

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026929.D
 Acq On : 10 Feb 2022 18:41
 Operator : JC/MD
 Sample : N1447-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP020922DL

Quant Time: Feb 11 04:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

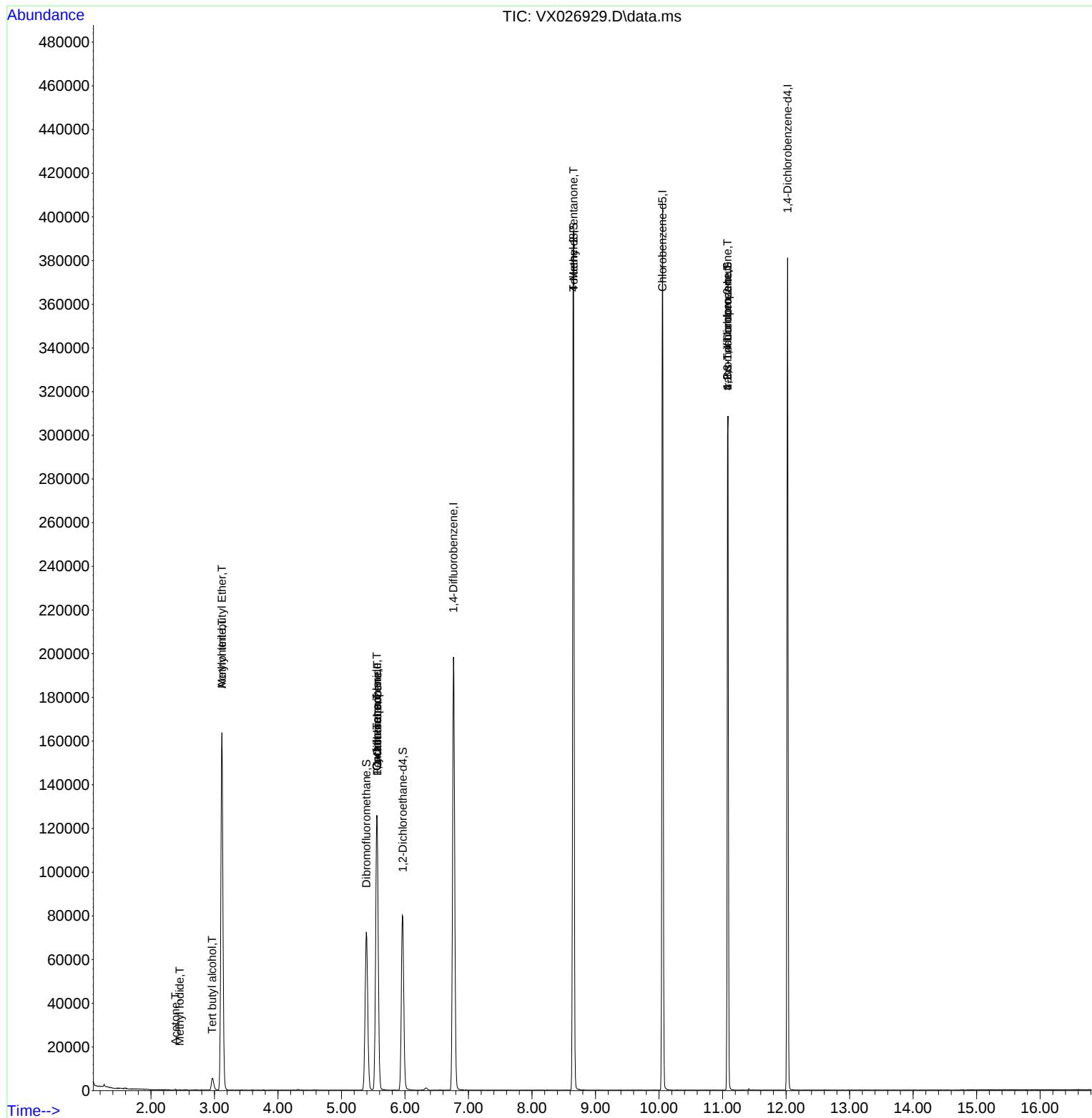
Internal Standards						
1) Pentafluorobenzene	5.562	168	118806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78603	55.116	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 110.240%		
35) Dibromofluoromethane	5.391	113	63415	52.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.240%		
50) Toluene-d8	8.653	98	236837	53.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 107.080%		
62) 4-Bromofluorobenzene	11.079	95	84812	54.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 108.920%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	41	2.277	ug/l #	37
11) Tert butyl alcohol	2.965	59	7883	30.597	ug/l #	75
15) Acrylonitrile	3.117	53	2070	2.804	ug/l #	29
16) Acetone	2.386	43	351	0.560	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	178871	41.562	ug/l	100
31) Cyclohexane	5.556	56	2422	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9316	4.900	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12428	6.234	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	966	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42485	25.590	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	42485	77.974	ug/l #	4

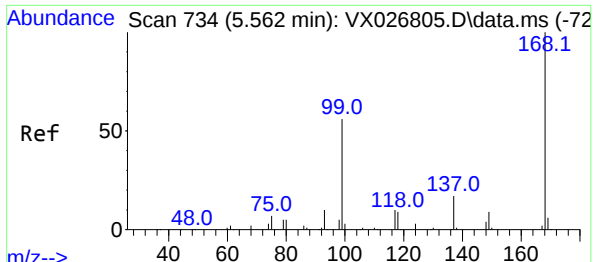
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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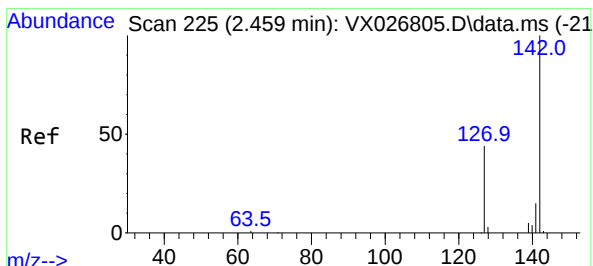
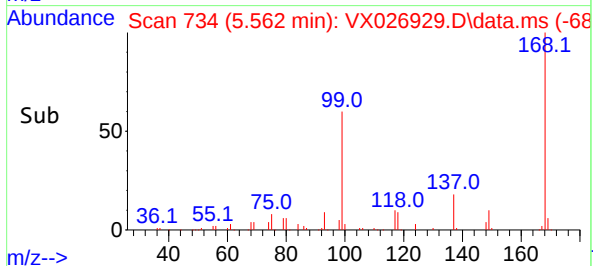
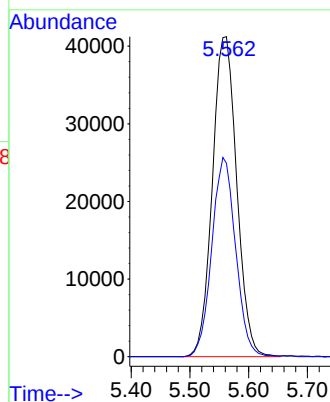
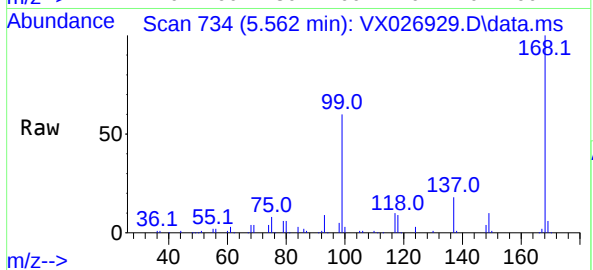




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

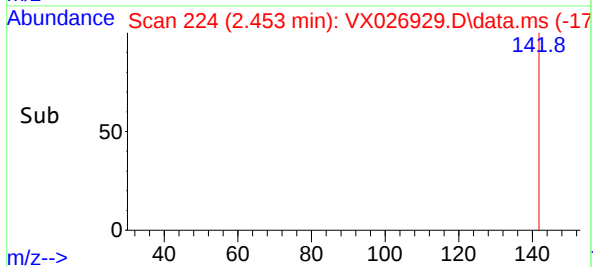
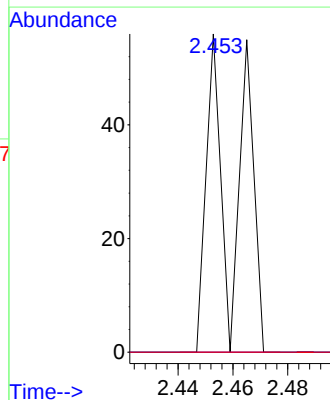
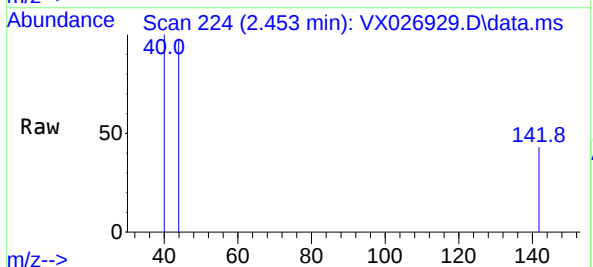
Instrument :
MSVOA_X
ClientSampleId :
DUP020922DL

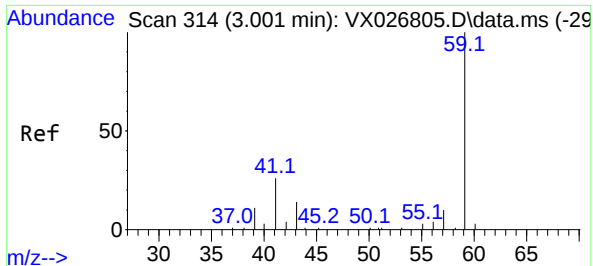
Tgt Ion:168 Resp: 118806
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#10
Methyl Iodide
Concen: 2.277 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 30.597 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.036 min

Lab File: VX026929.D

Acq: 10 Feb 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

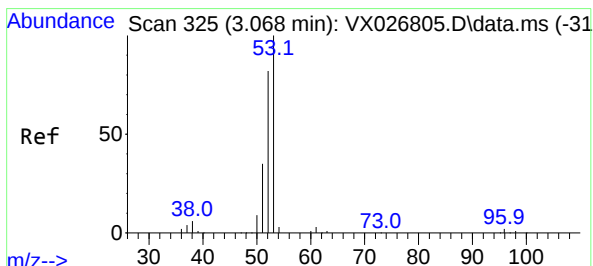
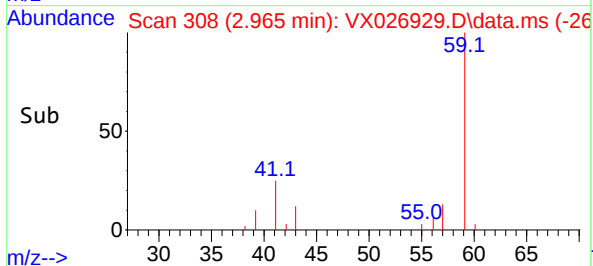
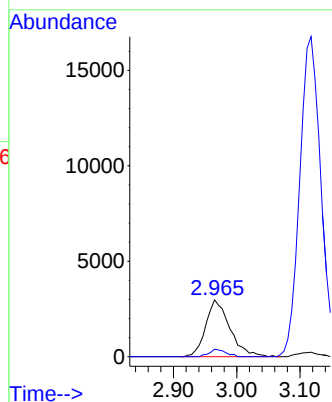
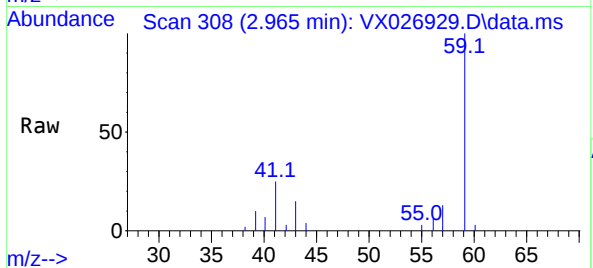
DUP020922DL

Tgt Ion: 59 Resp: 7883

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#15

Acrylonitrile

Concen: 2.804 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.049 min

Lab File: VX026929.D

Acq: 10 Feb 2022 18:41

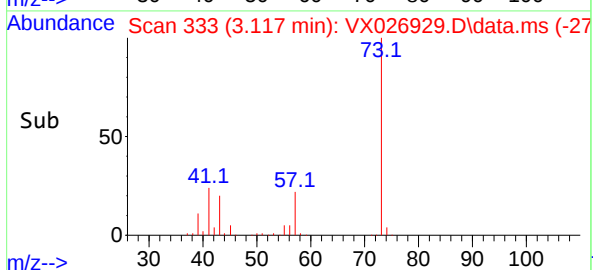
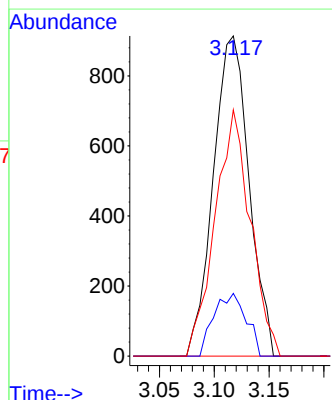
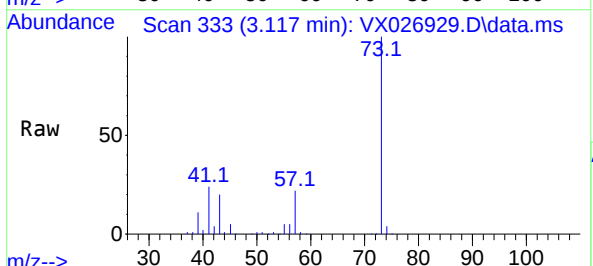
Tgt Ion: 53 Resp: 2070

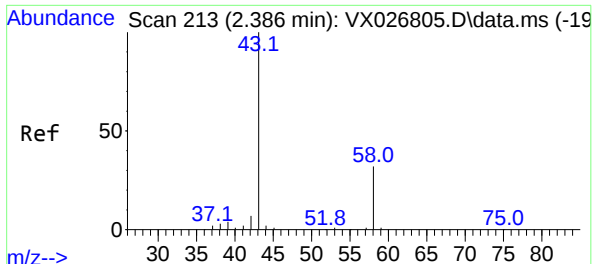
Ion Ratio Lower Upper

53 100

52 17.7 66.6 100.0#

51 76.1 29.5 44.3#

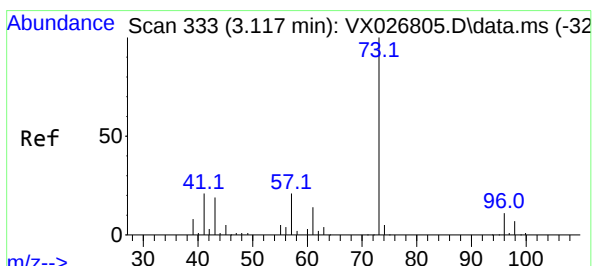
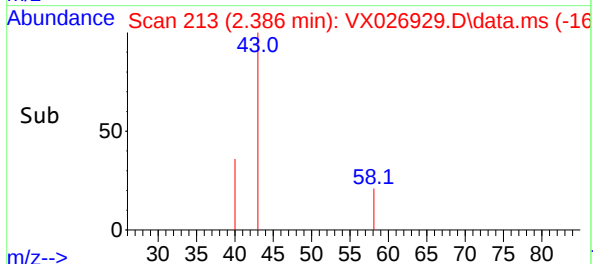
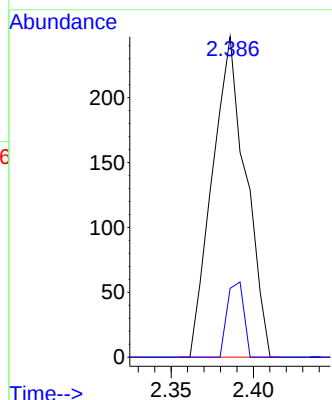
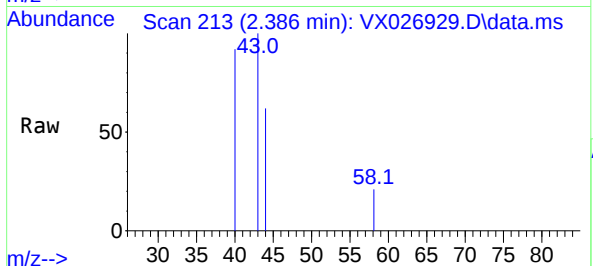




#16
Acetone
Concen: 0.560 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

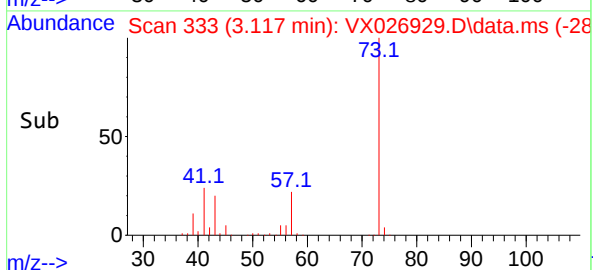
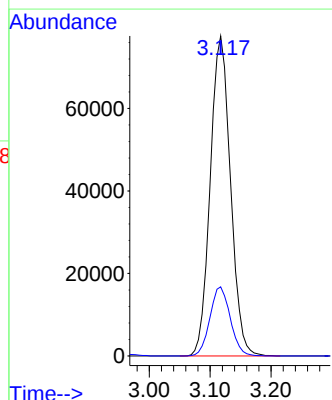
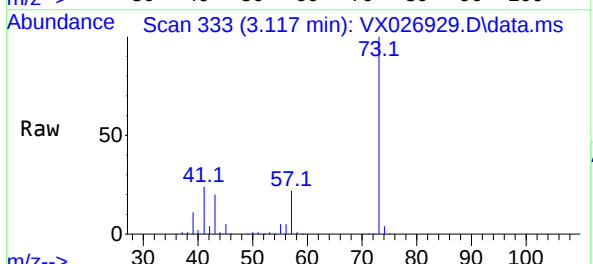
Instrument :
MSVOA_X
ClientSampleId :
DUP020922DL

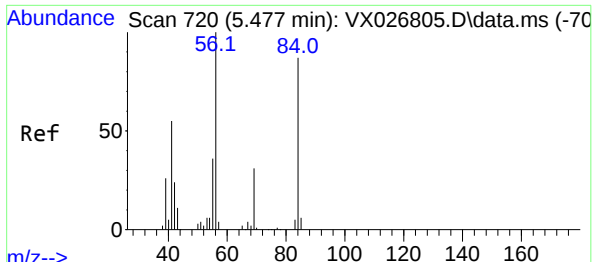
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 21.5 23.0 34.6#



#19
Methyl tert-butyl Ether
Concen: 41.562 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

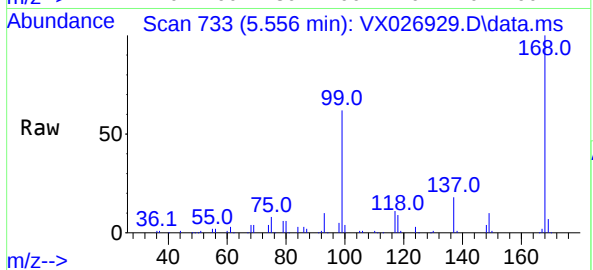
Tgt Ion: 73 Resp: 178871
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



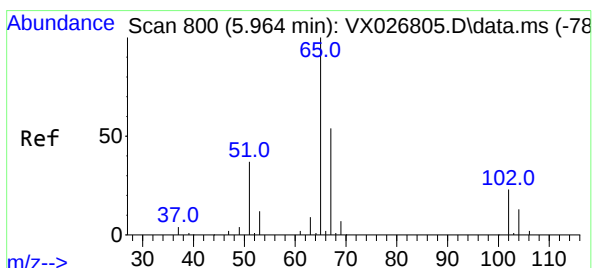
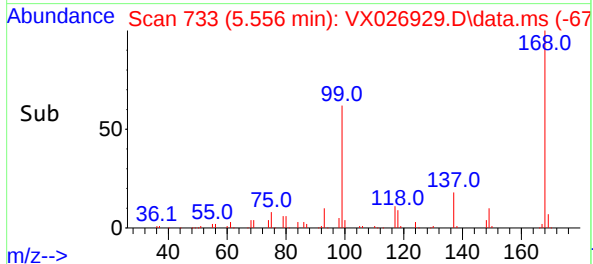
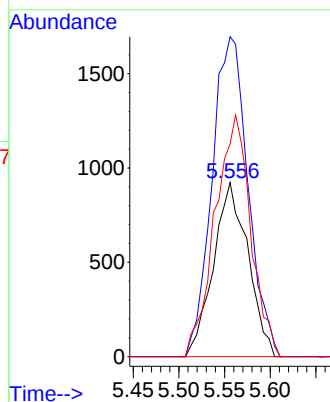


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
DUP020922DL

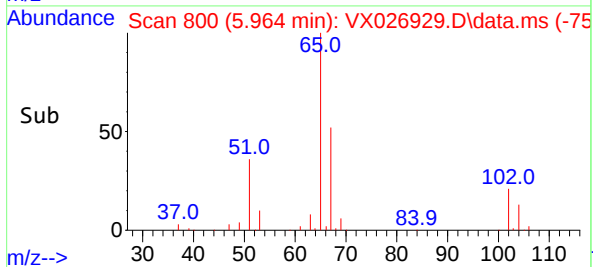
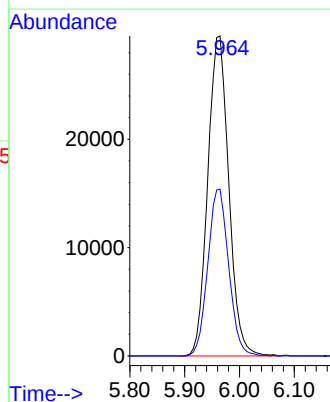
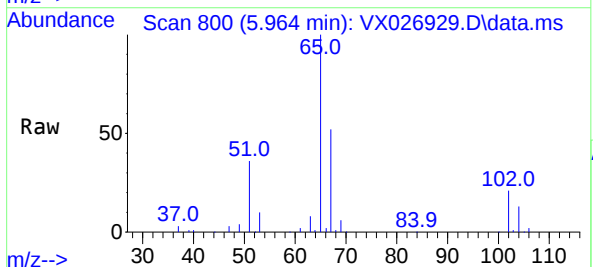


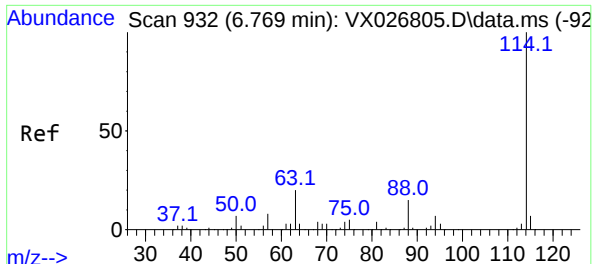
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 183.7 25.8 38.6#
84 122.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.116 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Tgt Ion: 65 Resp: 78603
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

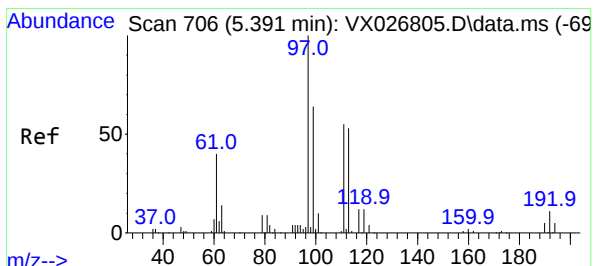
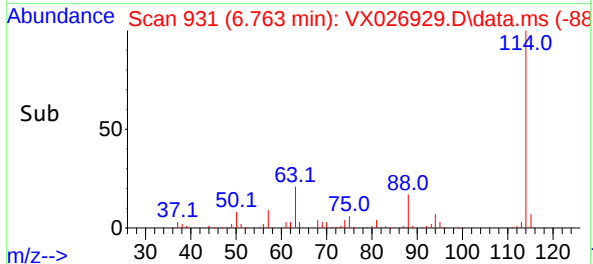
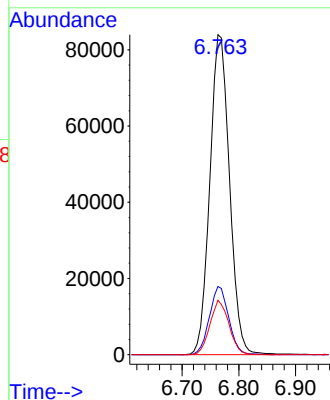
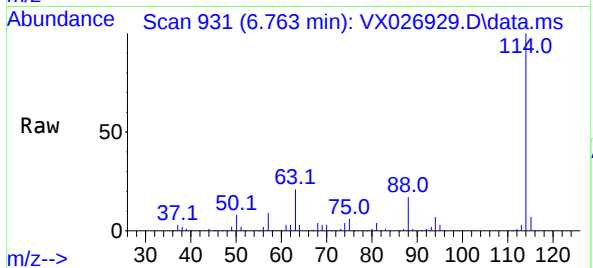




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

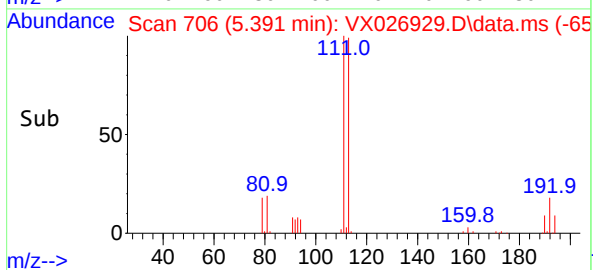
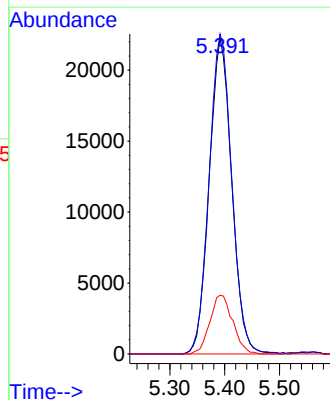
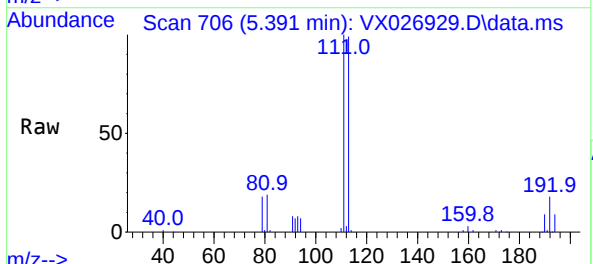
Instrument :
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ClientSampleId :
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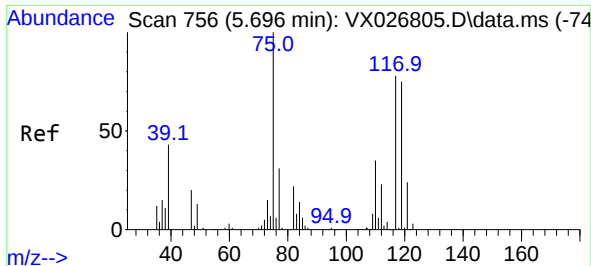
Tgt Ion:114 Resp: 202281
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 17.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.620 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Tgt Ion:113 Resp: 63415
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.9 15.0 22.4

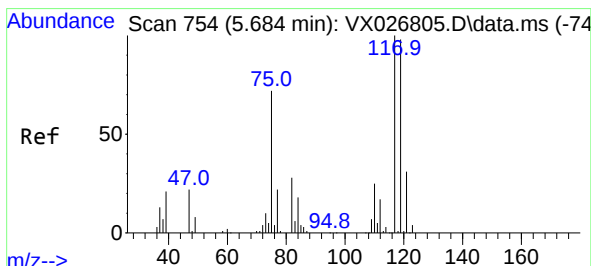
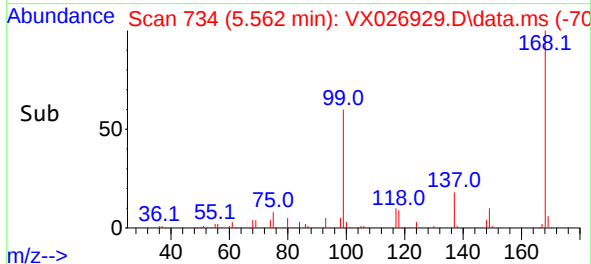
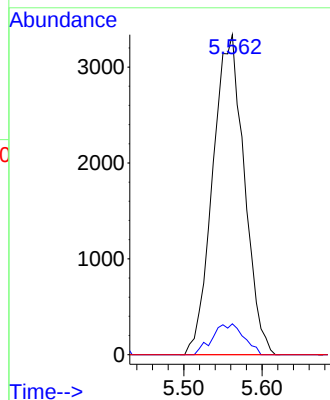
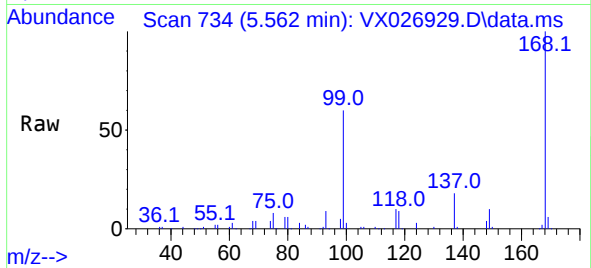




#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

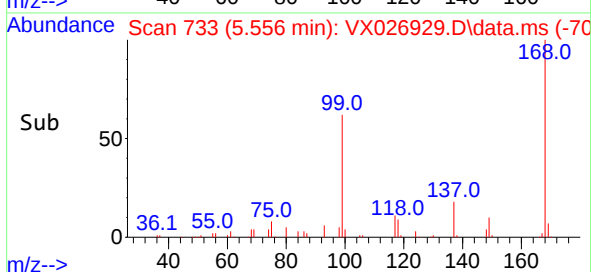
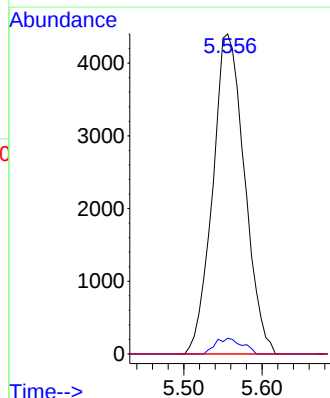
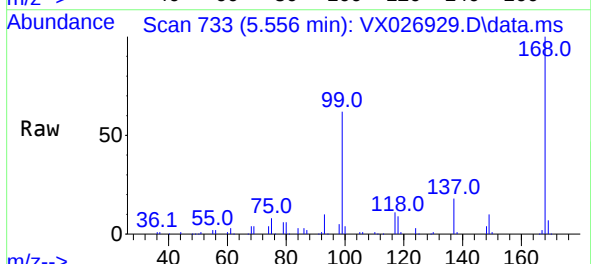
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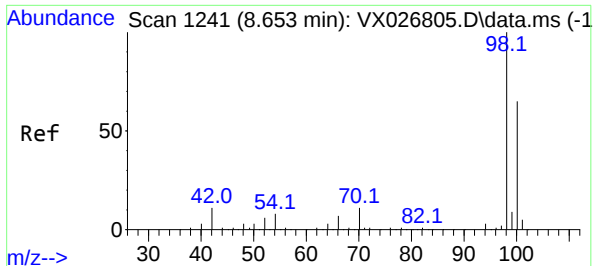
Tgt Ion: 75 Resp: 9316
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Tgt Ion: 117 Resp: 12428
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.537 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026929.D

Acq: 10 Feb 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

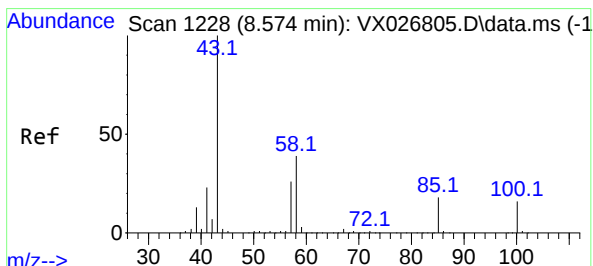
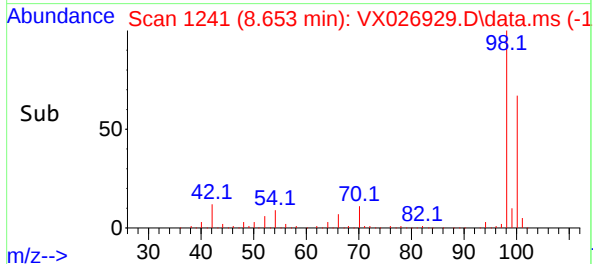
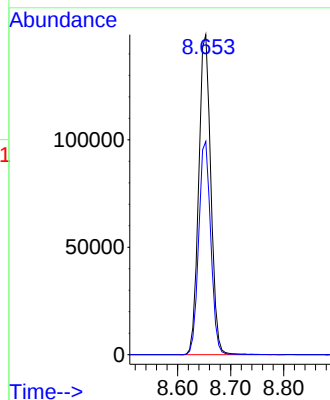
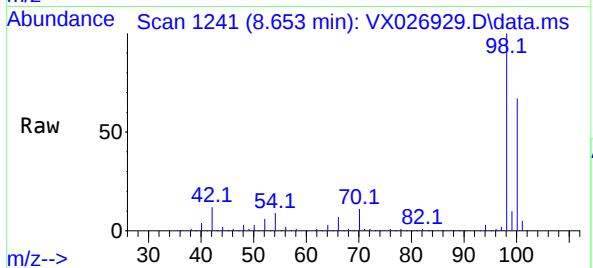
DUP020922DL

Tgt Ion: 98 Resp: 236837

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.480 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026929.D

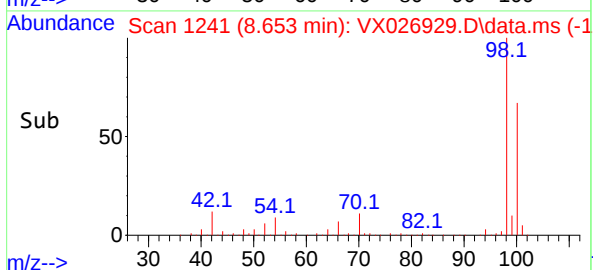
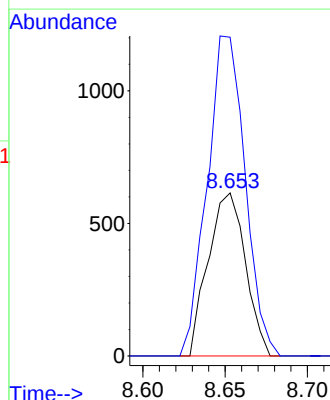
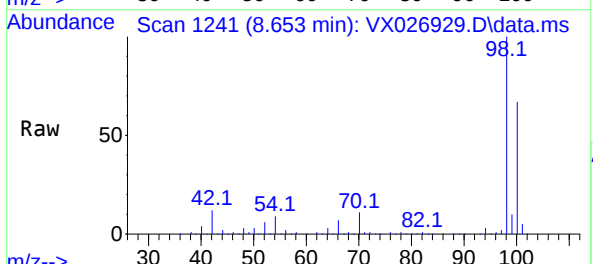
Acq: 10 Feb 2022 18:41

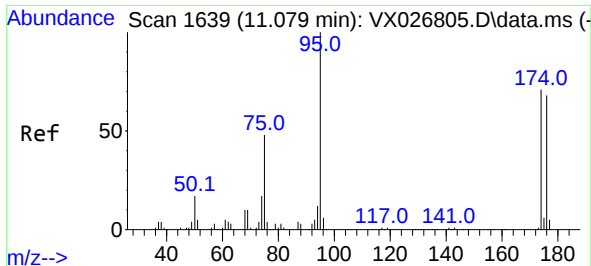
Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 200.2 30.5 45.7#

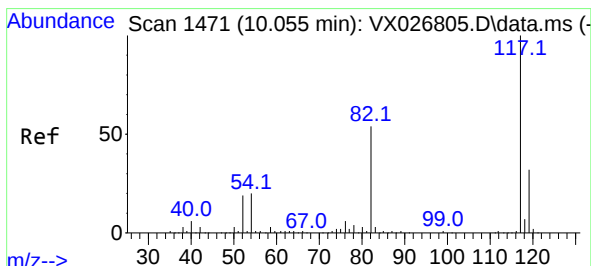
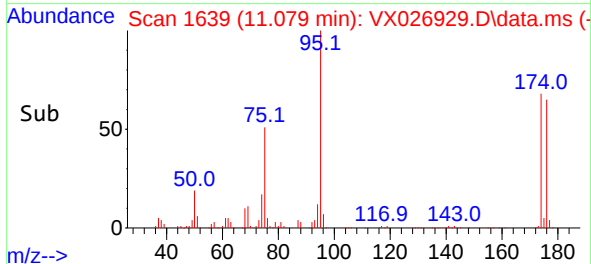
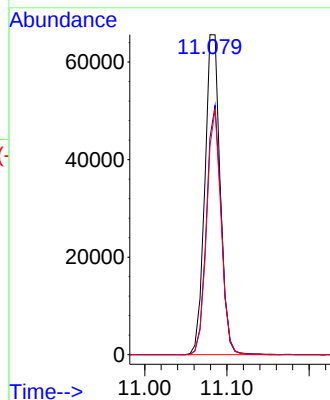
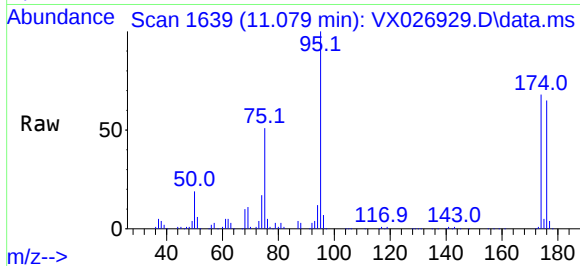




#62
4-Bromofluorobenzene
Concen: 54.455 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

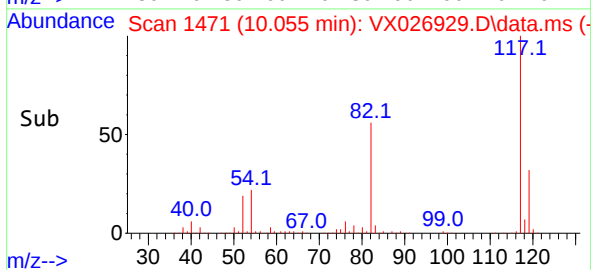
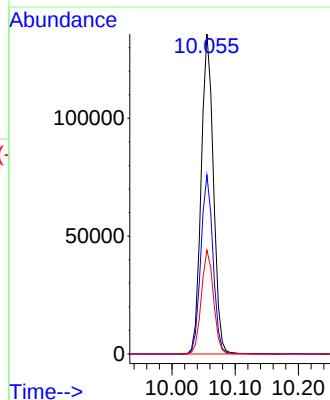
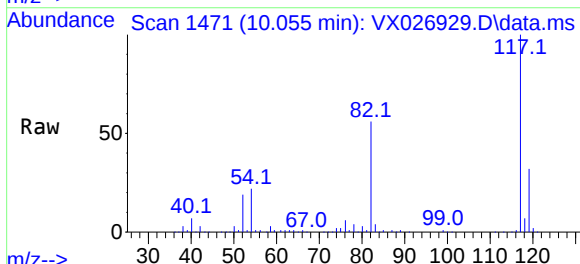
Instrument :
MSVOA_X
ClientSampleId :
DUP020922DL

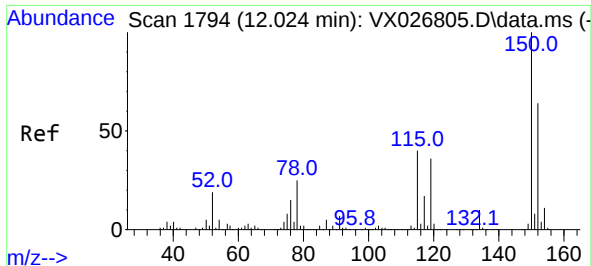
Tgt Ion: 95 Resp: 84812
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Tgt Ion: 117 Resp: 183019
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.5 26.2 39.2

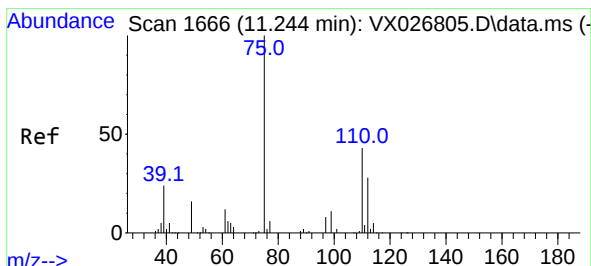
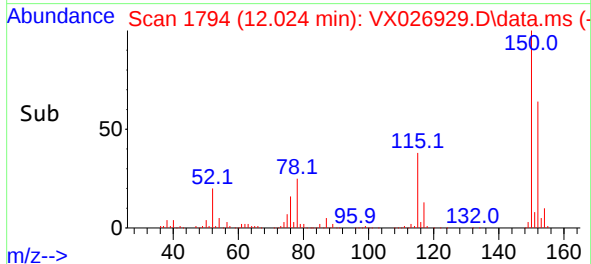
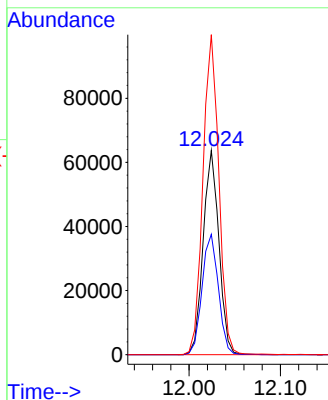
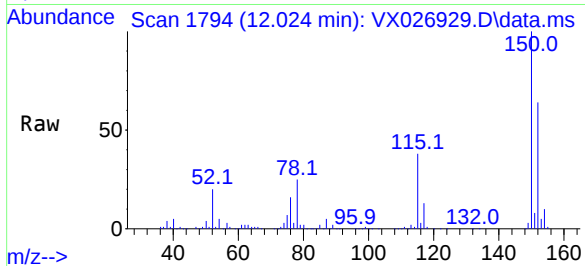




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026929.D
 Acq: 10 Feb 2022 18:41

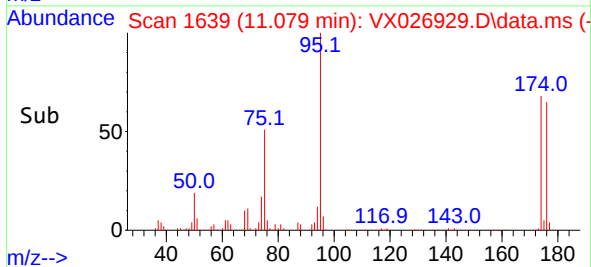
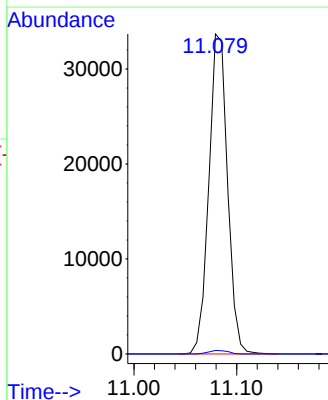
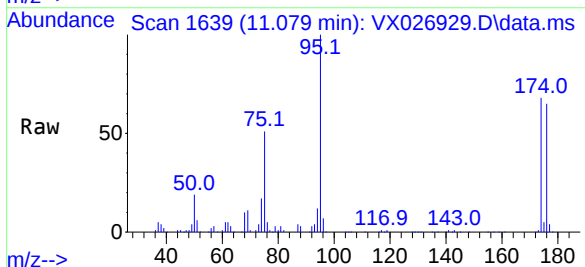
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP020922DL

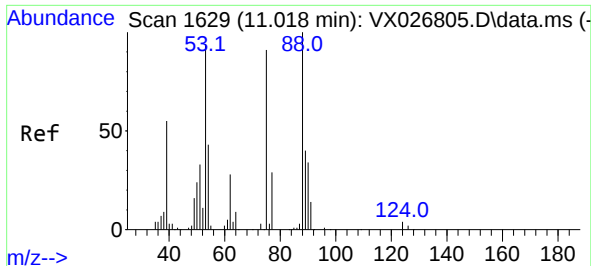
Tgt Ion:152 Resp: 75843
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.2 132.6
 150 158.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.590 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026929.D
 Acq: 10 Feb 2022 18:41

Tgt Ion: 75 Resp: 42485
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.974 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026929.D
Acq: 10 Feb 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
DUP020922DL

Tgt Ion: 75 Resp: 42485
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

