

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032605.D
 Acq On : 05 Nov 2022 05:10
 Operator : JC/MD
 Sample : N5483-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:09:11 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)

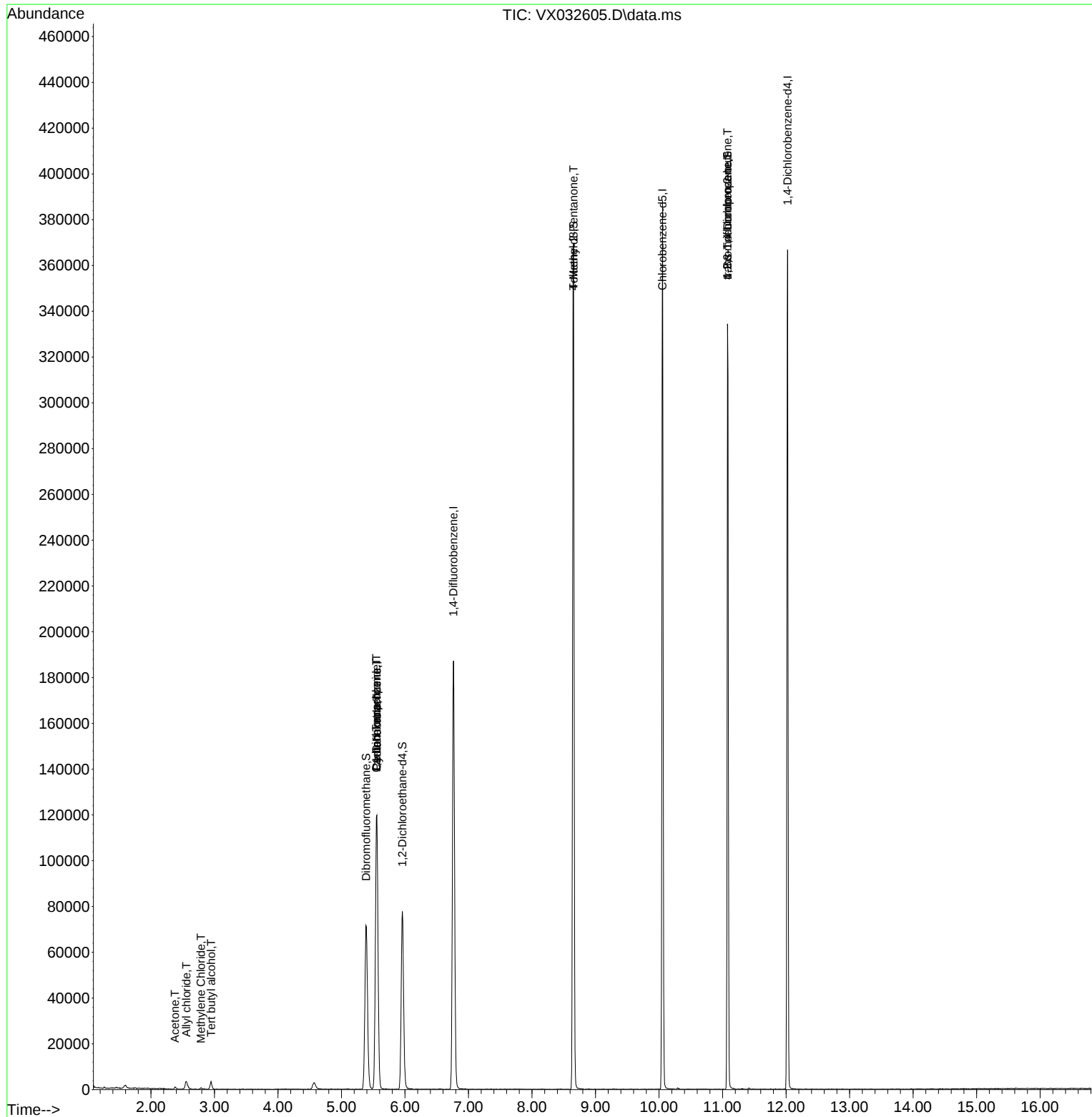
Internal Standards						
1) Pentafluorobenzene	5.556	168	113489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77443	49.111	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.385	113	60685	45.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.653	98	225280	48.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	84322	46.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1795	7.821	ug/l #	72
14) Allyl chloride	2.556	41	526	0.290	ug/l #	66
16) Acetone	2.380	43	1256	2.191	ug/l #	87
20) Methylene Chloride	2.788	84	352	0.268	ug/l #	67
31) Cyclohexane	5.556	56	2464	1.289	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8929	4.765	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11889	5.720	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1048	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46318	28.054	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46318	89.267	ug/l #	6

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

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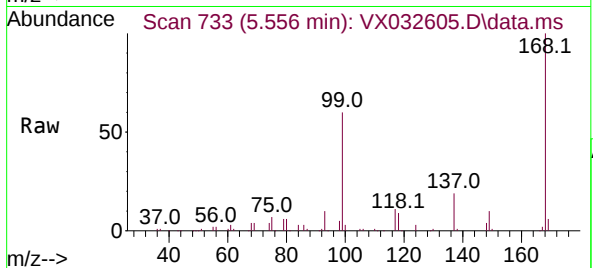
Quant Time: Nov 07 05:09:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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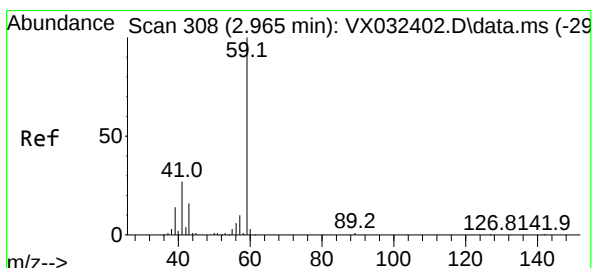
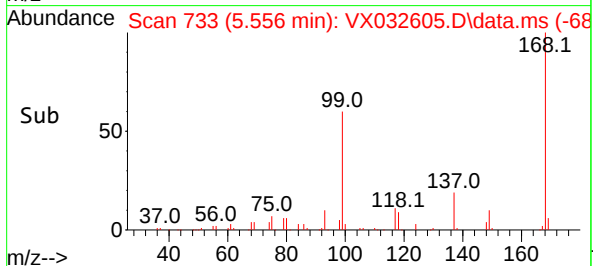
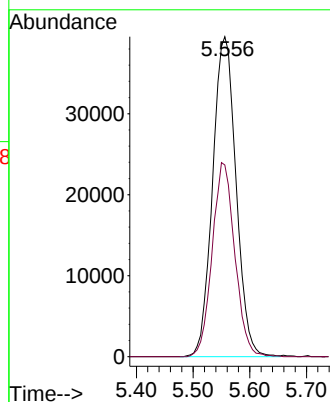


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Instrument :
MSVOA_X
ClientSampleId :

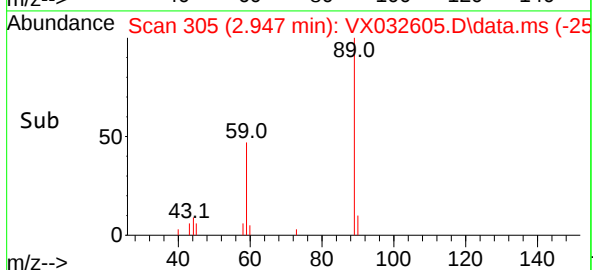
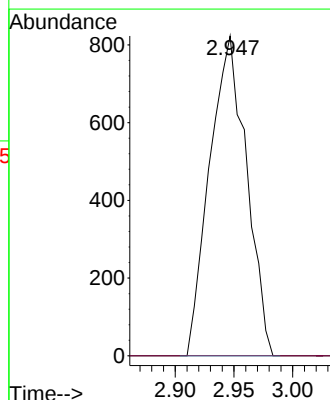
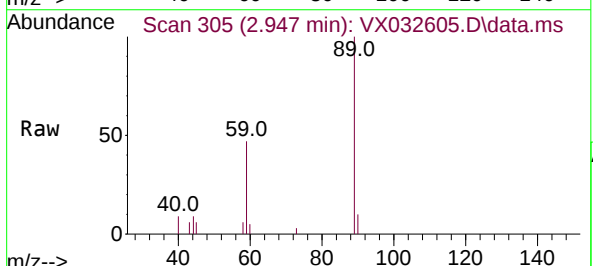


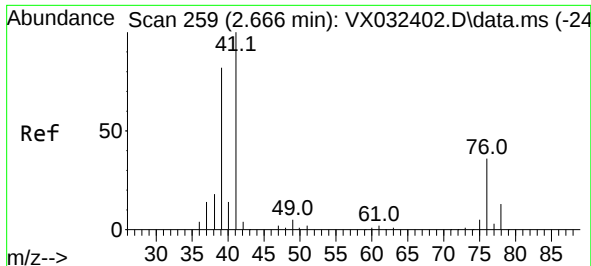
Tgt Ion:168 Resp: 113489
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.821 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

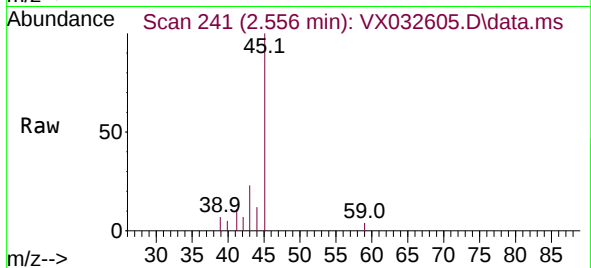
Tgt Ion: 59 Resp: 1795
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



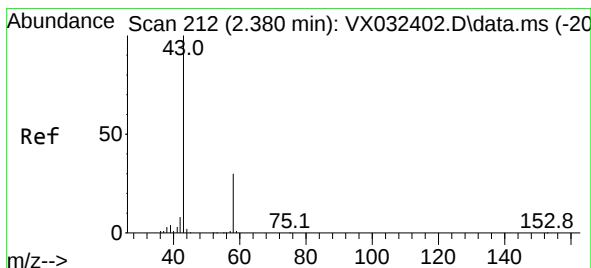
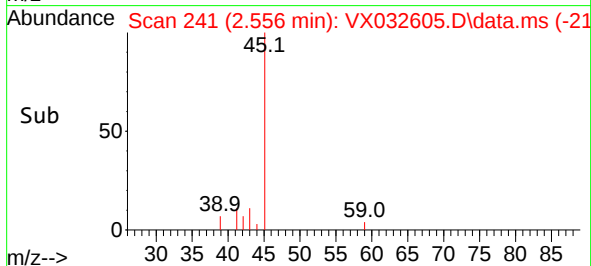
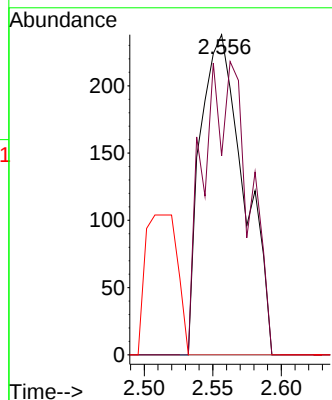


#14
 Allyl chloride
 Concen: 0.290 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.110 min
 Lab File: VX032605.D
 Acq: 05 Nov 2022 05:10

Instrument :
 MSVOA_X
 ClientSampleId :

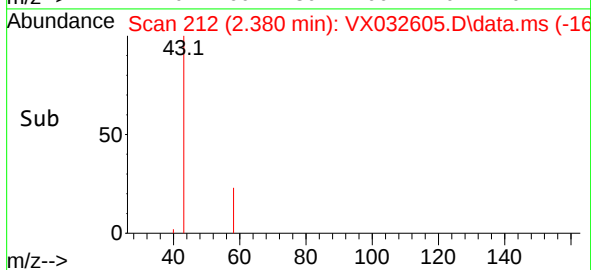
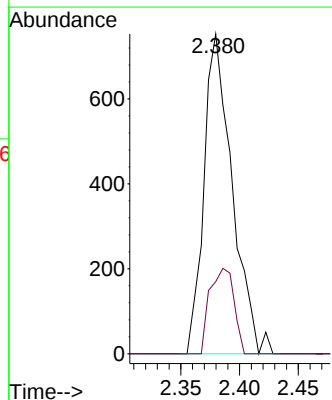
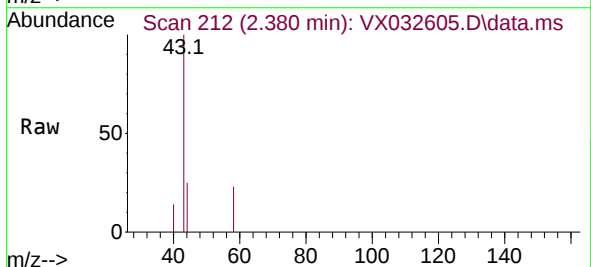


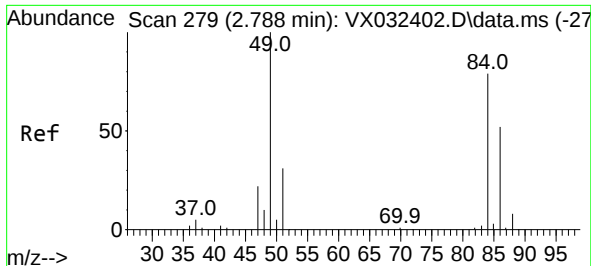
Tgt Ion	Ratio	Lower	Upper
41	100		
39	95.1	61.4	92.2#
76	0.0	29.2	43.8#



#16
 Acetone
 Concen: 2.191 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX032605.D
 Acq: 05 Nov 2022 05:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.6	23.8	35.8#





#20

Methylene Chloride

Concen: 0.268 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

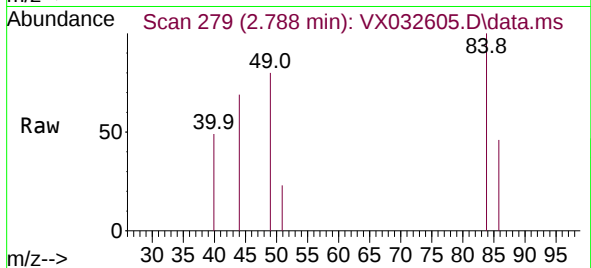
Lab File: VX032605.D

Acq: 05 Nov 2022 05:10

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 352

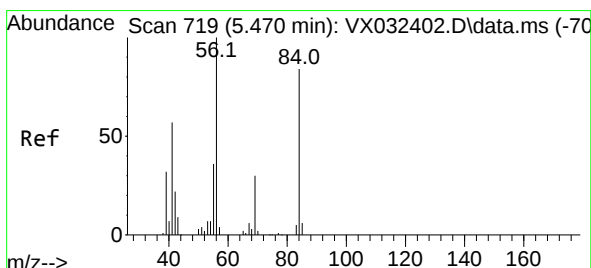
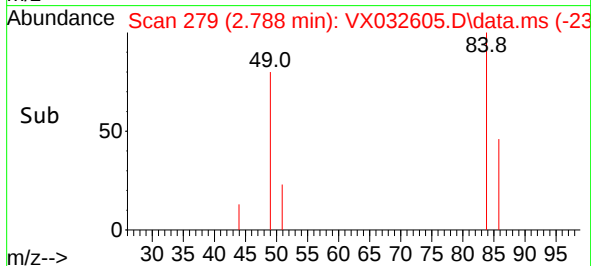
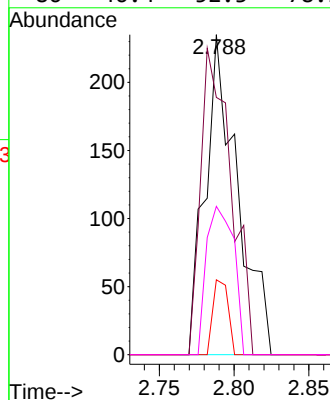
Ion Ratio Lower Upper

84 100

49 80.4 101.0 151.6#

51 23.4 31.1 46.7#

86 46.4 52.3 78.5#



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032605.D

Acq: 05 Nov 2022 05:10

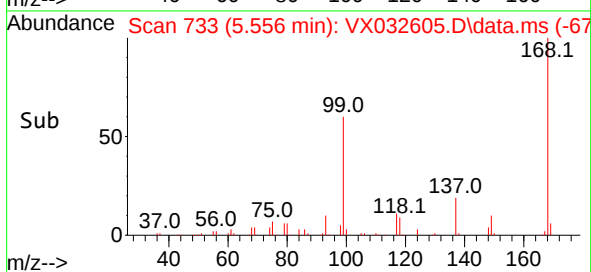
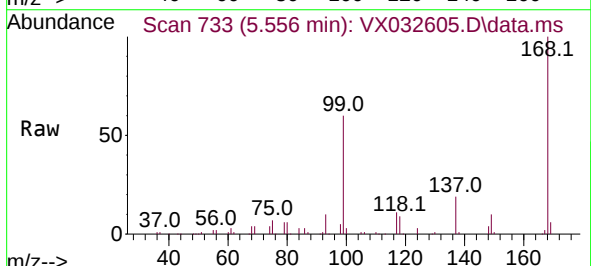
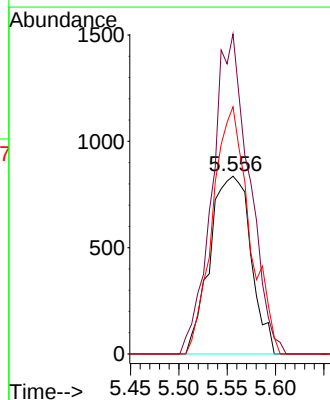
Tgt Ion: 56 Resp: 2464

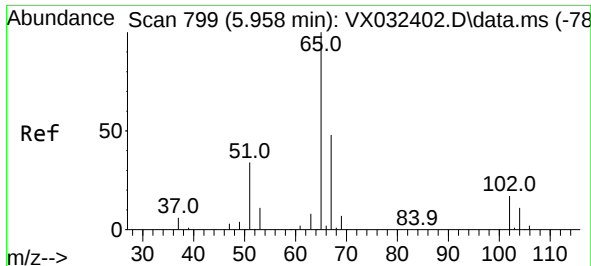
Ion Ratio Lower Upper

56 100

69 180.0 24.1 36.1#

84 139.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.111 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032605.D

Acq: 05 Nov 2022 05:10

Instrument :

MSVOA_X

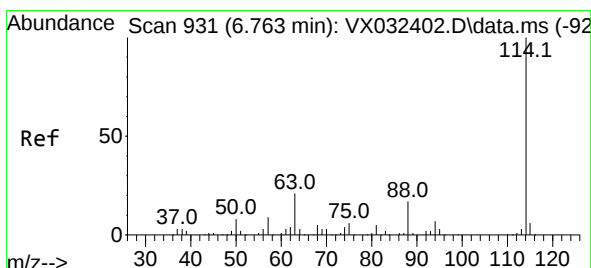
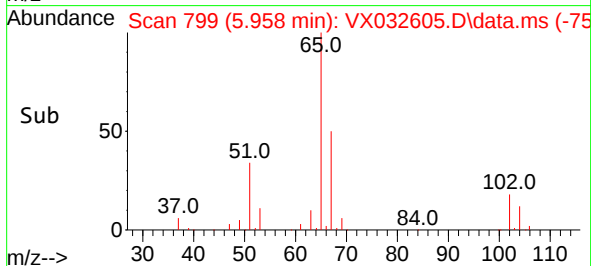
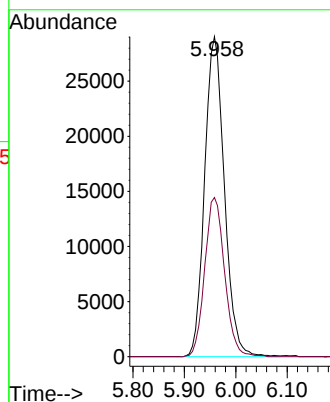
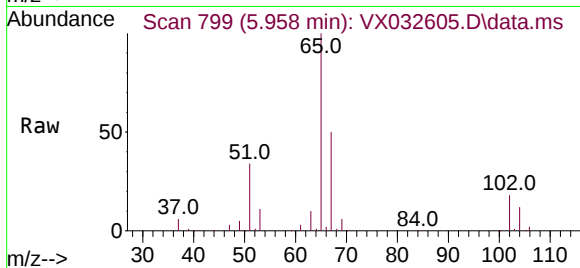
ClientSampleId :

Tgt Ion: 65 Resp: 77443

Ion Ratio Lower Upper

65 100

67 50.1 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: VX032605.D

Acq: 05 Nov 2022 05:10

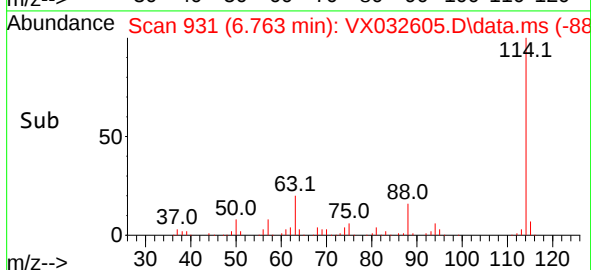
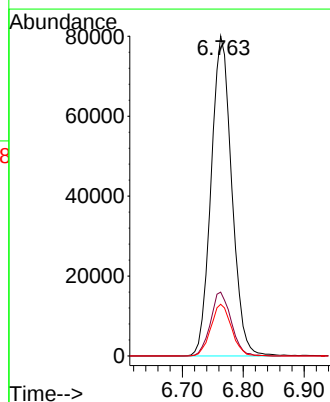
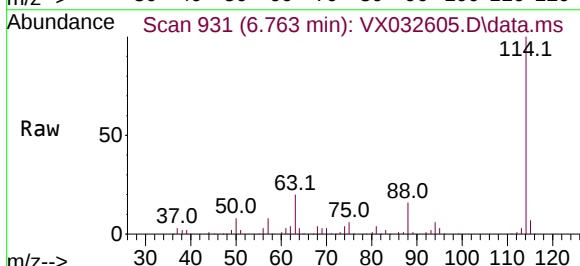
Tgt Ion: 114 Resp: 188647

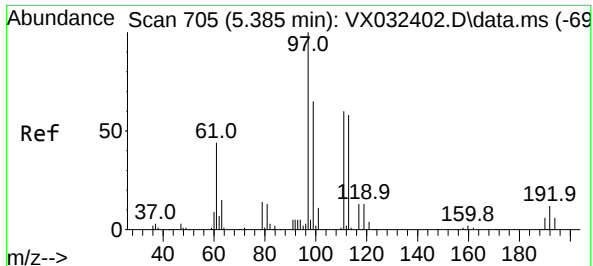
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.2 0.0 33.4

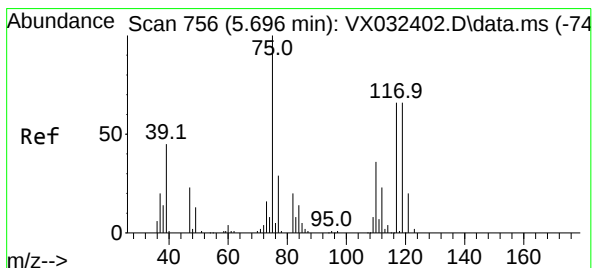
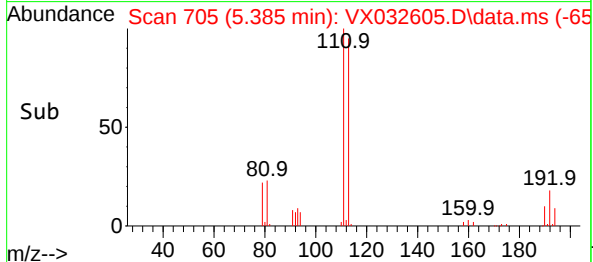
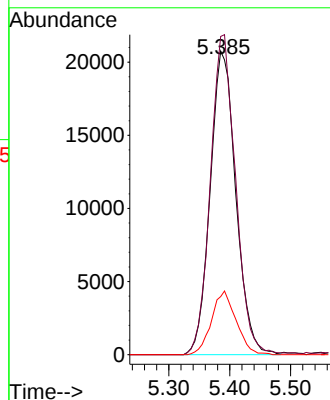
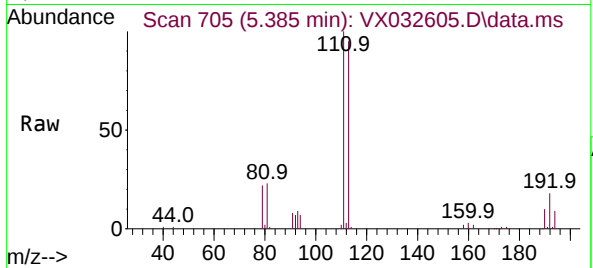




#35
Dibromofluoromethane
Concen: 45.098 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

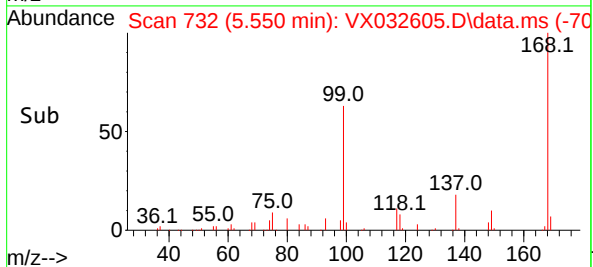
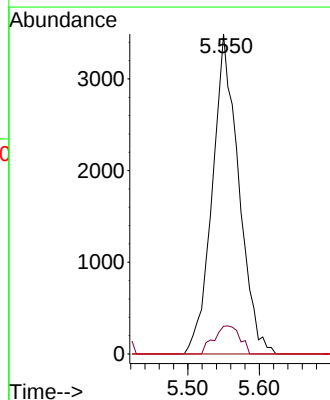
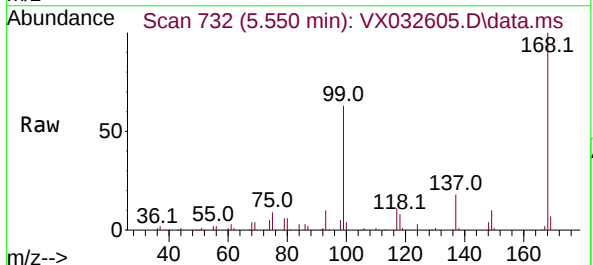
Instrument :
MSVOA_X
ClientSampleId :

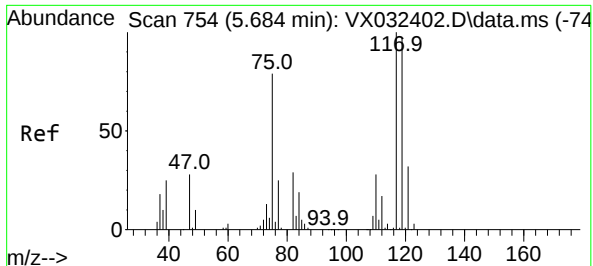
Tgt Ion:113 Resp: 60685
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

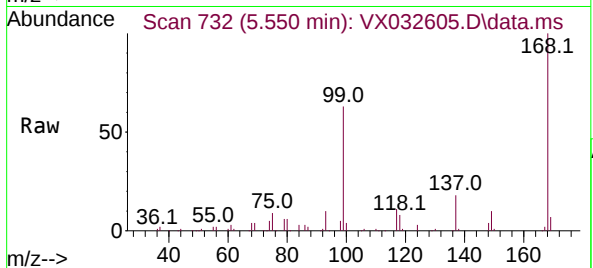
Tgt Ion: 75 Resp: 8929
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.5 36.7#



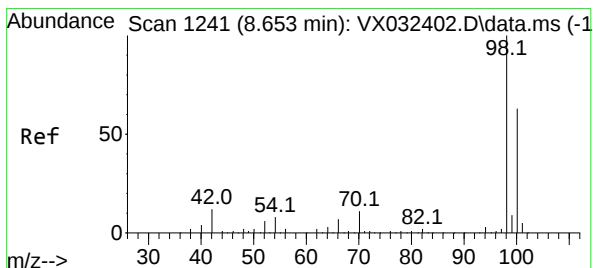
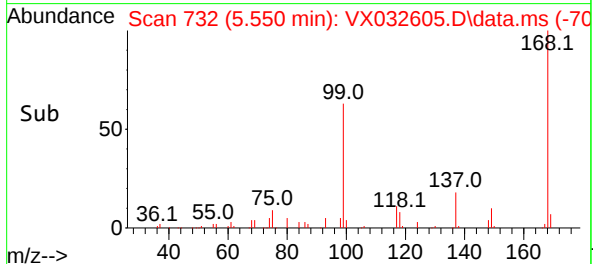
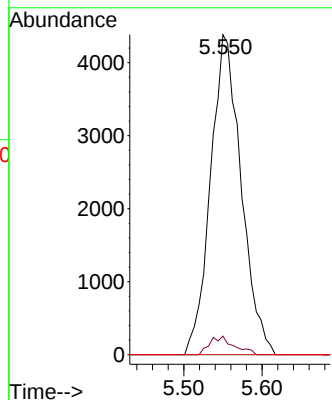


#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Instrument :
MSVOA_X
ClientSampleId :

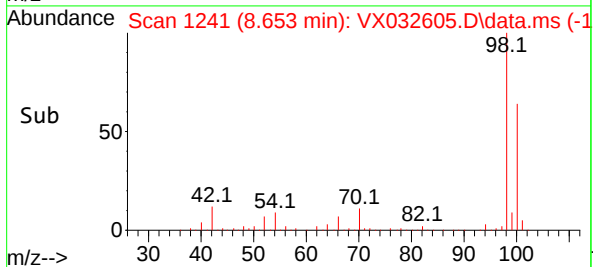
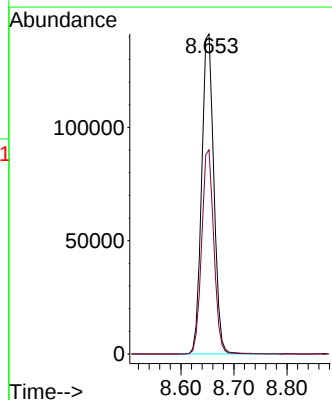
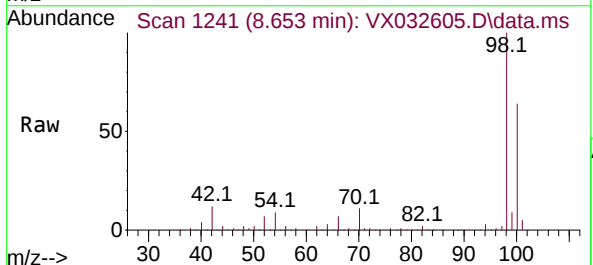


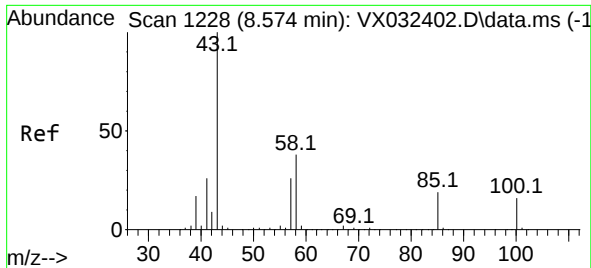
Tgt Ion:117 Resp: 11889
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.146 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Tgt Ion: 98 Resp: 225280
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032605.D

Acq: 05 Nov 2022 05:10

Instrument :

MSVOA_X

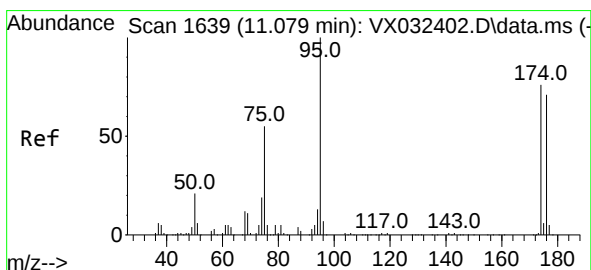
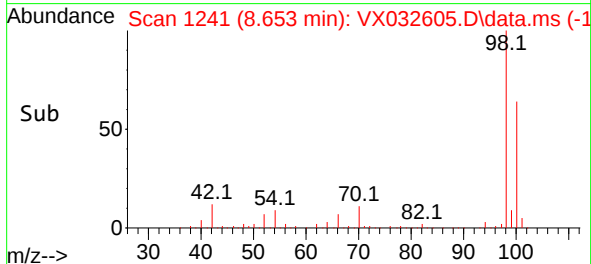
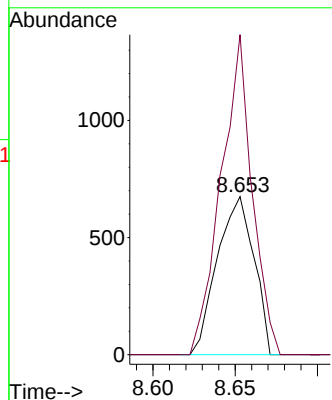
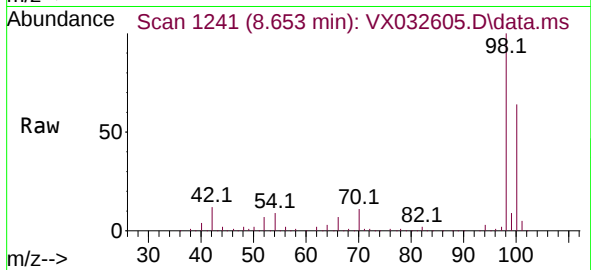
ClientSampleId :

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

58 171.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.134 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032605.D

Acq: 05 Nov 2022 05:10

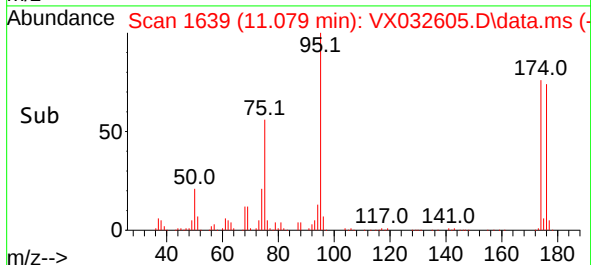
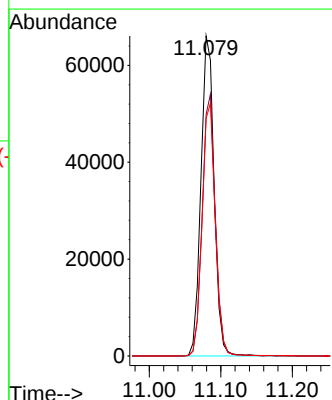
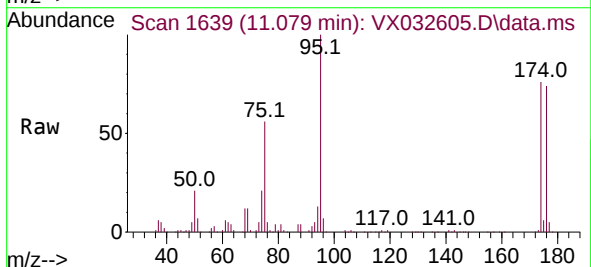
Tgt Ion: 95 Resp: 84322

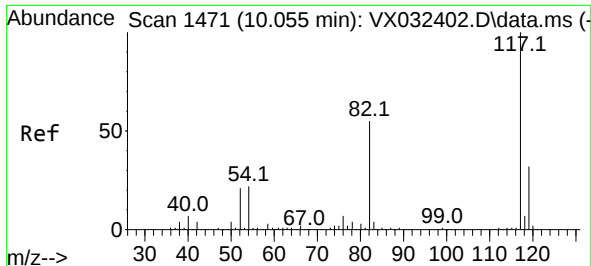
Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 79.3 0.0 154.4

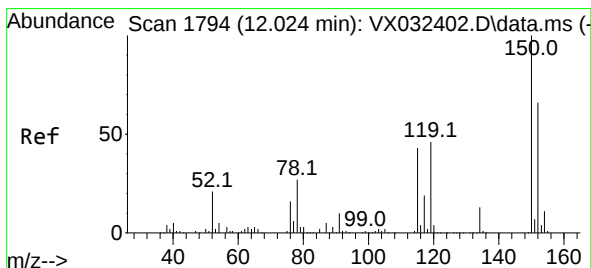
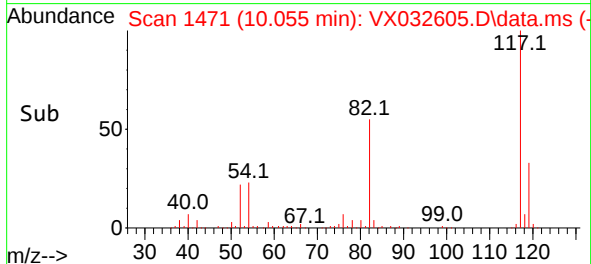
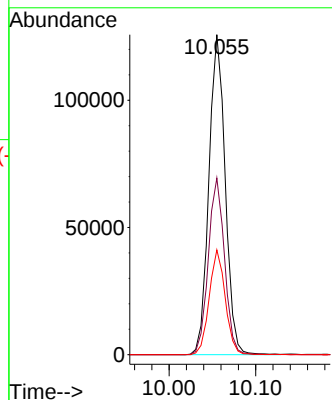
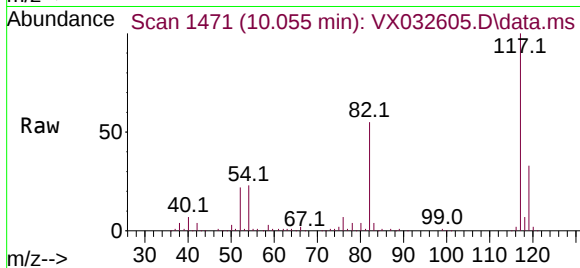




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

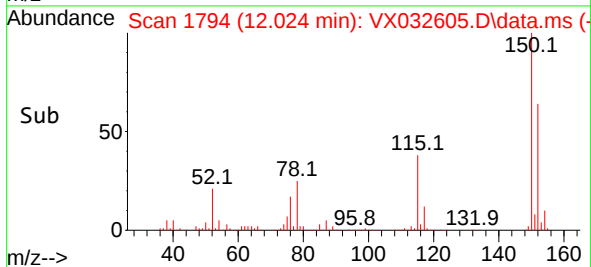
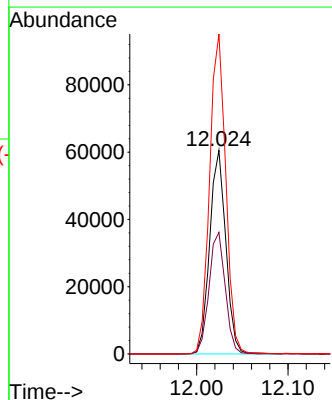
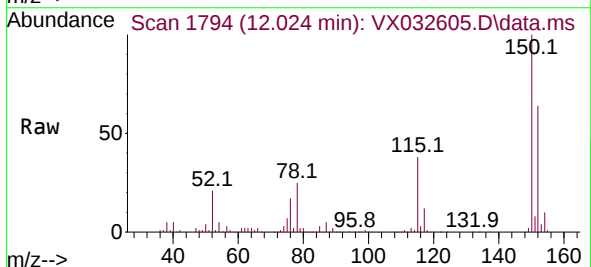
Instrument :
MSVOA_X
ClientSampleId :

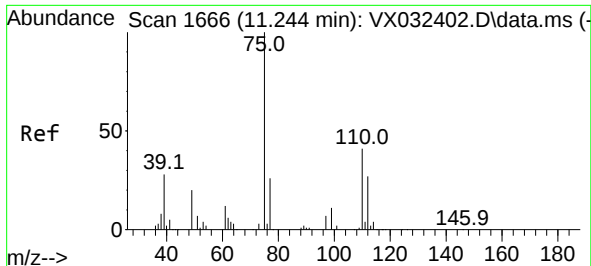
Tgt Ion:117 Resp: 164812
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Tgt Ion:152 Resp: 74213
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.3 0.0 351.8

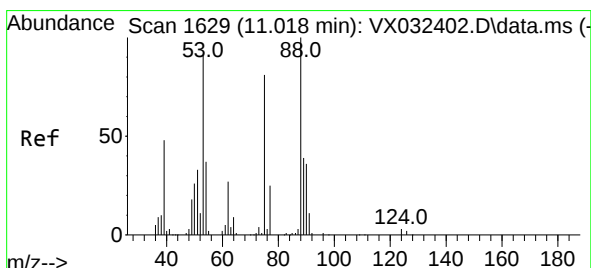
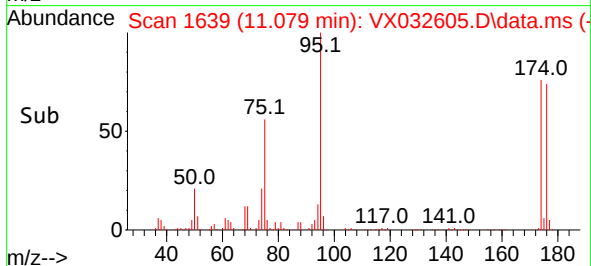
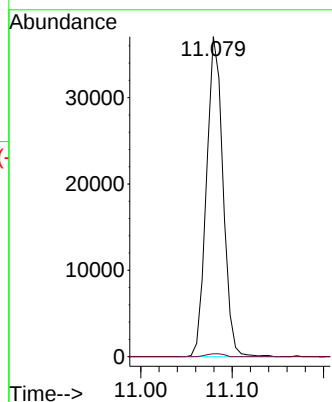
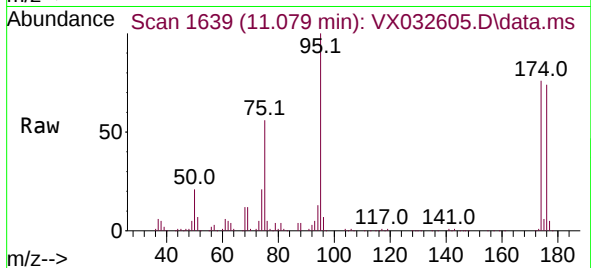




#76
1,2,3-Trichloropropane
Concen: 28.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46318
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032605.D
Acq: 05 Nov 2022 05:10

Tgt Ion: 75 Resp: 46318
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

