

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033161.D
 Acq On : 01 Dec 2022 14:23
 Operator : JC/MD
 Sample : N5828-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-02-11302022

Quant Time: Dec 02 00:51:40 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)

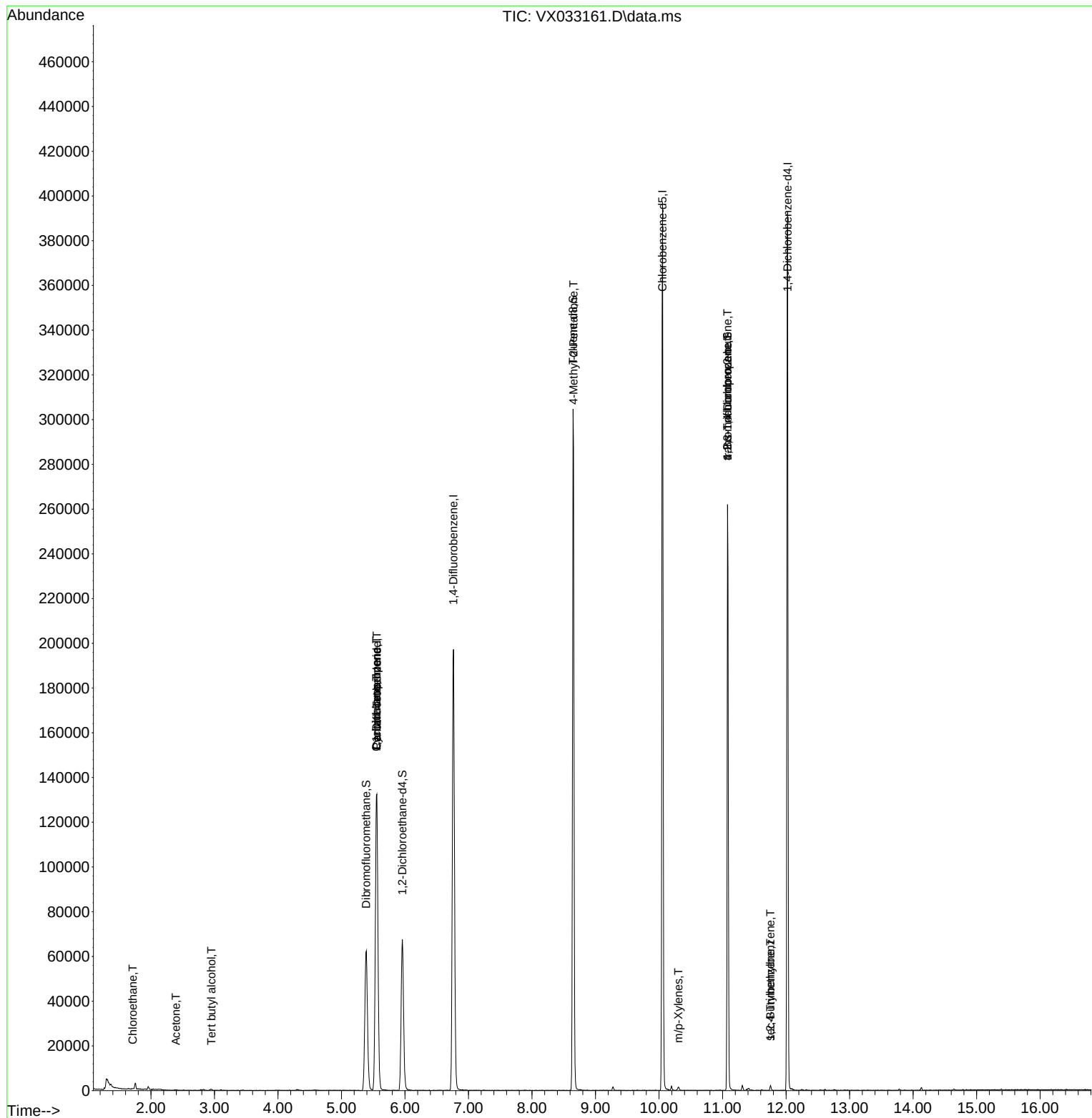
Internal Standards						
1) Pentafluorobenzene	5.556	168	126342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69796	56.972	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.940%
35) Dibromofluoromethane	5.385	113	54099	47.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	180020	52.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.140%
62) 4-Bromofluorobenzene	11.079	95	66644	44.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%
Target Compounds						
					Qvalue	
6) Chloroethane	1.715	64	223	0.236	ug/l #	42
11) Tert butyl alcohol	2.953	59	315	1.615	ug/l #	72
16) Acetone	2.392	43	263	0.458	ug/l #	45
20) Methylene Chloride	2.794	84	54	Below Cal	#	49
31) Cyclohexane	5.550	56	2730	1.369	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9972	5.468	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13507	6.677	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	755	0.465	ug/l #	1
68) m/p-Xylenes	10.305	106	515	0.210	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	35998	23.342	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35998	75.873	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1326	0.272	ug/l	96
85) sec-Butylbenzene	11.756	105	1326	0.228	ug/l #	57

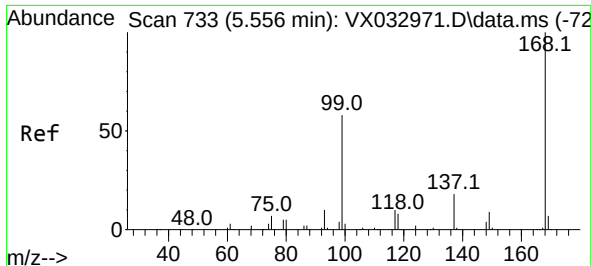
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033161.D
Acq On : 01 Dec 2022 14:23
Operator : JC/MD
Sample : N5828-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

Quant Time: Dec 02 00:51:40 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

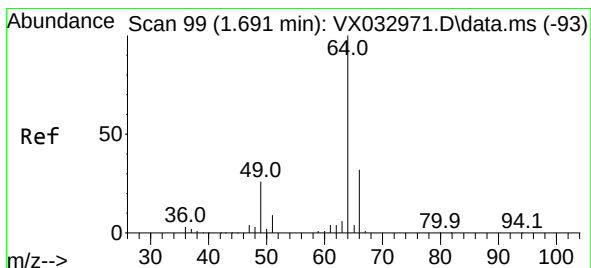
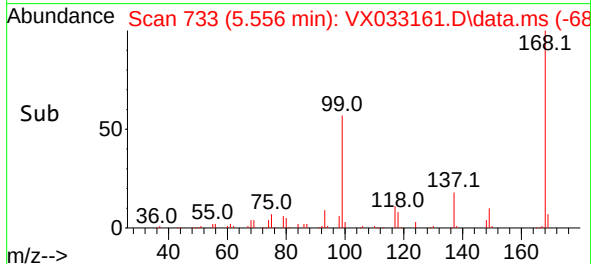
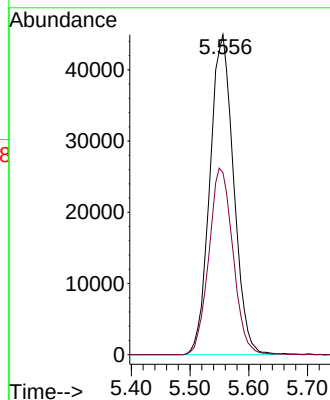
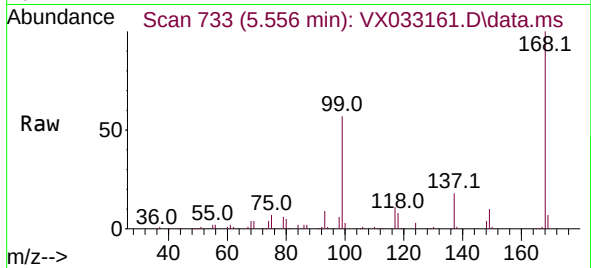




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

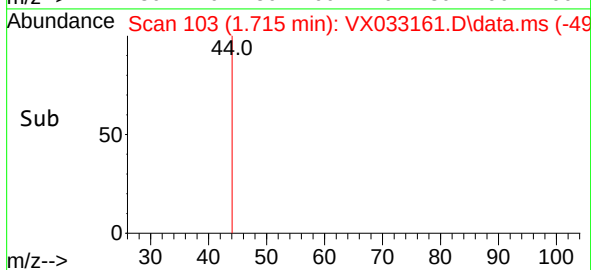
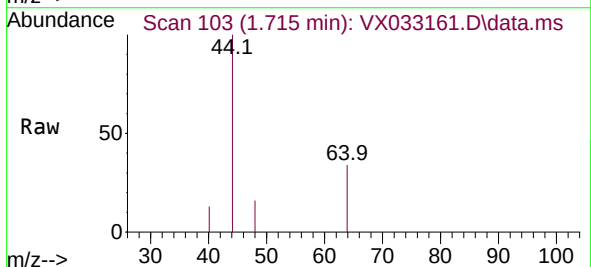
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

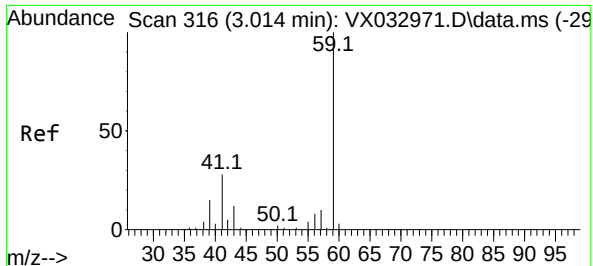
Tgt Ion:168 Resp: 126342
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 1.615 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX033161.D

Acq: 01 Dec 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

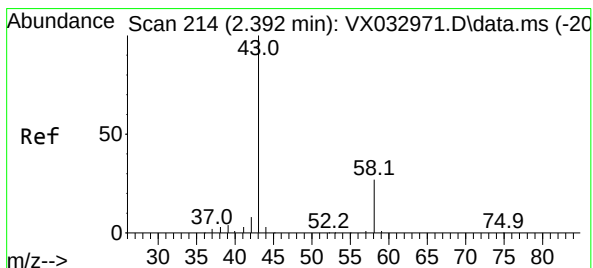
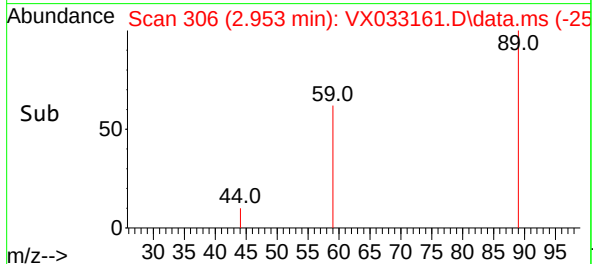
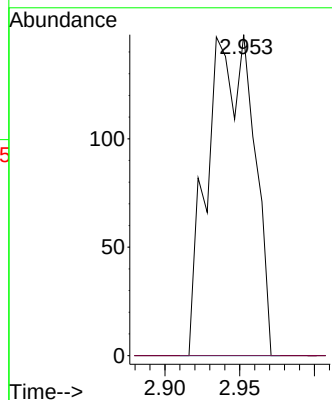
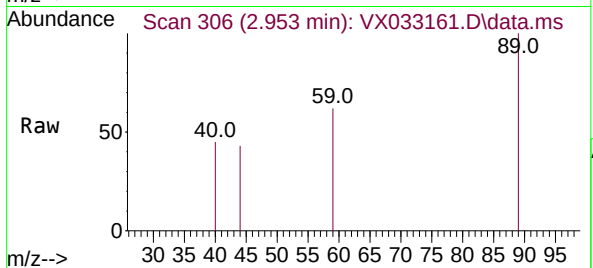
RW9-PT-OUT-02-11302022

Tgt Ion: 59 Resp: 315

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.458 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033161.D

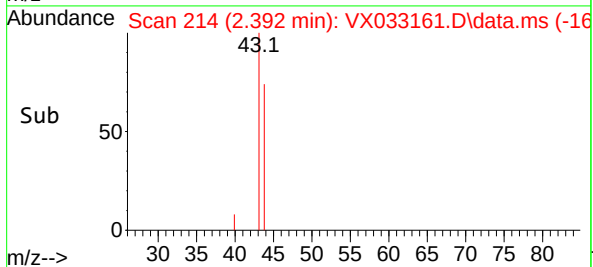
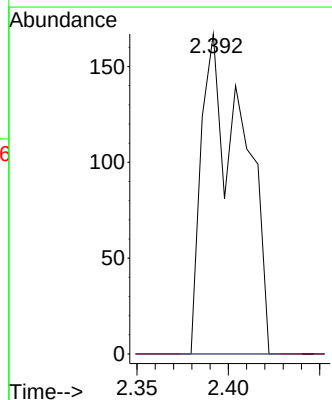
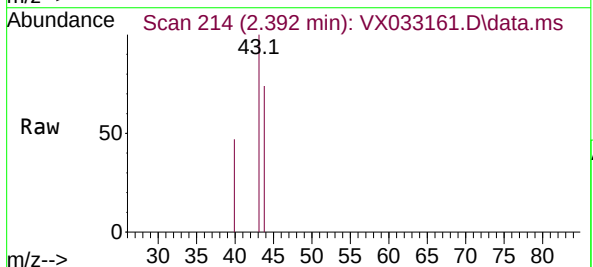
Acq: 01 Dec 2022 14:23

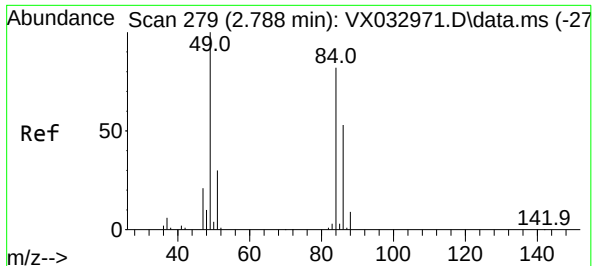
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

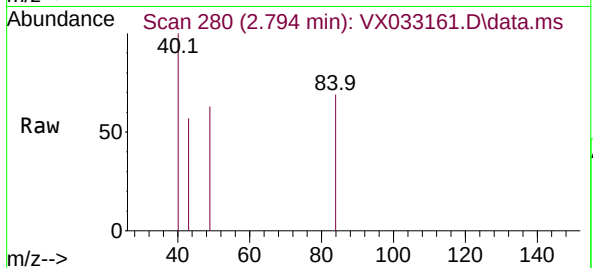
58 0.0 23.8 35.8#



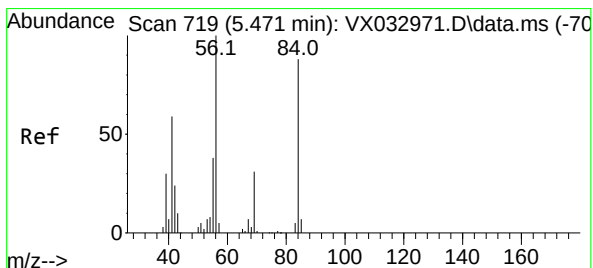
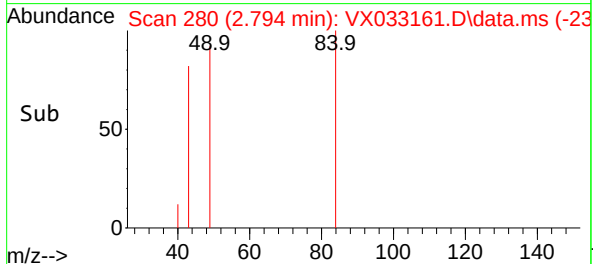
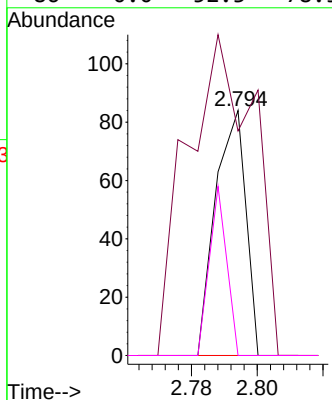


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

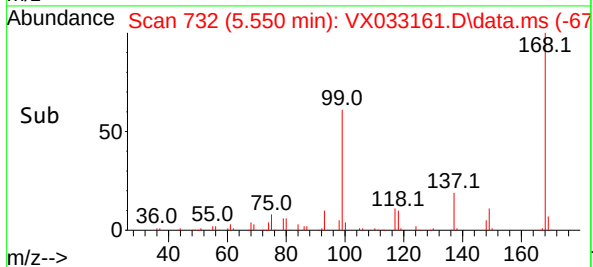
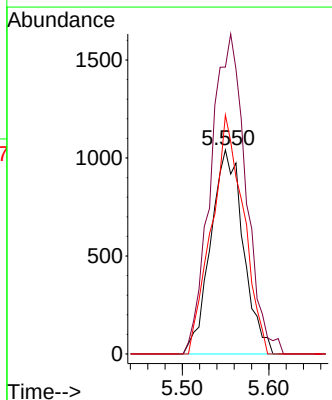
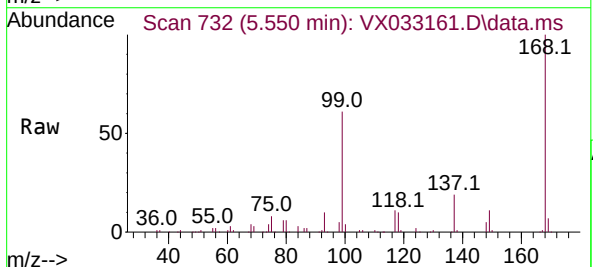


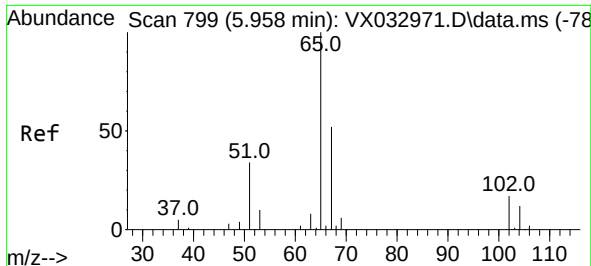
Tgt Ion:	84	Resp:	54
Ion	Ratio	Lower	Upper
84	100		
49	91.7	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion:	56	Resp:	2730
Ion	Ratio	Lower	Upper
56	100		
69	140.6	24.1	36.1#
84	117.1	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 56.972 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033161.D

Acq: 01 Dec 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

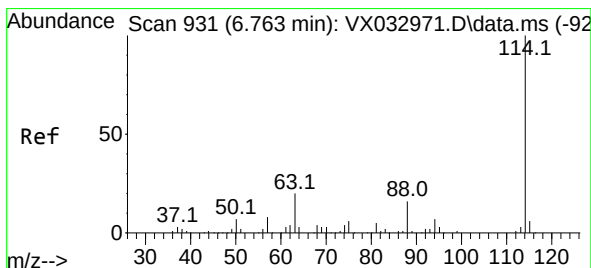
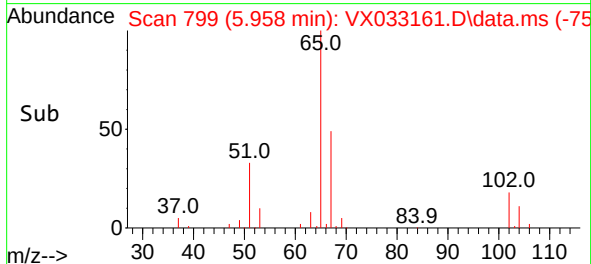
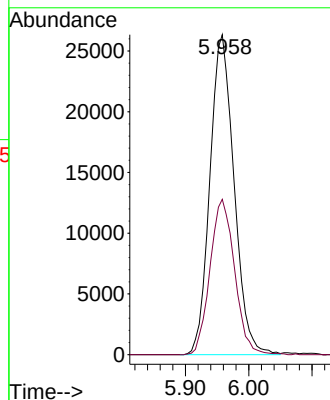
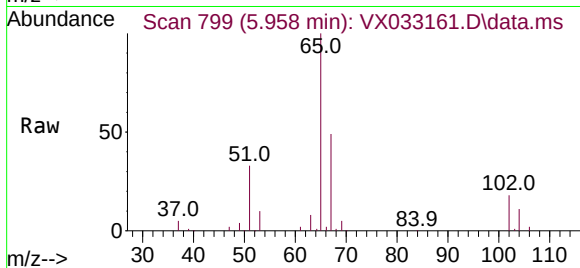
RW9-PT-OUT-02-11302022

Tgt Ion: 65 Resp: 69796

Ion Ratio Lower Upper

65 100

67 49.4 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: VX033161.D

Acq: 01 Dec 2022 14:23

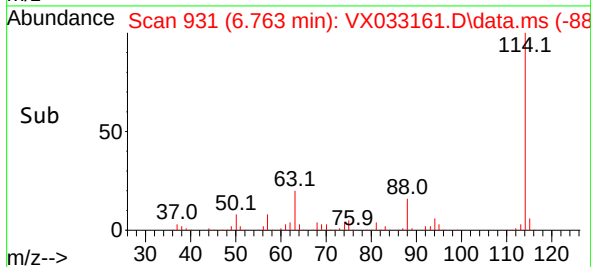
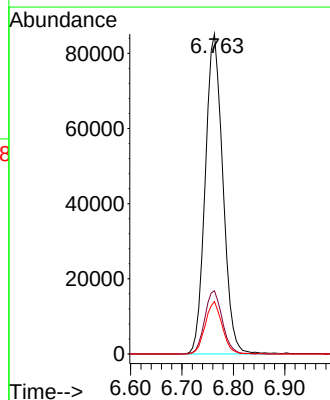
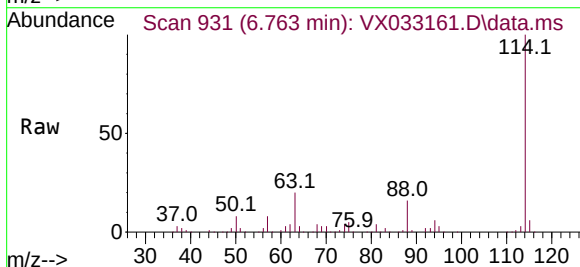
Tgt Ion: 114 Resp: 202294

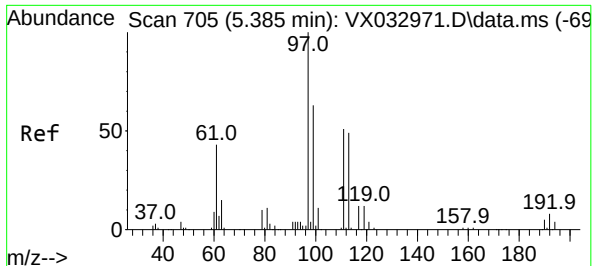
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 16.4 0.0 33.4

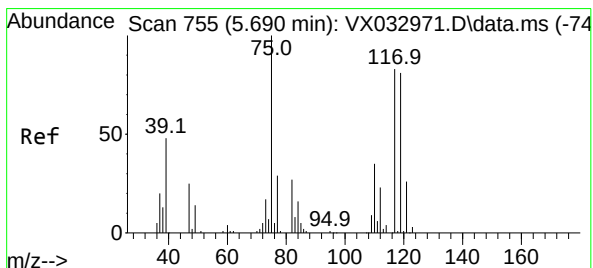
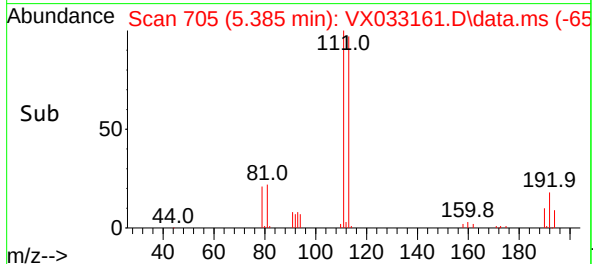
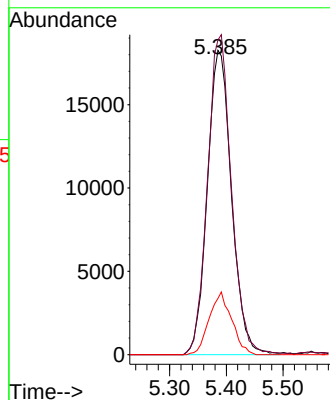
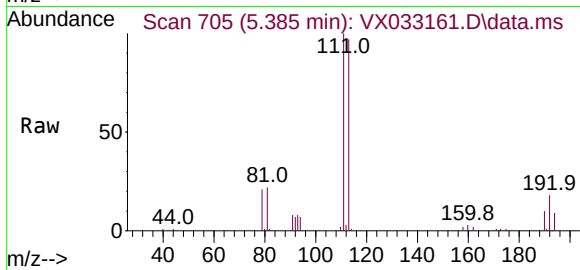




#35
Dibromofluoromethane
Concen: 47.436 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

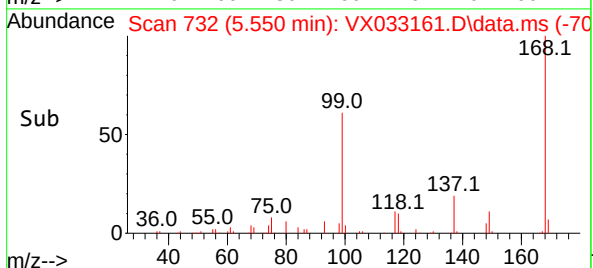
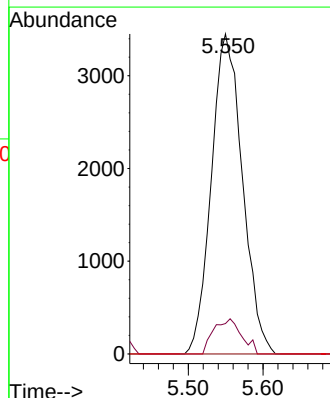
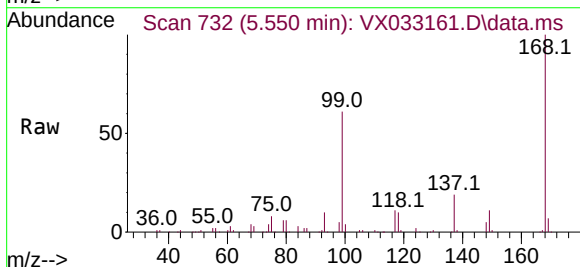
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

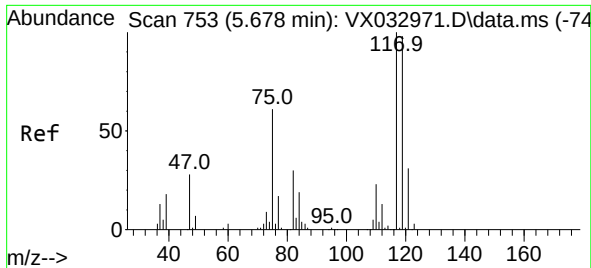
Tgt Ion:113 Resp: 54099
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

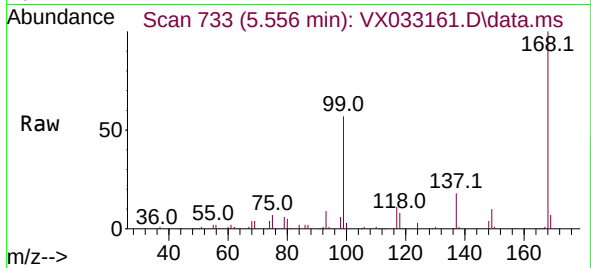
Tgt Ion: 75 Resp: 9972
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



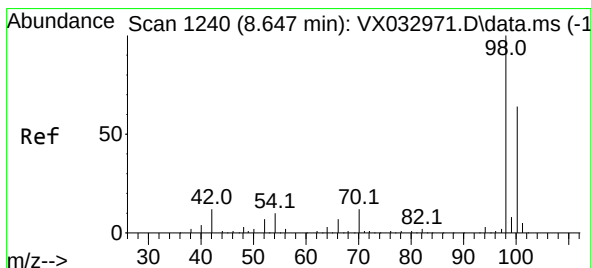
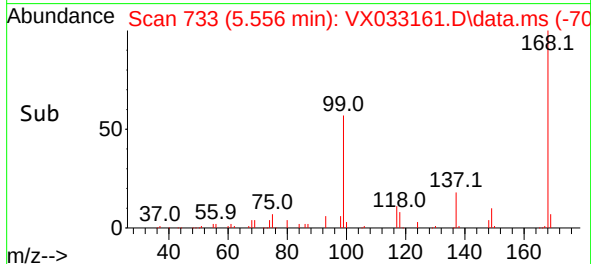
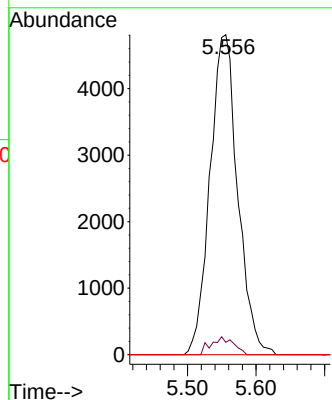


#38
Carbon Tetrachloride
Concen: 6.677 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

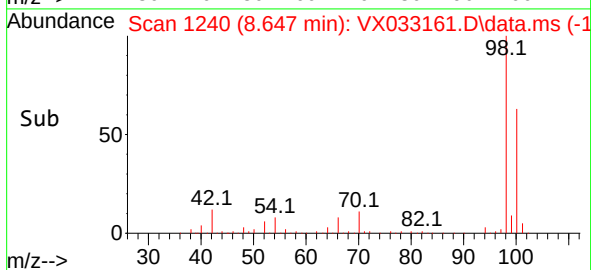
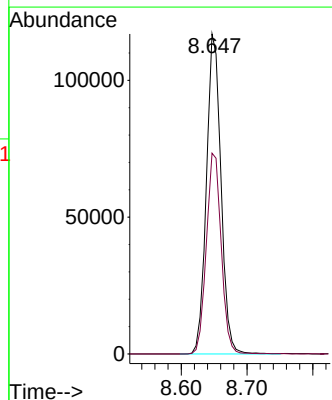
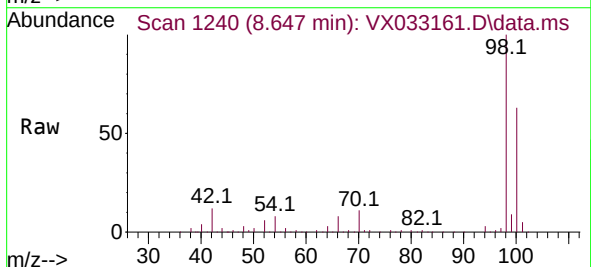


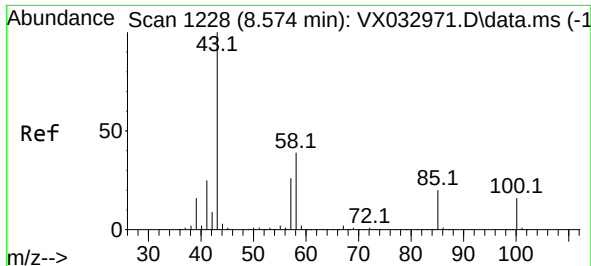
Tgt Ion:117 Resp: 13507
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 98 Resp: 180020
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

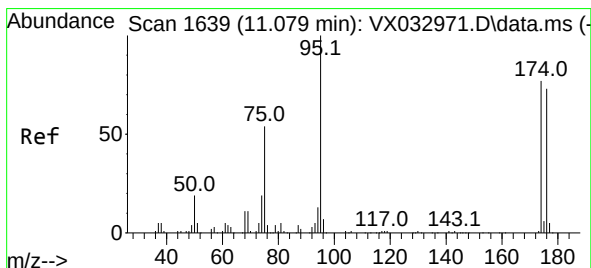
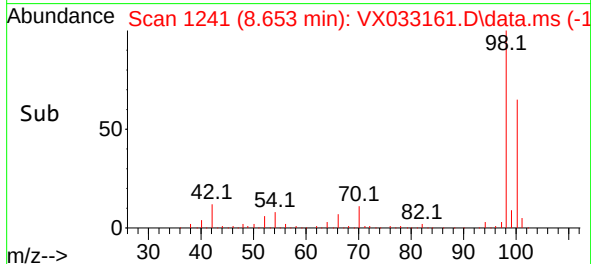
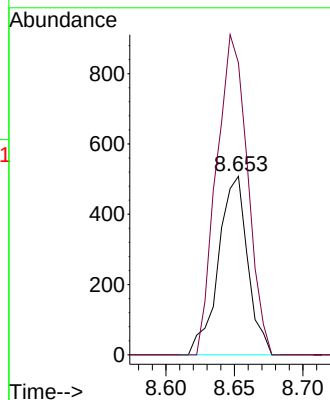
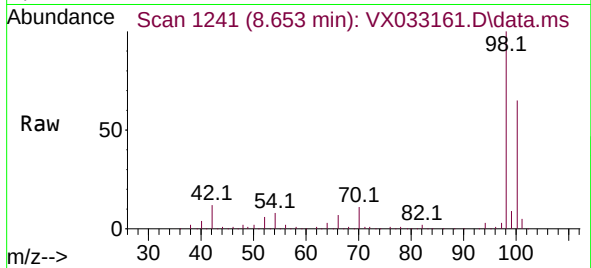




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

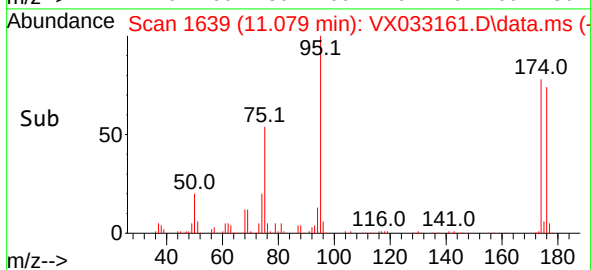
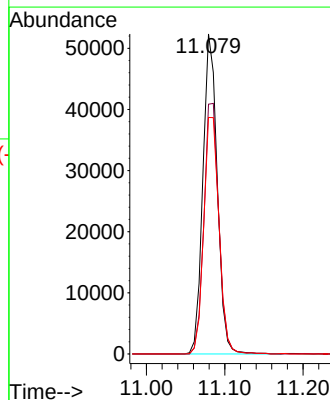
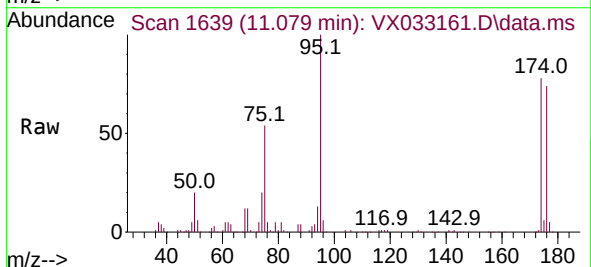
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

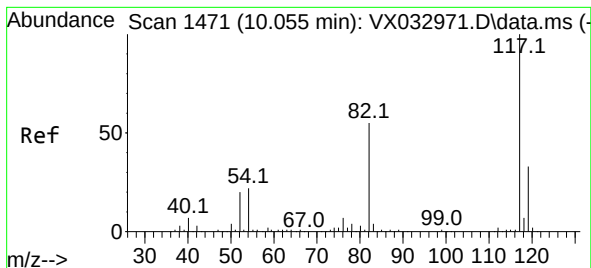
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 189.9 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 95 Resp: 66644
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.9 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: VX033161.D

Acq: 01 Dec 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

RW9-PT-OUT-02-11302022

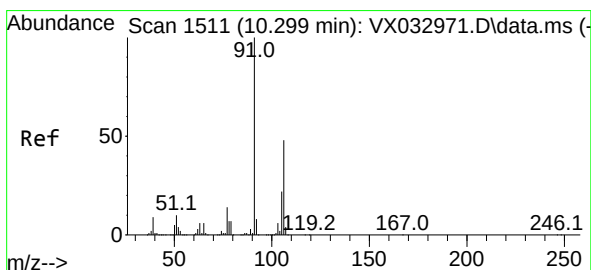
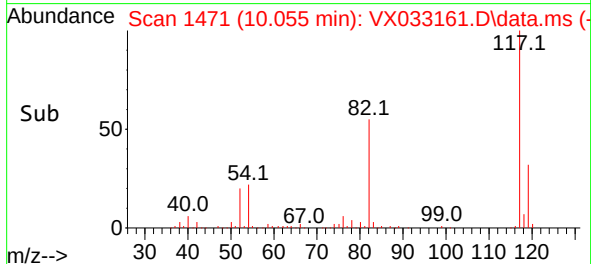
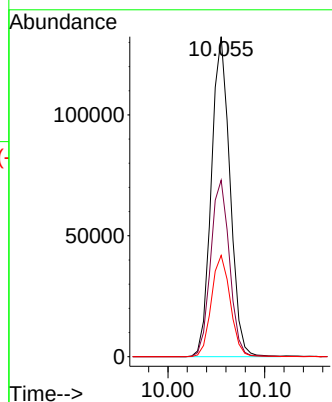
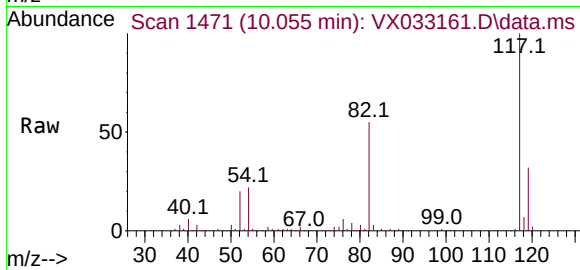
Tgt Ion:117 Resp: 176887

Ion Ratio Lower Upper

117 100

82 55.1 44.3 66.5

119 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 0.210 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX033161.D

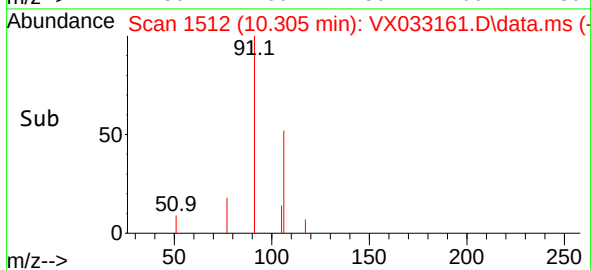
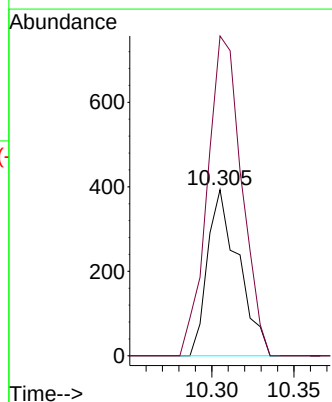
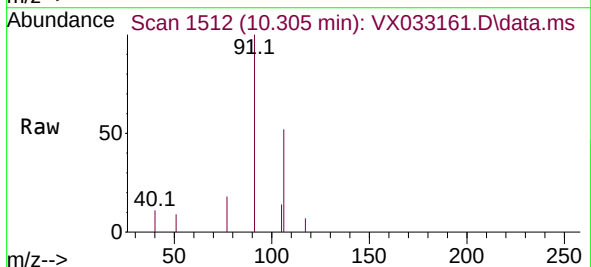
Acq: 01 Dec 2022 14:23

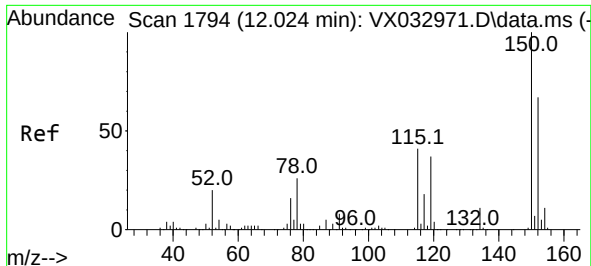
Tgt Ion:106 Resp: 515

Ion Ratio Lower Upper

106 100

91 213.4 164.5 246.7

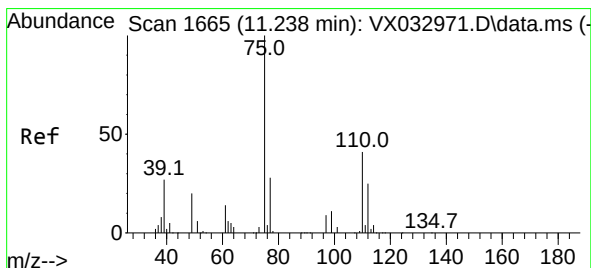
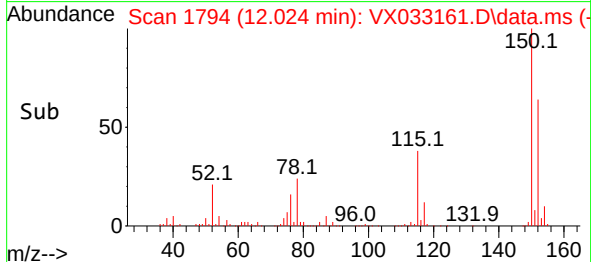
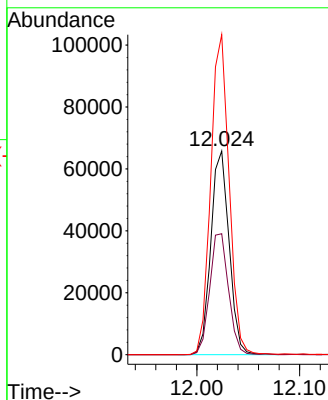
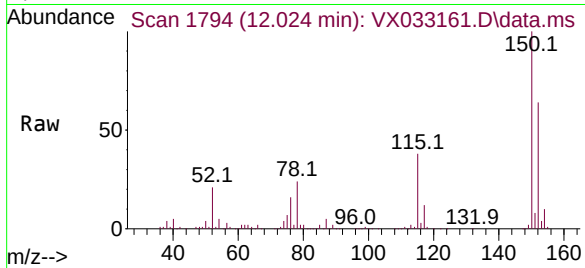




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

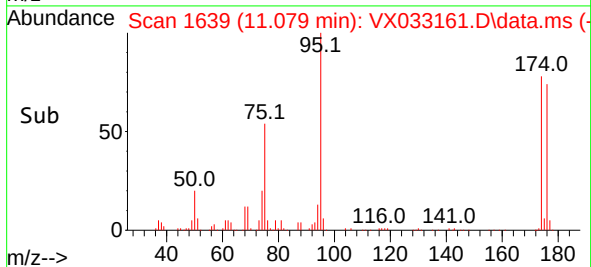
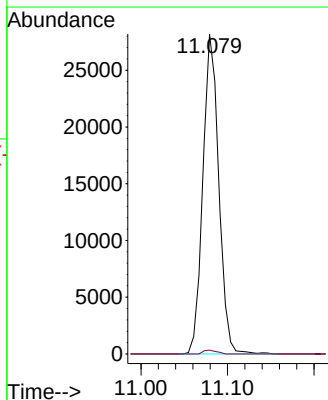
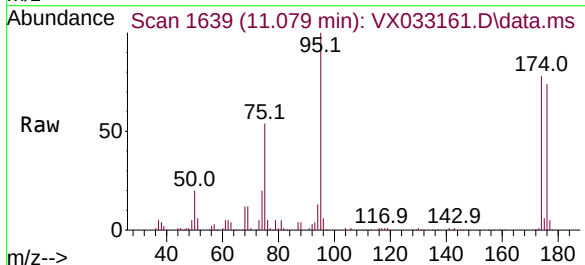
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-02-11302022

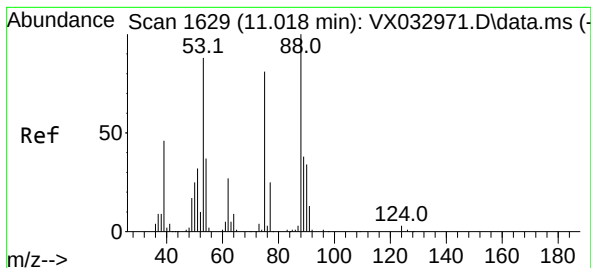
Tgt Ion:152 Resp: 81432
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033161.D
Acq: 01 Dec 2022 14:23

Tgt Ion: 75 Resp: 35998
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

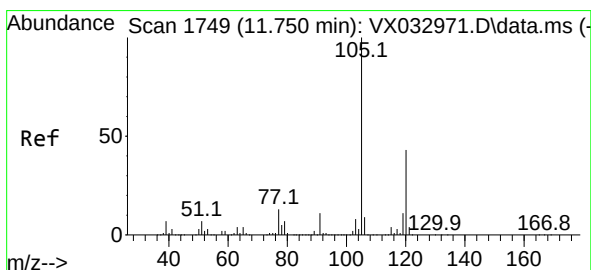
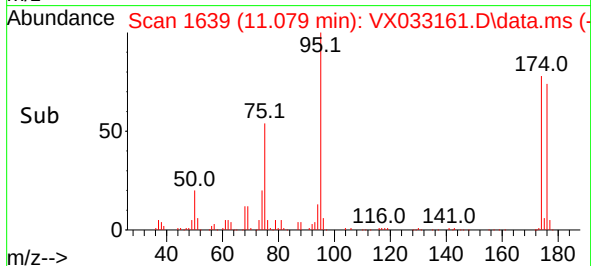
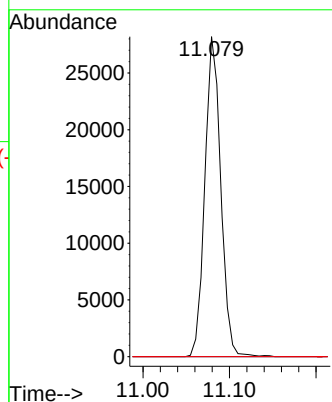
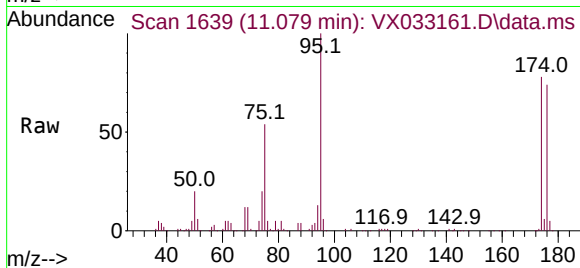




#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.873 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033161.D
 Acq: 01 Dec 2022 14:23

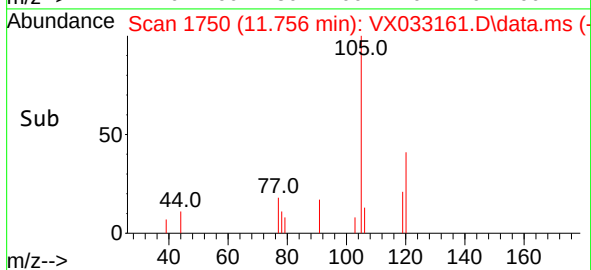
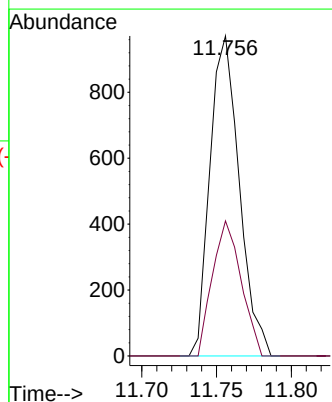
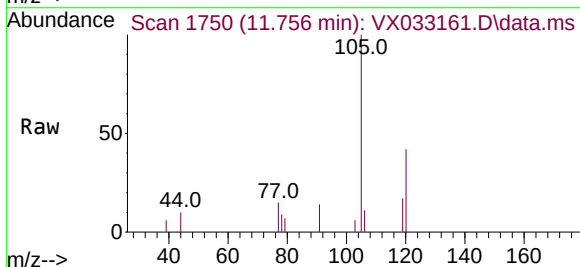
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-02-11302022

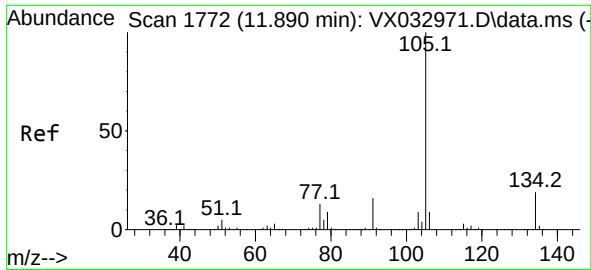
Tgt Ion: 75 Resp: 35998
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.272 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033161.D
 Acq: 01 Dec 2022 14:23

Tgt Ion: 105 Resp: 1326
 Ion Ratio Lower Upper
 105 100
 120 41.2 21.9 65.5





#85

sec-Butylbenzene

Concen: 0.228 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.134 min

Lab File: VX033161.D

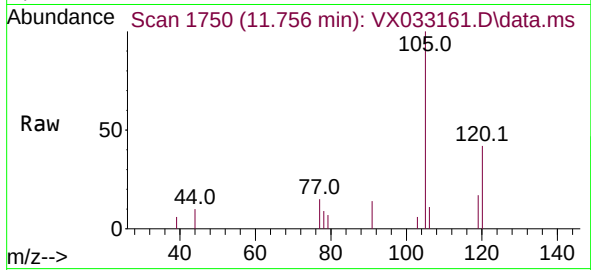
Acq: 01 Dec 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

RW9-PT-OUT-02-11302022



Tgt Ion:105 Resp: 1326

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#

