

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032411.D
 Acq On : 26 Oct 2022 17:51
 Operator : JC/MD
 Sample : N5236-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-TBRE

Quant Time: Oct 27 08:33:21 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)

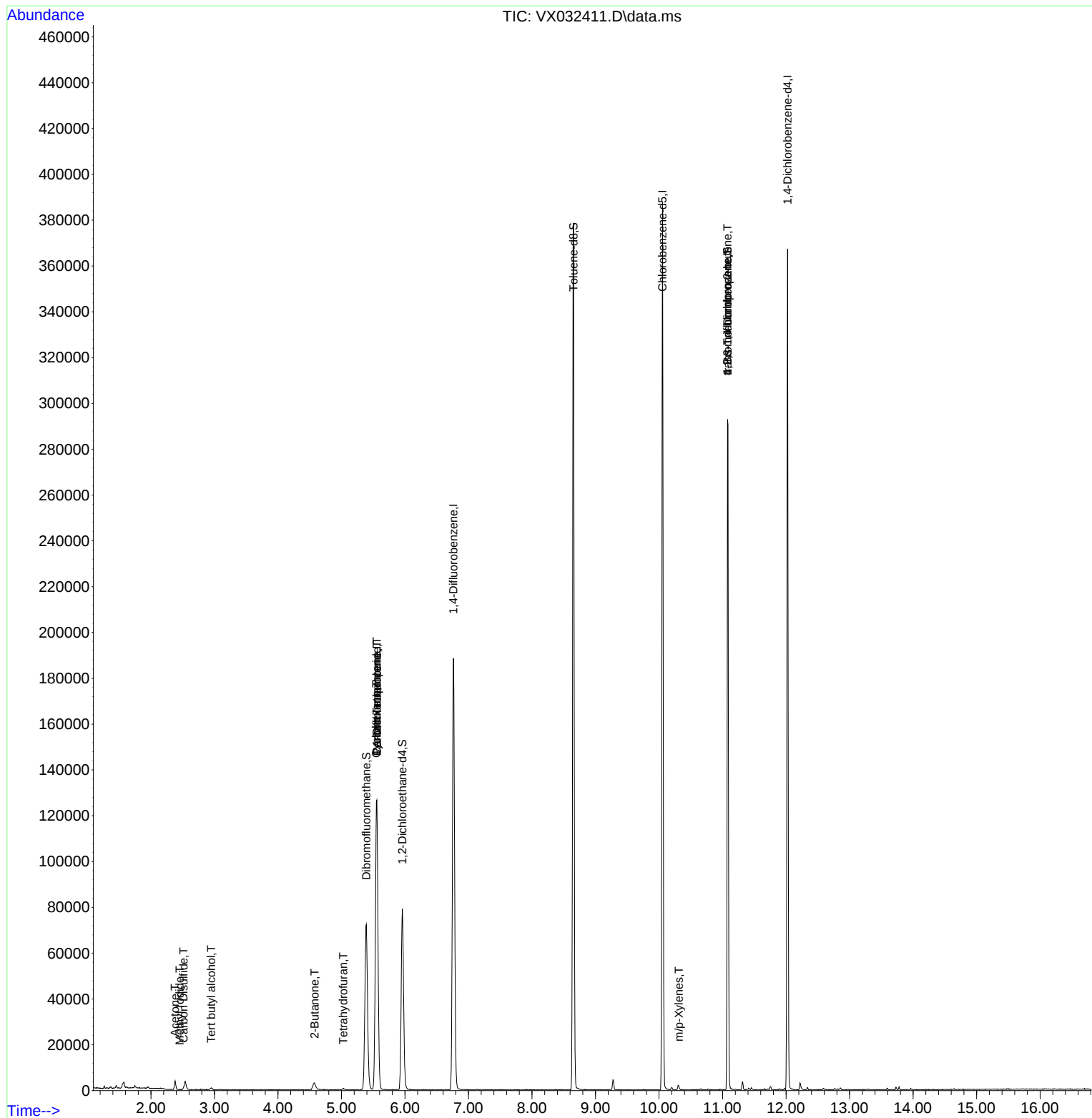
Internal Standards						
1) Pentafluorobenzene	5.556	168	119551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77192	46.469	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.940%
35) Dibromofluoromethane	5.391	113	62650	45.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.640%
50) Toluene-d8	8.653	98	227114	47.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.079	95	75153	40.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.060%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	168	2.029	ug/l #	37
11) Tert butyl alcohol	2.947	59	709	2.932	ug/l #	72
16) Acetone	2.380	43	4082	6.761	ug/l	98
17) Carbon Disulfide	2.514	76	885	0.310	ug/l #	88
25) 2-Butanone	4.574	43	756	0.808	ug/l #	47
29) Tetrahydrofuran	5.026	42	563	0.944	ug/l #	64
31) Cyclohexane	5.550	56	2951	1.465	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	9443	4.906	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12521	5.864	ug/l #	16
68) m/p-Xylenes	10.311	106	548	0.214	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	41254	25.561	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41254	81.335	ug/l #	6

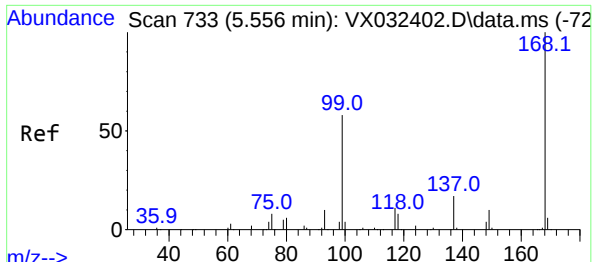
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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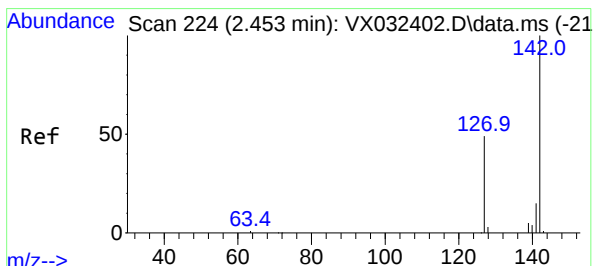
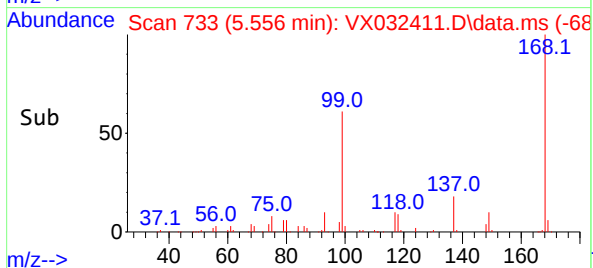
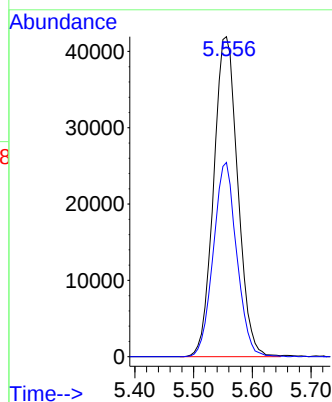
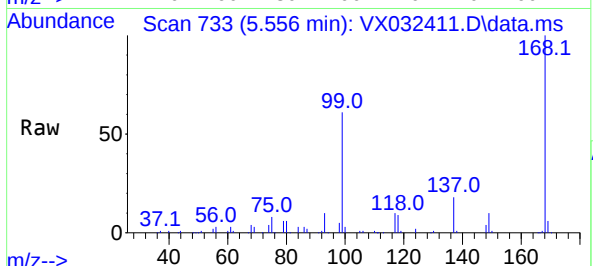




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

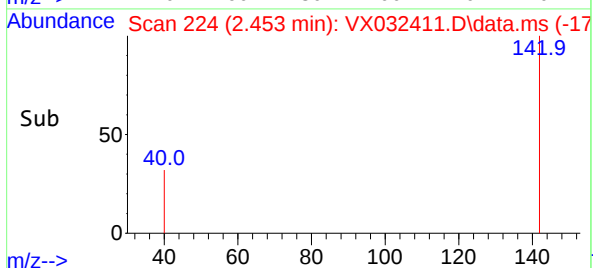
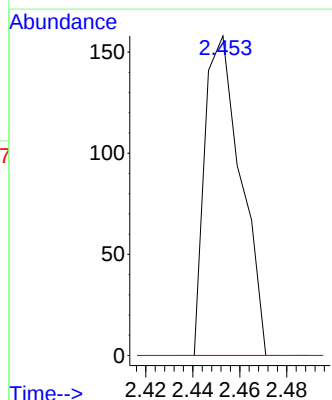
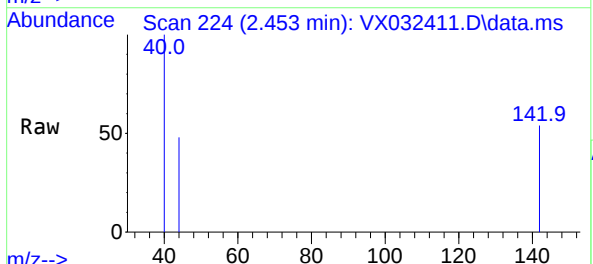
Instrument :
MSVOA_X
ClientSampleId :
LSP-TBRE

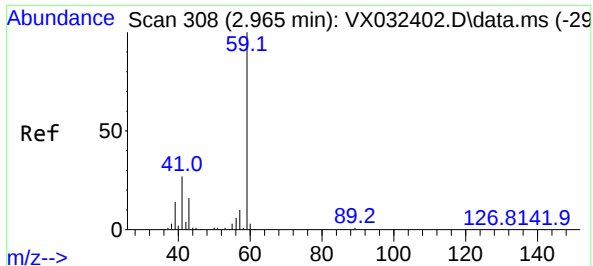
Tgt Ion:168 Resp: 119551
Ion Ratio Lower Upper
168 100
99 60.7 46.1 69.1



#10
Methyl Iodide
Concen: 2.029 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.932 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

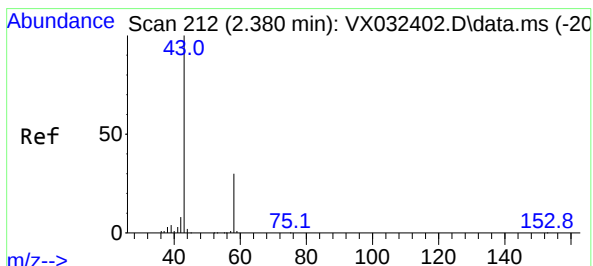
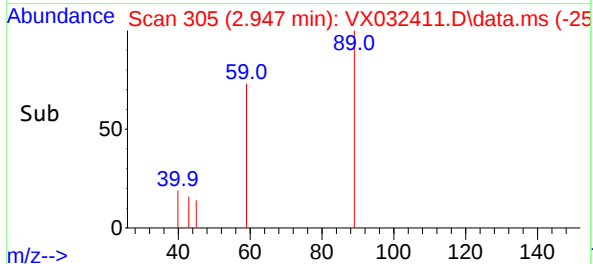
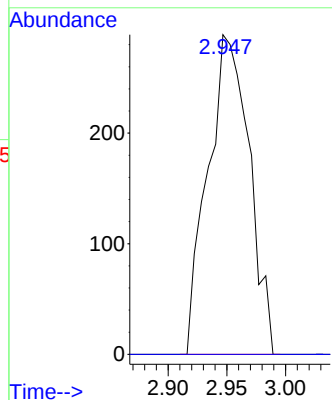
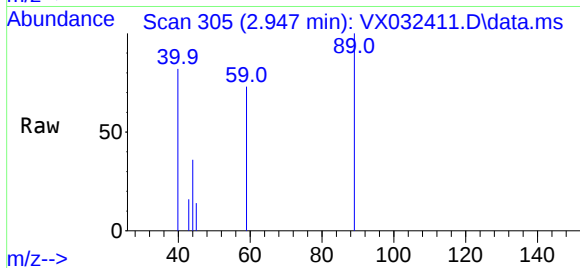
LSP-TBRE

Tgt Ion: 59 Resp: 709

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 6.761 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX032411.D

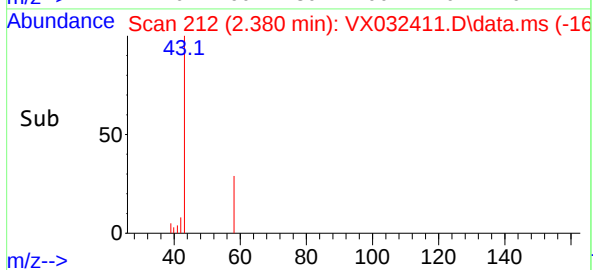
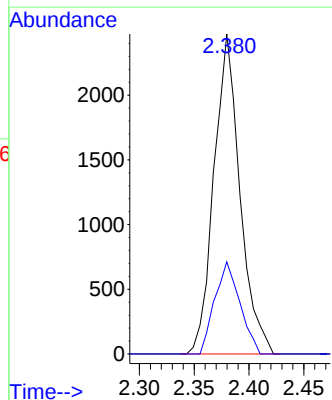
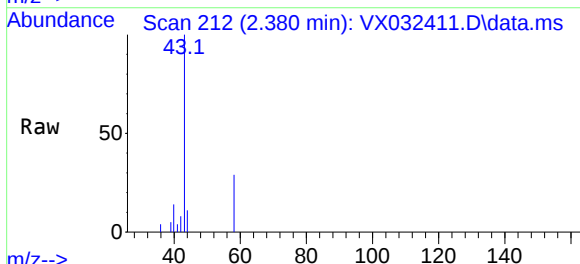
Acq: 26 Oct 2022 17:51

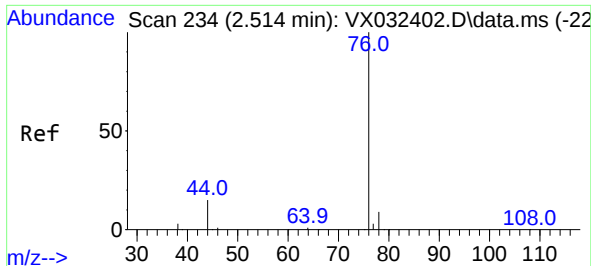
Tgt Ion: 43 Resp: 4082

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.8

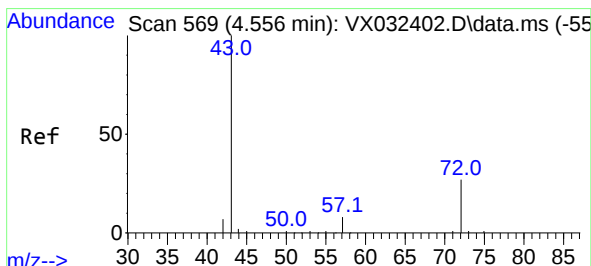
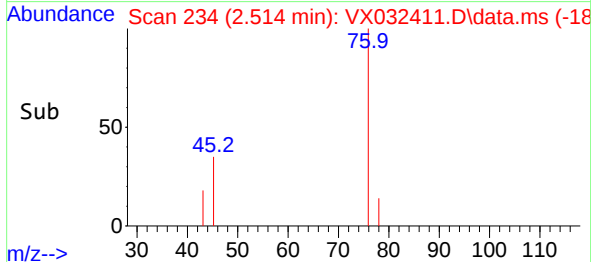
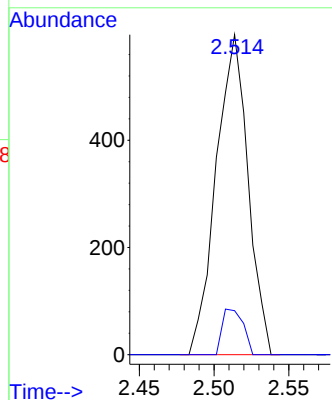
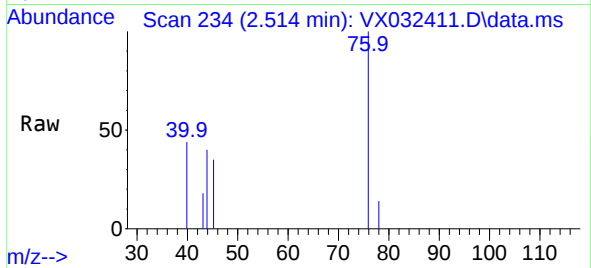




#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

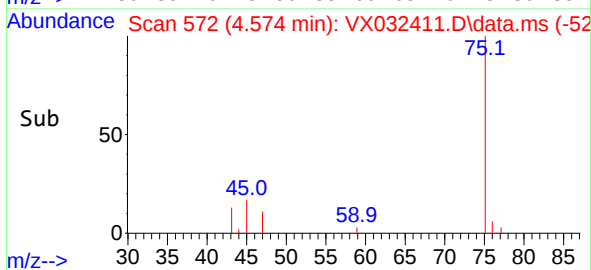
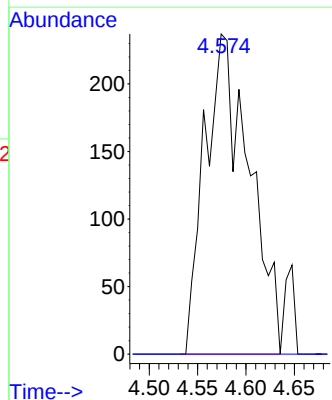
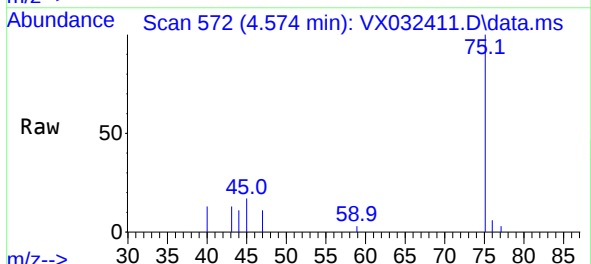
Instrument :
MSVOA_X
ClientSampleId :
LSP-TBRE

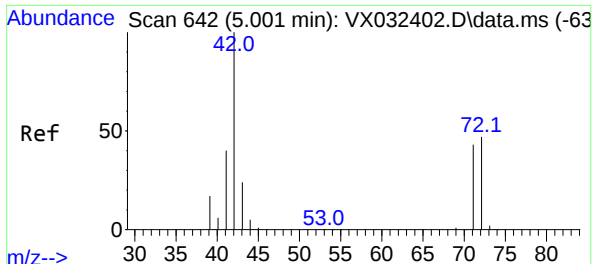
Tgt Ion: 76 Resp: 885
Ion Ratio Lower Upper
76 100
78 13.7 7.5 11.3#



#25
2-Butanone
Concen: 0.808 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#





#29

Tetrahydrofuran

Concen: 0.944 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

LSP-TBRE

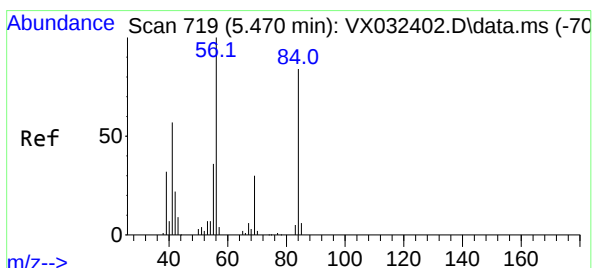
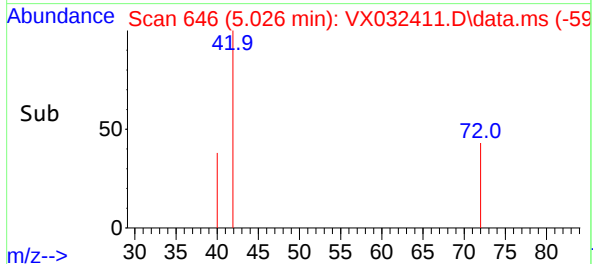
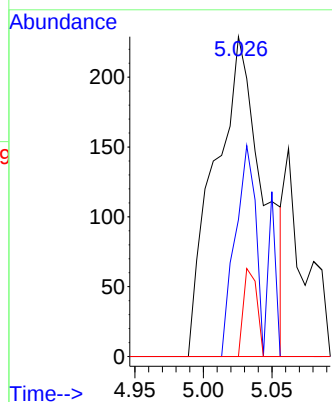
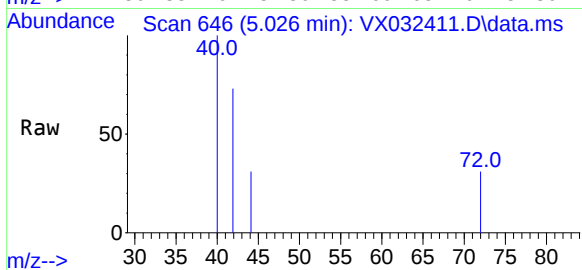
Tgt Ion: 42 Resp: 563

Ion Ratio Lower Upper

42 100

72 35.5 37.6 56.4#

71 7.6 34.7 52.1#



#31

Cyclohexane

Concen: 1.465 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

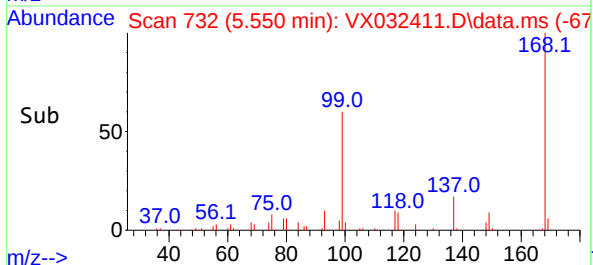
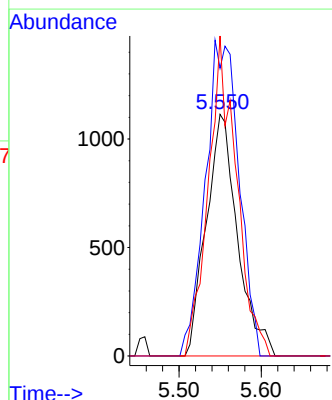
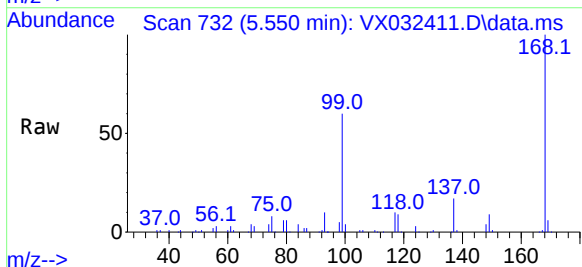
Tgt Ion: 56 Resp: 2951

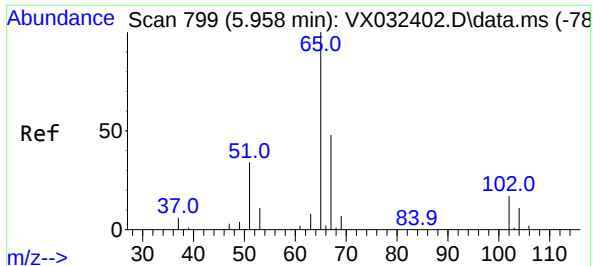
Ion Ratio Lower Upper

56 100

69 119.0 24.1 36.1#

84 132.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.469 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

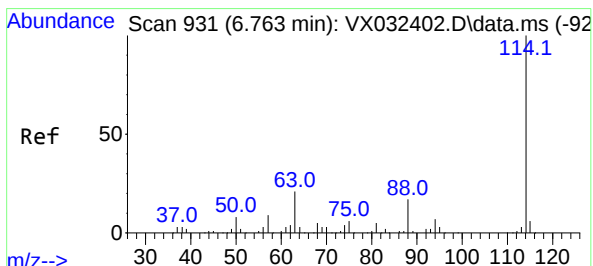
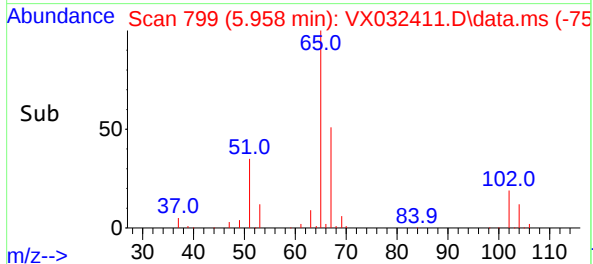
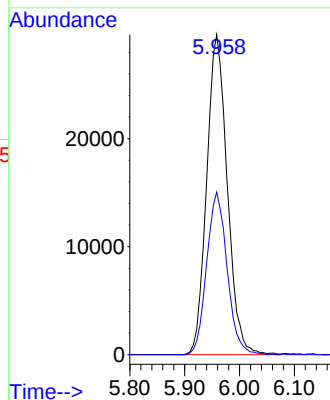
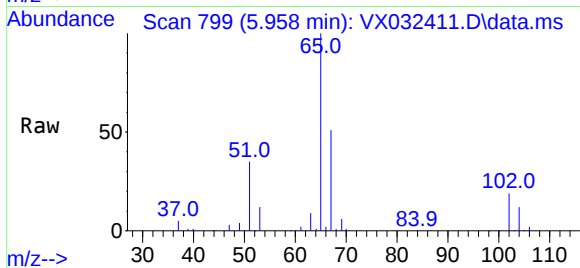
LSP-TBRE

Tgt Ion: 65 Resp: 77192

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# 931

Delta R.T. 0.000 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

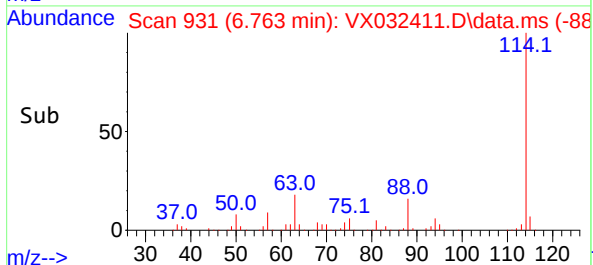
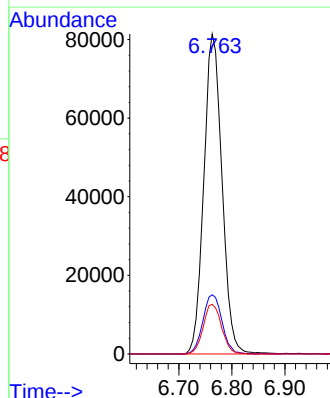
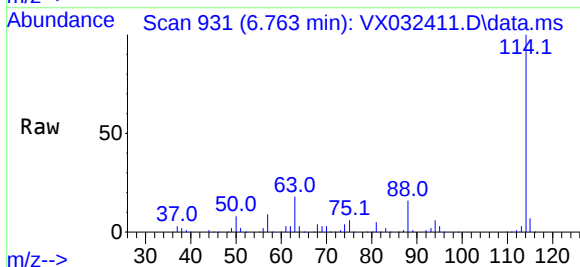
Tgt Ion: 114 Resp: 193792

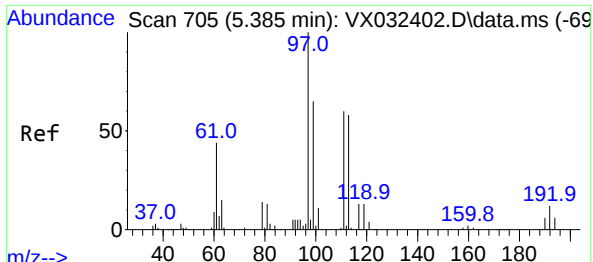
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 15.5 0.0 33.4

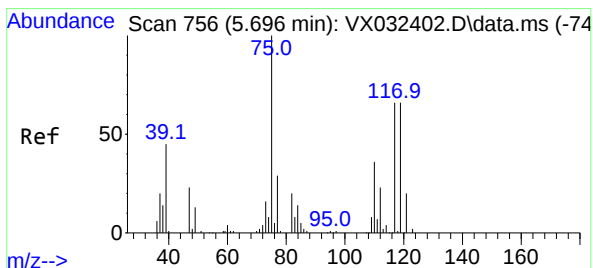
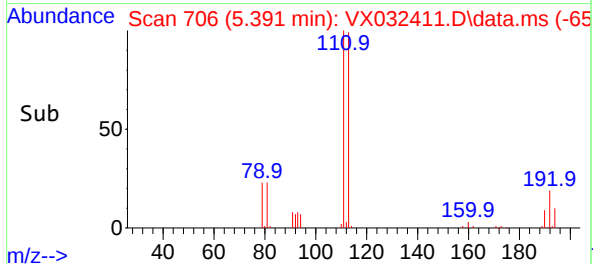
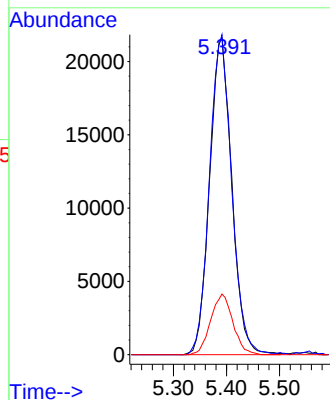
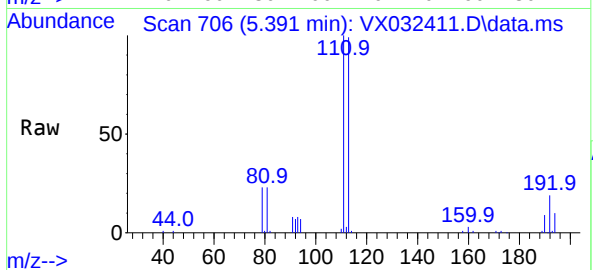




#35
Dibromofluoromethane
Concen: 45.322 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

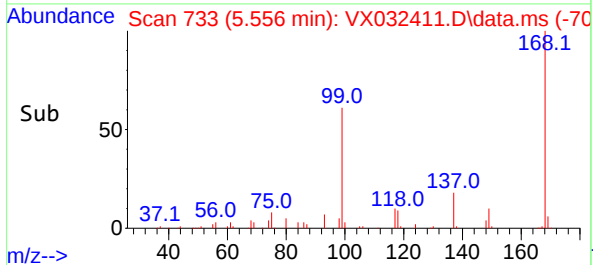
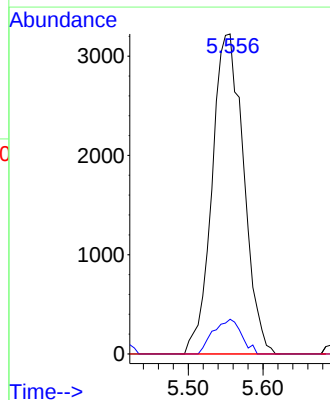
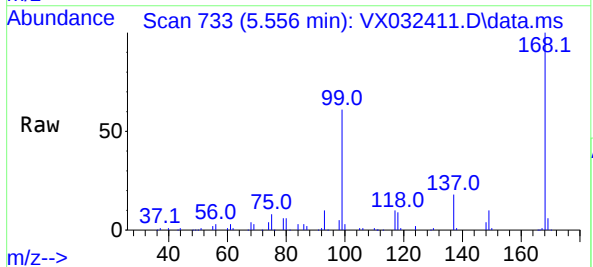
Instrument :
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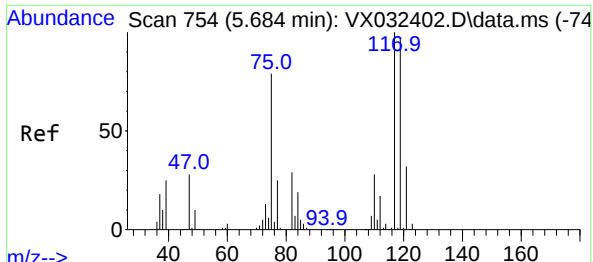
Tgt Ion:113 Resp: 62650
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

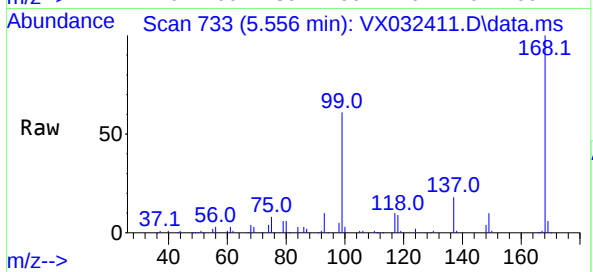
Tgt Ion: 75 Resp: 9443
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



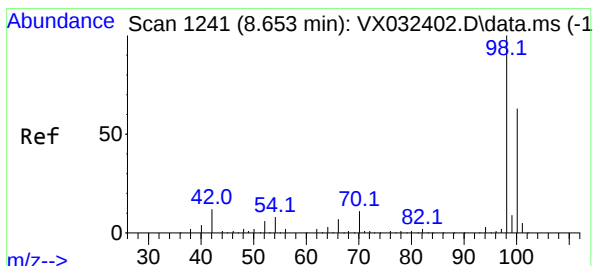
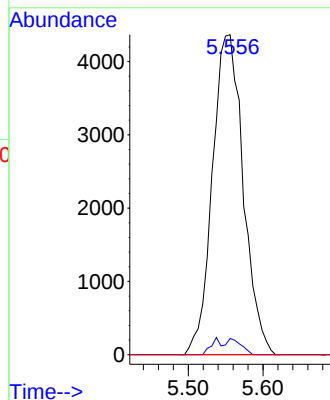
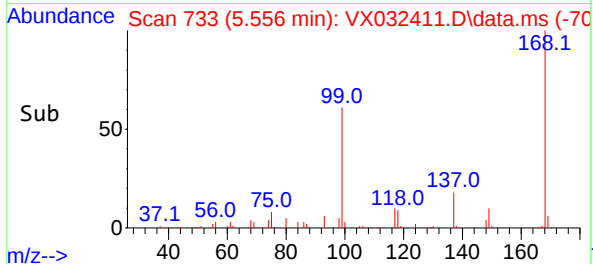


#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

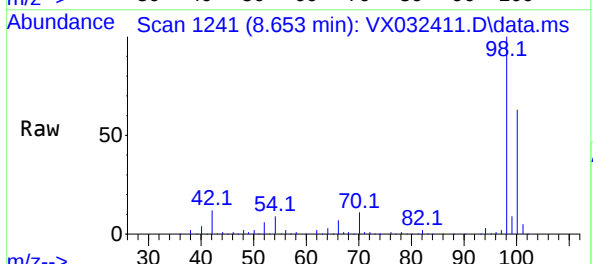
Instrument :
MSVOA_X
ClientSampleId :
LSP-TBRE



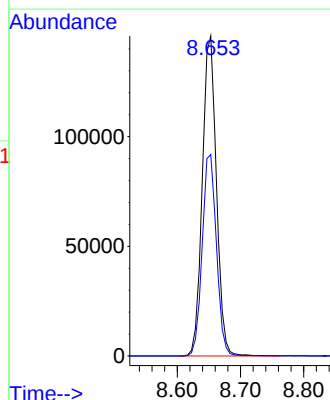
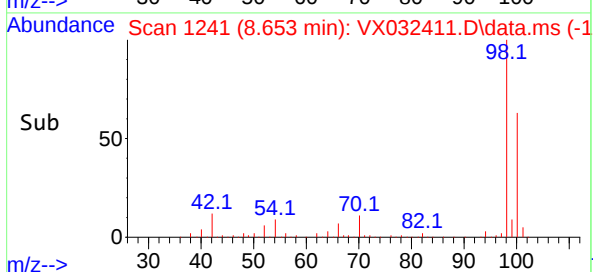
Tgt Ion:117 Resp: 12521
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#

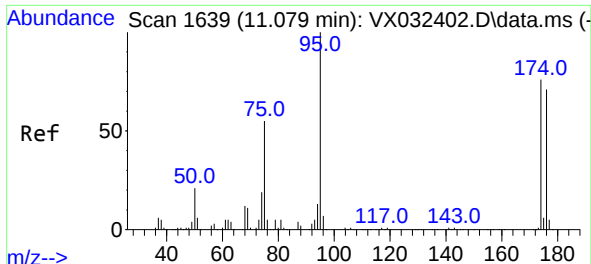


#50
Toluene-d8
Concen: 47.249 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51



Tgt Ion: 98 Resp: 227114
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 40.026 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032411.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

LSP-TBRE

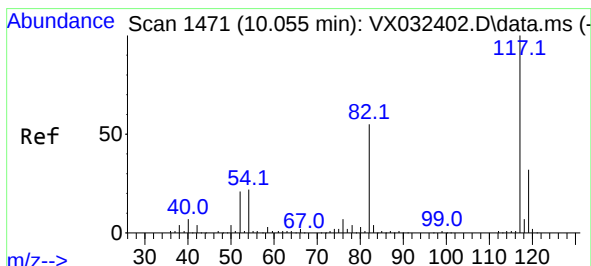
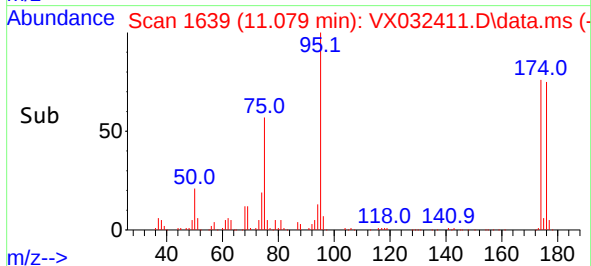
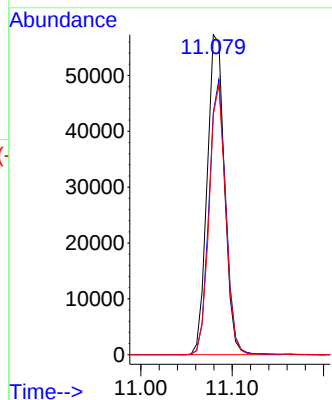
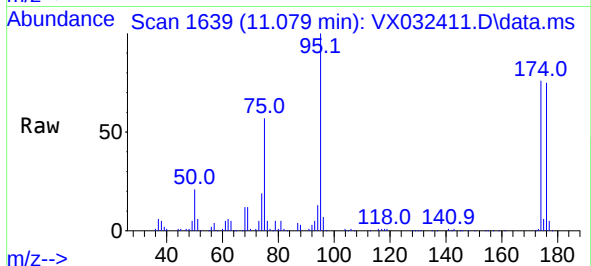
Tgt Ion: 95 Resp: 75153

Ion Ratio Lower Upper

95 100

174 83.3 0.0 164.0

176 80.4 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: VX032411.D

Acq: 26 Oct 2022 17:51

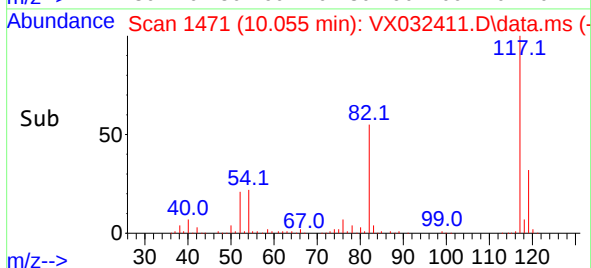
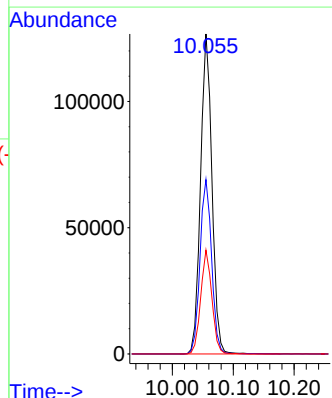
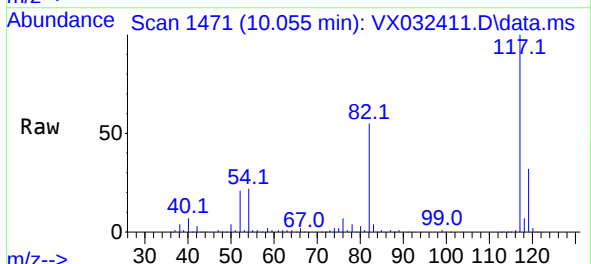
Tgt Ion: 117 Resp: 164859

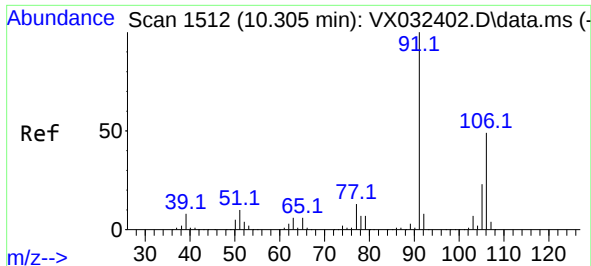
Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 32.4 25.7 38.5

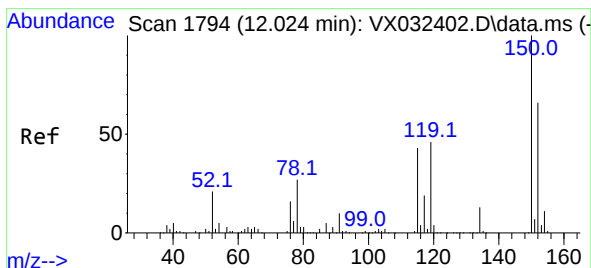
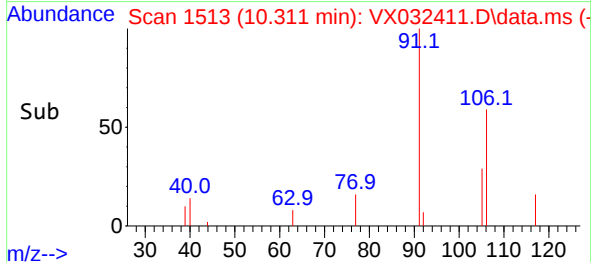
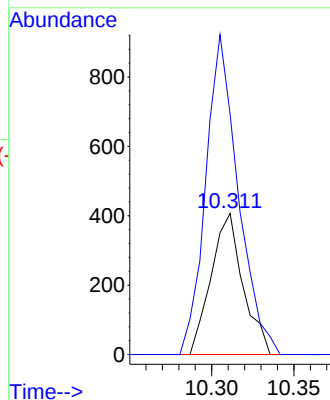
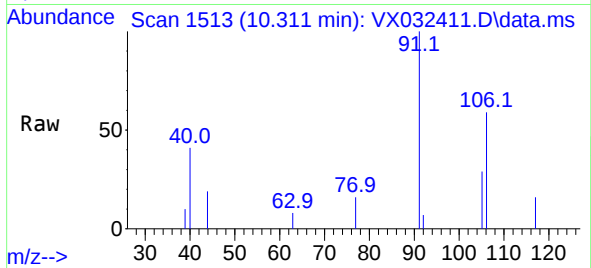




#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

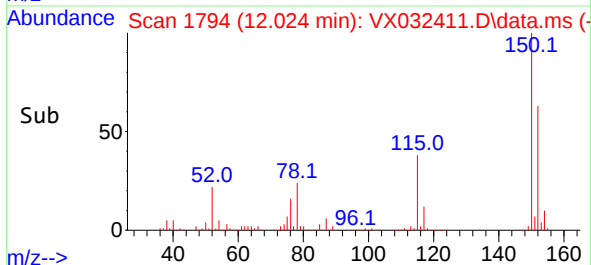
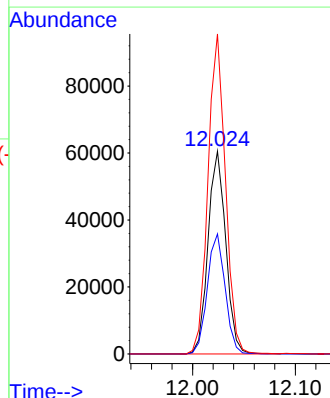
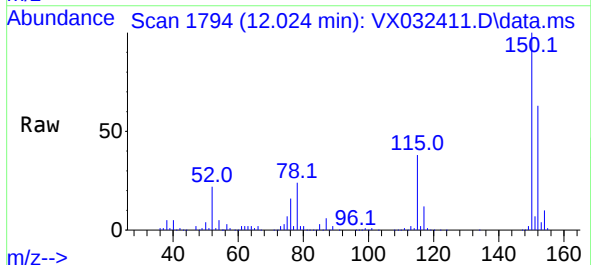
Instrument :
MSVOA_X
ClientSampleId :
LSP-TBRE

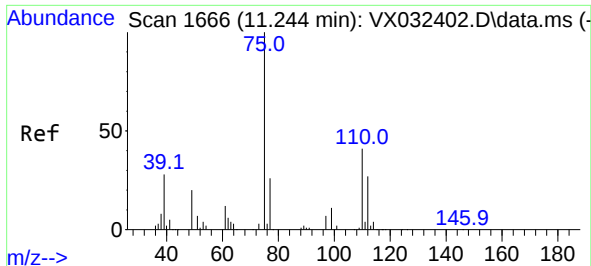
Tgt Ion:106 Resp: 548
Ion Ratio Lower Upper
106 100
91 230.7 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

Tgt Ion:152 Resp: 72545
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 155.4 0.0 351.8

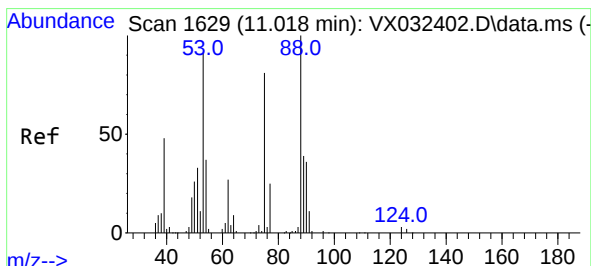
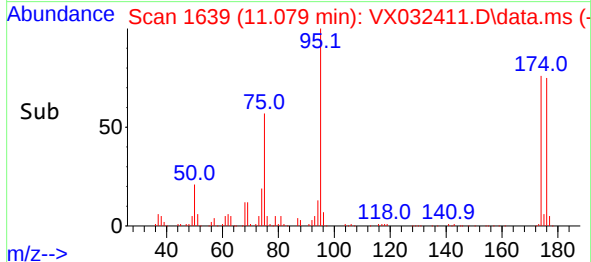
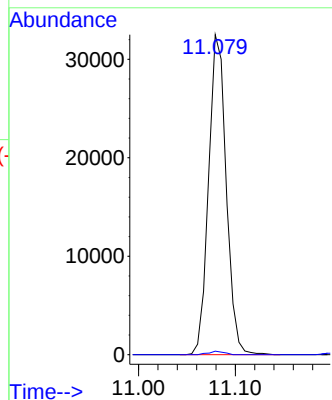
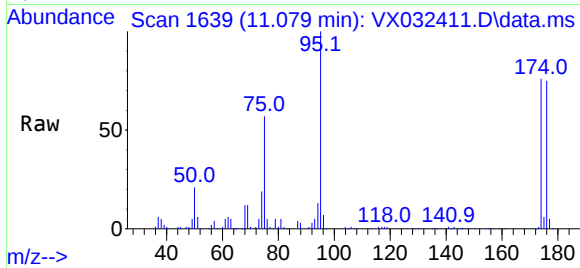




#76
1,2,3-Trichloropropane
Concen: 25.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :
LSP-TBRE

Tgt Ion: 75 Resp: 41254
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032411.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 75 Resp: 41254
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

