

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033105.D
 Acq On : 29 Nov 2022 10:08
 Operator : JC/MD
 Sample : VX1129WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBL01

Quant Time: Nov 30 00:58:46 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	5.550	168	138034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72914	54.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.660%
35) Dibromofluoromethane	5.391	113	58198	46.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	199124	52.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.140%
62) 4-Bromofluorobenzene	11.079	95	70738	42.686	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.380%

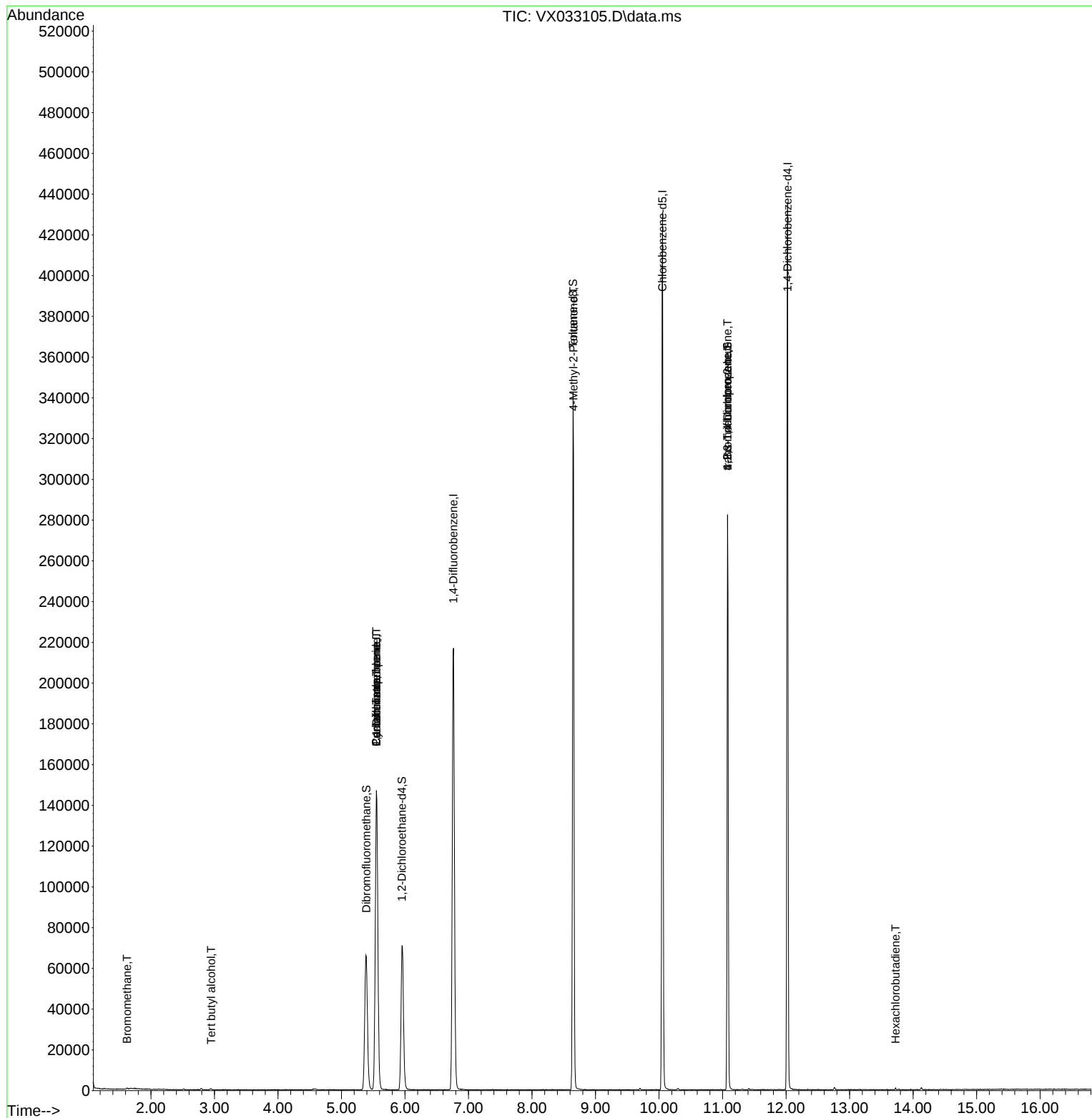
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	206	0.219	ug/l #	62
11) Tert butyl alcohol	2.947	59	298	1.398	ug/l #	72
20) Methylene Chloride	2.794	84	338	Below Cal		90
31) Cyclohexane	5.550	56	2897	1.330	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10754	5.331	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14165	6.330	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	851	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38560	22.678	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38560	73.716	ug/l #	6
94) Hexachlorobutadiene	13.725	225	203	0.259	ug/l	84

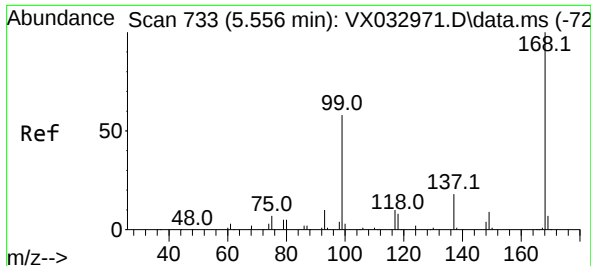
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
Data File : VX033105.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Nov 30 00:58:46 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

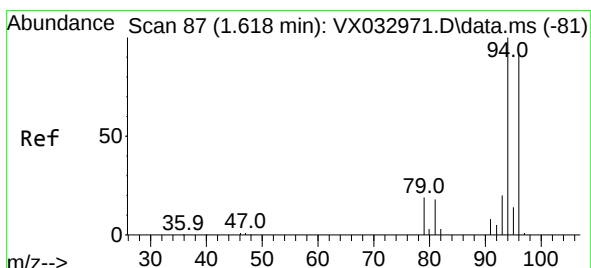
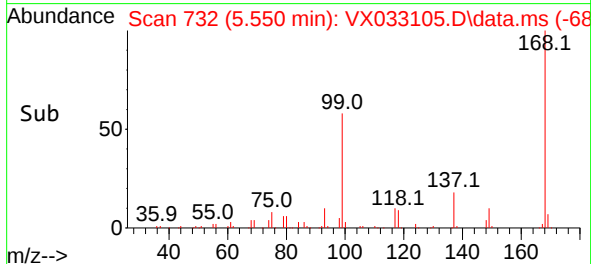
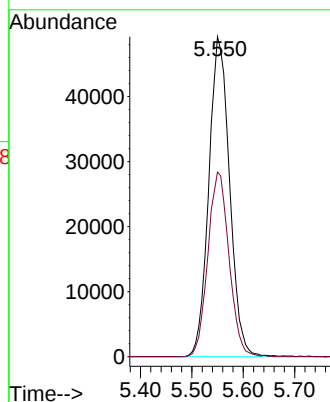
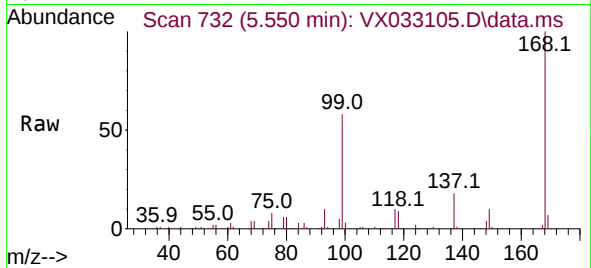




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

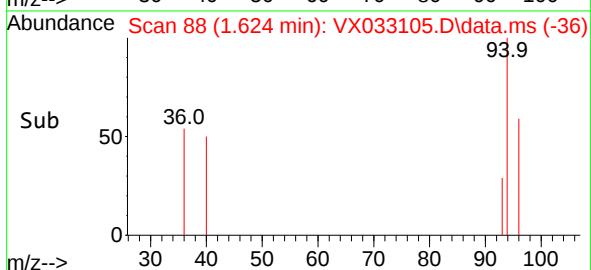
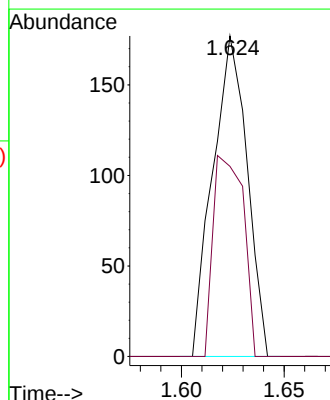
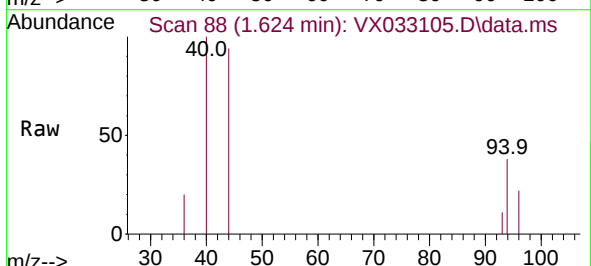
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

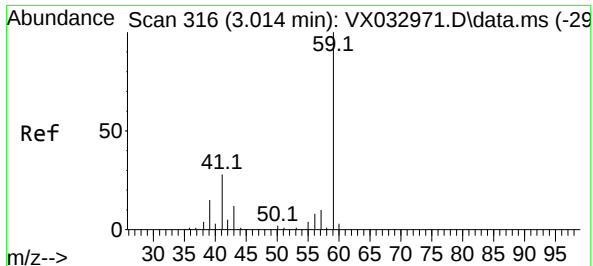
Tgt Ion:168 Resp: 138034
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#5
Bromomethane
Concen: 0.219 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.019 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 59.3 77.6 116.4#





#11

Tert butyl alcohol

Concen: 1.398 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033105.D

Acq: 29 Nov 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

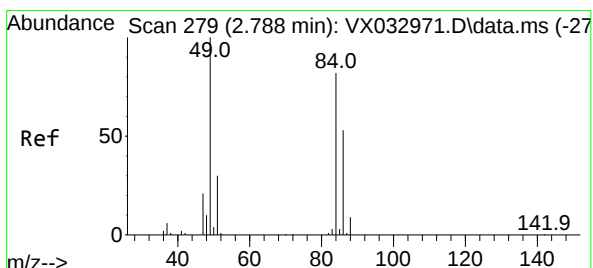
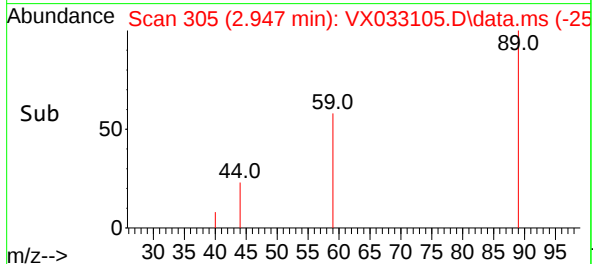
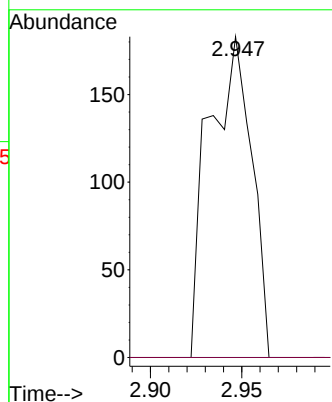
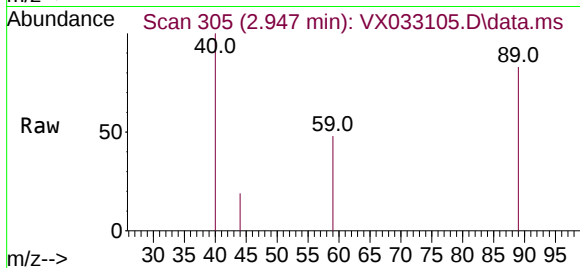
VX1129WBL01

Tgt Ion: 59 Resp: 298

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033105.D

Acq: 29 Nov 2022 10:08

Tgt Ion: 84 Resp: 338

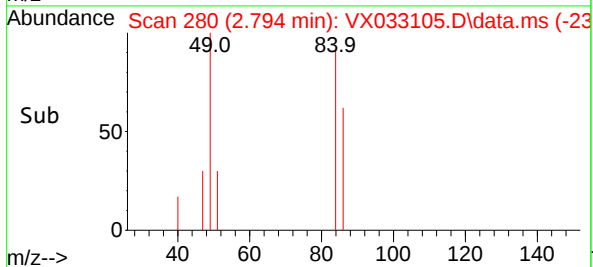
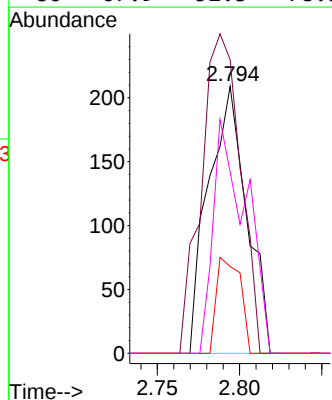
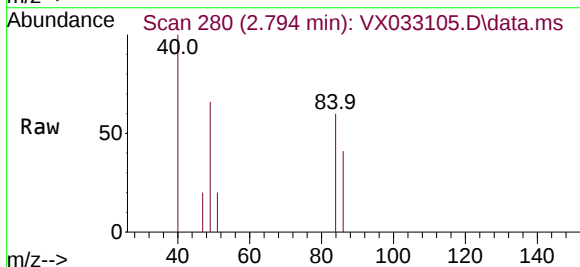
Ion Ratio Lower Upper

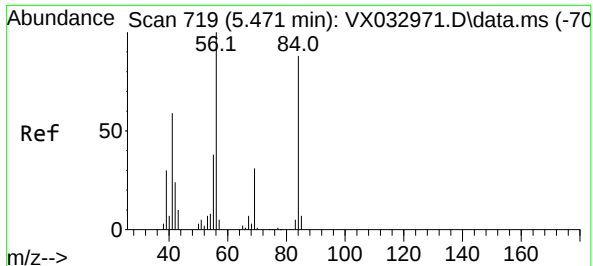
84 100

49 110.0 101.0 151.6

51 32.5 31.1 46.7

86 67.9 52.3 78.5

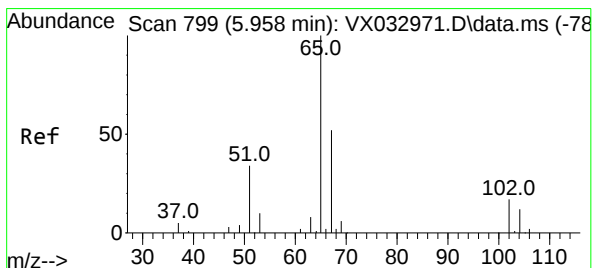
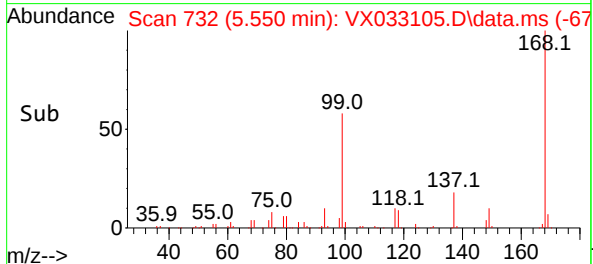
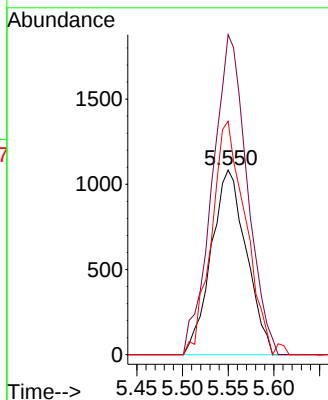
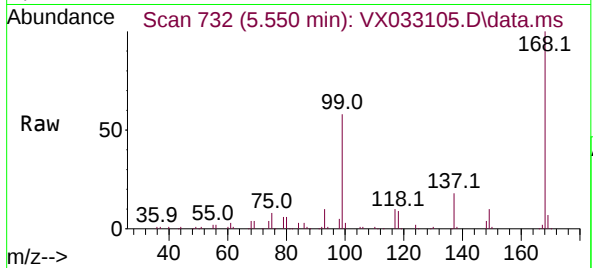




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

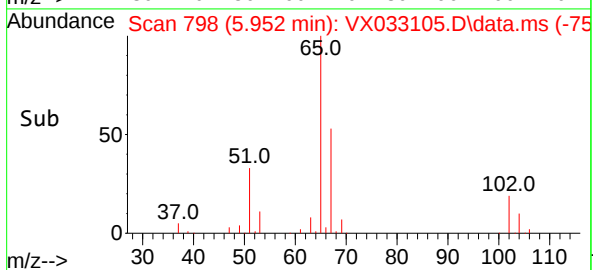
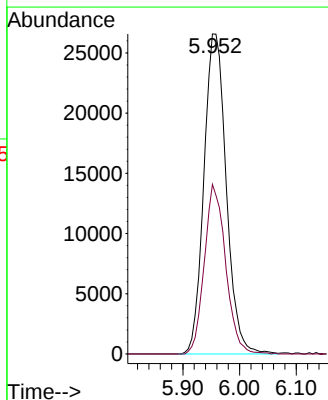
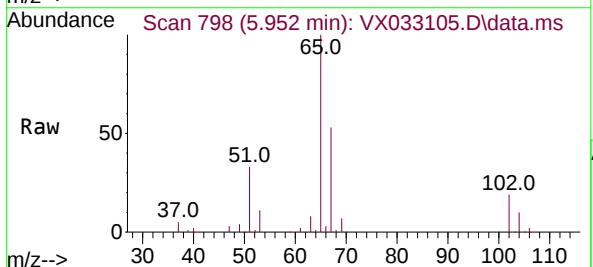
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

Tgt Ion: 56 Resp: 2897
Ion Ratio Lower Upper
56 100
69 173.2 24.1 36.1#
84 126.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.330 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion: 65 Resp: 72914
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

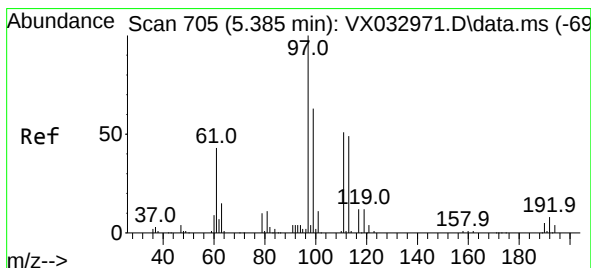
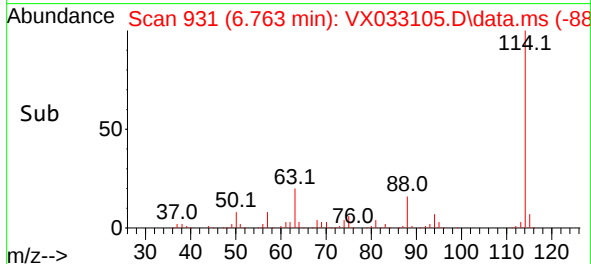
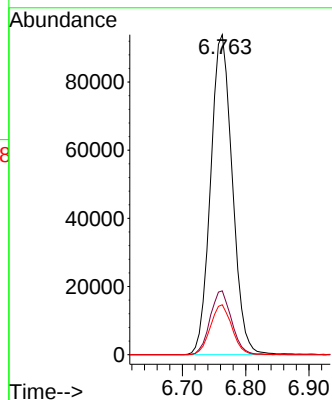
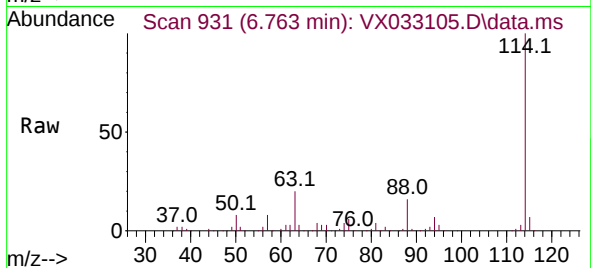




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

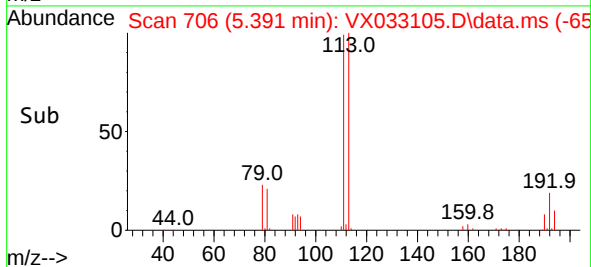
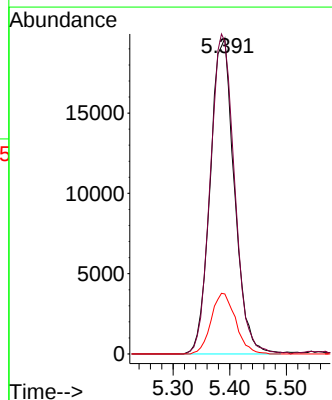
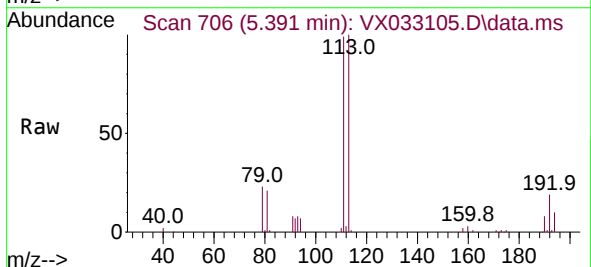
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

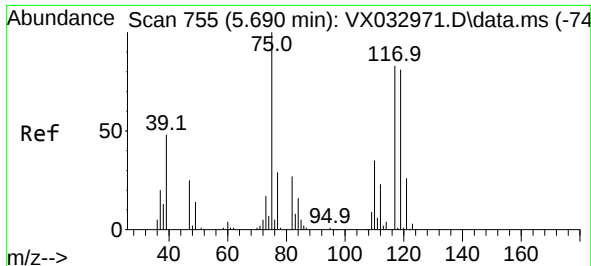
Tgt Ion:114 Resp: 223772
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.132 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion:113 Resp: 58198
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.331 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033105.D

Acq: 29 Nov 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBL01

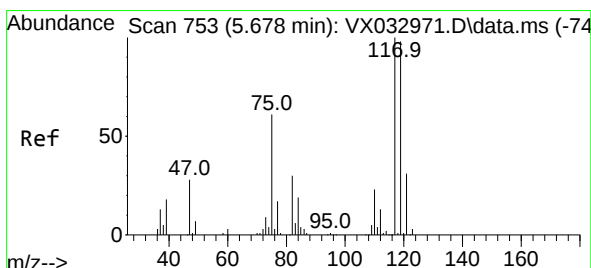
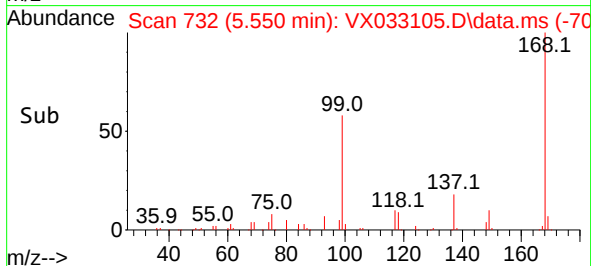
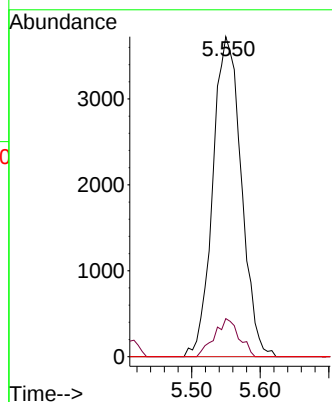
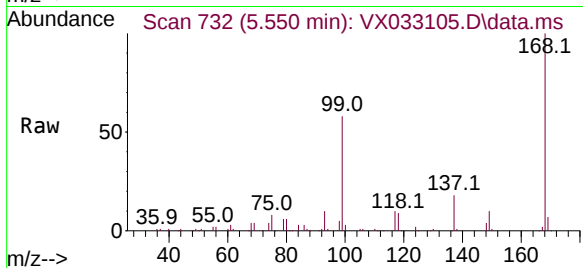
Tgt Ion: 75 Resp: 10754

Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033105.D

Acq: 29 Nov 2022 10:08

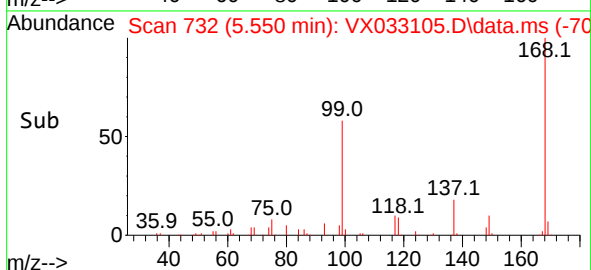
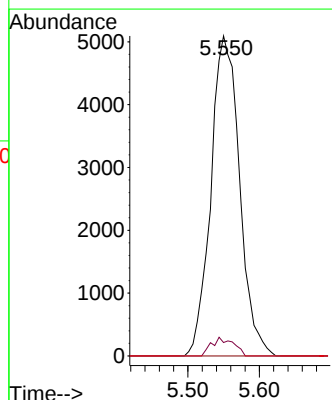
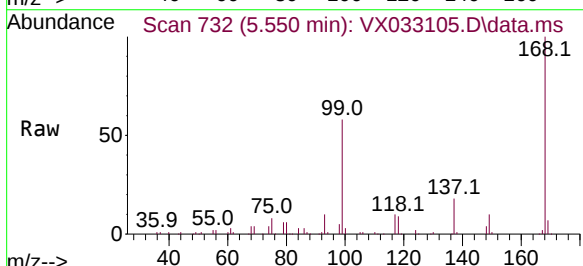
Tgt Ion: 117 Resp: 14165

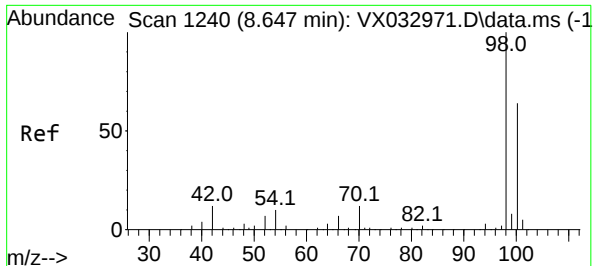
Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

121 0.0 25.8 38.6#

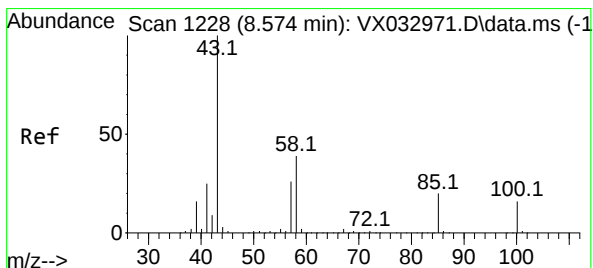
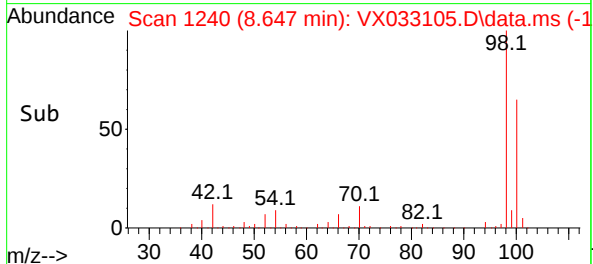
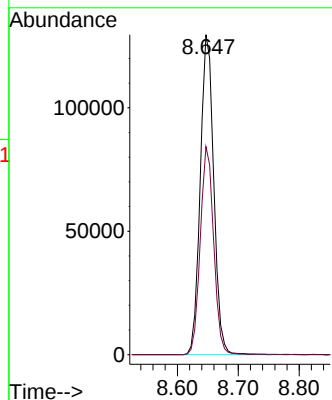
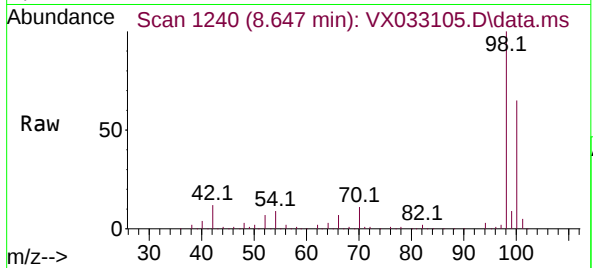




#50
Toluene-d8
Concen: 52.571 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

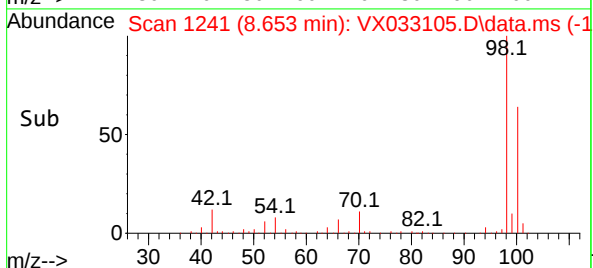
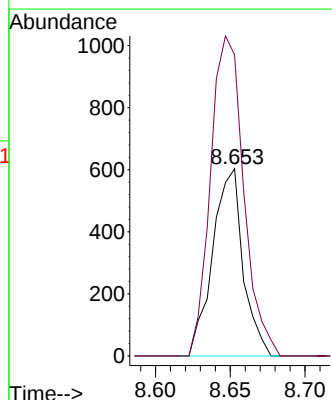
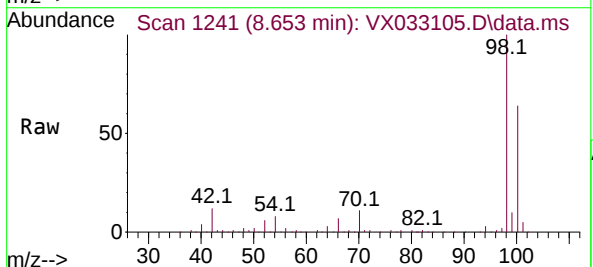
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

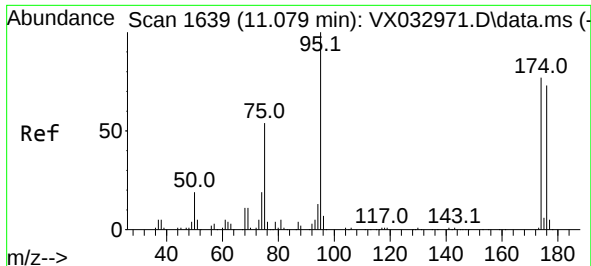
Tgt Ion: 98 Resp: 199124
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 186.7 30.9 46.3#

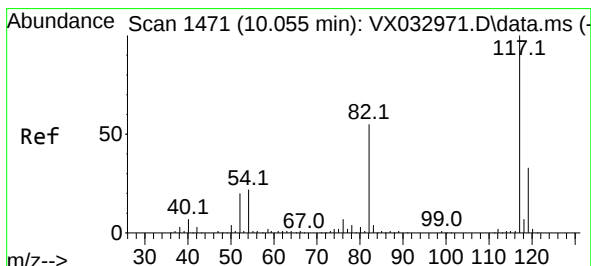
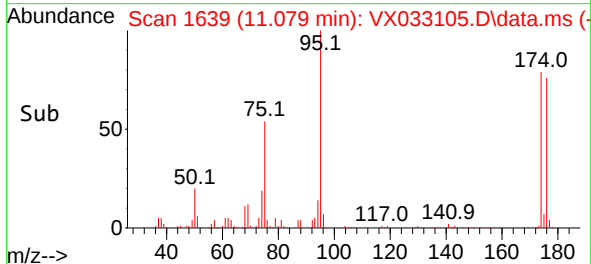
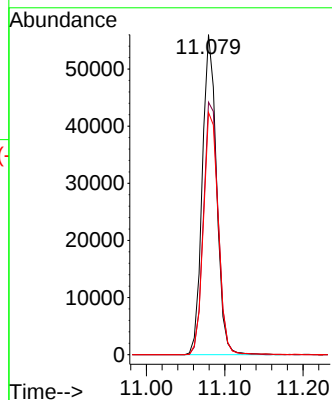
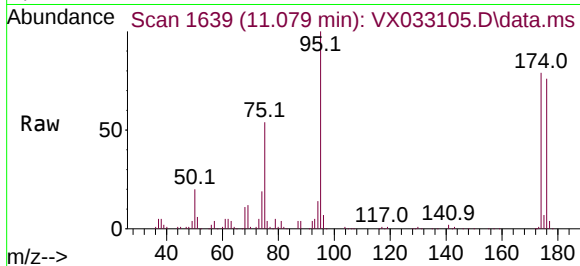




#62
4-Bromofluorobenzene
Concen: 42.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

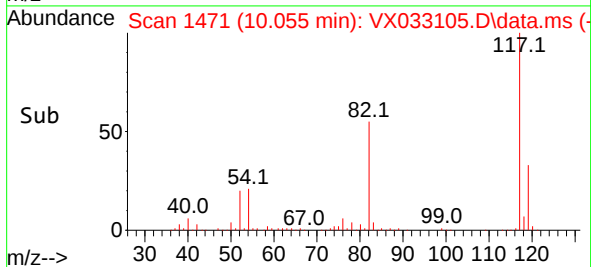
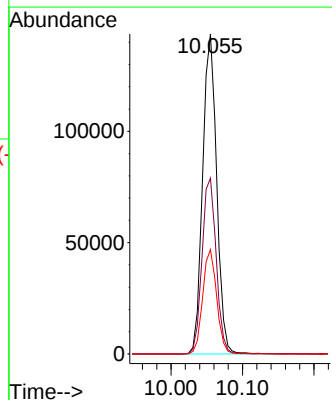
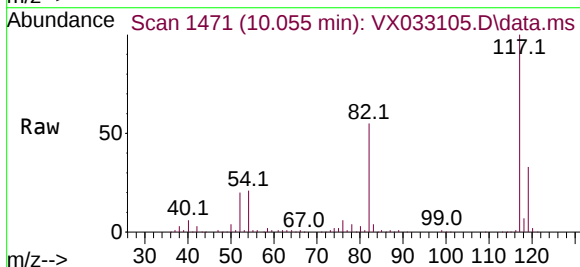
Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

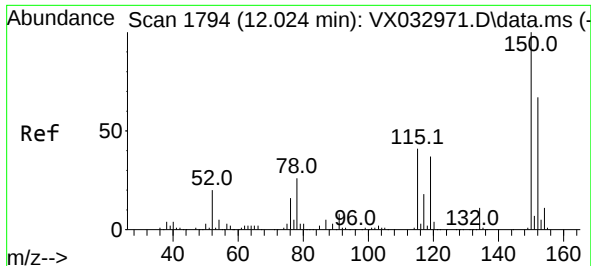
Tgt Ion: 95 Resp: 70738
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion: 117 Resp: 195692
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.6 25.7 38.5

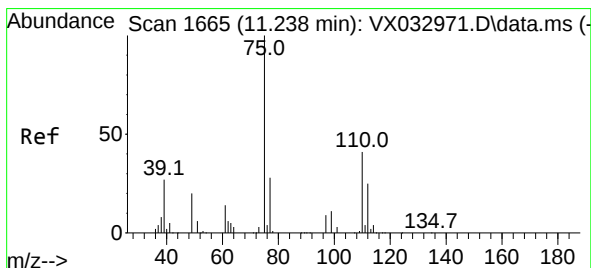
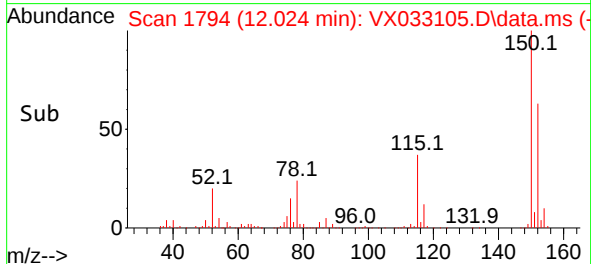
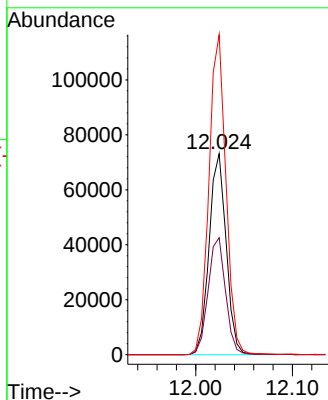
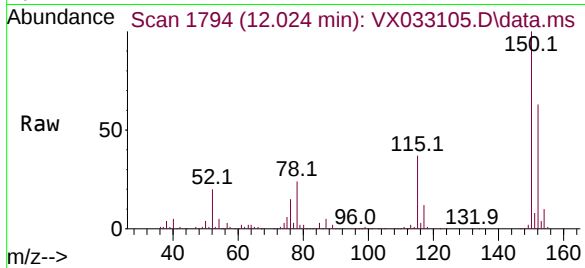




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033105.D
 Acq: 29 Nov 2022 10:08

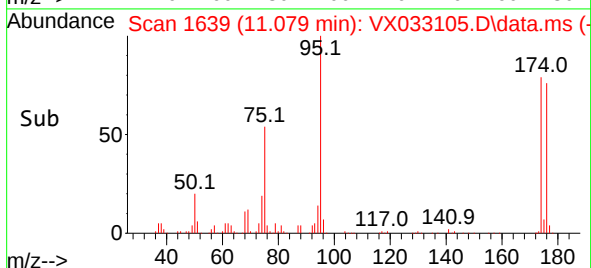
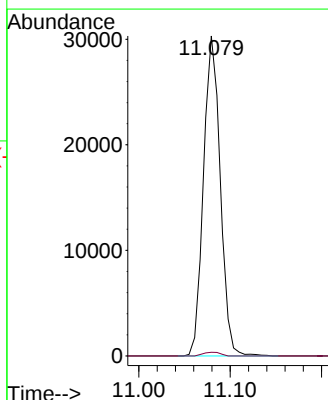
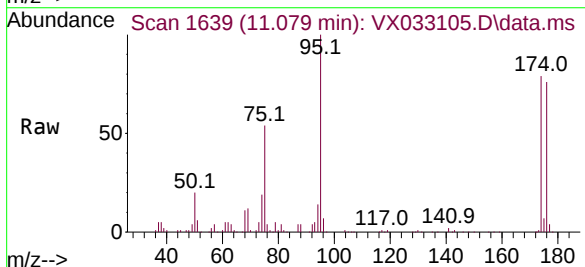
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBL01

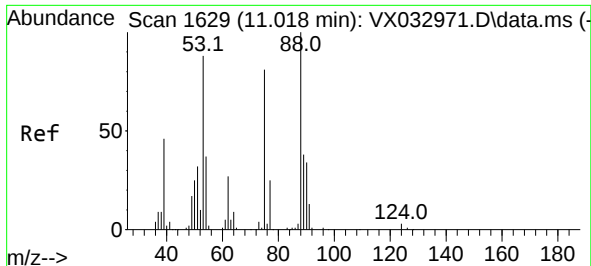
Tgt Ion:152 Resp: 89780
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 158.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.678 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033105.D
 Acq: 29 Nov 2022 10:08

Tgt Ion: 75 Resp: 38560
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 60.0#

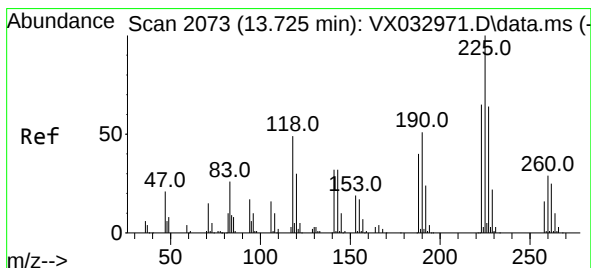
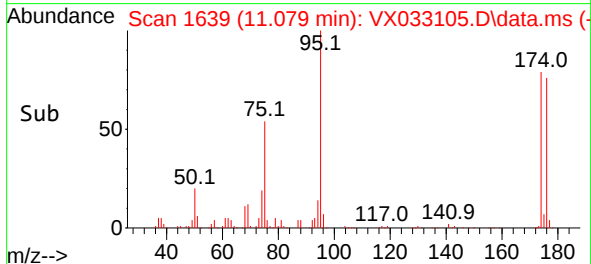
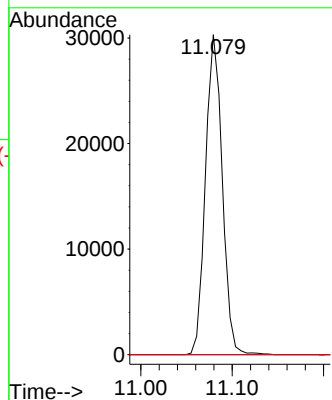
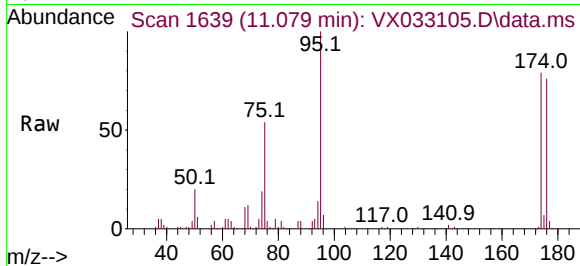




#81
trans-1,4-Dichloro-2-butene
Concen: 73.716 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBL01

Tgt Ion: 75 Resp: 38560
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.259 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033105.D
Acq: 29 Nov 2022 10:08

Tgt Ion: 225 Resp: 203
Ion Ratio Lower Upper
225 100
223 48.3 31.9 95.9
227 73.4 31.9 95.5

