

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033198.D
 Acq On : 02 Dec 2022 20:02
 Operator : JC/MD
 Sample : N5841-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13I

Quant Time: Dec 03 04:36:38 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	103041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57377	57.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.900%
35) Dibromofluoromethane	5.385	113	46325	48.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	8.647	98	150387	52.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.520%
62) 4-Bromofluorobenzene	11.079	95	56336	45.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%

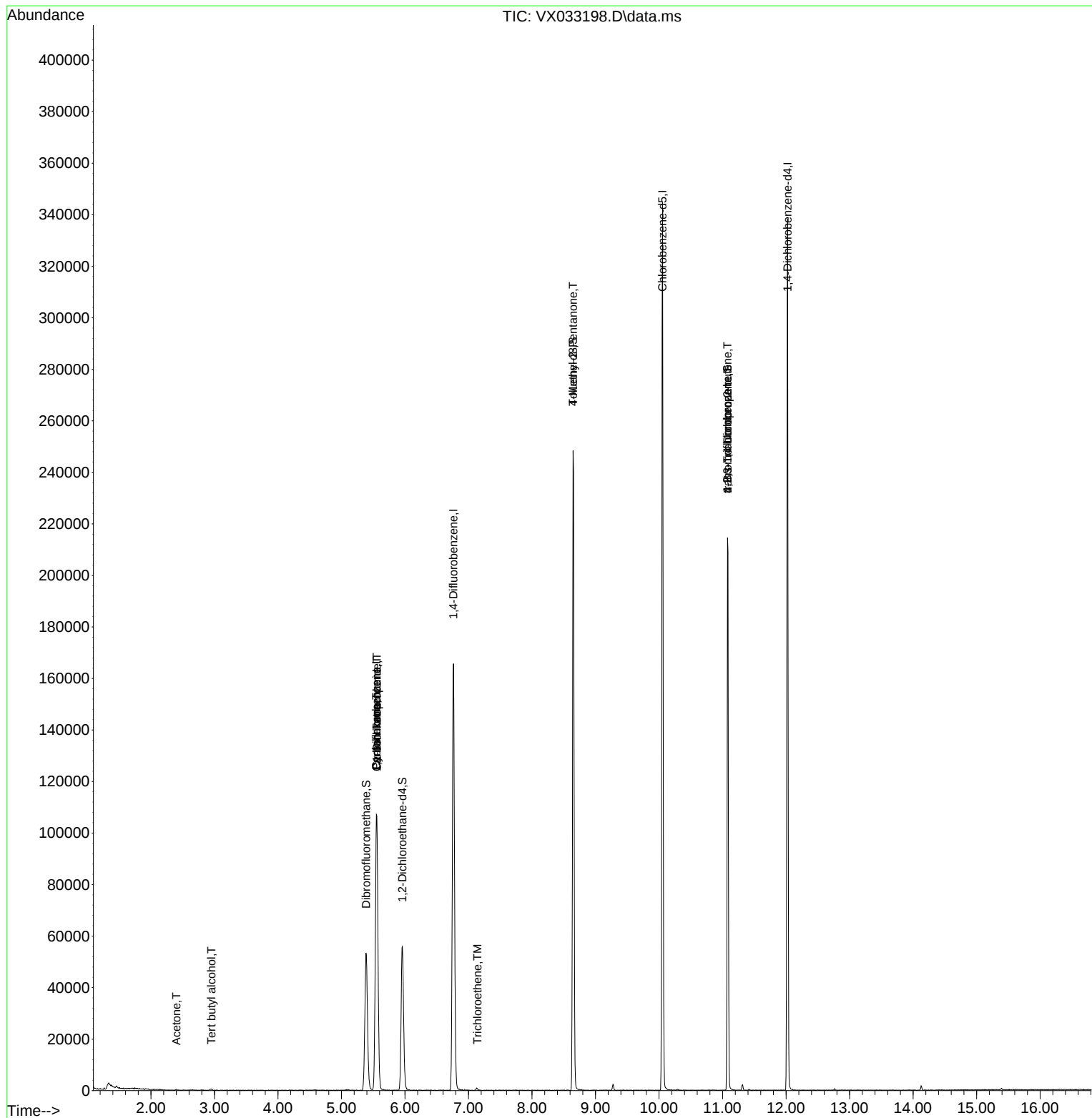
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	311	1.955	ug/l #	72
16) Acetone	2.398	43	360	0.768	ug/l #	45
20) Methylene Chloride	2.788	84	110	Below Cal	#	62
31) Cyclohexane	5.550	56	2210	1.359	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	8168	5.380	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10571	6.276	ug/l #	14
44) Trichloroethene	7.141	130	326	0.273	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	678	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30472	22.871	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30472	74.341	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
Data File : VX033198.D
Acq On : 02 Dec 2022 20:02
Operator : JC/MD
Sample : N5841-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

Quant Time: Dec 03 04:36:38 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

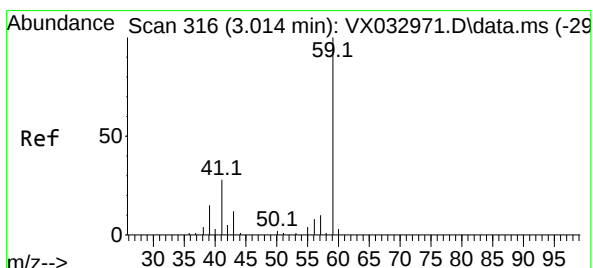
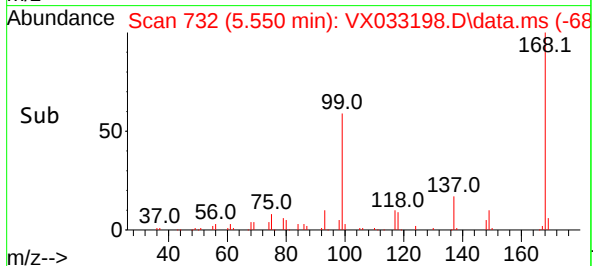
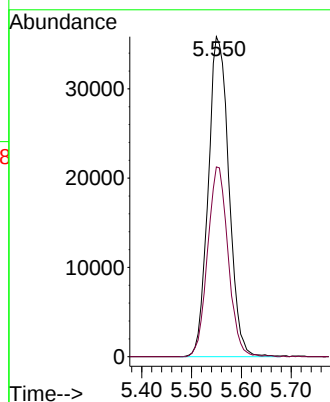
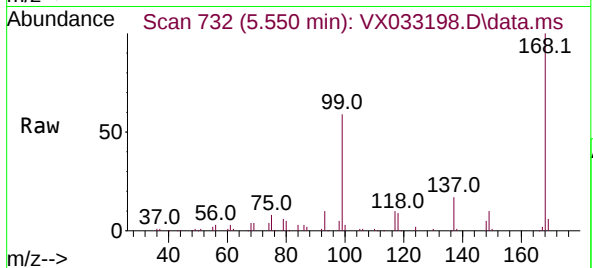




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

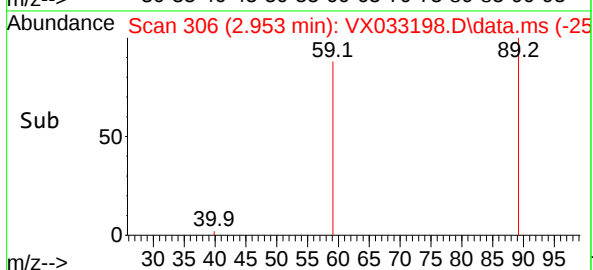
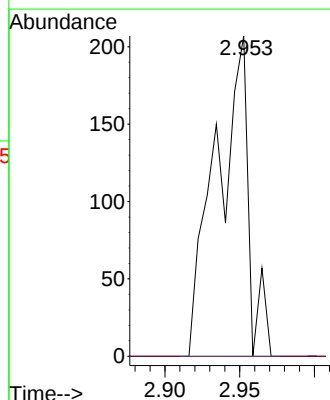
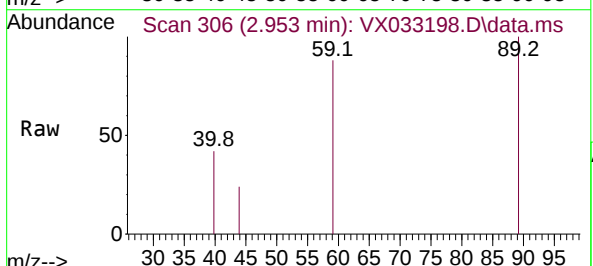
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

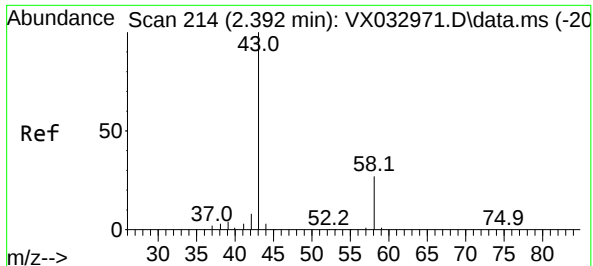
Tgt Ion:168 Resp: 103041
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.955 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

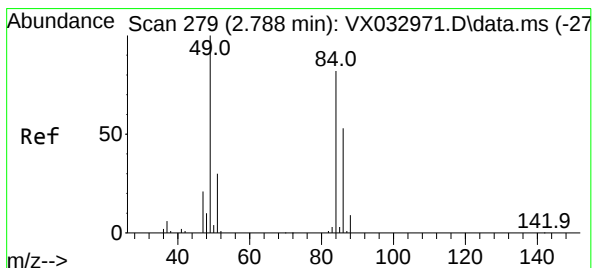
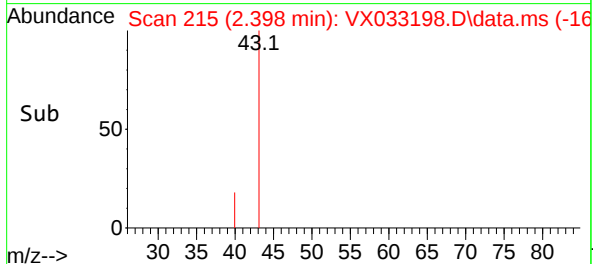
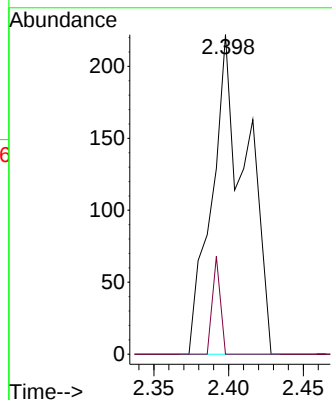
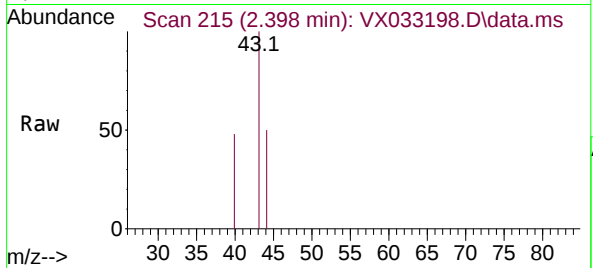




#16
Acetone
Concen: 0.768 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

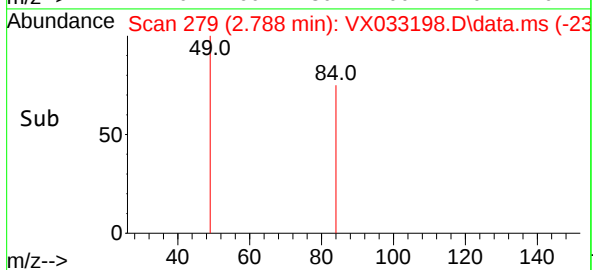
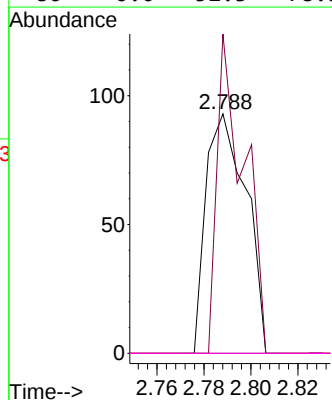
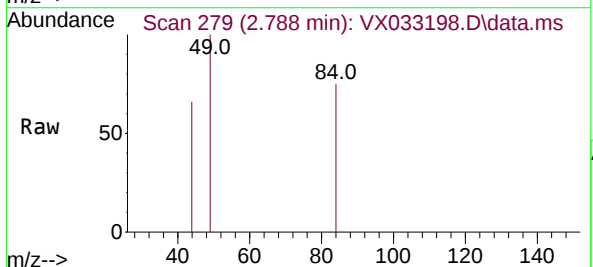
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

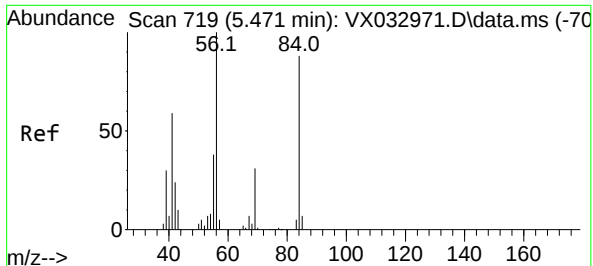
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion: 84 Resp: 110
Ion Ratio Lower Upper
84 100
49 133.3 101.0 151.6
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#

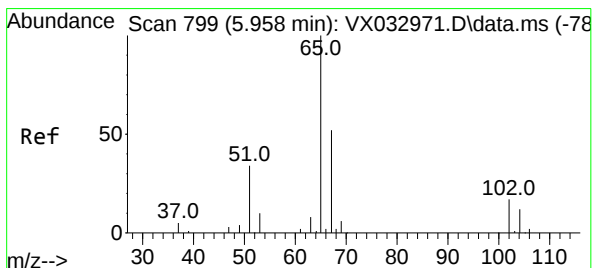
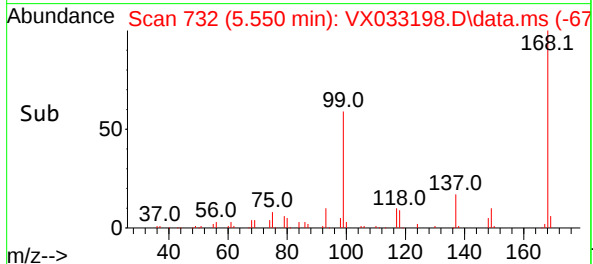
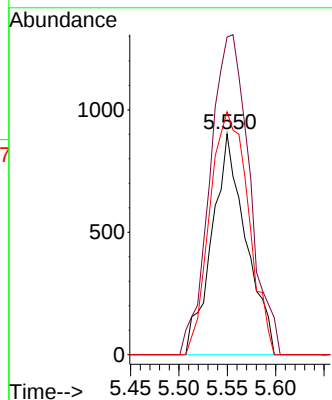
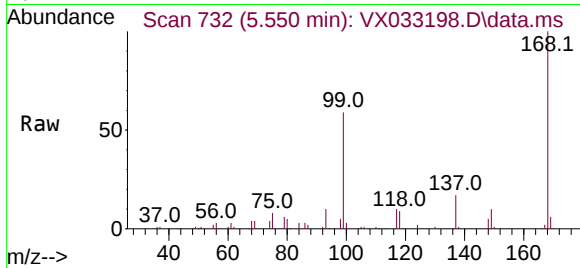




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

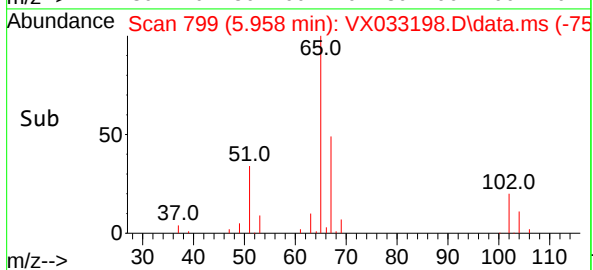
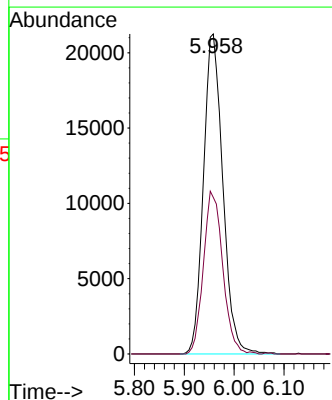
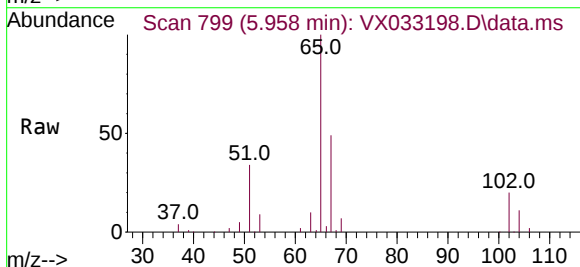
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

Tgt Ion: 56 Resp: 2210
Ion Ratio Lower Upper
56 100
69 144.0 24.1 36.1#
84 110.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.453 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion: 65 Resp: 57377
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

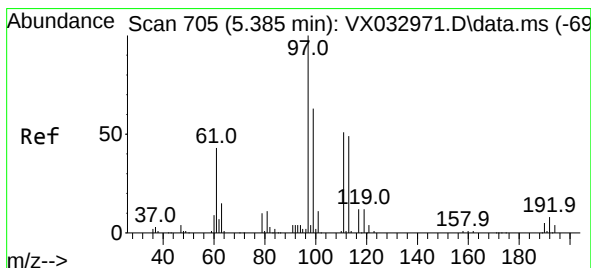
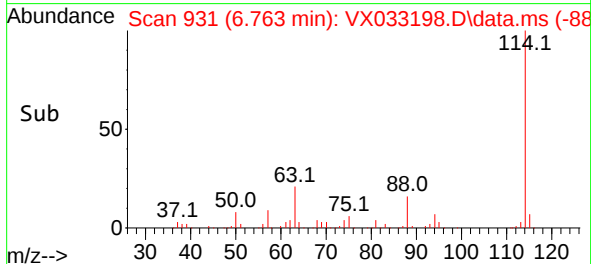
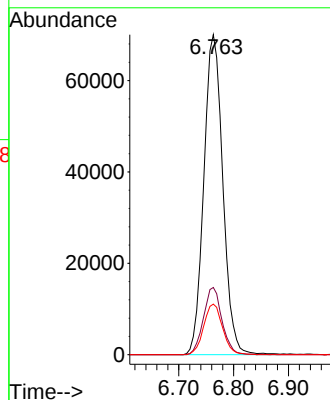
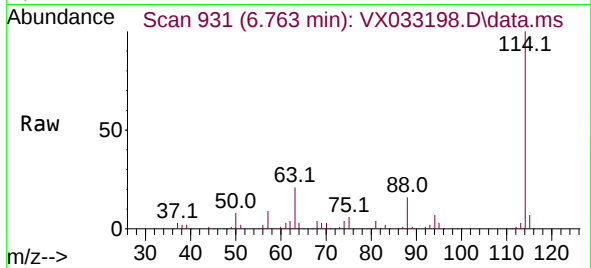




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

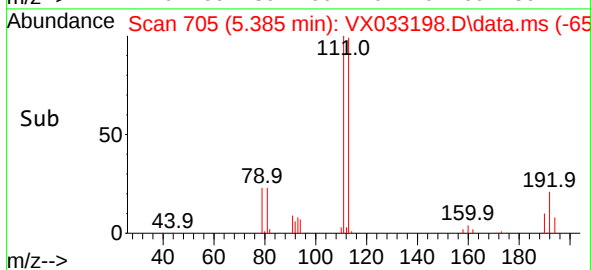
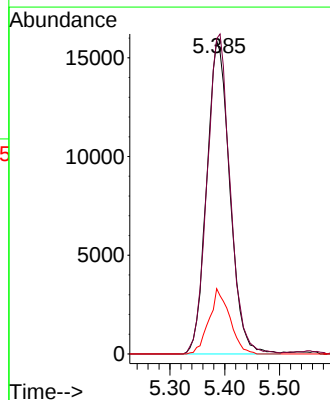
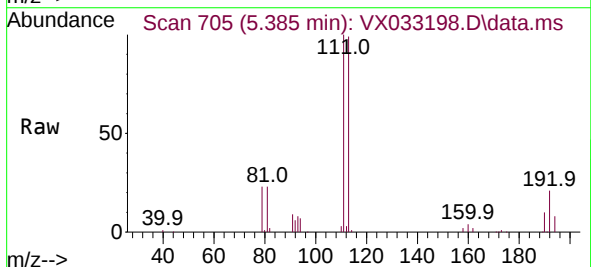
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

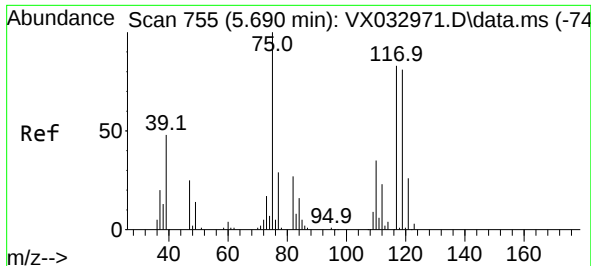
Tgt Ion:114 Resp: 168434
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion:113 Resp: 46325
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.7 15.4 23.2

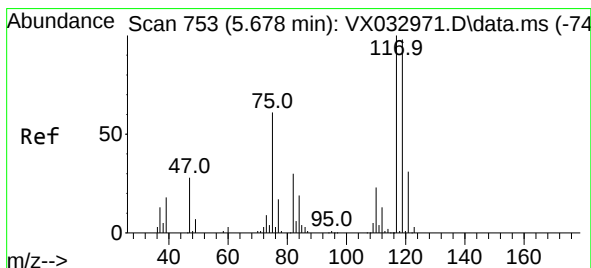
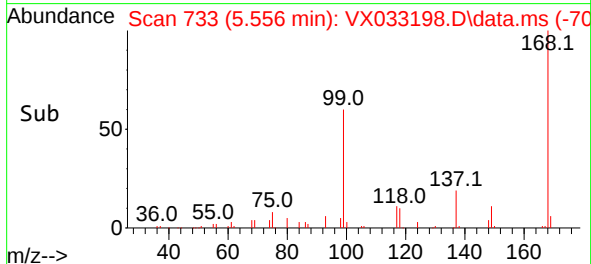
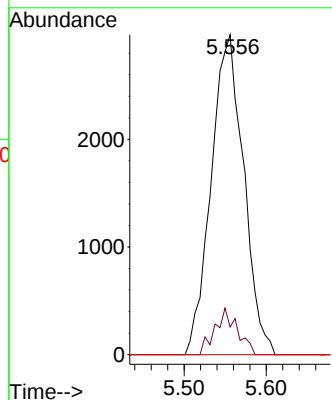
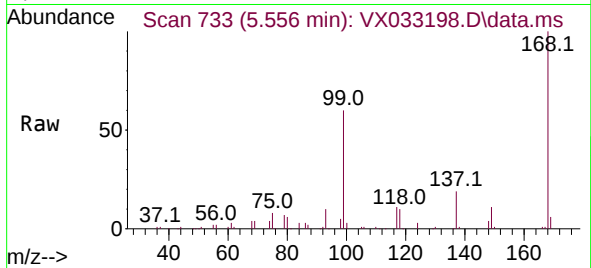




#36
1,1-Dichloropropene
Concen: 5.380 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

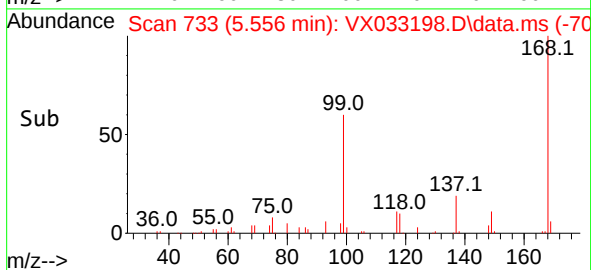
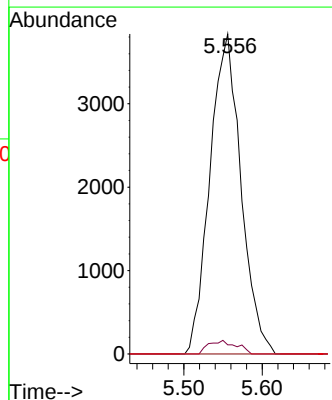
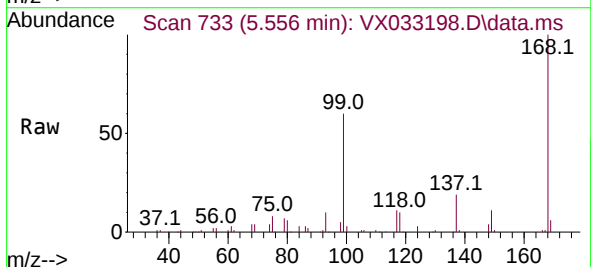
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

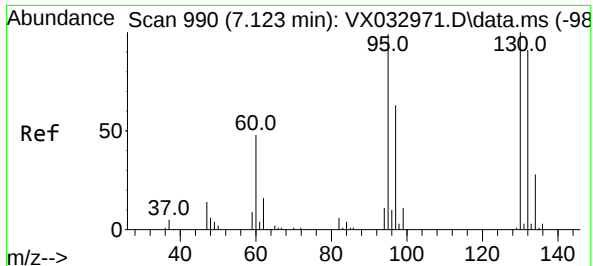
Tgt Ion: 75 Resp: 8168
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion: 117 Resp: 10571
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 25.8 38.6#

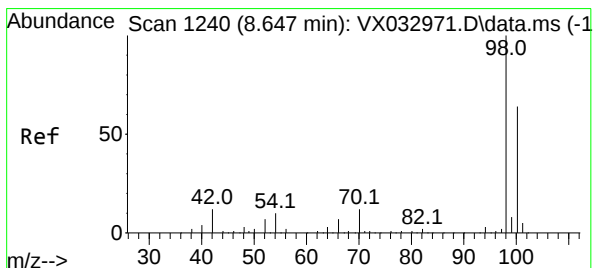
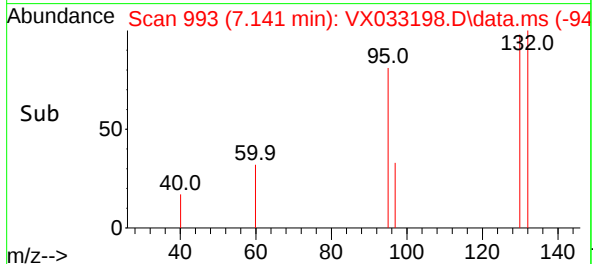
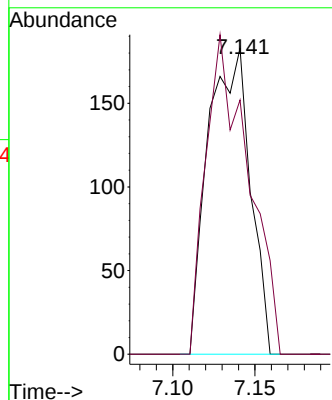
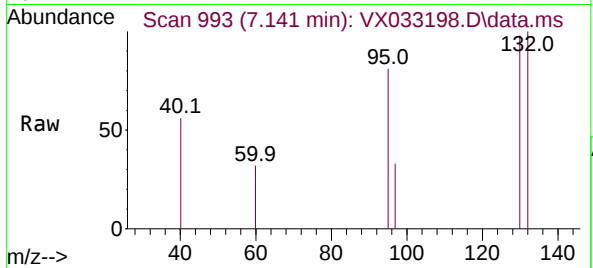




#44
 Trichloroethene
 Concen: 0.273 ug/l
 RT: 7.141 min Scan# 990
 Delta R.T. 0.012 min
 Lab File: VX033198.D
 Acq: 02 Dec 2022 20:02

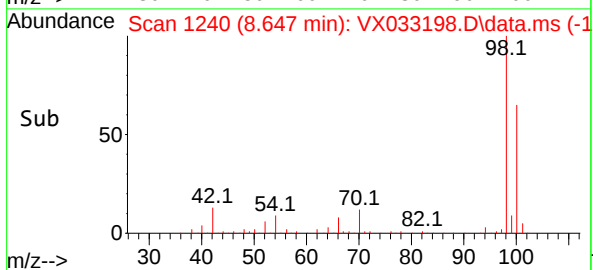
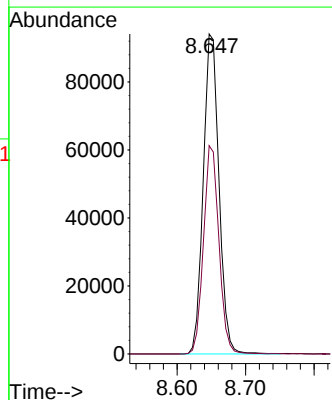
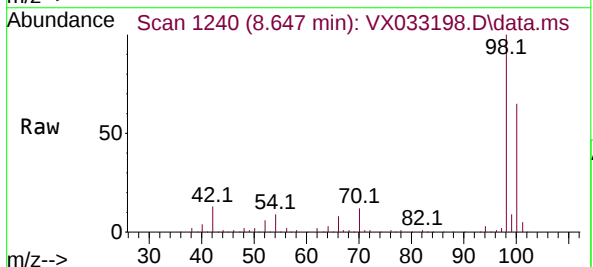
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13I

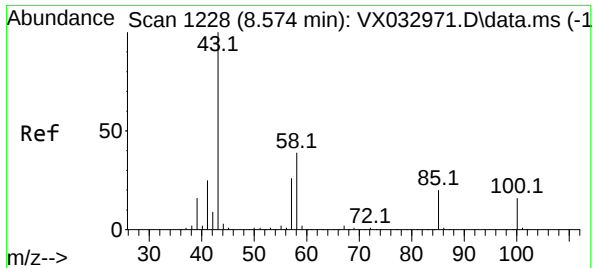
Tgt Ion:130 Resp: 326
 Ion Ratio Lower Upper
 130 100
 95 83.1 0.0 195.2



#50
 Toluene-d8
 Concen: 52.756 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033198.D
 Acq: 02 Dec 2022 20:02

Tgt Ion: 98 Resp: 150387
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.502 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033198.D

Acq: 02 Dec 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

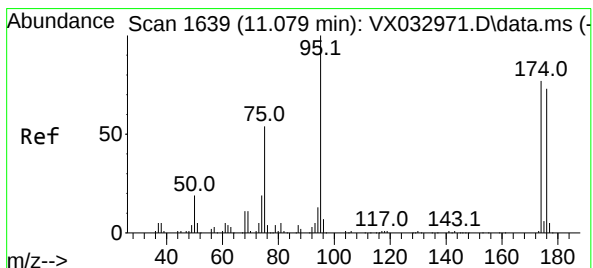
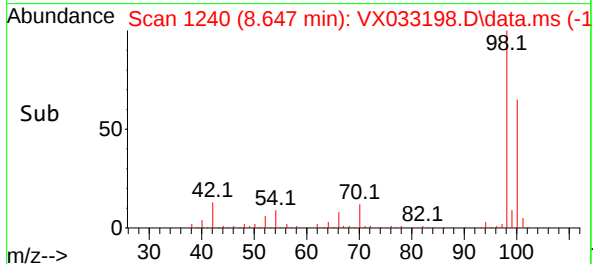
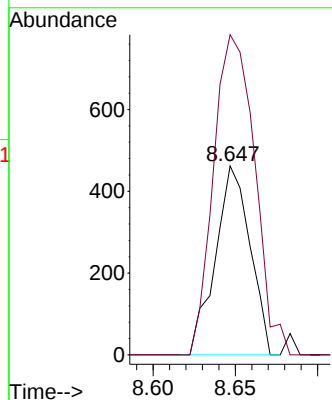
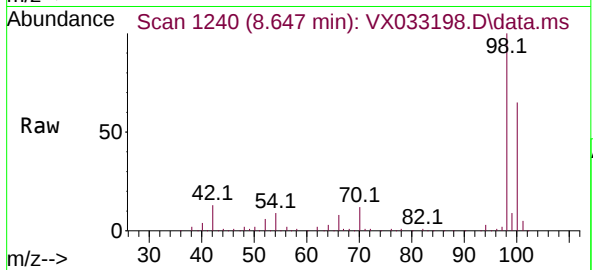
LEA-13I

Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

58 201.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033198.D

Acq: 02 Dec 2022 20:02

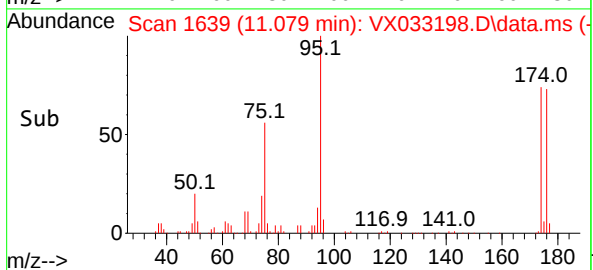
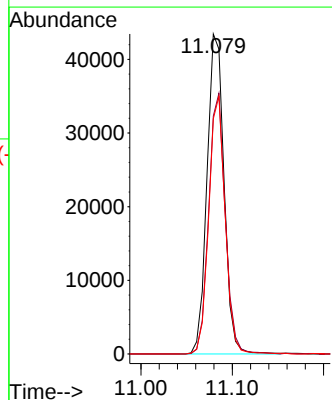
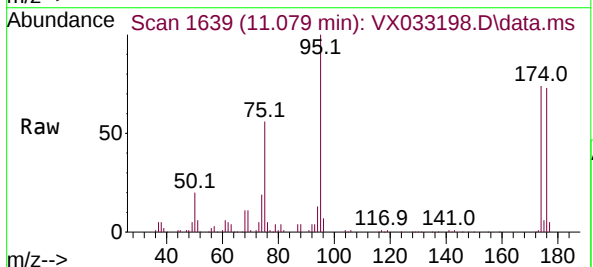
Tgt Ion: 95 Resp: 56336

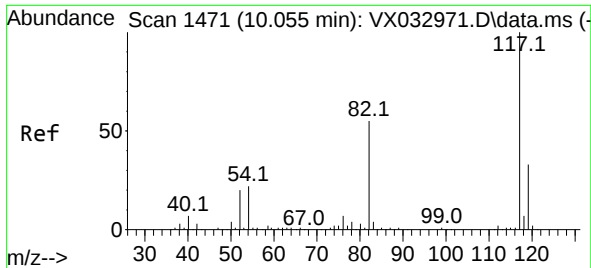
Ion Ratio Lower Upper

95 100

174 79.3 0.0 164.0

176 77.4 0.0 154.4

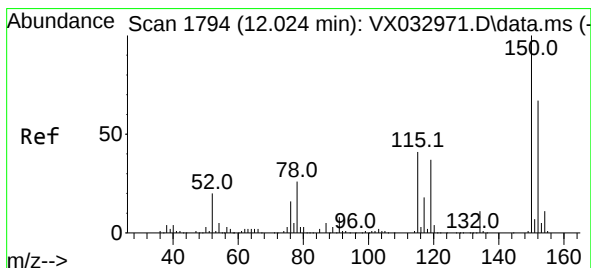
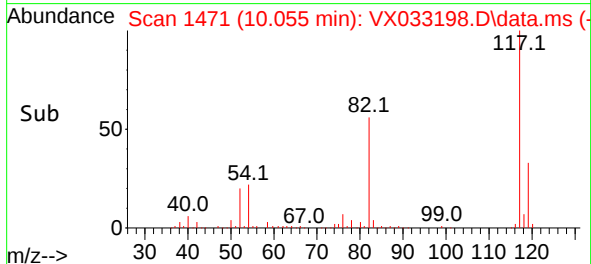
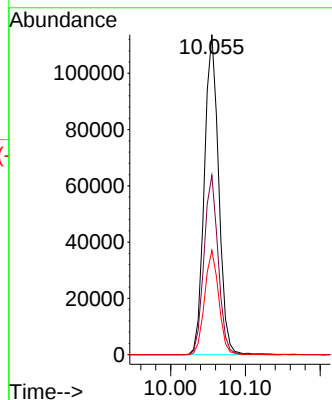
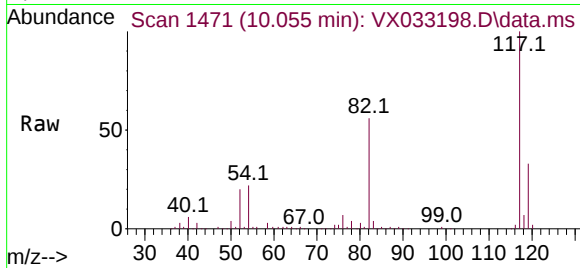




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

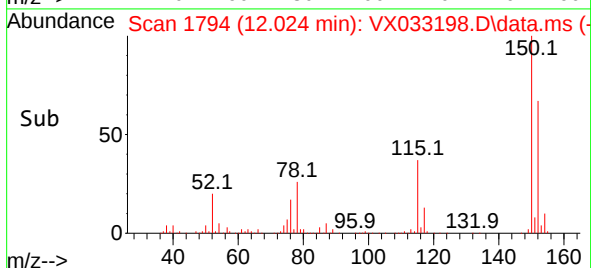
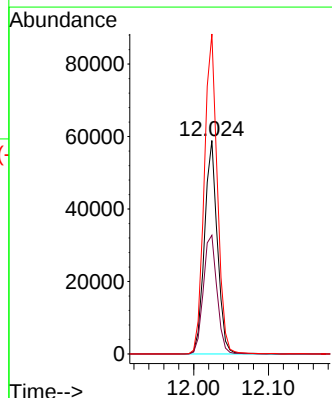
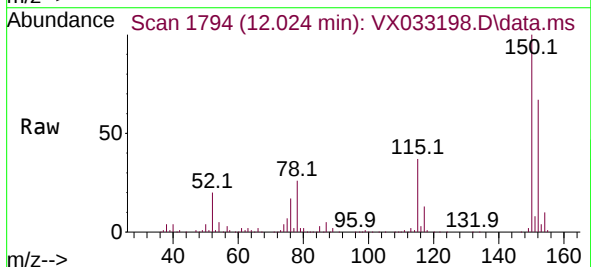
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

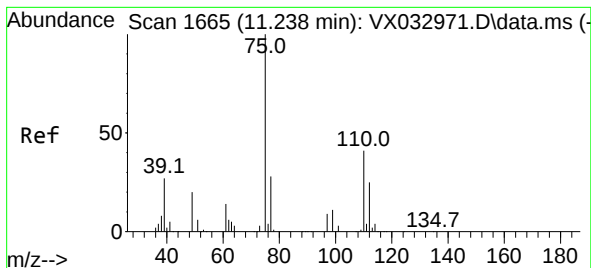
Tgt Ion:117 Resp: 151366
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033198.D
Acq: 02 Dec 2022 20:02

Tgt Ion:152 Resp: 70352
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 152.5 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 22.871 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX033198.D

Acq: 02 Dec 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

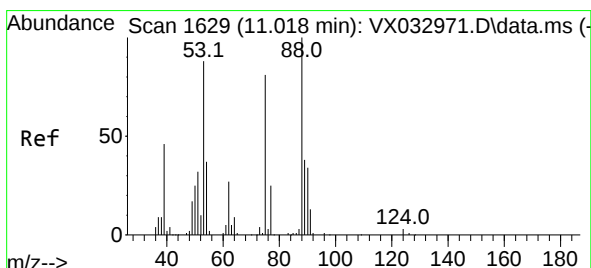
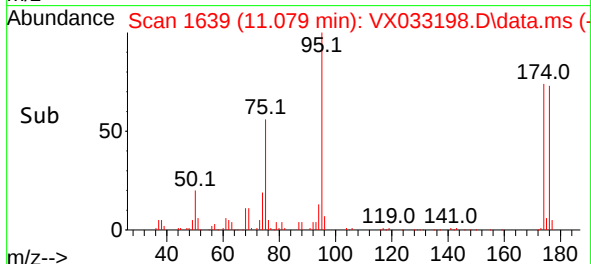
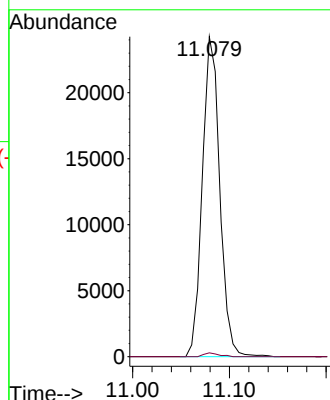
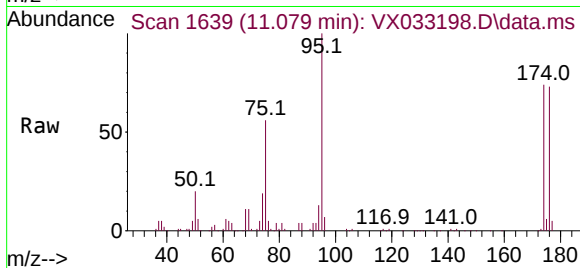
LEA-13I

Tgt Ion: 75 Resp: 30472

Ion Ratio Lower Upper

75 100

77 1.0 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.341 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033198.D

Acq: 02 Dec 2022 20:02

Tgt Ion: 75 Resp: 30472

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

