

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032412.D
 Acq On : 26 Oct 2022 18:14
 Operator : JC/MD
 Sample : N5237-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-RB

Quant Time: Oct 27 08:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

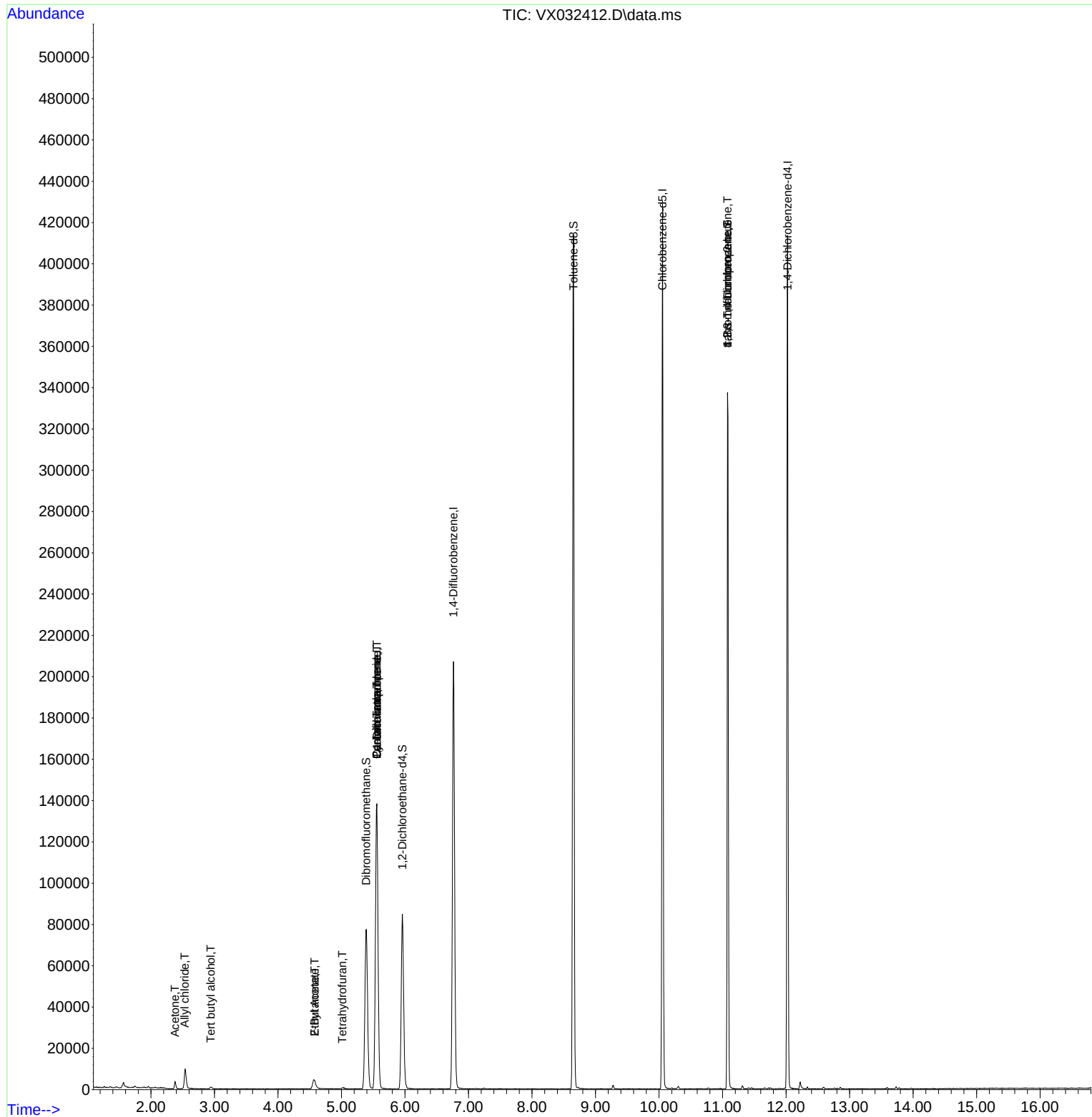
Internal Standards						
1) Pentafluorobenzene	5.556	168	130736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83396	45.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.385	113	67054	45.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.653	98	244779	47.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.079	95	84944	42.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	866	3.275	ug/l #	72
14) Allyl chloride	2.532	41	1230	0.589	ug/l #	71
16) Acetone	2.380	43	3431	5.197	ug/l #	87
25) 2-Butanone	4.574	43	899	0.879	ug/l #	47
29) Tetrahydrofuran	5.013	42	211	0.323	ug/l #	40
31) Cyclohexane	5.556	56	2969	1.348	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	10069	4.875	ug/l #	50
37) Ethyl Acetate	4.574	43	899	0.418	ug/l #	84
38) Carbon Tetrachloride	5.556	117	13604	5.938	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	46006	24.044	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46006	76.508	ug/l #	6

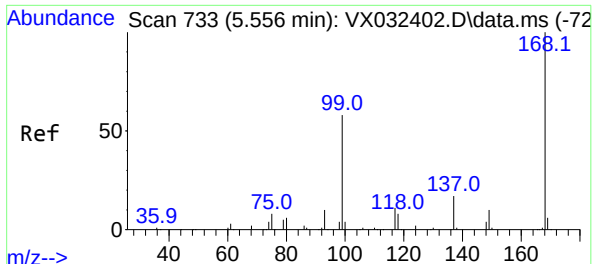
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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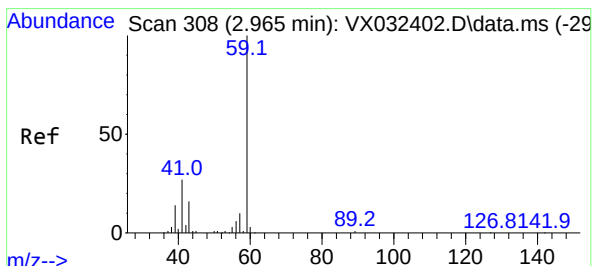
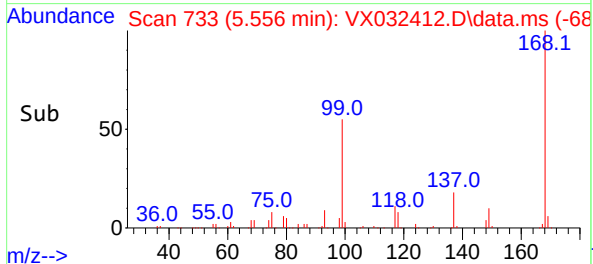
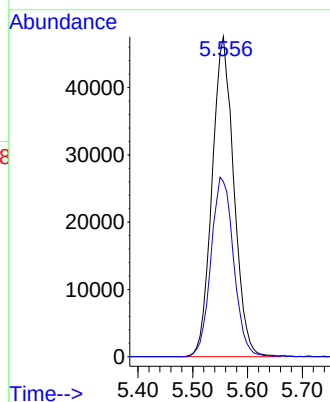
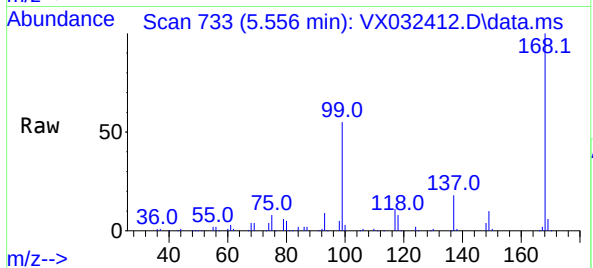




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

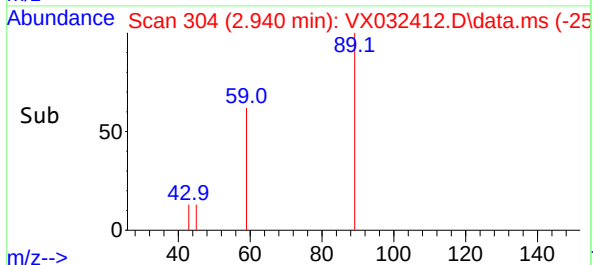
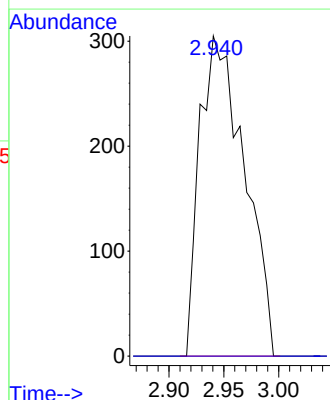
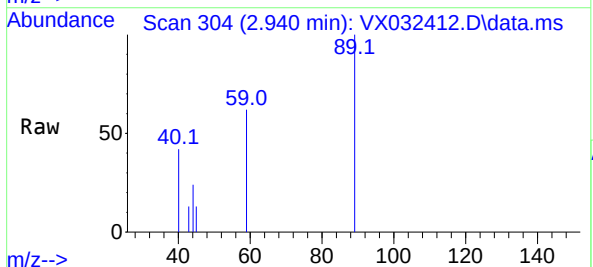
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

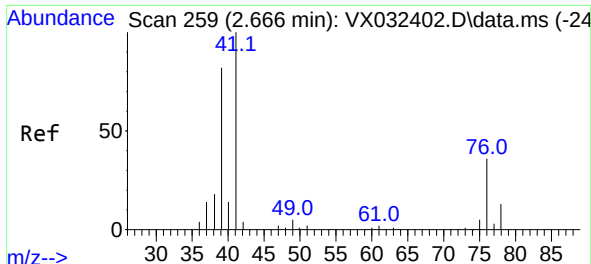
Tgt Ion:168 Resp: 130736
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.275 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Tgt Ion: 59 Resp: 866
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#14

Allyl chloride

Concen: 0.589 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.134 min

Lab File: VX032412.D

Acq: 26 Oct 2022 18:14

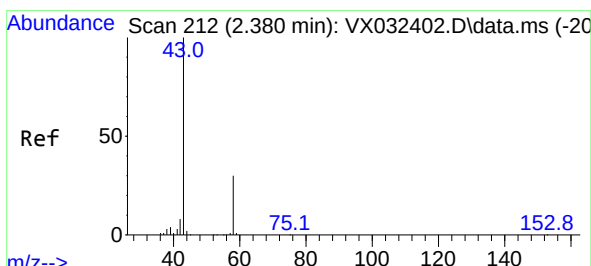
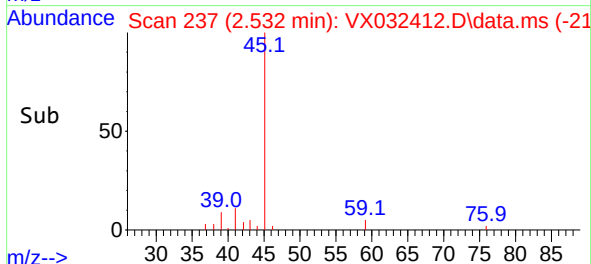
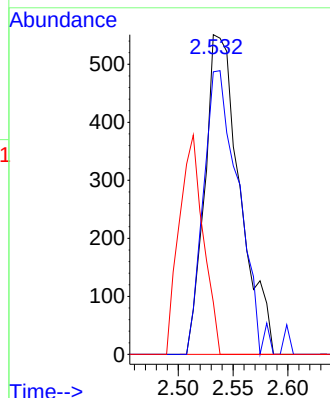
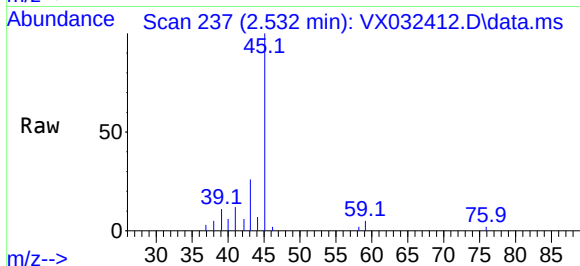
Instrument :

MSVOA_X

ClientSampleId :

LSP-RB

Tgt Ion: 41	Resp: 1230
Ion Ratio	Lower Upper
41 100	
39 88.4	61.4 92.2
76 0.0	29.2 43.8#



#16

Acetone

Concen: 5.197 ug/l

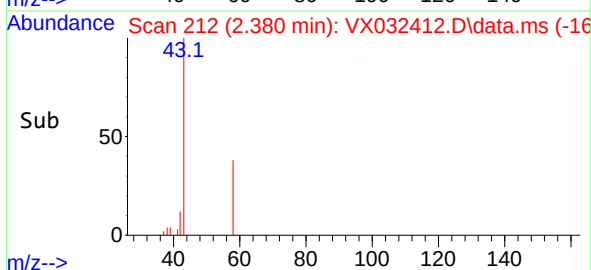
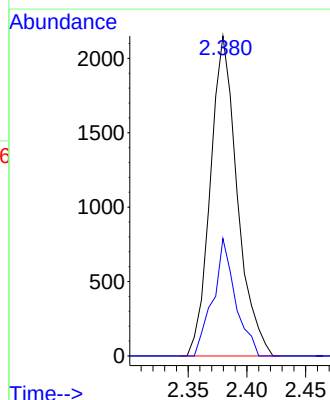
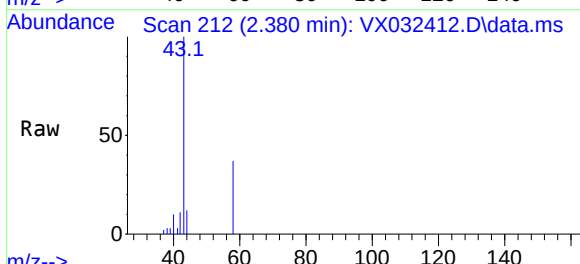
RT: 2.380 min Scan# 212

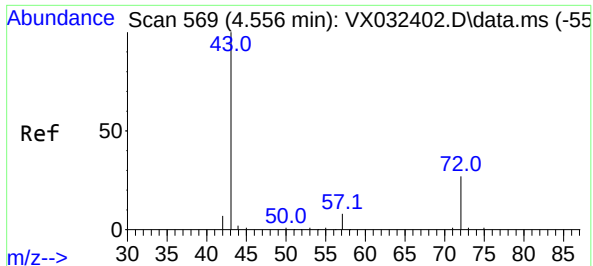
Delta R.T. -0.000 min

Lab File: VX032412.D

Acq: 26 Oct 2022 18:14

Tgt Ion: 43	Resp: 3431
Ion Ratio	Lower Upper
43 100	
58 36.7	23.8 35.8#





#25

2-Butanone

Concen: 0.879 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032412.D

Acq: 26 Oct 2022 18:14

Instrument :

MSVOA_X

ClientSampleId :

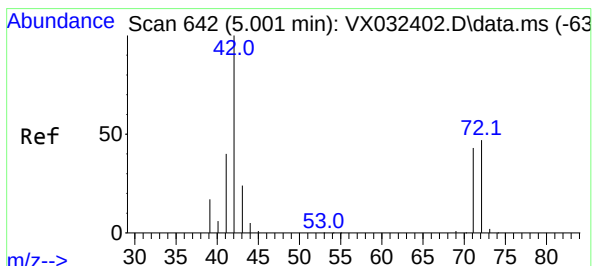
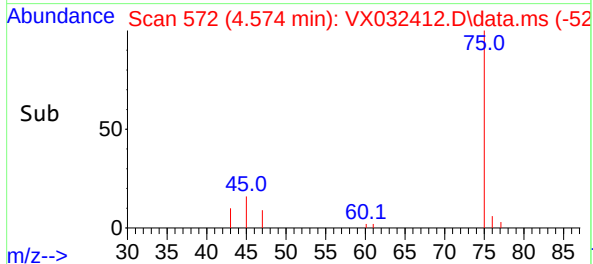
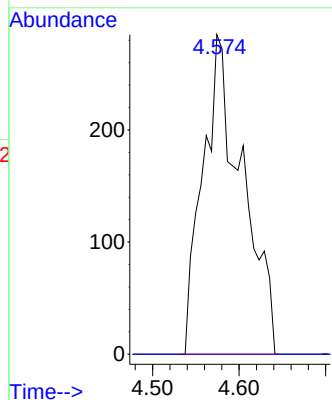
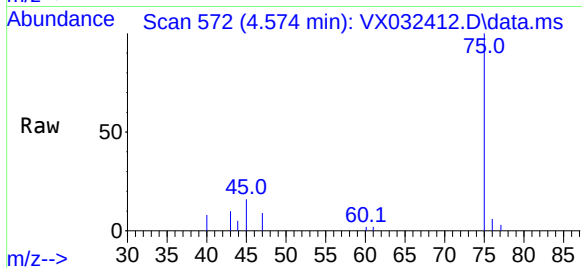
LSP-RB

Tgt Ion: 43 Resp: 899

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX032412.D

Acq: 26 Oct 2022 18:14

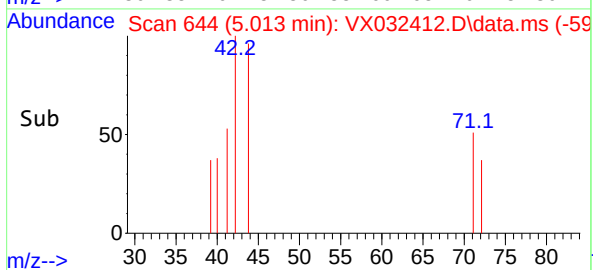
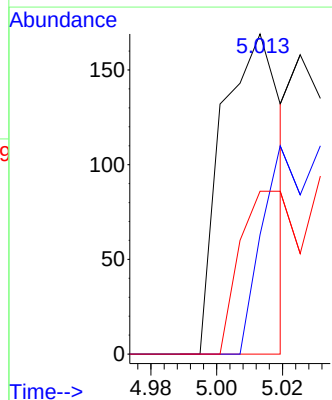
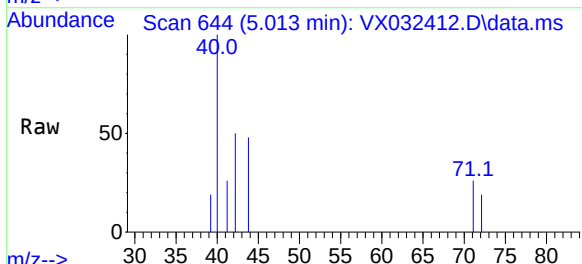
Tgt Ion: 42 Resp: 211

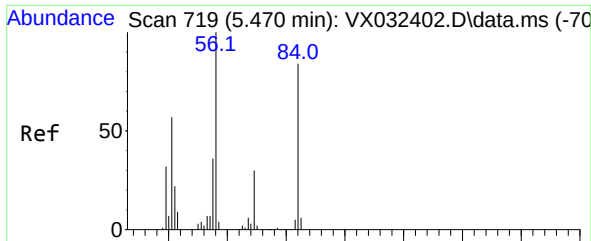
Ion Ratio Lower Upper

42 100

72 90.5 37.6 56.4#

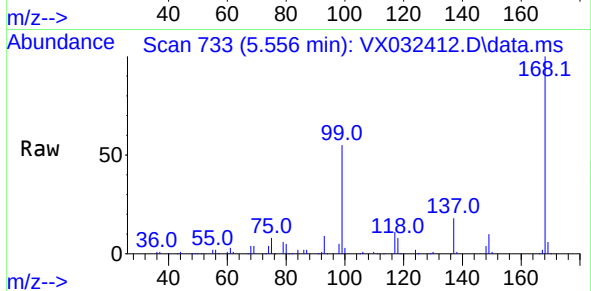
71 78.7 34.7 52.1#



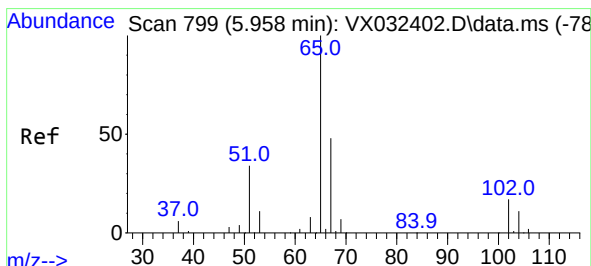
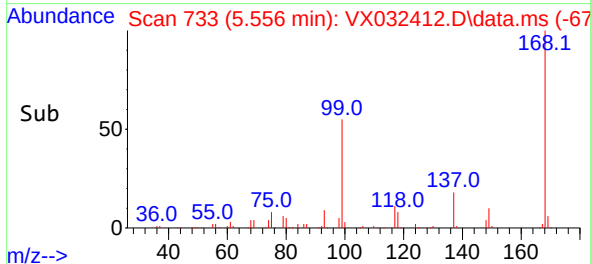
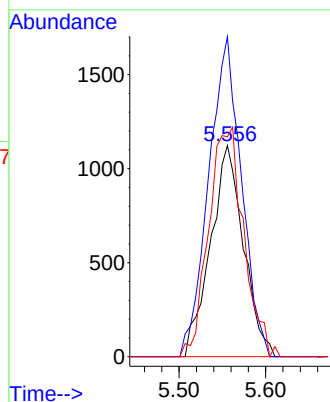


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

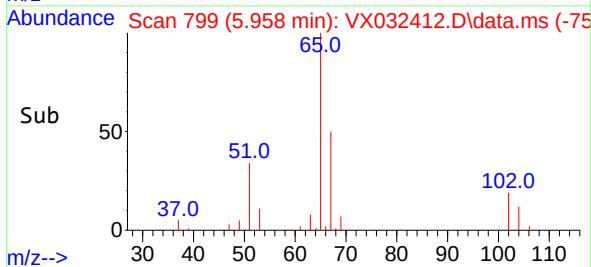
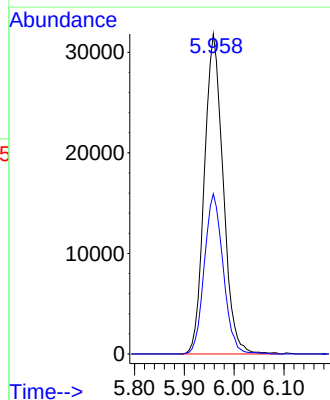
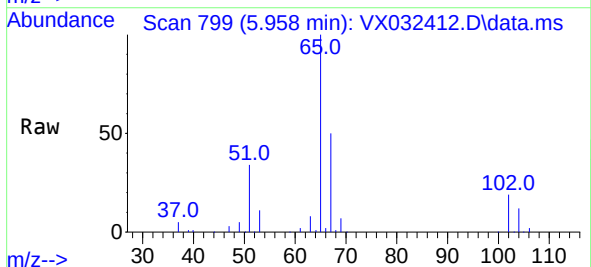


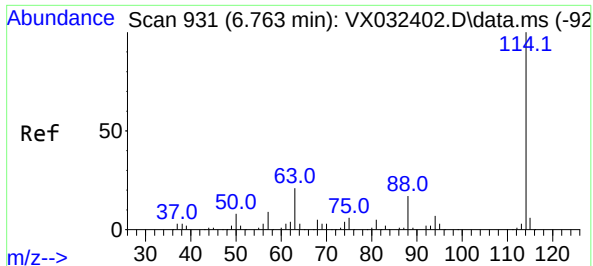
Tgt Ion: 56 Resp: 2969
Ion Ratio Lower Upper
56 100
69 151.6 24.1 36.1#
84 104.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 45.909 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Tgt Ion: 65 Resp: 83396
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

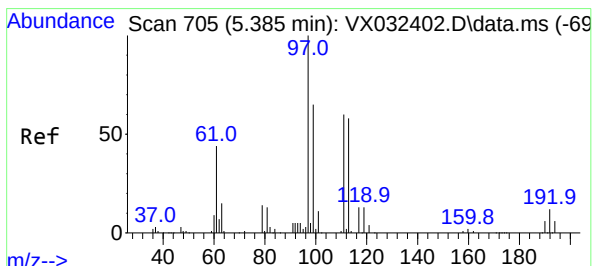
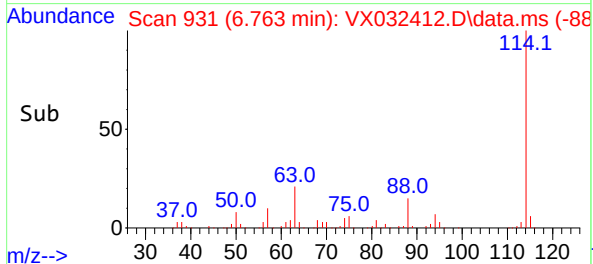
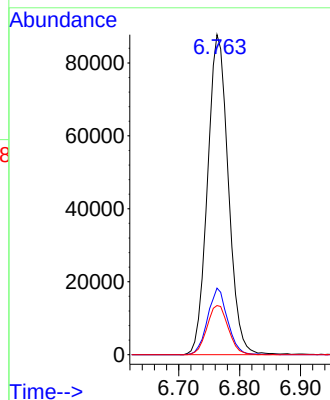
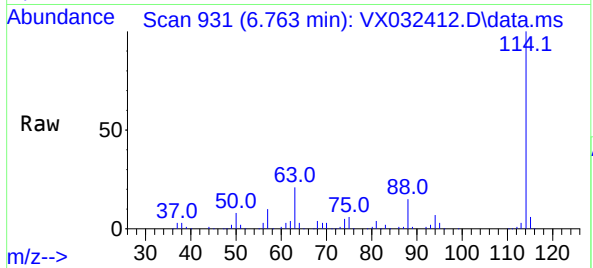




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

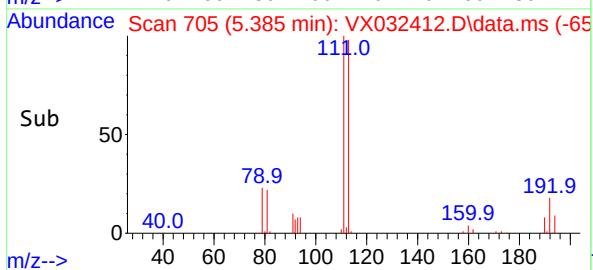
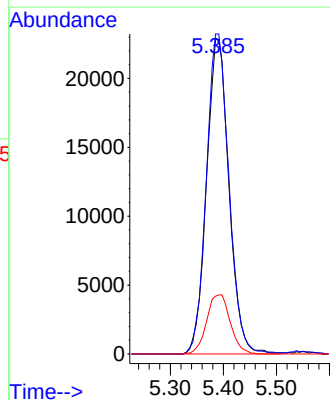
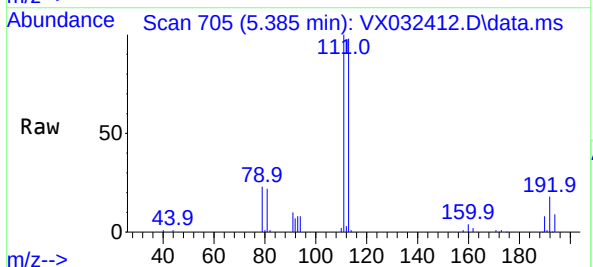
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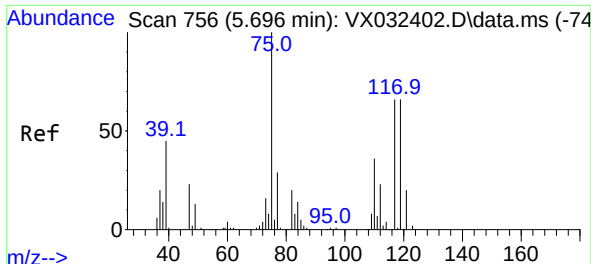
Tgt Ion:114 Resp: 207954
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Tgt Ion:113 Resp: 67054
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.8 15.4 23.2

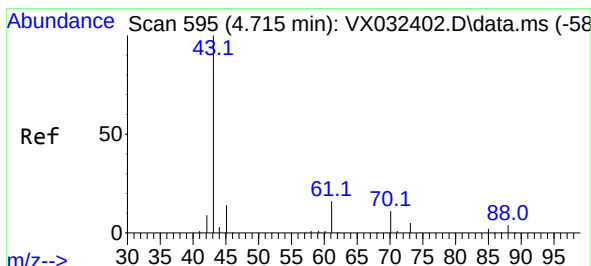
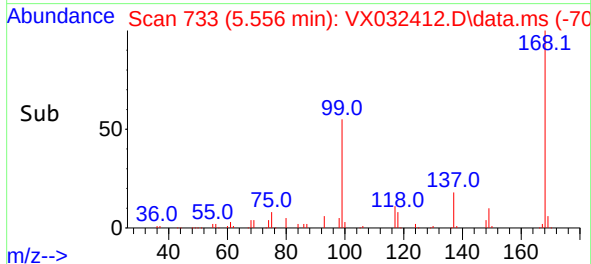
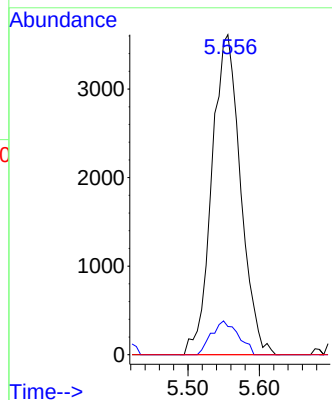
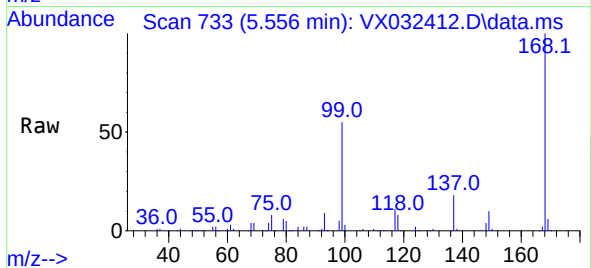




#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

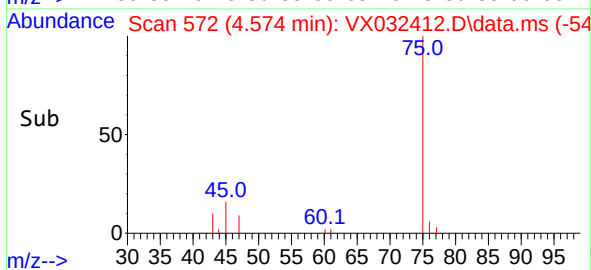
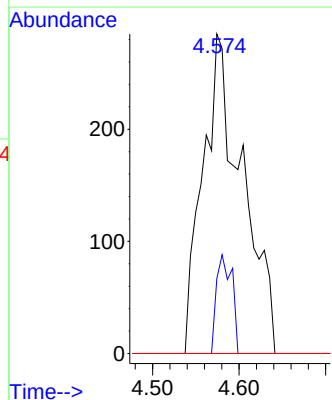
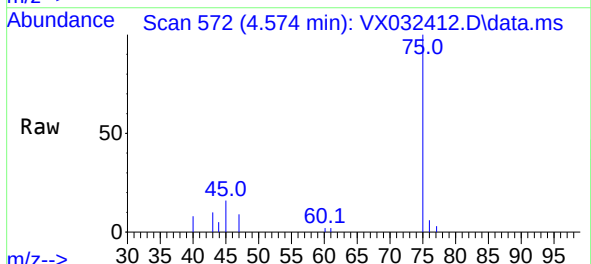
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

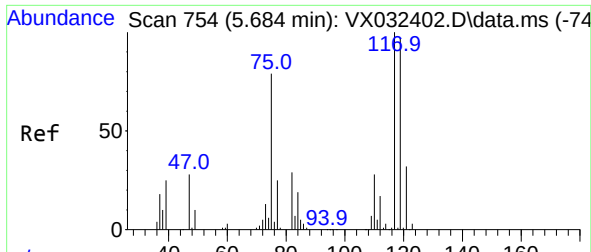
Tgt Ion: 75 Resp: 10069
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.418 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

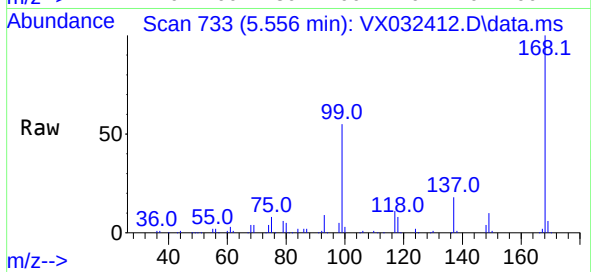
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 0.0 9.1 13.7#



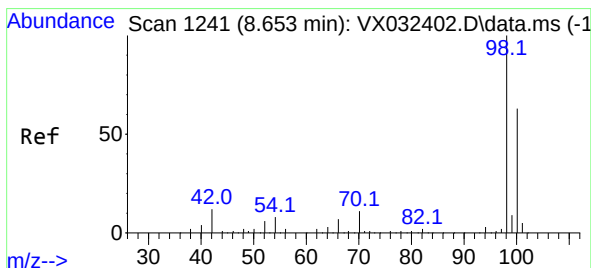
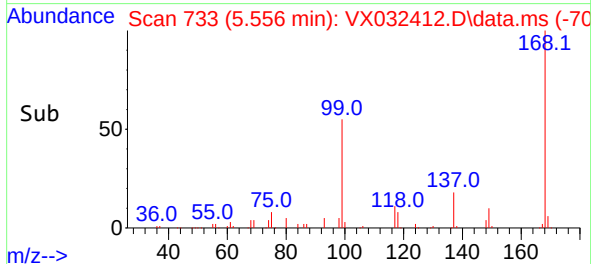
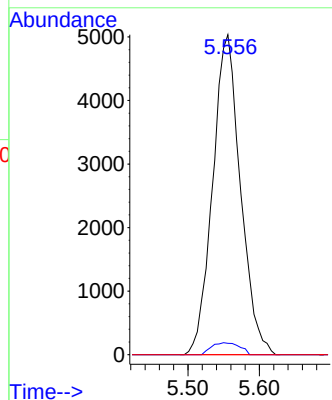


#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

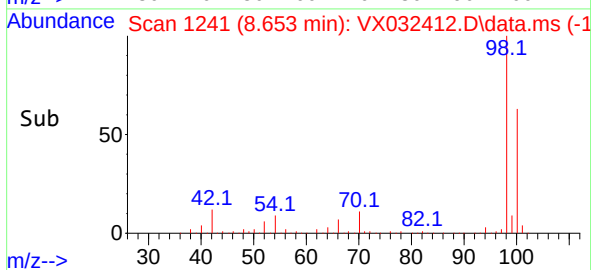
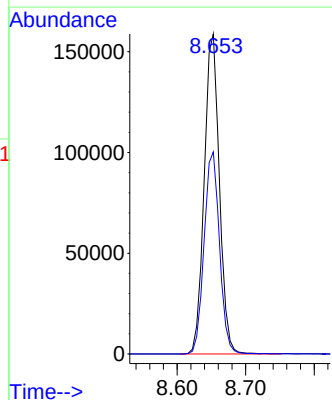
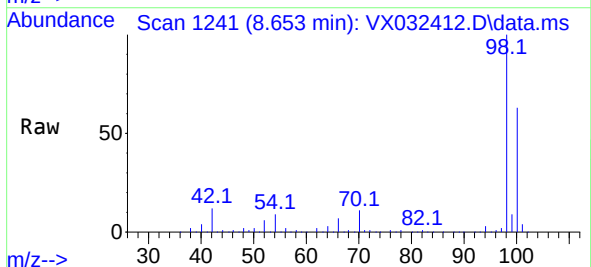


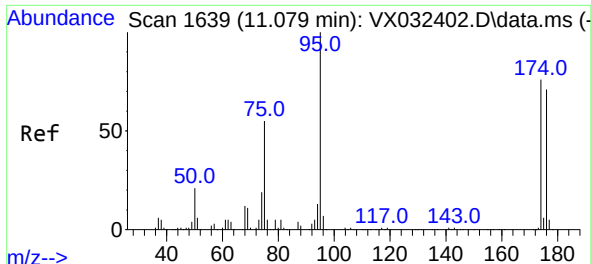
Tgt Ion:117 Resp: 13604
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Tgt Ion: 98 Resp: 244779
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.160 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032412.D

Acq: 26 Oct 2022 18:14

Instrument :

MSVOA_X

ClientSampleId :

LSP-RB

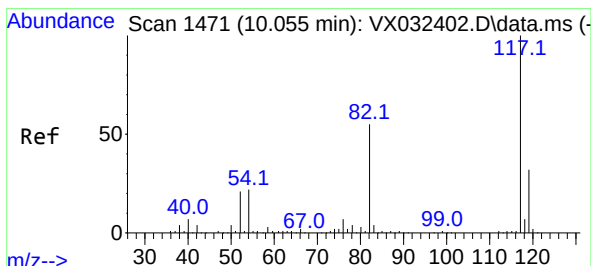
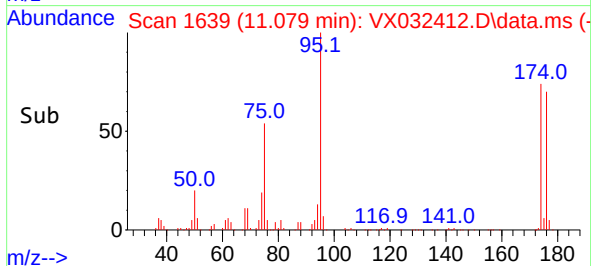
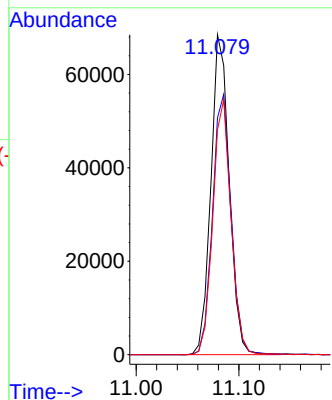
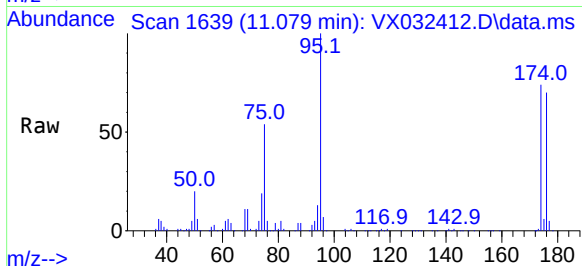
Tgt Ion: 95 Resp: 84944

Ion Ratio Lower Upper

95 100

174 82.6 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: VX032412.D

Acq: 26 Oct 2022 18:14

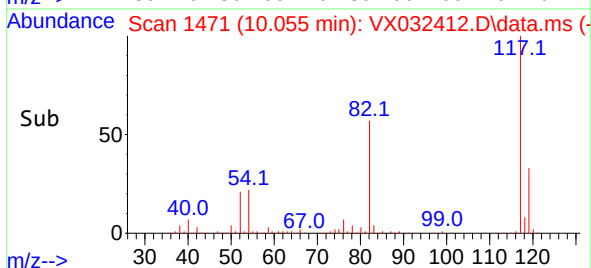
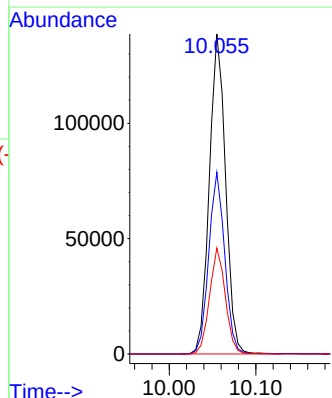
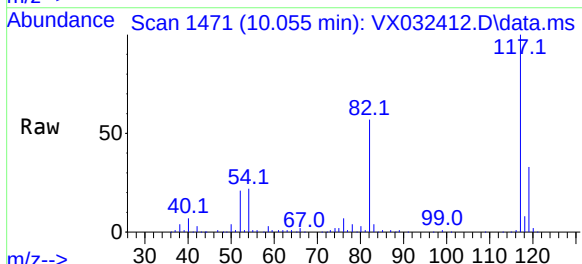
Tgt Ion: 117 Resp: 180456

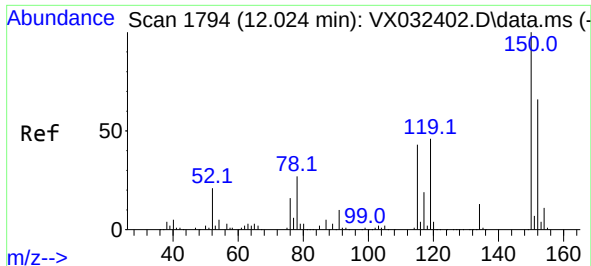
Ion Ratio Lower Upper

117 100

82 56.8 44.3 66.5

119 33.1 25.7 38.5

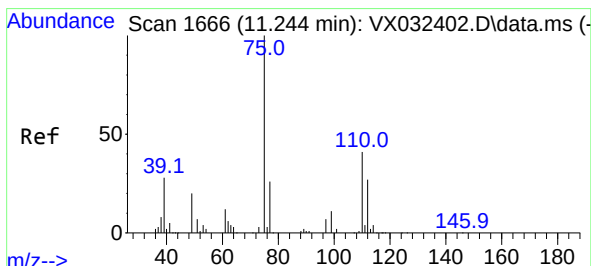
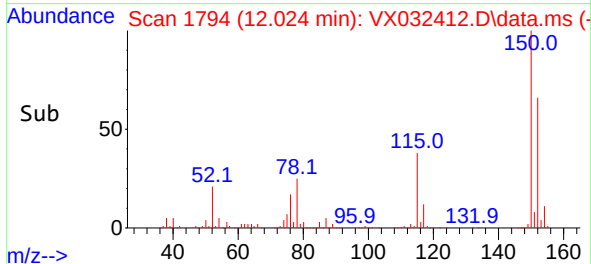
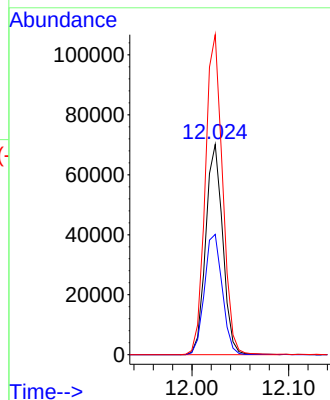
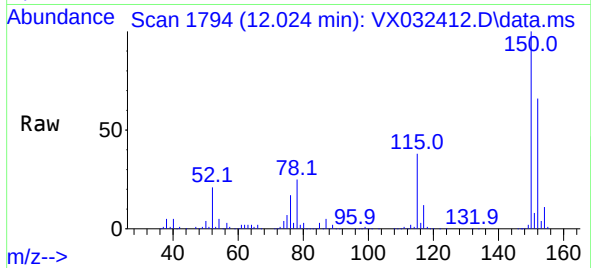




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

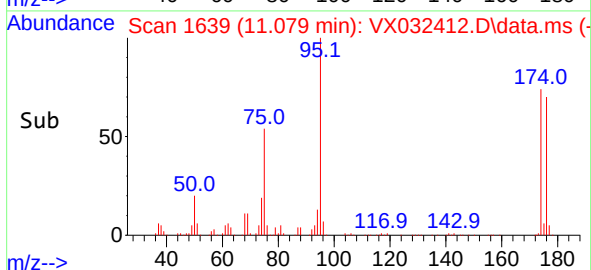
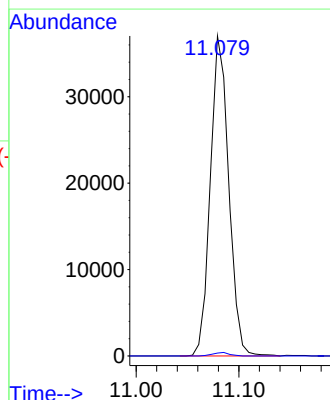
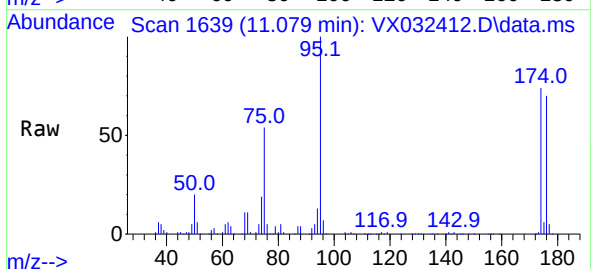
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

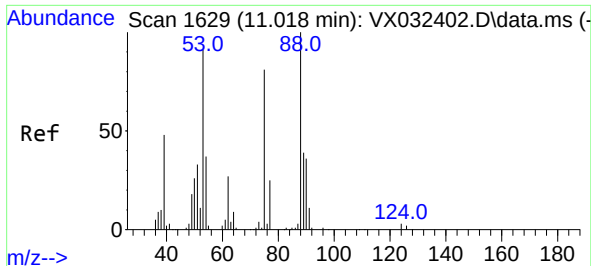
Tgt Ion:152 Resp: 86006
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 154.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032412.D
Acq: 26 Oct 2022 18:14

Tgt Ion: 75 Resp: 46006
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.508 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032412.D
 Acq: 26 Oct 2022 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-RB

Tgt Ion: 75 Resp: 46006
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

