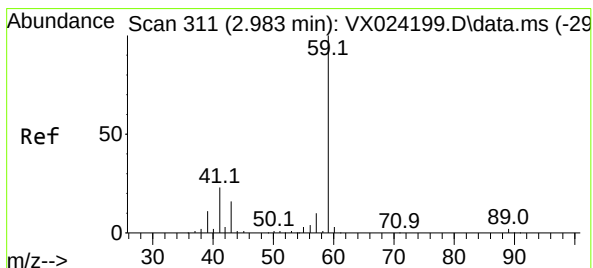
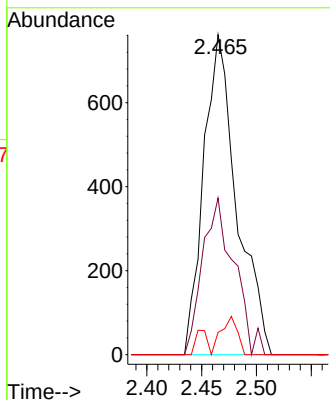
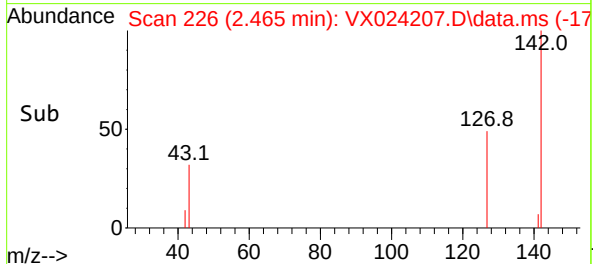


#10
Methyl Iodide
Concen: 0.607 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

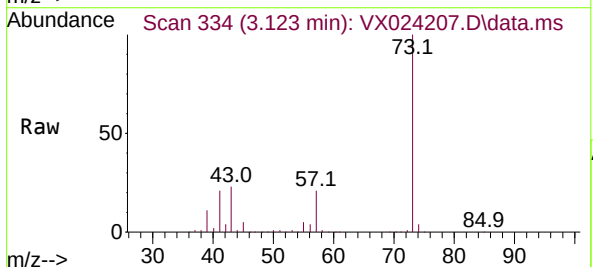
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP



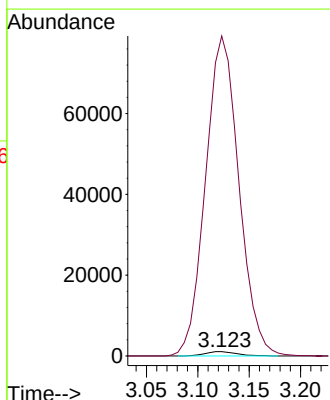
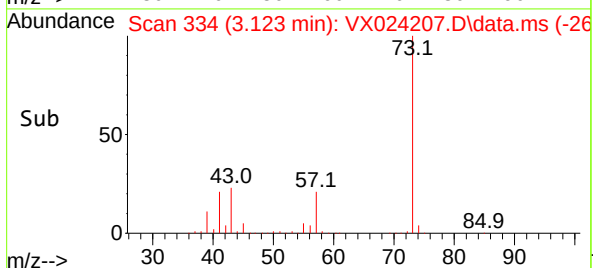
Tgt Ion:142 Resp: 1599
Ion Ratio Lower Upper
142 100
127 46.7 33.3 49.9
141 5.9 11.4 17.0#

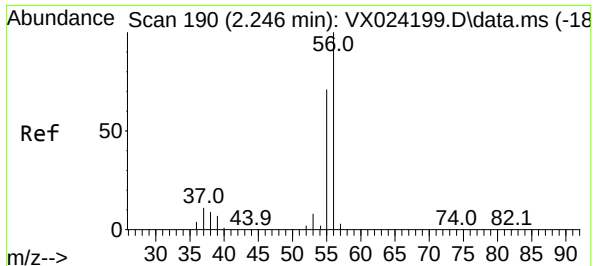


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.123 min Scan# 334
Delta R.T. 0.140 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07



Tgt Ion: 59 Resp: 2280
Ion Ratio Lower Upper
59 100
57 7869.3 7.8 11.8#

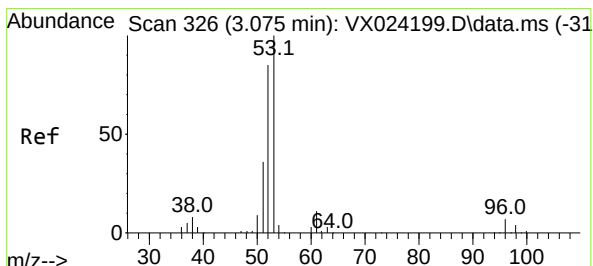
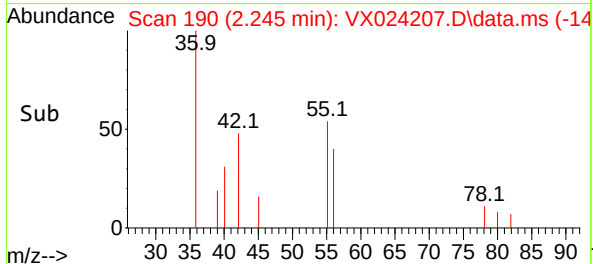
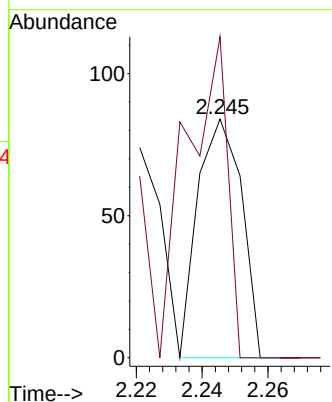
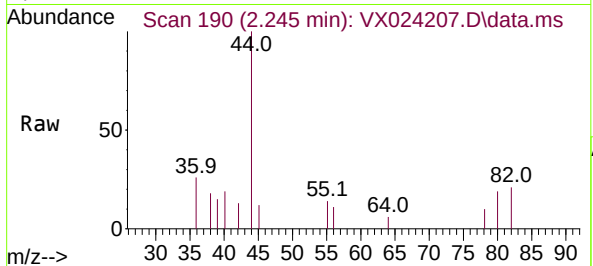




#13
Acrolein
Concen: 0.429 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

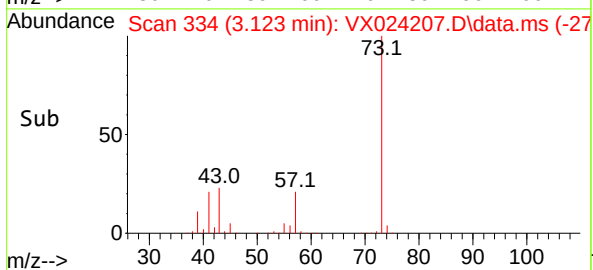
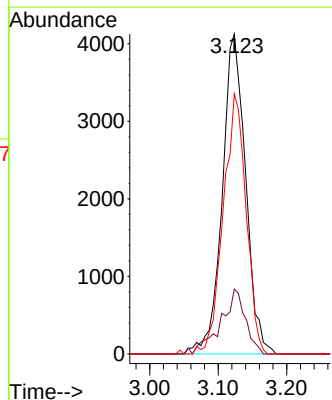
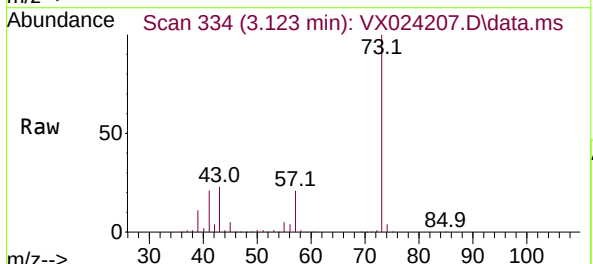
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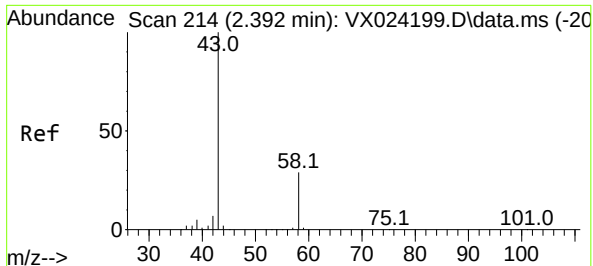
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 155.1 56.4 84.6#



#15
Acrylonitrile
Concen: 8.661 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.048 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 53 Resp: 9762
Ion Ratio Lower Upper
53 100
52 21.6 65.3 97.9#
51 79.5 28.2 42.2#

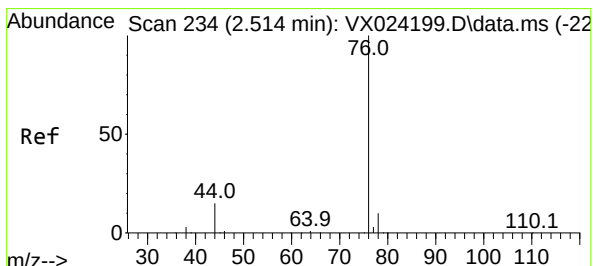
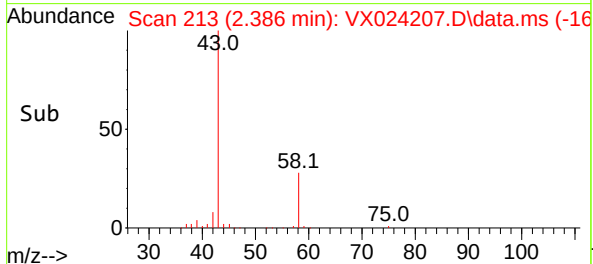
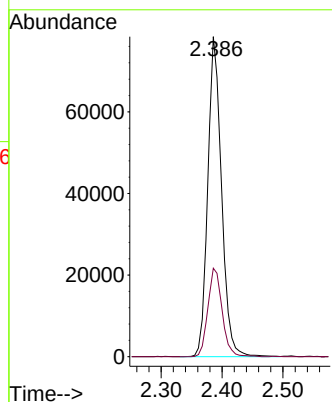
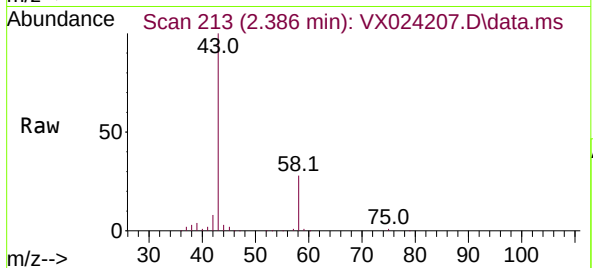




#16
Acetone
Concen: 104.637 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

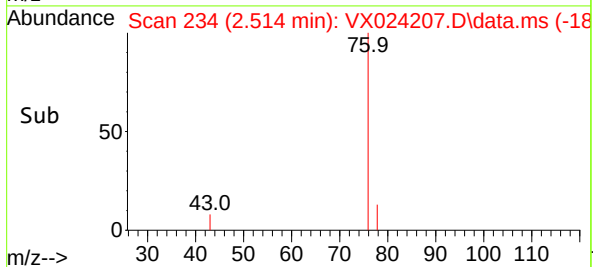
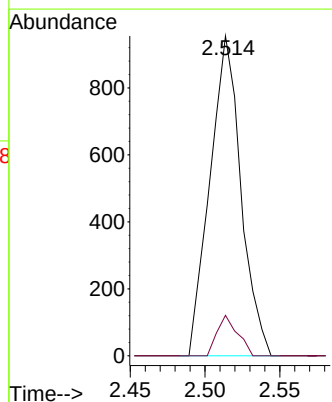
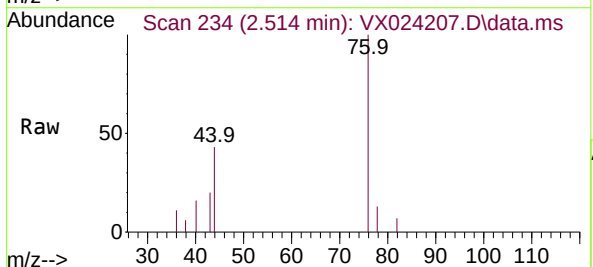
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

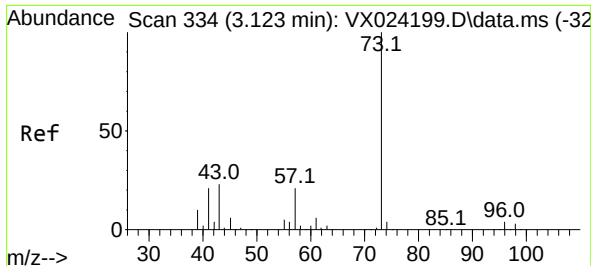
Tgt Ion: 43 Resp: 122953
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 76 Resp: 1376
Ion Ratio Lower Upper
76 100
78 12.7 7.2 10.8#

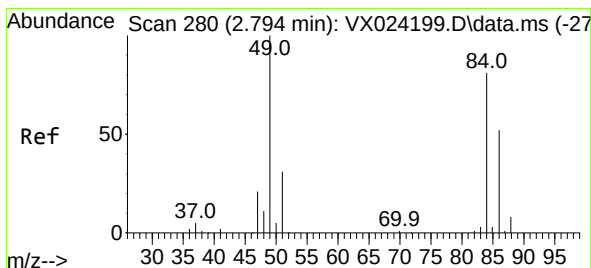
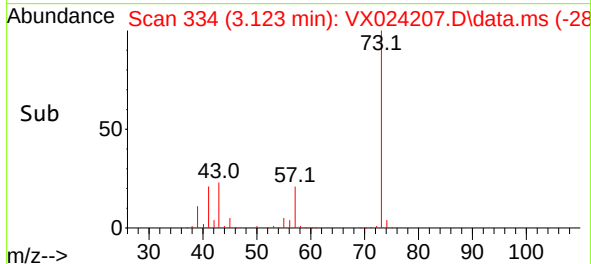
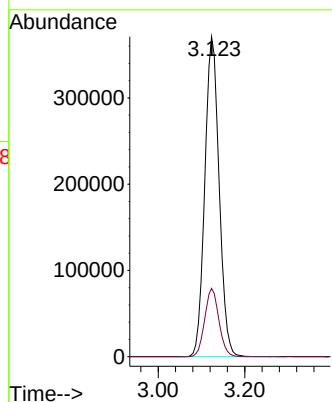
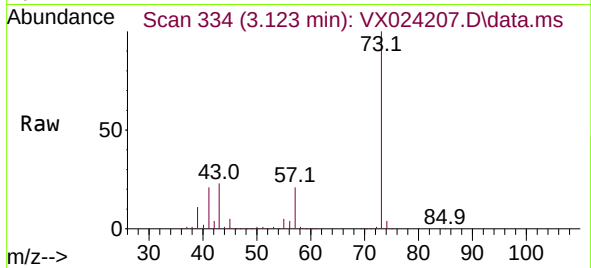




#19
Methyl tert-butyl Ether
Concen: 129.753 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

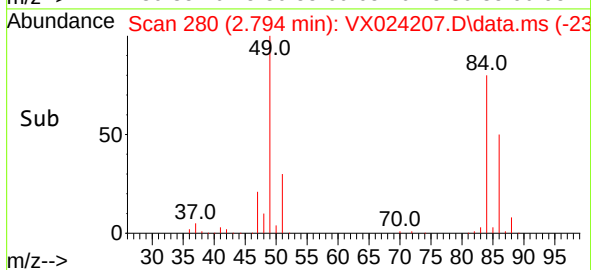
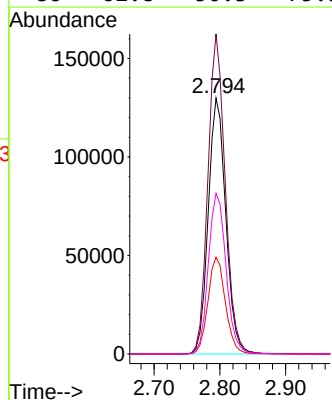
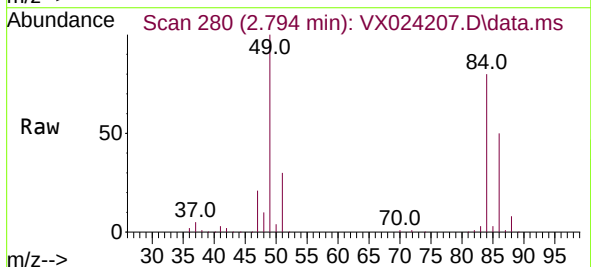
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

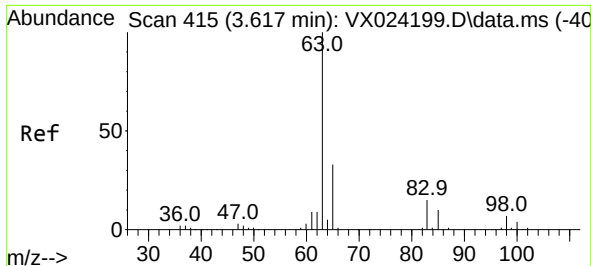
Tgt Ion: 73 Resp: 849708
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 107.098 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 84 Resp: 241659
Ion Ratio Lower Upper
84 100
49 125.0 88.6 132.8
51 37.9 27.0 40.6
86 62.8 50.3 75.5

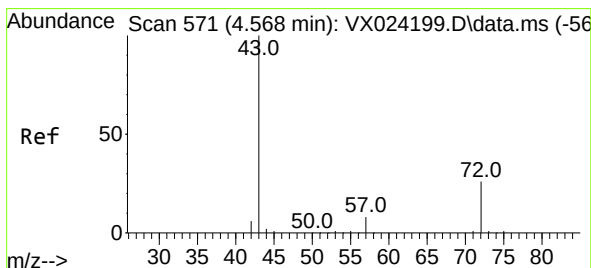
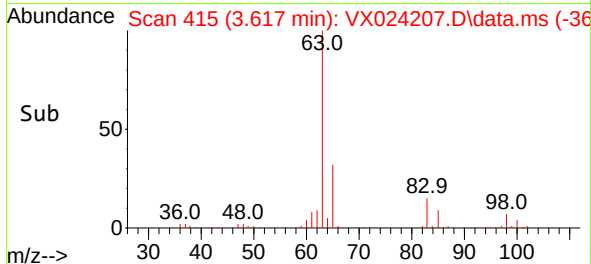
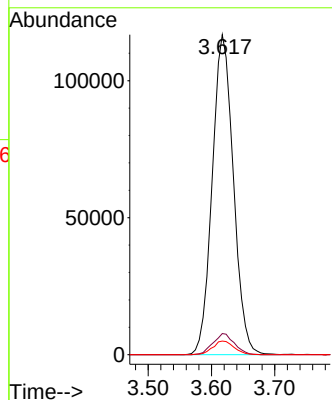
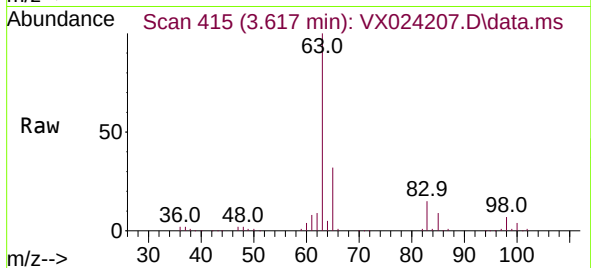




#24
1,1-Dichloroethane
Concen: 72.712 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

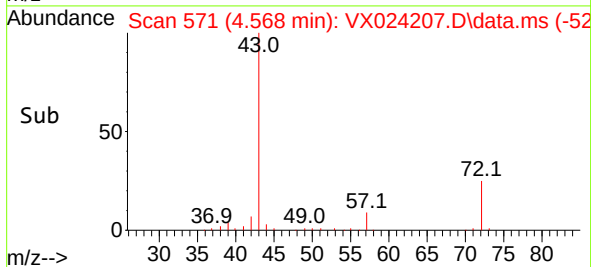
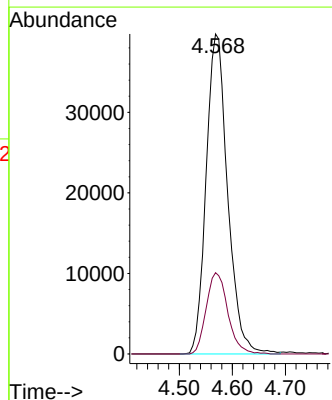
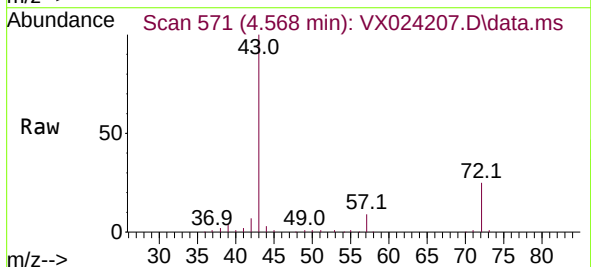
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

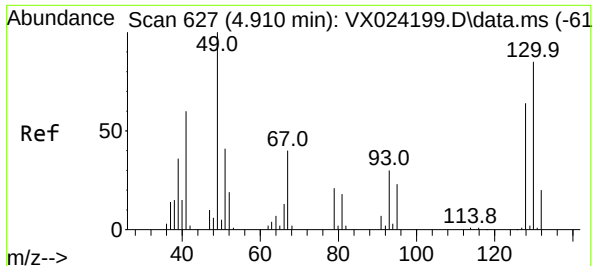
Tgt Ion: 63 Resp: 271376
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 4.3 2.5 7.5



#25
2-Butanone
Concen: 64.547 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 43 Resp: 111711
Ion Ratio Lower Upper
43 100
72 25.4 23.7 35.5

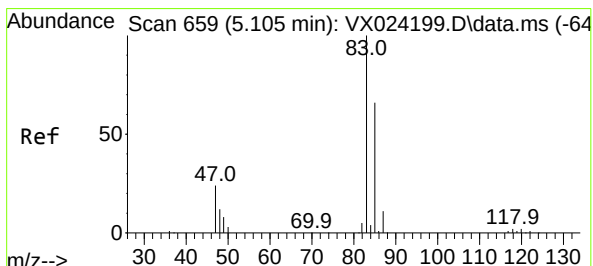
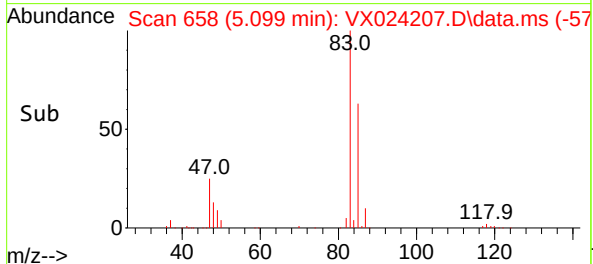
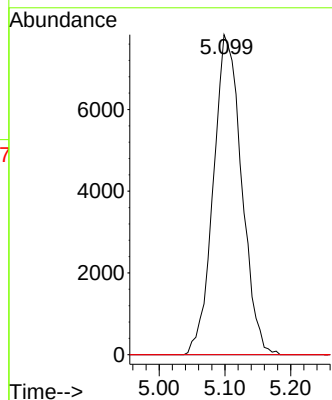
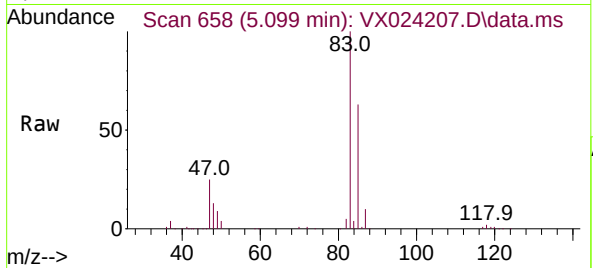




#28
Bromochloromethane
Concen: 15.424 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.189 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

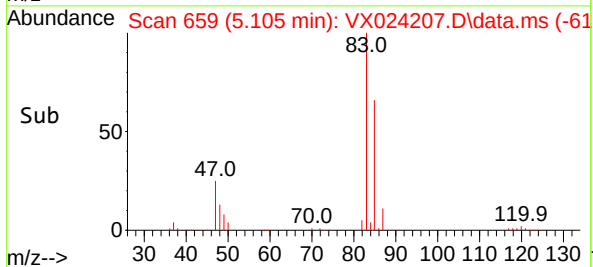
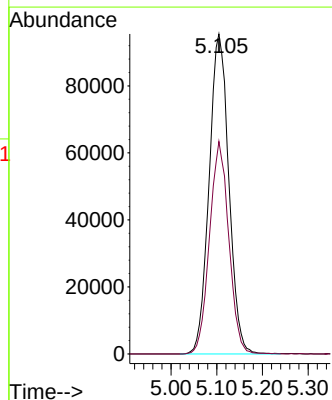
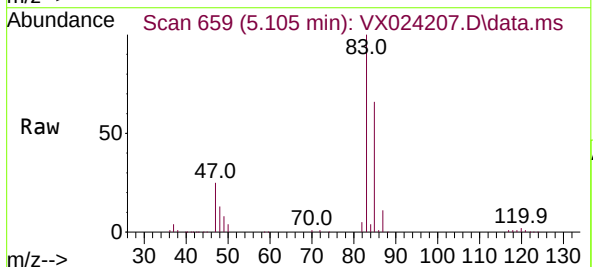
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

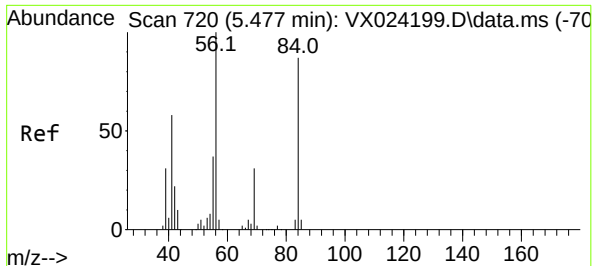
Tgt Ion: 49 Resp: 23455
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 72.055 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 83 Resp: 285981
Ion Ratio Lower Upper
83 100
85 66.4 52.0 78.0

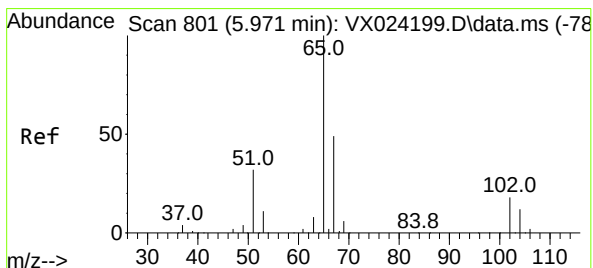
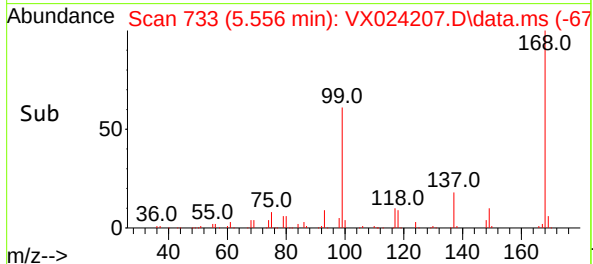
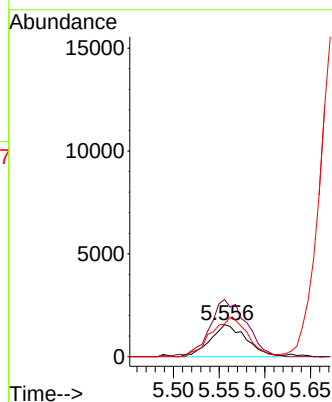
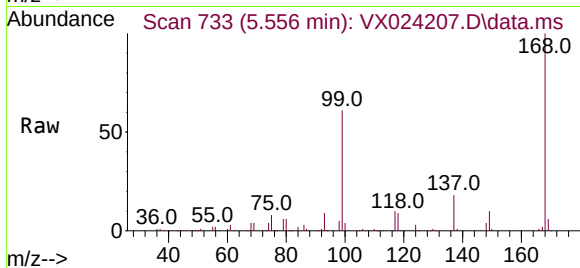




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

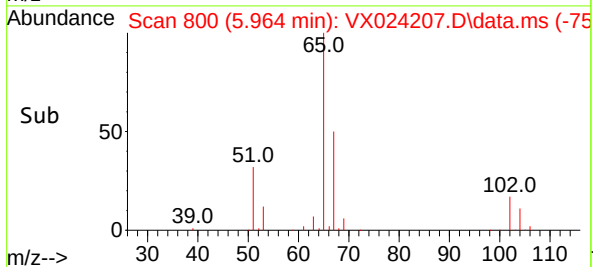
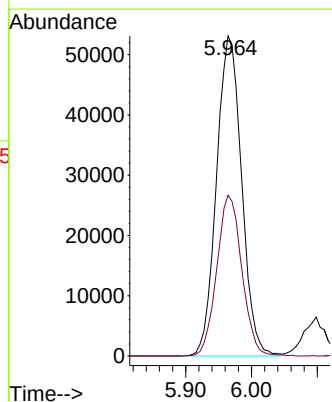
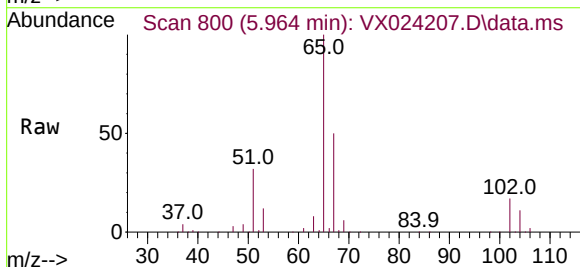
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

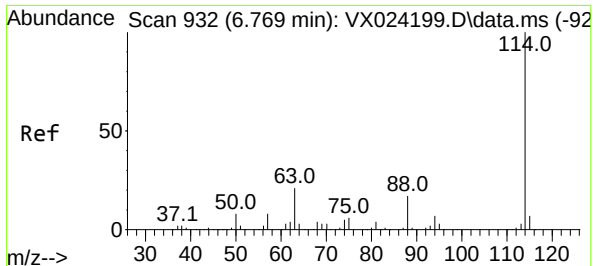
Tgt Ion: 56 Resp: 4259
Ion Ratio Lower Upper
56 100
69 175.7 25.3 37.9#
84 101.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.214 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 65 Resp: 141136
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

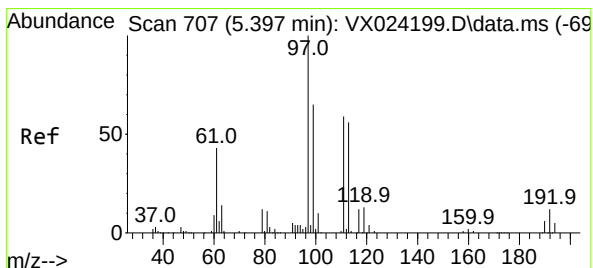
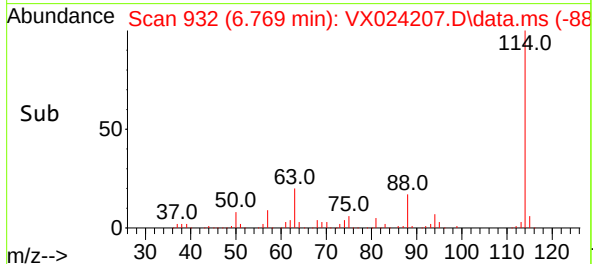
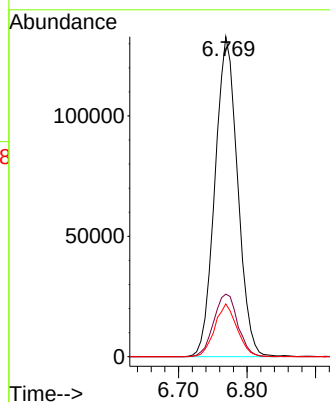
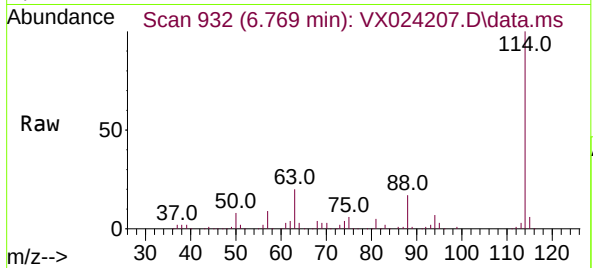




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

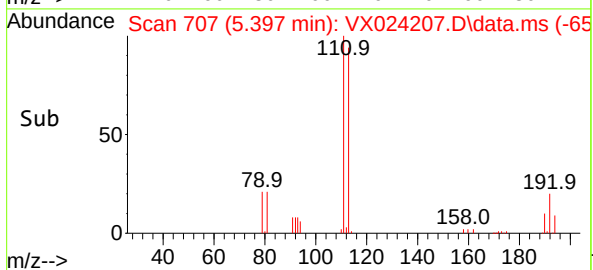
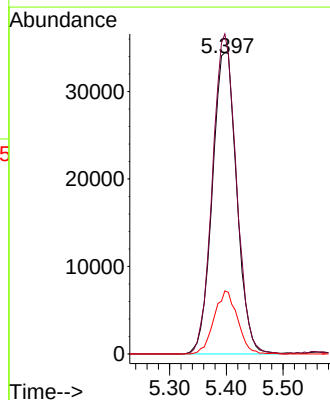
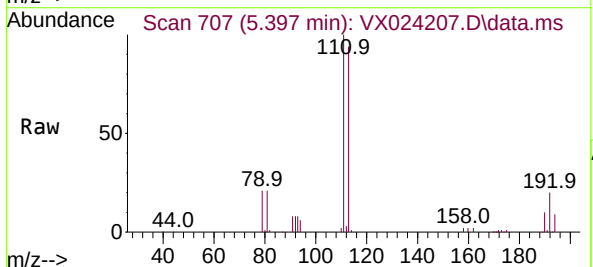
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

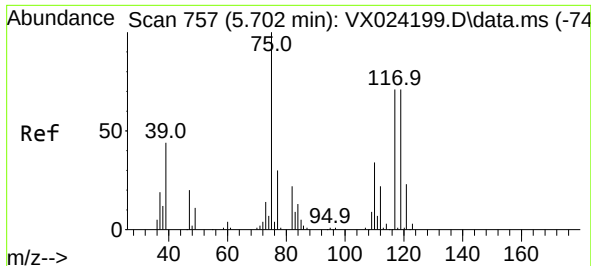
Tgt Ion:114 Resp: 304824
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:113 Resp: 103079
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.1 16.7 25.1

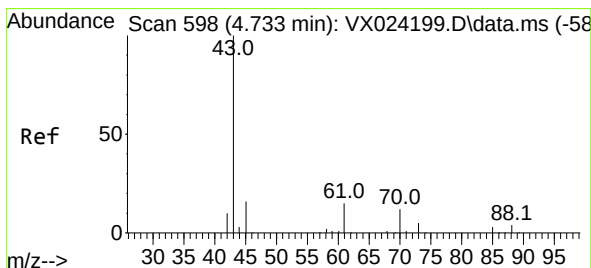
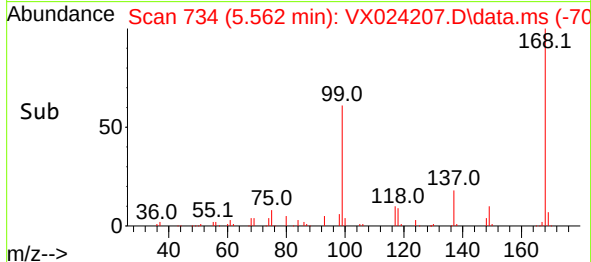
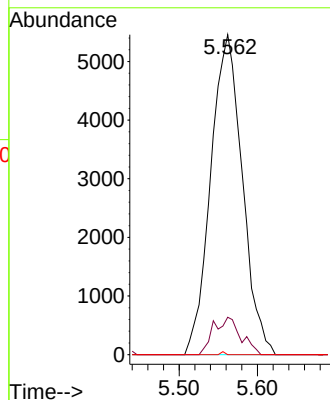
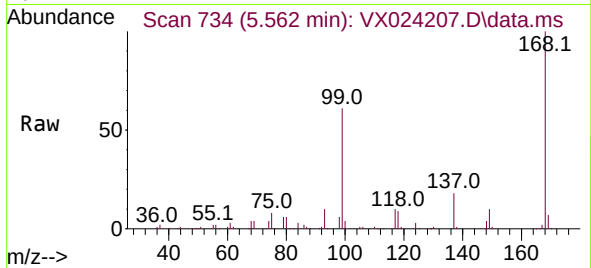




#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

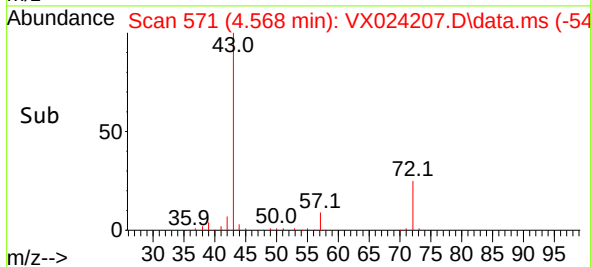
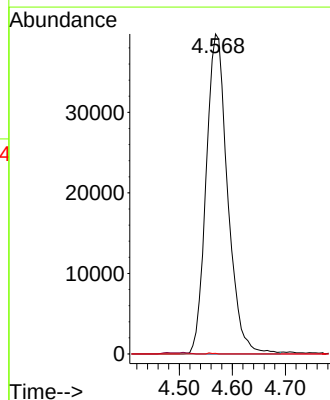
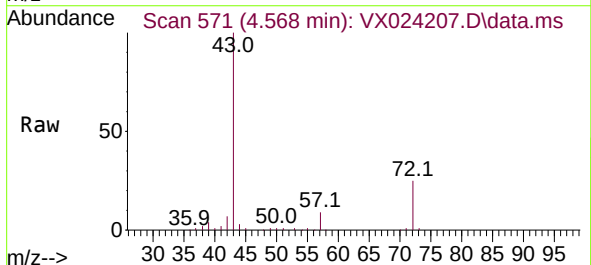
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

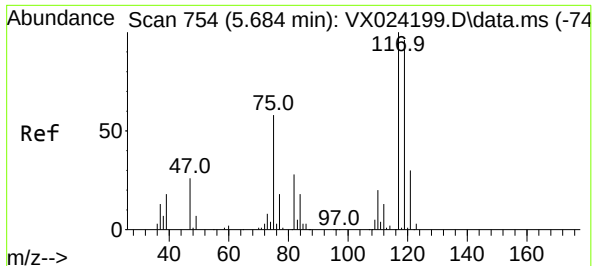
Tgt Ion: 75 Resp: 15305
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.1 25.3 37.9#



#37
Ethyl Acetate
Concen: 34.209 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.165 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 43 Resp: 111711
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.1 10.5 15.7#

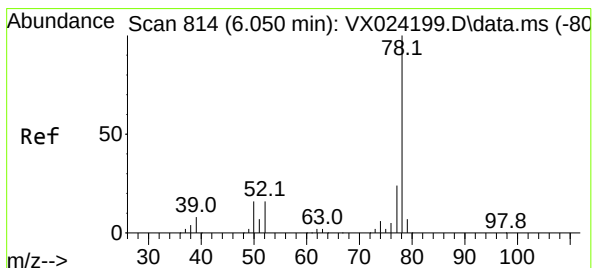
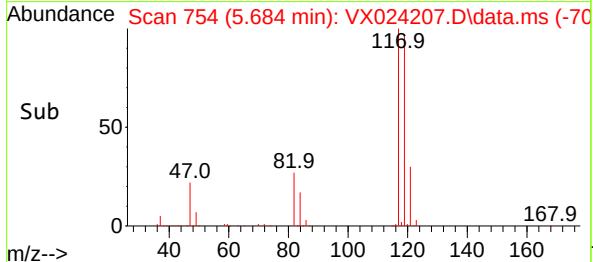
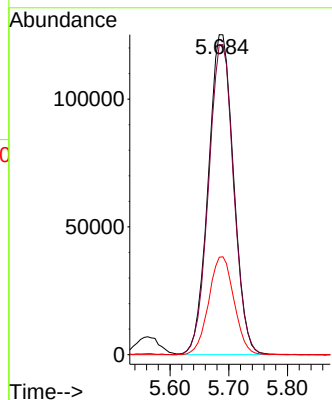
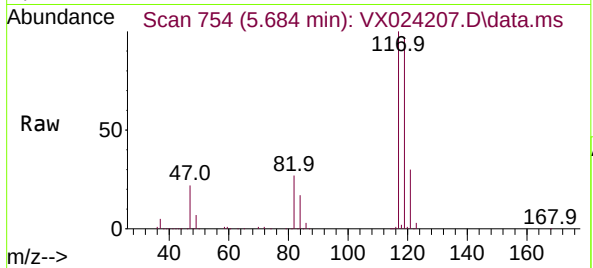




#38
Carbon Tetrachloride
Concen: 118.863 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

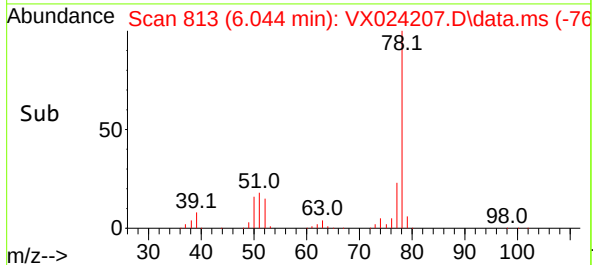
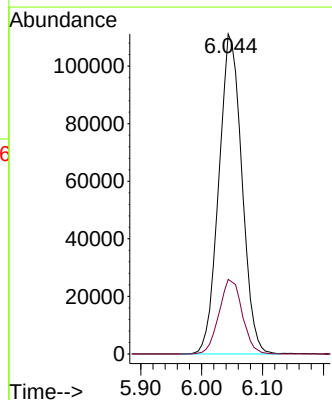
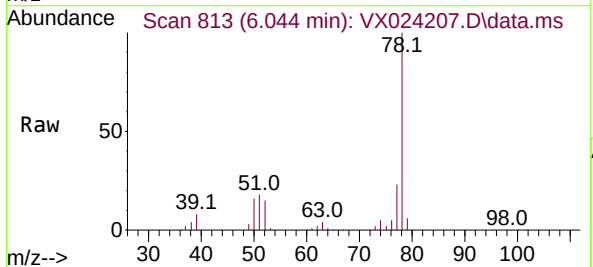
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

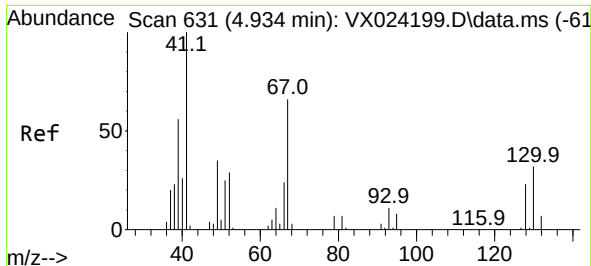
Tgt Ion:117 Resp: 374938
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 30.5 24.8 37.2



#40
Benzene
Concen: 36.277 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 78 Resp: 291593
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

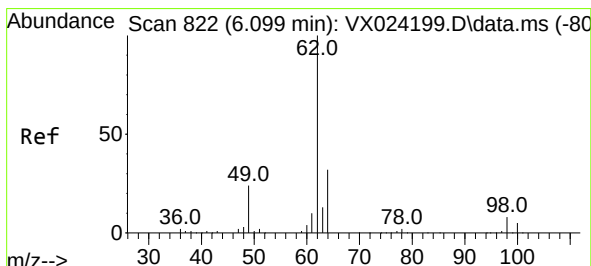
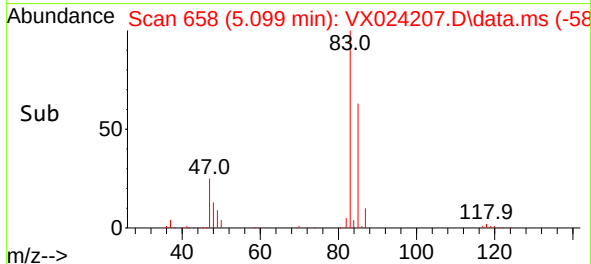
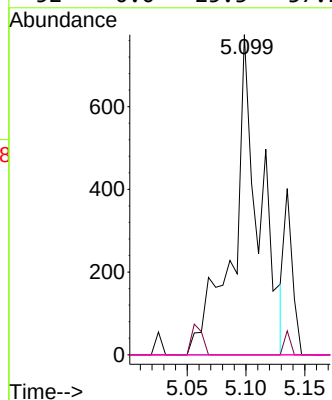
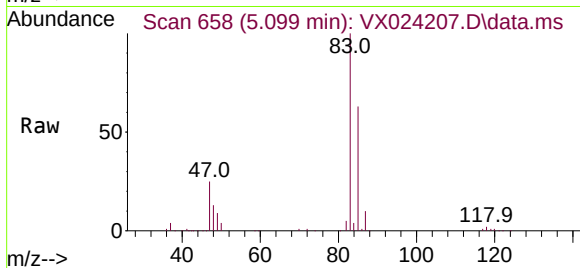




#41
Methacrylonitrile
Concen: 0.694 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.165 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

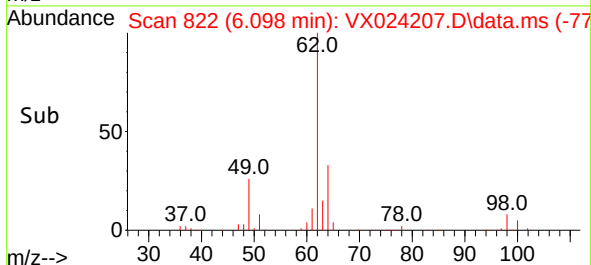
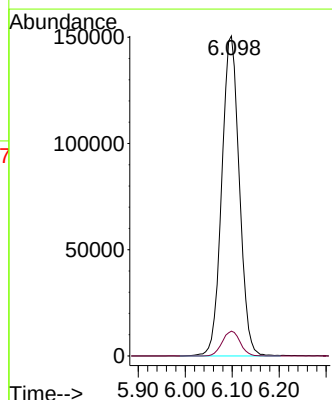
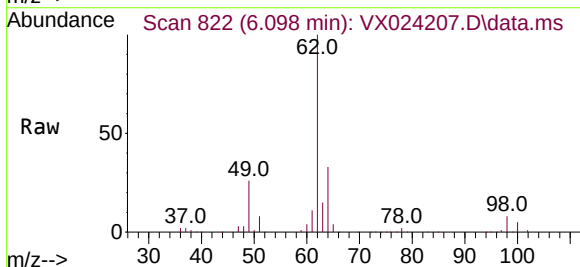
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

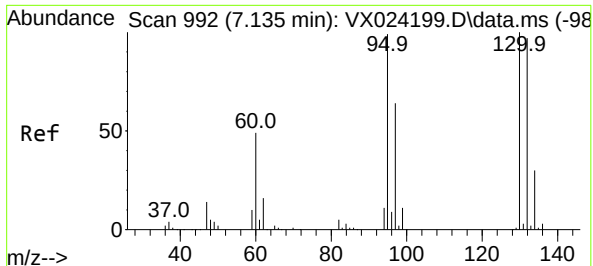
Tgt Ion:	41	Resp:	1209
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#42
1,2-Dichloroethane
Concen: 116.854 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:	62	Resp:	391672
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	20.2

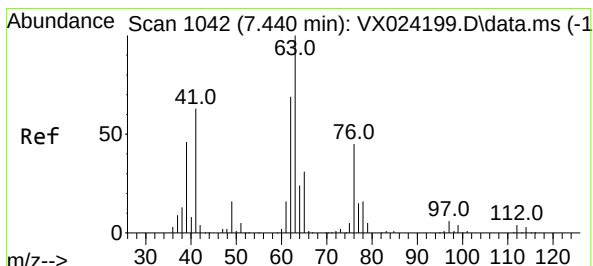
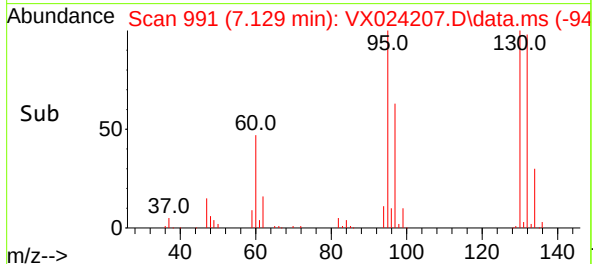
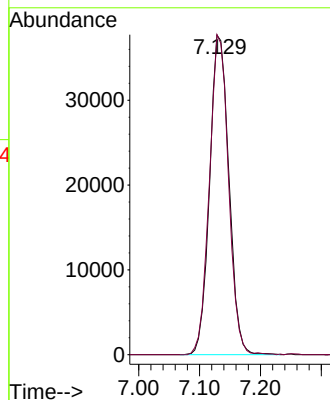
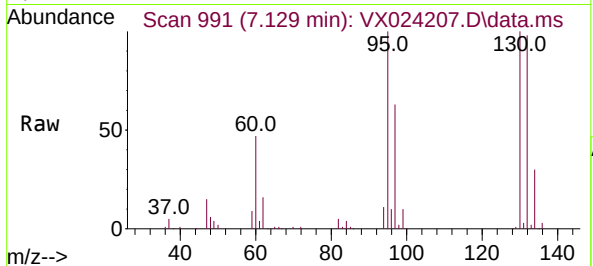




#44
Trichloroethene
Concen: 36.699 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

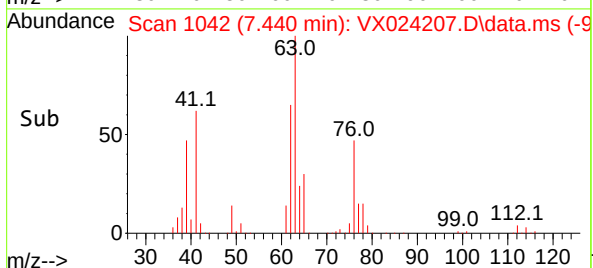
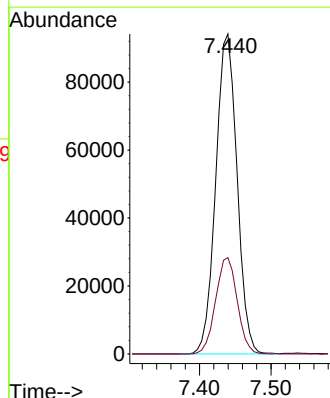
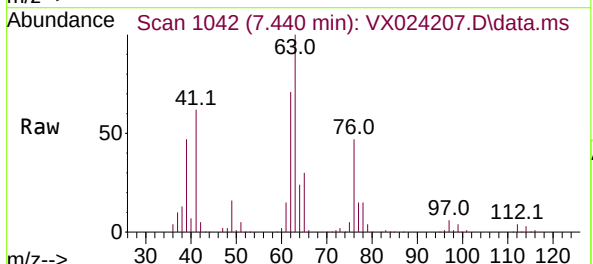
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

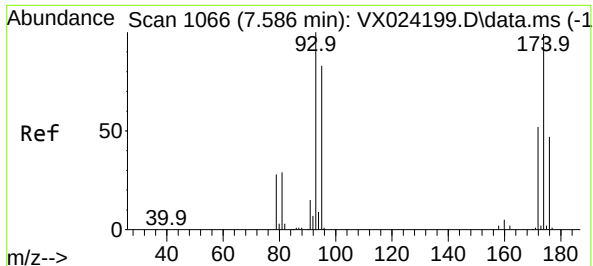
Tgt Ion:130 Resp: 82883
Ion Ratio Lower Upper
130 100
95 100.1 0.0 198.0



#45
1,2-Dichloropropane
Concen: 91.792 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 63 Resp: 194738
Ion Ratio Lower Upper
63 100
65 30.1 25.7 38.5

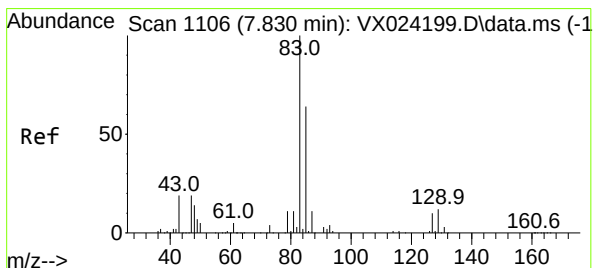
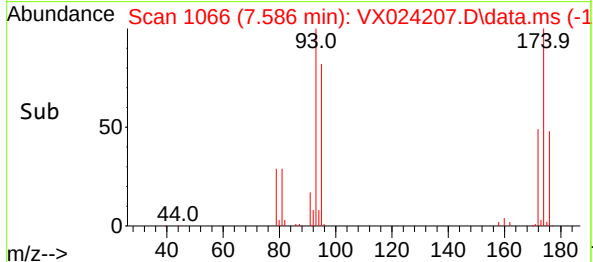
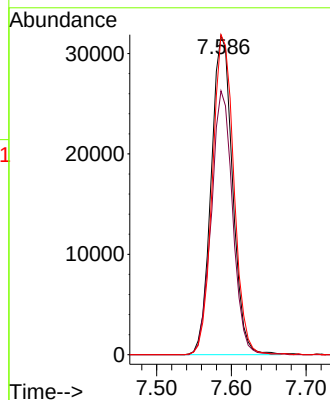
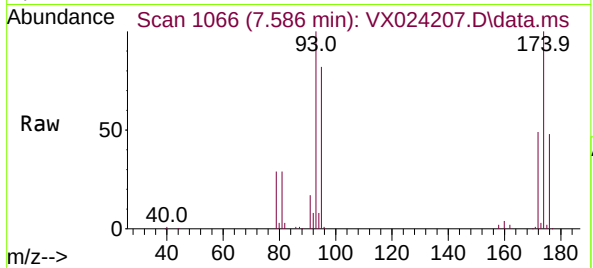




#46
Dibromomethane
Concen: 40.781 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

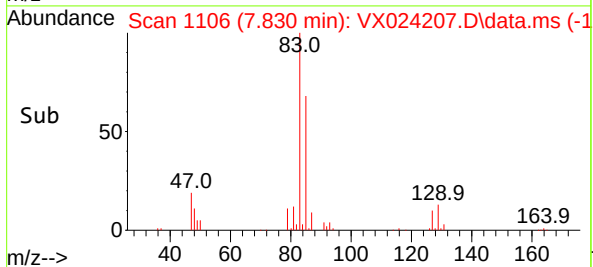
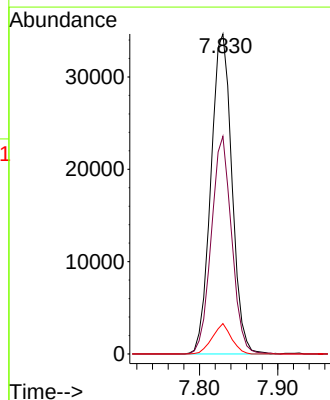
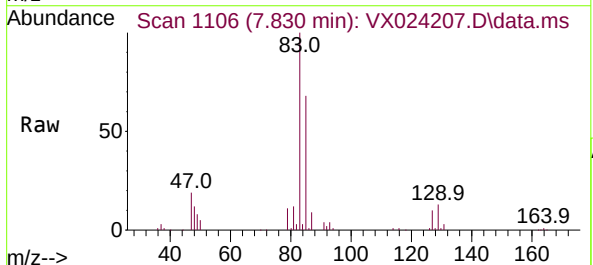
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

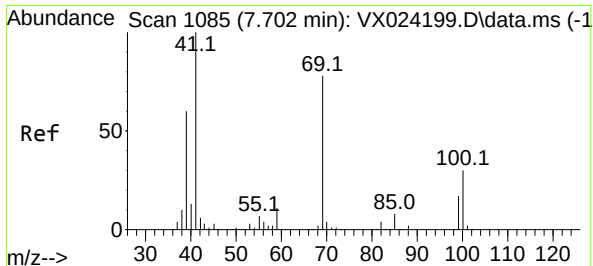
Tgt Ion: 93 Resp: 63329
Ion Ratio Lower Upper
93 100
95 82.0 66.8 100.2
174 100.2 83.1 124.7



#47
Bromodichloromethane
Concen: 22.346 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 83 Resp: 64527
Ion Ratio Lower Upper
83 100
85 68.0 51.4 77.0
127 9.5 6.8 10.2

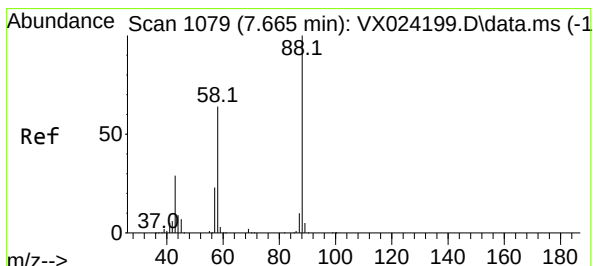
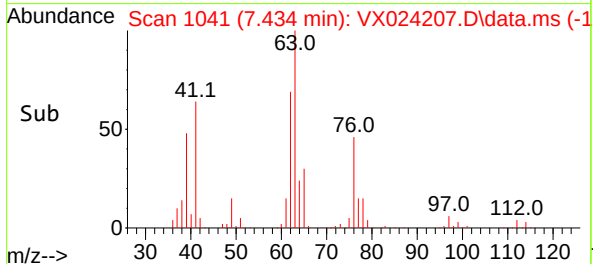
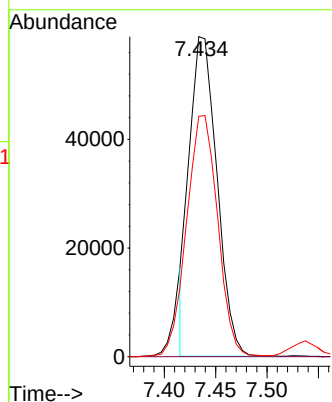
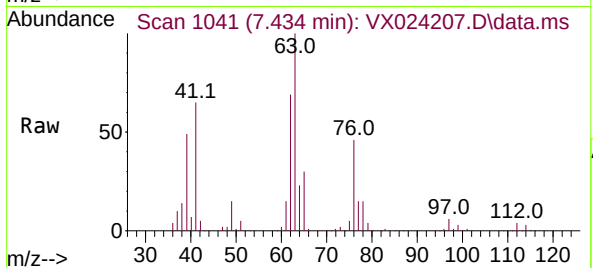




#48
Methyl methacrylate
Concen: 42.482 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.268 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

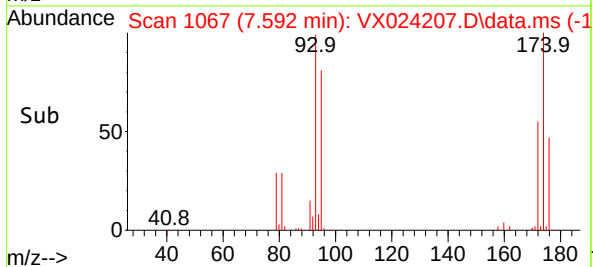
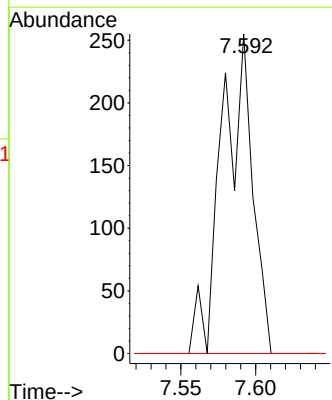
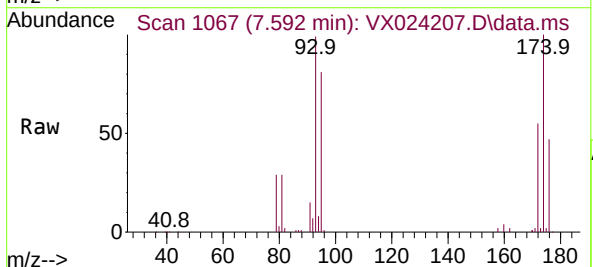
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

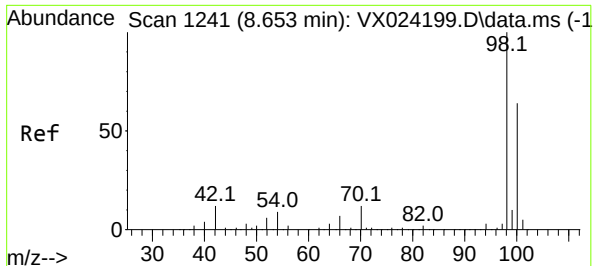
Tgt Ion: 41 Resp: 110184
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 77.2 44.6 67.0#



#49
1,4-Dioxane
Concen: 6.702 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.073 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 88 Resp: 364
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#





#50

Toluene-d8

Concen: 52.000 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024207.D

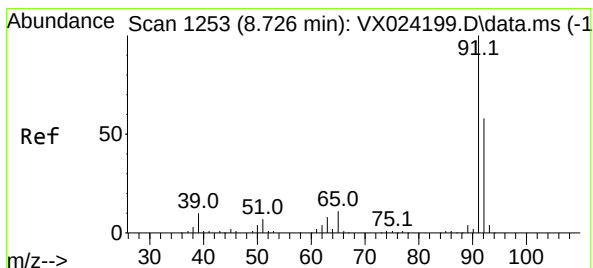
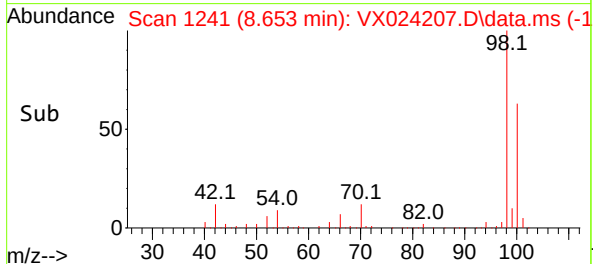
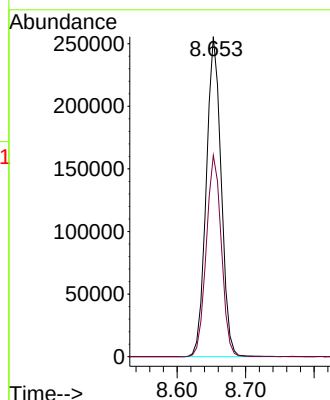
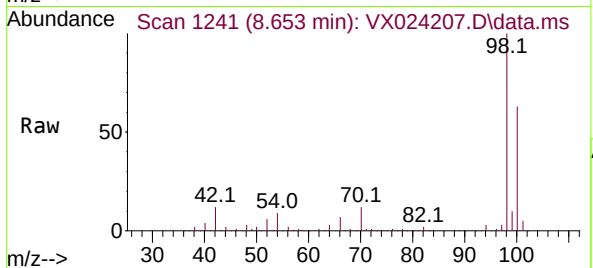
Acq: 14 Sep 2021 15:07

Tgt Ion: 98 Resp: 387258

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#52

Toluene

Concen: 63.092 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.006 min

Lab File: VX024207.D

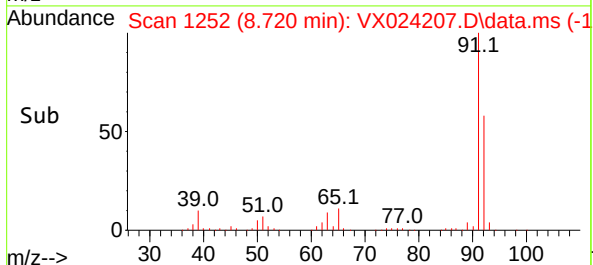
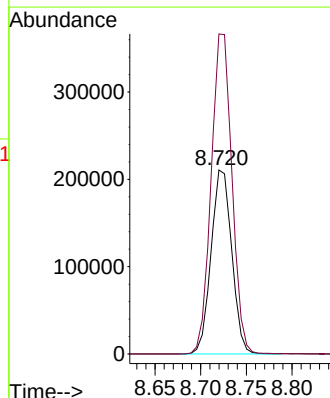
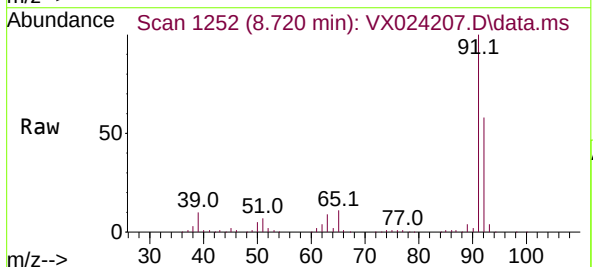
Acq: 14 Sep 2021 15:07

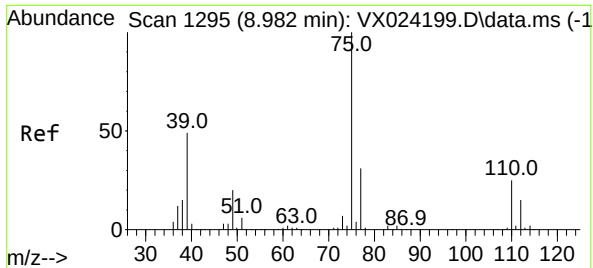
Tgt Ion: 92 Resp: 332381

Ion Ratio Lower Upper

92 100

91 175.1 137.1 205.7

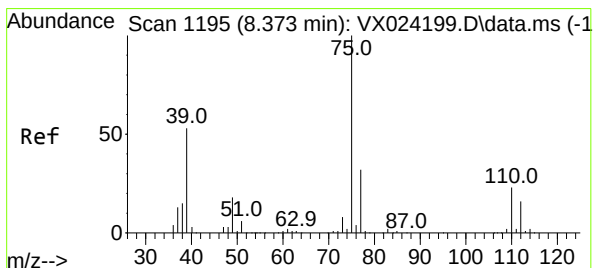
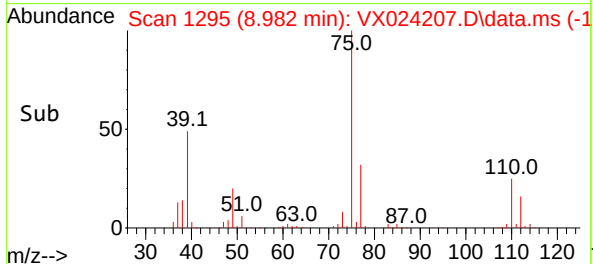
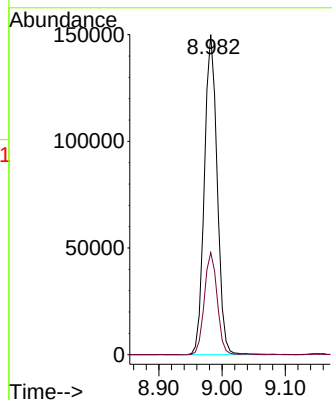
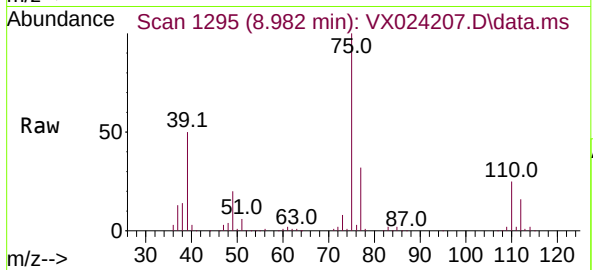




#53
t-1,3-Dichloropropene
Concen: 64.654 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

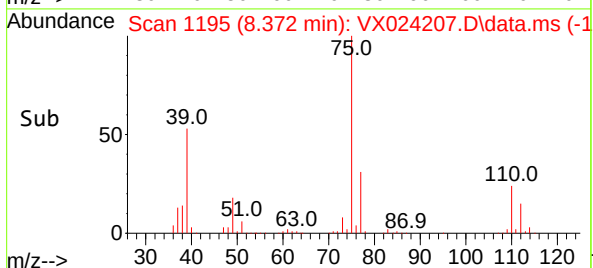
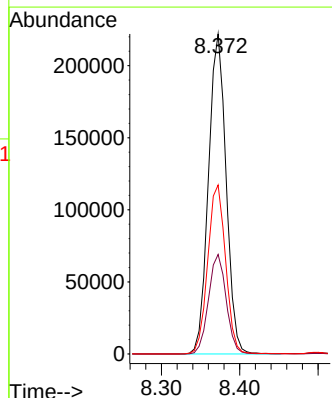
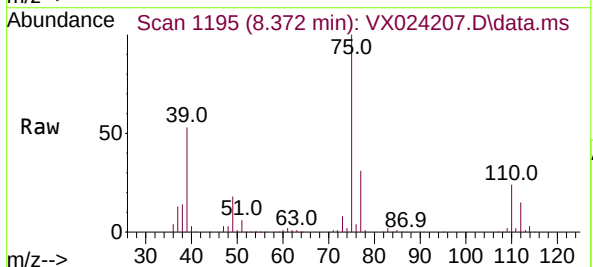
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

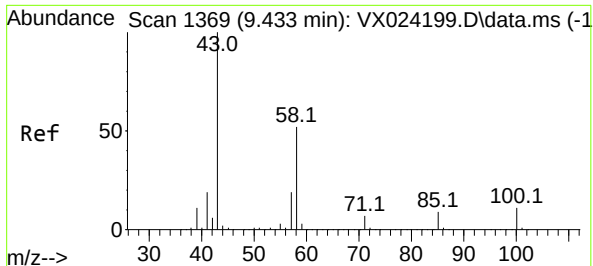
Tgt Ion: 75 Resp: 211721
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 102.333 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 75 Resp: 346783
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 52.8 35.1 52.7#

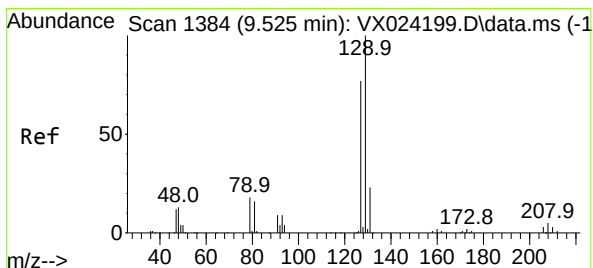
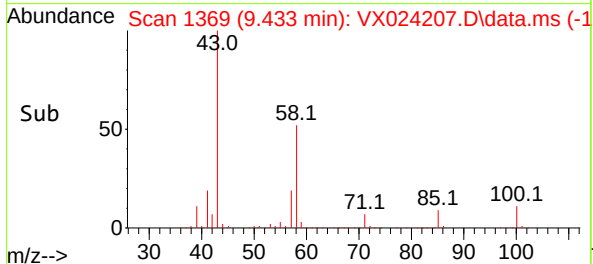
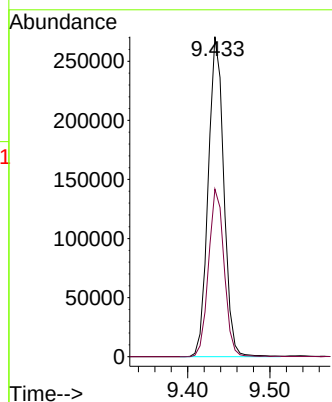
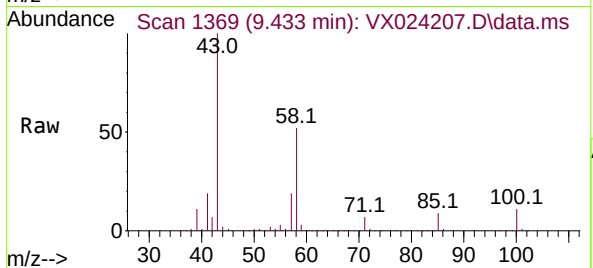




#59
2-Hexanone
Concen: 138.248 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

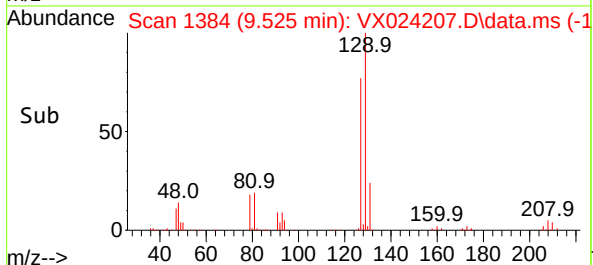
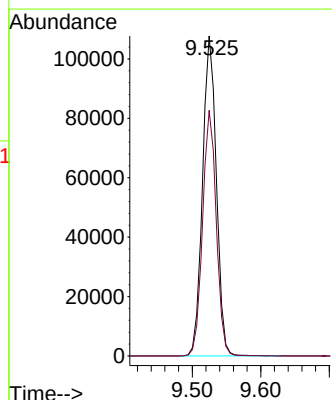
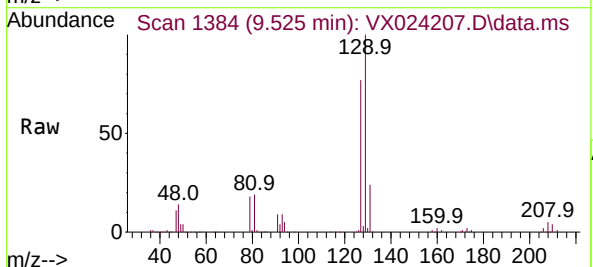
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

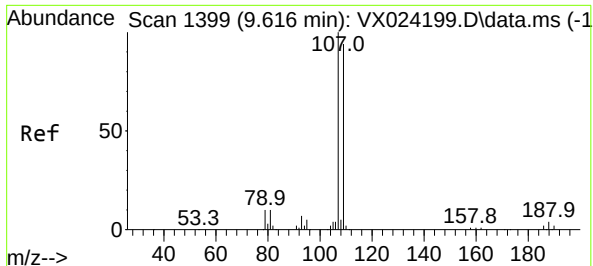
Tgt Ion: 43 Resp: 356829
Ion Ratio Lower Upper
43 100
58 52.4 30.9 92.8



#60
Dibromochloromethane
Concen: 59.142 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 129 Resp: 151317
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2

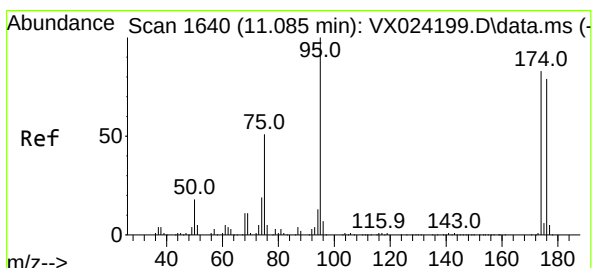
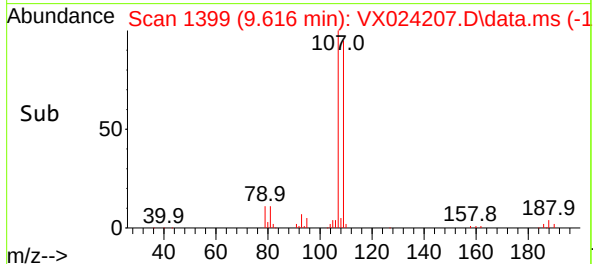
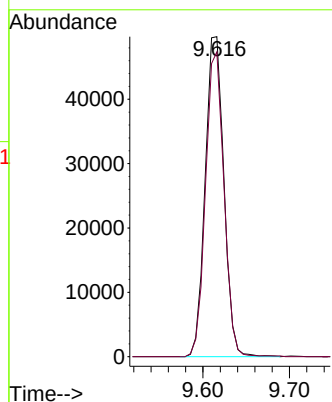
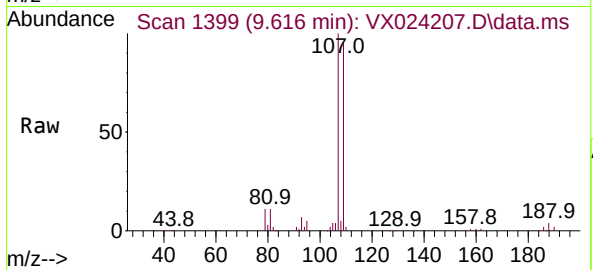




#61
1,2-Dibromoethane
Concen: 31.207 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

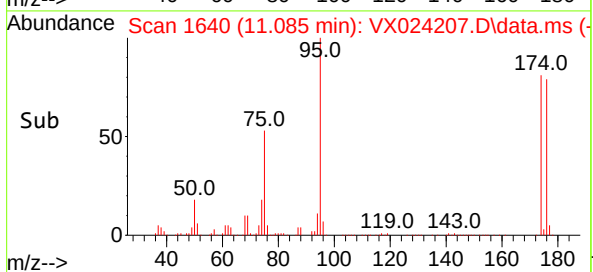
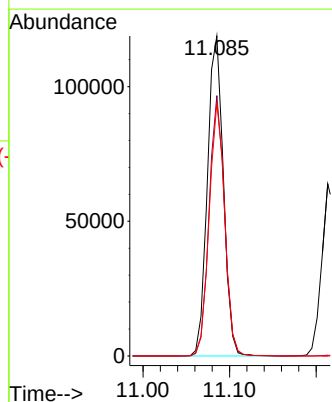
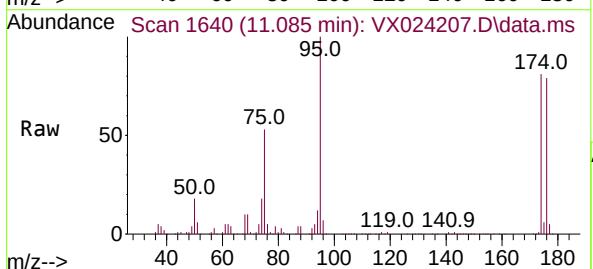
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

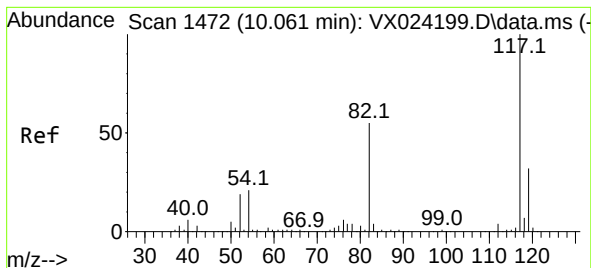
Tgt Ion:107 Resp: 74606
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.352 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 95 Resp: 151727
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 77.1 0.0 155.8

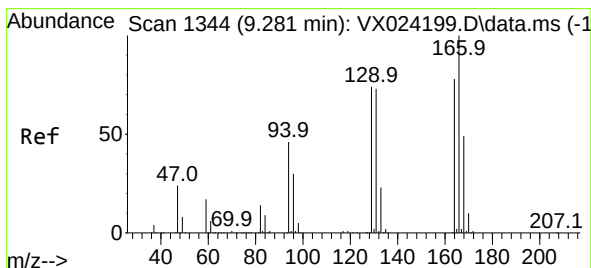
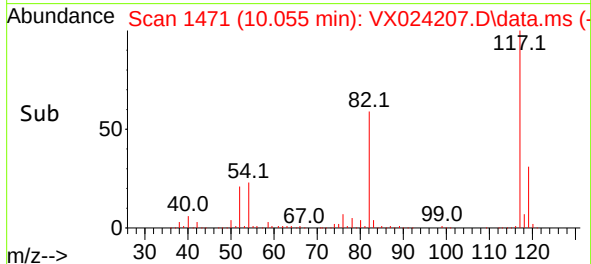
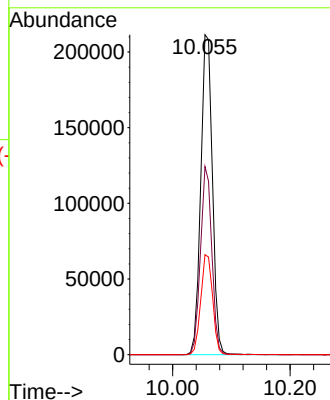
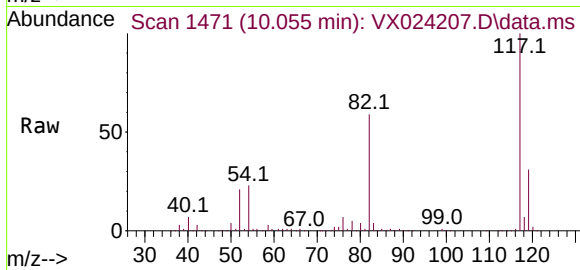




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

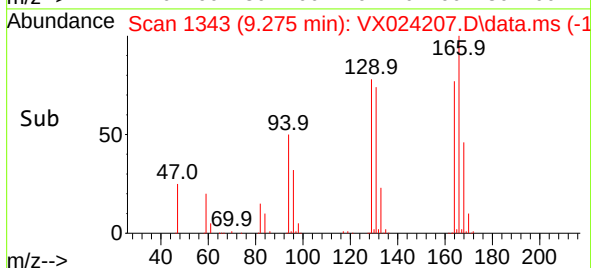
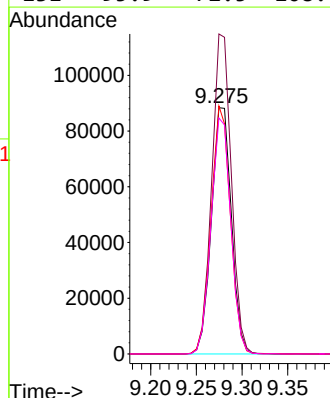
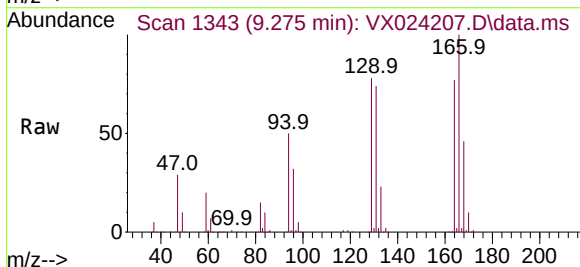
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

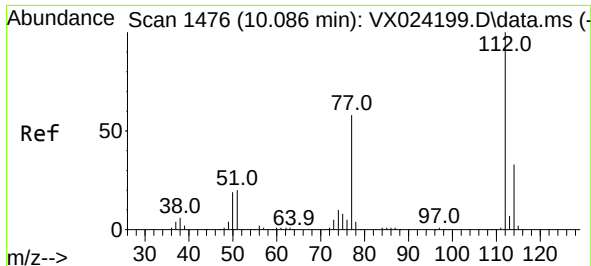
Tgt Ion:117 Resp: 291156
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.2 26.6 39.8



#64
Tetrachloroethene
Concen: 59.158 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:164 Resp: 133434
Ion Ratio Lower Upper
164 100
166 130.0 103.4 155.2
129 100.8 70.8 106.2
131 95.9 72.5 108.7

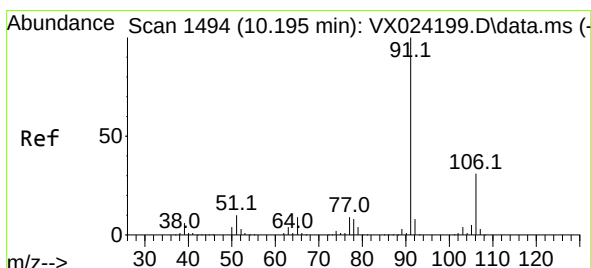
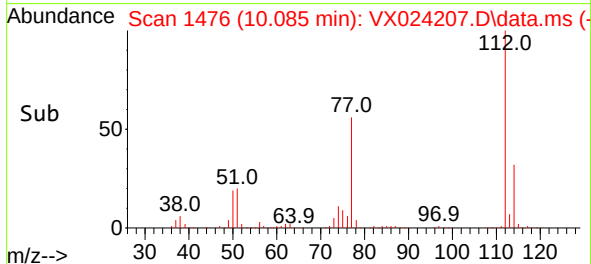
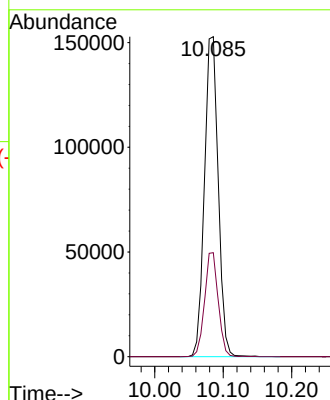
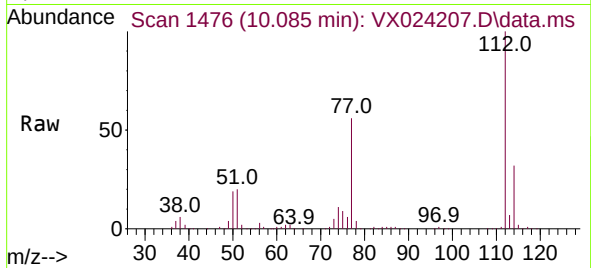




#65
Chlorobenzene
Concen: 35.743 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

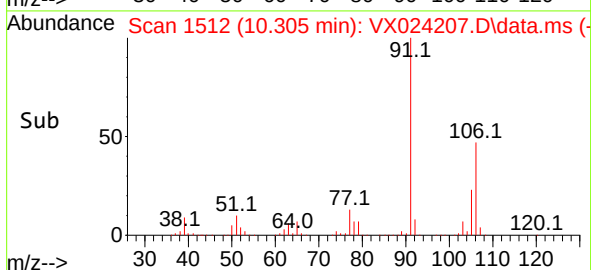
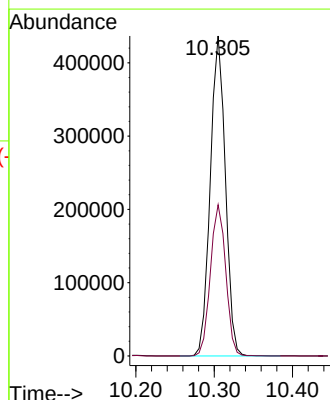
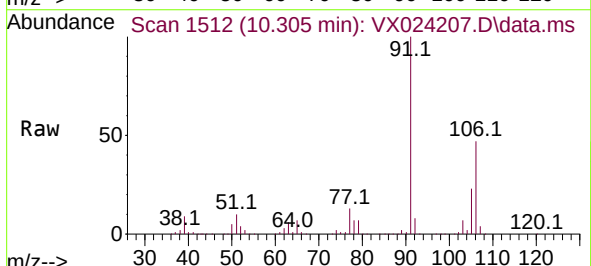
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

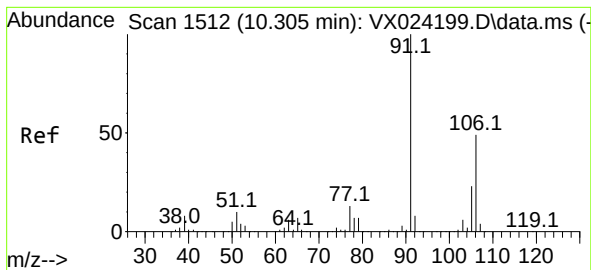
Tgt Ion:112 Resp: 214100
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 55.688 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.110 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 91 Resp: 583520
Ion Ratio Lower Upper
91 100
106 47.3 24.6 37.0#

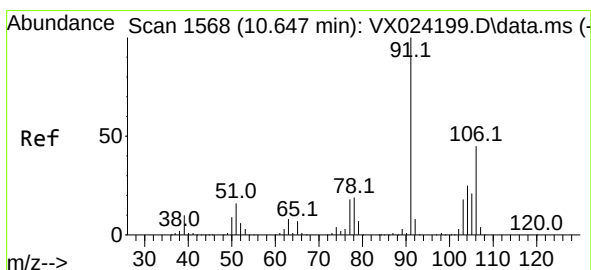
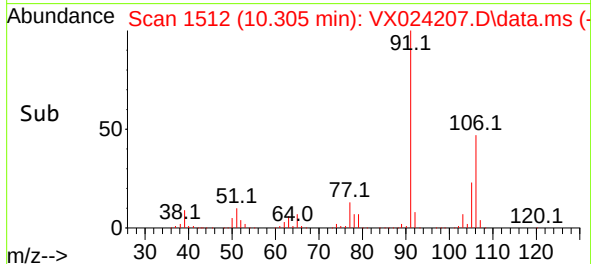
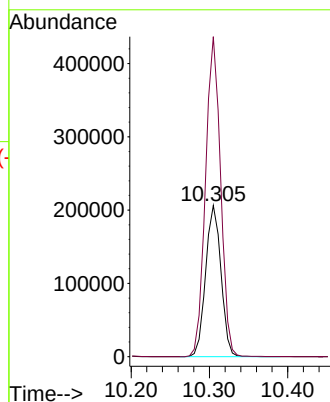
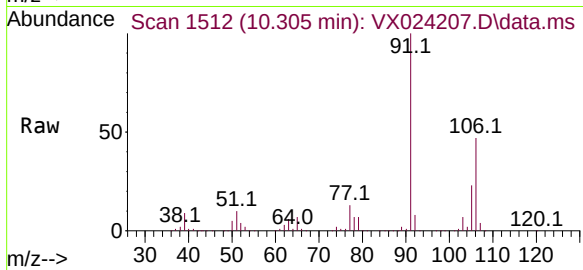




#68
m/p-Xylenes
Concen: 69.802 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

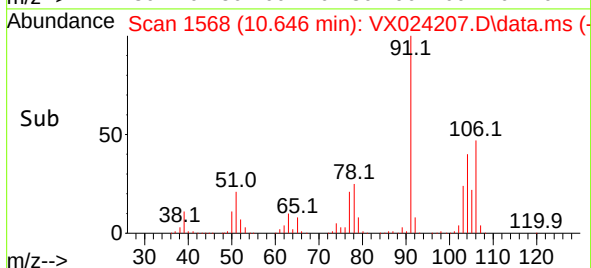
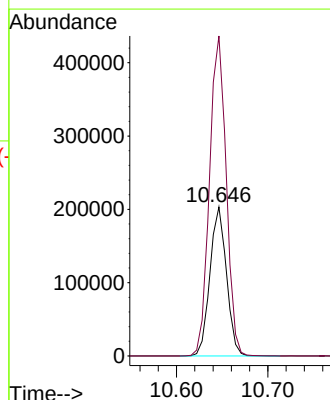
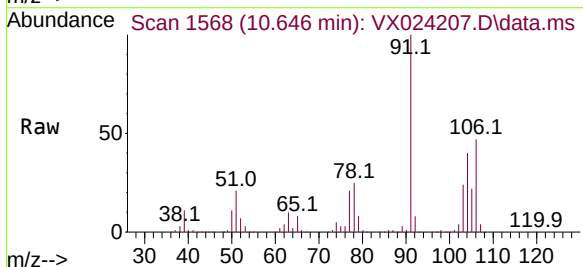
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

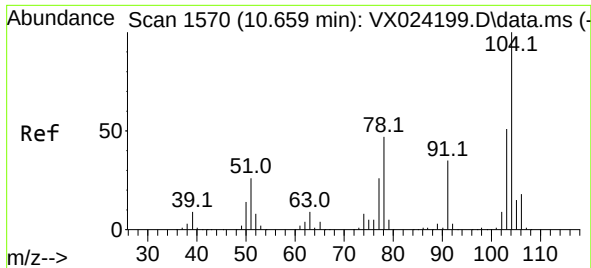
Tgt Ion:106 Resp: 280020
Ion Ratio Lower Upper
106 100
91 208.4 162.8 244.2



#69
o-Xylene
Concen: 63.742 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:106 Resp: 255256
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.2

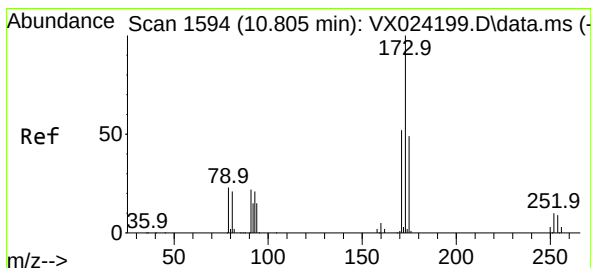
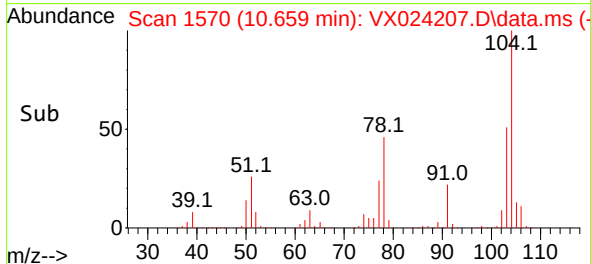
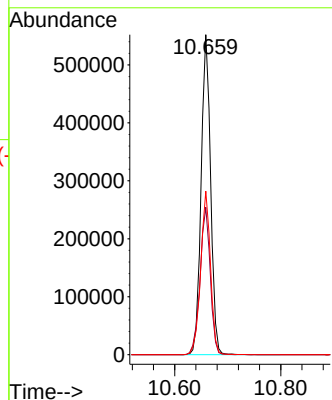
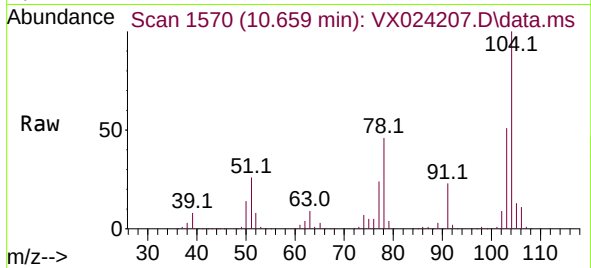




#70
Styrene
Concen: 105.855 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

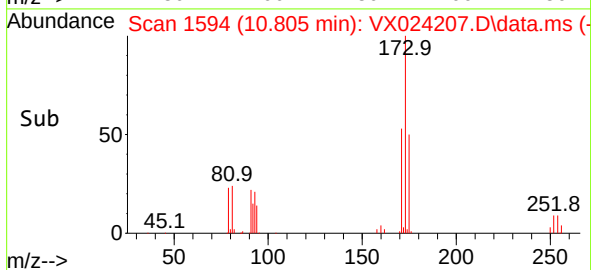
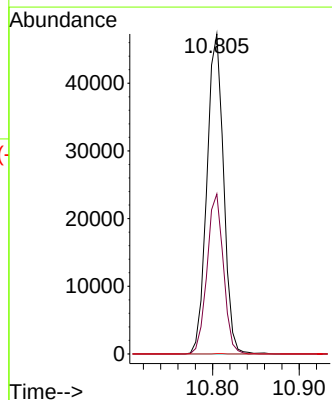
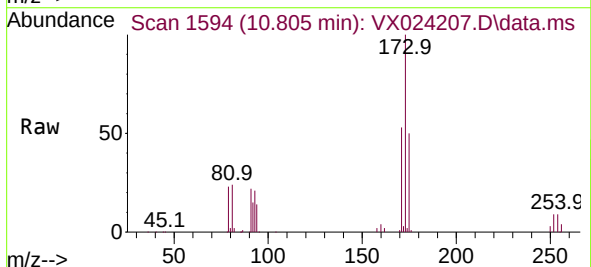
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

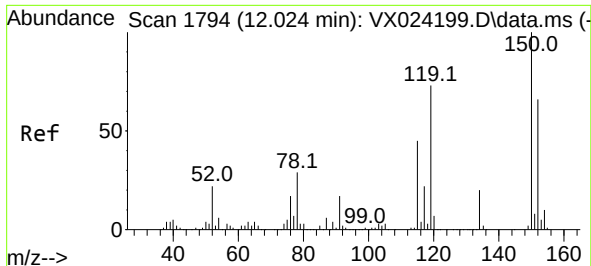
Tgt Ion:104 Resp: 687659
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 53.0 43.4 65.0



#71
Bromoform
Concen: 34.450 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:173 Resp: 63152
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.1 0.1 0.1#

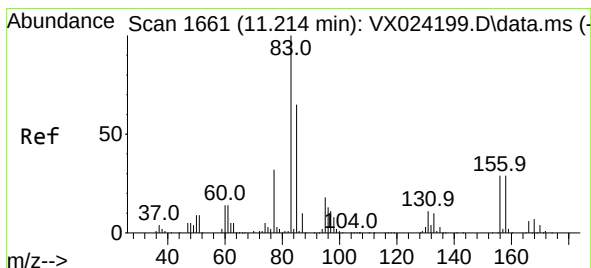
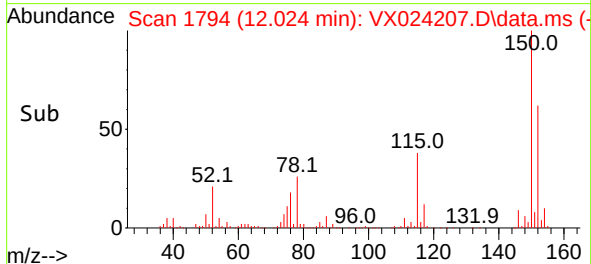
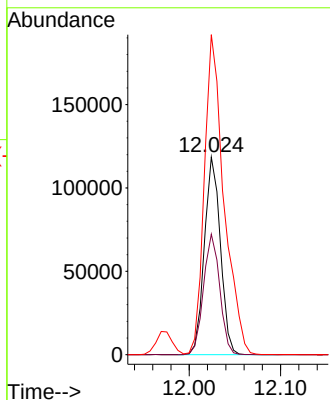
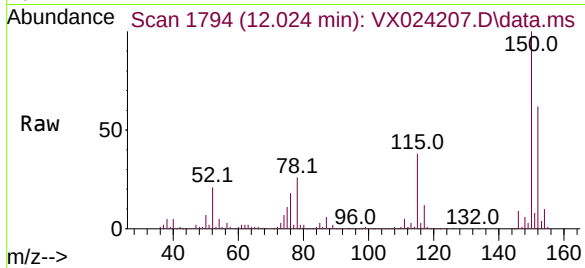




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

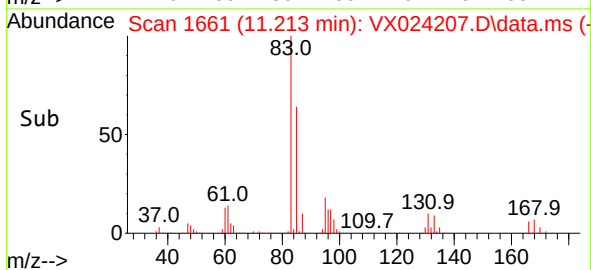
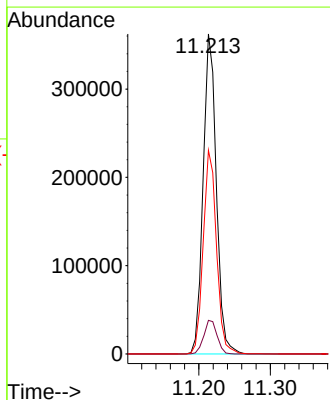
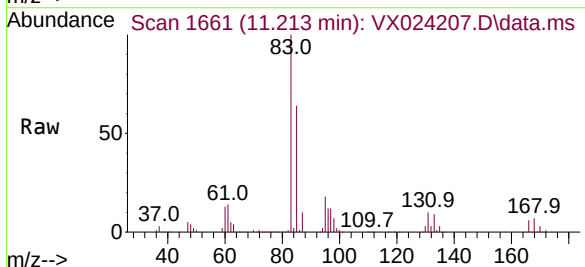
Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WP

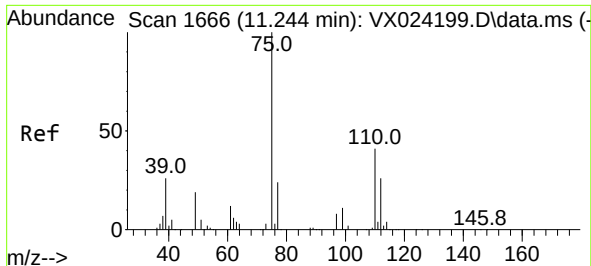
Tgt Ion:152 Resp: 143745
 Ion Ratio Lower Upper
 152 100
 115 61.7 41.1 123.3
 150 199.0 0.0 349.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 134.209 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.001 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

Tgt Ion: 83 Resp: 464769
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.2
 85 64.0 31.8 95.4

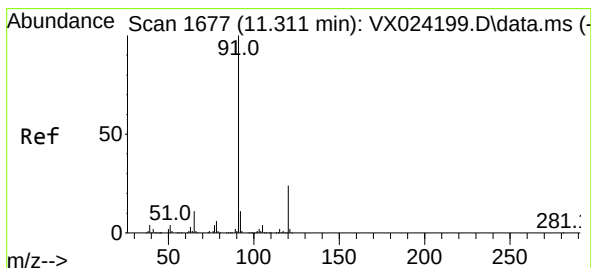
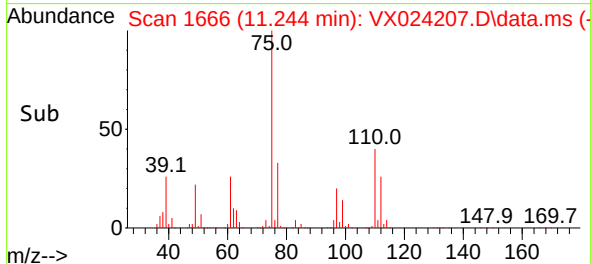
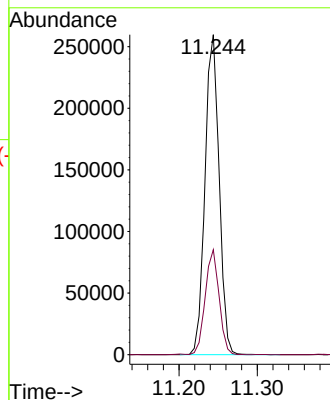
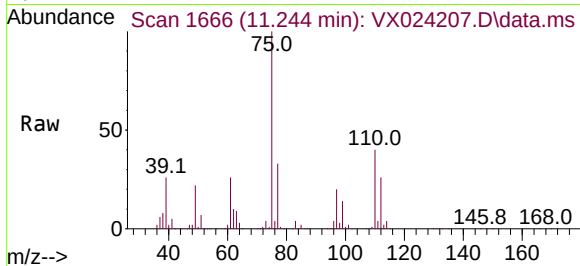




#76
1,2,3-Trichloropropane
Concen: 98.264 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

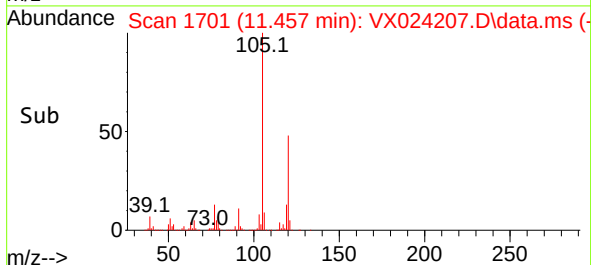
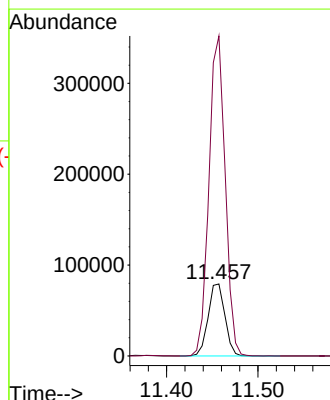
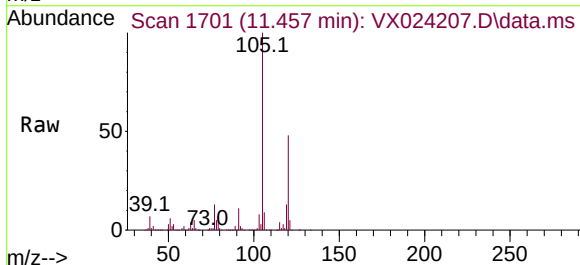
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

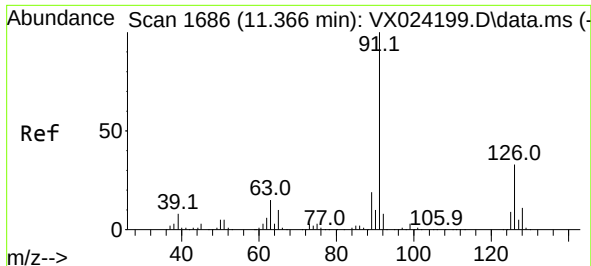
Tgt Ion: 75 Resp: 324791
Ion Ratio Lower Upper
75 100
77 32.3 19.1 57.5



#78
n-propylbenzene
Concen: 8.317 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.146 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 91 Resp: 100571
Ion Ratio Lower Upper
91 100
120 431.7 11.5 34.5#

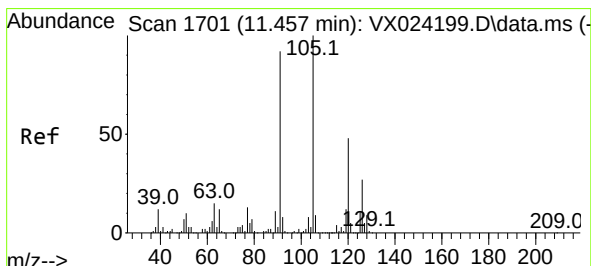
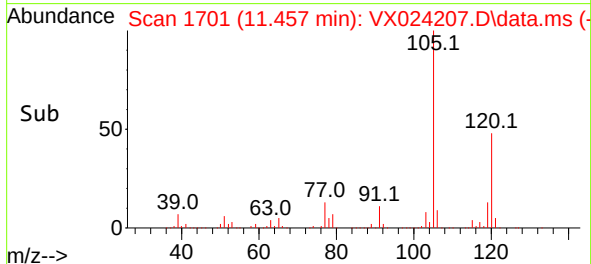
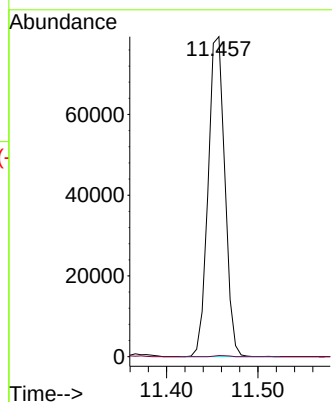
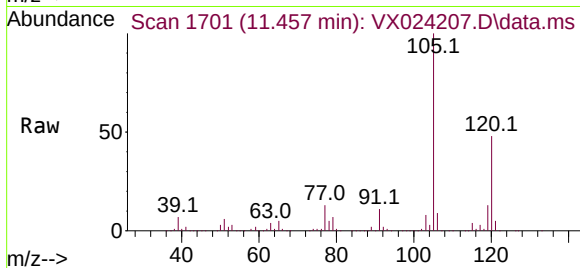




#79
2-Chlorotoluene
Concen: 13.389 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.091 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

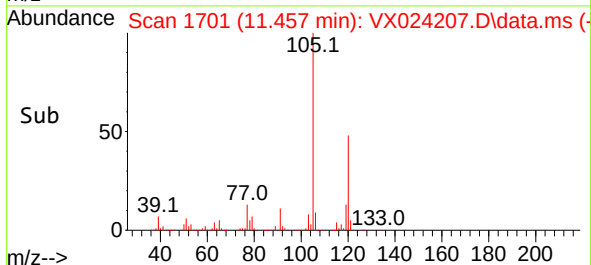
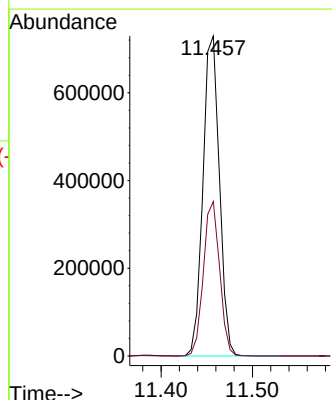
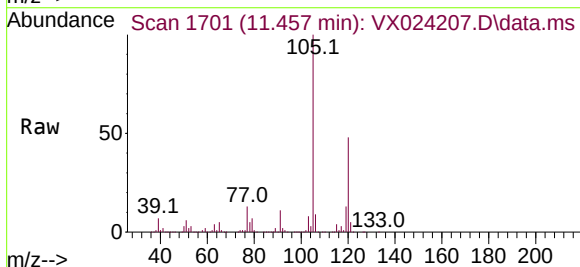
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

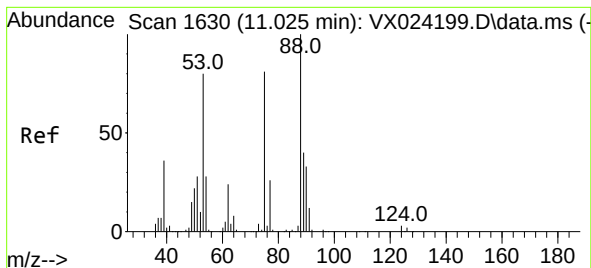
Tgt Ion: 91 Resp: 100571
Ion Ratio Lower Upper
91 100
126 0.3 16.6 49.8#



#80
1,3,5-Trimethylbenzene
Concen: 100.891 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:105 Resp: 910335
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

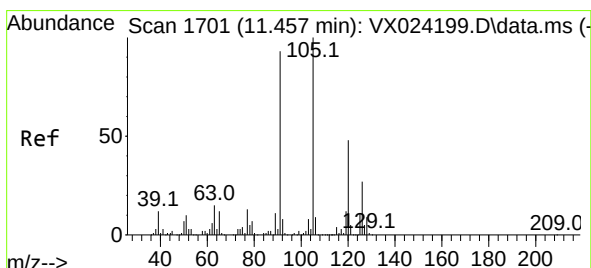
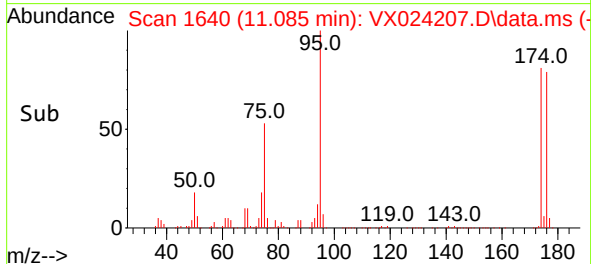
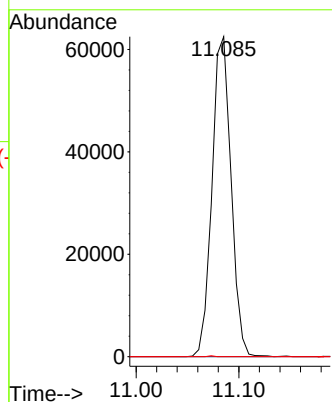
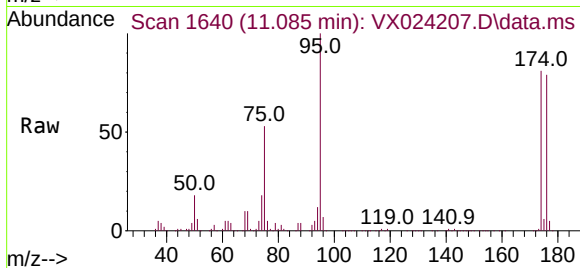




#81
trans-1,4-Dichloro-2-butene
Concen: 71.758 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

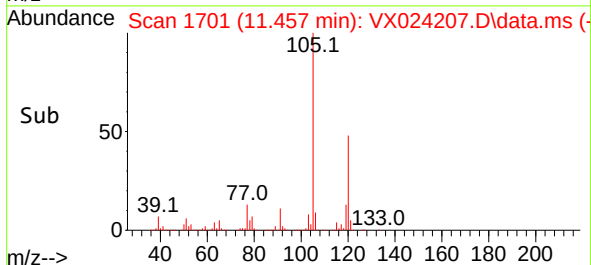
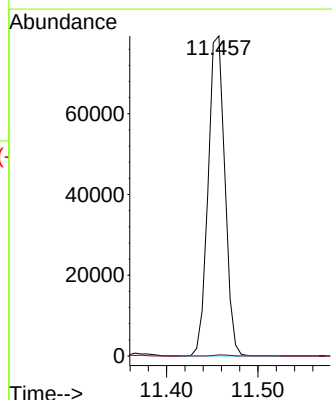
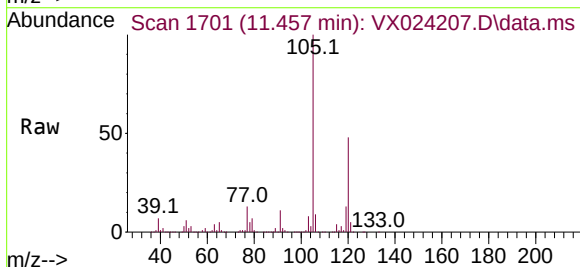
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

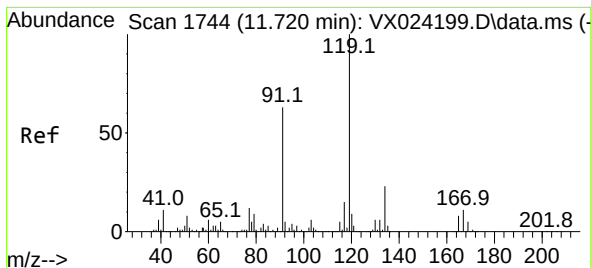
Tgt Ion: 75 Resp: 80646
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#82
4-Chlorotoluene
Concen: 11.768 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 91 Resp: 100571
Ion Ratio Lower Upper
91 100
126 0.3 14.9 44.5#

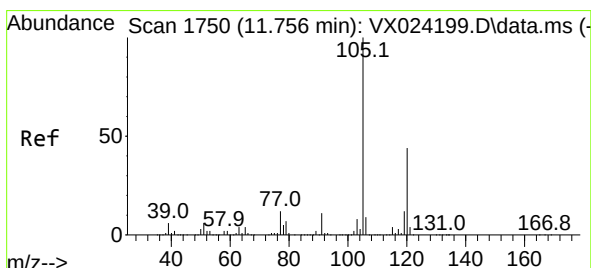
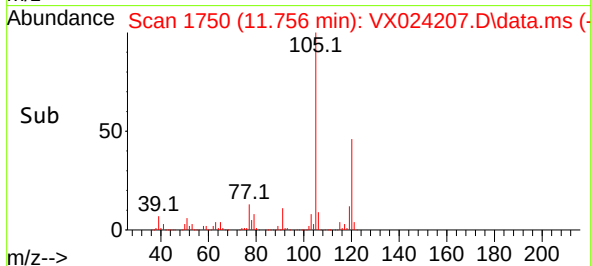
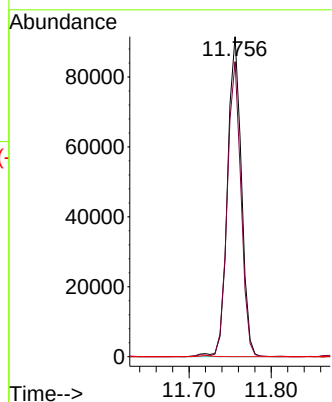
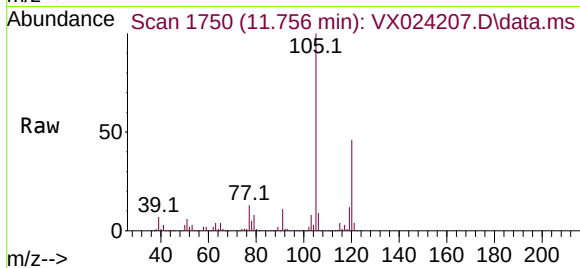




#83
tert-Butylbenzene
Concen: 12.276 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.036 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

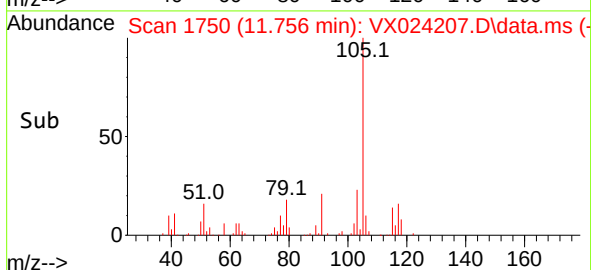
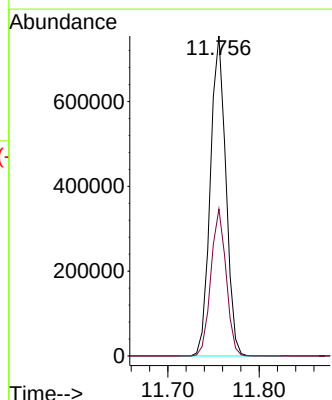
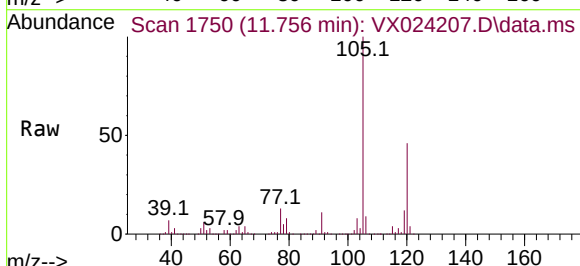
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

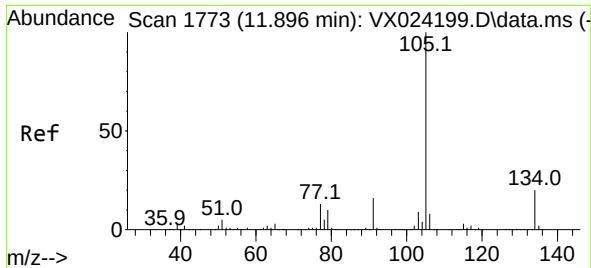
Tgt Ion:119 Resp: 106912
Ion Ratio Lower Upper
119 100
91 91.7 27.9 83.7#
134 0.0 11.3 33.9#



#84
1,2,4-Trimethylbenzene
Concen: 99.783 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:105 Resp: 885659
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

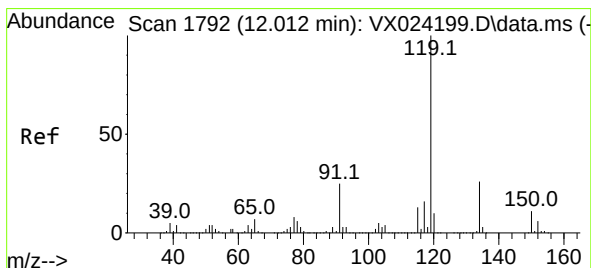
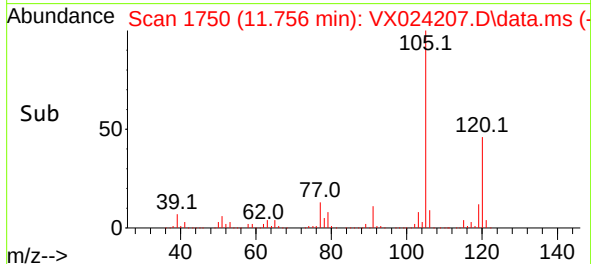
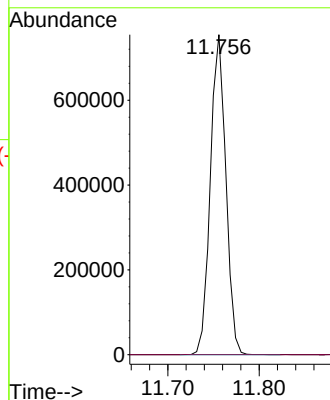
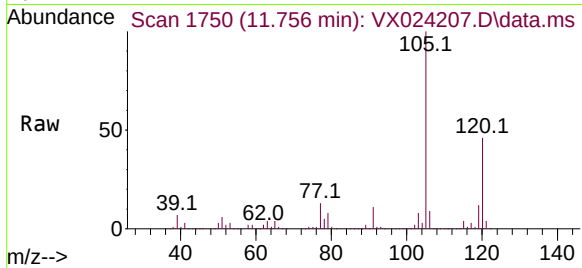




#85
 sec-Butylbenzene
 Concen: 81.169 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

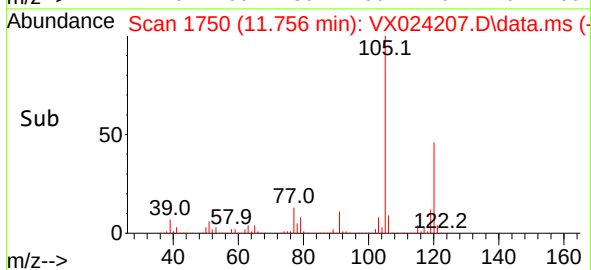
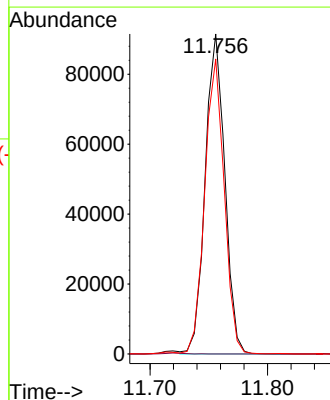
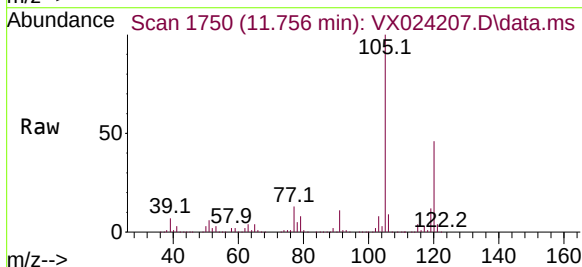
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

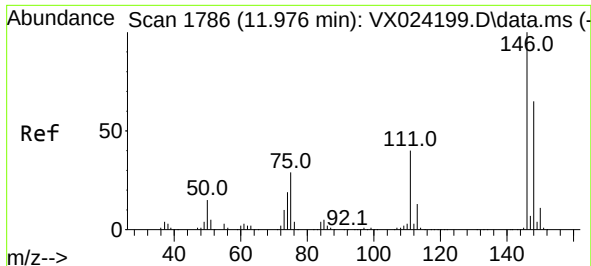
Tgt Ion:105 Resp: 885659
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 11.571 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.256 min
 Lab File: VX024207.D
 Acq: 14 Sep 2021 15:07

Tgt Ion:119 Resp: 105981
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.9 38.7#
 91 91.7 11.7 35.0#

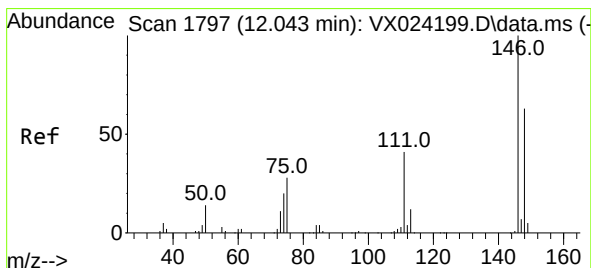
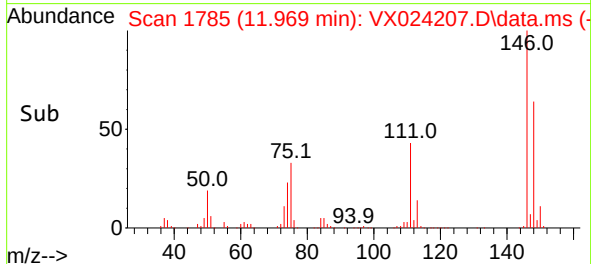
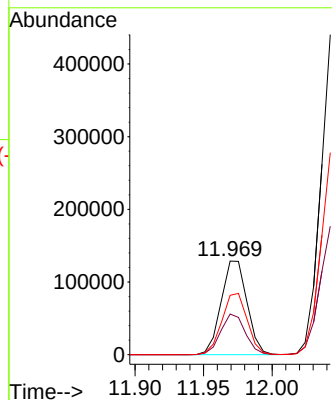
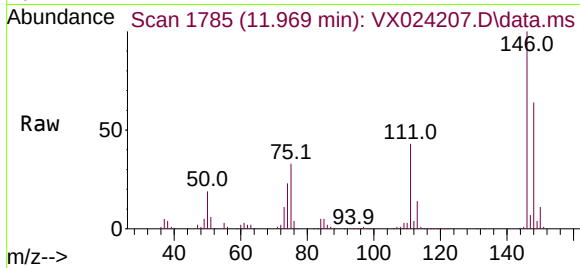




#87
1,3-Dichlorobenzene
Concen: 35.293 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

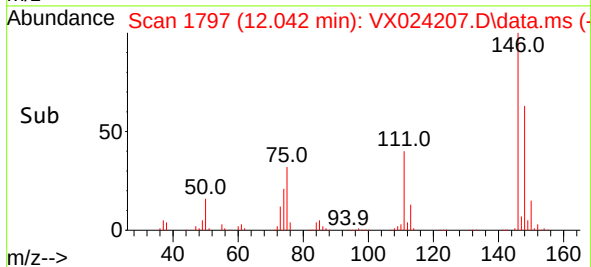
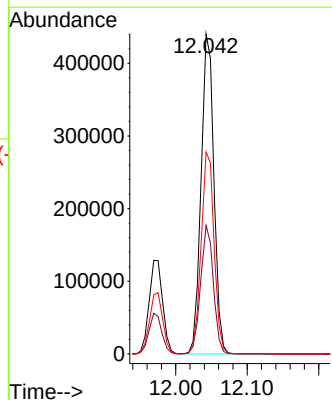
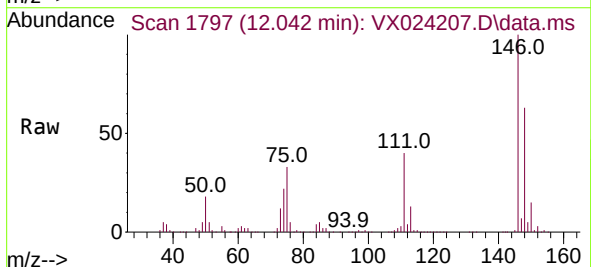
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

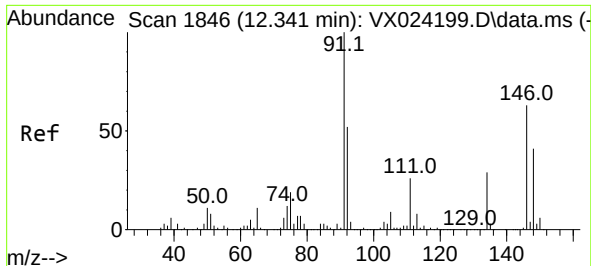
Tgt Ion:146 Resp: 170069
Ion Ratio Lower Upper
146 100
111 41.3 20.2 60.5
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 111.323 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:146 Resp: 547567
Ion Ratio Lower Upper
146 100
111 40.0 19.6 58.8
148 64.0 31.6 95.0

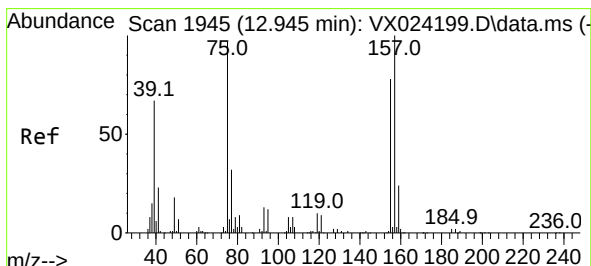
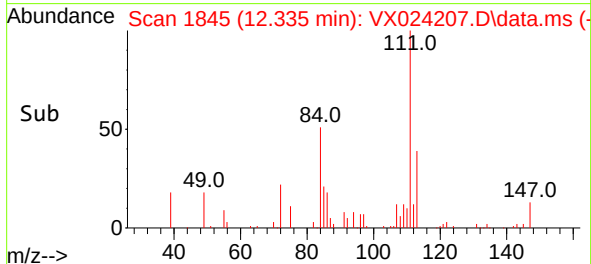
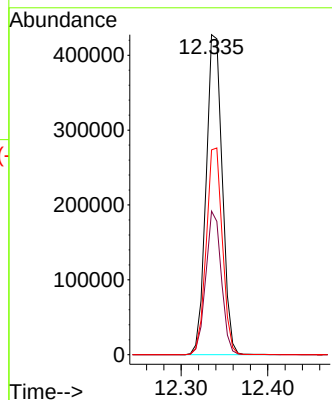
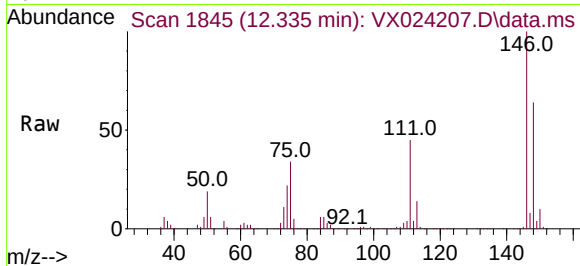




#91
1,2-Dichlorobenzene
Concen: 117.159 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

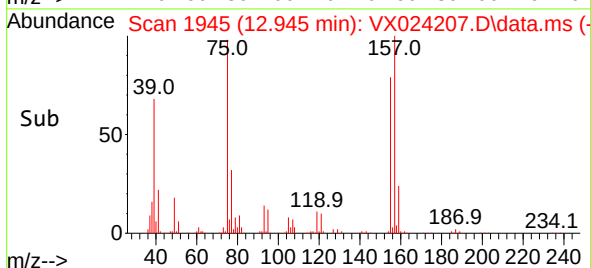
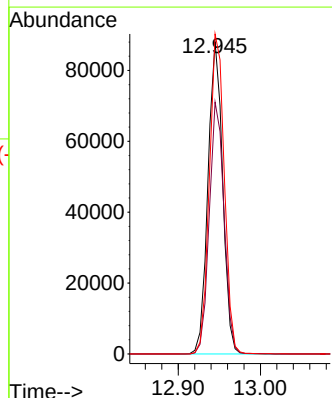
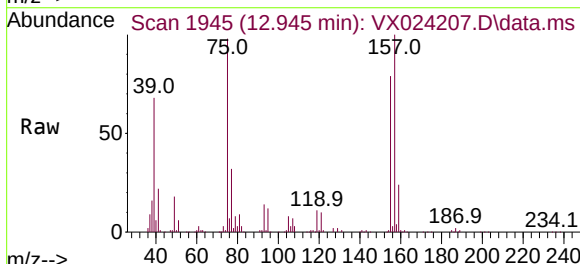
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

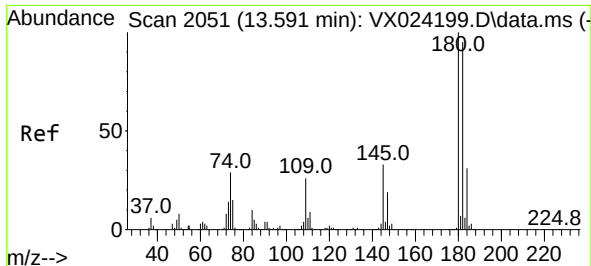
Tgt Ion:146 Resp: 553875
Ion Ratio Lower Upper
146 100
111 43.2 20.8 62.2
148 64.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 137.332 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion: 75 Resp: 109109
Ion Ratio Lower Upper
75 100
155 81.2 45.3 135.9
157 104.3 57.7 173.1

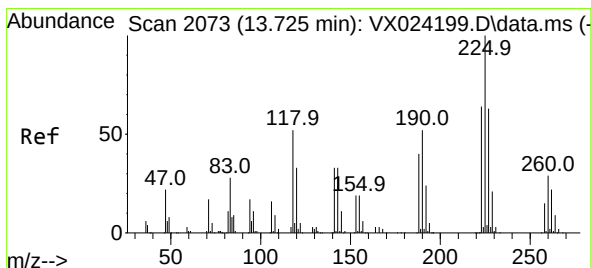
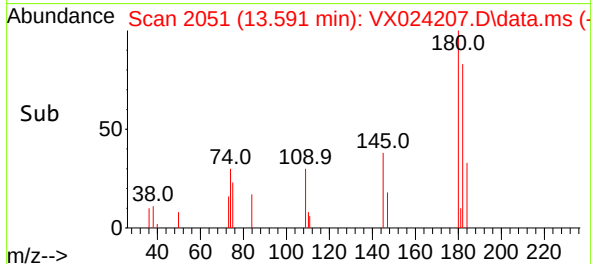
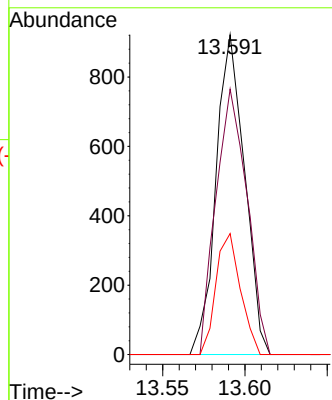
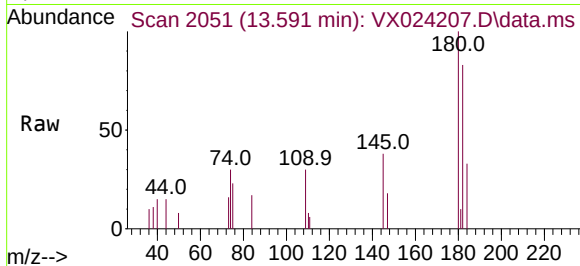




#93
1,2,4-Trichlorobenzene
Concen: 0.400 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

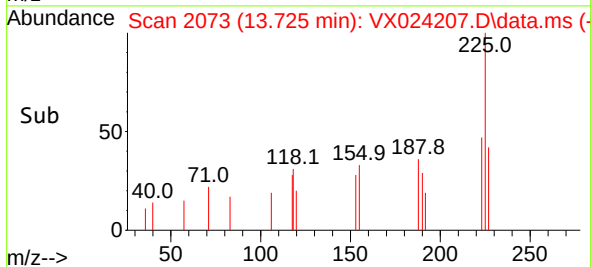
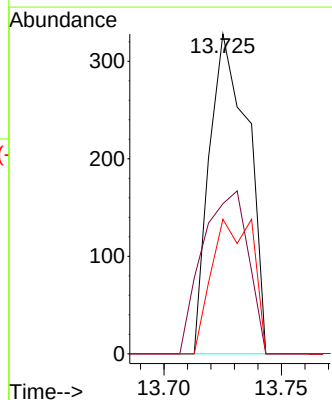
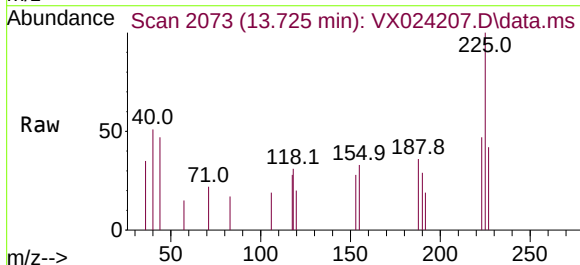
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

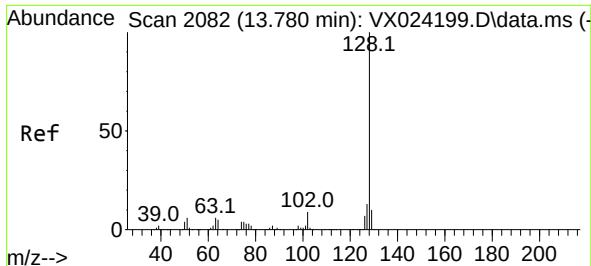
Tgt Ion:	180	Resp:	1113
Ion Ratio	Lower	Upper	
180	100		
182	90.1	47.7	143.1
145	32.5	15.0	45.0



#94
Hexachlorobutadiene
Concen: 0.267 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:	225	Resp:	372
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.1	93.2
227	45.4	31.6	95.0

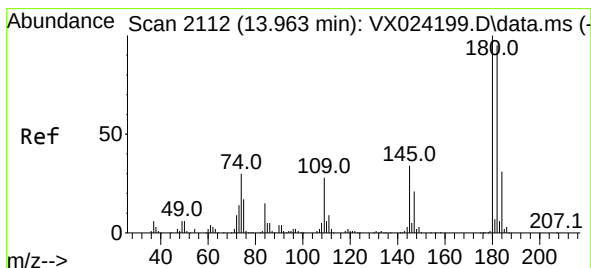
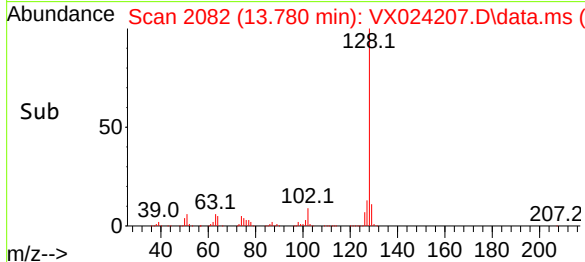
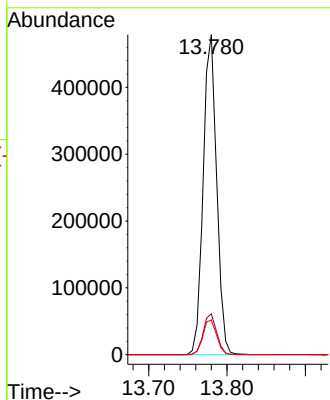
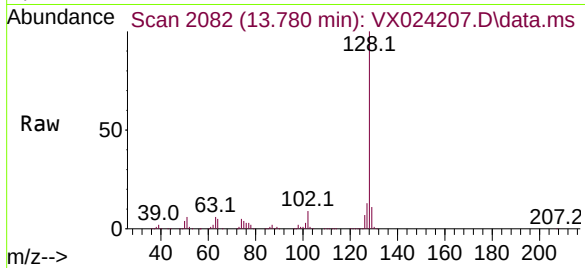




#95
Naphthalene
Concen: 55.360 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tgt Ion:128 Resp: 570165
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.256 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024207.D
Acq: 14 Sep 2021 15:07

Tgt Ion:180 Resp: 719
Ion Ratio Lower Upper
180 100
182 100.8 47.6 142.9
145 27.7 16.1 48.3

