

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035289.D
 Acq On : 25 Apr 2023 17:23
 Operator : JC/MD
 Sample : 02403-13DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3DL

Quant Time: Apr 25 17:48:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

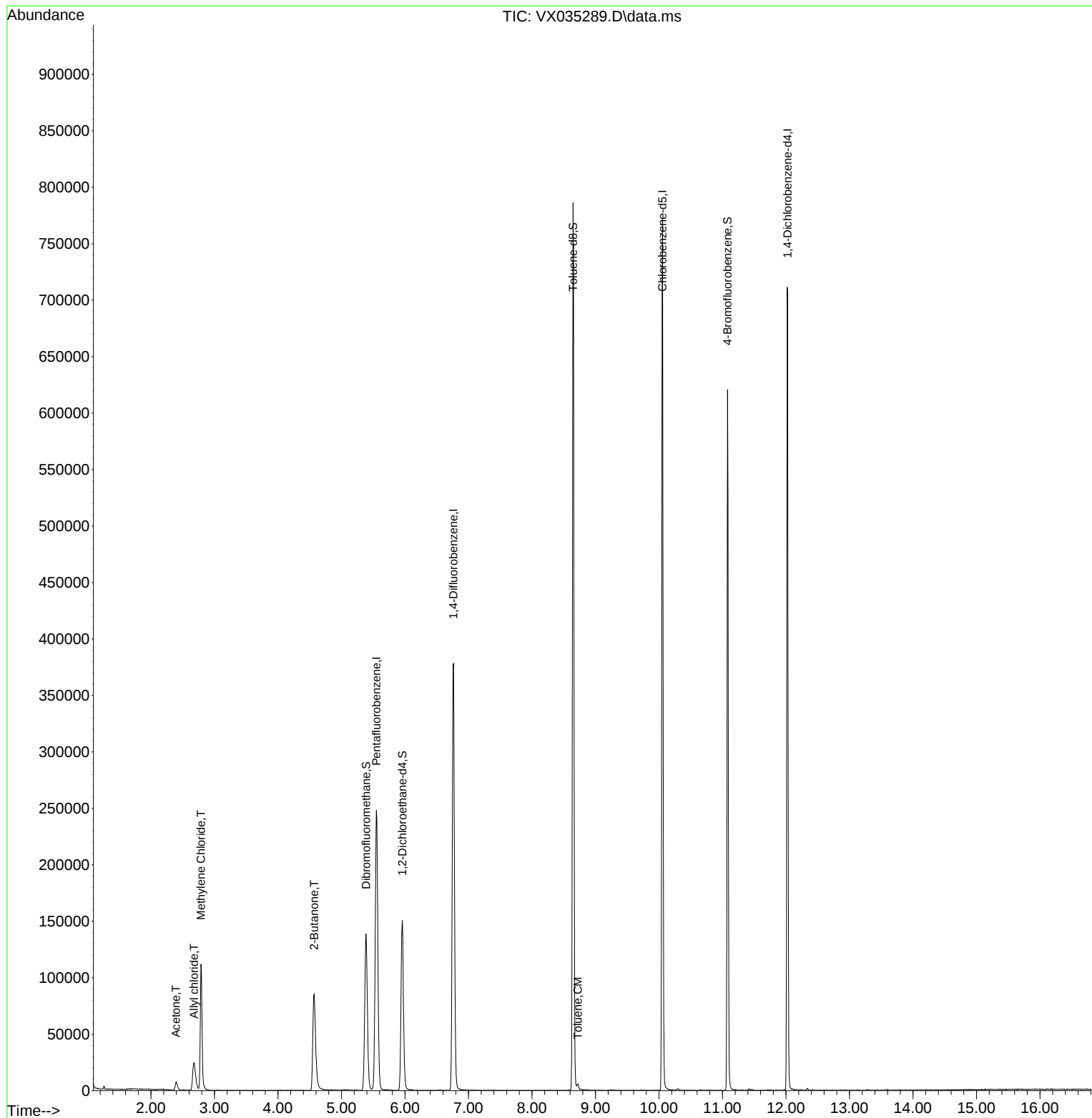
Internal Standards						
1) Pentafluorobenzene	5.550	168	243195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147422	50.246	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	100.500%	
35) Dibromofluoromethane	5.385	113	121821	49.430	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.860%	
50) Toluene-d8	8.647	98	472279	50.799	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	11.079	95	171684	49.090	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.180%	
Target Compounds						
					Qvalue	
14) Allyl chloride	2.678	41	42753	10.285	ug/l #	42
16) Acetone	2.392	43	11376	8.927	ug/l	96
20) Methylene Chloride	2.788	84	53331	18.252	ug/l	94
25) 2-Butanone	4.568	43	172717	92.861	ug/l	94
52) Toluene	8.720	92	1880	0.269	ug/l	96

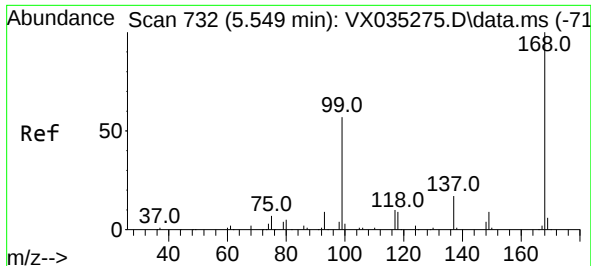
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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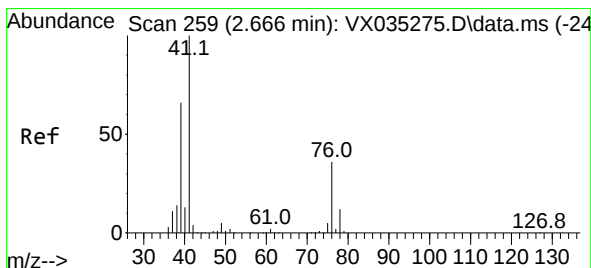
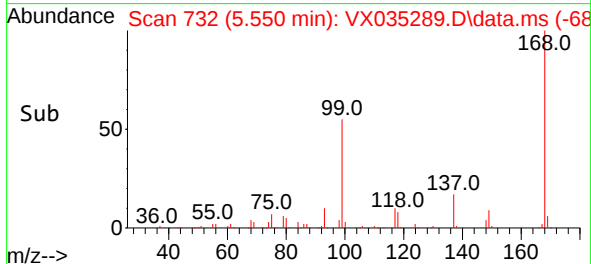
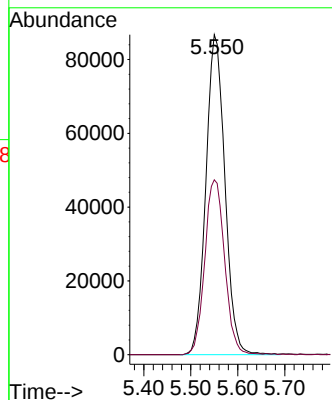
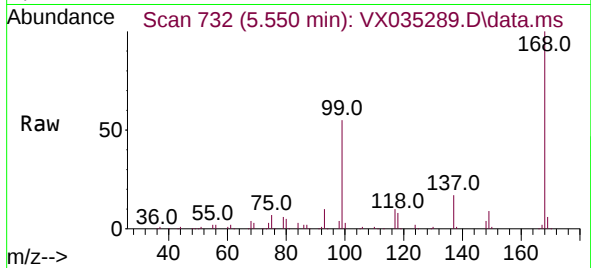




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

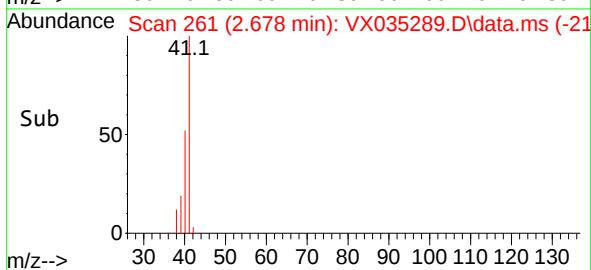
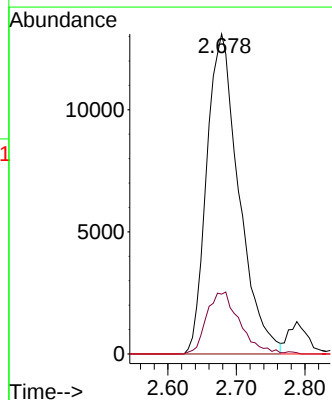
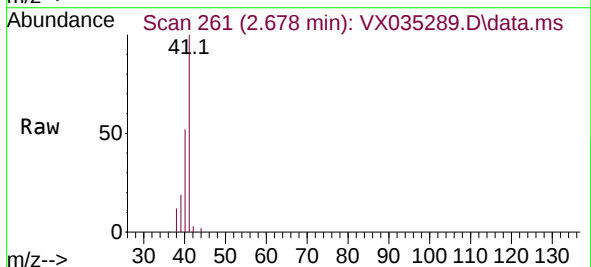
Instrument :
MSVOA_X
ClientSampleId :
COMP-3DL

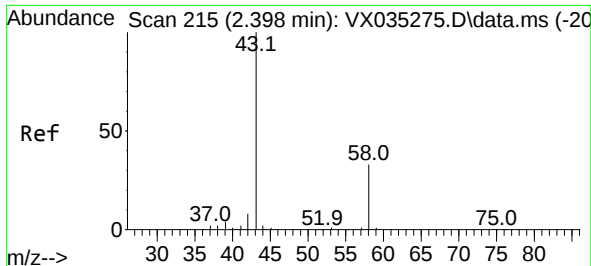
Tgt Ion:168 Resp: 243195
Ion Ratio Lower Upper
168 100
99 54.6 45.7 68.5



#14
Allyl chloride
Concen: 10.285 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.013 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

Tgt Ion: 41 Resp: 42753
Ion Ratio Lower Upper
41 100
39 19.9 52.4 78.6#
76 0.0 26.0 39.0#

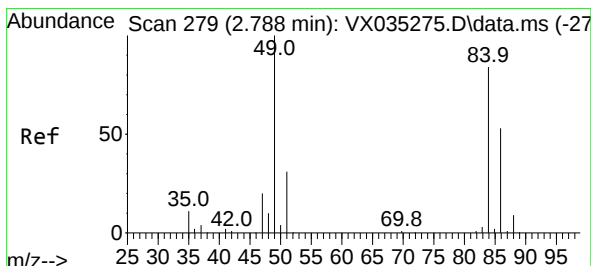
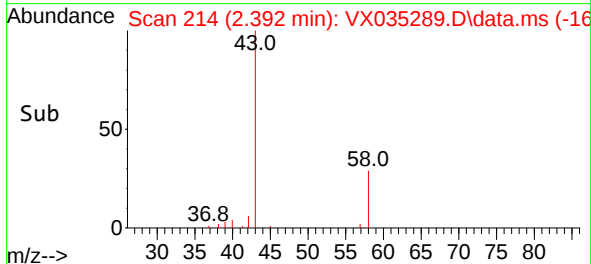
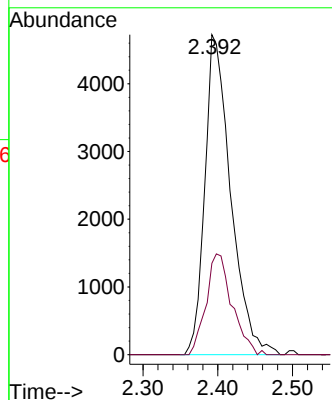
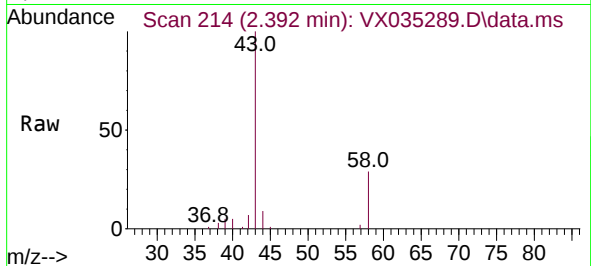




#16
Acetone
Concen: 8.927 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

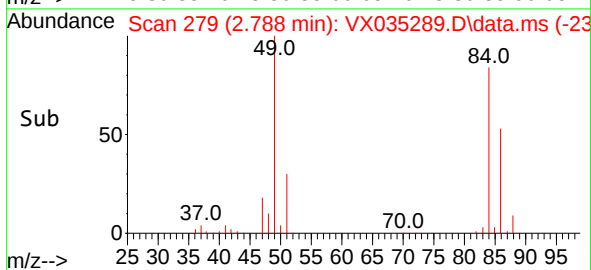
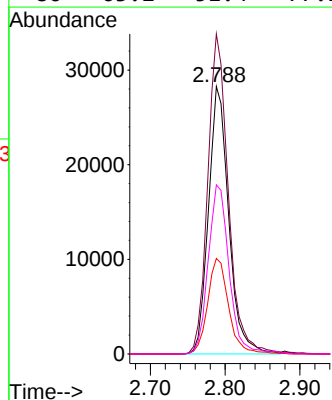
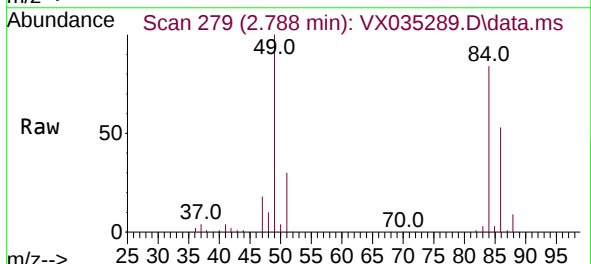
Instrument :
MSVOA_X
ClientSampleId :
COMP-3DL

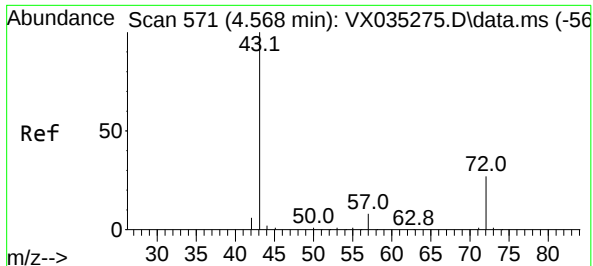
Tgt Ion: 43 Resp: 11376
Ion Ratio Lower Upper
43 100
58 28.5 24.7 37.1



#20
Methylene Chloride
Concen: 18.252 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

Tgt Ion: 84 Resp: 53331
Ion Ratio Lower Upper
84 100
49 119.6 103.8 155.8
51 35.7 31.8 47.8
86 63.2 51.4 77.2

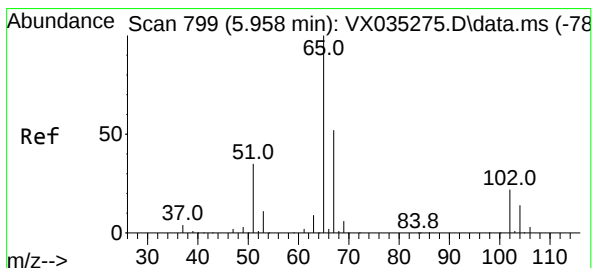
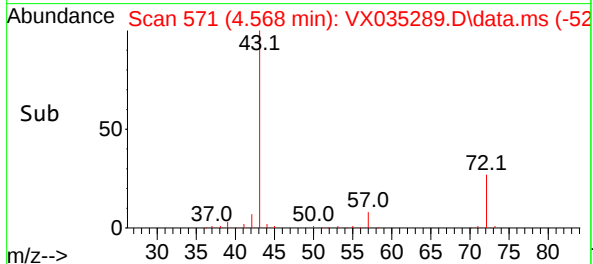
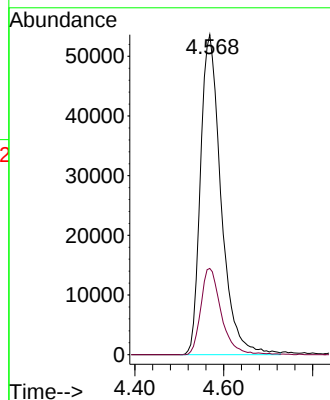
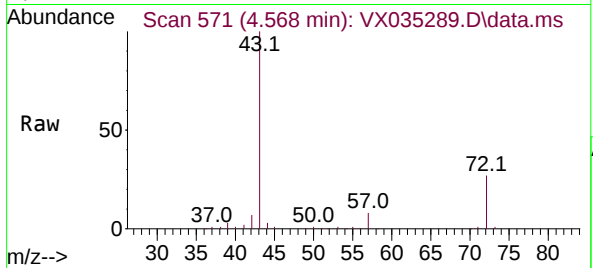




#25
2-Butanone
Concen: 92.861 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

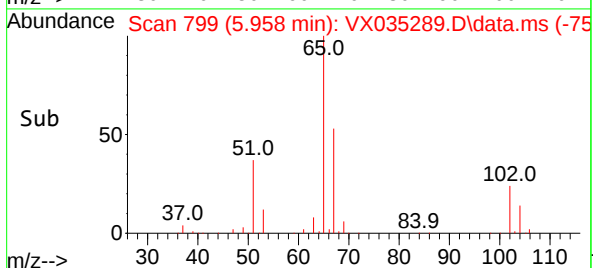
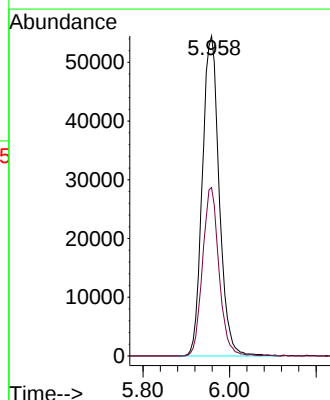
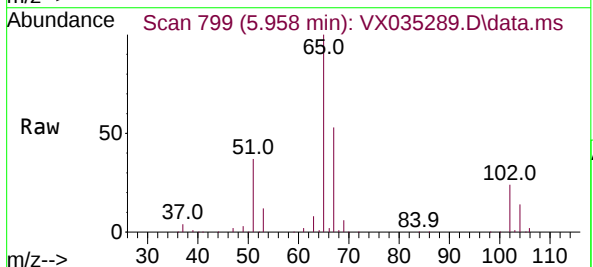
Instrument :
MSVOA_X
ClientSampleId :
COMP-3DL

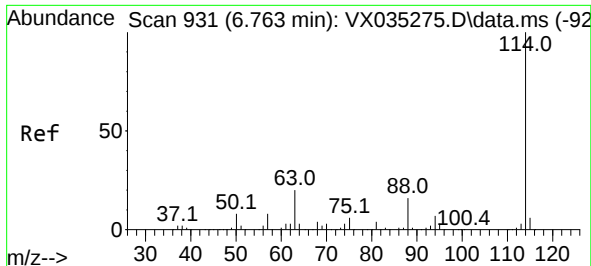
Tgt Ion: 43 Resp: 172717
Ion Ratio Lower Upper
43 100
72 27.0 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 50.246 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

Tgt Ion: 65 Resp: 147422
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

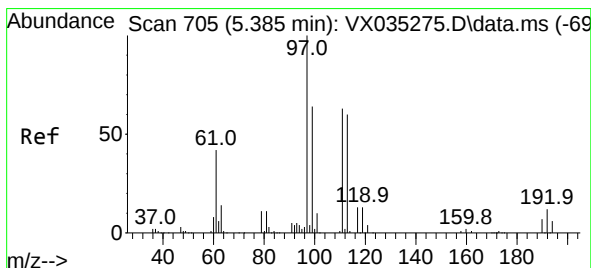
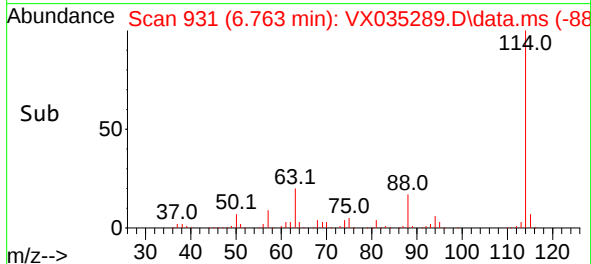
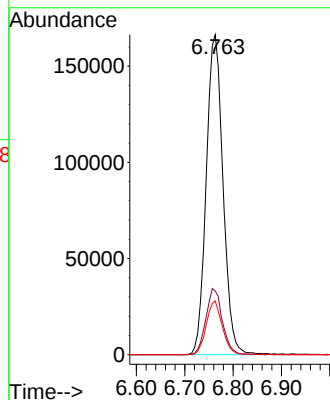
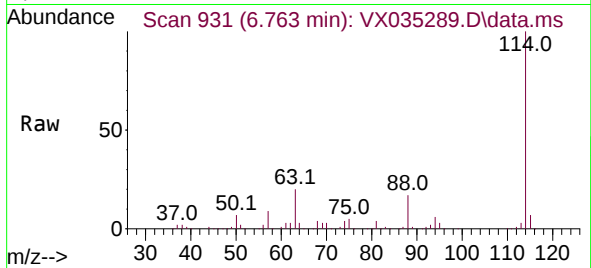




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

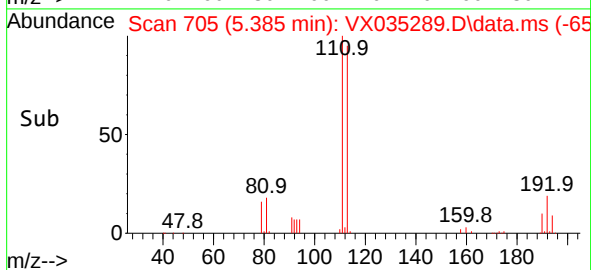
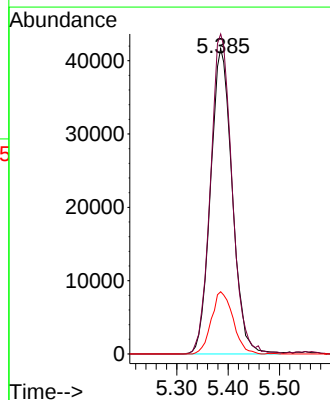
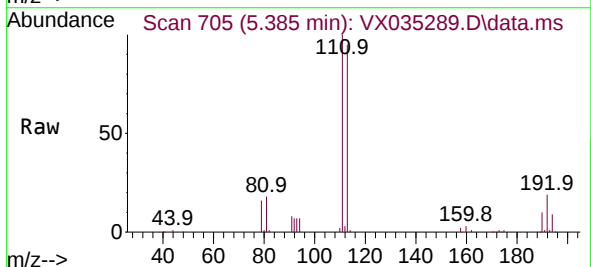
Instrument :
MSVOA_X
ClientSampleId :
COMP-3DL

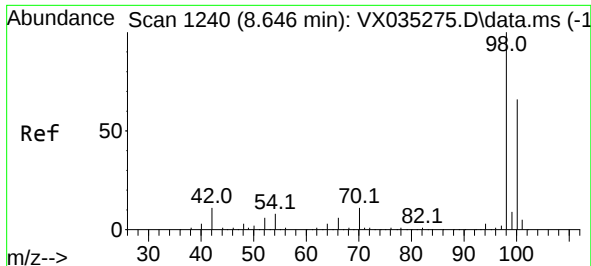
Tgt Ion:114 Resp: 401537
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.430 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

Tgt Ion:113 Resp: 121821
Ion Ratio Lower Upper
113 100
111 104.5 83.7 125.5
192 20.4 15.4 23.2

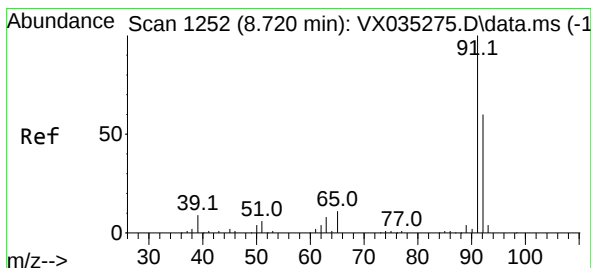
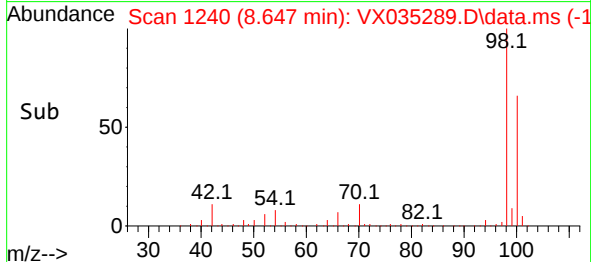
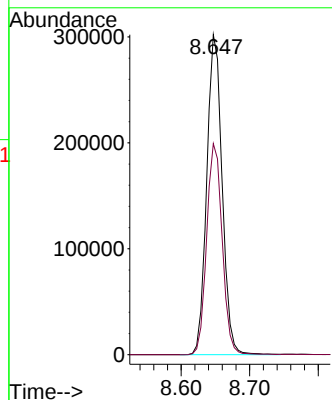
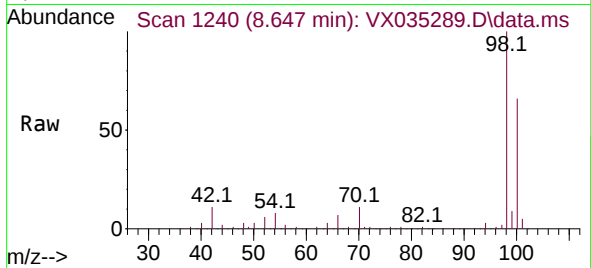




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

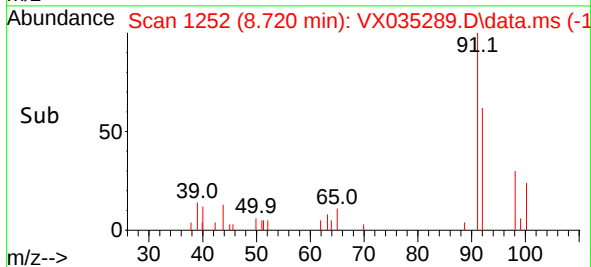
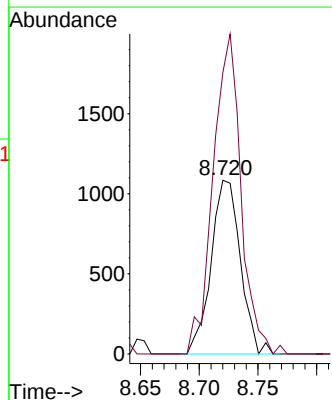
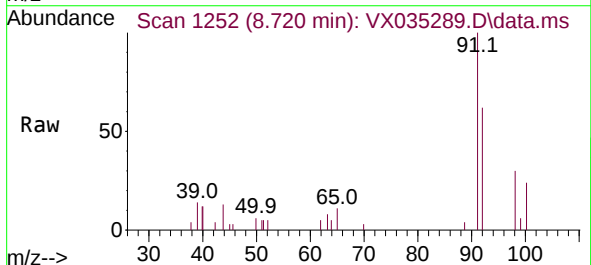
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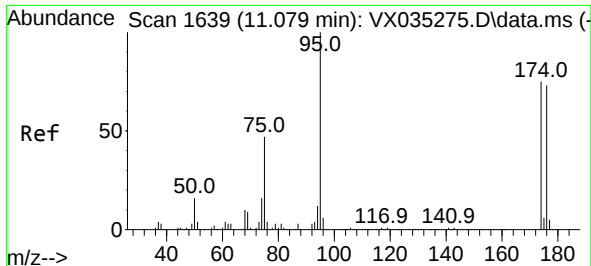
Tgt Ion: 98 Resp: 472279
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#52
Toluene
Concen: 0.269 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.001 min
Lab File: VX035289.D
Acq: 25 Apr 2023 17:23

Tgt Ion: 92 Resp: 1880
Ion Ratio Lower Upper
92 100
91 176.0 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 49.090 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035289.D

Acq: 25 Apr 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

COMP-3DL

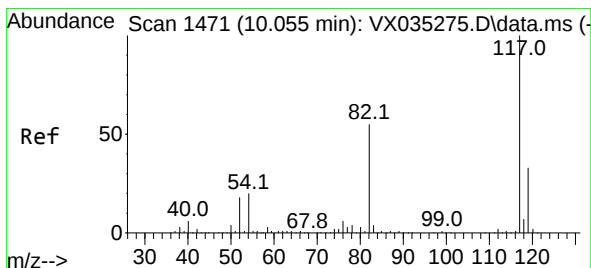
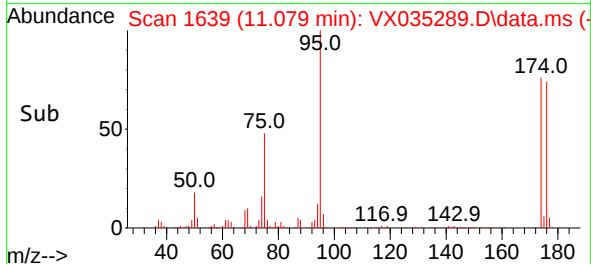
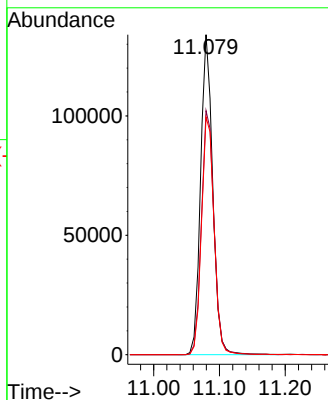
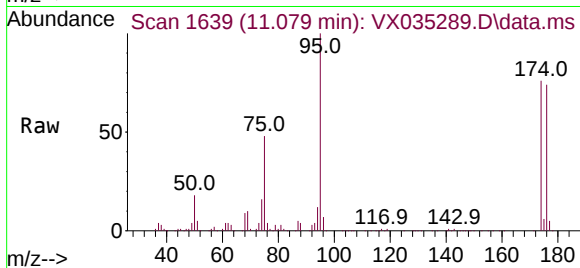
Tgt Ion: 95 Resp: 171684

Ion Ratio Lower Upper

95 100

174 79.3 0.0 147.4

176 76.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VX035289.D

Acq: 25 Apr 2023 17:23

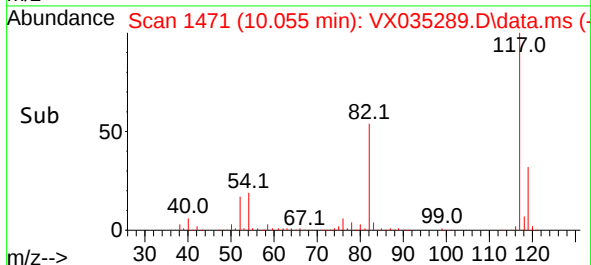
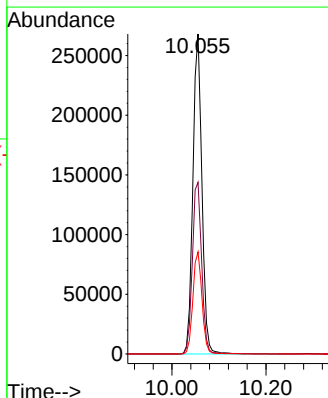
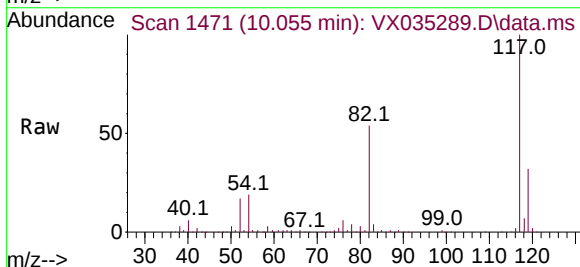
Tgt Ion: 117 Resp: 359721

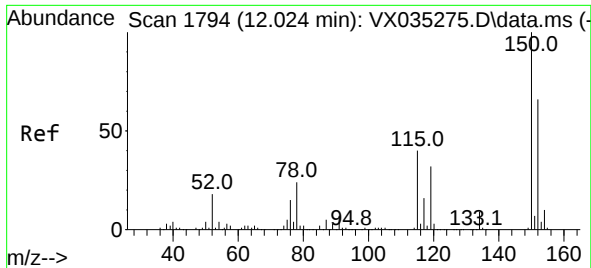
Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035289.D

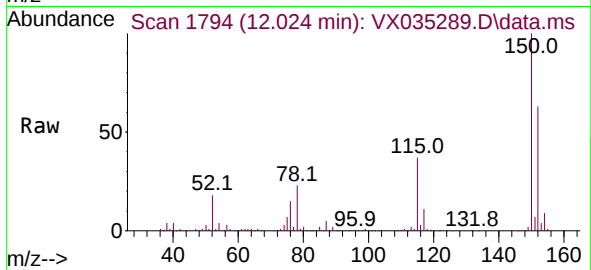
Acq: 25 Apr 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 158334

Ion Ratio Lower Upper

152 100

115 60.7 45.0 135.0

150 159.6 0.0 352.4

