

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032341.D
 Acq On : 24 Oct 2022 15:33
 Operator : JC/MD
 Sample : N5237-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-RB

Quant Time: Oct 25 03:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

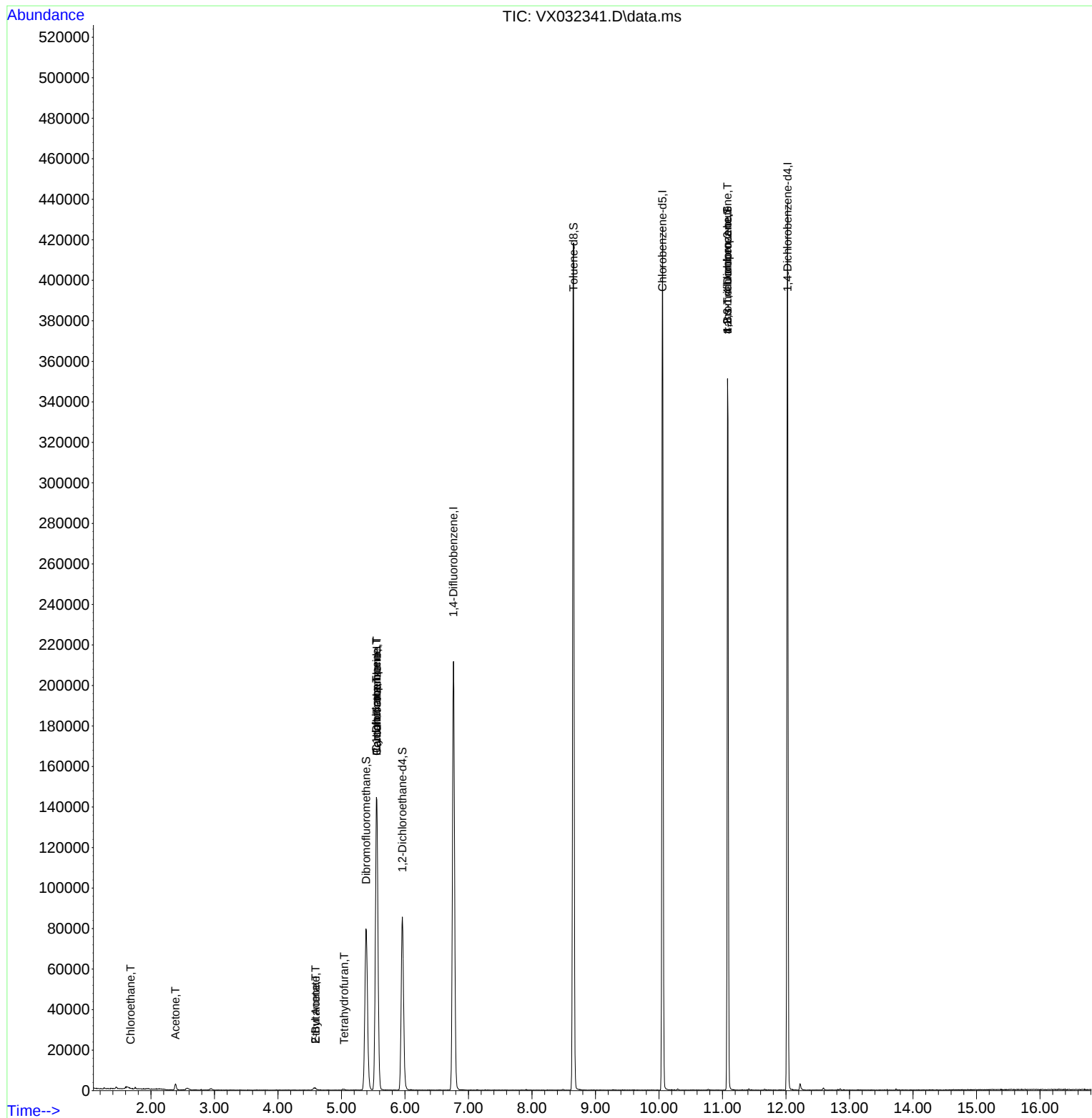
Internal Standards						
1) Pentafluorobenzene	5.556	168	135983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83766	47.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.700%
35) Dibromofluoromethane	5.385	113	69134	46.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.653	98	250788	46.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.079	95	86808	44.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	23	Below Cal	#	44
6) Chloroethane	1.679	64	23	1.969	ug/l #	41
11) Tert butyl alcohol	2.941	59	623	Below Cal	#	74
16) Acetone	2.386	43	3486	6.072	ug/l #	88
25) 2-Butanone	4.593	43	657	0.733	ug/l	94
29) Tetrahydrofuran	5.044	42	471	0.814	ug/l #	46
31) Cyclohexane	5.550	56	3064	1.515	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	10694	5.582	ug/l #	49
37) Ethyl Acetate	4.593	43	657	0.350	ug/l #	68
38) Carbon Tetrachloride	5.556	117	14417	7.129	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47119	26.775	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	47119	82.234	ug/l #	6

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

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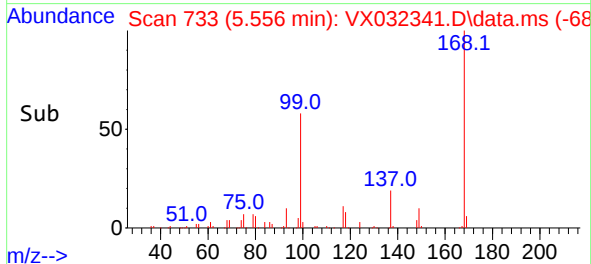
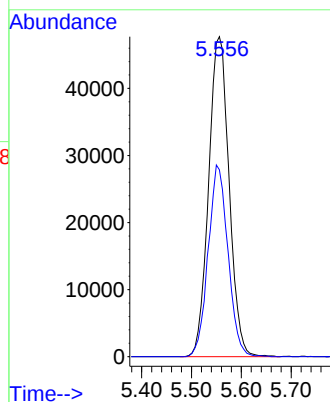
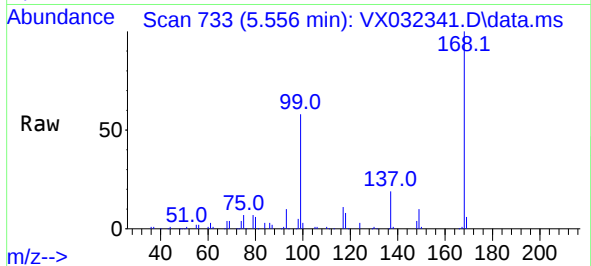




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

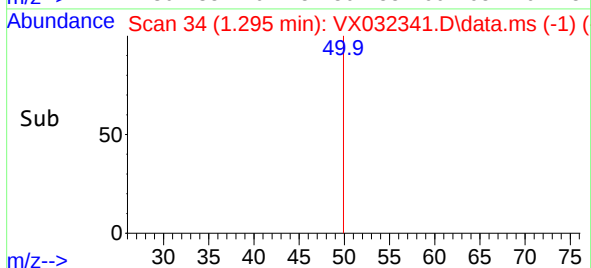
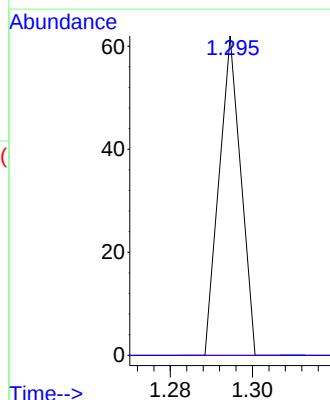
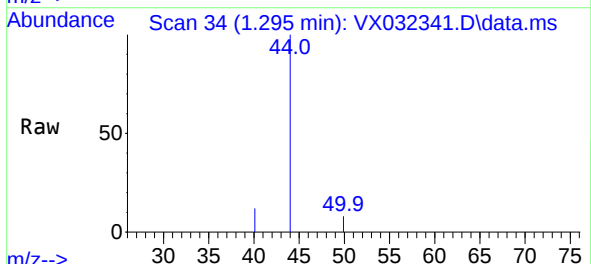
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

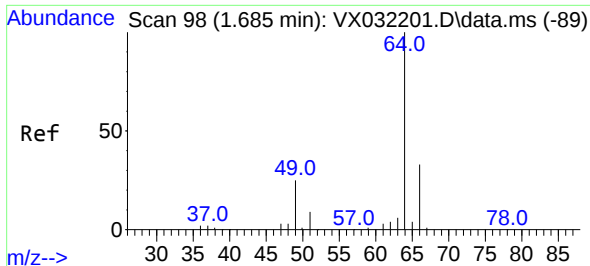
Tgt Ion:168 Resp: 135983
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 50 Resp: 23
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

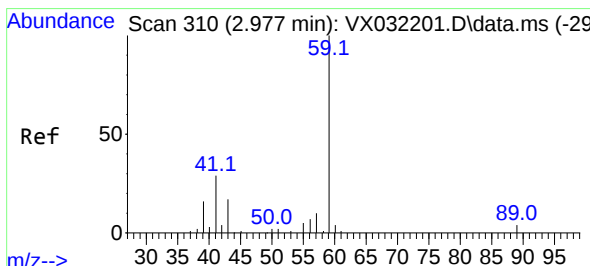
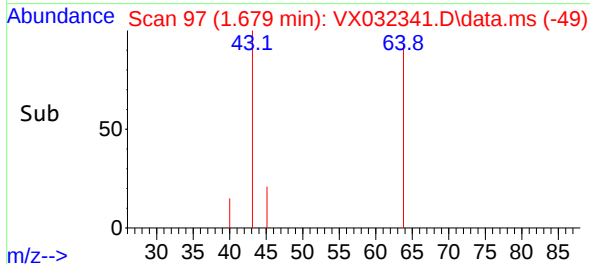
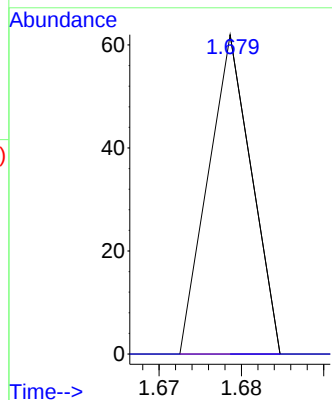
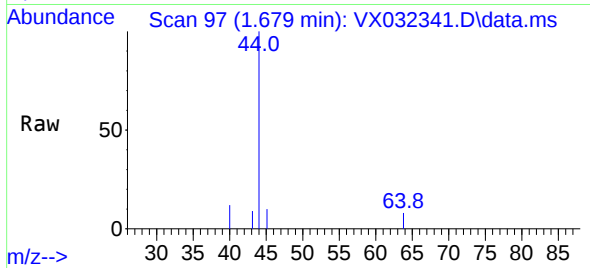




#6
Chloroethane
Concen: 1.969 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

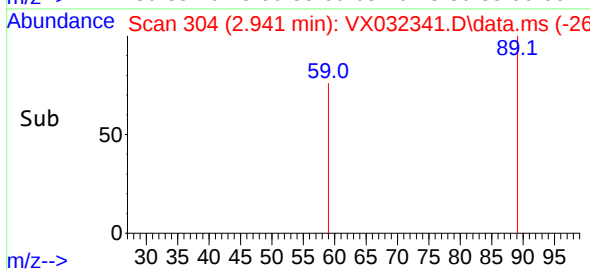
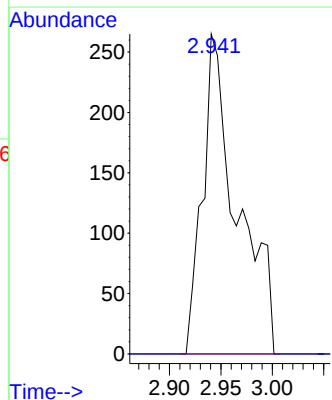
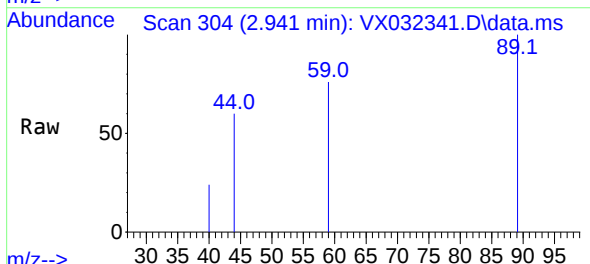
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

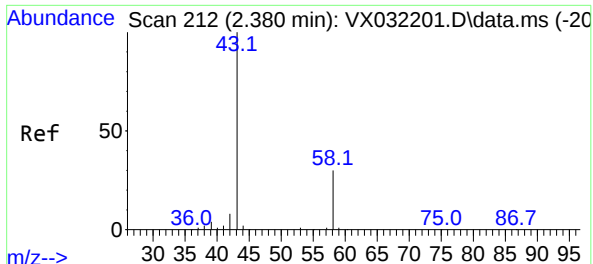
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 59 Resp: 623
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

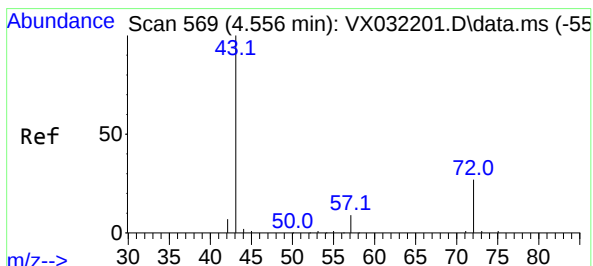
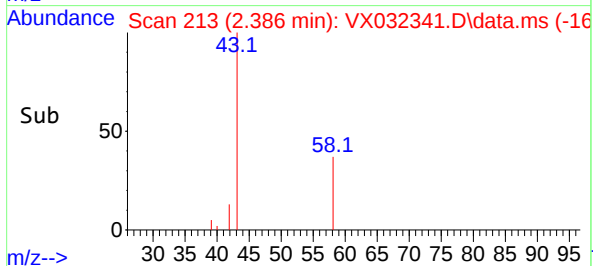
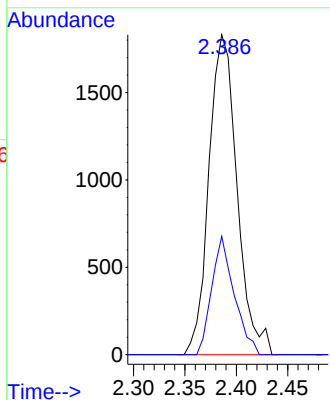
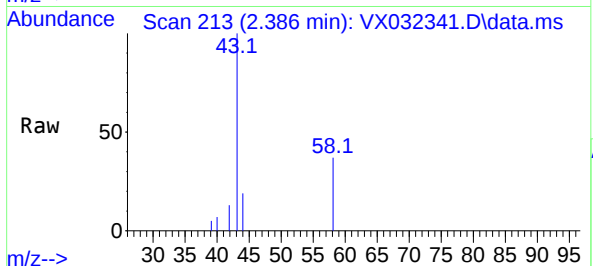




#16
Acetone
Concen: 6.072 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

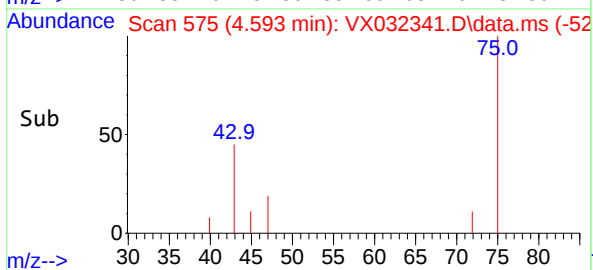
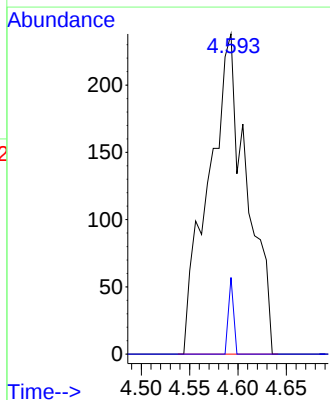
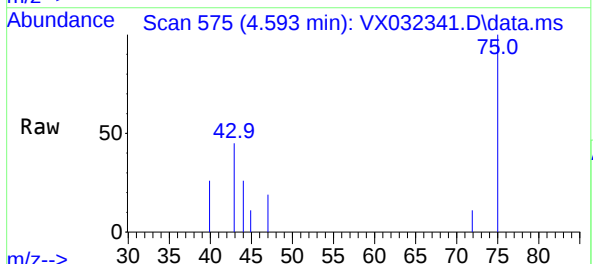
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

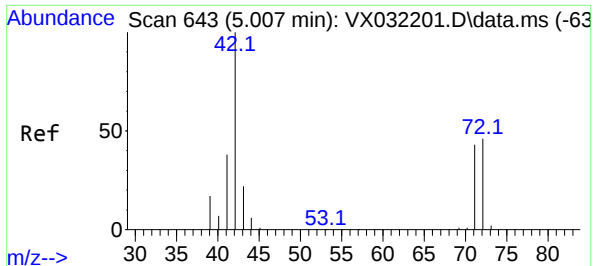
Tgt Ion: 43 Resp: 3486
Ion Ratio Lower Upper
43 100
58 37.0 24.2 36.2#



#25
2-Butanone
Concen: 0.733 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
72 23.9 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.814 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.037 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

LSP-RB

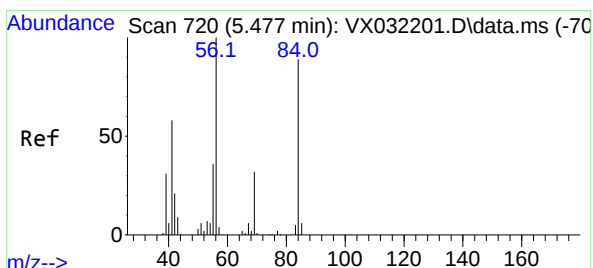
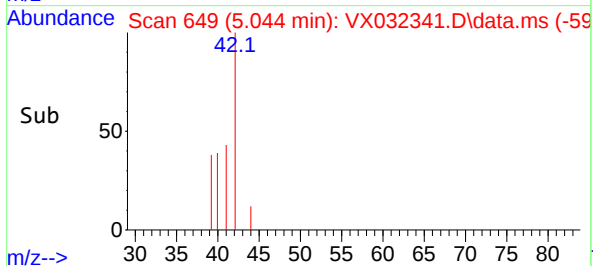
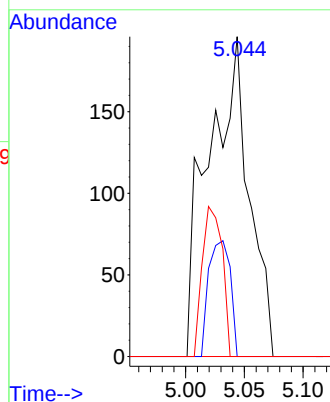
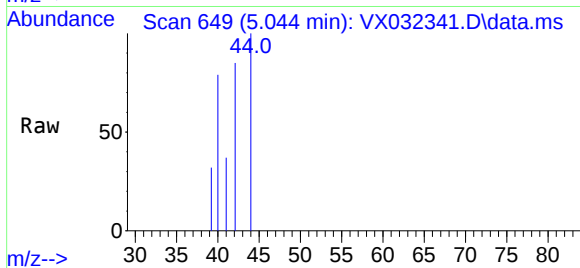
Tgt Ion: 42 Resp: 471

Ion Ratio Lower Upper

42 100

72 19.3 37.5 56.3#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.515 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

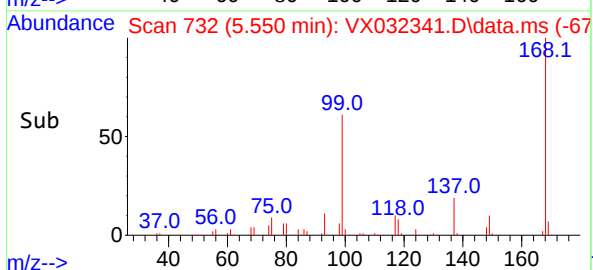
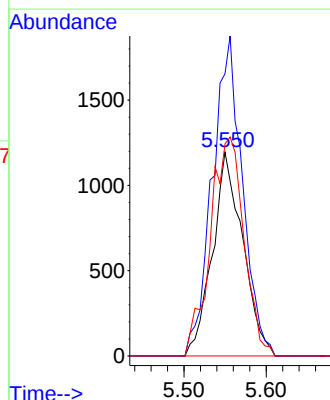
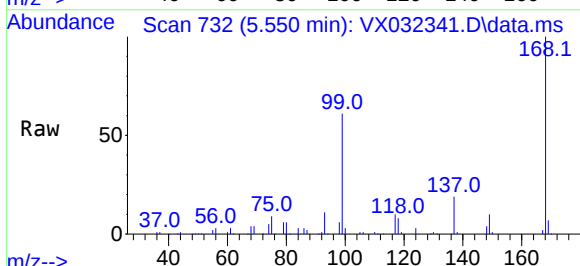
Tgt Ion: 56 Resp: 3064

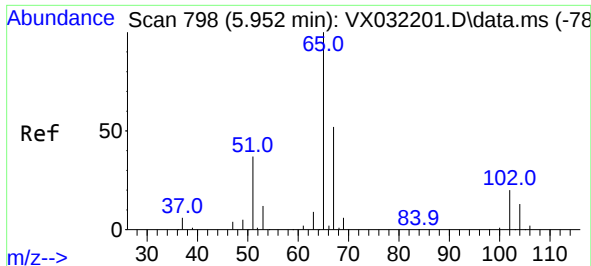
Ion Ratio Lower Upper

56 100

69 138.5 25.4 38.0#

84 104.1 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 47.352 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

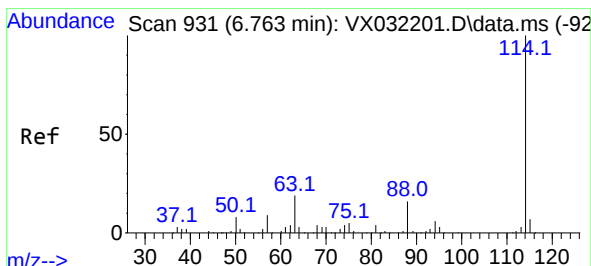
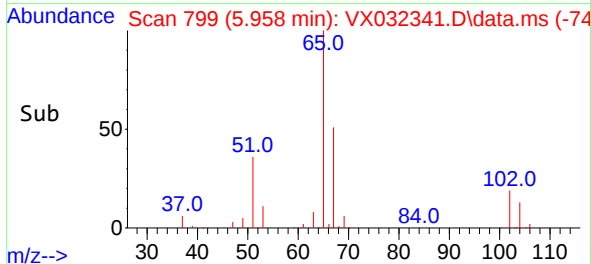
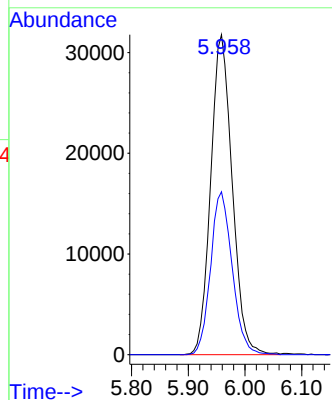
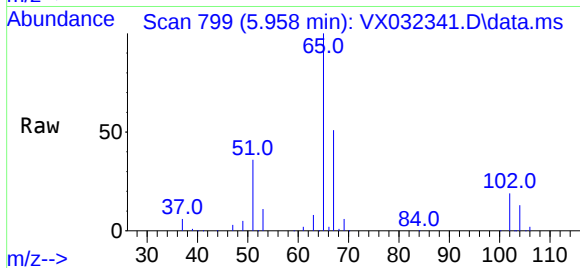
LSP-RB

Tgt Ion: 65 Resp: 83766

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

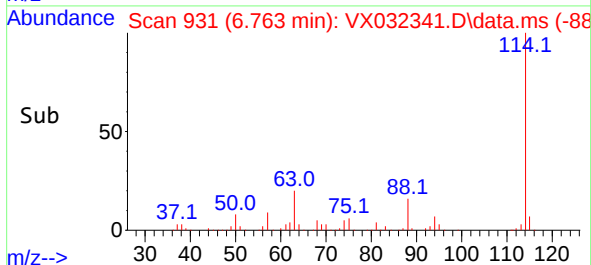
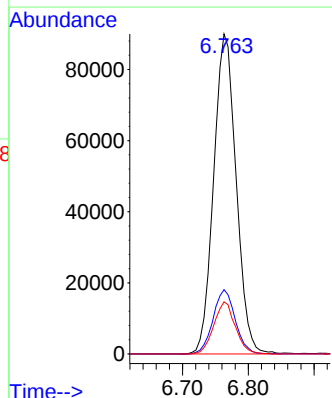
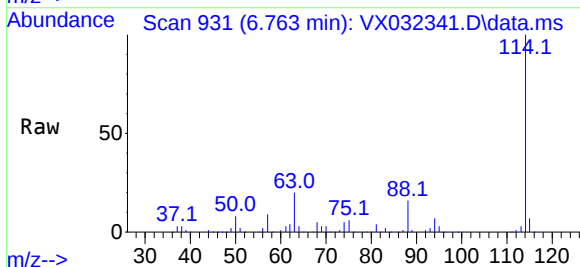
Tgt Ion: 114 Resp: 214016

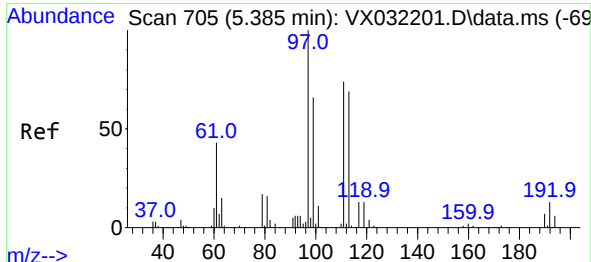
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.422 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

LSP-RB

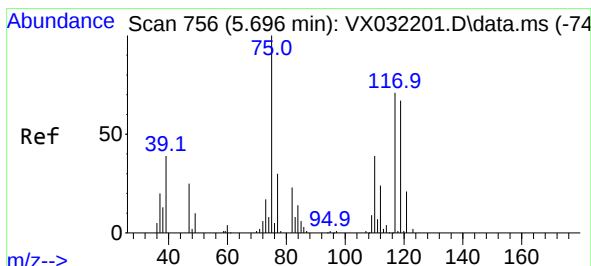
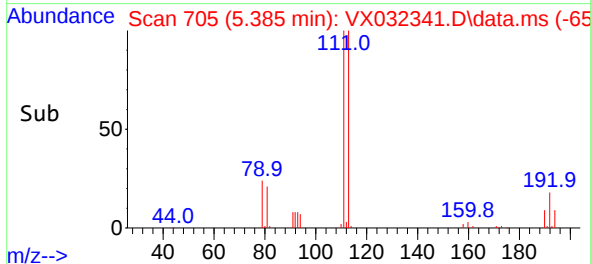
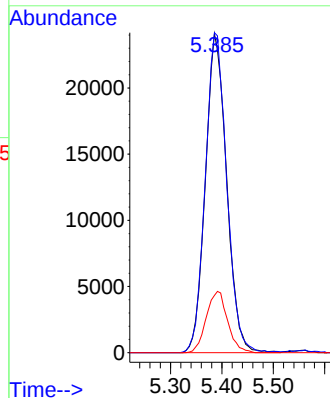
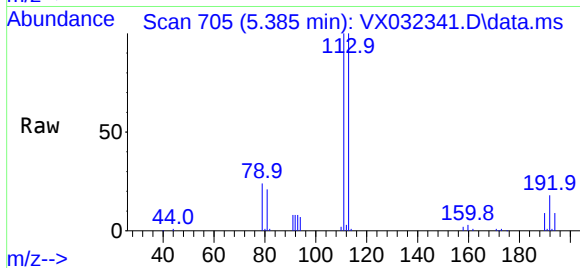
Tgt Ion:113 Resp: 69134

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

192 19.2 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.582 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032341.D

Acq: 24 Oct 2022 15:33

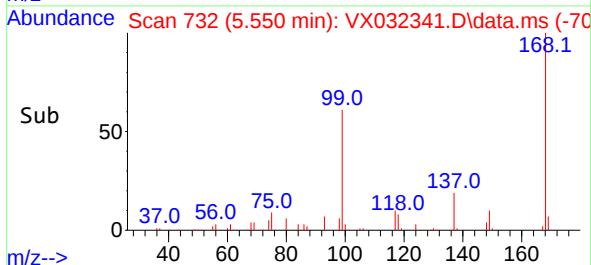
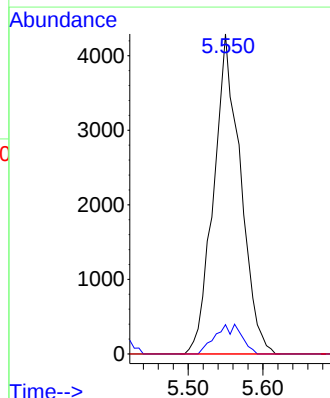
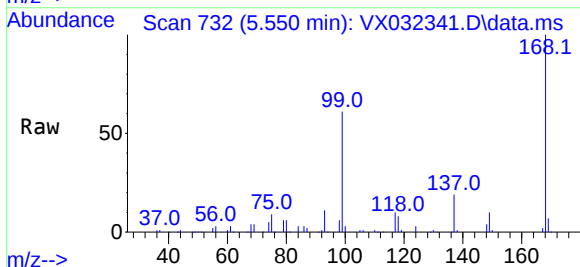
Tgt Ion: 75 Resp: 10694

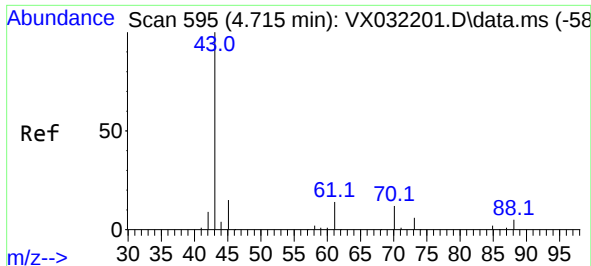
Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

77 0.0 24.7 37.1#

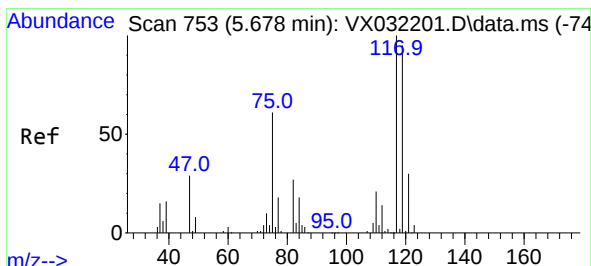
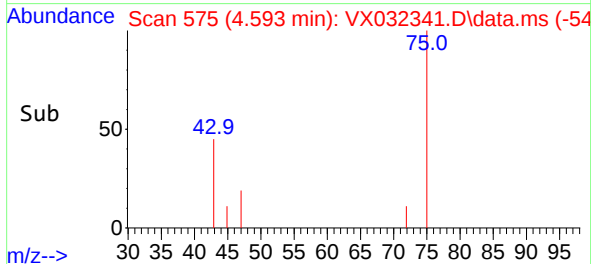
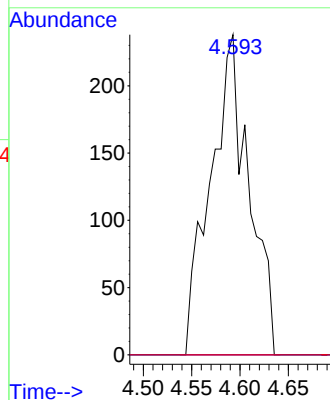
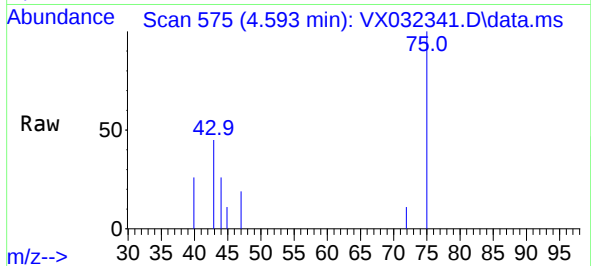




#37
Ethyl Acetate
Concen: 0.350 ug/l
RT: 4.593 min Scan# 51
Delta R.T. -0.122 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

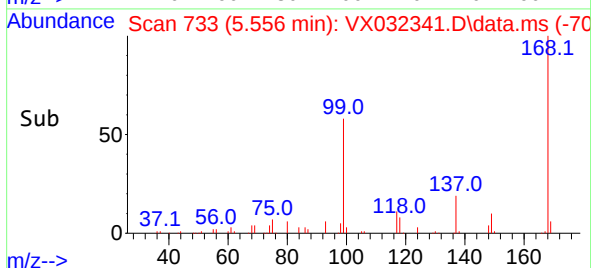
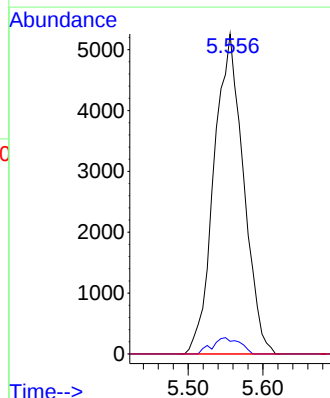
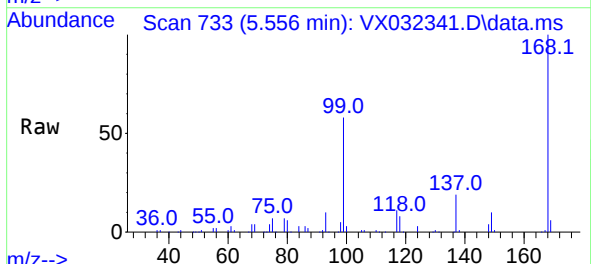
Instrument :
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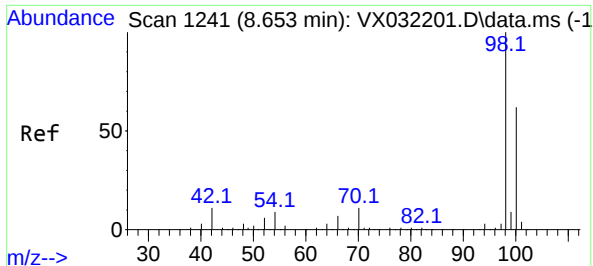
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 7.129 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 117 Resp: 14417
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 23.9 35.9#

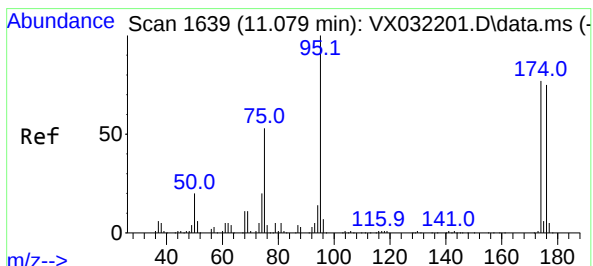
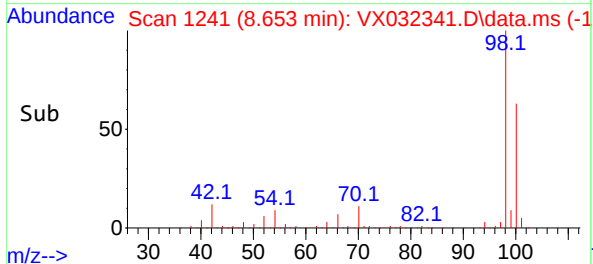
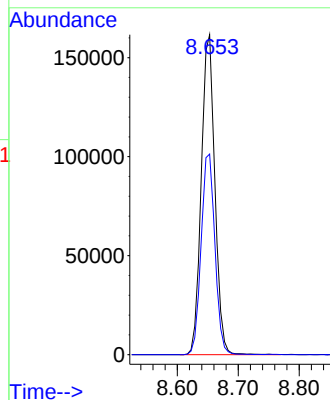
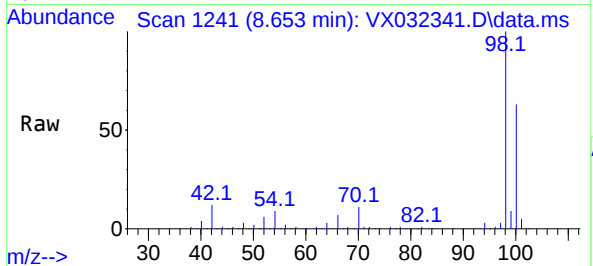




#50
Toluene-d8
Concen: 46.781 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

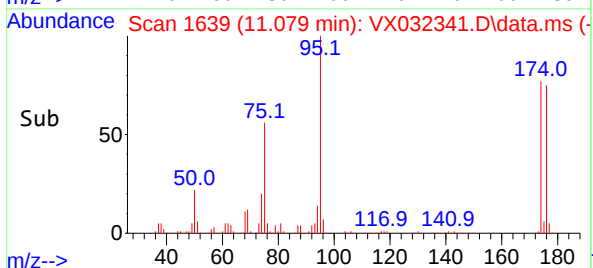
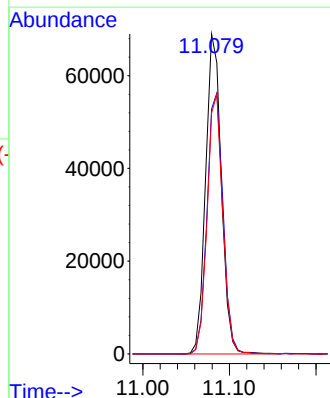
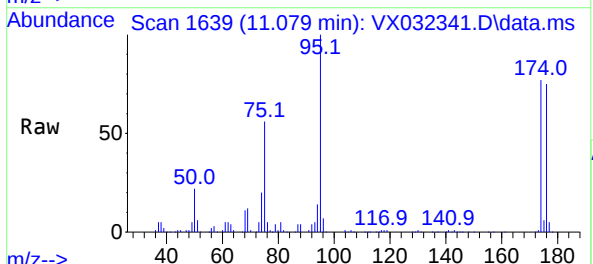
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

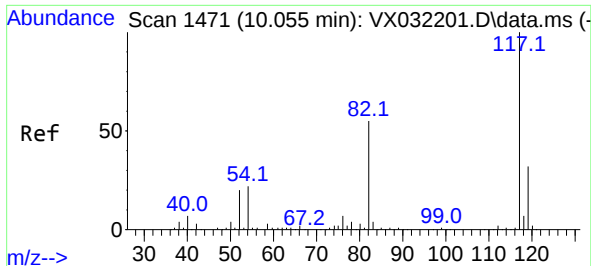
Tgt Ion: 98 Resp: 250788
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 95 Resp: 86808
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.8
176 80.7 0.0 161.4

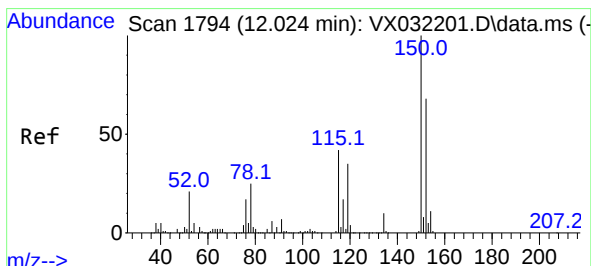
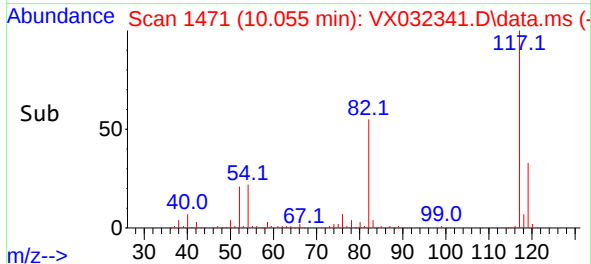
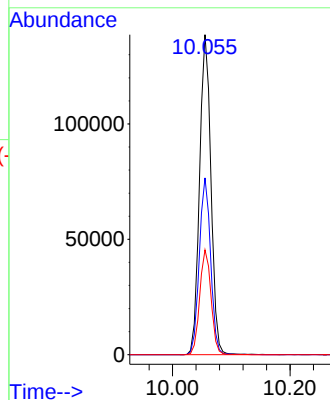
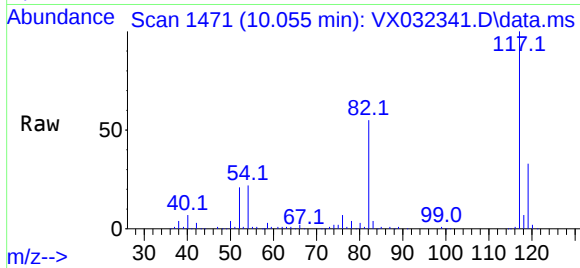




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

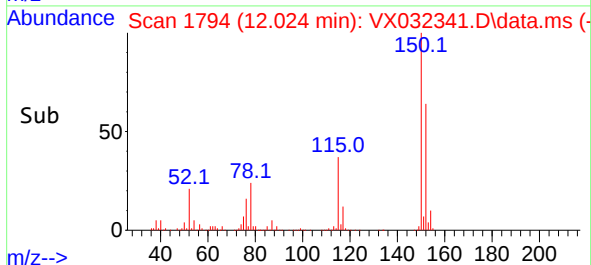
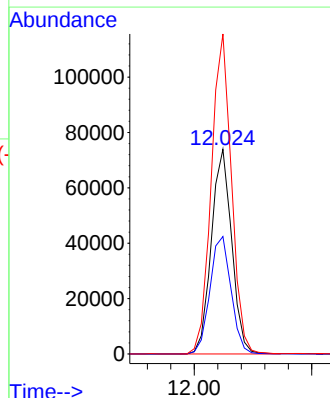
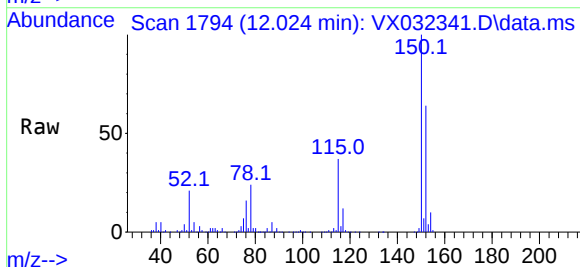
Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

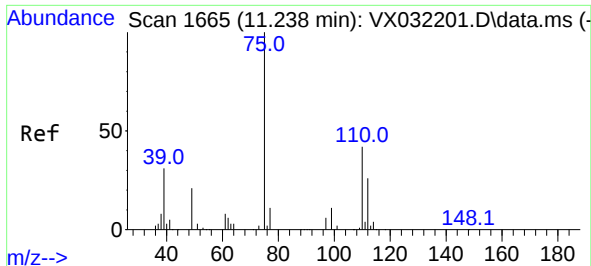
Tgt Ion:117 Resp: 186696
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion:152 Resp: 88816
Ion Ratio Lower Upper
152 100
115 59.6 43.1 129.4
150 154.8 0.0 348.6

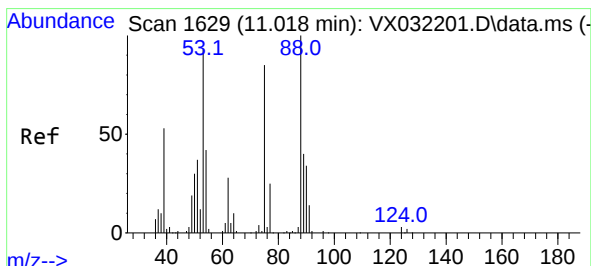
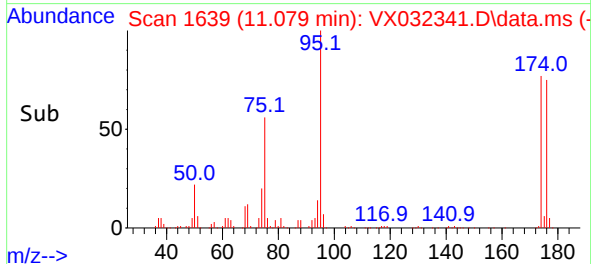
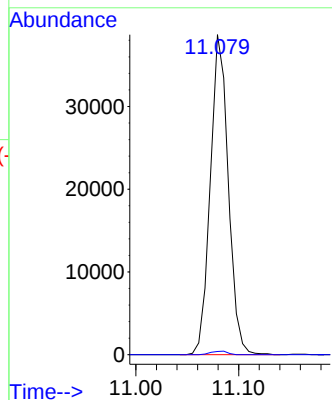
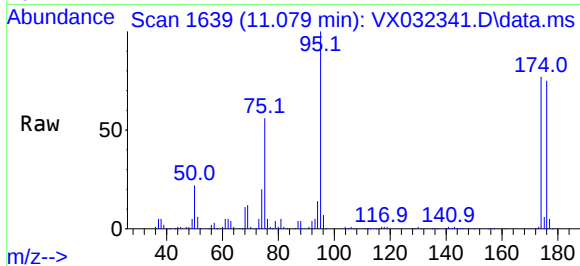




#76
1,2,3-Trichloropropane
Concen: 26.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Instrument :
MSVOA_X
ClientSampleId :
LSP-RB

Tgt Ion: 75 Resp: 47119
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032341.D
Acq: 24 Oct 2022 15:33

Tgt Ion: 75 Resp: 47119
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

