

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033143.D
 Acq On : 30 Nov 2022 19:33
 Operator : JC/MD
 Sample : N5815-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

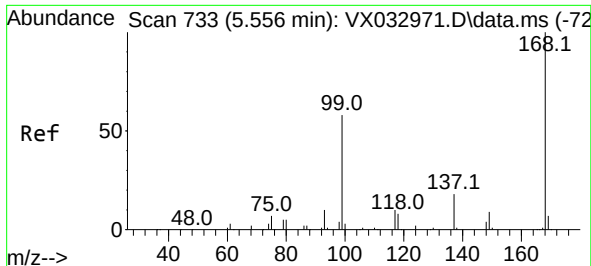
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2

Quant Time: Dec 01 00:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68606	54.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.900%	
35) Dibromofluoromethane	5.385	113	54682	47.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.960%	
50) Toluene-d8	8.647	98	180308	52.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	11.079	95	66684	44.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	281	0.265	ug/l #	43
11) Tert butyl alcohol	2.941	59	248	1.250	ug/l #	72
16) Acetone	2.392	43	483	0.827	ug/l #	45
20) Methylene Chloride	2.788	84	86	Below Cal	#	5
31) Cyclohexane	5.556	56	2801	1.382	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	10018	5.440	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13535	6.626	ug/l #	15
67) Ethyl Benzene	10.195	91	1522	0.237	ug/l	93
68) m/p-Xylenes	10.305	106	617	0.245	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	36017	22.449	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36017	72.969	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1055	0.208	ug/l	84

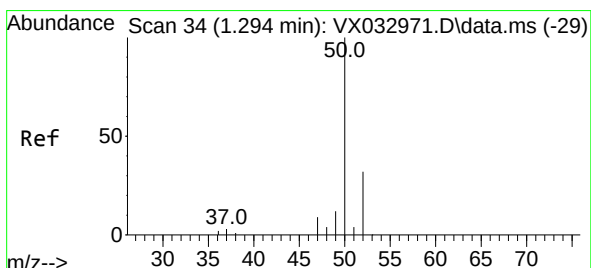
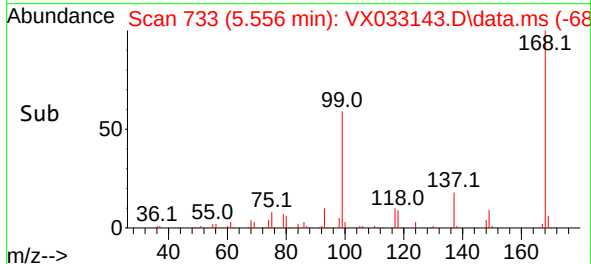
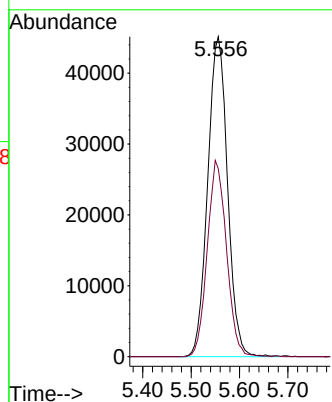
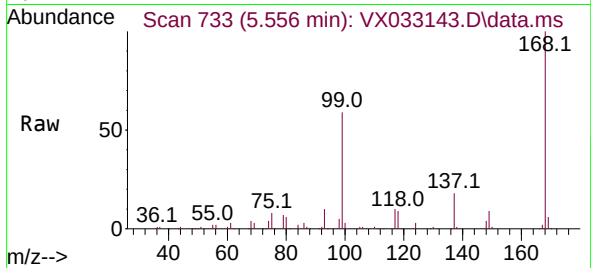
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033143.D
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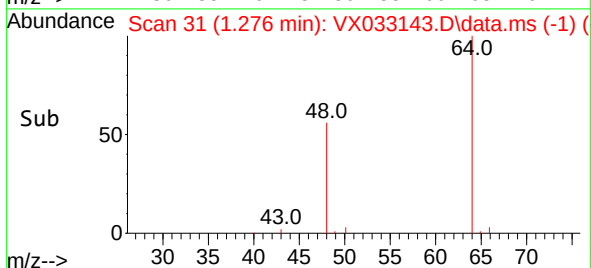
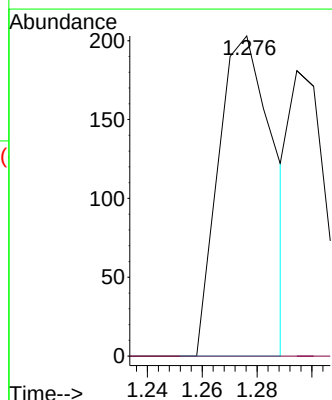
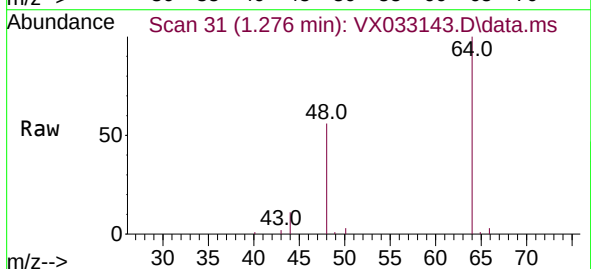
Instrument :
MSVOA_X
ClientSampleId :
PZ-2

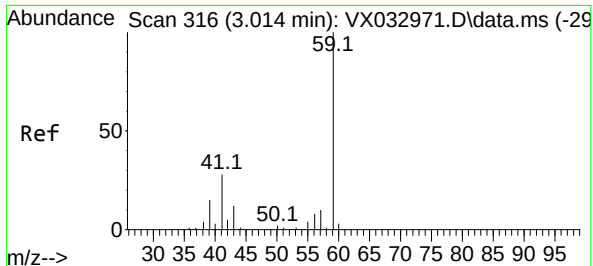
Tgt Ion:168 Resp: 128488
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.250 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX033143.D

Acq: 30 Nov 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

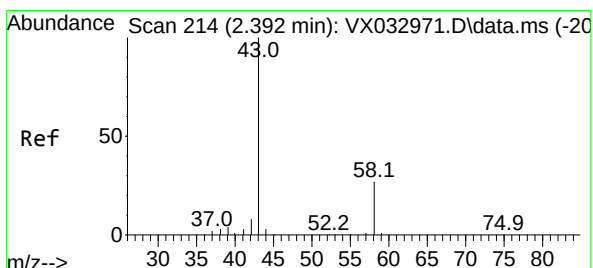
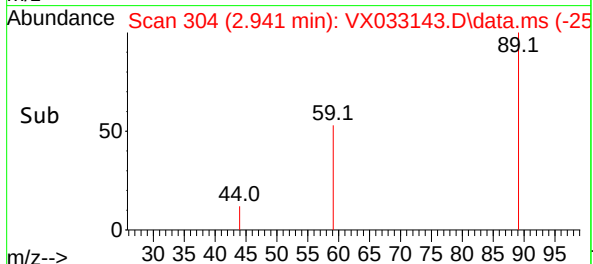
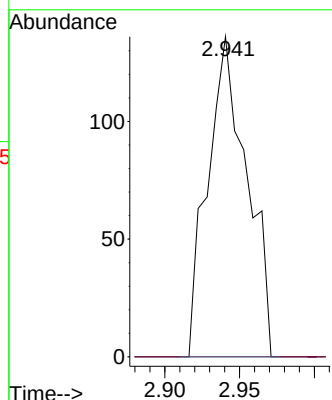
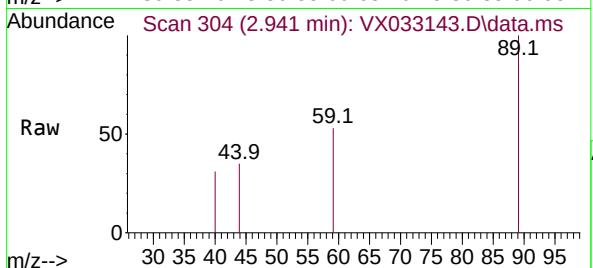
PZ-2

Tgt Ion: 59 Resp: 248

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.827 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033143.D

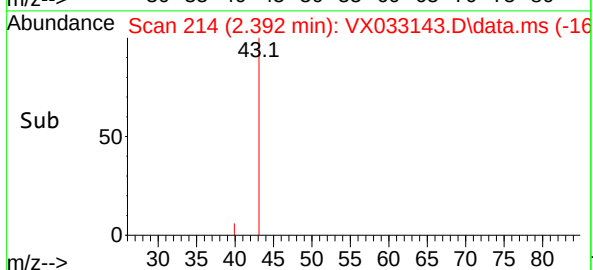
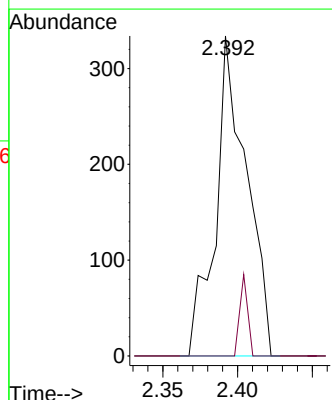
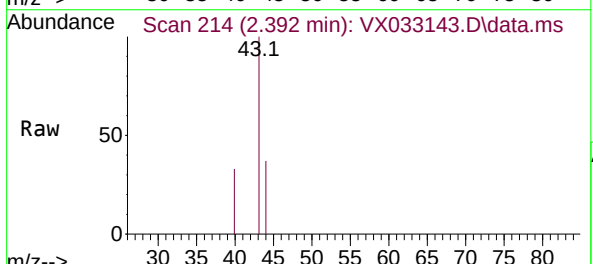
Acq: 30 Nov 2022 19:33

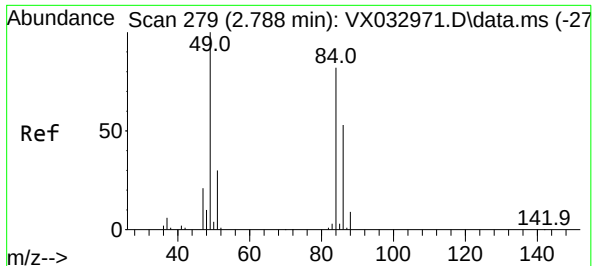
Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

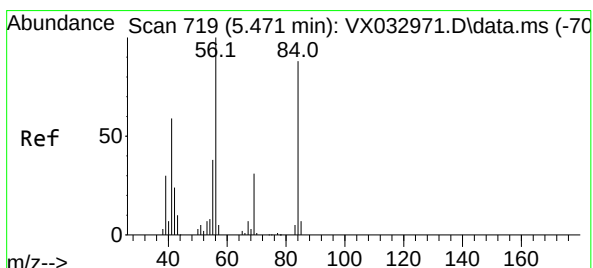
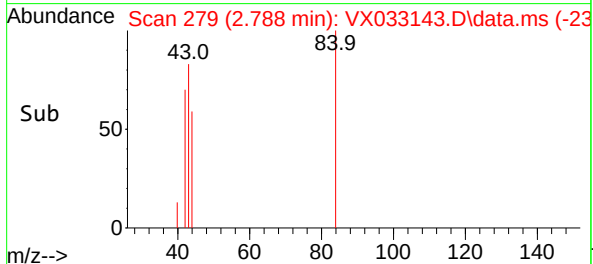
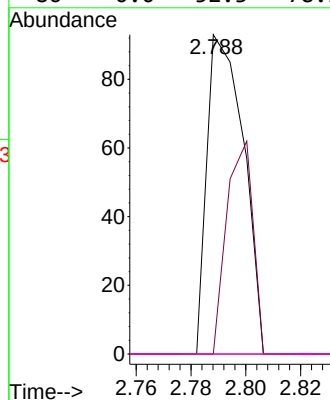
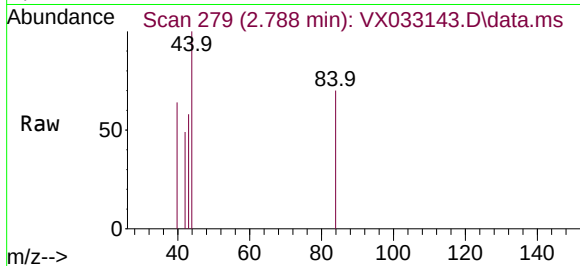




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

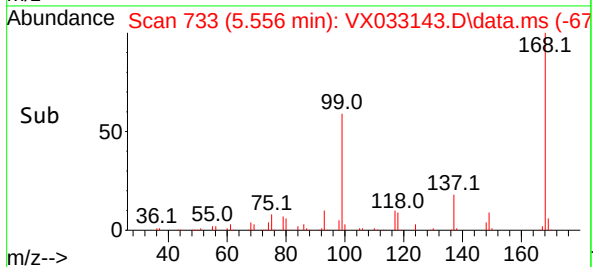
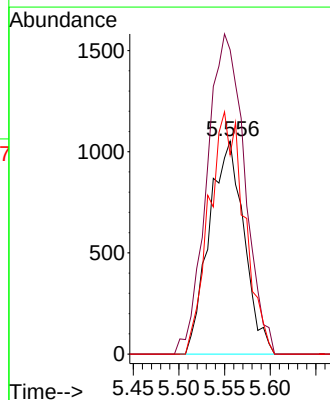
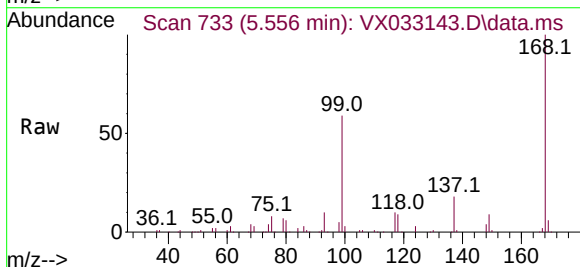
Instrument :
MSVOA_X
ClientSampleId :
PZ-2

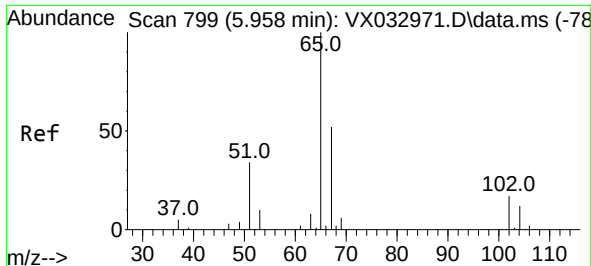
Tgt Ion:	84	Resp:	86
Ion	Ratio	Lower	Upper
84	100		
49	0.0	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Tgt Ion:	56	Resp:	2801
Ion	Ratio	Lower	Upper
56	100		
69	143.0	24.1	36.1#
84	93.6	66.9	100.3

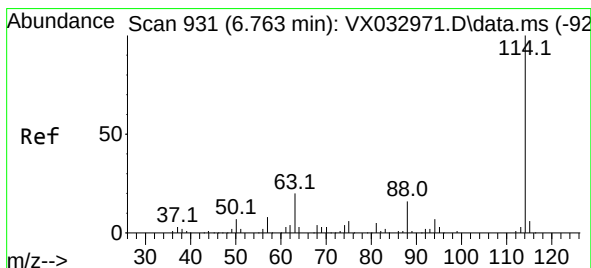
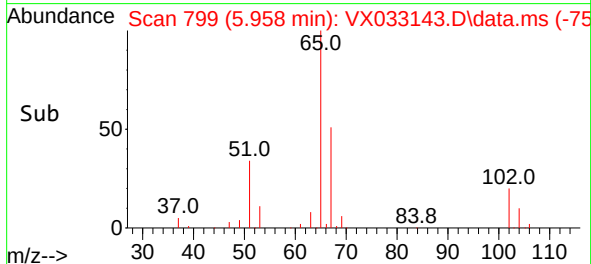
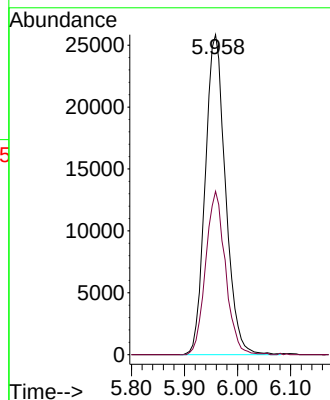
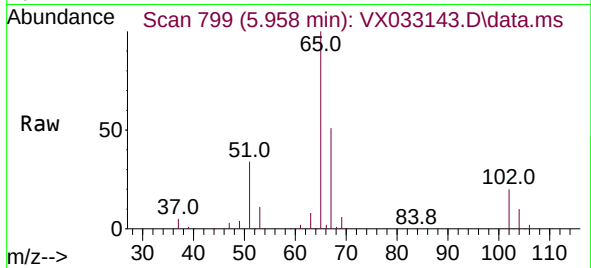




#33
 1,2-Dichloroethane-d4
 Concen: 54.954 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033143.D
 Acq: 30 Nov 2022 19:33

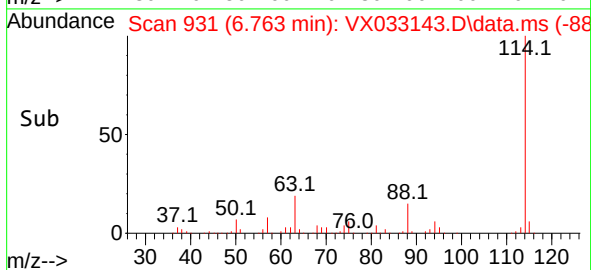
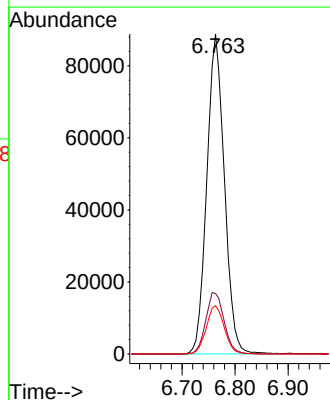
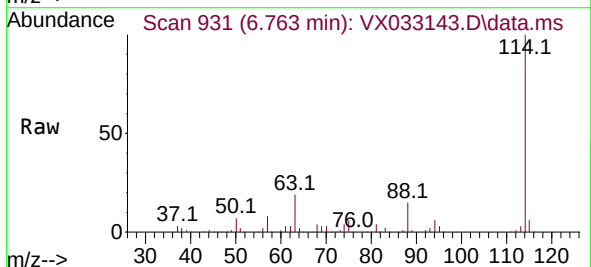
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2

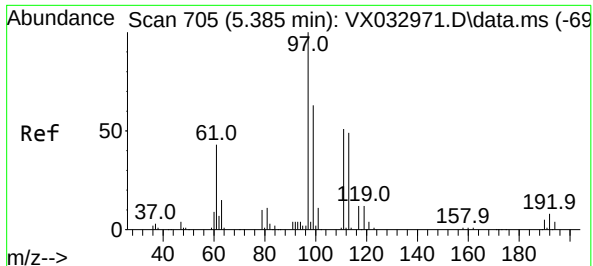
Tgt Ion: 65 Resp: 68606
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033143.D
 Acq: 30 Nov 2022 19:33

Tgt Ion: 114 Resp: 204282
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.6
 88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.481 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033143.D

Acq: 30 Nov 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

PZ-2

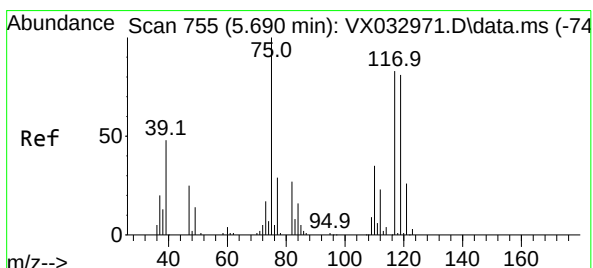
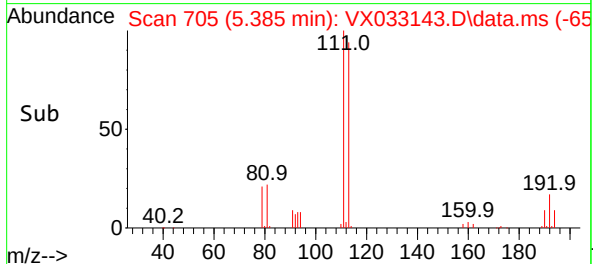
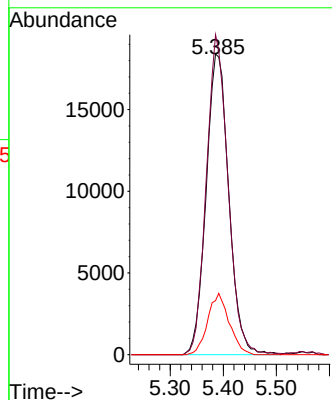
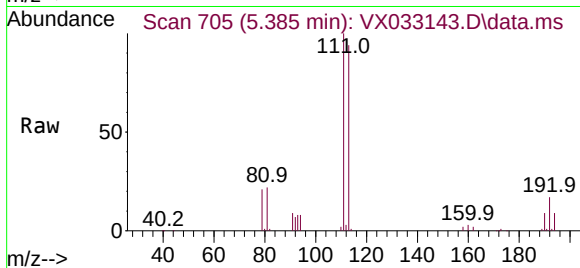
Tgt Ion:113 Resp: 54682

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.440 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033143.D

Acq: 30 Nov 2022 19:33

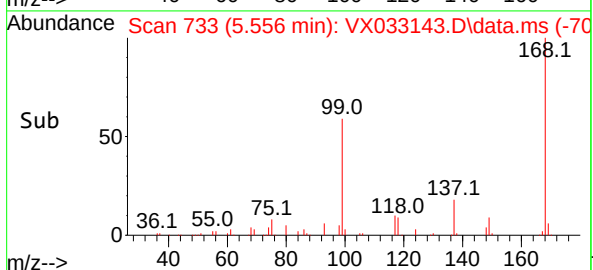
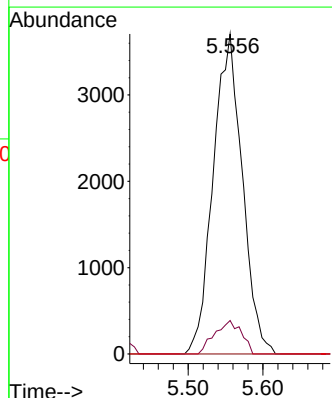
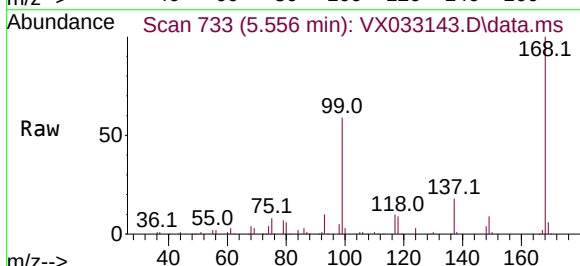
Tgt Ion: 75 Resp: 10018

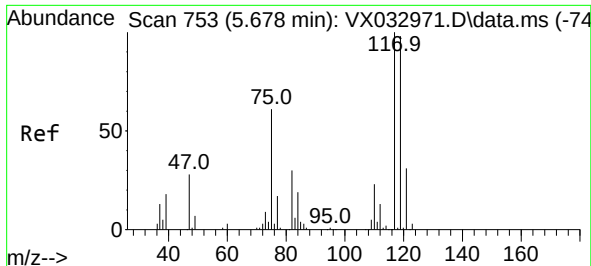
Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.5 36.7#

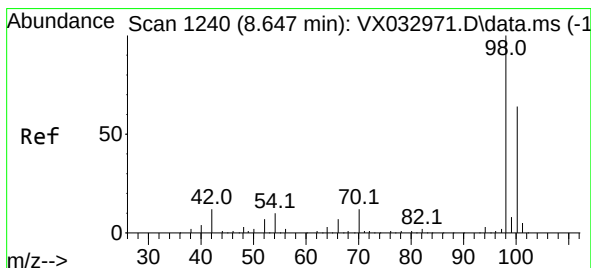
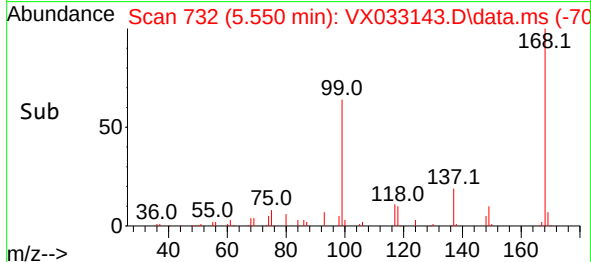
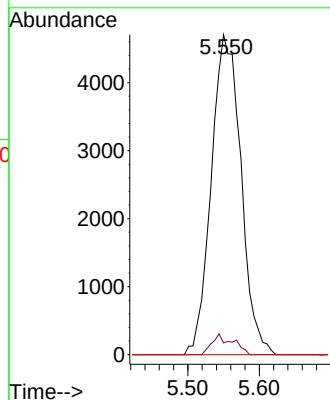
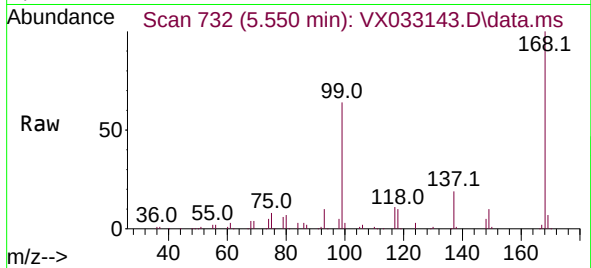




#38
Carbon Tetrachloride
Concen: 6.626 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

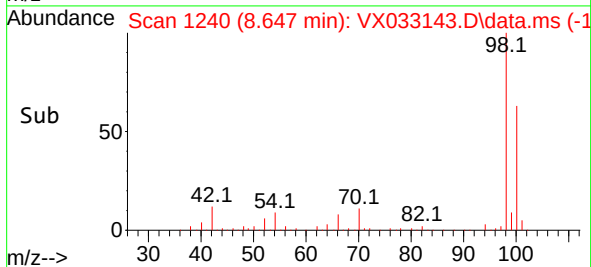
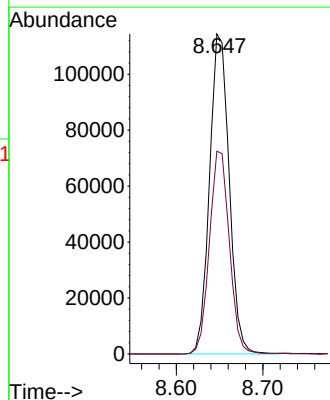
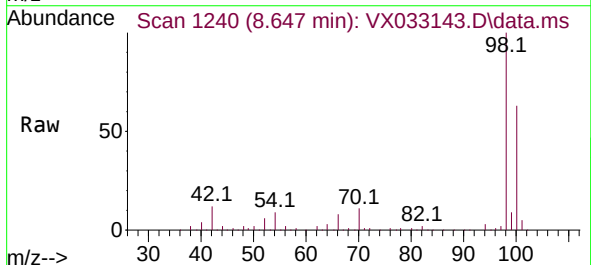
Instrument :
MSVOA_X
ClientSampleId :
PZ-2

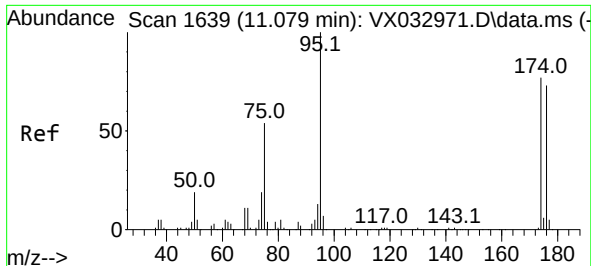
Tgt Ion:117 Resp: 13535
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.126 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Tgt Ion: 98 Resp: 180308
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.079 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033143.D

Acq: 30 Nov 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

PZ-2

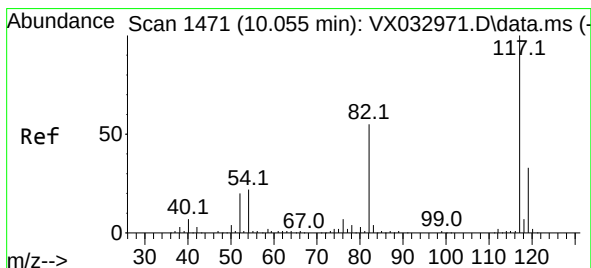
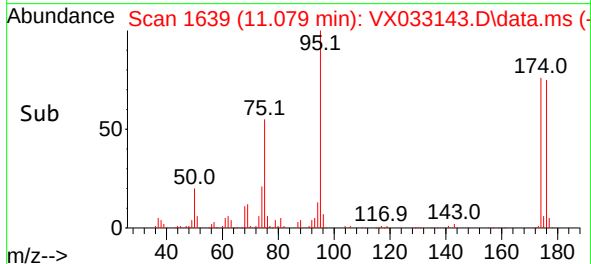
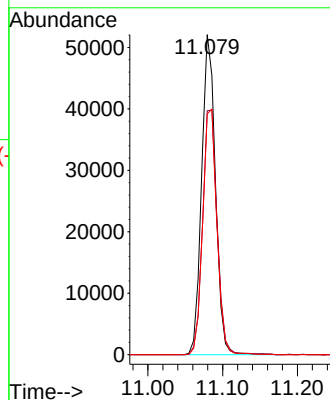
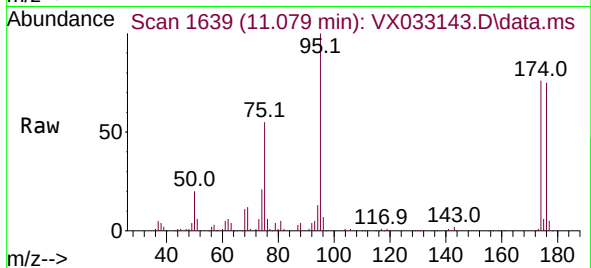
Tgt Ion: 95 Resp: 66684

Ion Ratio Lower Upper

95 100

174 80.6 0.0 164.0

176 79.2 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033143.D

Acq: 30 Nov 2022 19:33

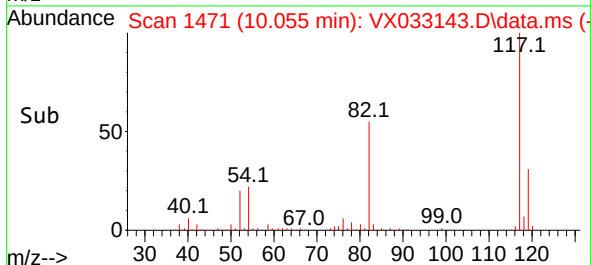
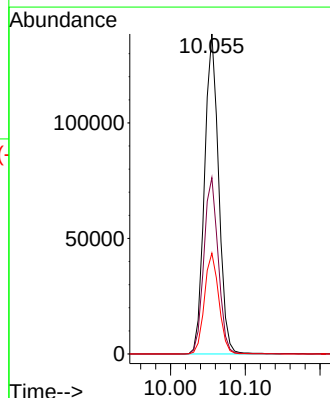
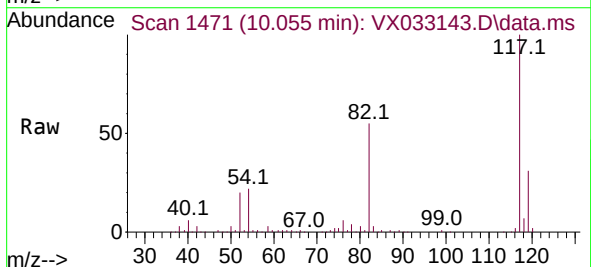
Tgt Ion: 117 Resp: 181925

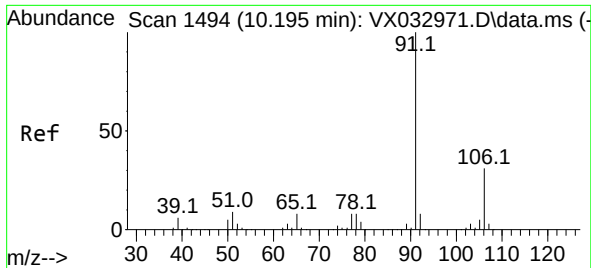
Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

119 31.5 25.7 38.5

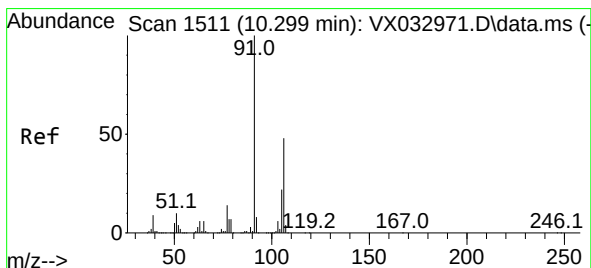
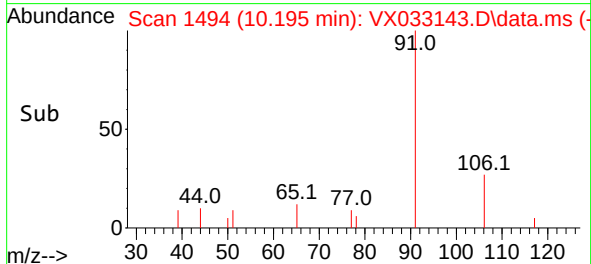
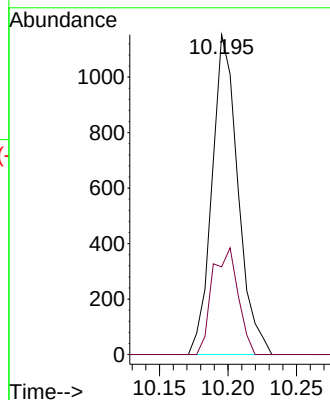
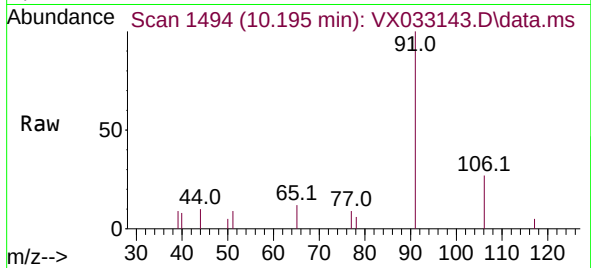




#67
Ethyl Benzene
Concen: 0.237 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

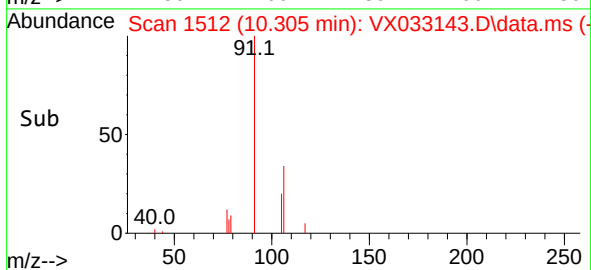
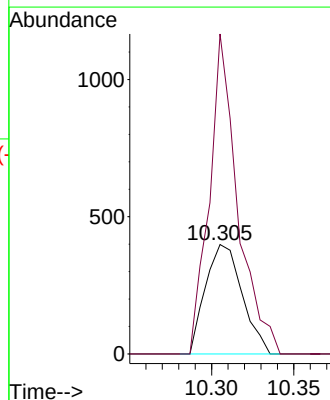
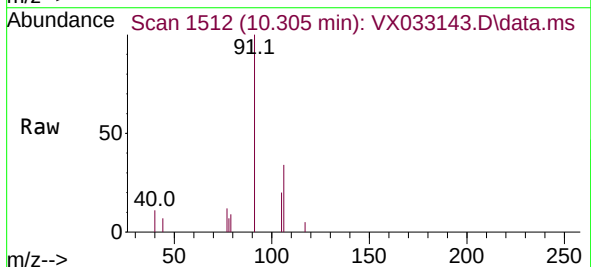
Instrument :
MSVOA_X
ClientSampleId :
PZ-2

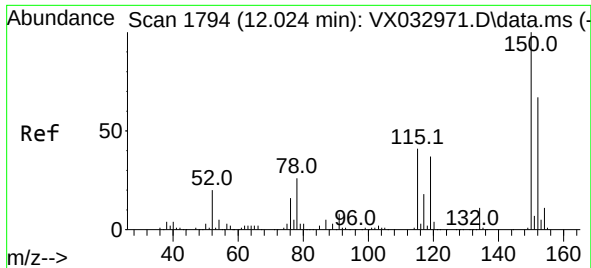
Tgt Ion: 91 Resp: 1522
Ion Ratio Lower Upper
91 100
106 27.4 25.0 37.6



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Tgt Ion: 106 Resp: 617
Ion Ratio Lower Upper
106 100
91 226.7 164.5 246.7

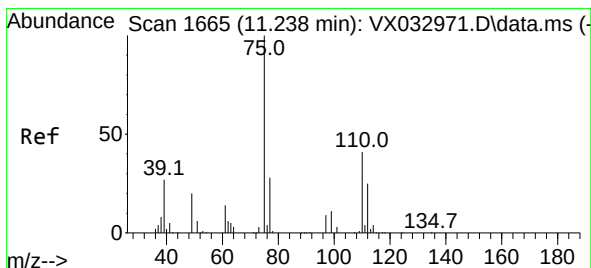
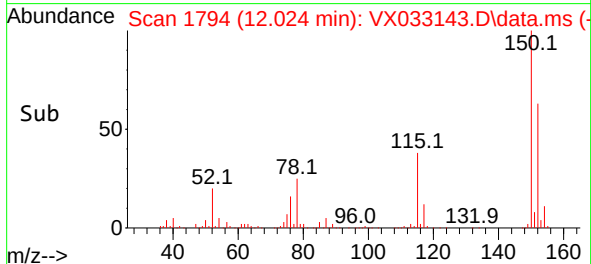
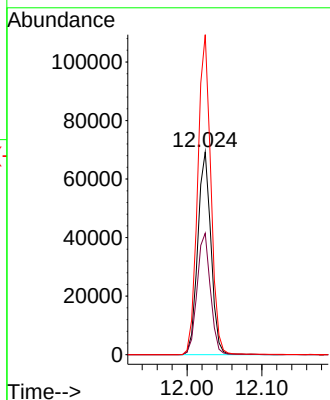
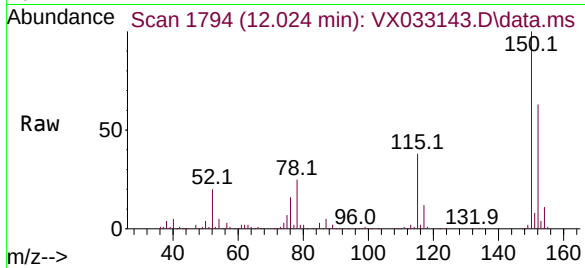




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033143.D
 Acq: 30 Nov 2022 19:33

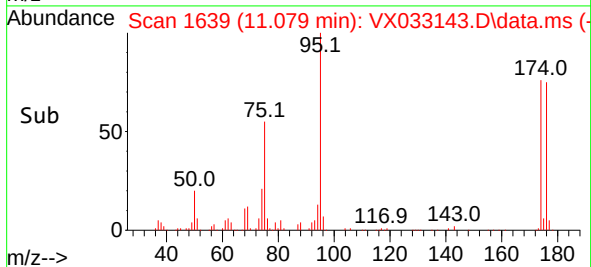
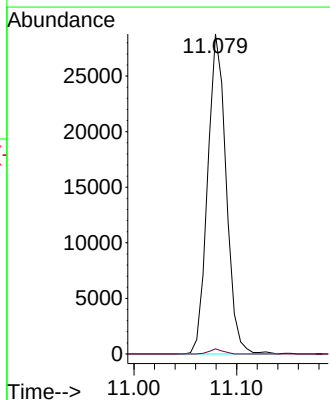
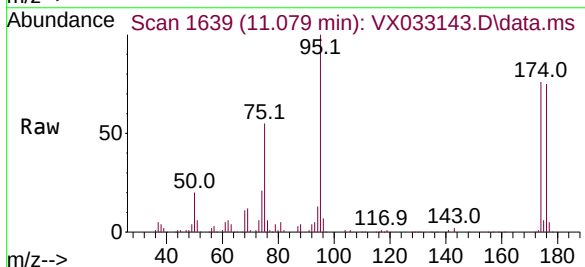
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2

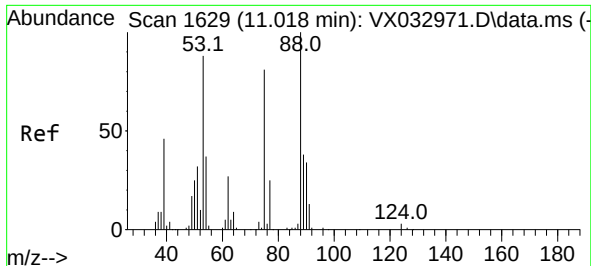
Tgt Ion:152 Resp: 84717
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.0 132.0
 150 157.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.449 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033143.D
 Acq: 30 Nov 2022 19:33

Tgt Ion: 75 Resp: 36017
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 60.0#

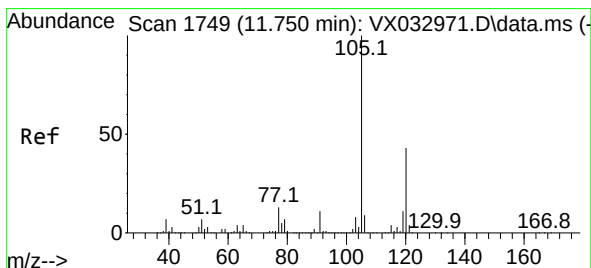
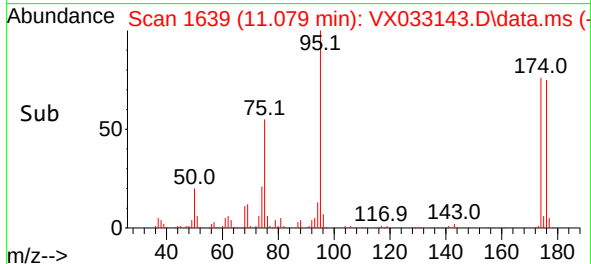
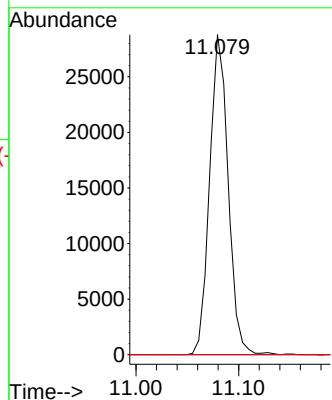
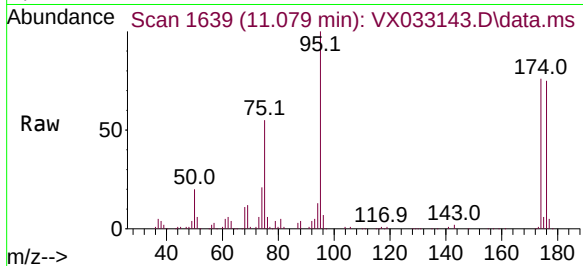




#81
trans-1,4-Dichloro-2-butene
Concen: 72.969 ug/l
RT: 11.079 min Scan# 1100
Delta R.T. 0.061 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
PZ-2

Tgt Ion: 75 Resp: 36017
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.208 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033143.D
Acq: 30 Nov 2022 19:33

Tgt Ion: 105 Resp: 1055
Ion Ratio Lower Upper
105 100
120 53.8 21.9 65.5

