

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032931.D
 Acq On : 18 Nov 2022 17:37
 Operator : JC/MD
 Sample : N5671-18 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20221115DL

Quant Time: Nov 19 03:09:32 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)

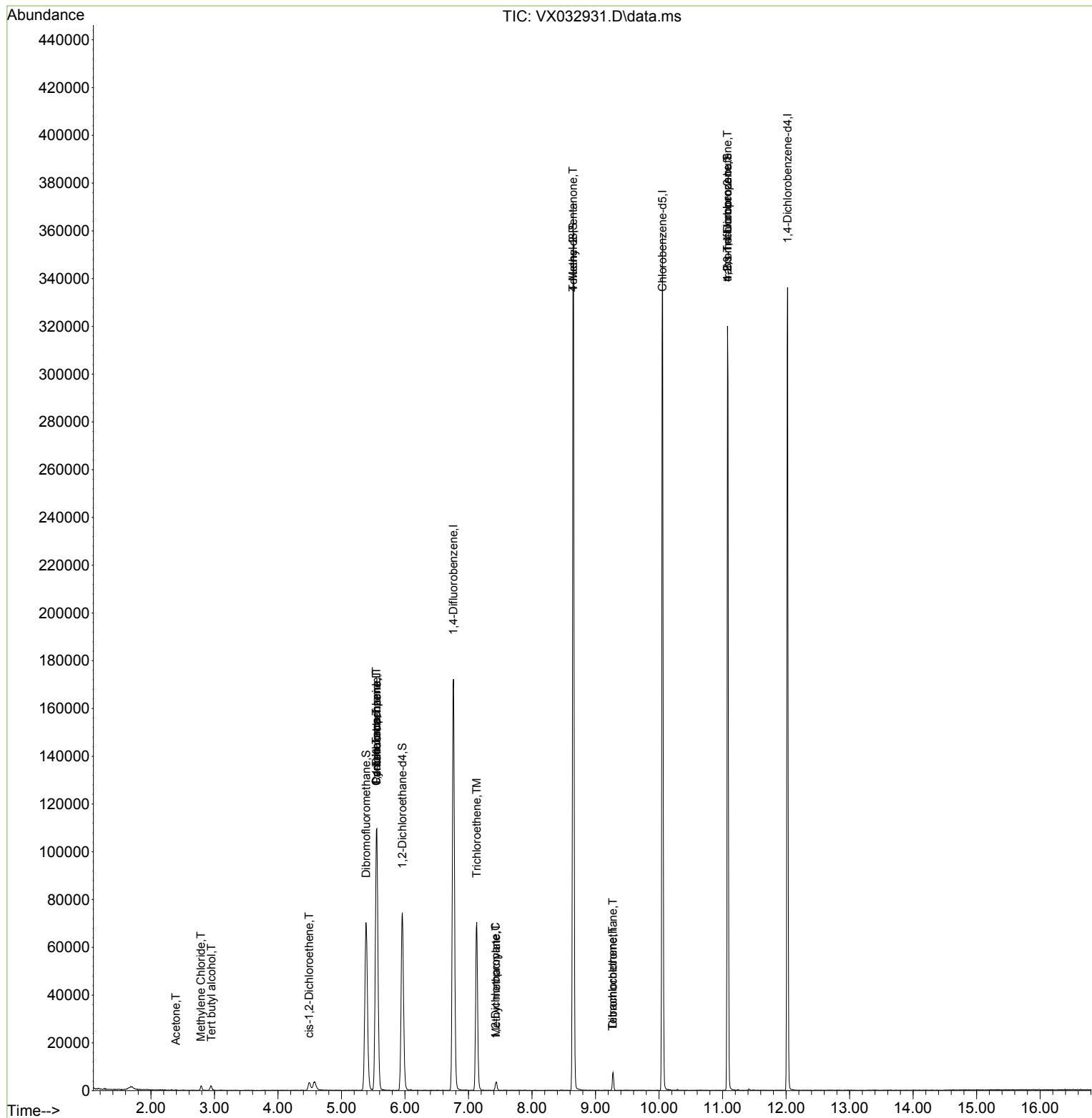
Internal Standards						
1) Pentafluorobenzene	5.556	168	105096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74925	51.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.620%			
35) Dibromofluoromethane	5.385	113	60042	47.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.980%			
50) Toluene-d8	8.646	98	221680	50.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	81891	47.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.380%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.952	59	1290	6.069	ug/l #	72
16) Acetone	2.392	43	113	0.213	ug/l #	45
20) Methylene Chloride	2.788	84	929	0.763	ug/l #	95
27) cis-1,2-Dichloroethene	4.489	96	2321	1.750	ug/l	95
31) Cyclohexane	5.549	56	2361	1.333	ug/l #	12
36) 1,1-Dichloropropene	5.549	75	8268	4.697	ug/l #	50
38) Carbon Tetrachloride	5.549	117	11071	5.670	ug/l #	15
44) Trichloroethene	7.128	130	26899	19.181	ug/l	95
45) 1,2-Dichloropropane	7.427	63	1559	1.219	ug/l	90
48) Methyl methacrylate	7.433	41	925	0.637	ug/l #	38
51) 4-Methyl-2-Pentanone	8.646	43	1028	0.580	ug/l #	1
60) Dibromochloromethane	9.274	129	1441	0.964	ug/l #	11
64) Tetrachloroethene	9.268	164	1428	1.227	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	44289	28.511	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44289	90.723	ug/l #	6

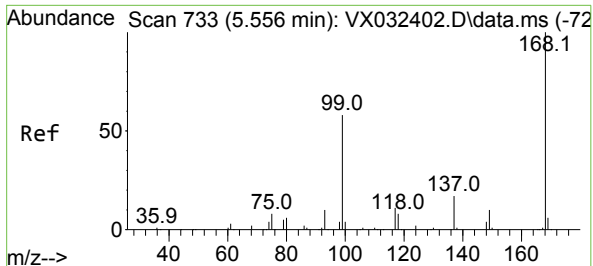
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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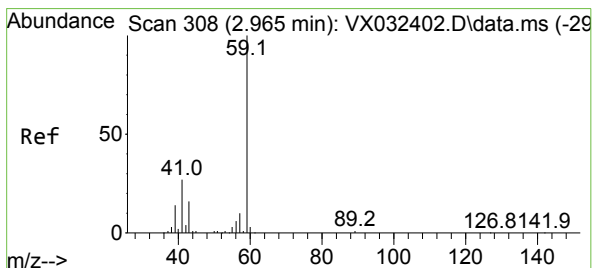
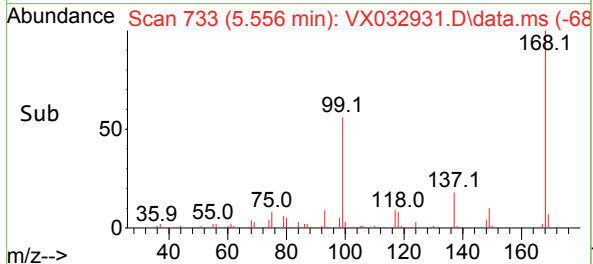
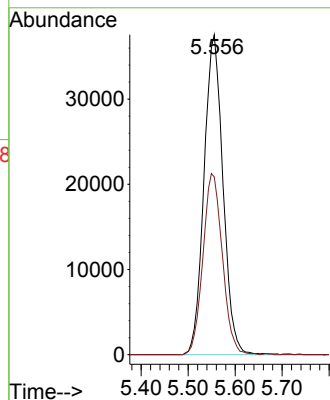
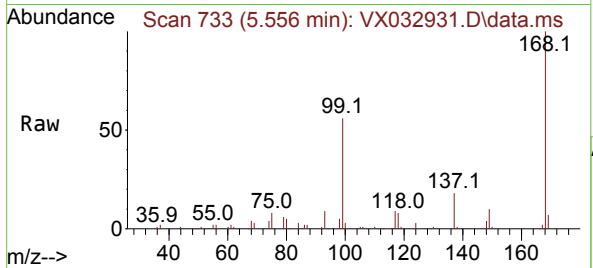




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

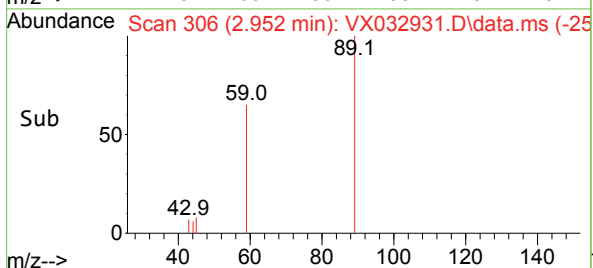
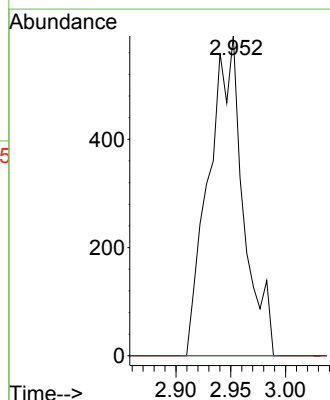
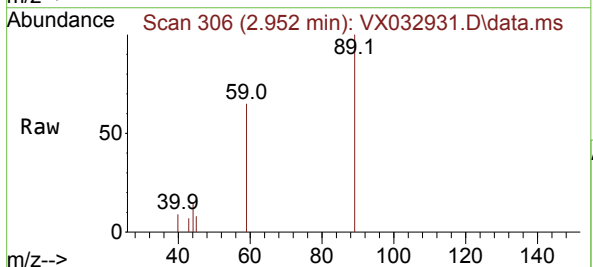
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

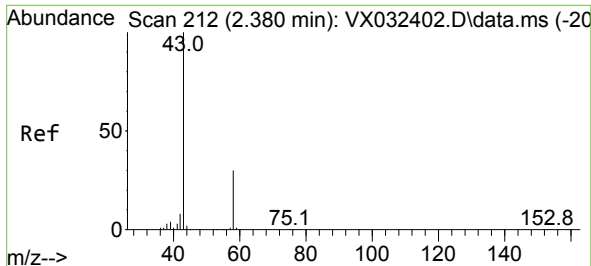
Tgt Ion:168 Resp: 105096
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.069 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion: 59 Resp: 1290
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

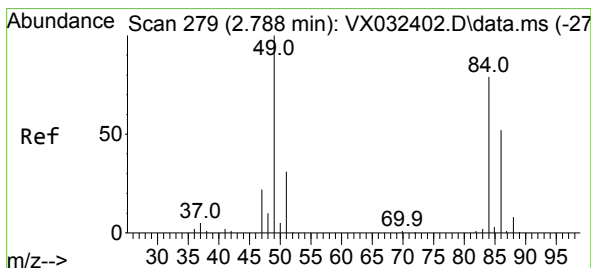
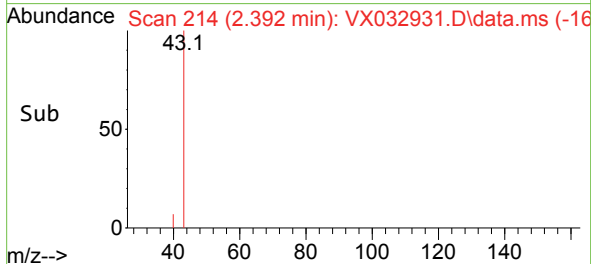
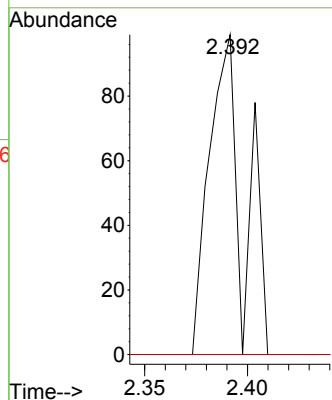
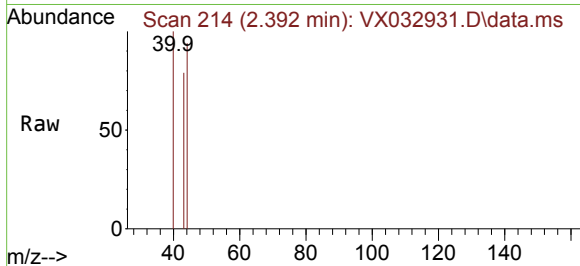




#16
Acetone
Concen: 0.213 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

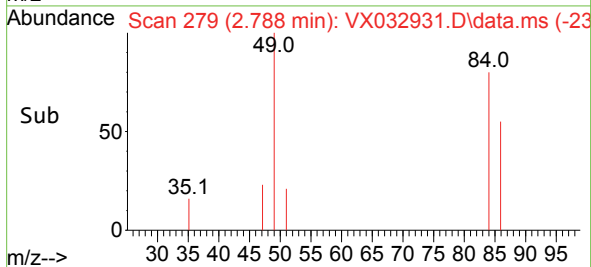
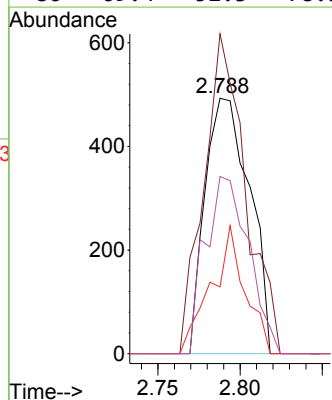
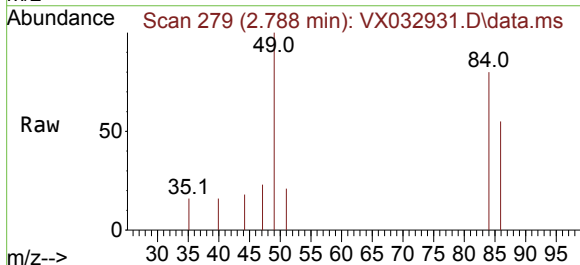
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

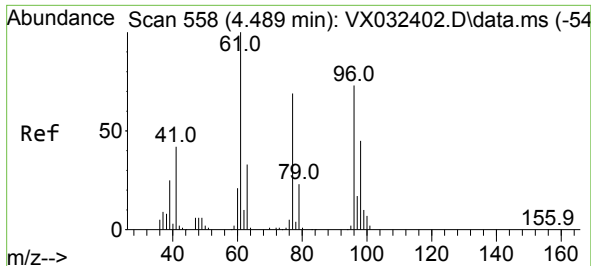
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.763 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion: 84 Resp: 929
Ion Ratio Lower Upper
84 100
49 125.2 101.0 151.6
51 26.2 31.1 46.7#
86 69.4 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 1.750 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX032931.D

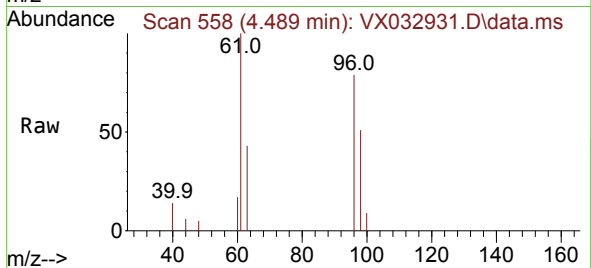
Acq: 18 Nov 2022 17:37

Instrument :

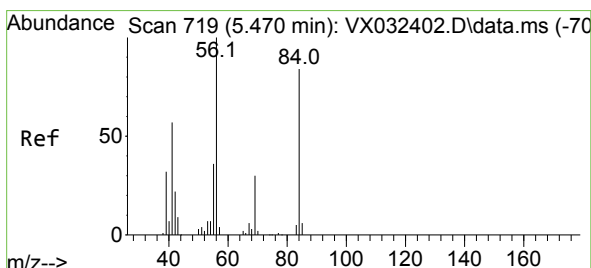
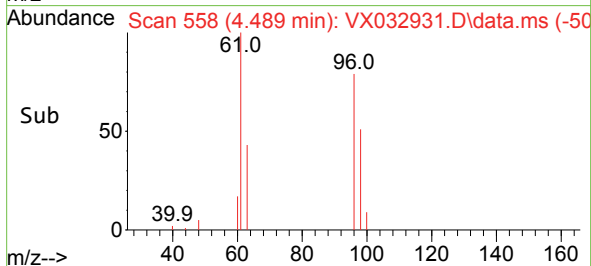
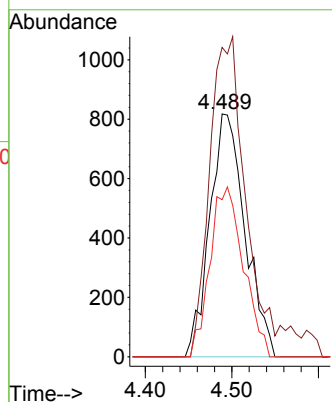
MSVOA_X

ClientSampleId :

DUP01-20221115DL



Tgt Ion: 96	Resp: 2321
Ion Ratio	Lower Upper
96 100	
61 134.9	0.0 286.0
98 66.2	0.0 129.6



#31

Cyclohexane

Concen: 1.333 ug/l

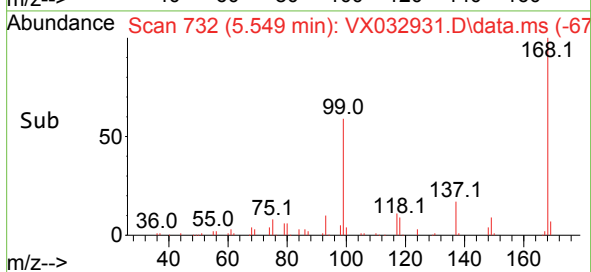
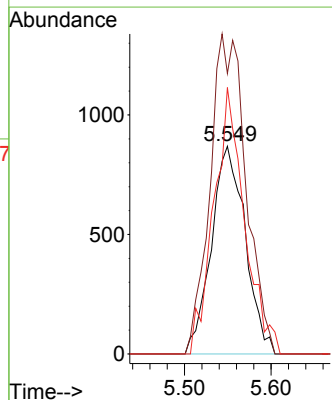
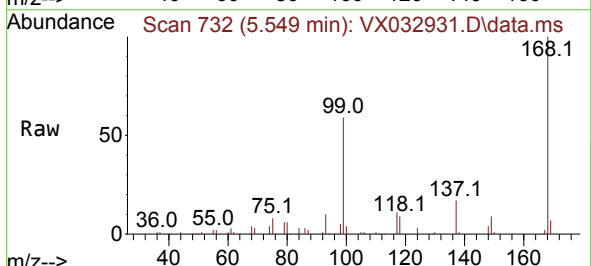
RT: 5.549 min Scan# 732

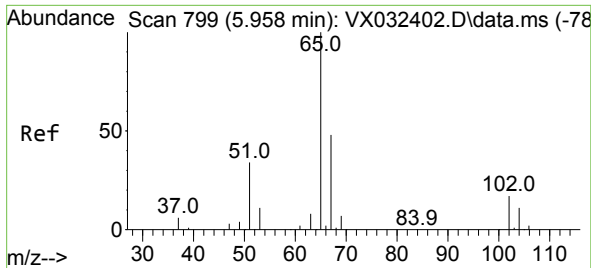
Delta R.T. 0.079 min

Lab File: VX032931.D

Acq: 18 Nov 2022 17:37

Tgt Ion: 56	Resp: 2361		
Ion Ratio	Lower	Upper	
56	100		
69	135.1	24.1	36.1#
84	128.3	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032931.D

Acq: 18 Nov 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

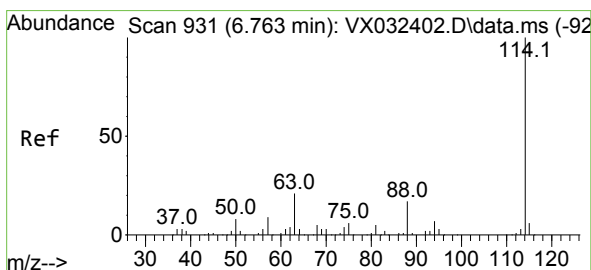
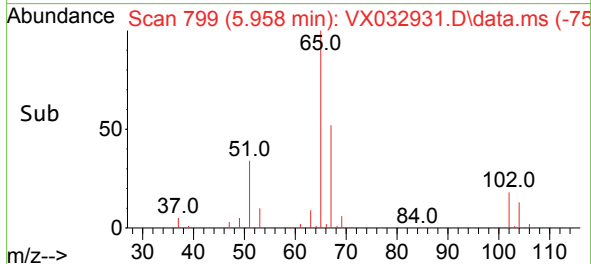
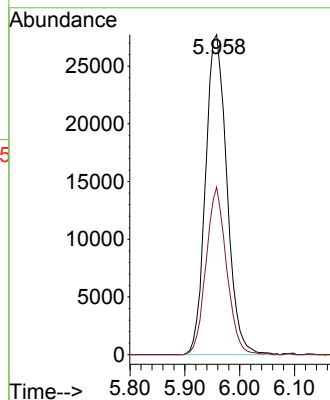
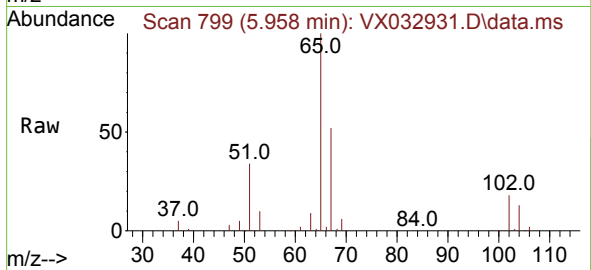
DUP01-20221115DL

Tgt Ion: 65 Resp: 74925

Ion Ratio Lower Upper

65 100

67 50.3 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: VX032931.D

Acq: 18 Nov 2022 17:37

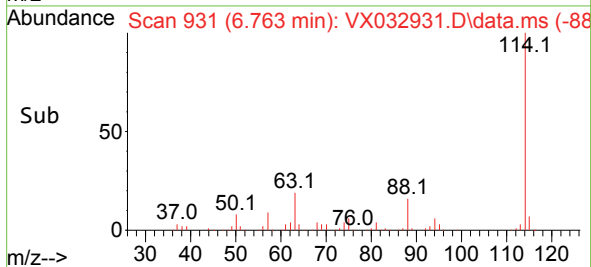
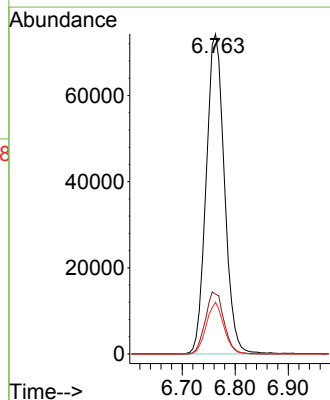
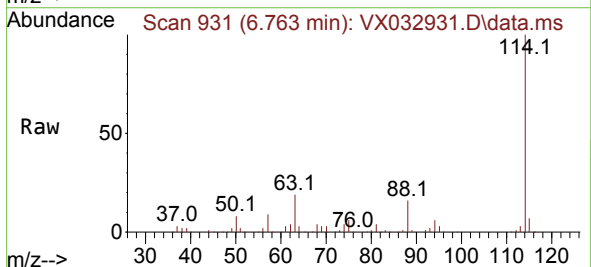
Tgt Ion: 114 Resp: 177229

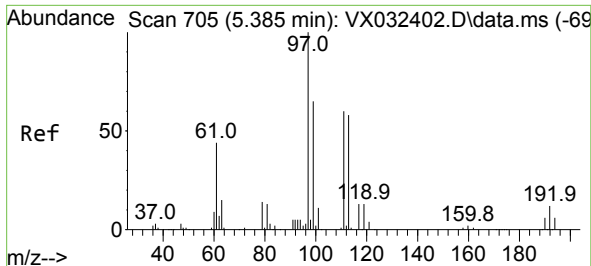
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 16.1 0.0 33.4

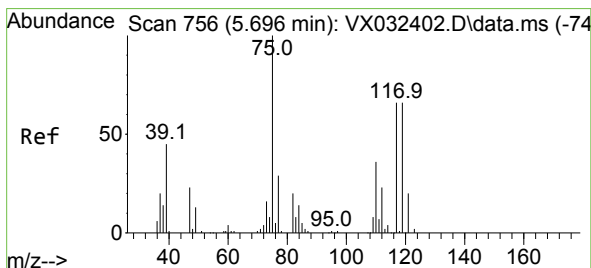
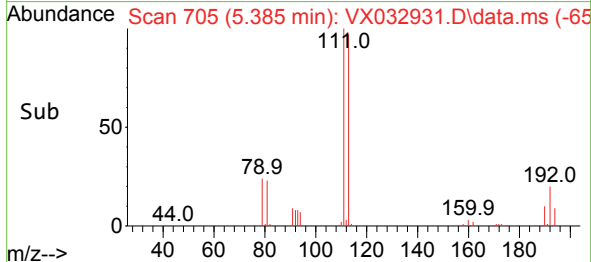
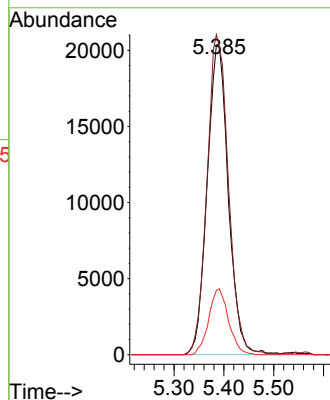
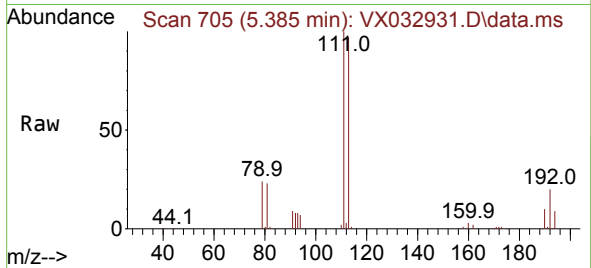




#35
Dibromofluoromethane
Concen: 47.494 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

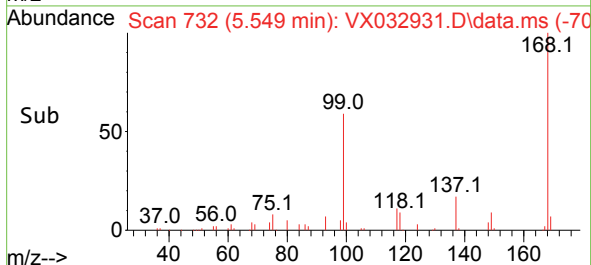
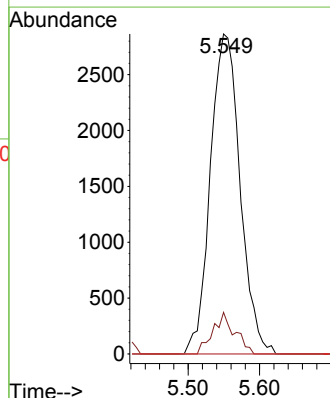
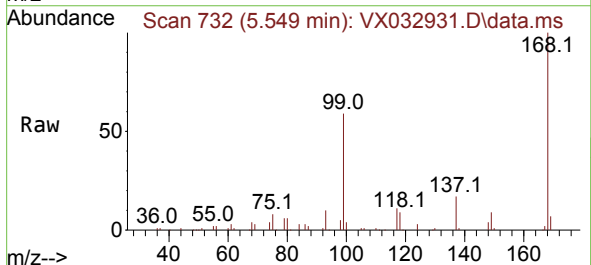
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DUP01-20221115DL

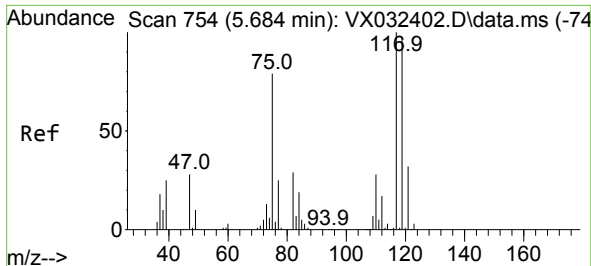
Tgt Ion:113 Resp: 60042
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

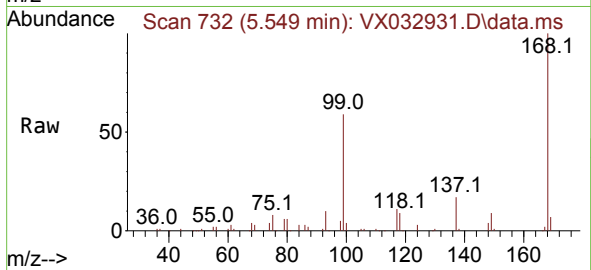
Tgt Ion: 75 Resp: 8268
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



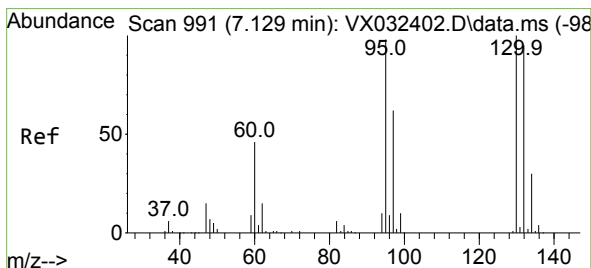
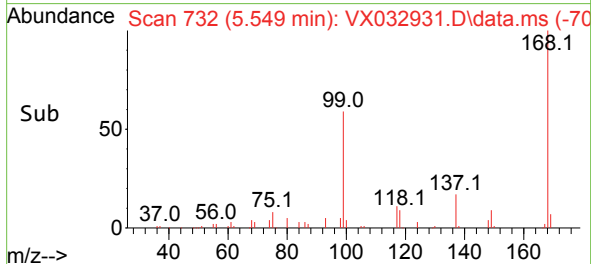
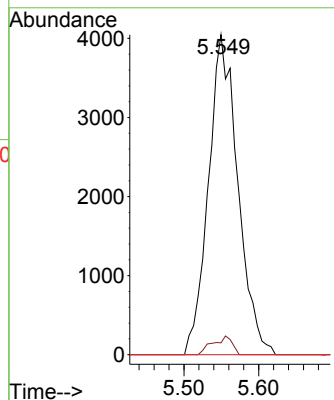


#38
Carbon Tetrachloride
Concen: 5.670 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

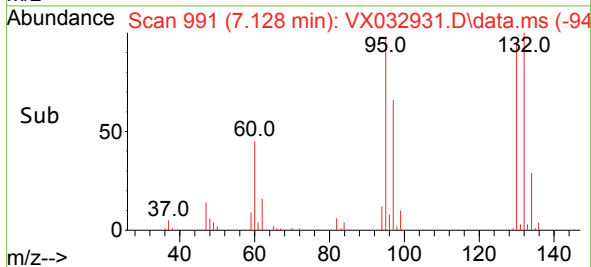
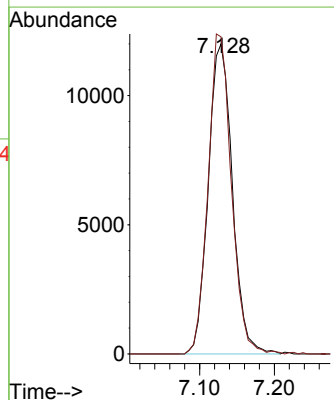
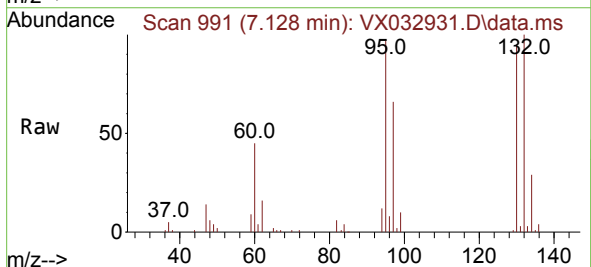


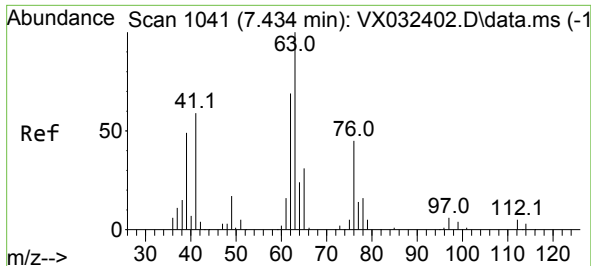
Tgt Ion:117 Resp: 11071
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 19.181 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion:130 Resp: 26899
Ion Ratio Lower Upper
130 100
95 102.3 0.0 195.2

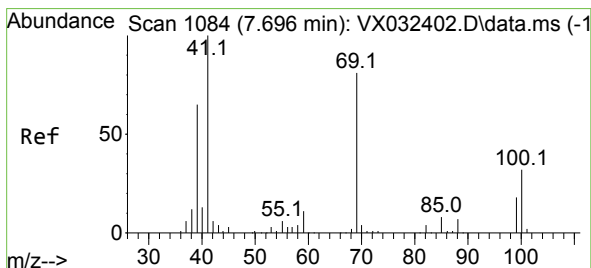
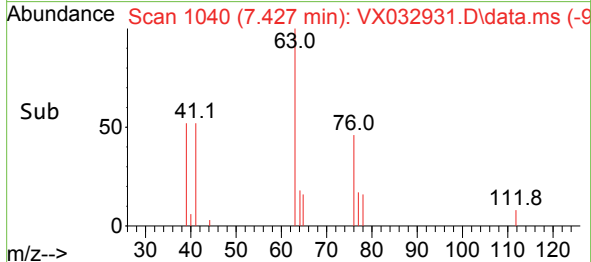
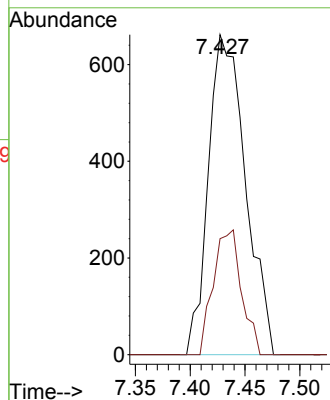
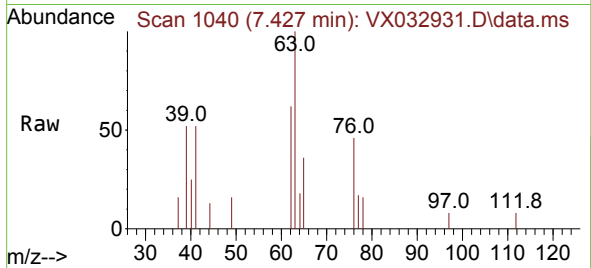




#45
1,2-Dichloropropane
Concen: 1.219 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

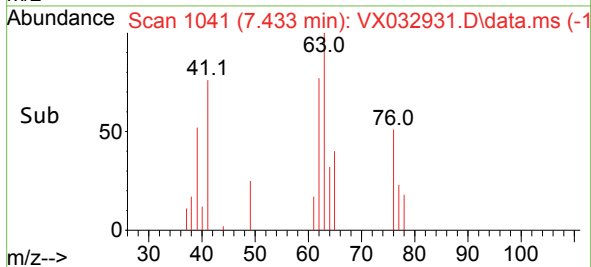
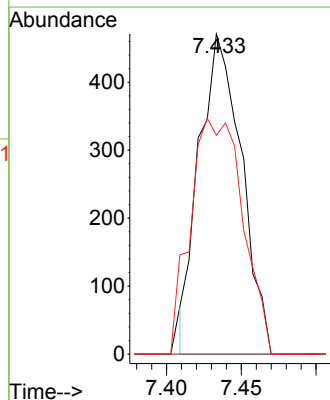
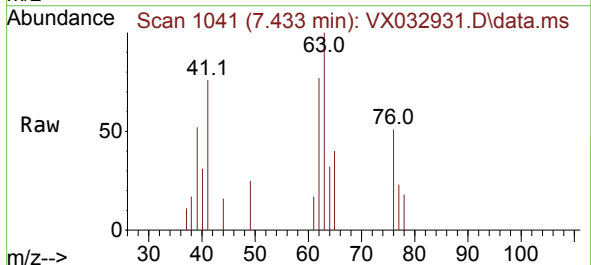
Instrument :
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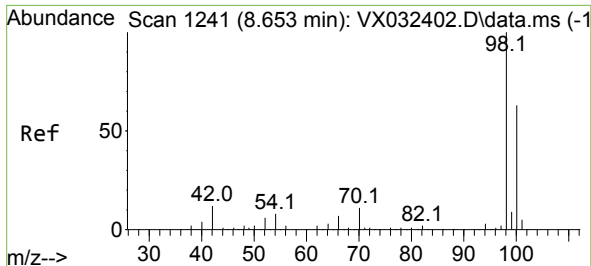
Tgt Ion: 63 Resp: 1559
Ion Ratio Lower Upper
63 100
65 36.3 24.6 36.8



#48
Methyl methacrylate
Concen: 0.637 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.262 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion: 41 Resp: 925
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 85.4 51.9 77.9#

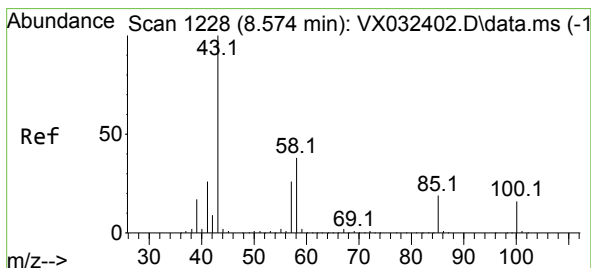
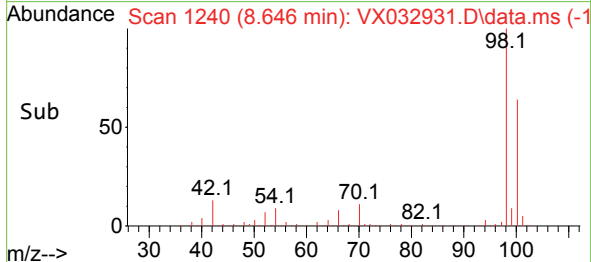
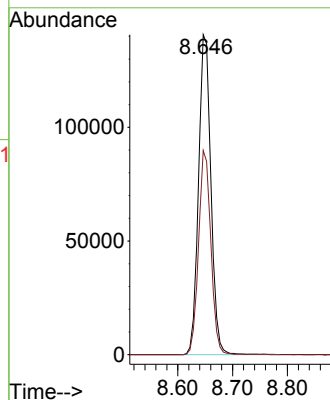
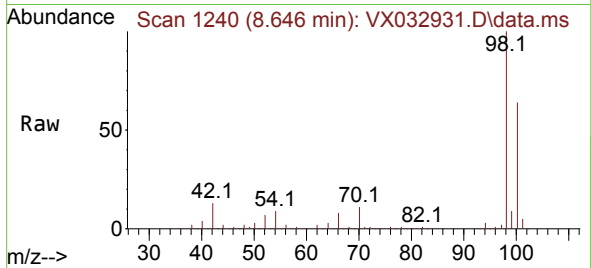




#50
Toluene-d8
Concen: 50.429 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

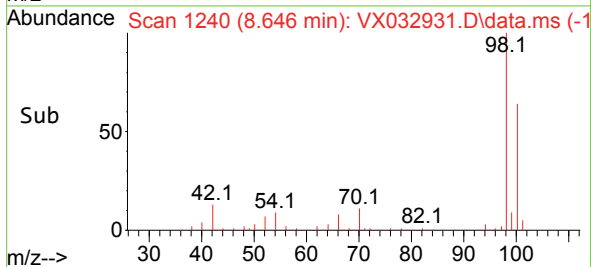
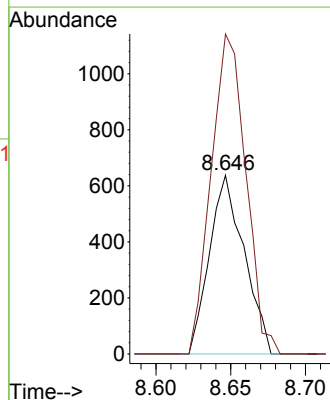
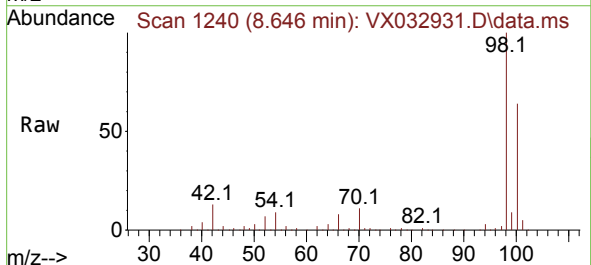
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

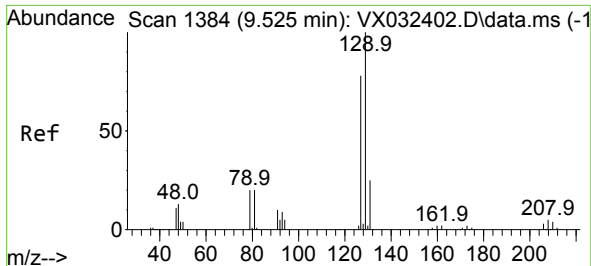
Tgt Ion: 98 Resp: 221680
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 179.3 30.9 46.3#

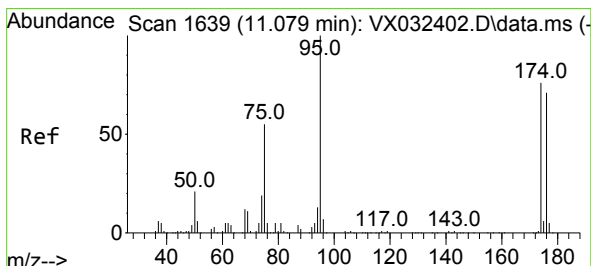
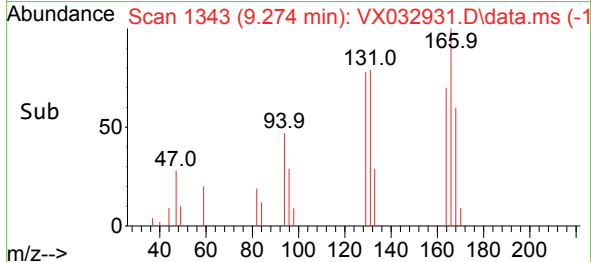
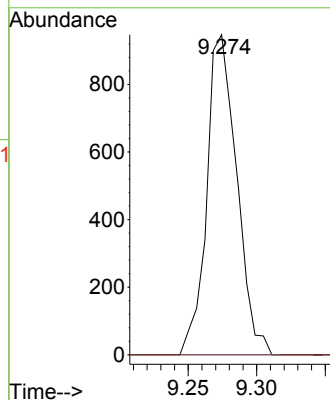
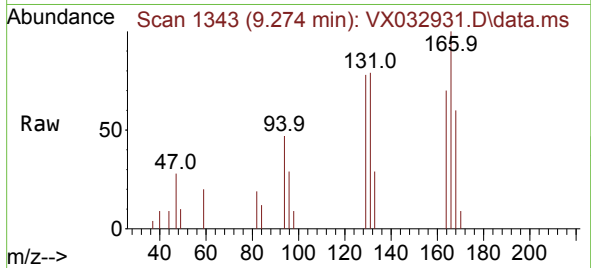




#60
Dibromochloromethane
Concen: 0.964 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

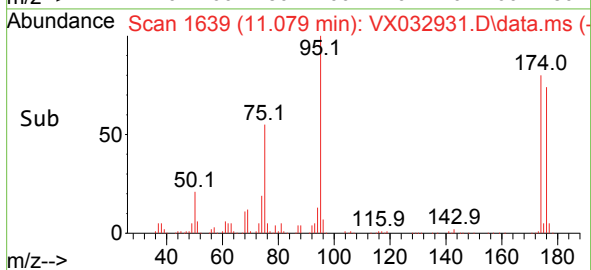
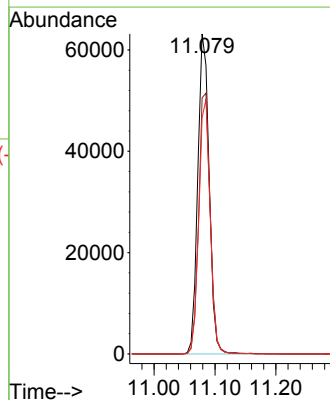
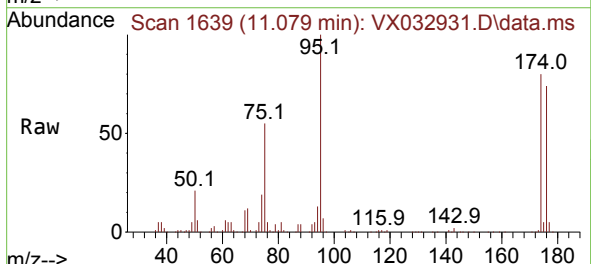
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

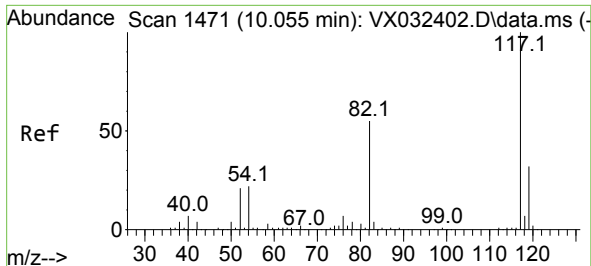
Tgt Ion:129 Resp: 1441
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion: 95 Resp: 81891
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 78.8 0.0 154.4

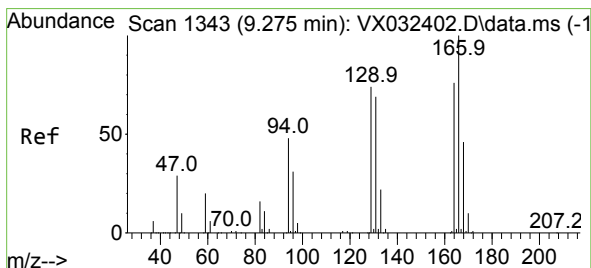
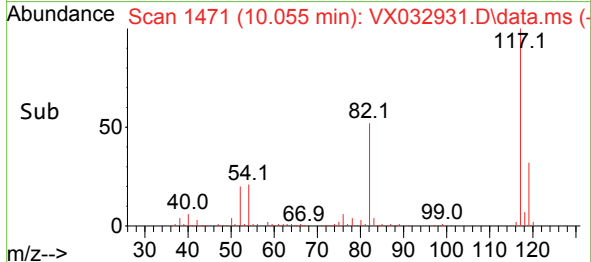
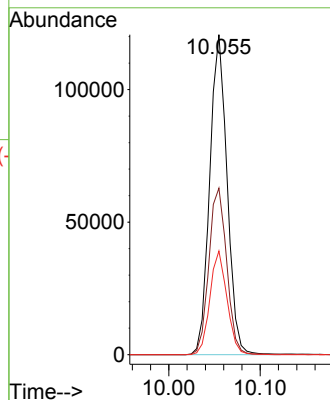
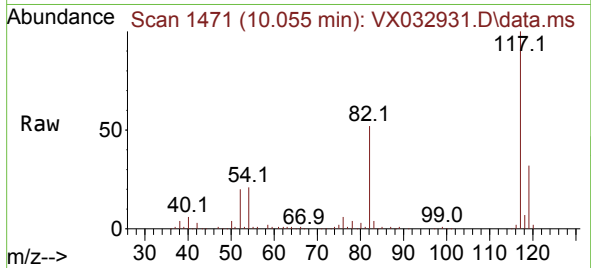




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

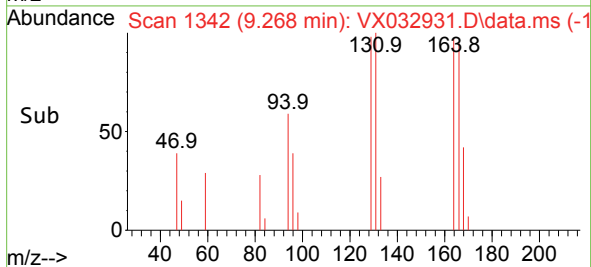
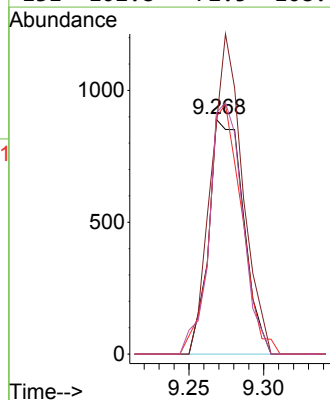
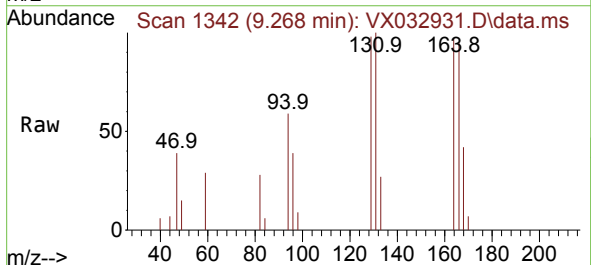
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221115DL

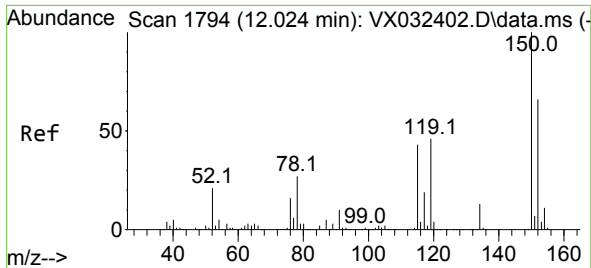
Tgt Ion:117 Resp: 158960
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 1.227 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX032931.D
Acq: 18 Nov 2022 17:37

Tgt Ion:164 Resp: 1428
Ion Ratio Lower Upper
164 100
166 97.5 105.4 158.2#
129 101.1 78.2 117.2
131 102.8 72.5 108.7

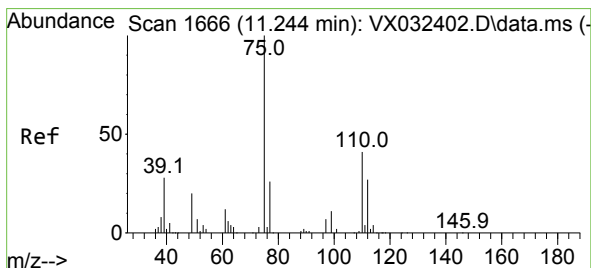
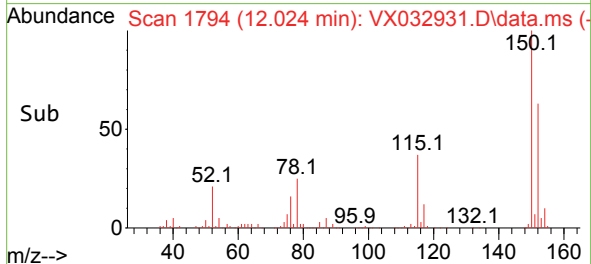
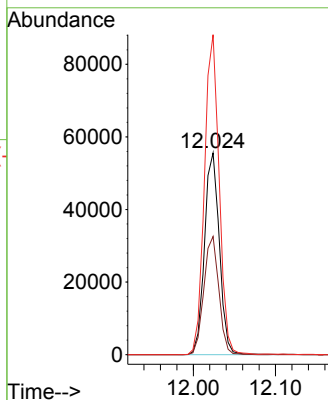
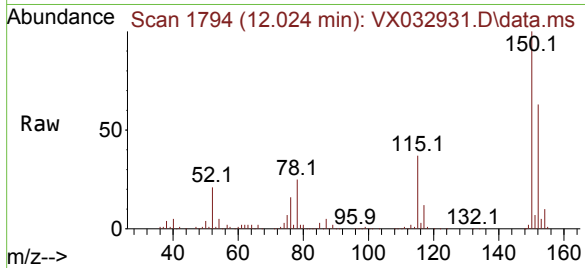




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032931.D
 Acq: 18 Nov 2022 17:37

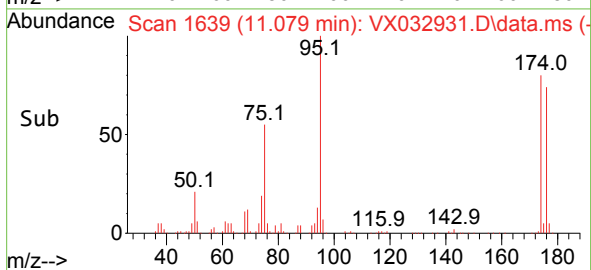
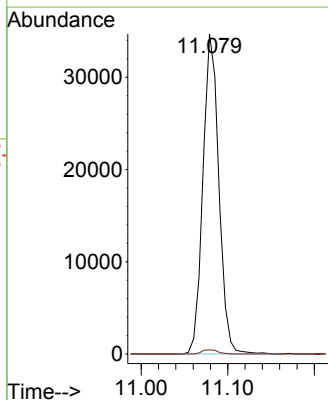
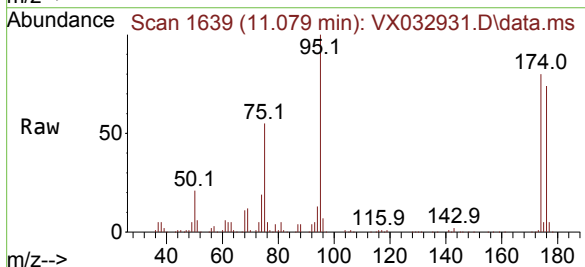
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20221115DL

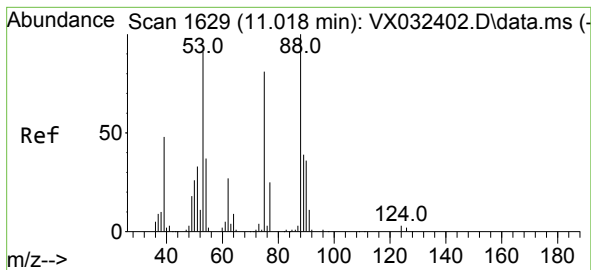
Tgt Ion:152 Resp: 69823
 Ion Ratio Lower Upper
 152 100
 115 59.1 44.0 132.0
 150 156.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.511 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032931.D
 Acq: 18 Nov 2022 17:37

Tgt Ion: 75 Resp: 44289
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.723 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032931.D
 Acq: 18 Nov 2022 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20221115DL

Tgt Ion: 75 Resp: 44289
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

