

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035488.D
 Acq On : 02 May 2023 18:42
 Operator : JC/MD
 Sample : 02533-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11D

Quant Time: May 03 03:17:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133616	48.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	114273	50.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	428518	50.300	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	165095	51.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%

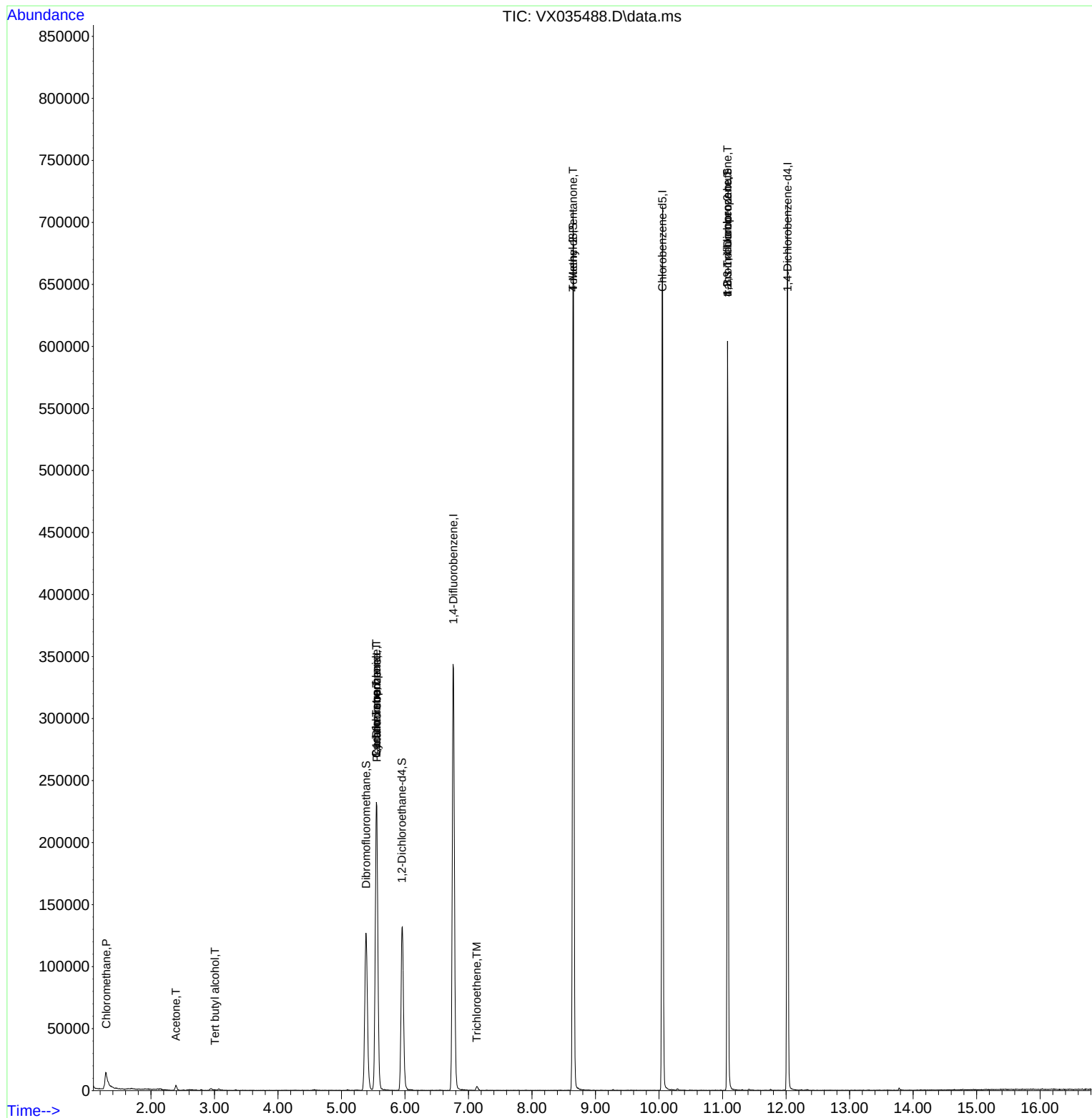
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	900	0.413	ug/l #	42
11) Tert butyl alcohol	3.007	59	165	0.332	ug/l #	73
16) Acetone	2.392	43	5065	4.272	ug/l	98
31) Cyclohexane	5.550	56	3894	1.005	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	16394	4.649	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22795	6.809	ug/l #	18
44) Trichloroethene	7.129	130	1329	0.477	ug/l	70
51) 4-Methyl-2-Pentanone	8.647	43	1716	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80266	25.651	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80266	83.080	ug/l #	8

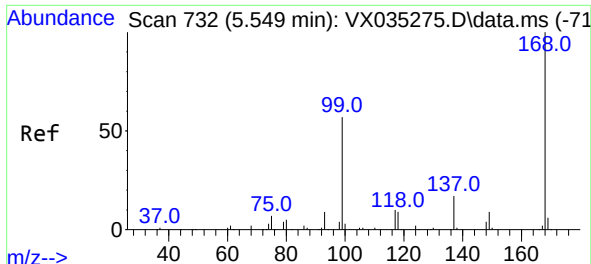
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

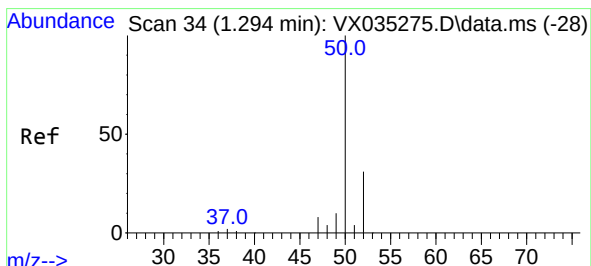
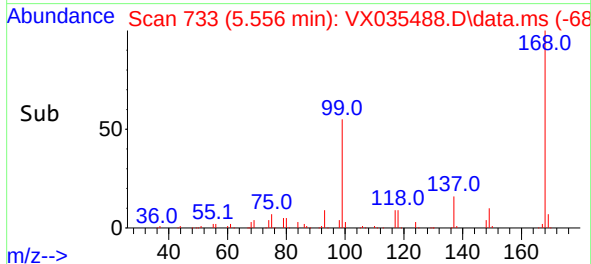
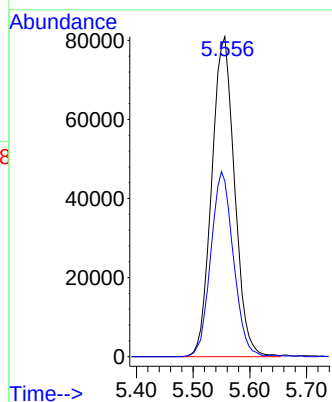
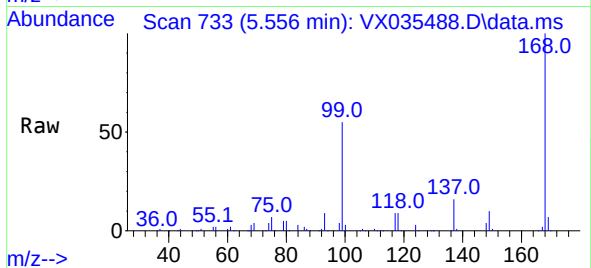




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

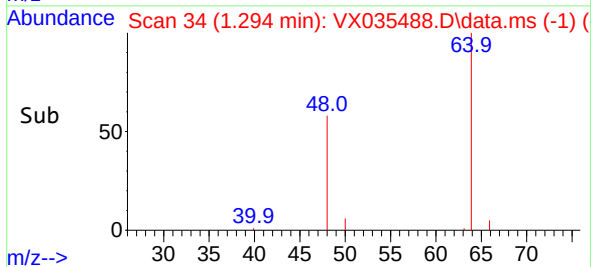
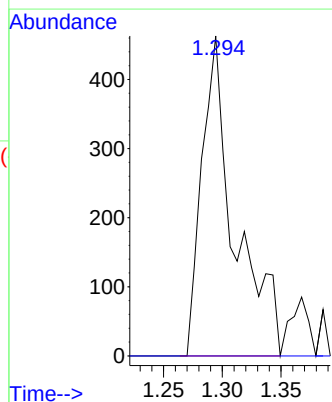
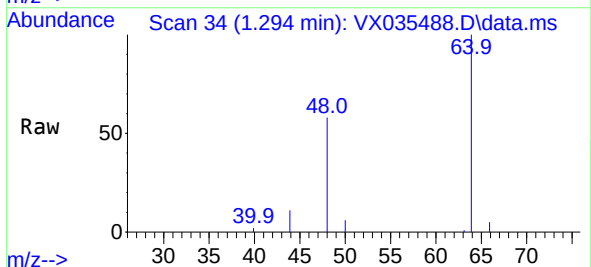
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

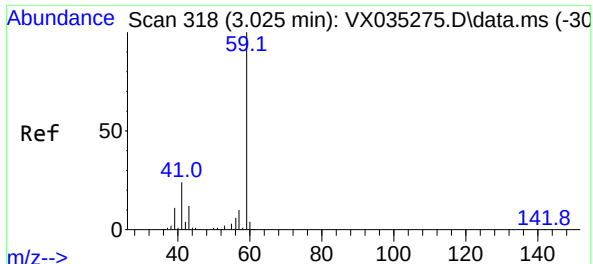
Tgt Ion:168 Resp: 226294
Ion Ratio Lower Upper
168 100
99 54.9 45.7 68.5



#3
Chloromethane
Concen: 0.413 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion: 50 Resp: 900
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 3.007 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX035488.D

Acq: 02 May 2023 18:42

Instrument :

MSVOA_X

ClientSampleId :

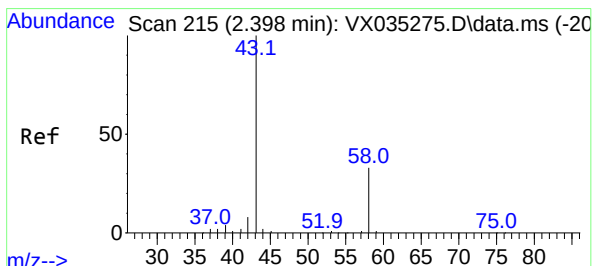
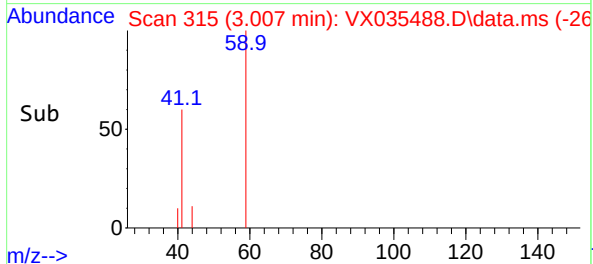
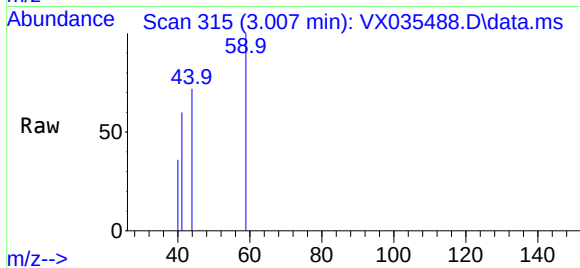
LEA-11D

Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 4.272 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035488.D

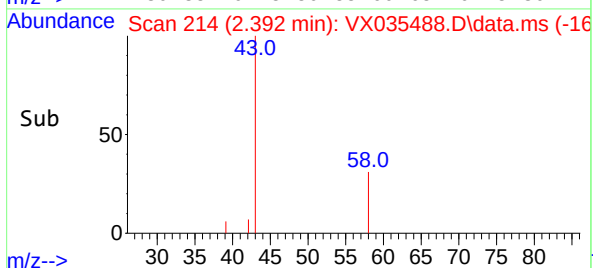
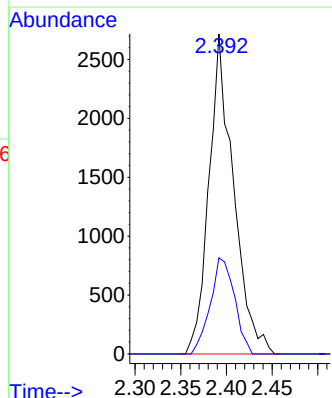
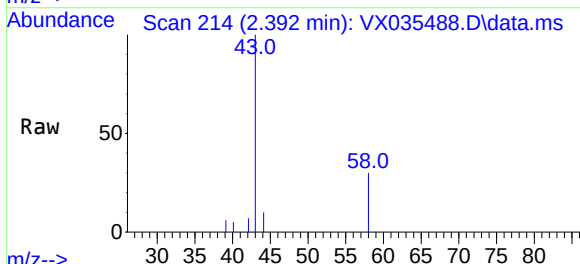
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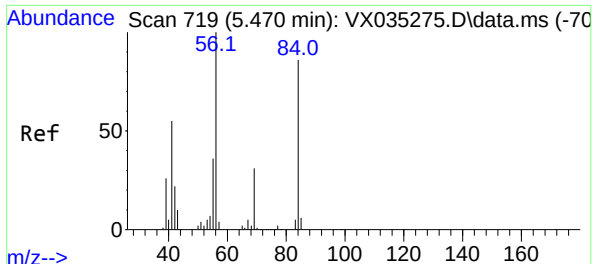
Tgt Ion: 43 Resp: 5065

Ion Ratio Lower Upper

43 100

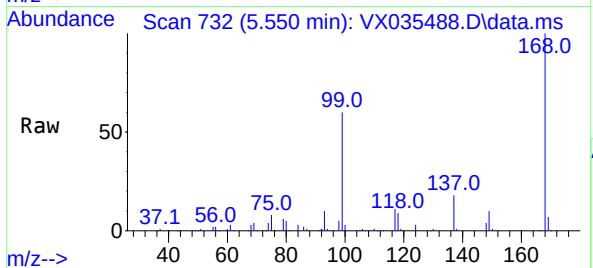
58 30.0 24.7 37.1



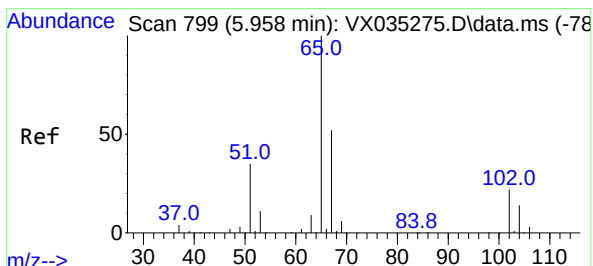
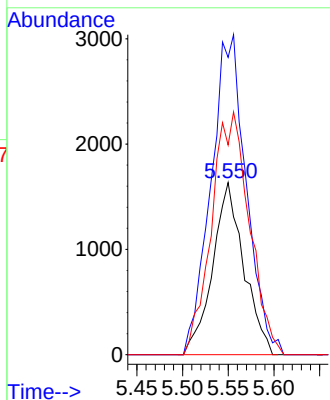
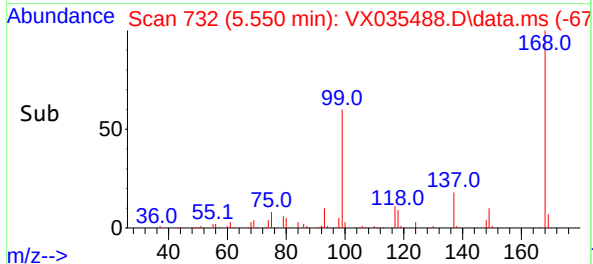


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

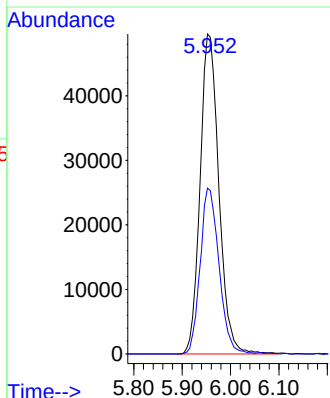
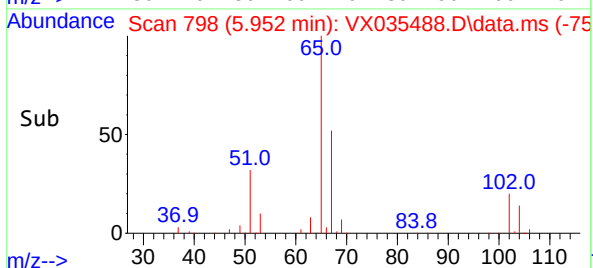
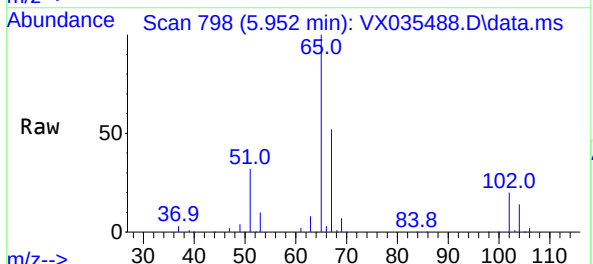


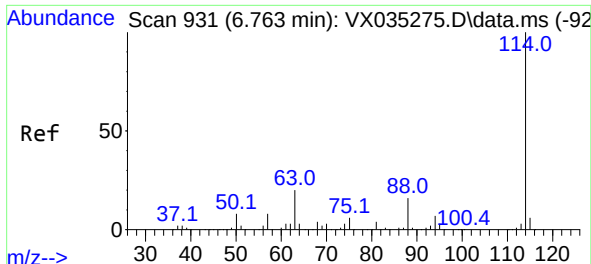
Tgt Ion: 56 Resp: 3894
Ion Ratio Lower Upper
56 100
69 172.7 23.7 35.5#
84 121.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.942 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion: 65 Resp: 133616
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

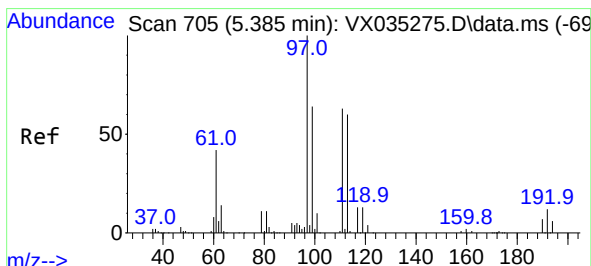
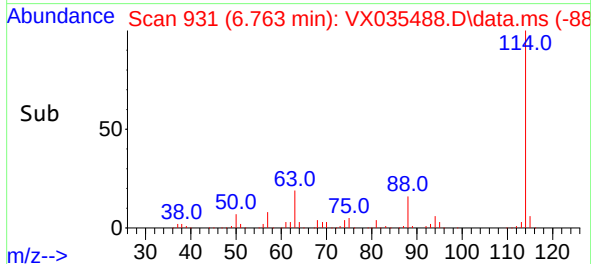
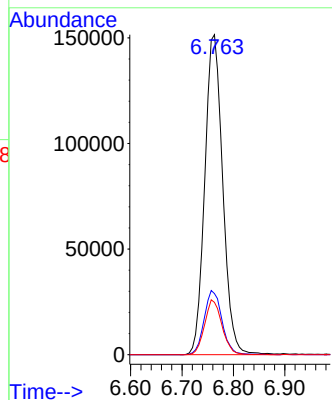
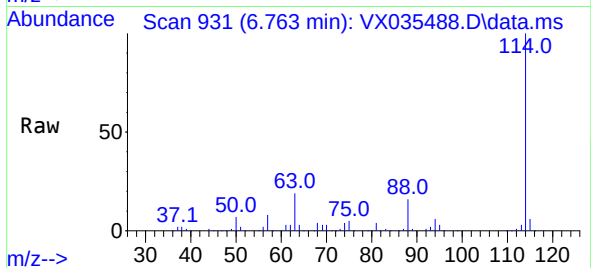




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

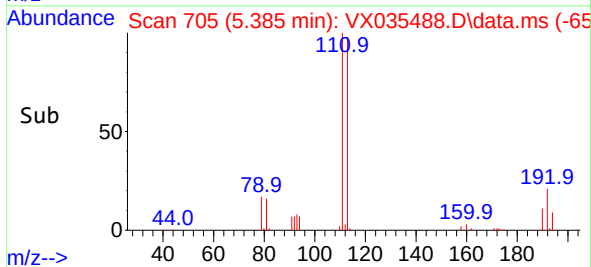
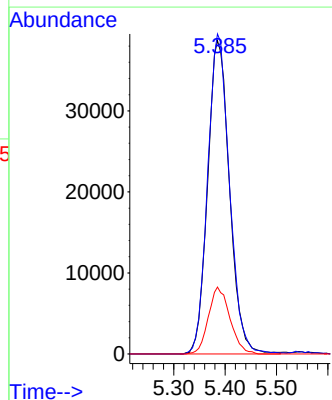
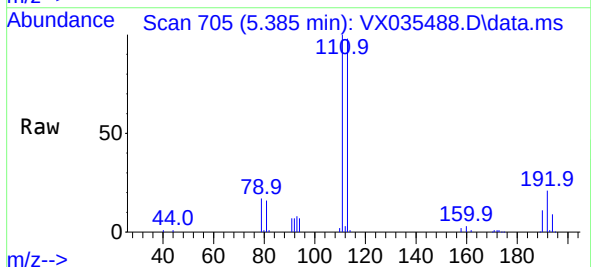
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

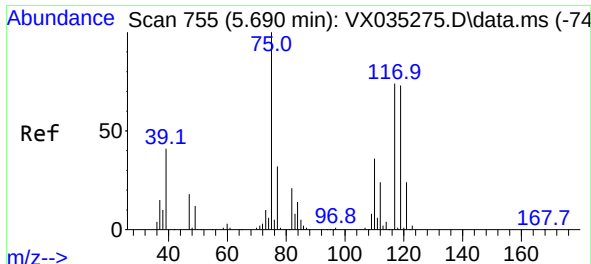
Tgt Ion:114 Resp: 367948
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.600 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion:113 Resp: 114273
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.9 15.4 23.2

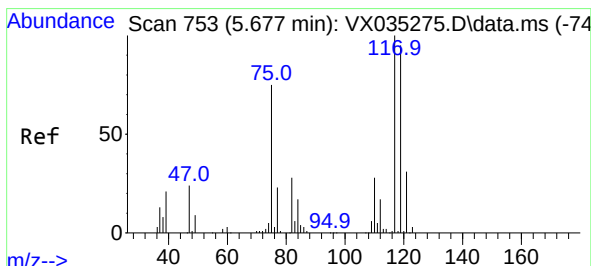
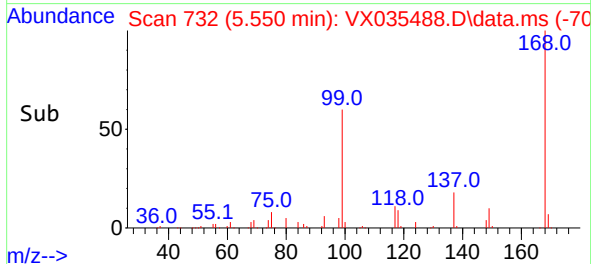
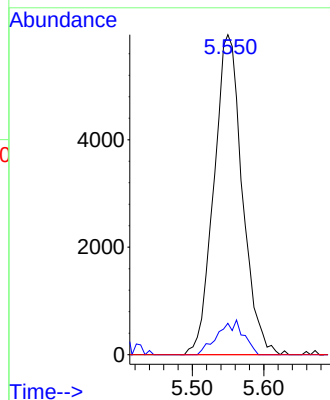
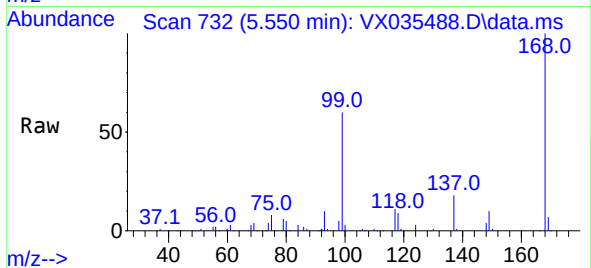




#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

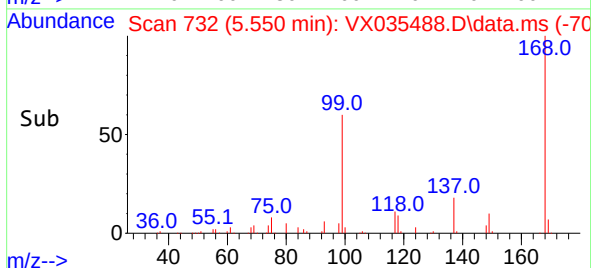
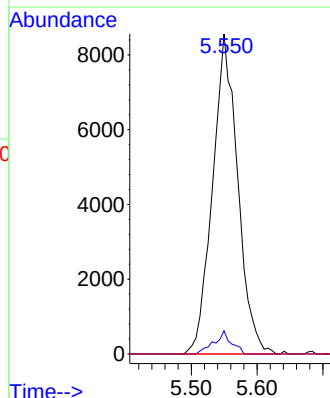
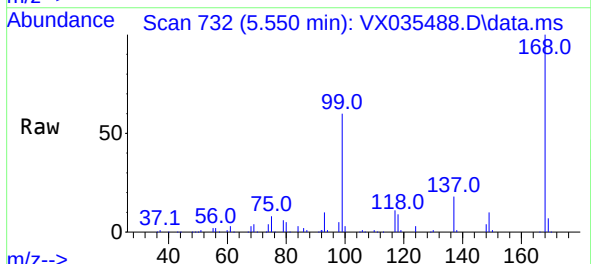
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

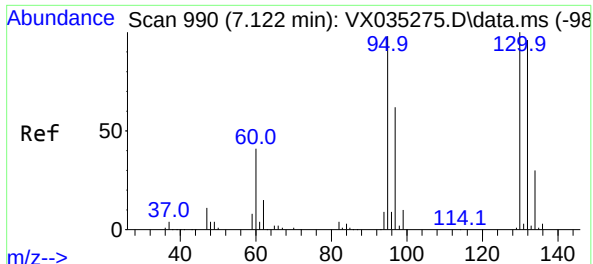
Tgt Ion: 75 Resp: 16394
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.809 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion: 117 Resp: 22795
Ion Ratio Lower Upper
117 100
119 7.3 76.6 114.8#
121 0.0 23.8 35.6#

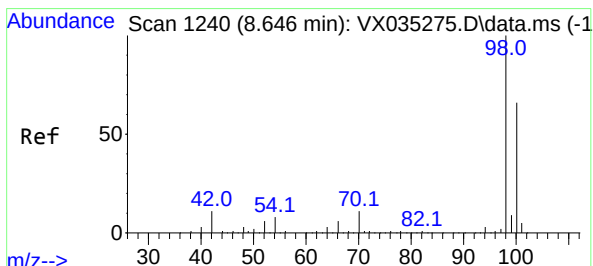
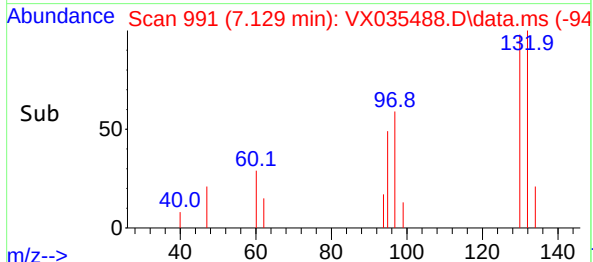
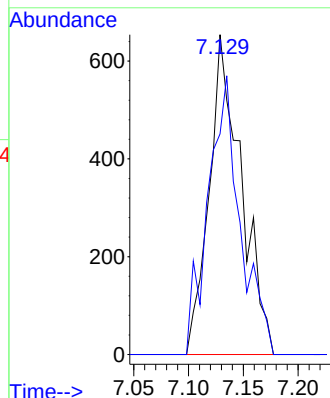
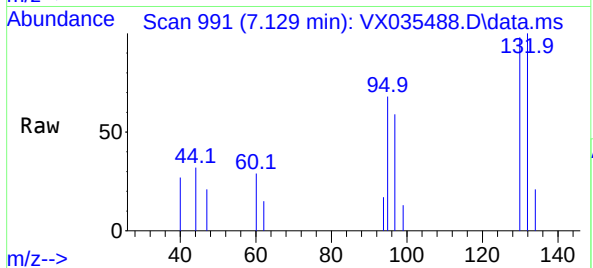




#44
Trichloroethene
Concen: 0.477 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

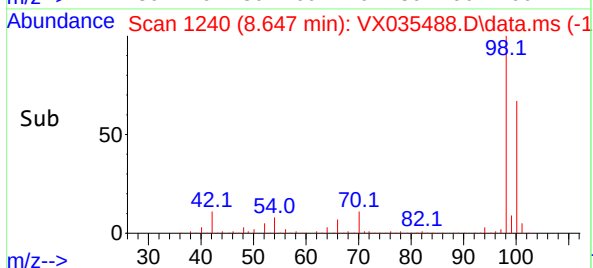
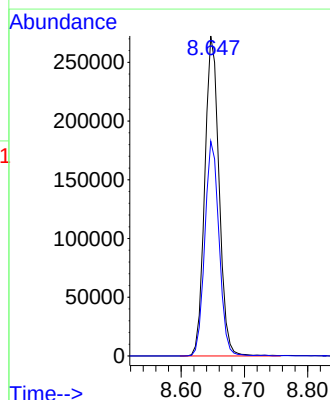
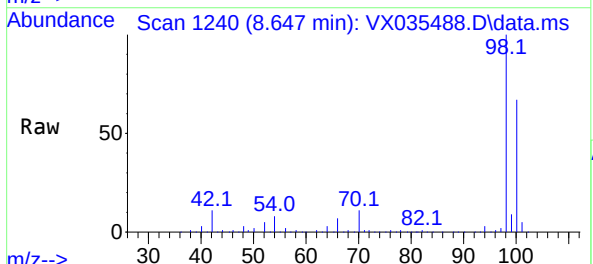
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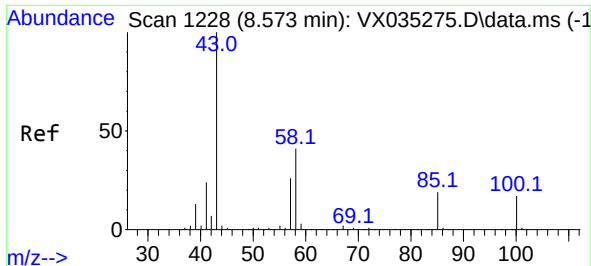
Tgt Ion:130 Resp: 1329
Ion Ratio Lower Upper
130 100
95 69.0 0.0 198.4



#50
Toluene-d8
Concen: 50.300 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion: 98 Resp: 428518
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035488.D

Acq: 02 May 2023 18:42

Instrument :

MSVOA_X

ClientSampleId :

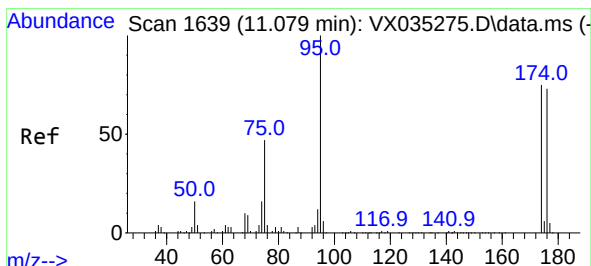
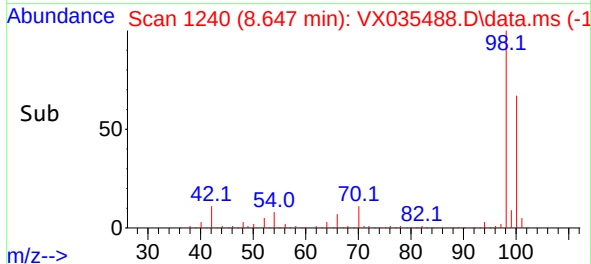
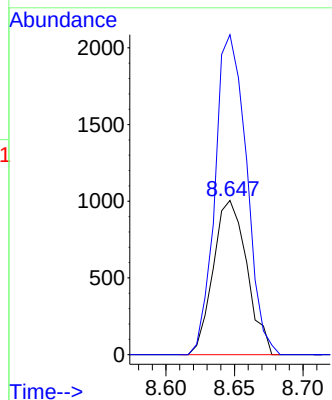
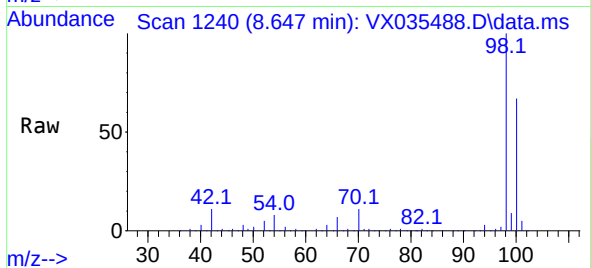
LEA-11D

Tgt Ion: 43 Resp: 1716

Ion Ratio Lower Upper

43 100

58 194.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 51.515 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035488.D

Acq: 02 May 2023 18:42

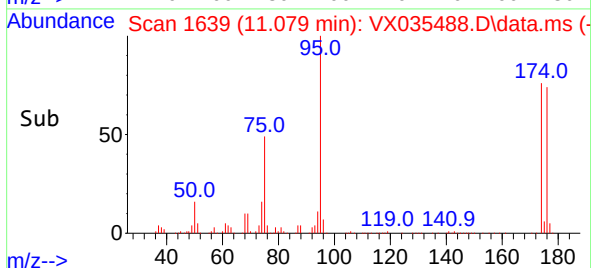
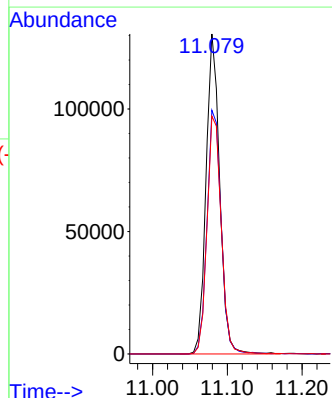
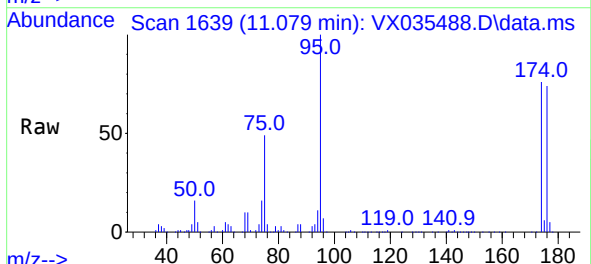
Tgt Ion: 95 Resp: 165095

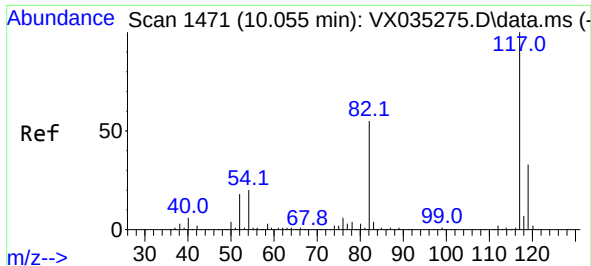
Ion Ratio Lower Upper

95 100

174 78.9 0.0 147.4

176 77.5 0.0 140.6

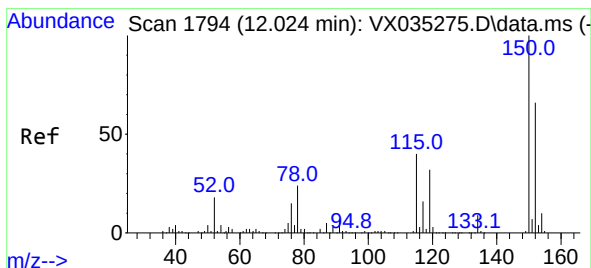
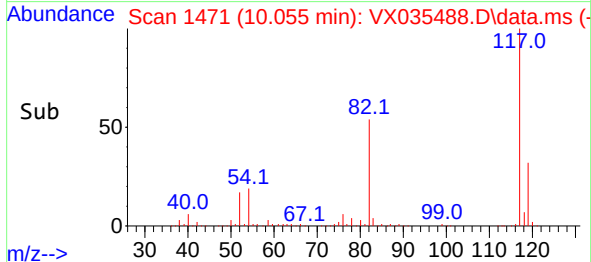
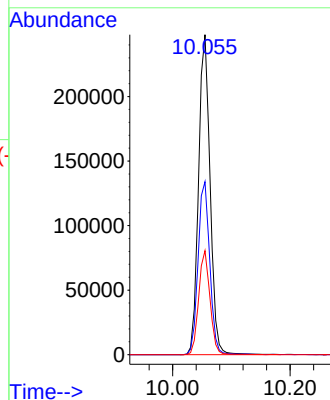
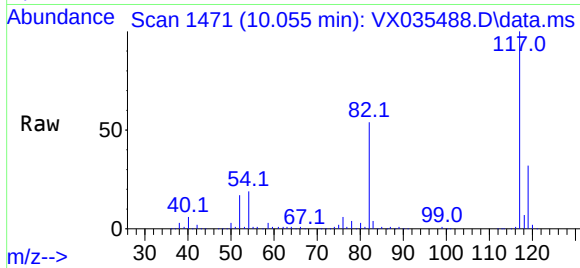




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

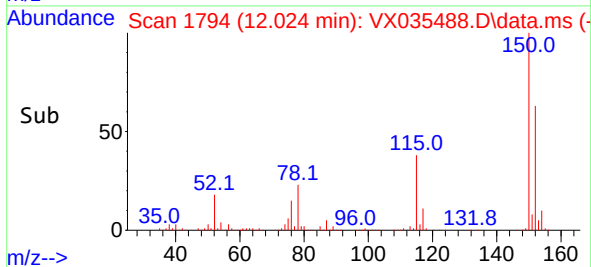
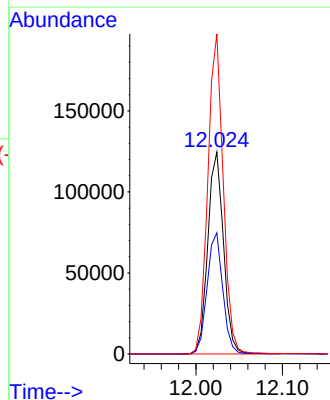
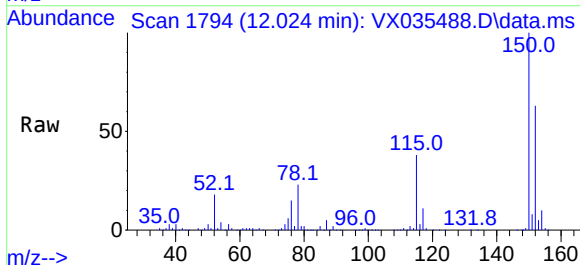
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

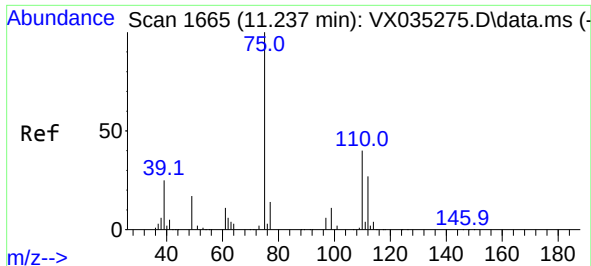
Tgt Ion:117 Resp: 337711
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion:152 Resp: 156866
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 155.7 0.0 352.4

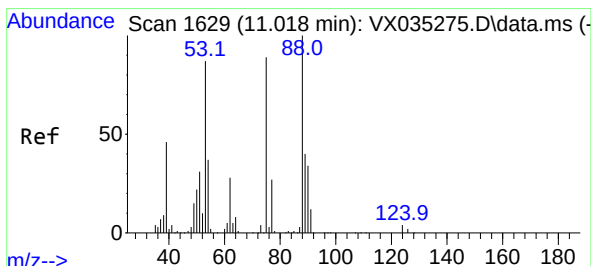
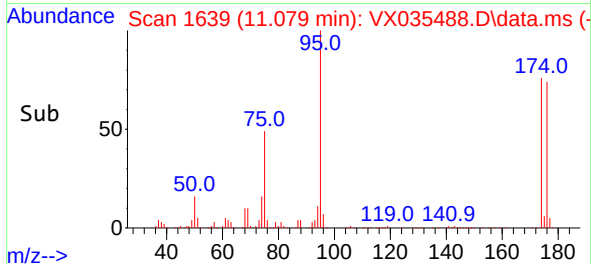
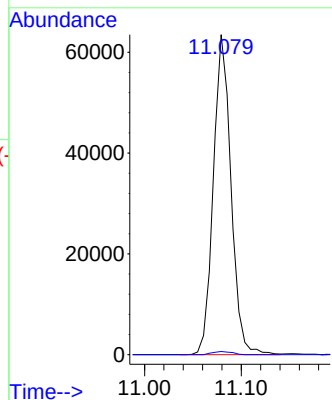
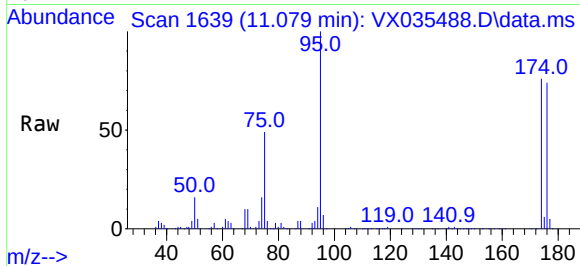




#76
1,2,3-Trichloropropane
Concen: 25.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

Tgt Ion: 75 Resp: 80266
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035488.D
Acq: 02 May 2023 18:42

Tgt Ion: 75 Resp: 80266
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

