

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024238.D
 Acq On : 15 Sep 2021 04:04
 Operator : JC/MD
 Sample : M3724-12 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33128

Quant Time: Sep 15 07:32:30 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)

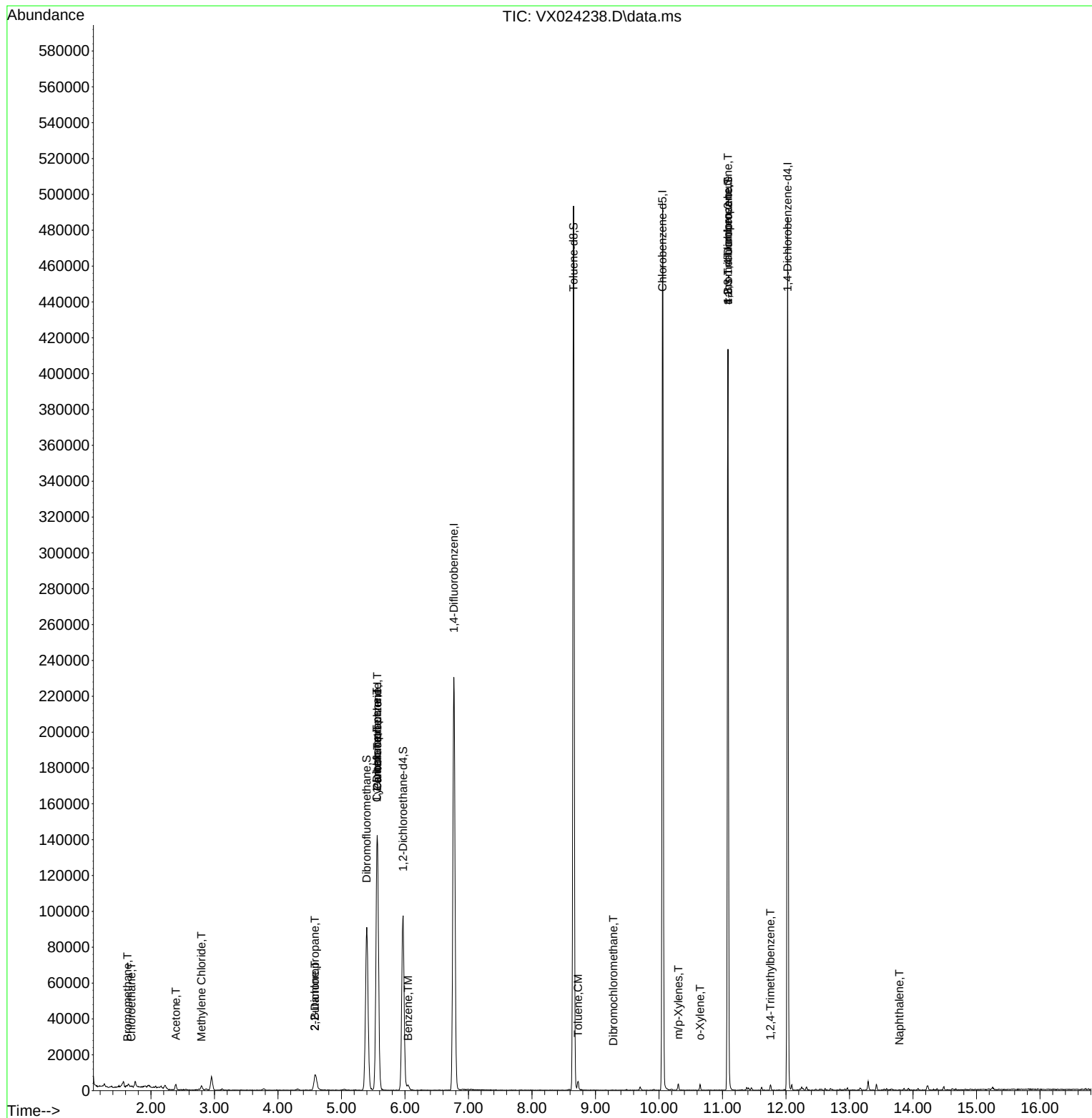
Internal Standards						
1) Pentafluorobenzene	5.562	168	133549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	100523	52.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.580%
35) Dibromofluoromethane	5.397	113	75800	49.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.653	98	282608	50.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	11.085	95	103331	47.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	386	0.486	ug/l #	63
6) Chloroethane	1.691	64	169	2.151	ug/l #	43
11) Tert butyl alcohol	2.953	59	4282	Below Cal	#	77
16) Acetone	2.392	43	3672	4.522	ug/l #	83
20) Methylene Chloride	2.794	84	982	0.630	ug/l #	82
25) 2-Butanone	4.581	43	2909	2.432	ug/l #	81
26) 2,2-Dichloropropane	4.581	77	570	0.252	ug/l #	52
31) Cyclohexane	5.556	56	2973	1.335	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	10791	5.114	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13685	5.762	ug/l #	18
40) Benzene	6.050	78	3032	0.501	ug/l	95
52) Toluene	8.726	92	1691	0.426	ug/l	91
60) Dibromochloromethane	9.281	129	41	1.747	ug/l #	11
68) m/p-Xylenes	10.305	106	858	0.285	ug/l	91
69) o-Xylene	10.647	106	622	0.207	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	55552	25.451	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55552	74.851	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	1469	0.251	ug/l	99
95) Naphthalene	13.786	128	233	1.321	ug/l #	69

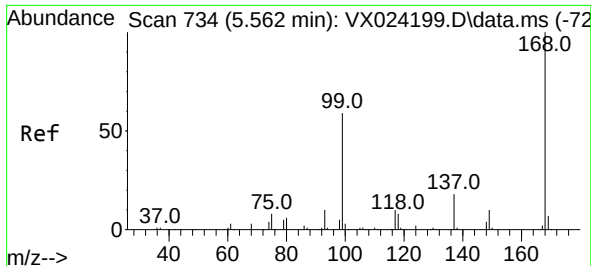
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
33128

Quant Time: Sep 15 07:32:30 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

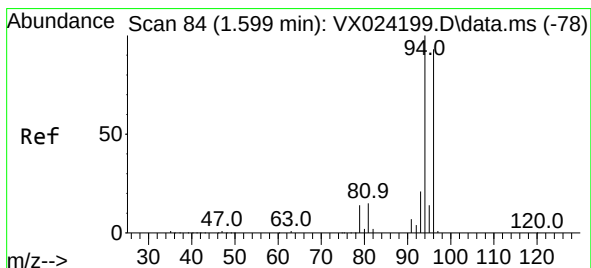
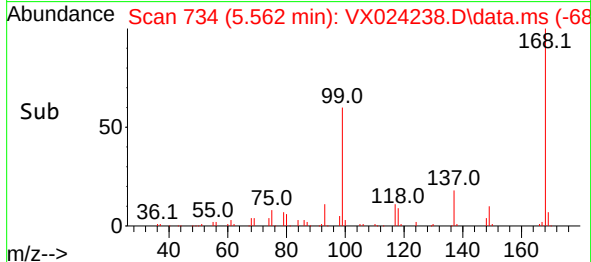
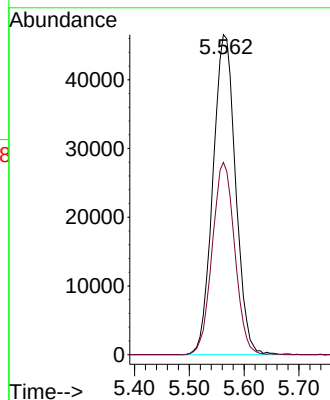
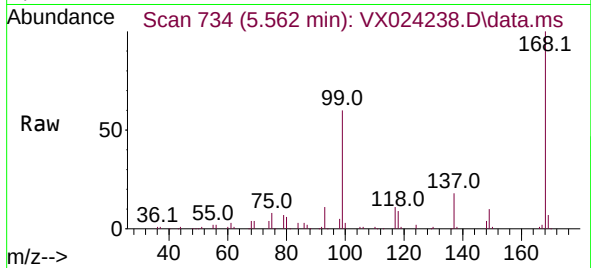




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

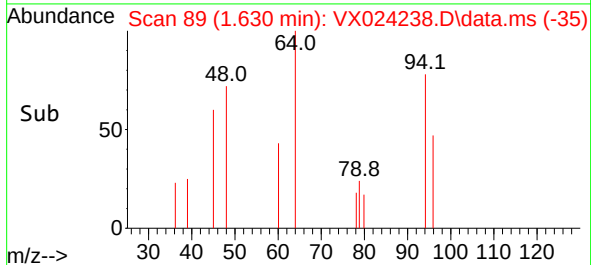
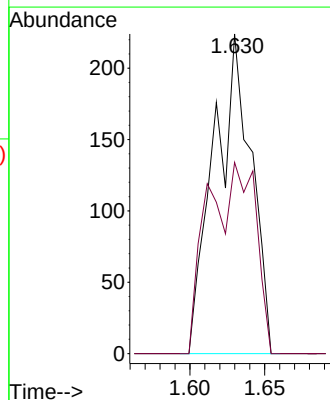
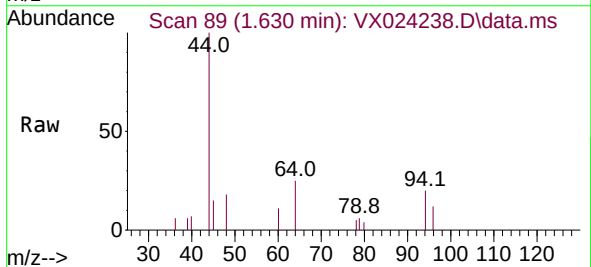
Instrument :
MSVOA_X
ClientSampled :
33128

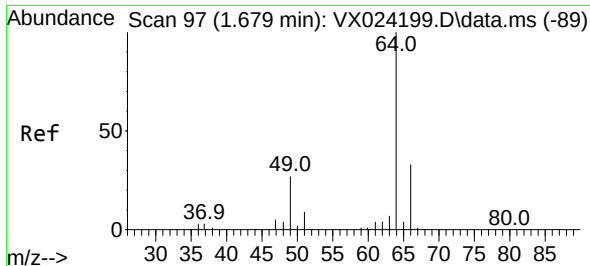
Tgt Ion:168 Resp: 133549
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#5
Bromomethane
Concen: 0.486 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 59.8 76.4 114.6#

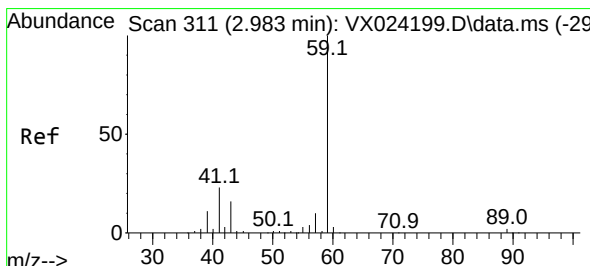
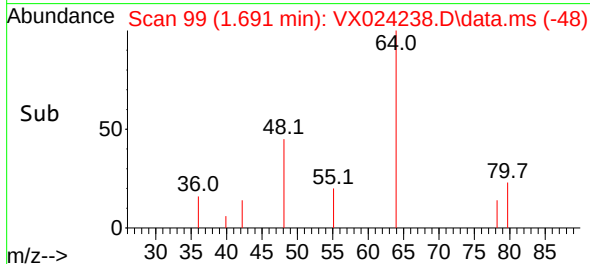
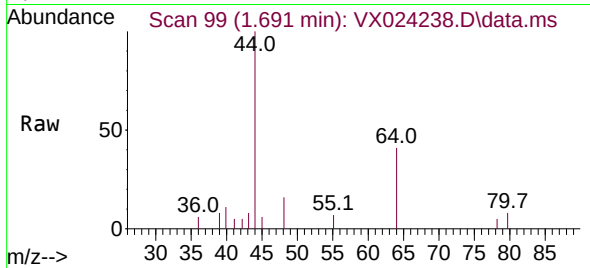




#6
Chloroethane
Concen: 2.151 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

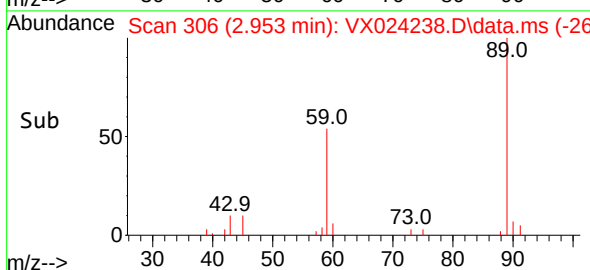
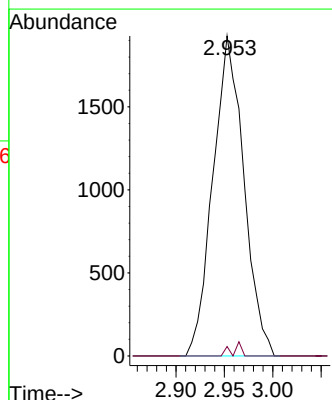
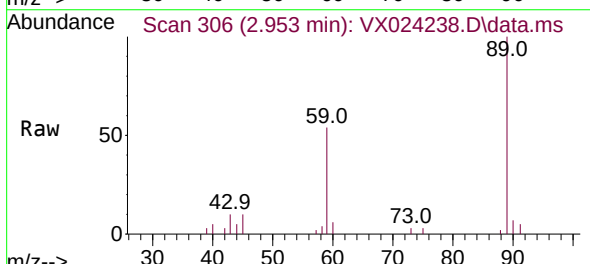
Instrument :
MSVOA_X
ClientSampled :
33128

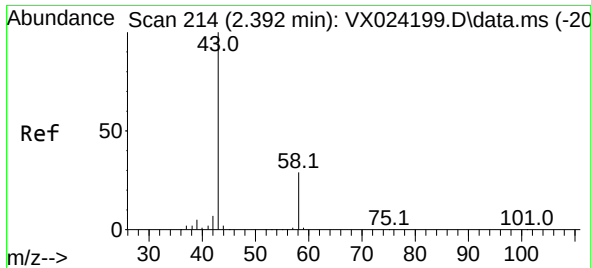
Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 59 Resp: 4282
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

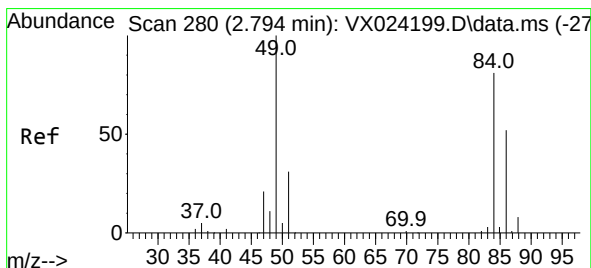
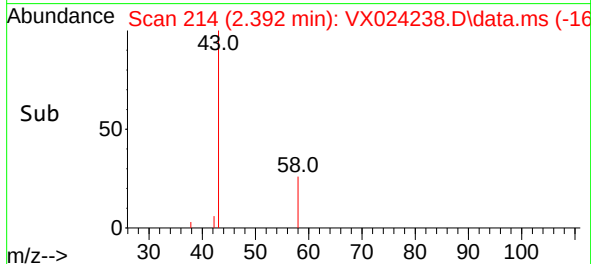
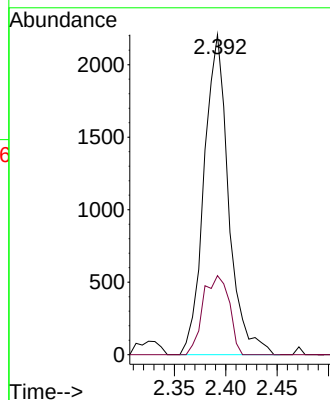
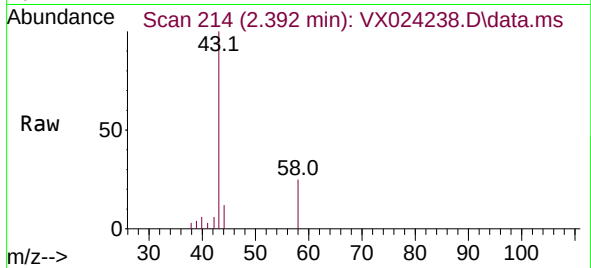




#16
Acetone
Concen: 4.522 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

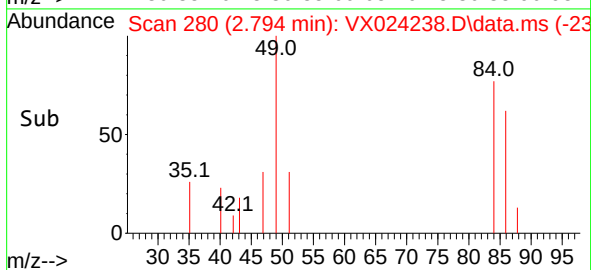
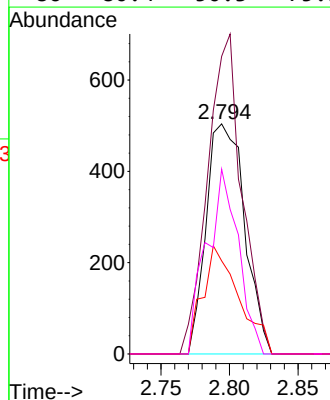
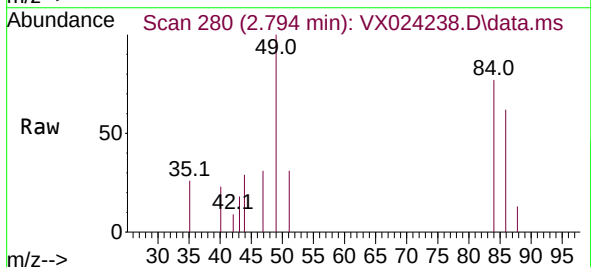
Instrument :
MSVOA_X
ClientSampled :
33128

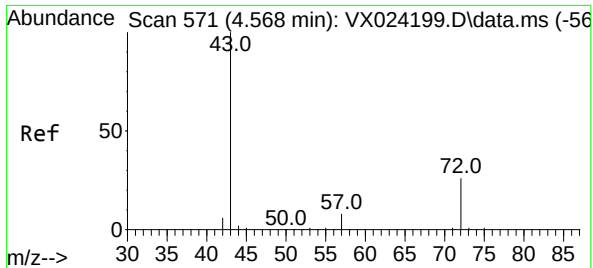
Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.630 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 84 Resp: 982
Ion Ratio Lower Upper
84 100
49 129.4 88.6 132.8
51 40.5 27.0 40.6
86 80.4 50.3 75.5#

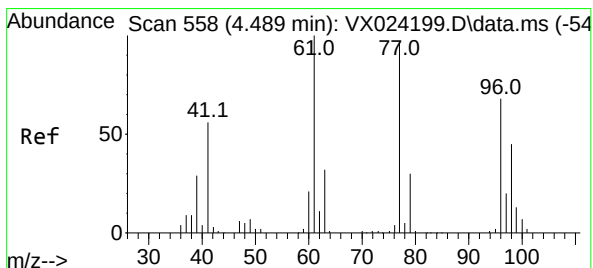
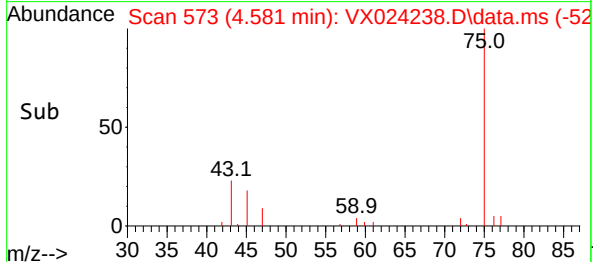
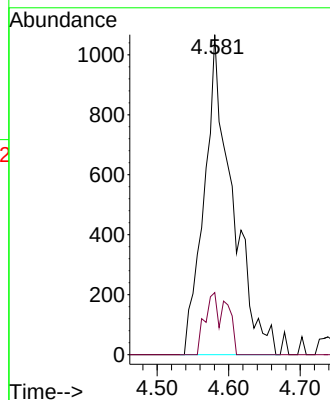
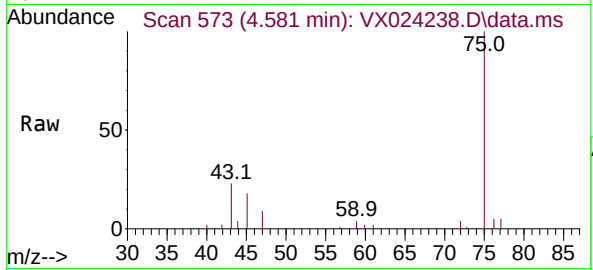




#25
2-Butanone
Concen: 2.432 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

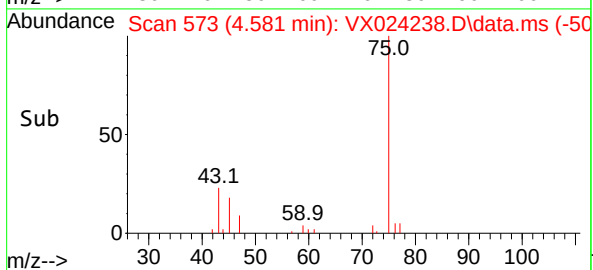
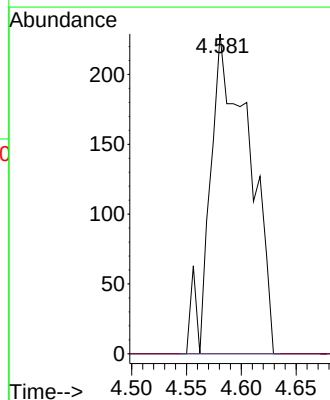
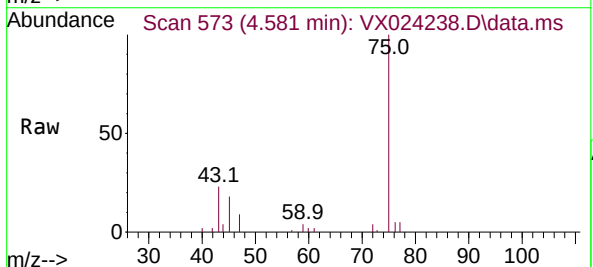
Instrument :
MSVOA_X
ClientSampled :
33128

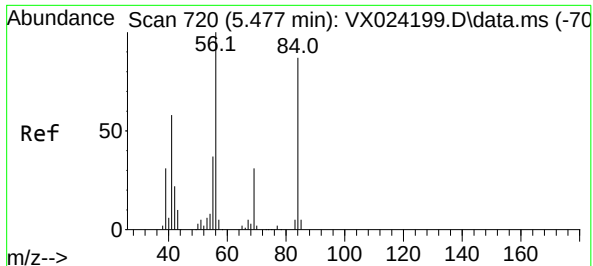
Tgt Ion: 43 Resp: 2909
Ion Ratio Lower Upper
43 100
72 19.4 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.252 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.092 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 77 Resp: 570
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#

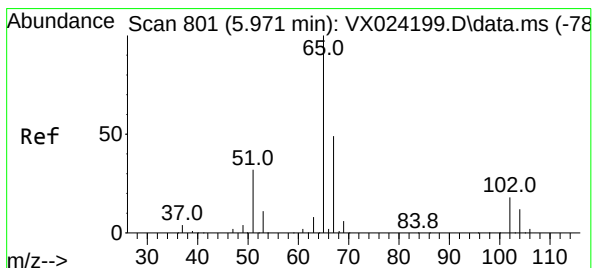
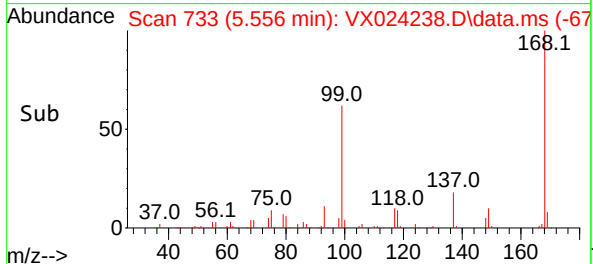
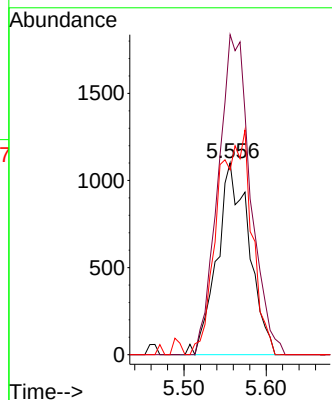
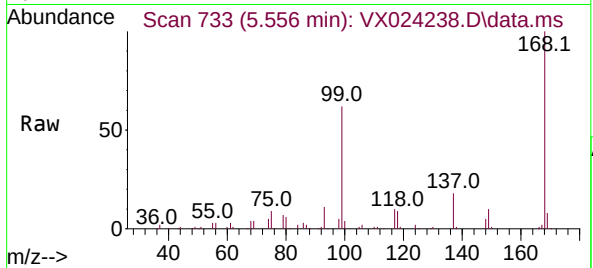




#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

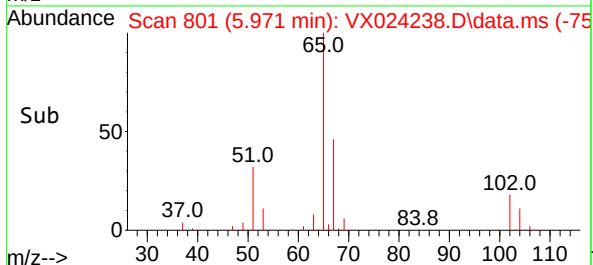
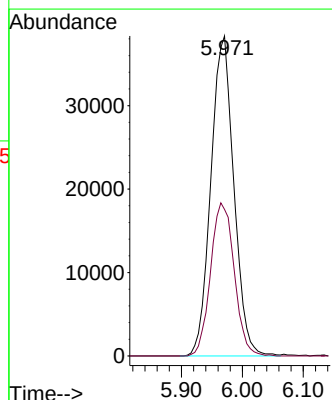
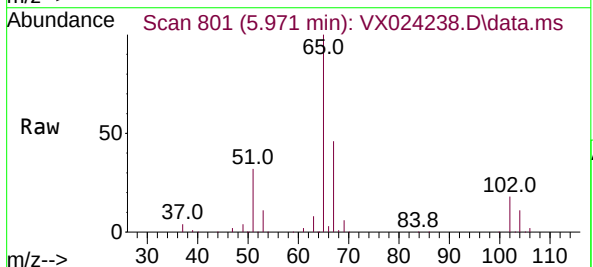
Instrument :
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ClientSampleId :
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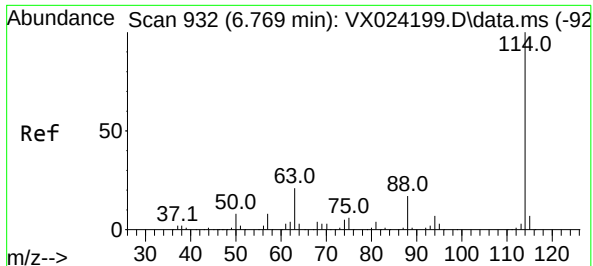
Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 166.8 25.3 37.9#
84 96.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.786 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 65 Resp: 100523
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

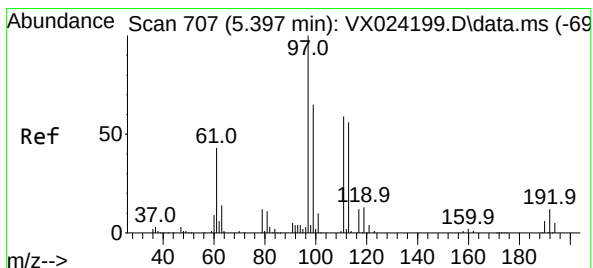
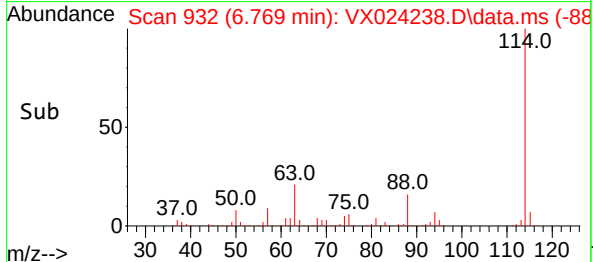
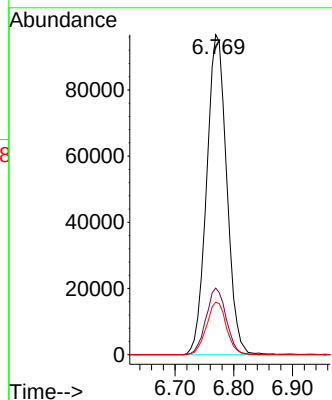
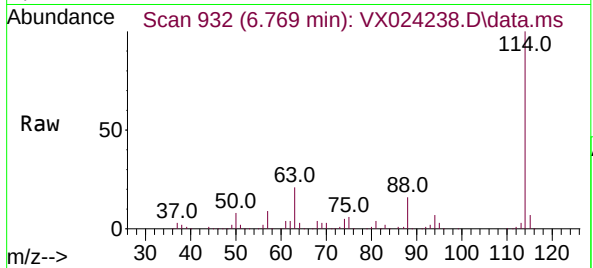




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

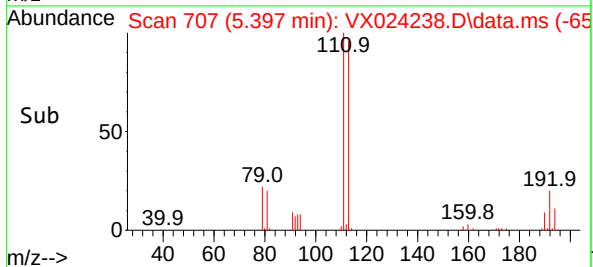
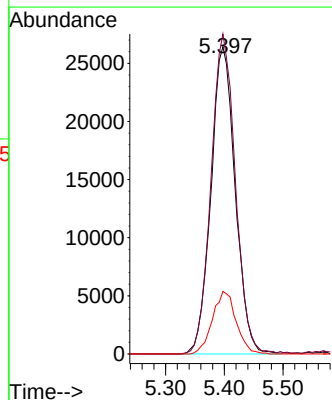
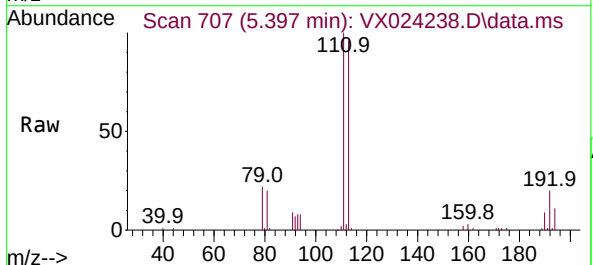
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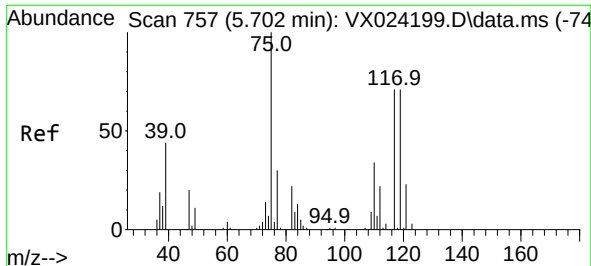
Tgt Ion:114 Resp: 229511
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.246 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion:113 Resp: 75800
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 19.9 16.7 25.1

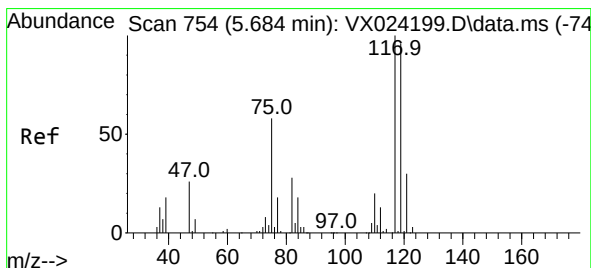
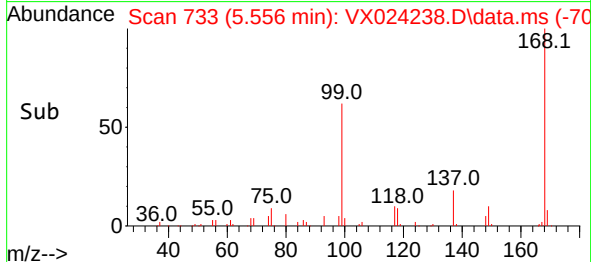
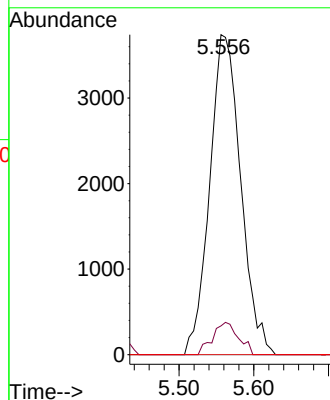
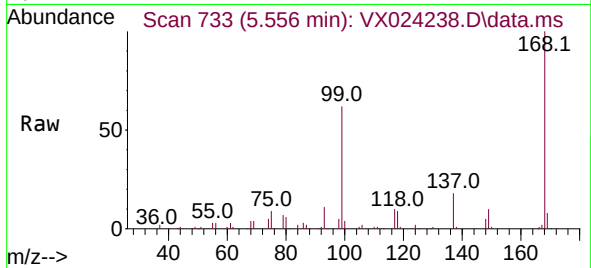




#36
1,1-Dichloropropene
Concen: 5.114 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

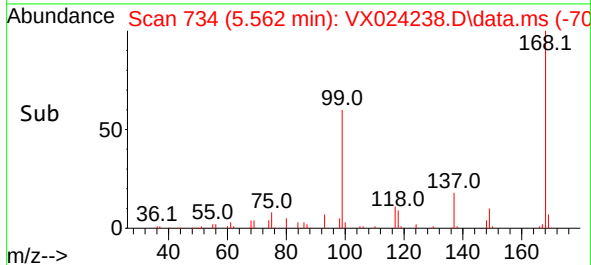
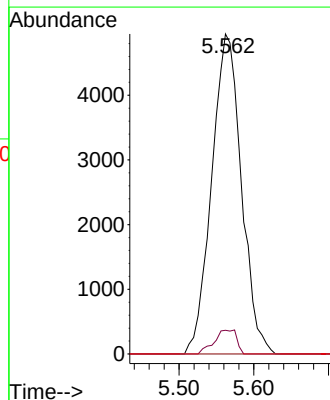
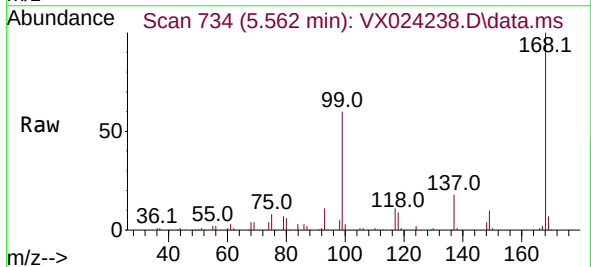
Instrument :
MSVOA_X
ClientSampleId :
33128

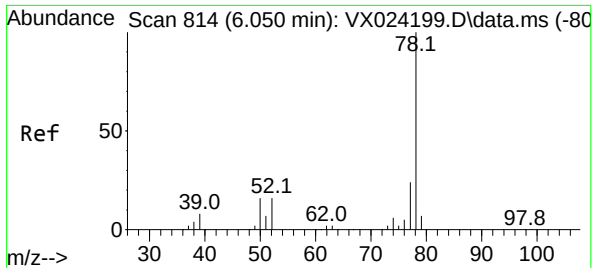
Tgt Ion: 75 Resp: 10791
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 117 Resp: 13685
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 24.8 37.2#

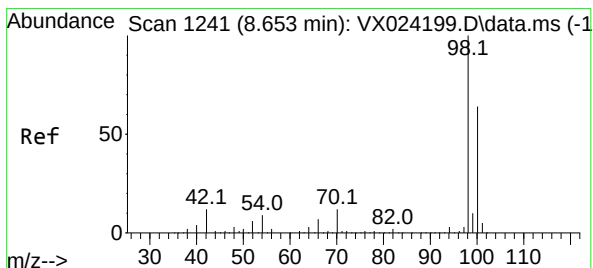
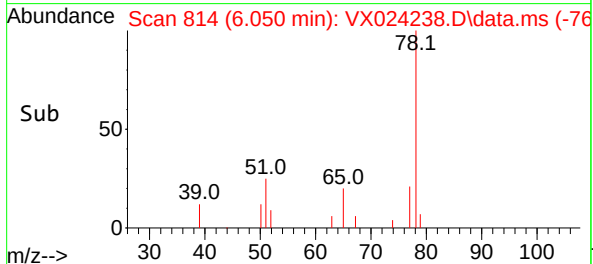
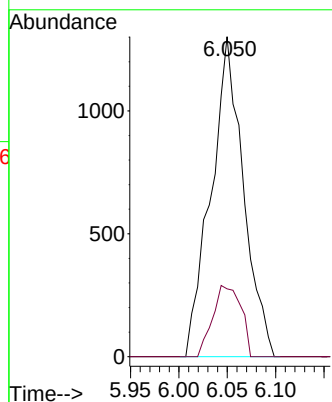
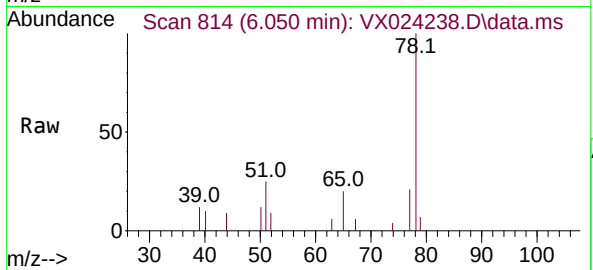




#40
Benzene
Concen: 0.501 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

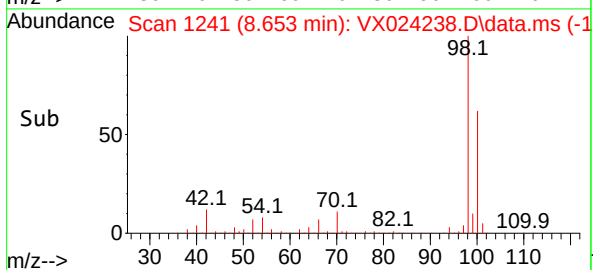
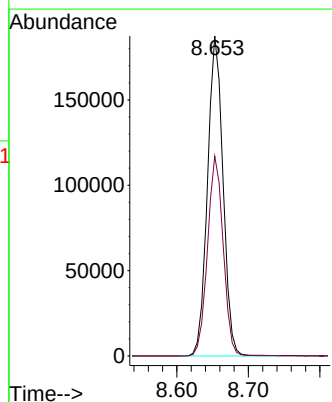
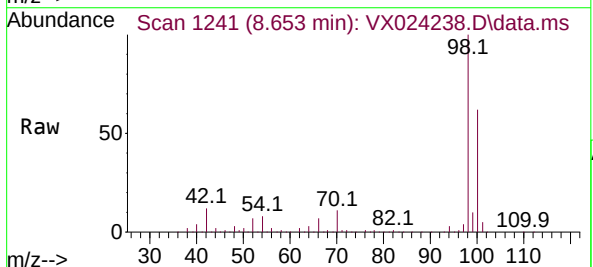
Instrument :
MSVOA_X
ClientSampled :
33128

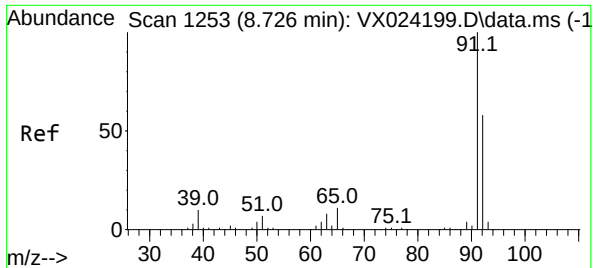
Tgt Ion: 78 Resp: 3032
Ion Ratio Lower Upper
78 100
77 21.2 18.9 28.3



#50
Toluene-d8
Concen: 50.401 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 98 Resp: 282608
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

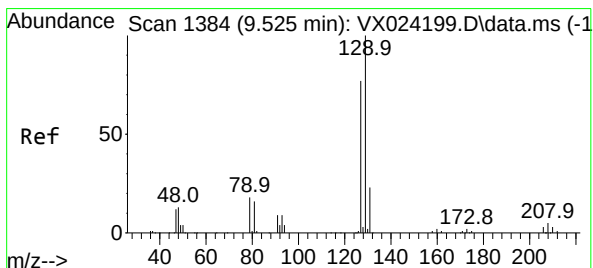
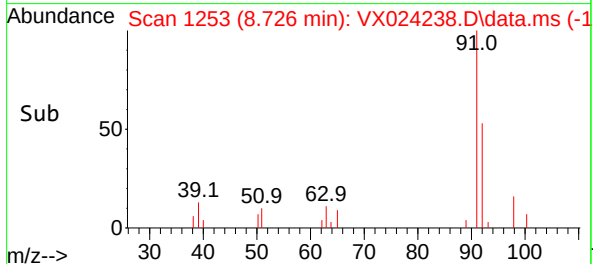
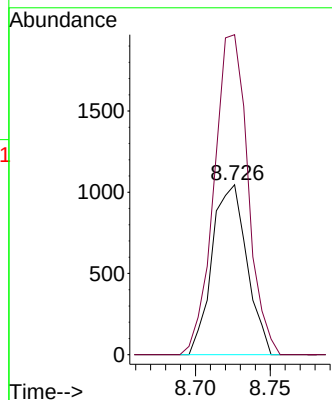
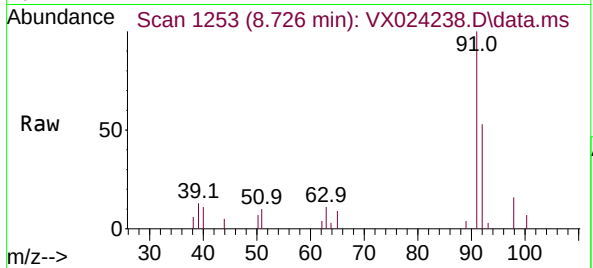




#52
Toluene
Concen: 0.426 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

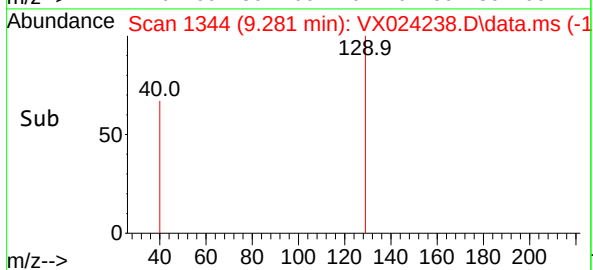
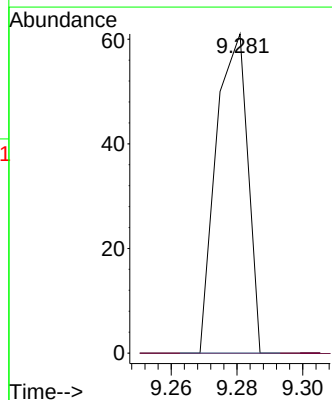
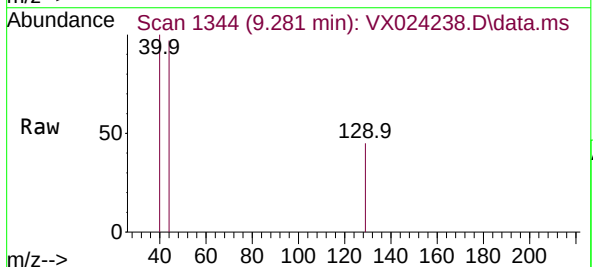
Instrument :
MSVOA_X
ClientSampled :
33128

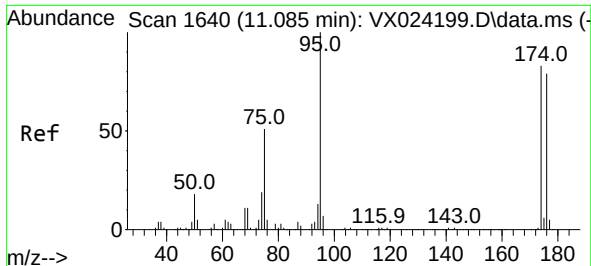
Tgt Ion: 92 Resp: 1691
Ion Ratio Lower Upper
92 100
91 183.6 137.1 205.7



#60
Dibromochloromethane
Concen: 1.747 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 129 Resp: 41
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

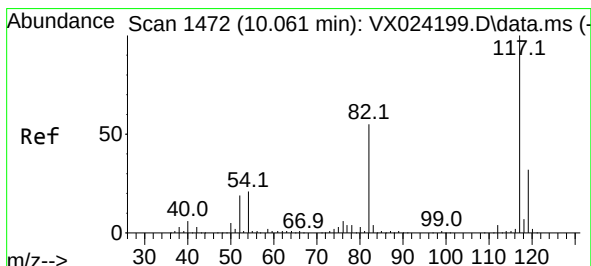
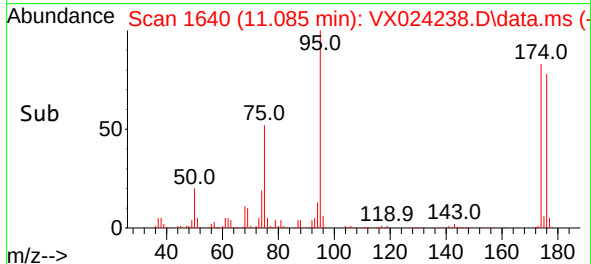
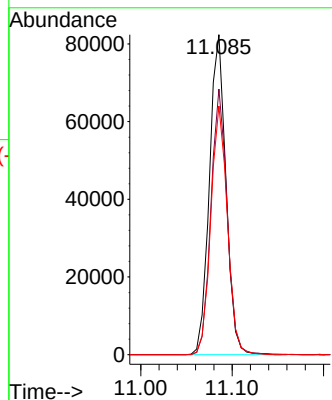
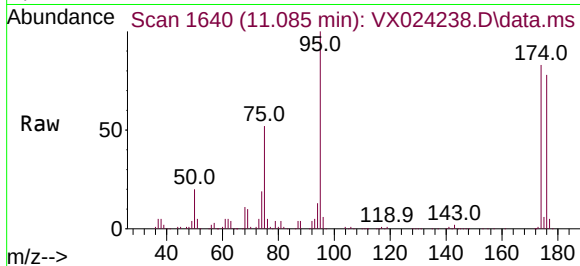




#62
4-Bromofluorobenzene
Concen: 47.353 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

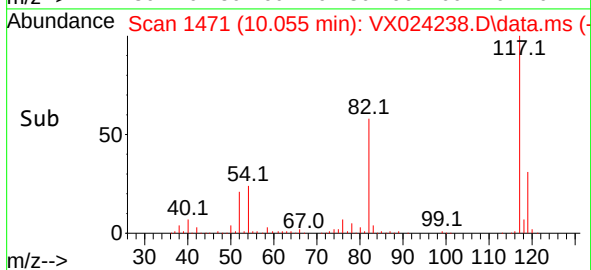
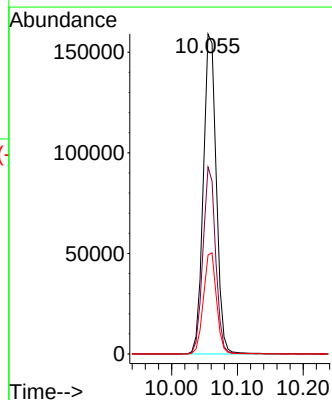
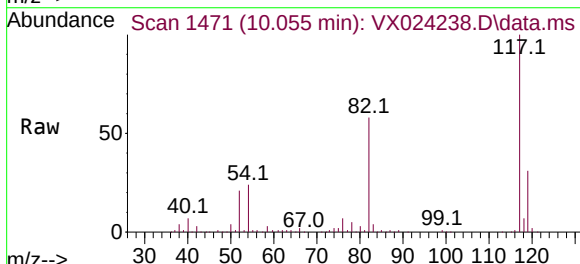
Instrument :
MSVOA_X
ClientSampled :
33128

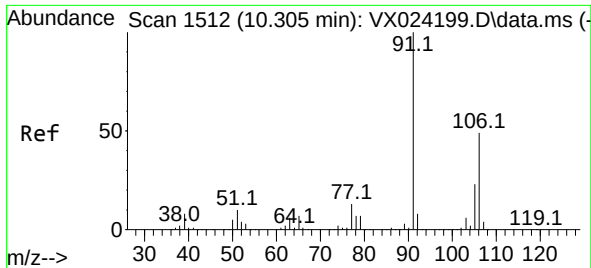
Tgt Ion: 95 Resp: 103331
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion: 117 Resp: 218363
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 30.9 26.6 39.8

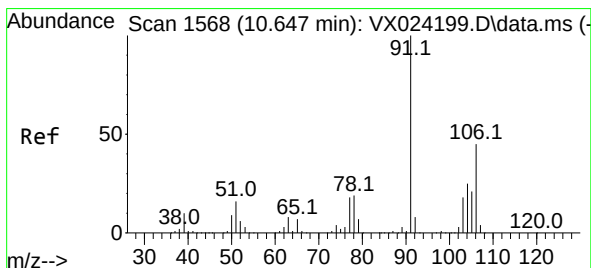
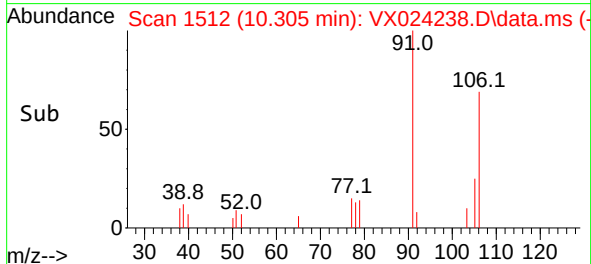
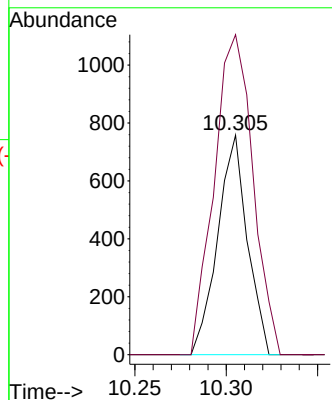
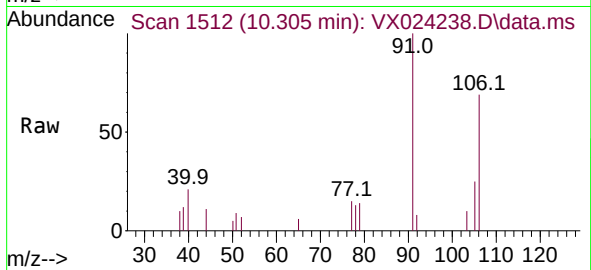




#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

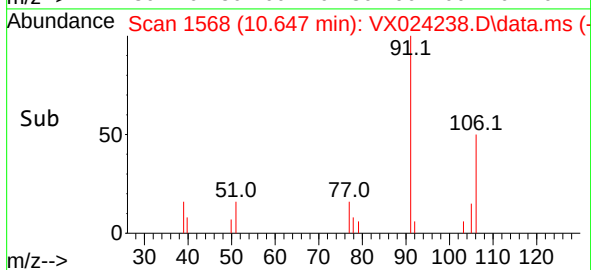
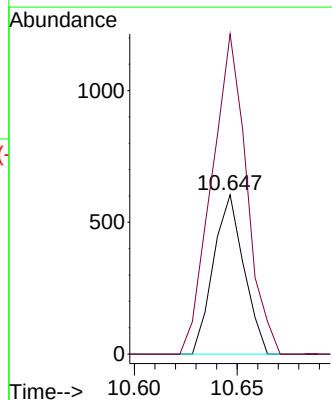
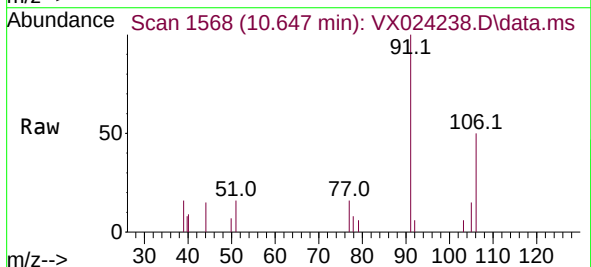
Instrument :
MSVOA_X
ClientSampleId :
33128

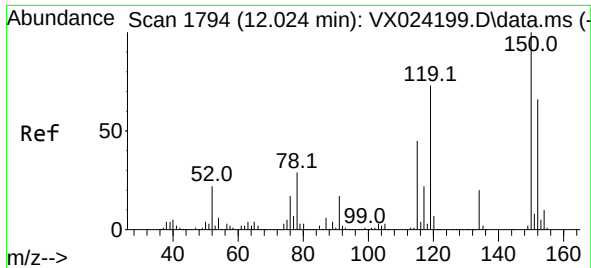
Tgt Ion:106 Resp: 858
Ion Ratio Lower Upper
106 100
91 190.0 162.8 244.2



#69
o-Xylene
Concen: 0.207 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Tgt Ion:106 Resp: 622
Ion Ratio Lower Upper
106 100
91 230.7 108.1 324.2

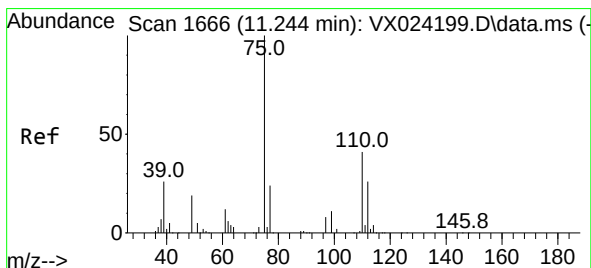
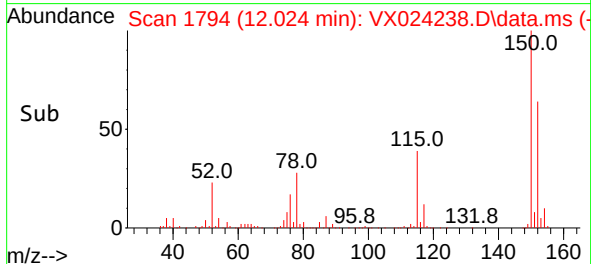
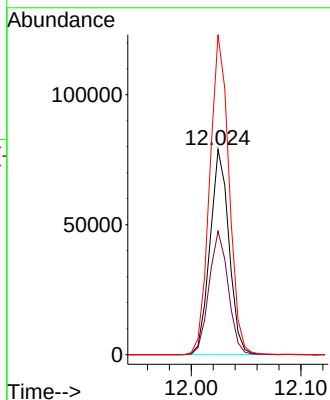
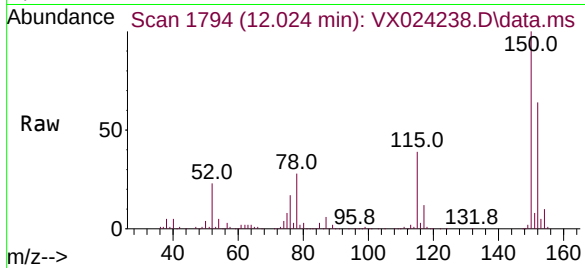




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024238.D
 Acq: 15 Sep 2021 04:04

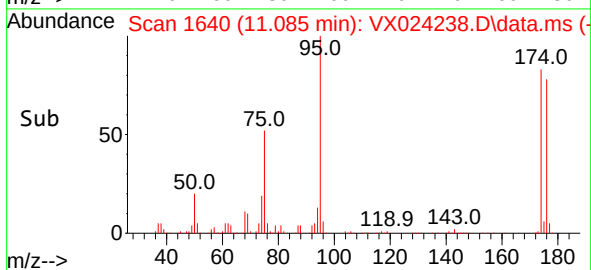
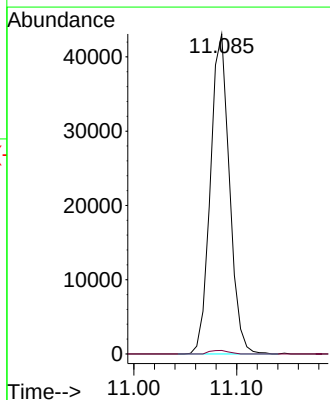
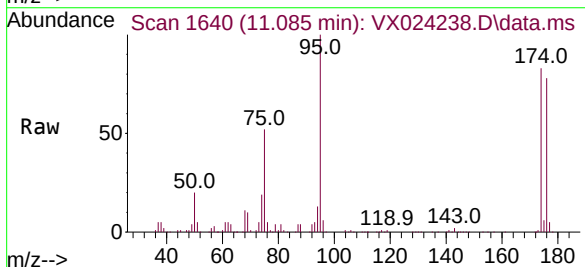
Instrument :
 MSVOA_X
 ClientSampled :
 33128

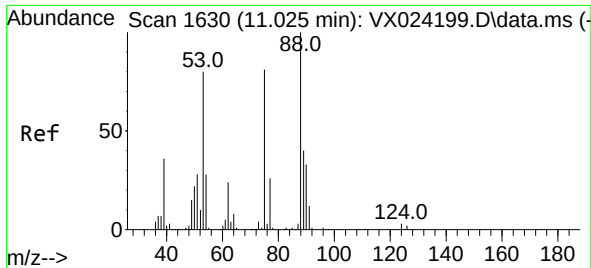
Tgt Ion:152 Resp: 94925
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.451 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024238.D
 Acq: 15 Sep 2021 04:04

Tgt Ion: 75 Resp: 55552
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

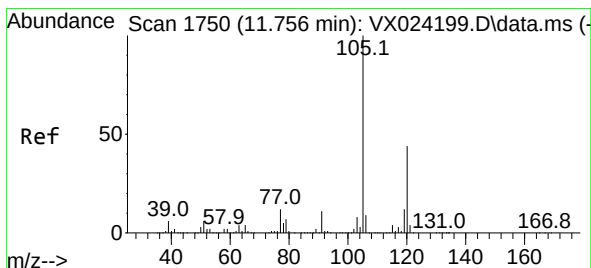
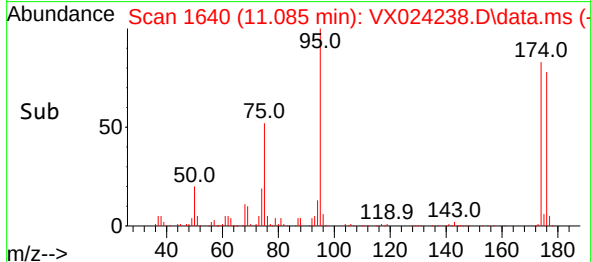
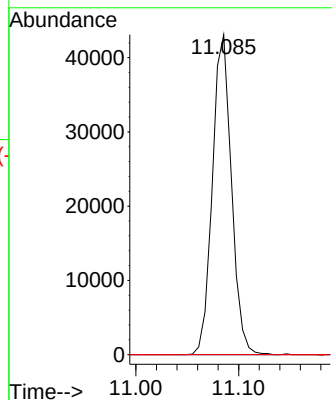
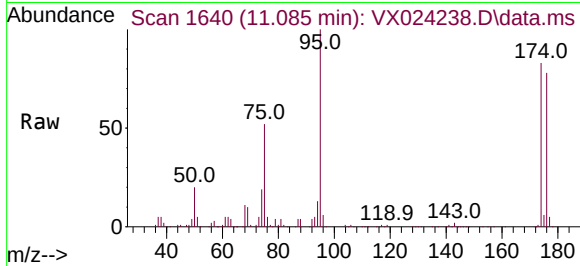




#81
trans-1,4-Dichloro-2-butene
Concen: 74.851 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

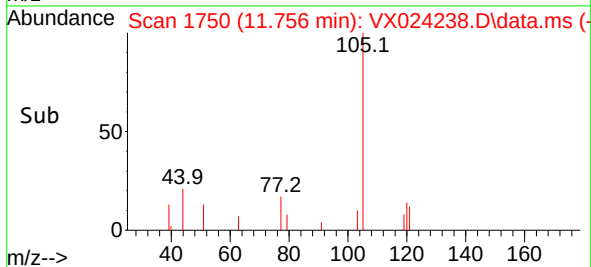
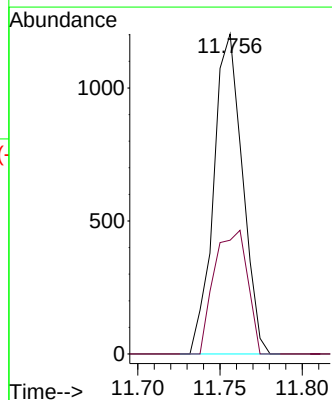
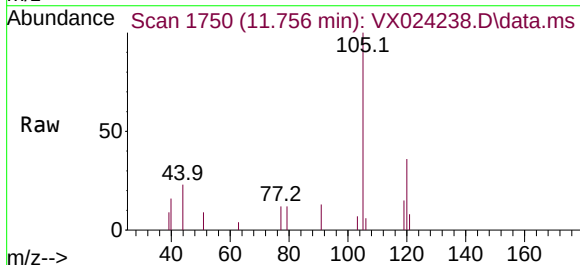
Instrument :
MSVOA_X
ClientSampled :
33128

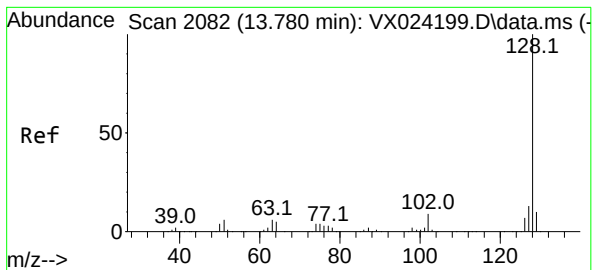
Tgt Ion: 75 Resp: 55552
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.251 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

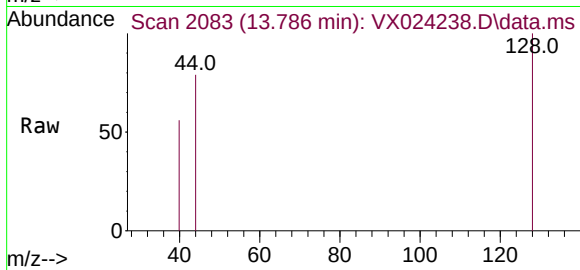
Tgt Ion: 105 Resp: 1469
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3





#95
Naphthalene
Concen: 1.321 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024238.D
Acq: 15 Sep 2021 04:04

Instrument :
MSVOA_X
ClientSampleId :
33128



Tgt Ion:	128	Resp:	233
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

