

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032949.D
 Acq On : 21 Nov 2022 13:59
 Operator : JC/MD
 Sample : N5729-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20221117

Quant Time: Nov 22 05:11:38 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)

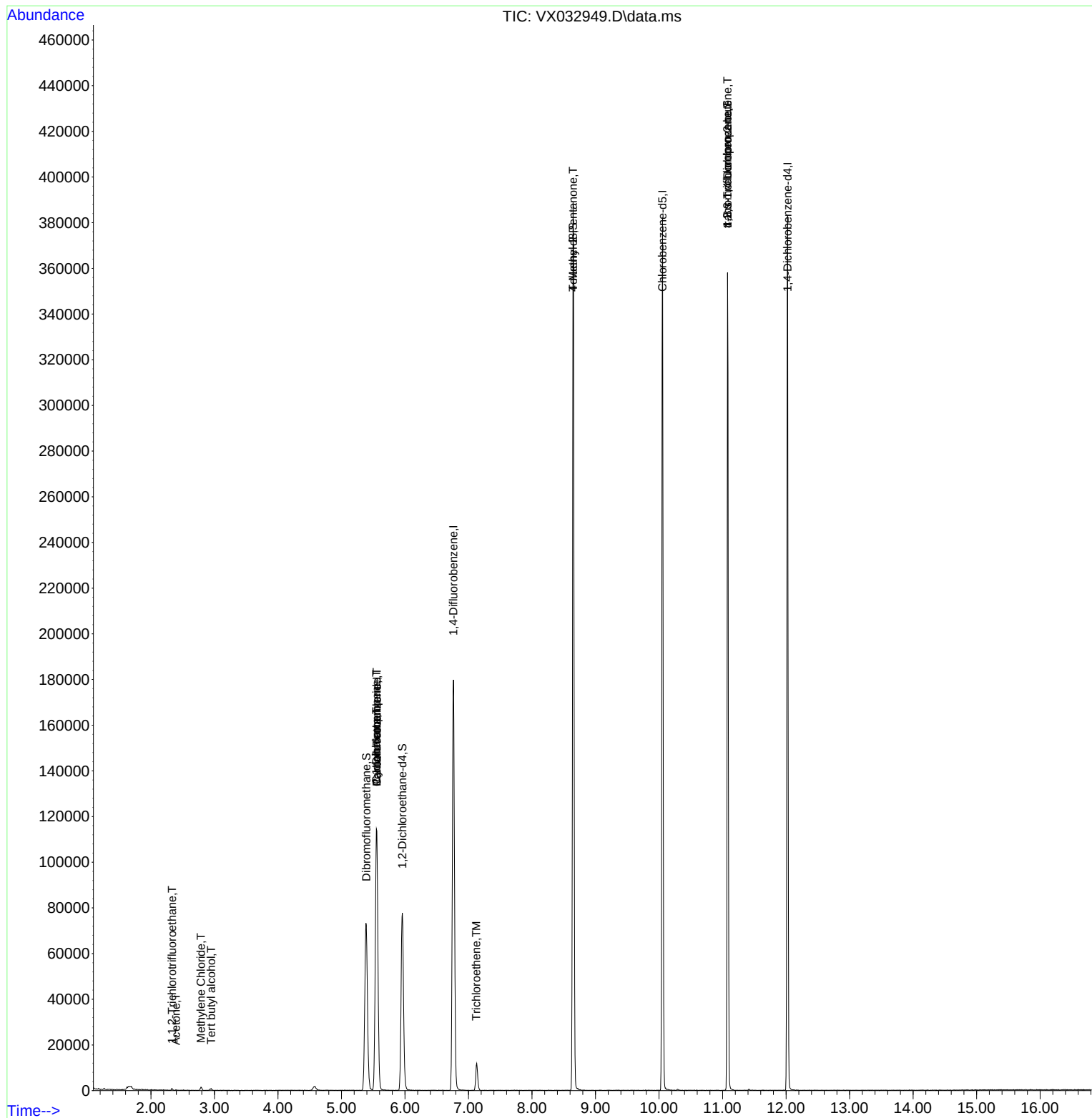
Internal Standards						
1) Pentafluorobenzene	5.556	168	109422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79628	52.373	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.740%		
35) Dibromofluoromethane	5.391	113	63274	47.931	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.860%		
50) Toluene-d8	8.647	98	229723	50.046	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.100%		
62) 4-Bromofluorobenzene	11.079	95	87813	48.974	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.940%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	272	0.232	ug/l #	77
11) Tert butyl alcohol	2.946	59	421	1.902	ug/l #	72
16) Acetone	2.392	43	220	0.398	ug/l #	45
20) Methylene Chloride	2.788	84	744	0.587	ug/l #	75
31) Cyclohexane	5.550	56	2478	1.344	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	8501	4.624	ug/l #	45
38) Carbon Tetrachloride	5.556	117	11376	5.579	ug/l #	15
44) Trichloroethene	7.123	130	4655	3.179	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	983	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47167	27.035	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47167	86.025	ug/l #	6

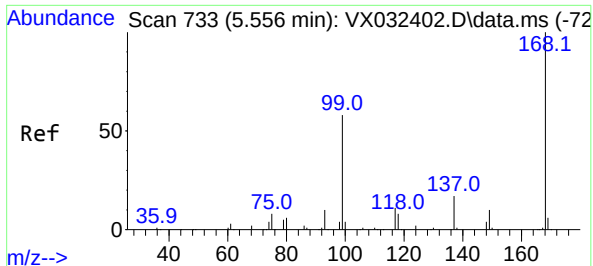
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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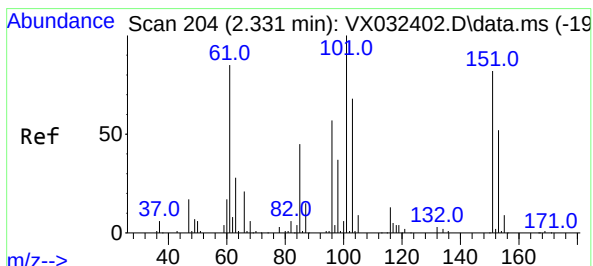
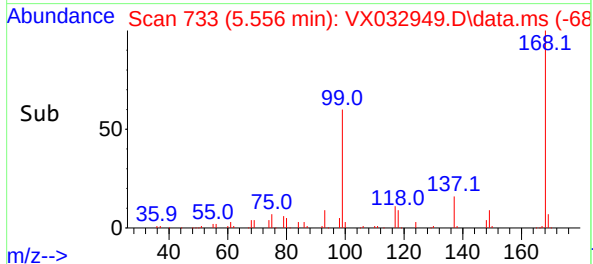
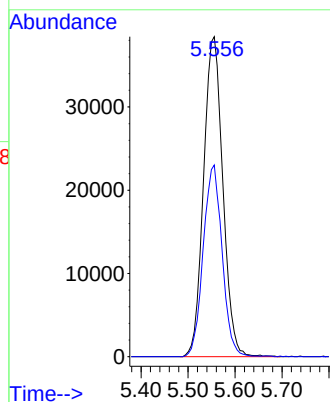
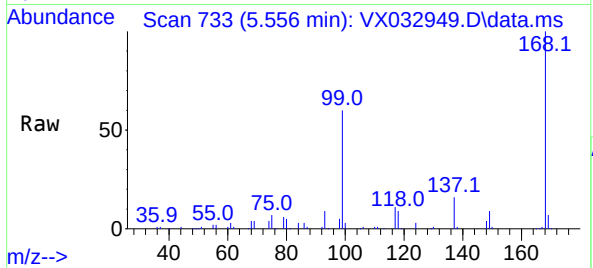




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

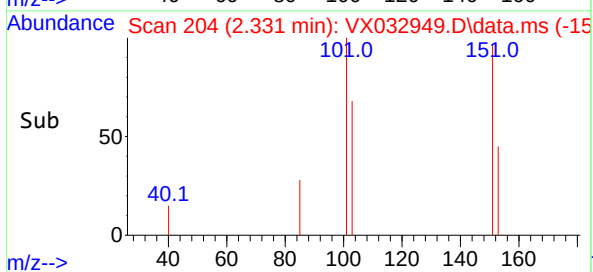
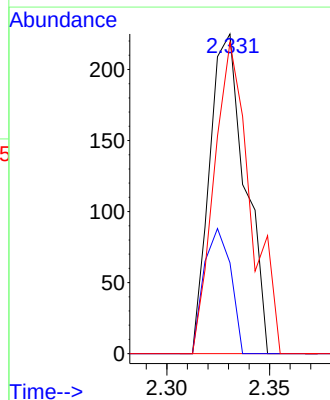
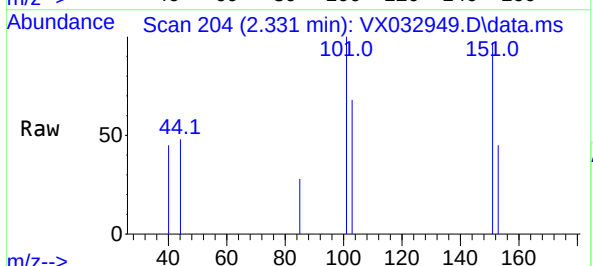
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

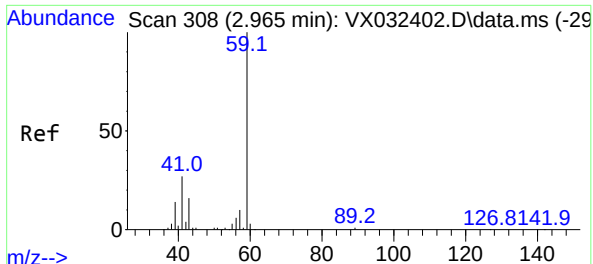
Tgt Ion:168 Resp: 109422
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.232 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Tgt Ion:101 Resp: 272
Ion Ratio Lower Upper
101 100
85 29.0 37.0 55.4#
151 99.3 64.4 96.6#





#11

Tert butyl alcohol

Concen: 1.902 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032949.D

Acq: 21 Nov 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

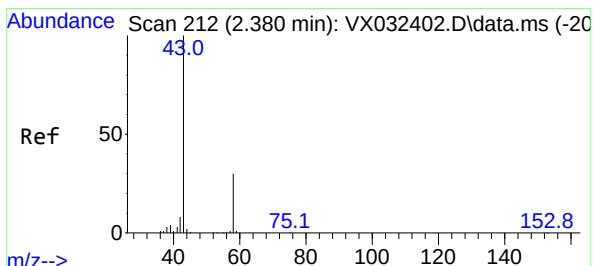
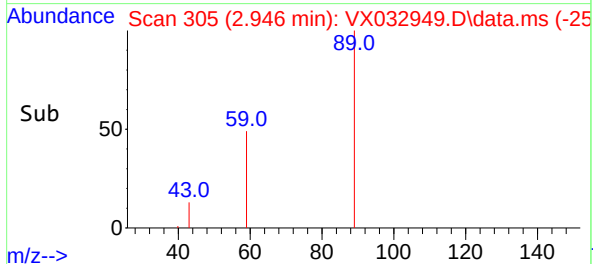
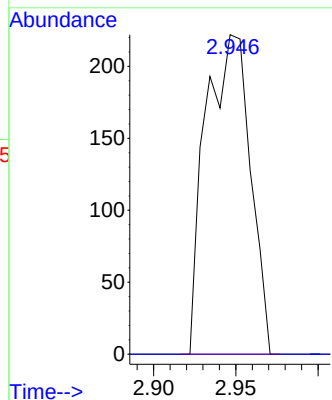
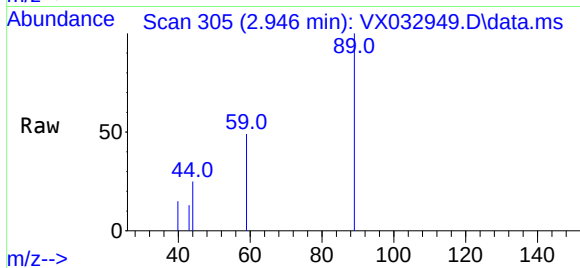
DUP02-20221117

Tgt Ion: 59 Resp: 421

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.398 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032949.D

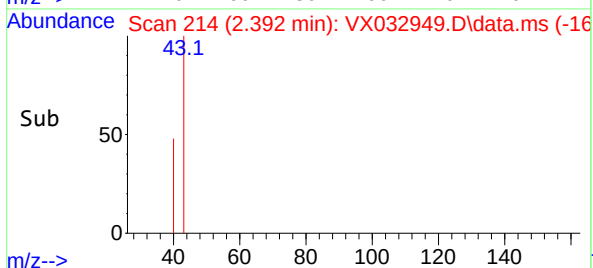
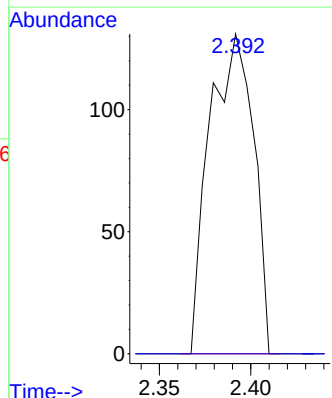
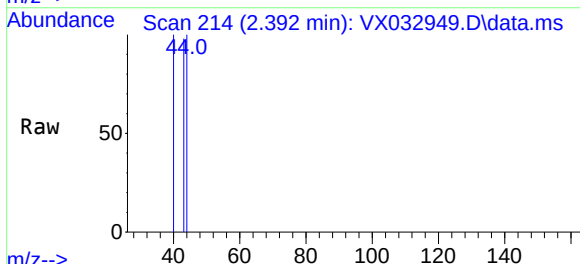
Acq: 21 Nov 2022 13:59

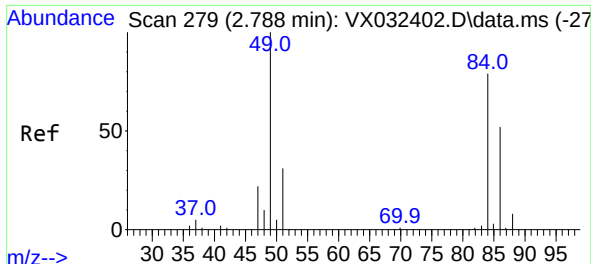
Tgt Ion: 43 Resp: 220

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

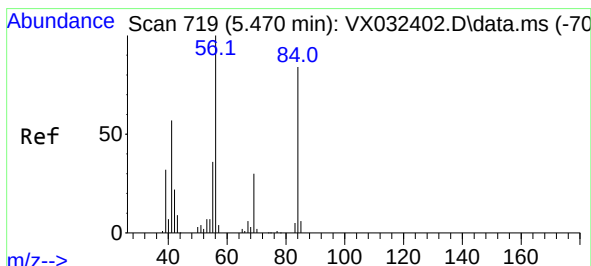
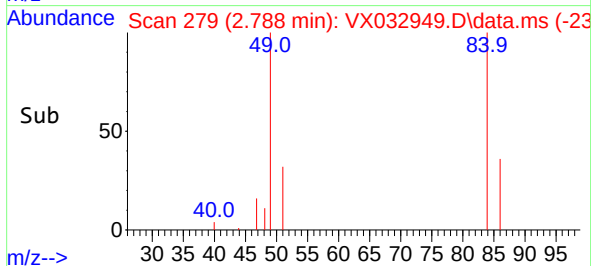
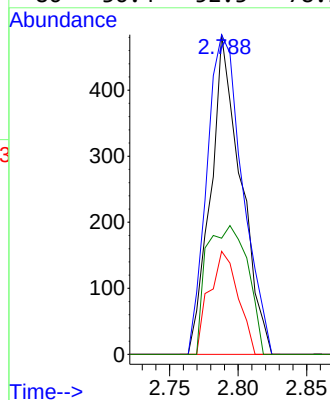
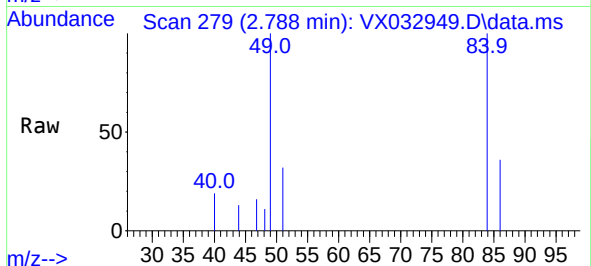




#20
Methylene Chloride
Concen: 0.587 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

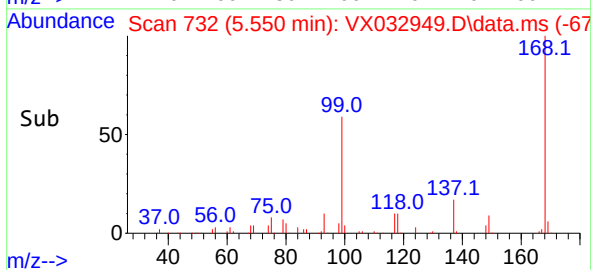
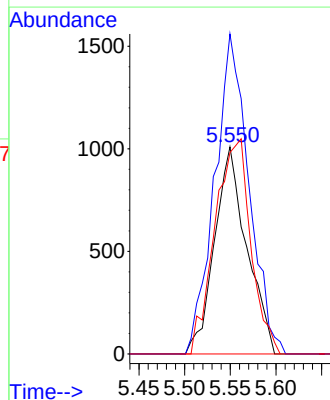
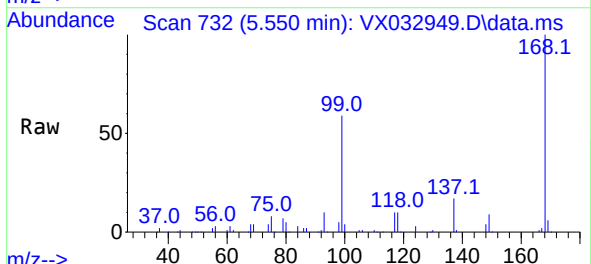
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

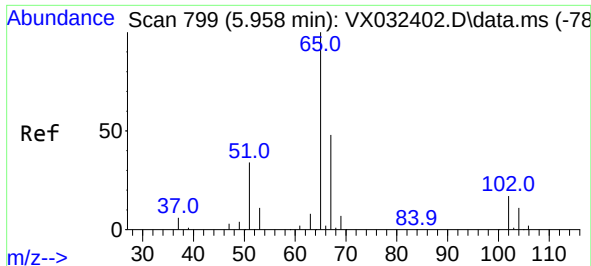
Tgt Ion:	84	Resp:	744
Ion	Ratio	Lower	Upper
84	100		
49	100.0	101.0	151.6#
51	32.2	31.1	46.7
86	36.4	52.3	78.5#



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Tgt Ion:	56	Resp:	2478
Ion	Ratio	Lower	Upper
56	100		
69	154.6	24.1	36.1#
84	97.3	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.373 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032949.D

Acq: 21 Nov 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

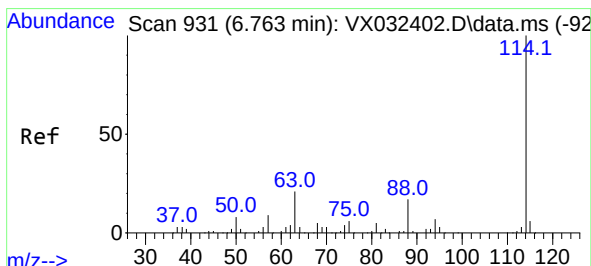
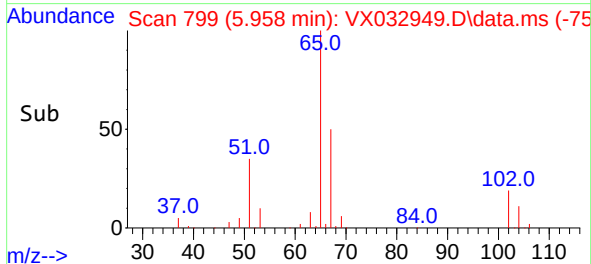
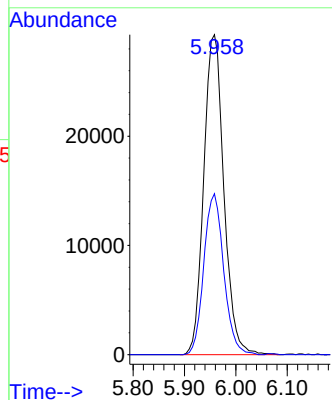
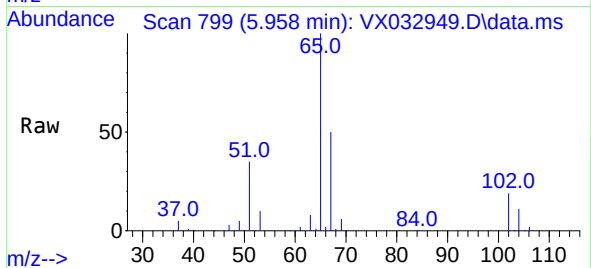
DUP02-20221117

Tgt Ion: 65 Resp: 79628

Ion Ratio Lower Upper

65 100

67 49.8 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: VX032949.D

Acq: 21 Nov 2022 13:59

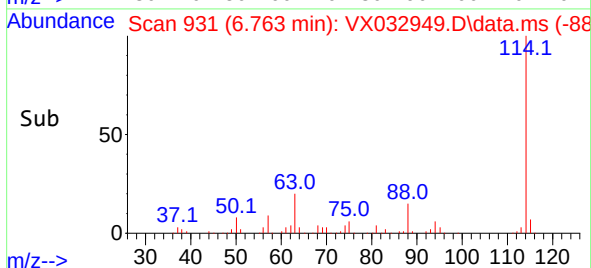
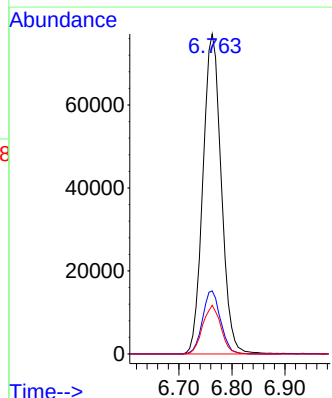
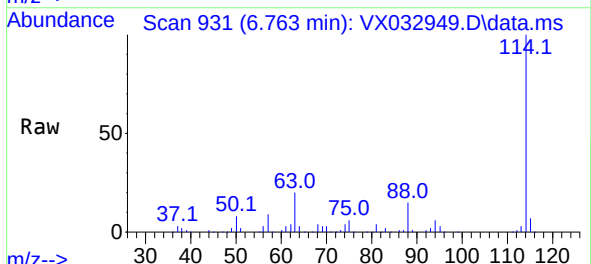
Tgt Ion: 114 Resp: 185066

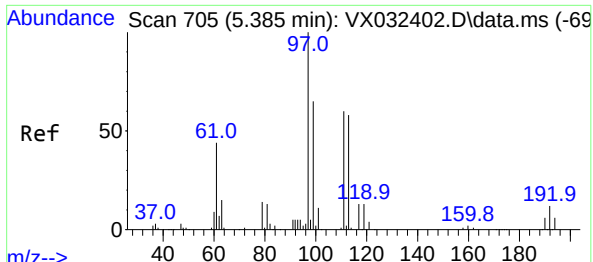
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.2 0.0 33.4

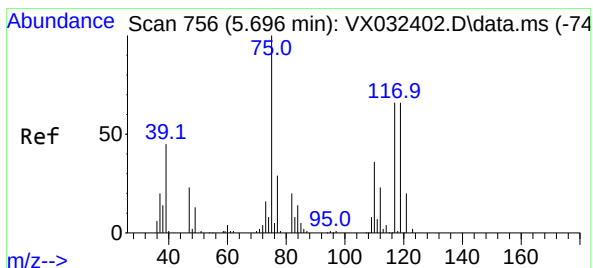
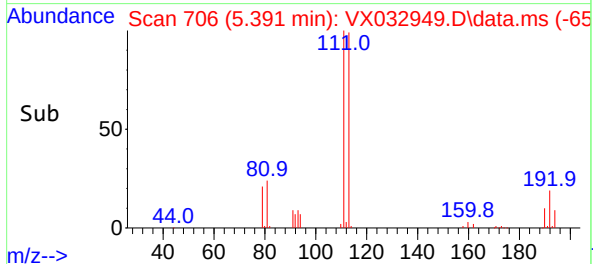
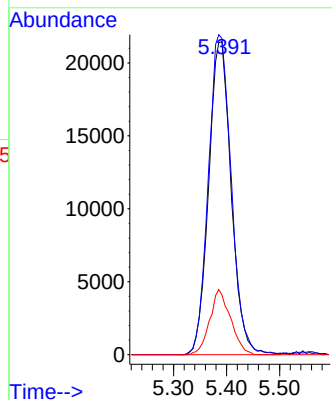
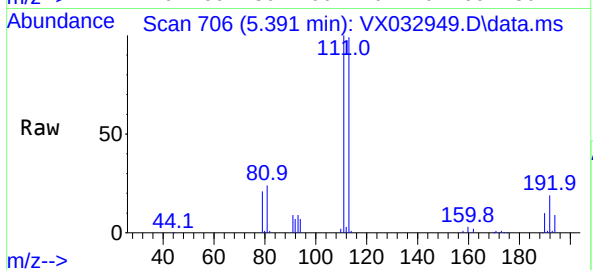




#35
Dibromofluoromethane
Concen: 47.931 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

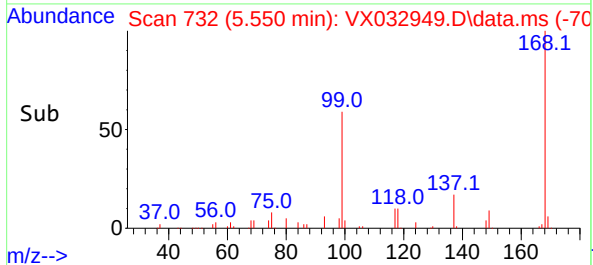
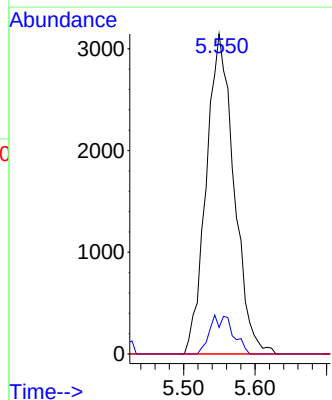
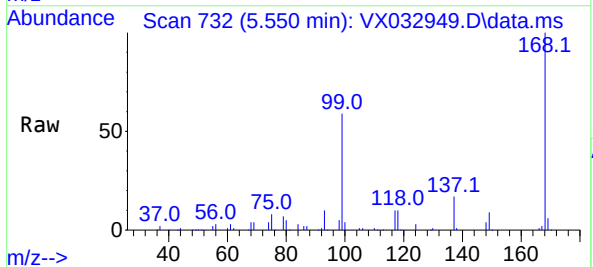
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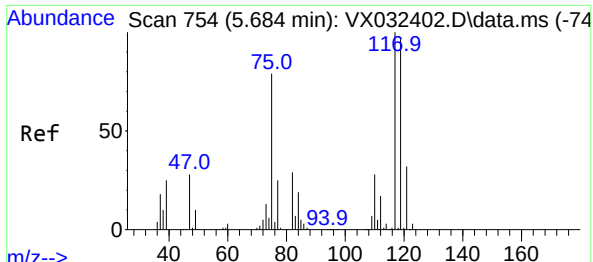
Tgt Ion:113 Resp: 63274
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

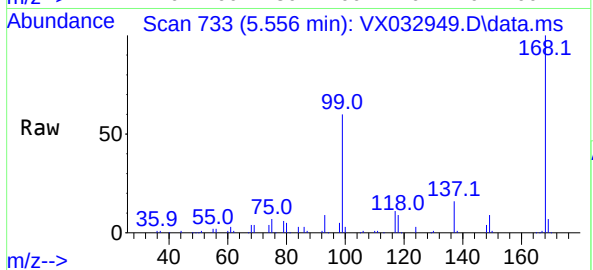
Tgt Ion: 75 Resp: 8501
Ion Ratio Lower Upper
75 100
110 4.6 18.4 55.2#
77 0.0 24.5 36.7#



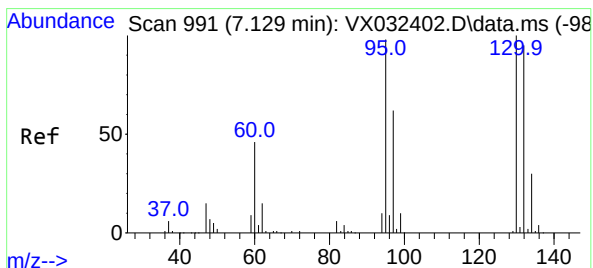
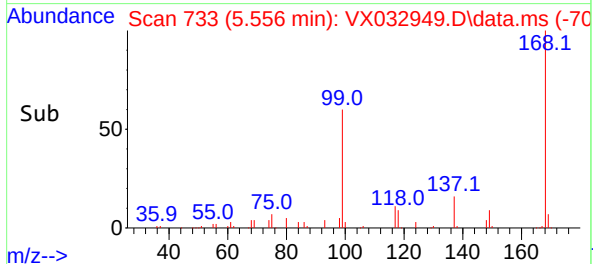
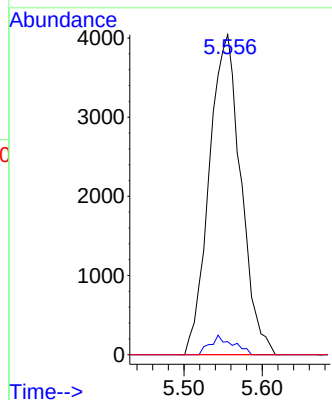


#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
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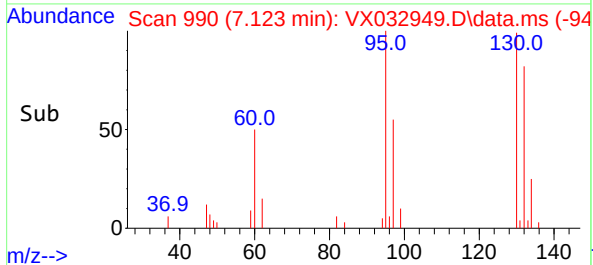
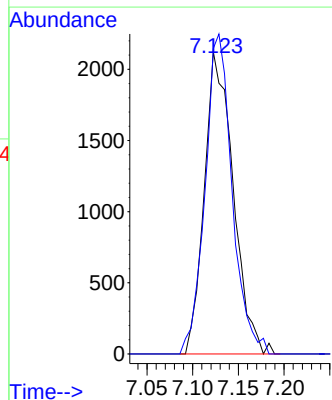
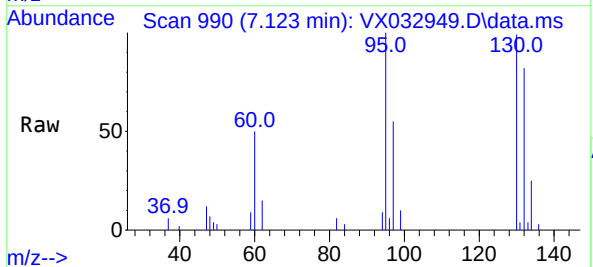


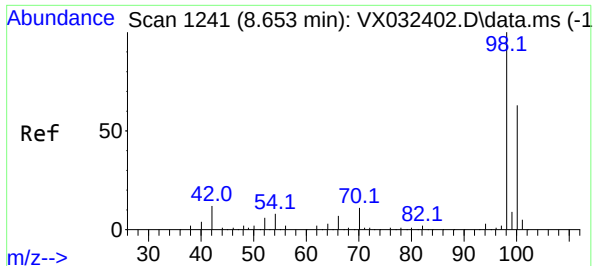
Tgt Ion:117 Resp: 11376
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 3.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Tgt Ion:130 Resp: 4655
Ion Ratio Lower Upper
130 100
95 101.1 0.0 195.2





#50

Toluene-d8

Concen: 50.046 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032949.D

Acq: 21 Nov 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

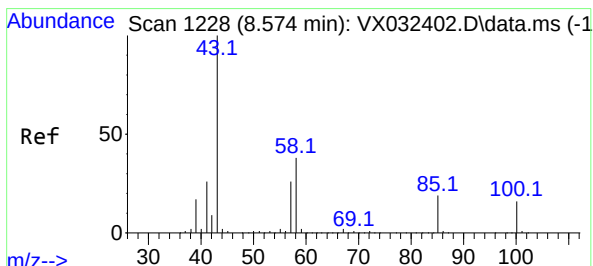
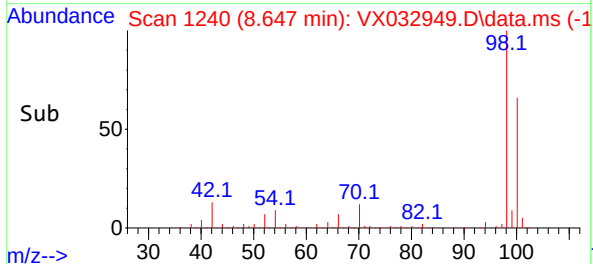
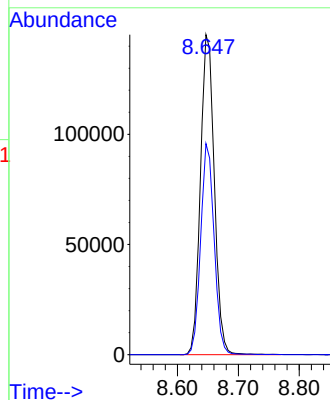
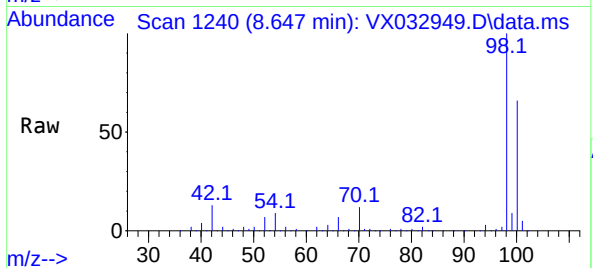
DUP02-20221117

Tgt Ion: 98 Resp: 229723

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.531 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032949.D

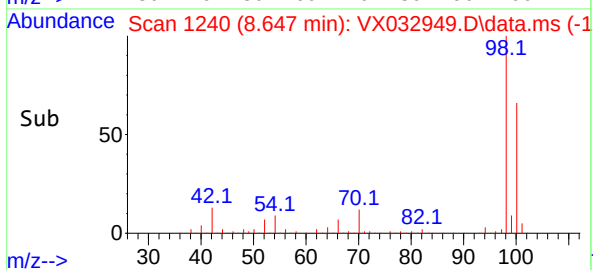
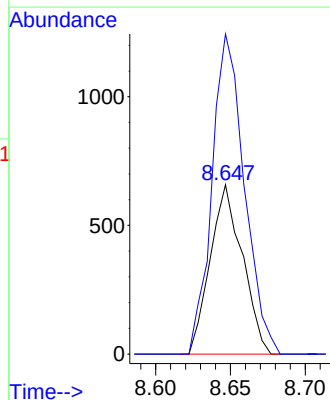
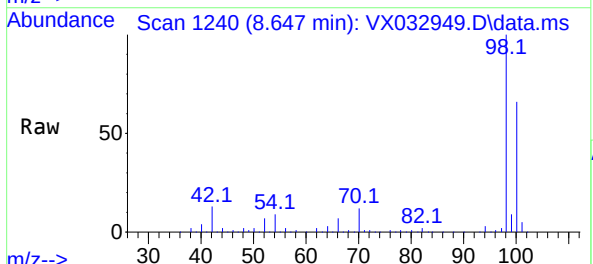
Acq: 21 Nov 2022 13:59

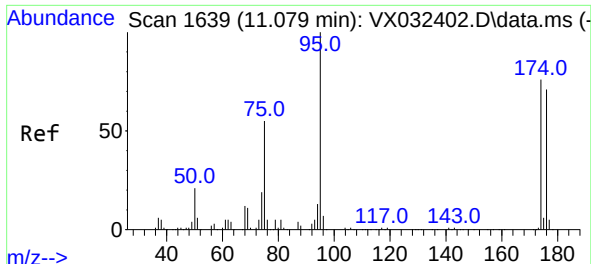
Tgt Ion: 43 Resp: 983

Ion Ratio Lower Upper

43 100

58 190.6 30.9 46.3#

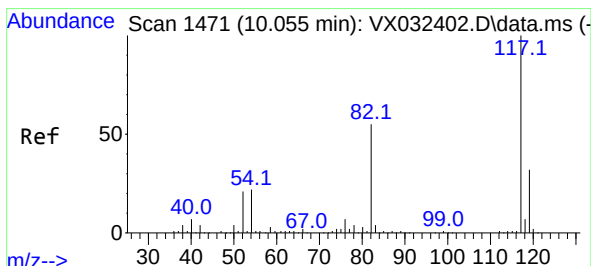
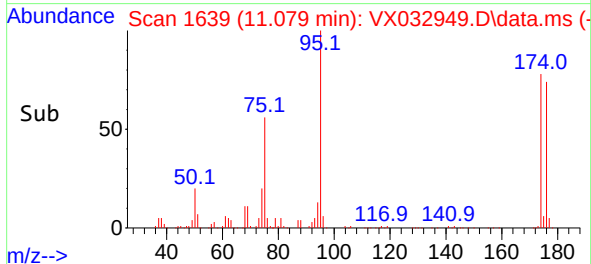
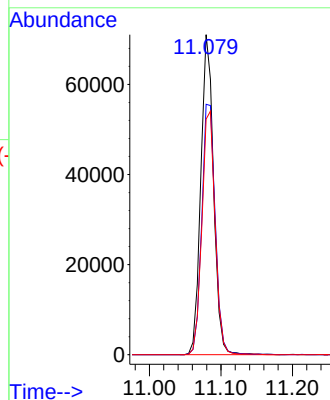
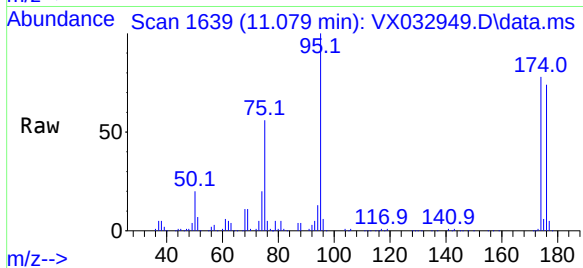




#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

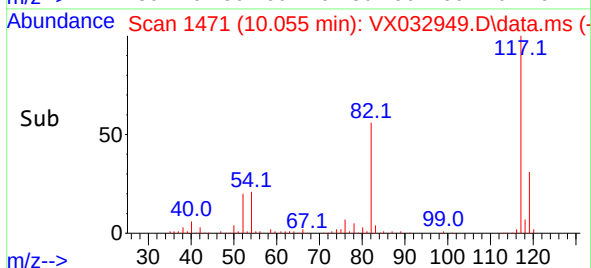
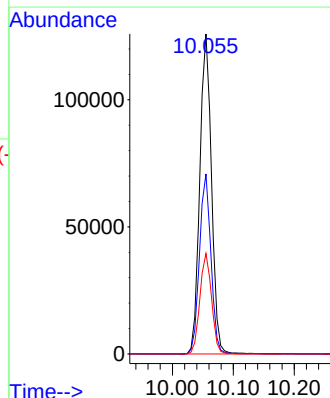
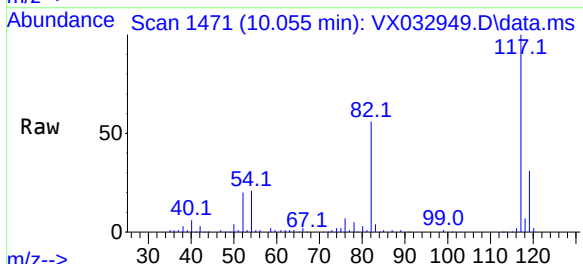
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

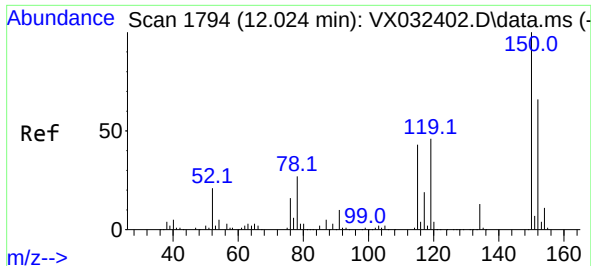
Tgt Ion: 95 Resp: 87813
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Tgt Ion: 117 Resp: 167588
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 31.4 25.7 38.5

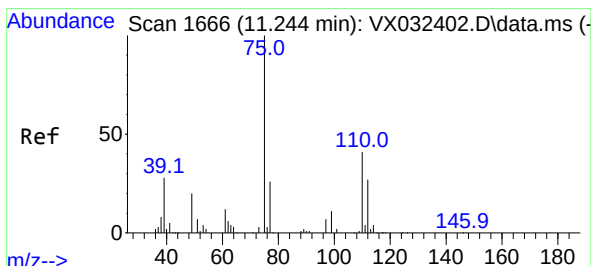
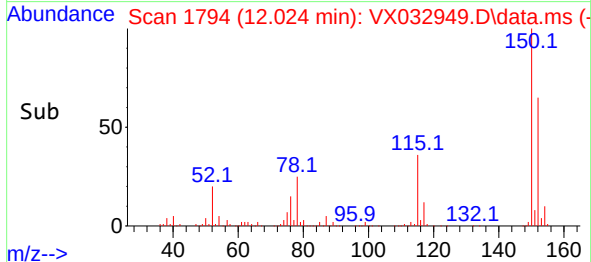
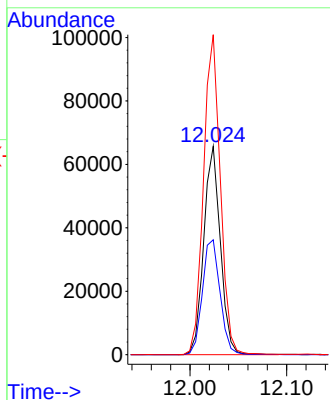
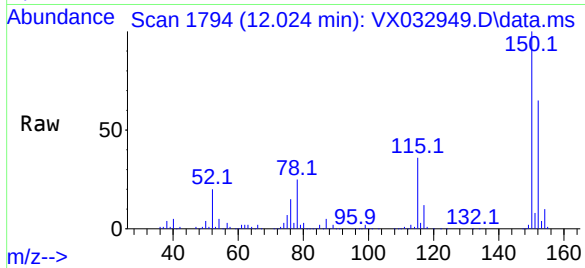




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

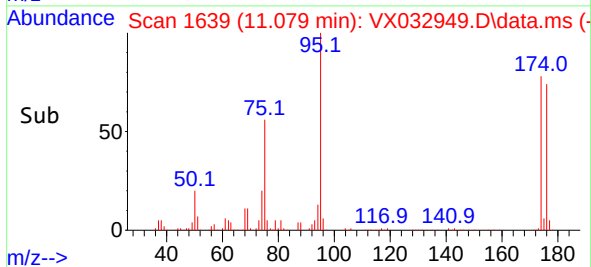
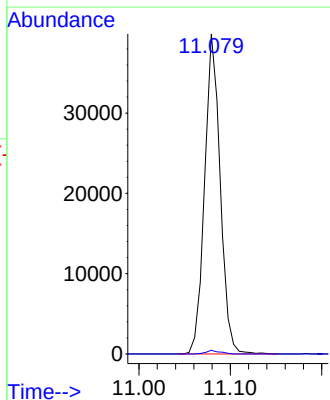
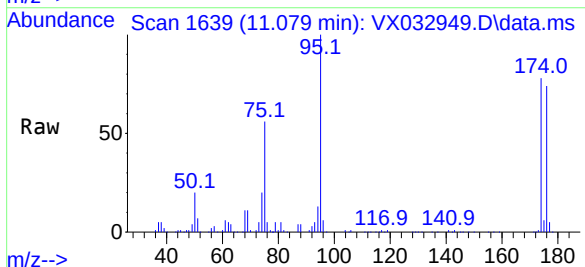
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

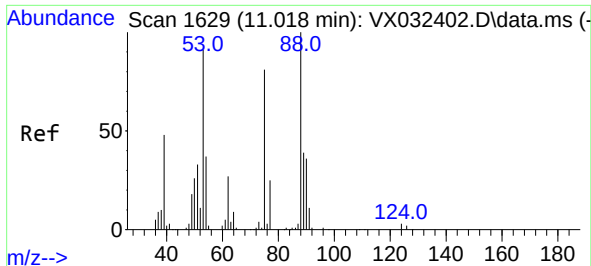
Tgt Ion:152 Resp: 78421
Ion Ratio Lower Upper
152 100
115 58.9 44.0 132.0
150 155.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

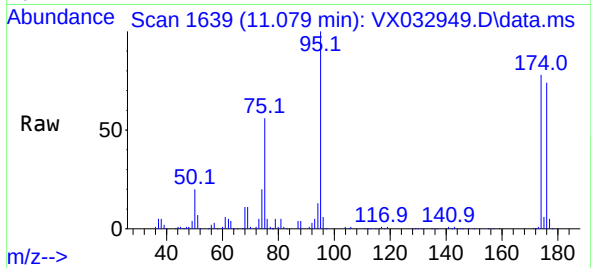
Tgt Ion: 75 Resp: 47167
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.025 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032949.D
Acq: 21 Nov 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117



Tgt Ion: 75 Resp: 47167
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

