

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029005.D
 Acq On : 26 May 2022 17:35
 Operator : JC/MD
 Sample : N3030-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP-3-20220524

Quant Time: May 27 07:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

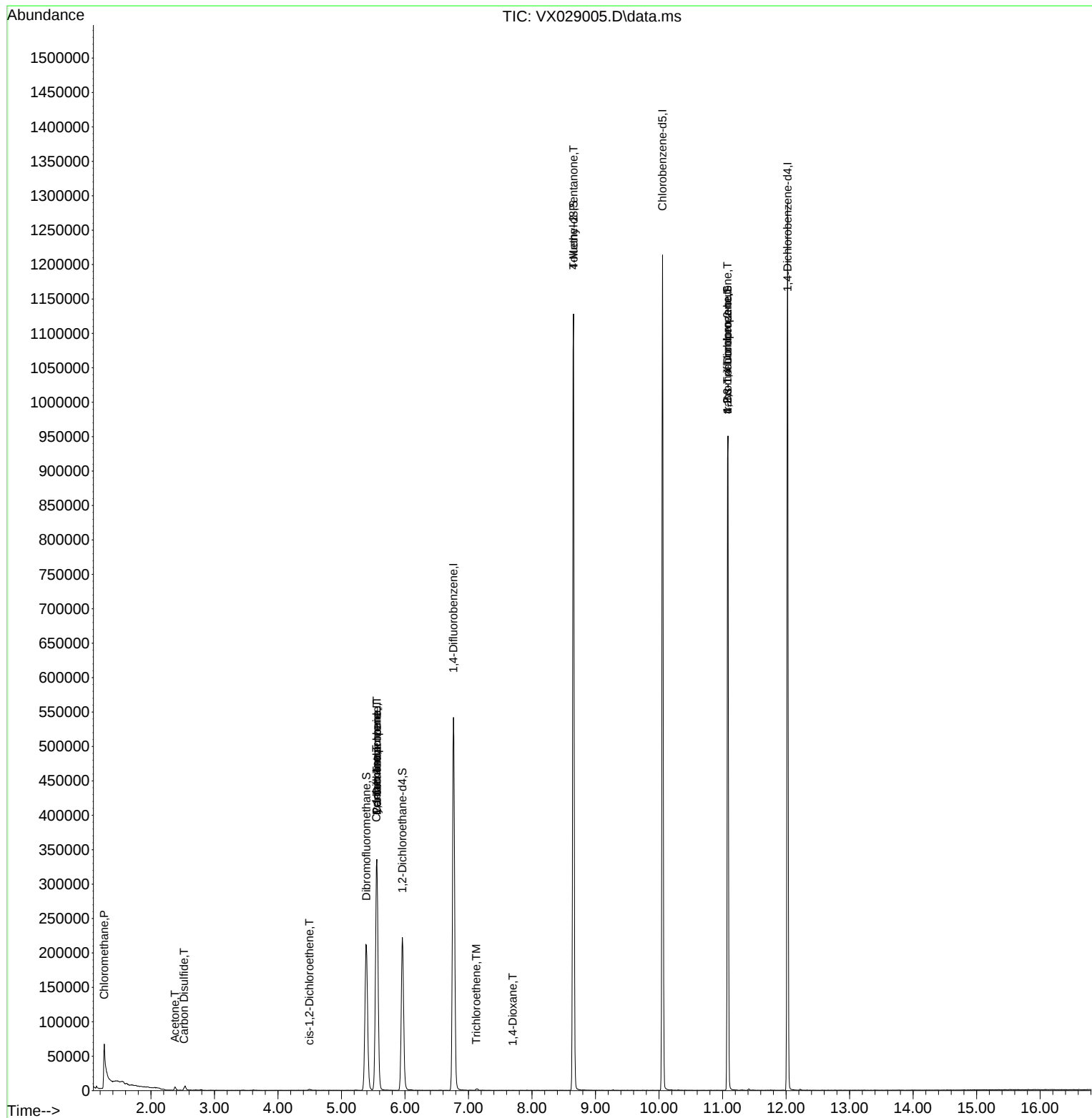
Internal Standards						
1) Pentafluorobenzene	5.556	168	318683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215325	49.291	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.580%
35) Dibromofluoromethane	5.391	113	189337	50.853	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.700%
50) Toluene-d8	8.653	98	677381	48.256	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	271274	51.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	1544	0.393	ug/l #	42
5) Bromomethane	1.618	94	959	Below Cal		87
11) Tert butyl alcohol	2.947	59	84	Below Cal	#	72
16) Acetone	2.380	43	5367	2.863	ug/l	96
17) Carbon Disulfide	2.520	76	2858	0.334	ug/l #	89
27) cis-1,2-Dichloroethene	4.495	96	1004	0.231	ug/l	97
31) Cyclohexane	5.550	56	6065	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23905	4.275	ug/l #	51
38) Carbon Tetrachloride	5.556	117	33480	5.949	ug/l #	15
44) Trichloroethene	7.123	130	1068	0.245	ug/l	55
49) 1,4-Dioxane	7.696	88	24	0.218	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	2521	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	133554	21.854	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133554	64.020	ug/l #	15

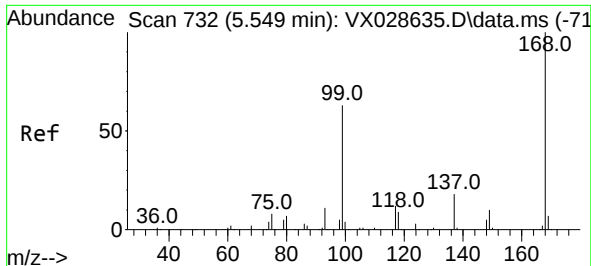
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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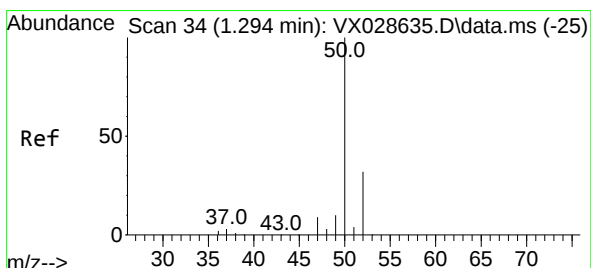
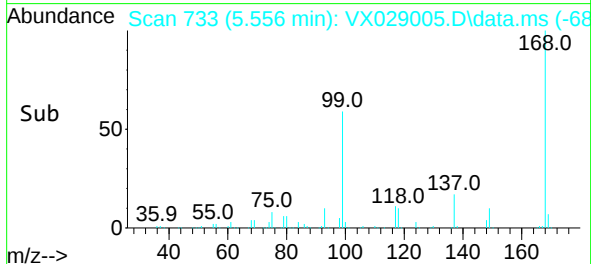
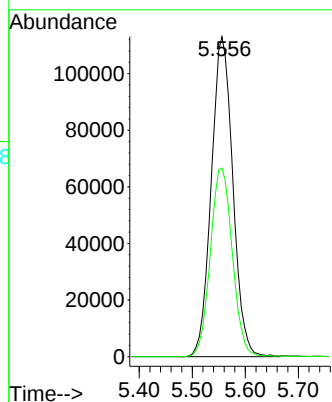
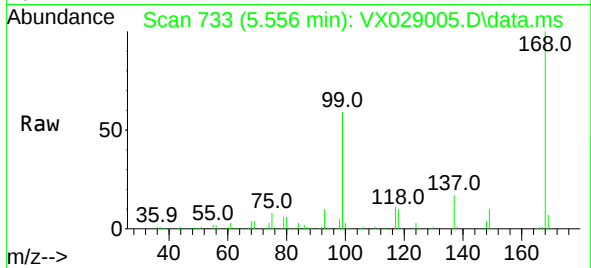




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

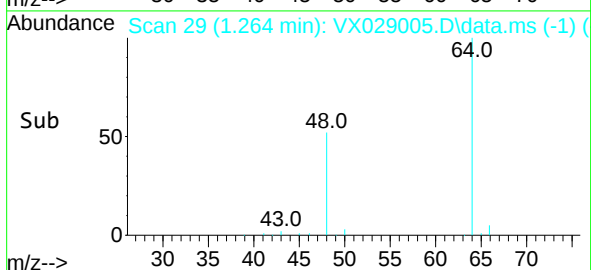
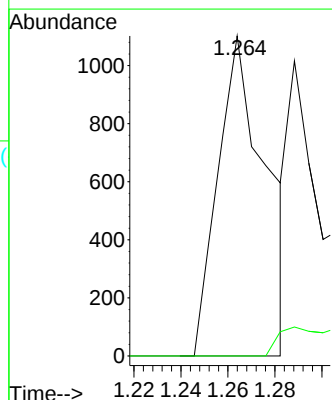
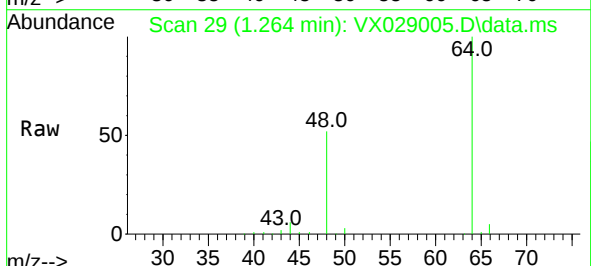
Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

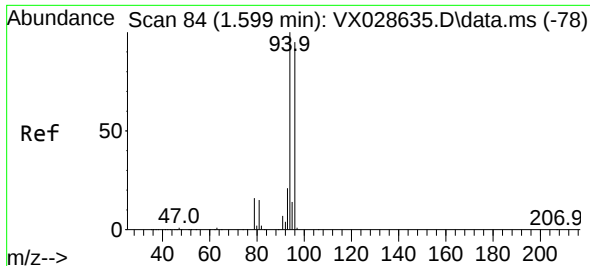
Tgt Ion:168 Resp: 318683
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#3
Chloromethane
Concen: 0.393 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion: 50 Resp: 1544
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

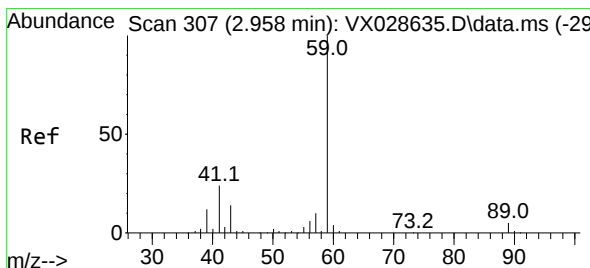
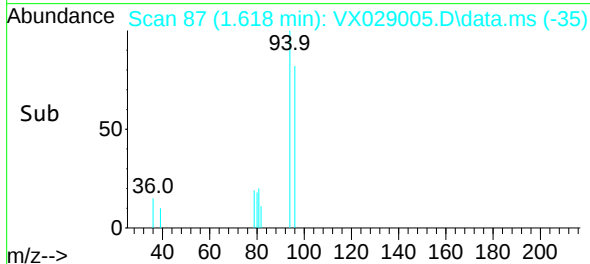
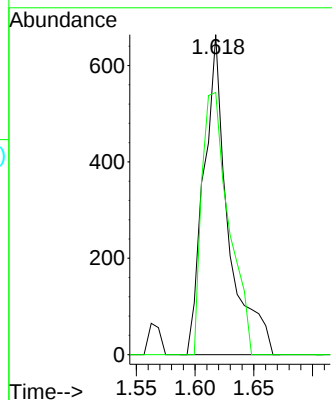
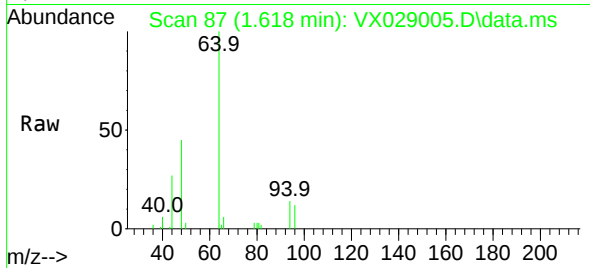




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

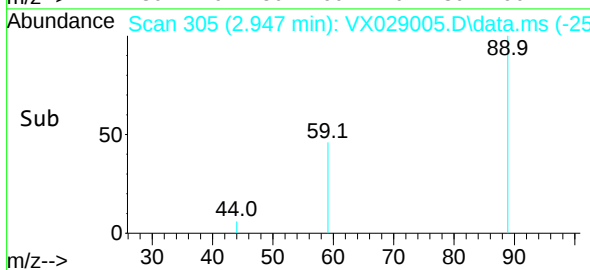
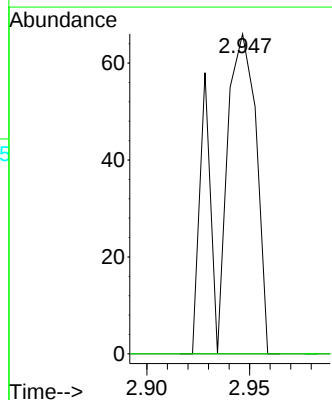
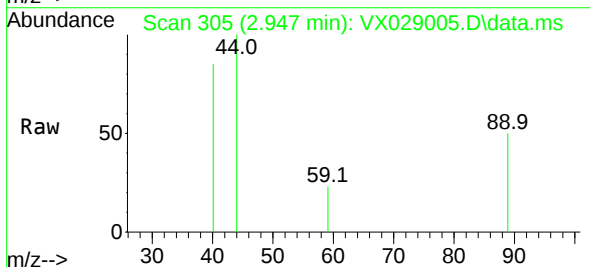
Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

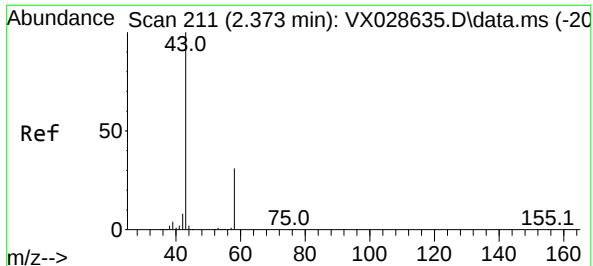
Tgt Ion: 94 Resp: 959
Ion Ratio Lower Upper
94 100
96 81.9 75.3 112.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

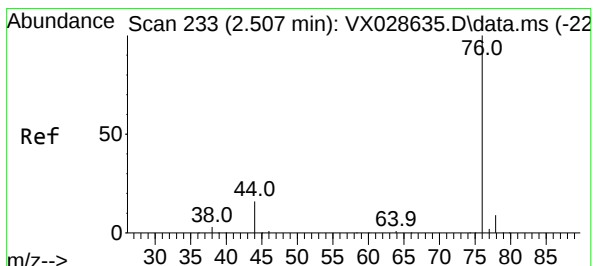
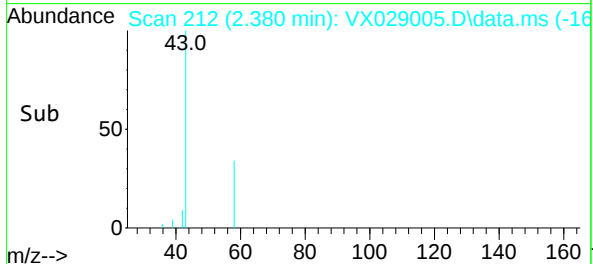
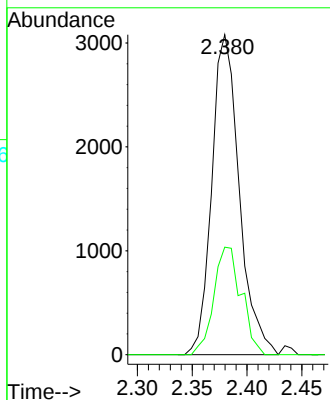
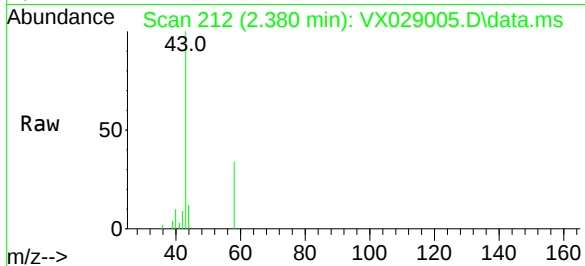




#16
Acetone
Concen: 2.863 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

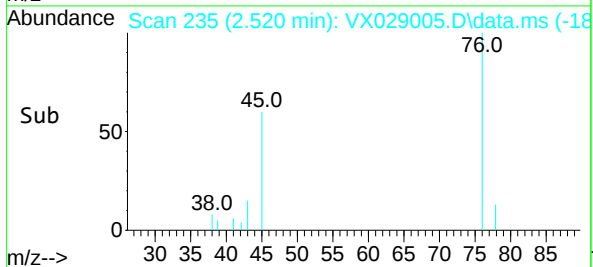
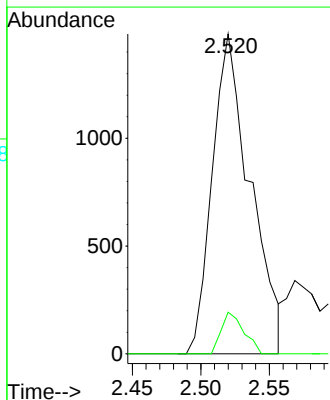
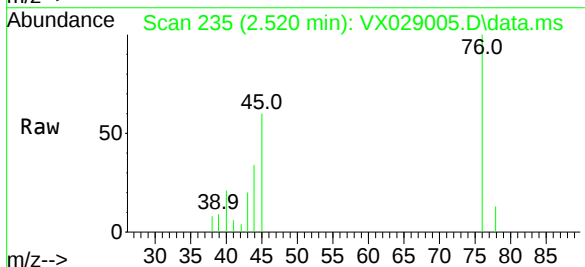
Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

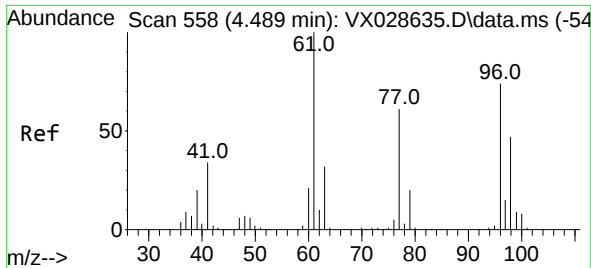
Tgt Ion: 43 Resp: 5367
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion: 76 Resp: 2858
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#

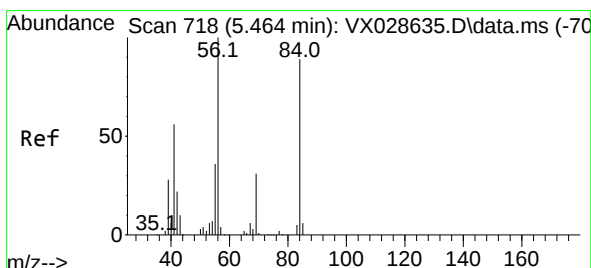
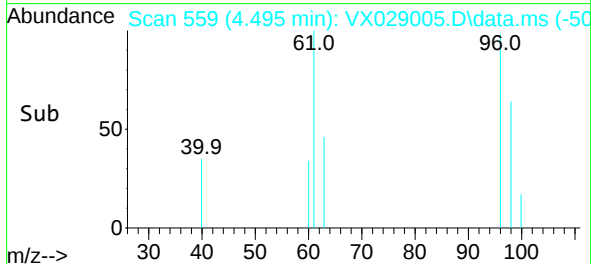
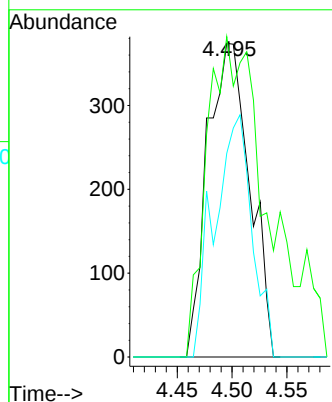
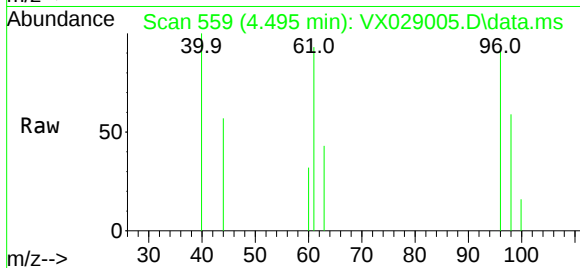




#27
 cis-1,2-Dichloroethene
 Concen: 0.231 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX029005.D
 Acq: 26 May 2022 17:35

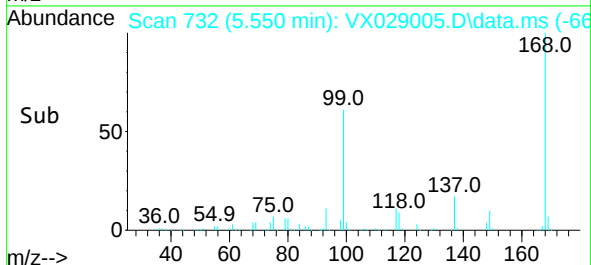
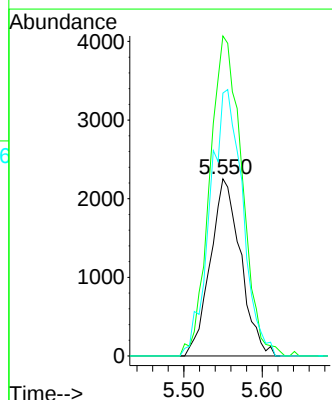
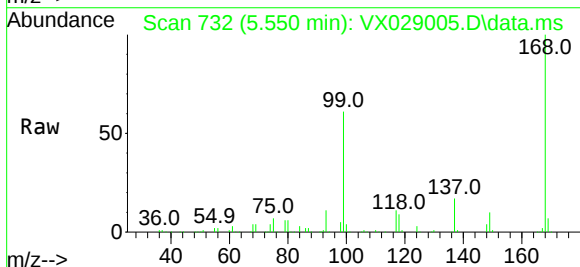
Instrument :
 MSVOA_X
 ClientSampleId :
 BRP-3-20220524

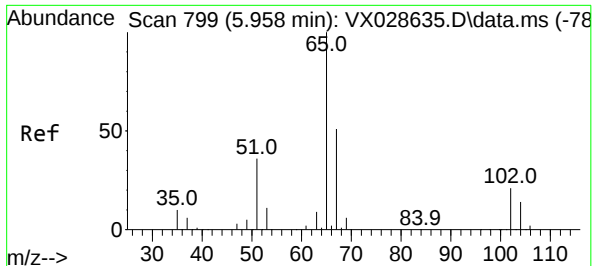
Tgt Ion: 96	Resp: 1004
Ion Ratio	Lower Upper
96	100
61	138.4 0.0 283.8
98	68.4 0.0 129.8



#31
 Cyclohexane
 Concen: 1.000 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.086 min
 Lab File: VX029005.D
 Acq: 26 May 2022 17:35

Tgt Ion: 56	Resp: 6065
Ion Ratio	Lower Upper
56	100
69	180.7 26.7 40.1#
84	148.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029005.D

Acq: 26 May 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

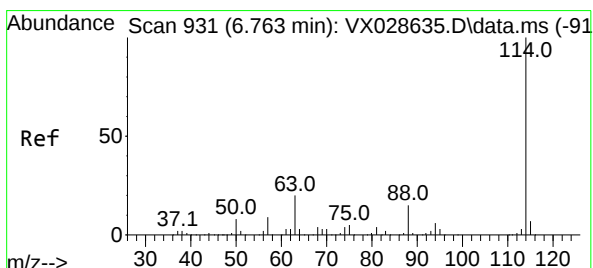
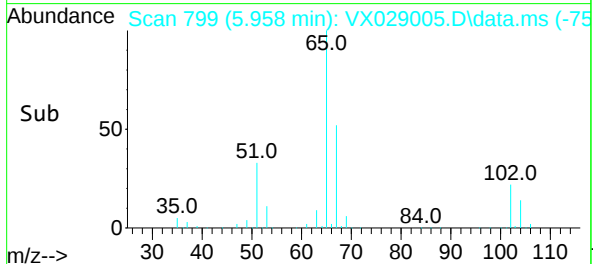
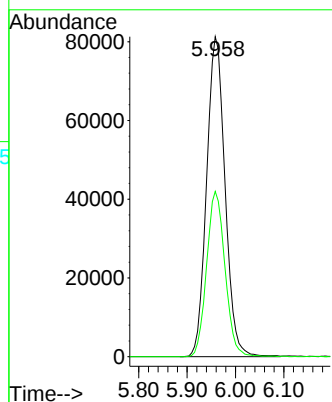
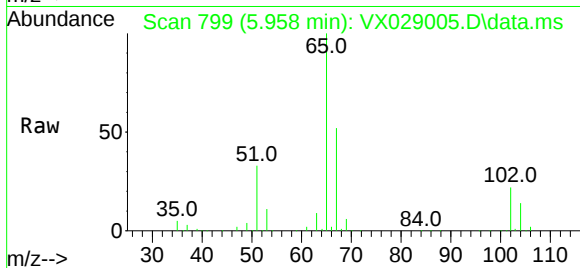
BRP-3-20220524

Tgt Ion: 65 Resp: 215325

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029005.D

Acq: 26 May 2022 17:35

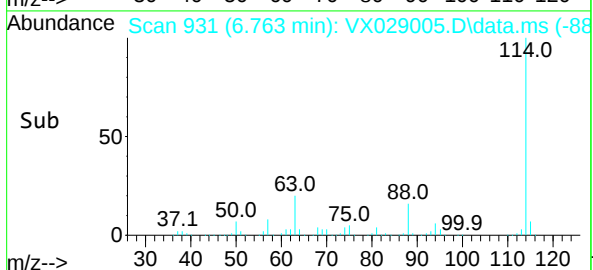
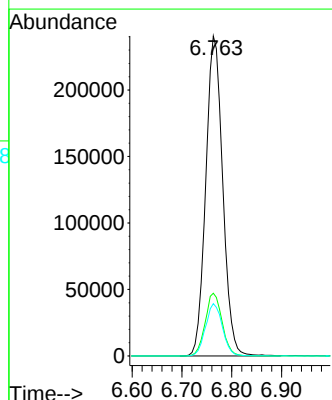
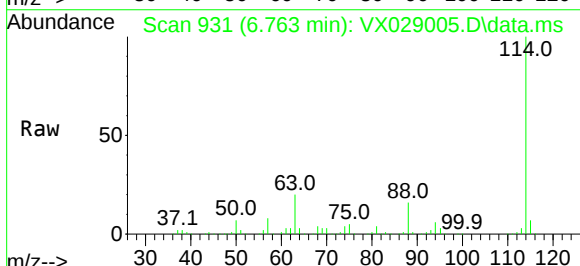
Tgt Ion: 114 Resp: 568269

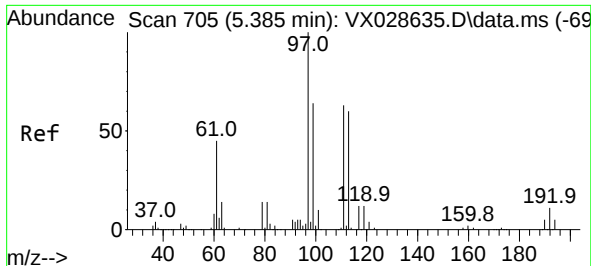
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.4 0.0 32.4

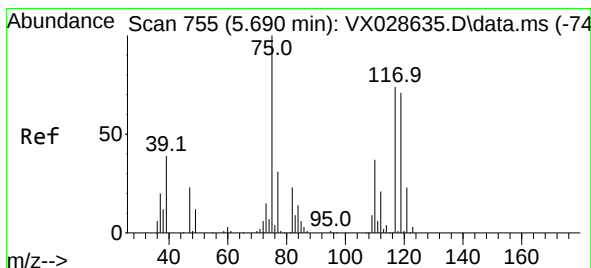
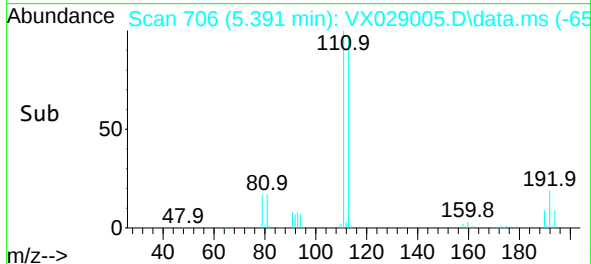
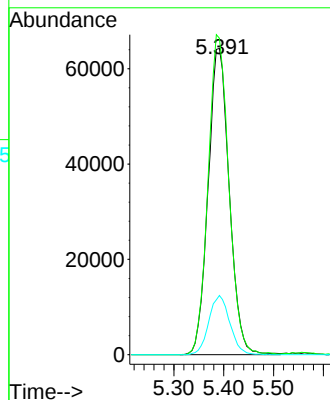
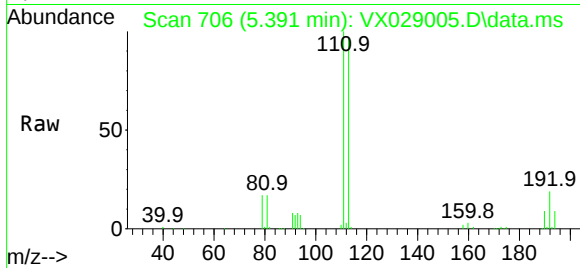




#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

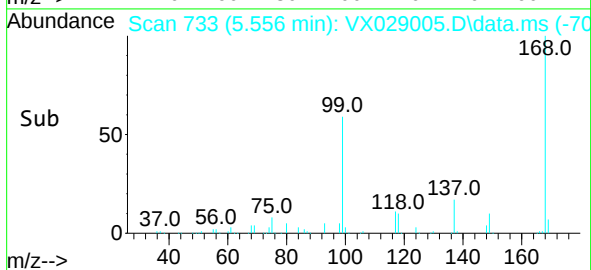
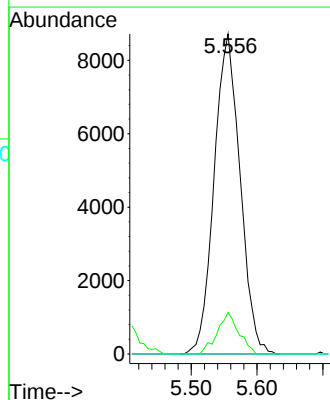
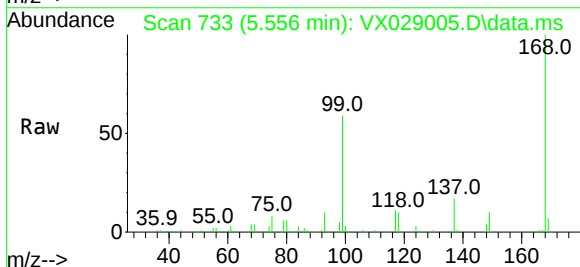
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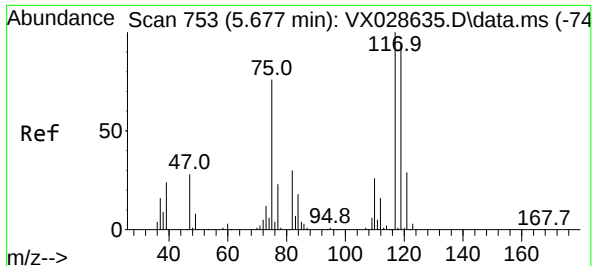
Tgt Ion:113 Resp: 189337
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

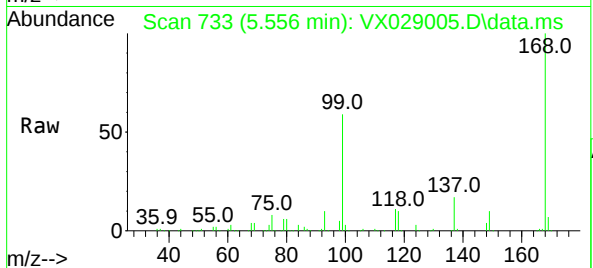
Tgt Ion: 75 Resp: 23905
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



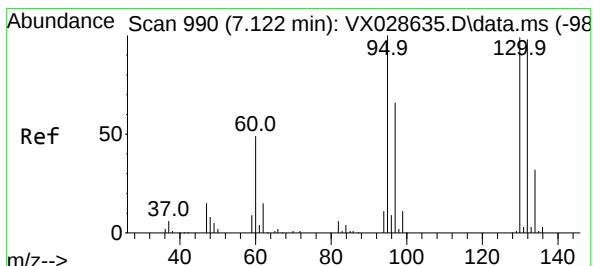
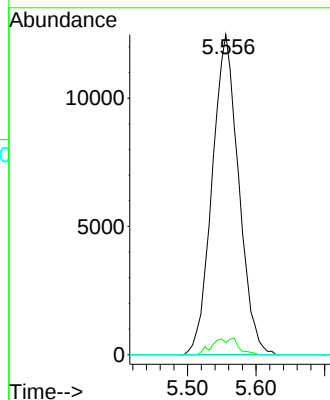
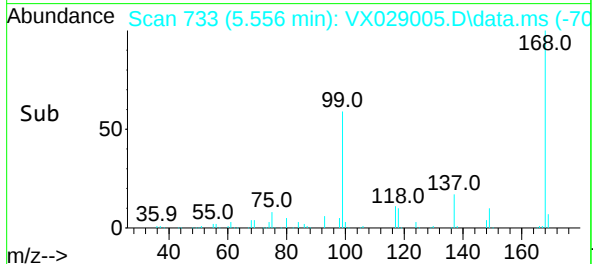


#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

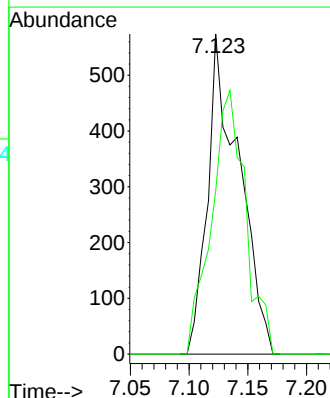
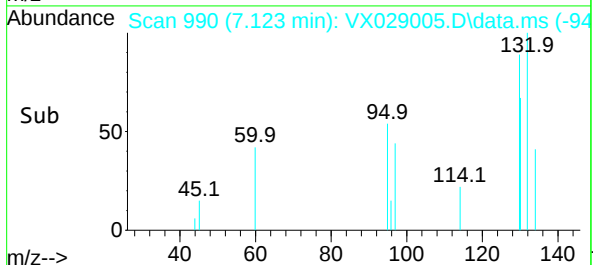
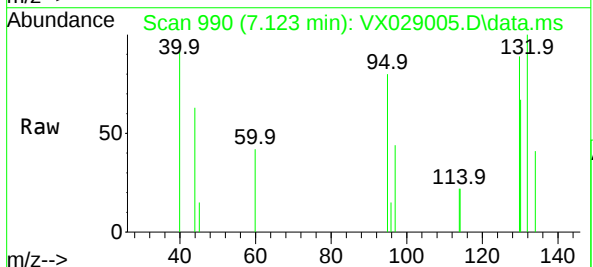


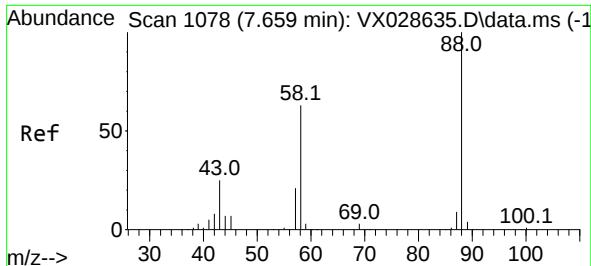
Tgt Ion:117 Resp: 33480
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.245 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion:130 Resp: 1068
Ion Ratio Lower Upper
130 100
95 51.0 0.0 188.8





#49

1,4-Dioxane

Concen: 0.218 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.037 min

Lab File: VX029005.D

Acq: 26 May 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

BRP-3-20220524

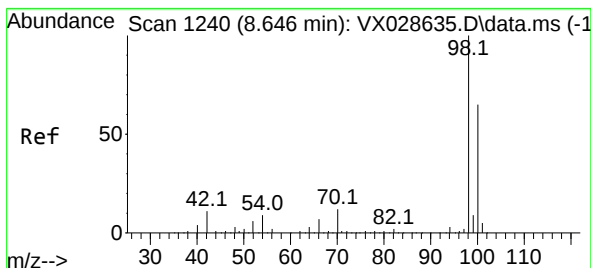
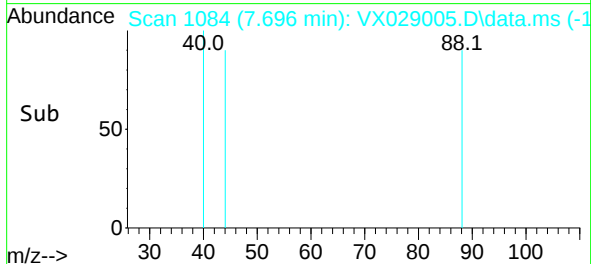
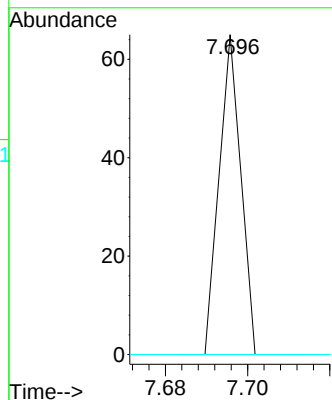
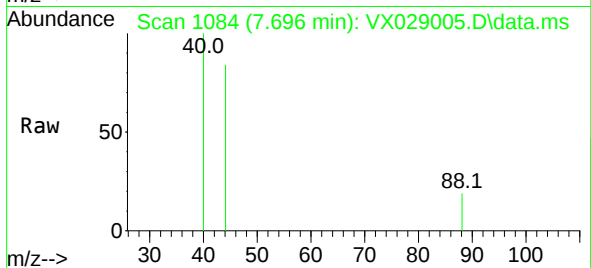
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 48.256 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX029005.D

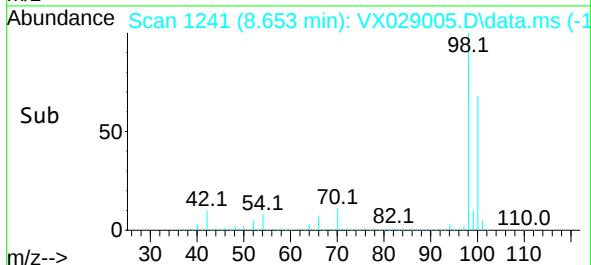
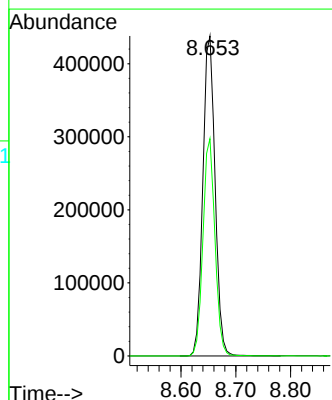
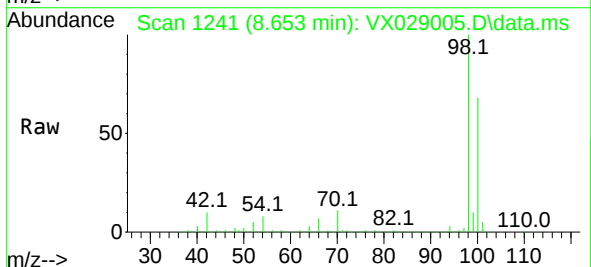
Acq: 26 May 2022 17:35

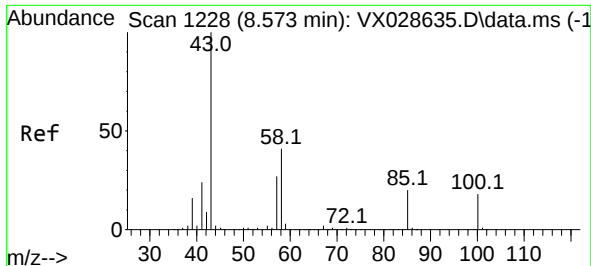
Tgt Ion: 98 Resp: 677381

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

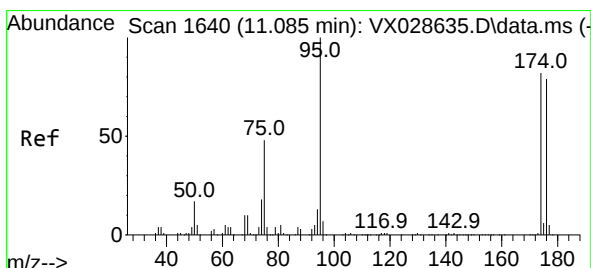
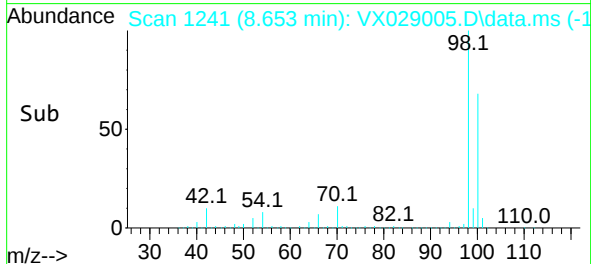
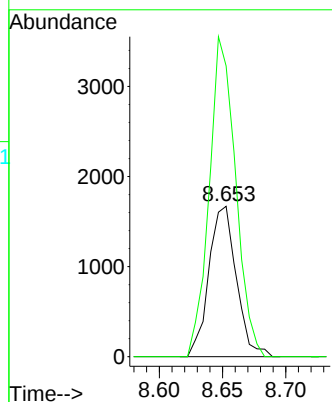
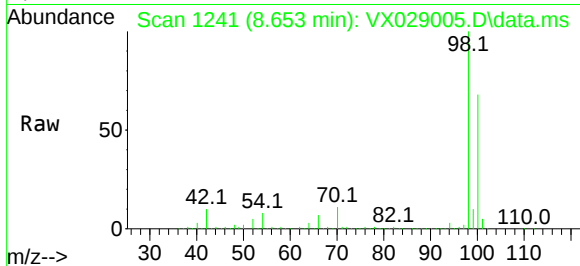




#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

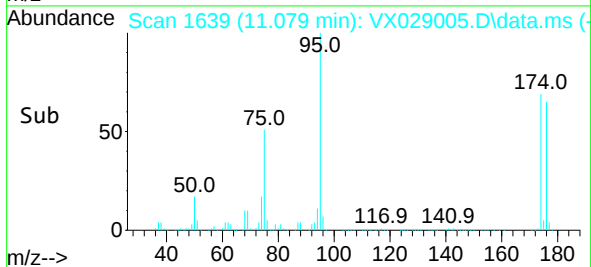
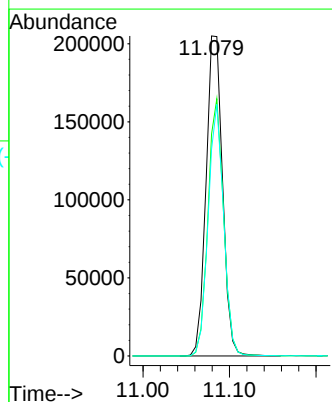
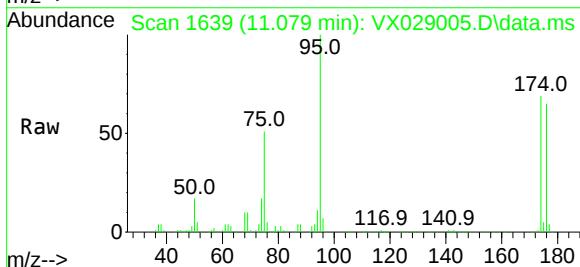
Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

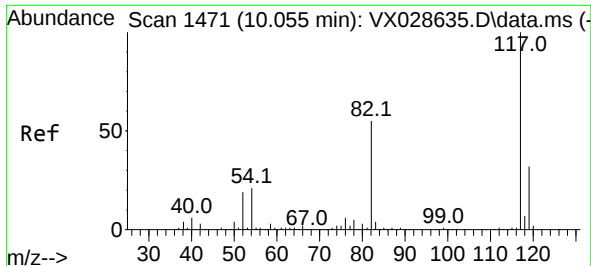
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 204.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion: 95 Resp: 271274
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.9 0.0 155.0

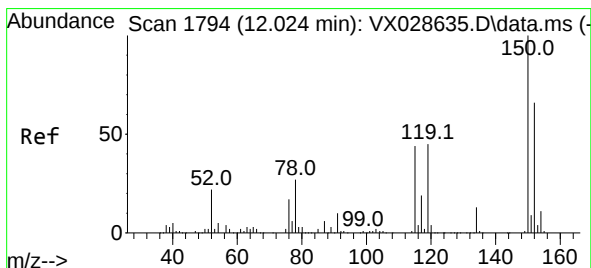
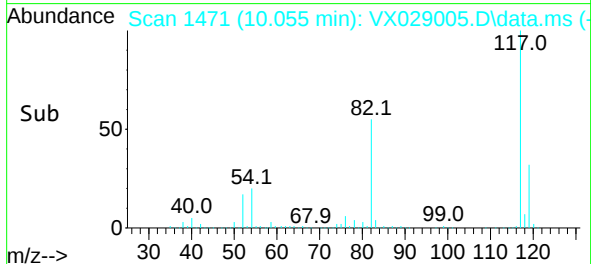
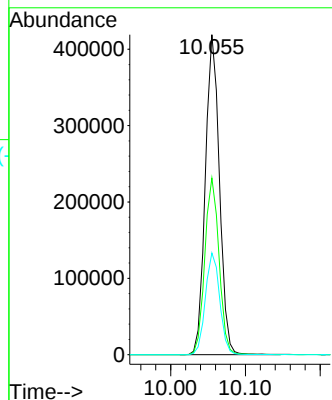
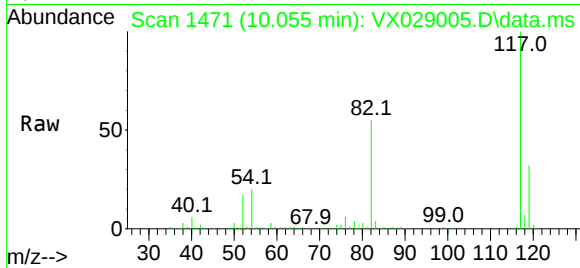




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

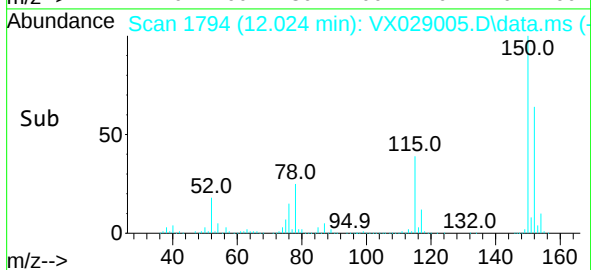
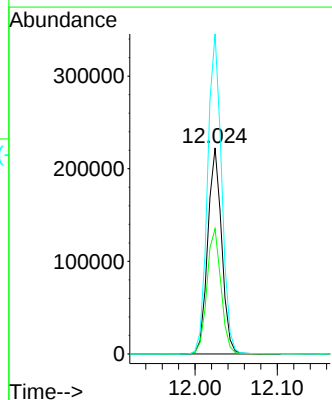
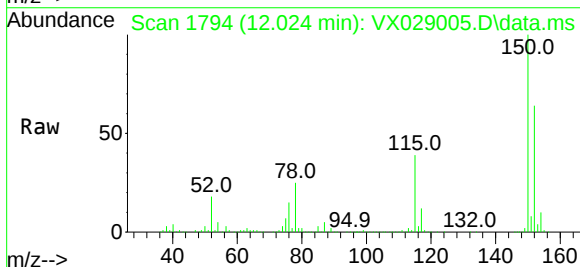
Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

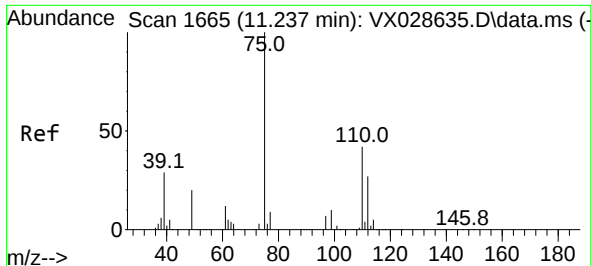
Tgt Ion:117 Resp: 549566
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion:152 Resp: 260948
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 157.4 0.0 338.2

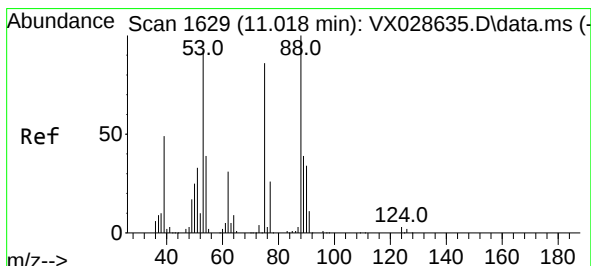
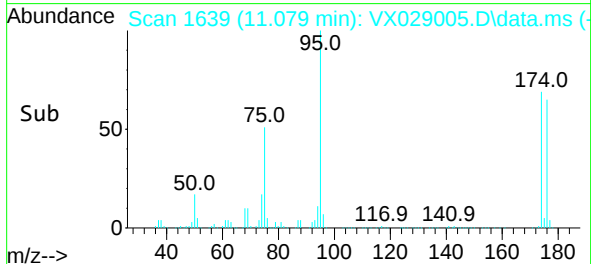
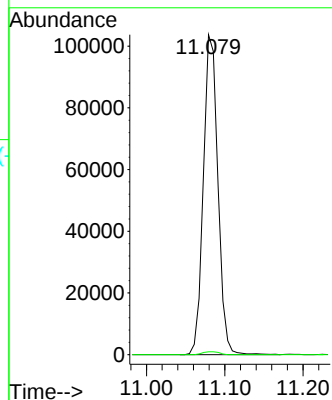
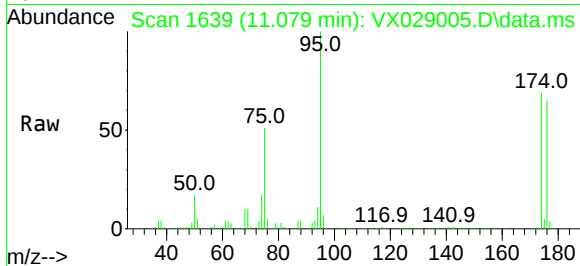




#76
1,2,3-Trichloropropane
Concen: 21.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
BRP-3-20220524

Tgt Ion: 75 Resp: 133554
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029005.D
Acq: 26 May 2022 17:35

Tgt Ion: 75 Resp: 133554
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

