

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032963.D
 Acq On : 21 Nov 2022 19:23
 Operator : JC/MD
 Sample : N5730-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20221118

Quant Time: Nov 22 05:13:35 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)

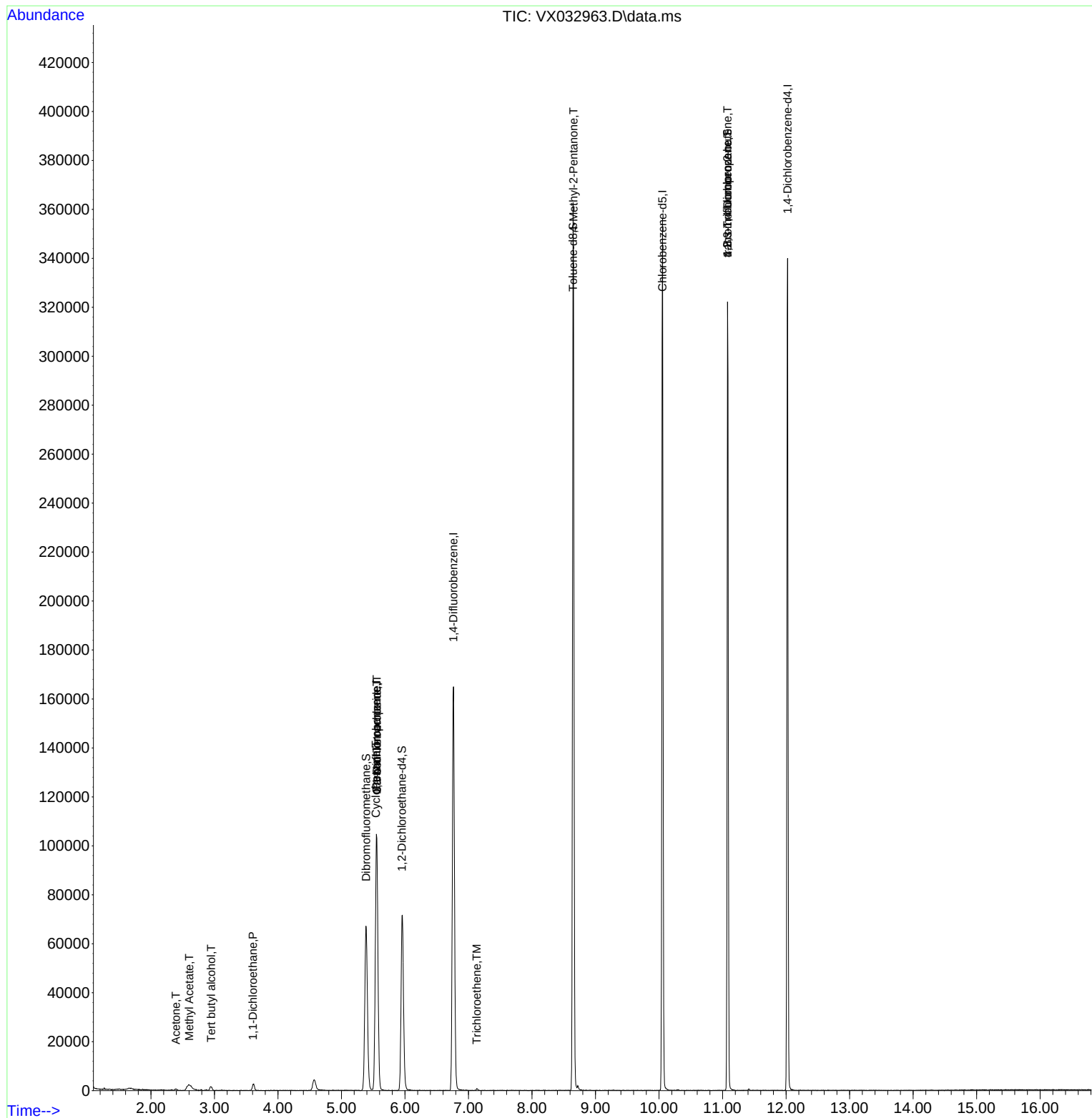
Internal Standards						
1) Pentafluorobenzene	5.550	168	99009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72754	52.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.760%	
35) Dibromofluoromethane	5.385	113	58059	48.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	8.647	98	213207	51.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.079	95	80733	49.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1068	5.334	ug/l #	72
16) Acetone	2.392	43	824	1.648	ug/l	96
18) Methyl Acetate	2.605	43	589	0.362	ug/l #	51
24) 1,1-Dichloroethane	3.605	63	3180	1.615	ug/l	97
31) Cyclohexane	5.544	56	2151	1.290	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	7942	4.763	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10340	5.591	ug/l #	16
44) Trichloroethene	7.129	130	282	0.212	ug/l	86
51) 4-Methyl-2-Pentanone	8.653	43	939	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43648	28.331	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43648	90.151	ug/l #	6

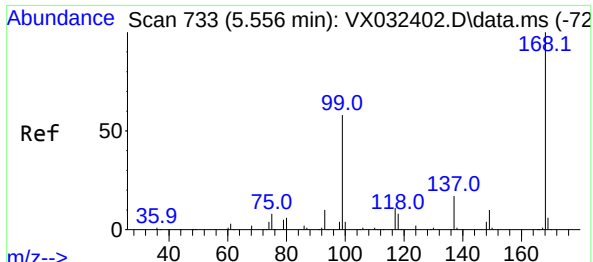
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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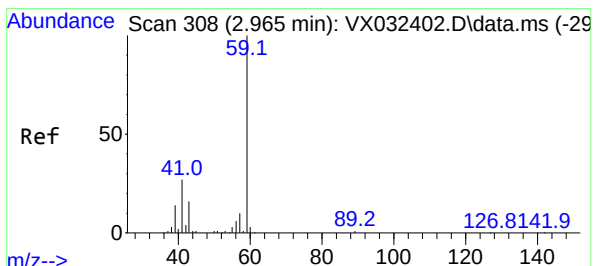
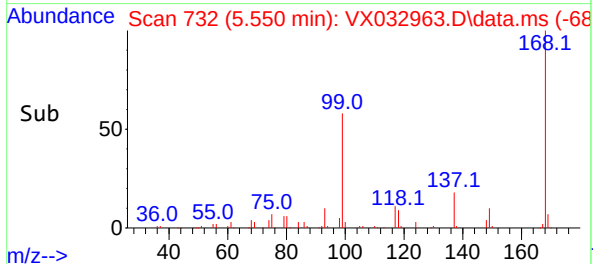
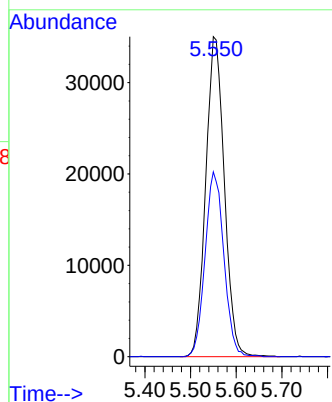
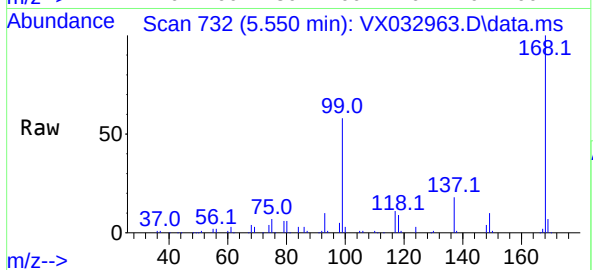




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

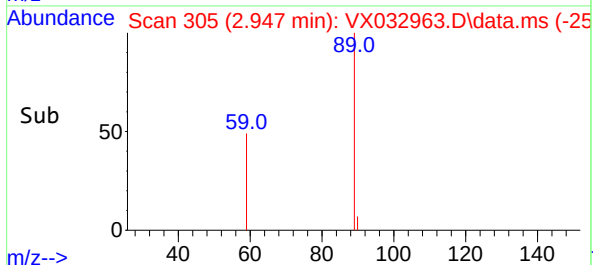
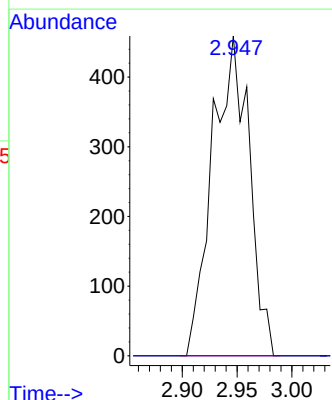
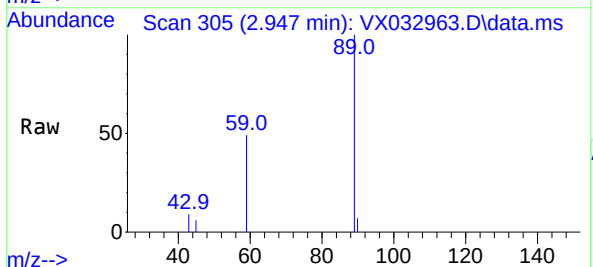
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

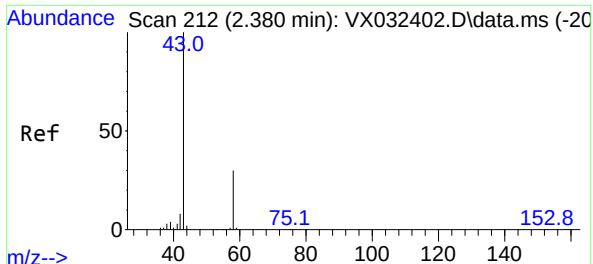
Tgt Ion:168 Resp: 99009
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.334 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

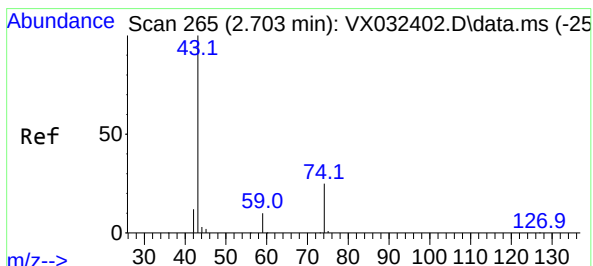
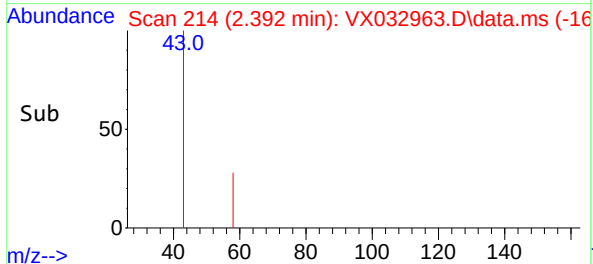
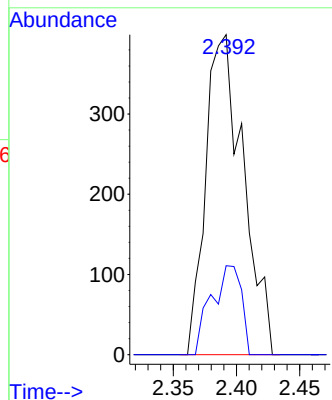
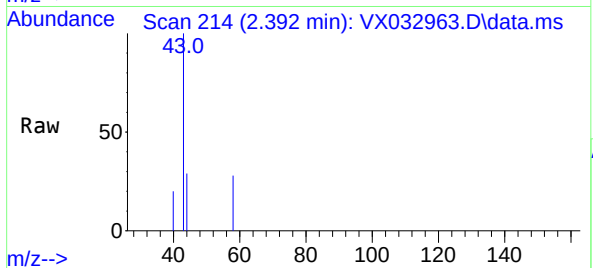




#16
Acetone
Concen: 1.648 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

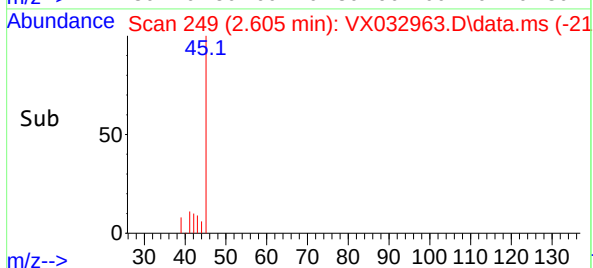
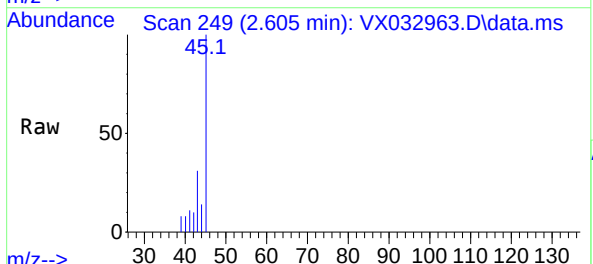
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

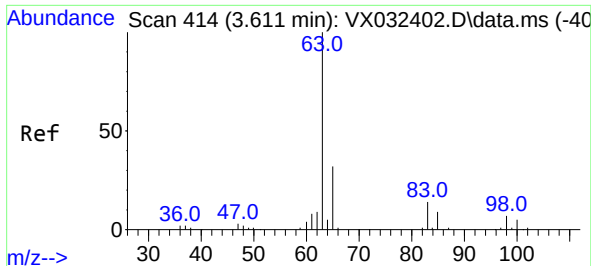
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 27.8 23.8 35.8



#18
Methyl Acetate
Concen: 0.362 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.098 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

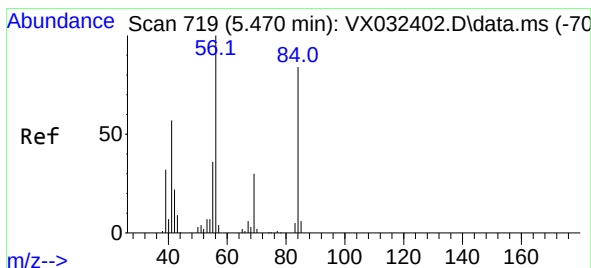
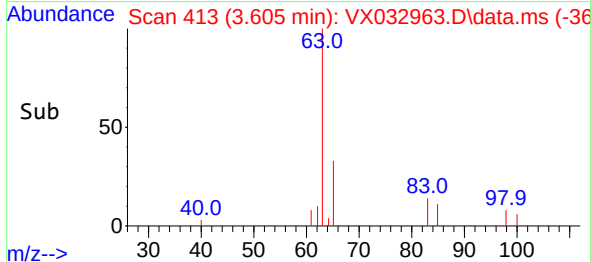
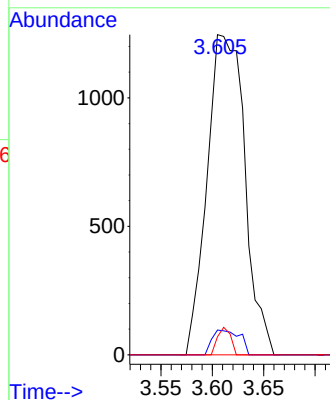
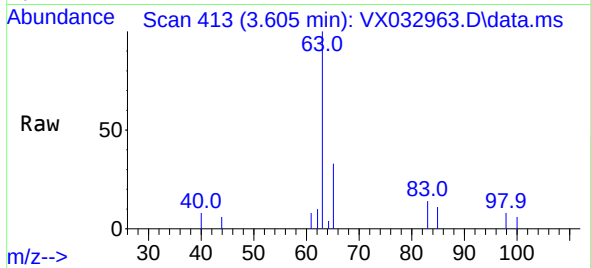




#24
1,1-Dichloroethane
Concen: 1.615 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

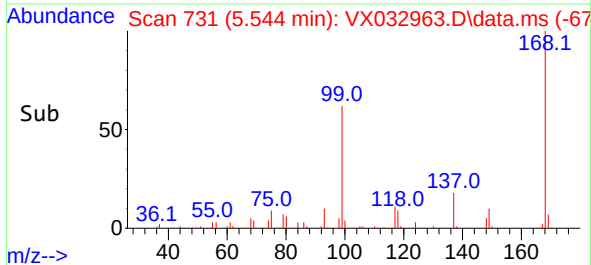
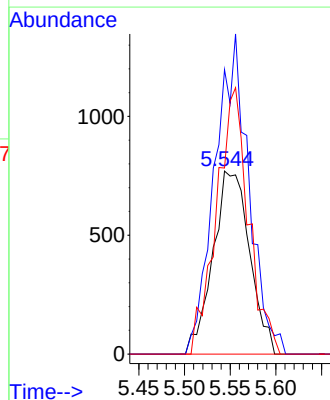
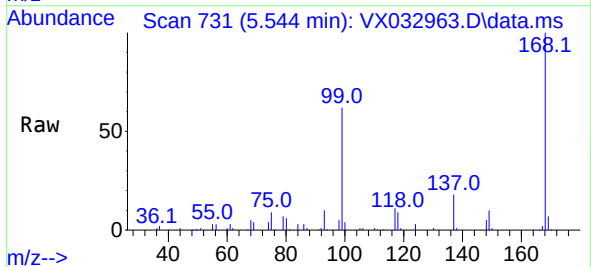
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

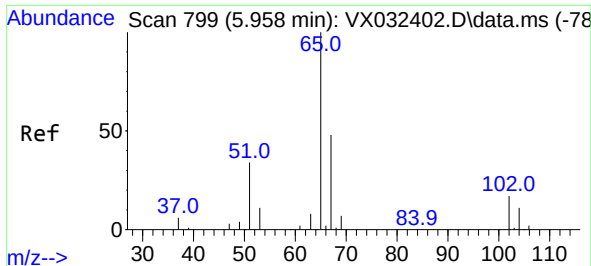
Tgt Ion: 63	Resp: 3180
Ion Ratio	Lower Upper
63 100	
98 7.7	3.5 10.4
100 5.6	2.3 6.8



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

Tgt Ion: 56	Resp: 2151
Ion Ratio	Lower Upper
56 100	
69 155.5	24.1 36.1#
84 101.7	66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.885 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032963.D

Acq: 21 Nov 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

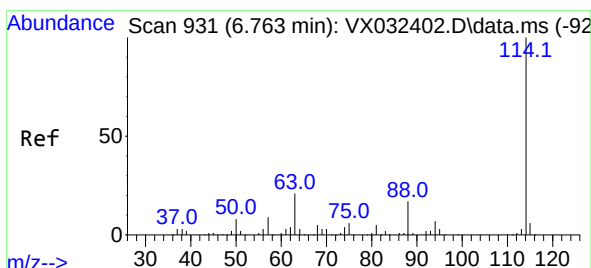
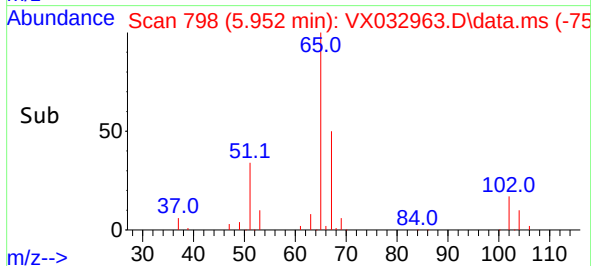
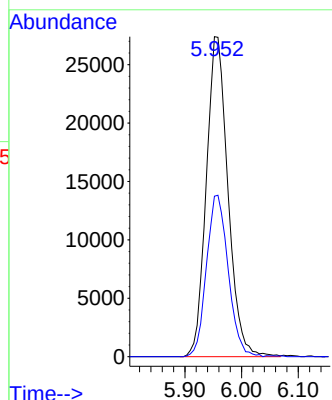
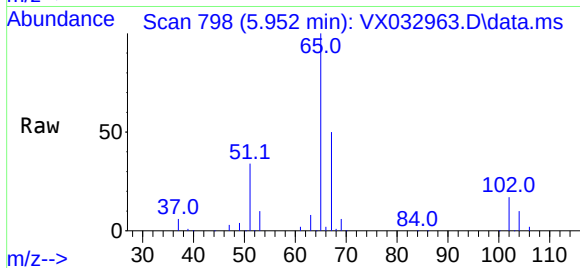
TT15811-20221118

Tgt Ion: 65 Resp: 72754

Ion Ratio Lower Upper

65 100

67 50.5 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: VX032963.D

Acq: 21 Nov 2022 19:23

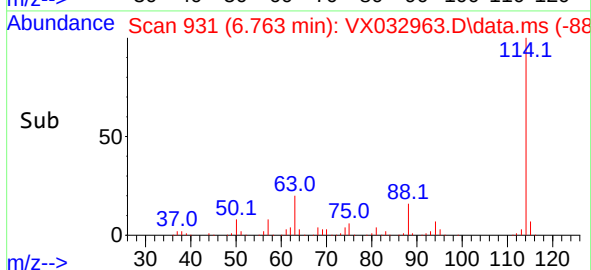
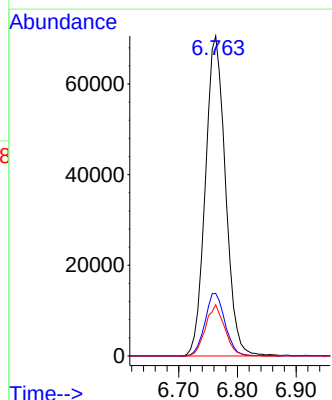
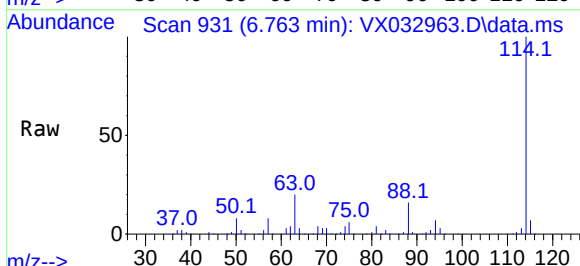
Tgt Ion: 114 Resp: 167875

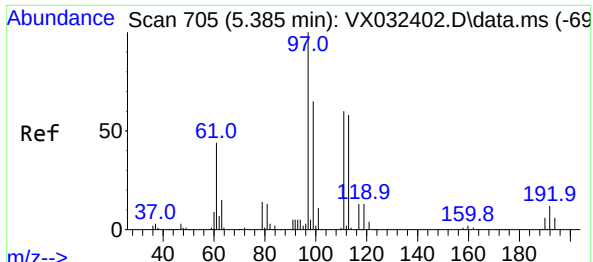
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

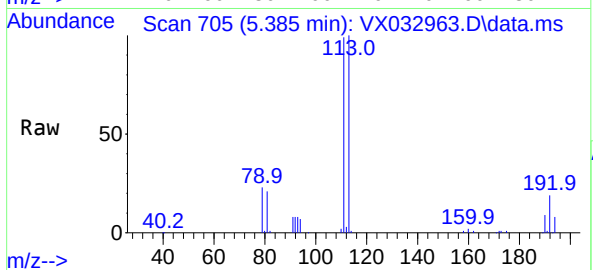
88 16.0 0.0 33.4



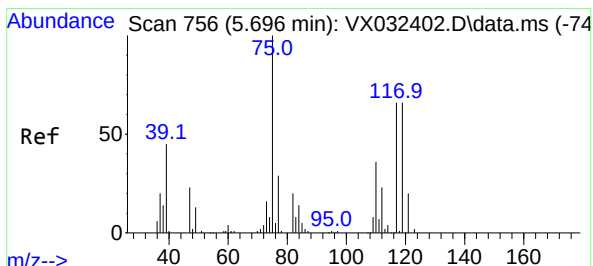
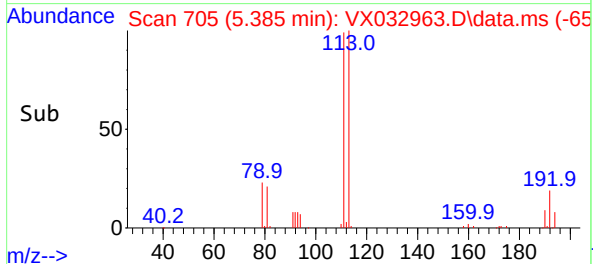
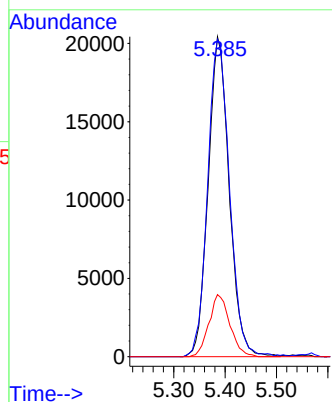


#35
Dibromofluoromethane
Concen: 48.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

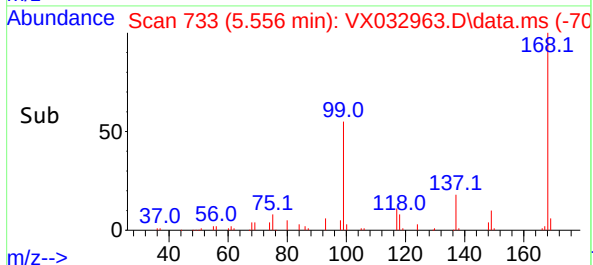
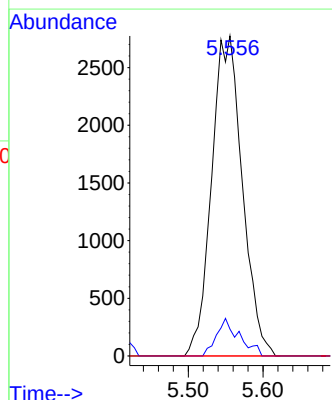
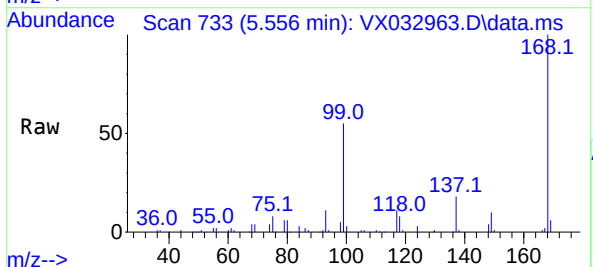


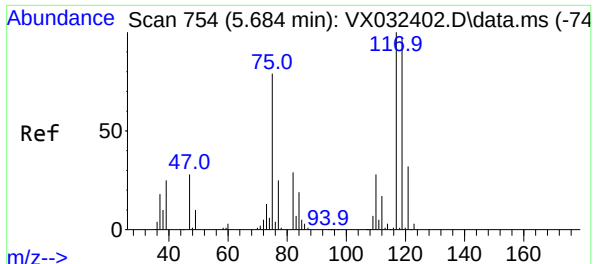
Tgt Ion:113 Resp: 58059
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

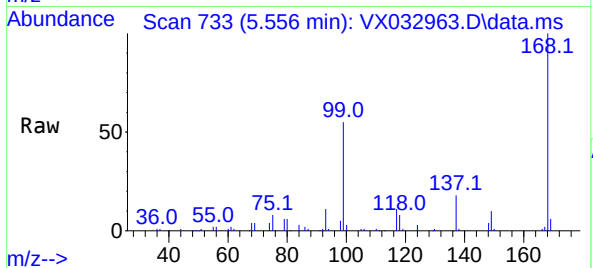
Tgt Ion: 75 Resp: 7942
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#



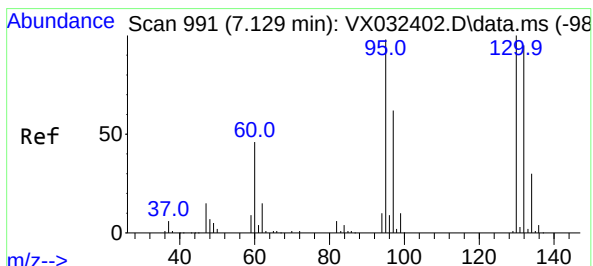
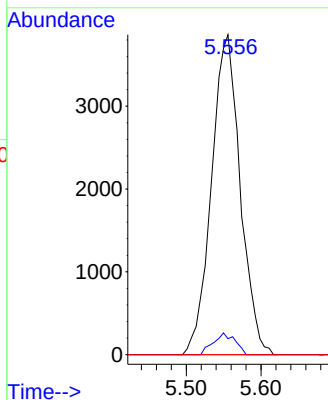
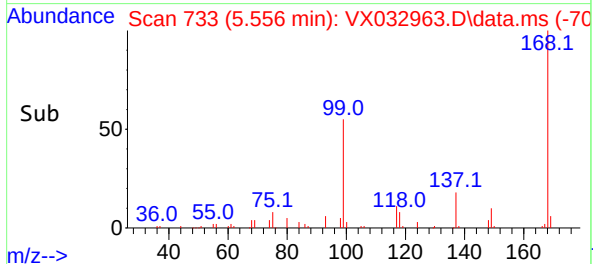


#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

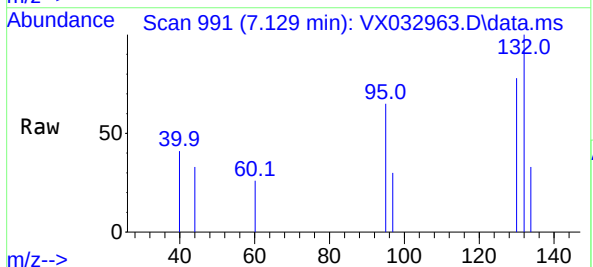
Instrument :
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ClientSampleId :
TT15811-20221118



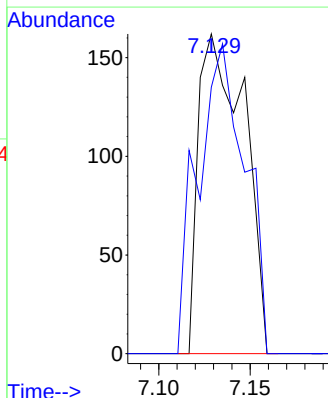
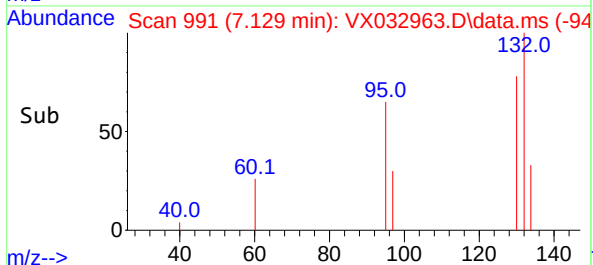
Tgt Ion:117 Resp: 10340
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#

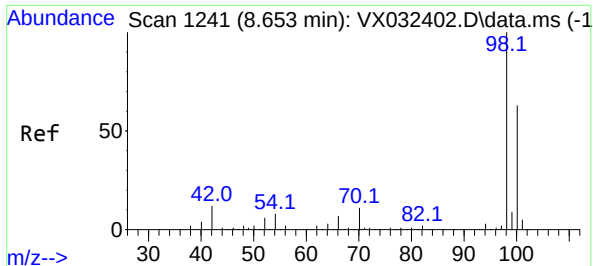


#44
Trichloroethene
Concen: 0.212 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23



Tgt Ion:130 Resp: 282
Ion Ratio Lower Upper
130 100
95 83.3 0.0 195.2





#50

Toluene-d8

Concen: 51.204 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032963.D

Acq: 21 Nov 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

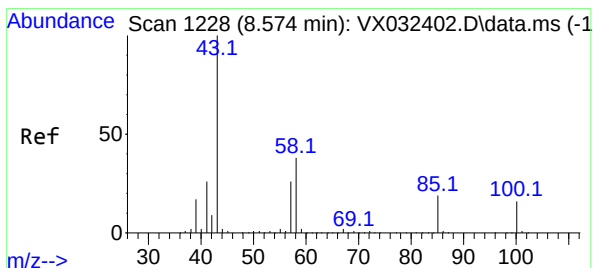
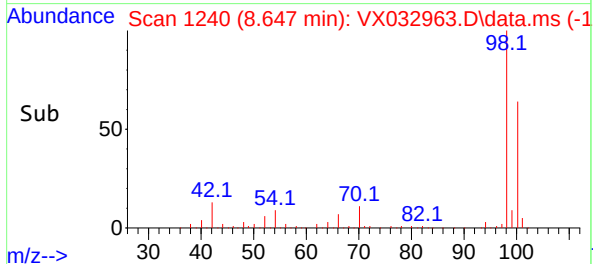
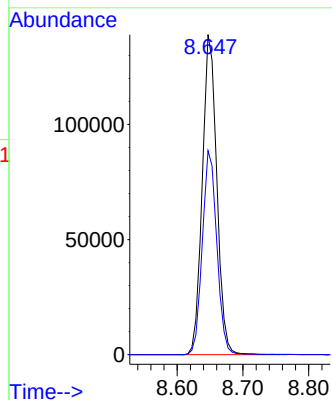
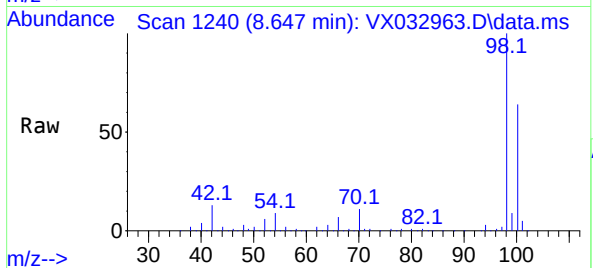
TT15811-20221118

Tgt Ion: 98 Resp: 213207

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.559 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032963.D

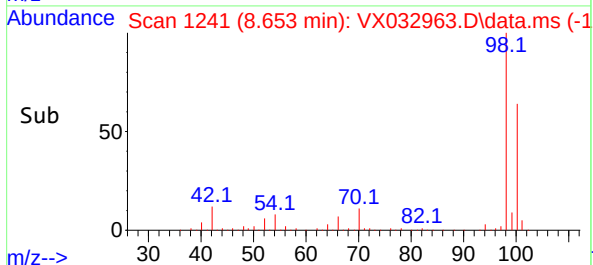
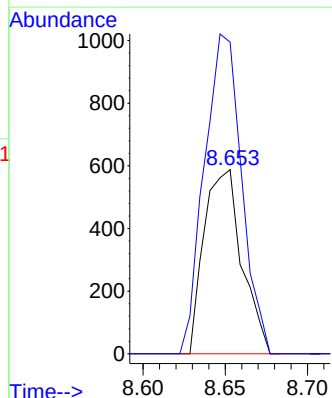
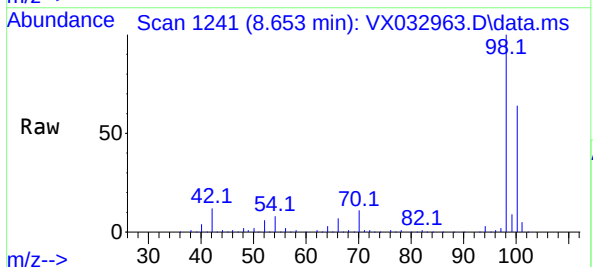
Acq: 21 Nov 2022 19:23

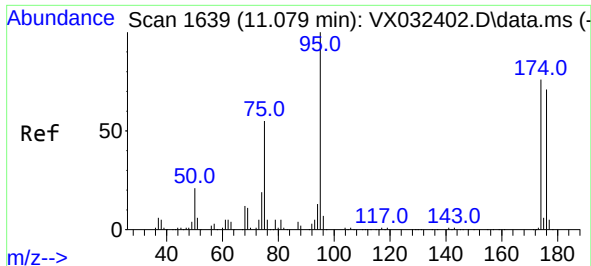
Tgt Ion: 43 Resp: 939

Ion Ratio Lower Upper

43 100

58 171.5 30.9 46.3#

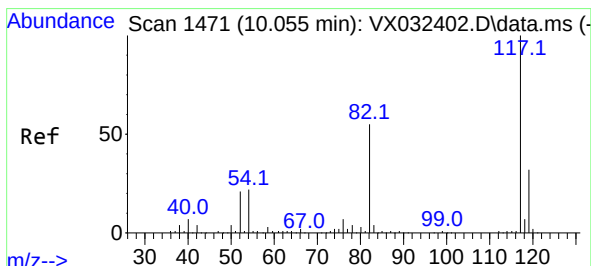
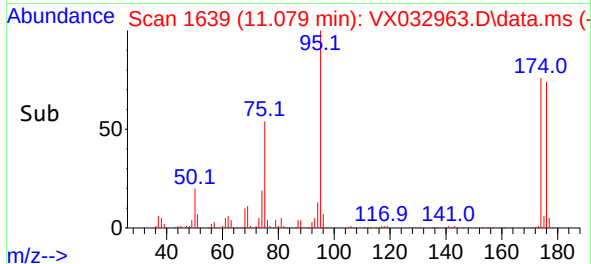
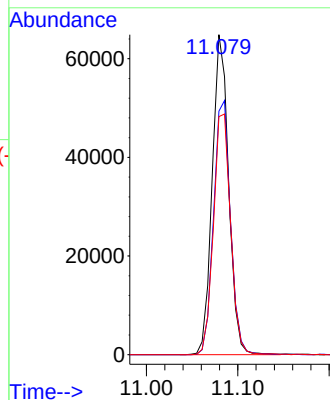
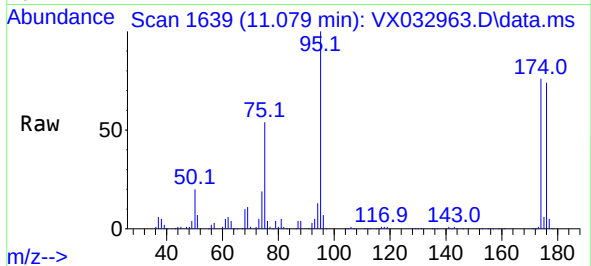




#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

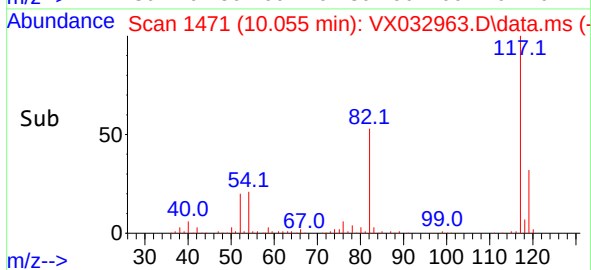
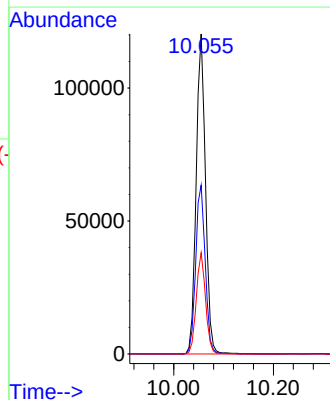
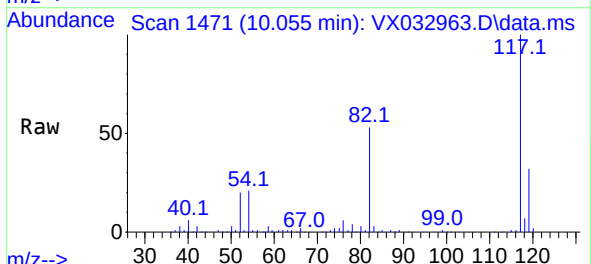
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

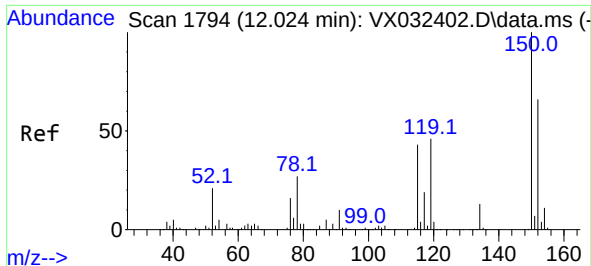
Tgt Ion: 95 Resp: 80733
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

Tgt Ion: 117 Resp: 155893
Ion Ratio Lower Upper
117 100
82 52.8 44.3 66.5
119 31.7 25.7 38.5

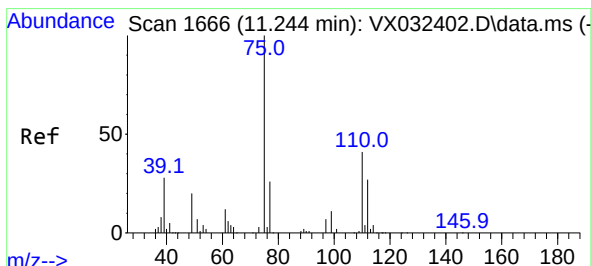
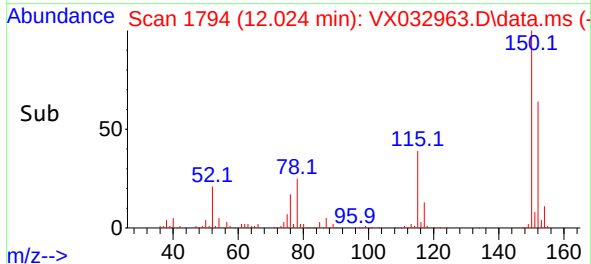
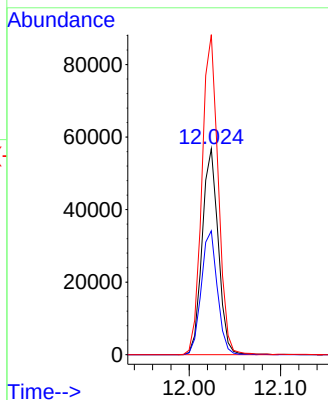
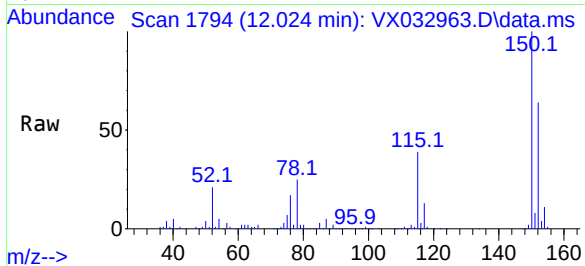




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

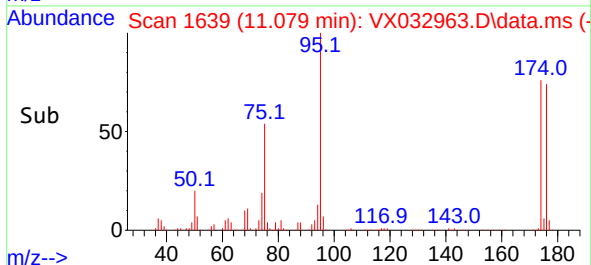
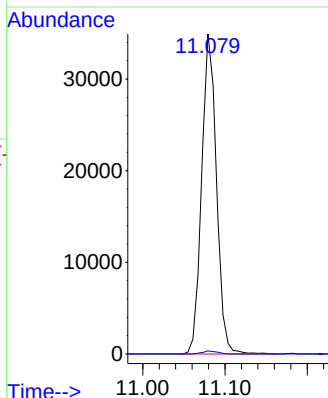
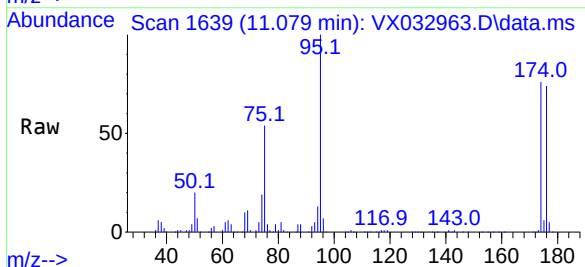
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20221118

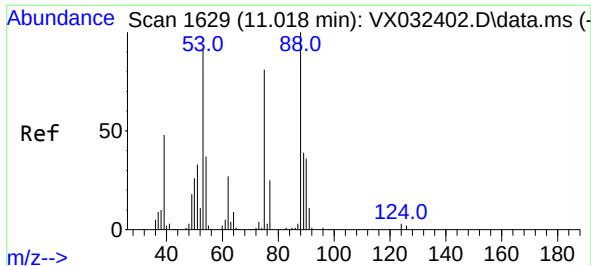
Tgt Ion:152 Resp: 69249
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032963.D
Acq: 21 Nov 2022 19:23

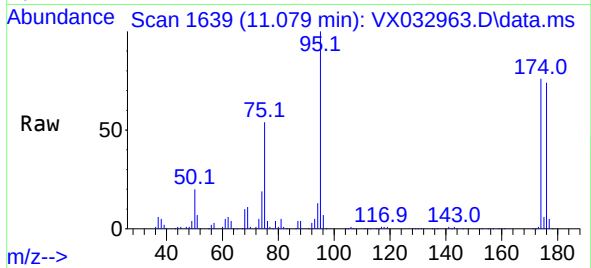
Tgt Ion: 75 Resp: 43648
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.151 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032963.D
 Acq: 21 Nov 2022 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20221118



Tgt Ion: 75 Resp: 43648
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

