

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035288.D
 Acq On : 25 Apr 2023 17:00
 Operator : JC/MD
 Sample : 02403-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2DL

Quant Time: Apr 25 17:27:32 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)

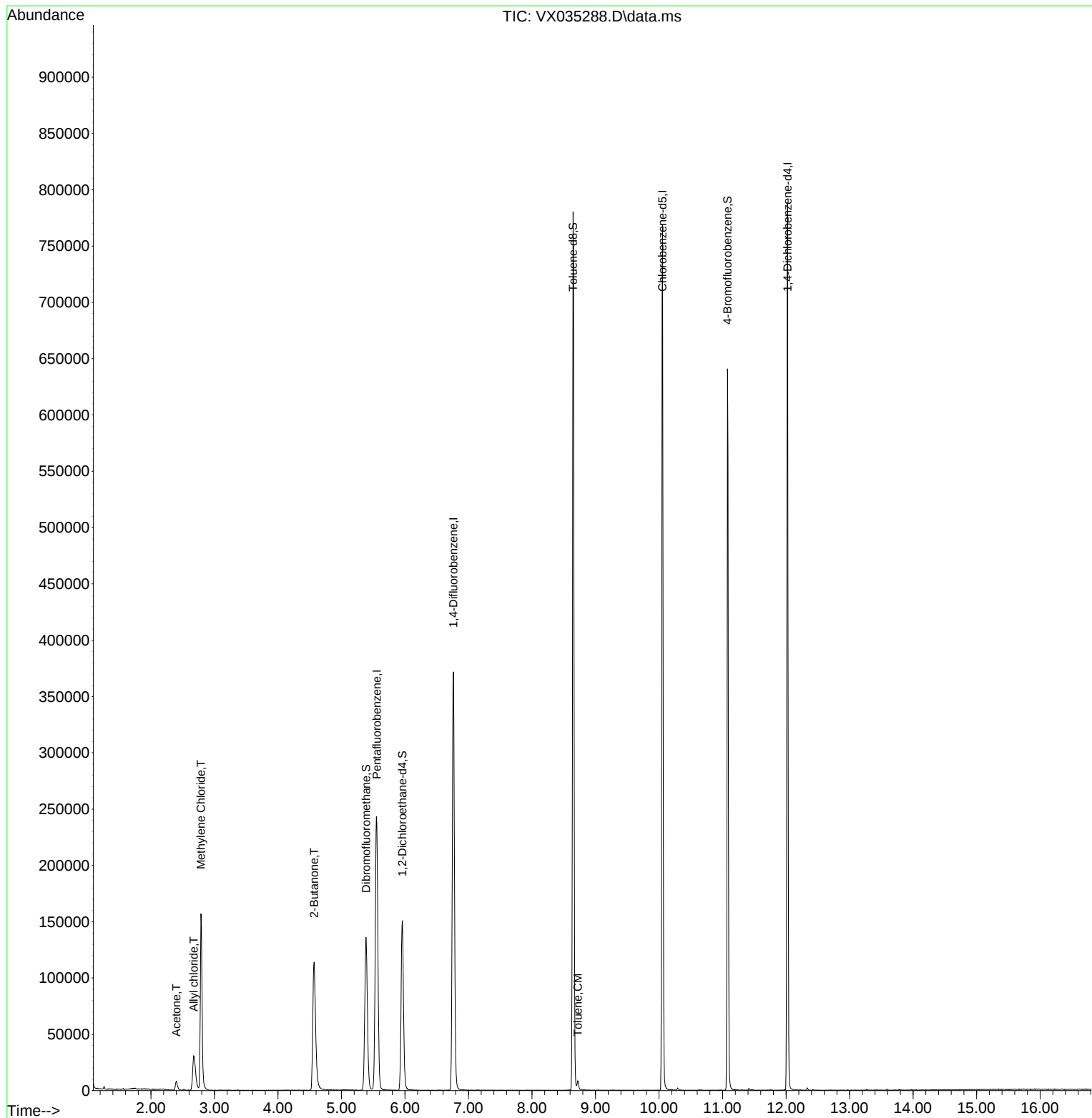
Internal Standards						
1) Pentafluorobenzene	5.556	168	242501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144041	49.234	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.460%	
35) Dibromofluoromethane	5.385	113	120610	49.815	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.640%	
50) Toluene-d8	8.647	98	469893	51.448	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.900%	
62) 4-Bromofluorobenzene	11.079	95	176669	51.420	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.840%	
Target Compounds						
					Qvalue	
14) Allyl chloride	2.672	41	52494	12.665	ug/l #	42
16) Acetone	2.398	43	11979	9.427	ug/l	99
20) Methylene Chloride	2.788	84	75506	25.916	ug/l	93
25) 2-Butanone	4.568	43	226772	122.273	ug/l	95
52) Toluene	8.720	92	2780	0.404	ug/l	100

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

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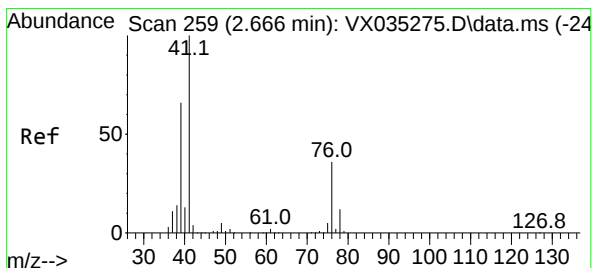
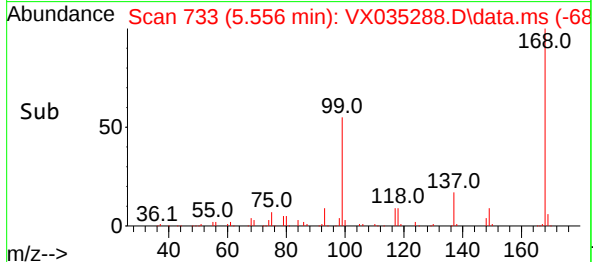
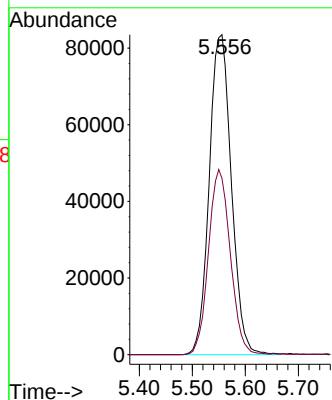
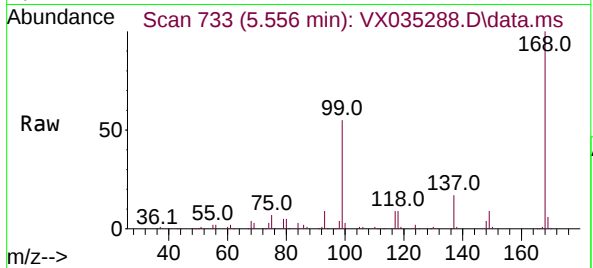




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

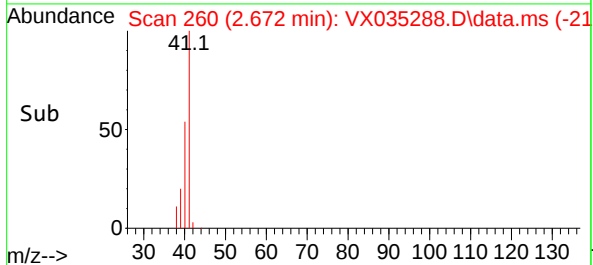
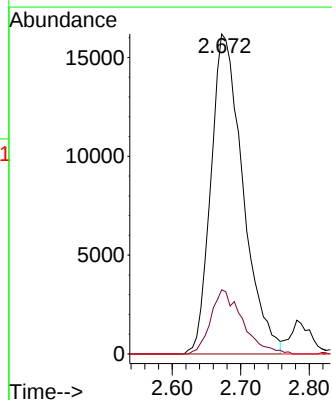
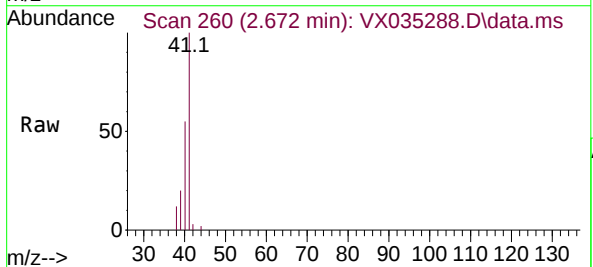
Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

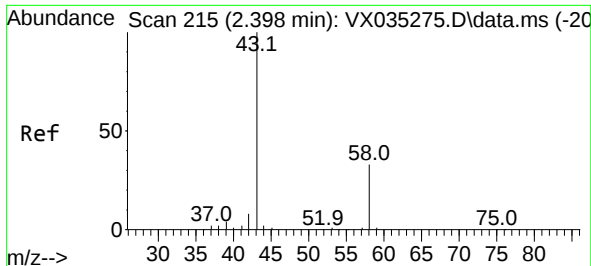
Tgt Ion:168 Resp: 242501
Ion Ratio Lower Upper
168 100
99 55.1 45.7 68.5



#14
Allyl chloride
Concen: 12.665 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

Tgt Ion: 41 Resp: 52494
Ion Ratio Lower Upper
41 100
39 19.9 52.4 78.6#
76 0.0 26.0 39.0#

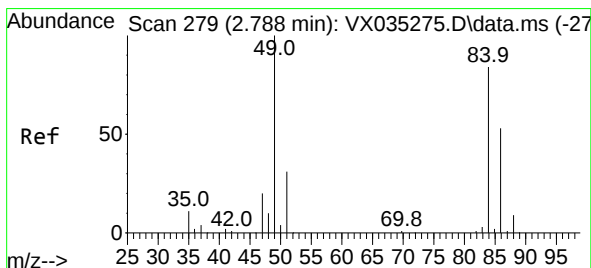
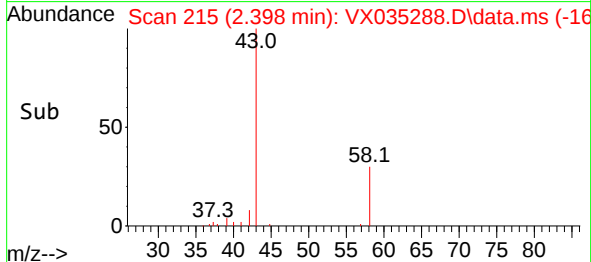
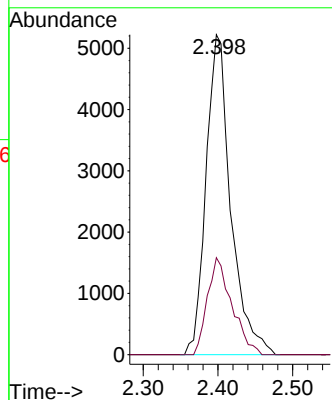
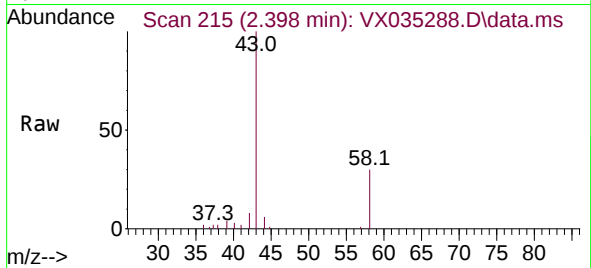




#16
Acetone
Concen: 9.427 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

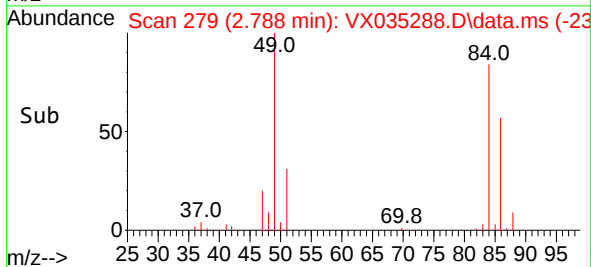
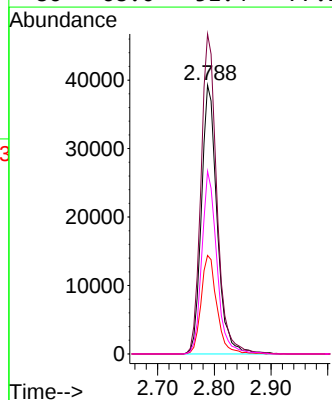
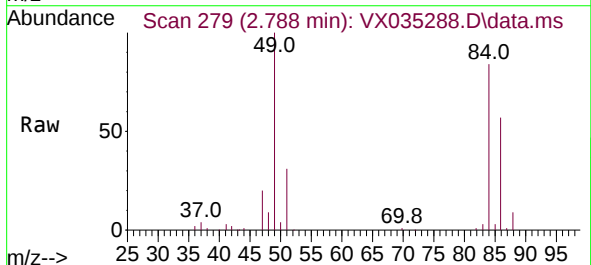
Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

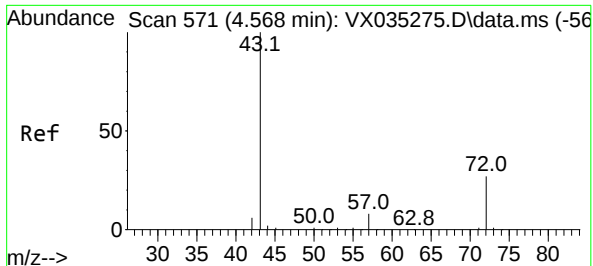
Tgt Ion: 43 Resp: 11979
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1



#20
Methylene Chloride
Concen: 25.916 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

Tgt Ion: 84 Resp: 75506
Ion Ratio Lower Upper
84 100
49 119.0 103.8 155.8
51 36.6 31.8 47.8
86 68.0 51.4 77.2

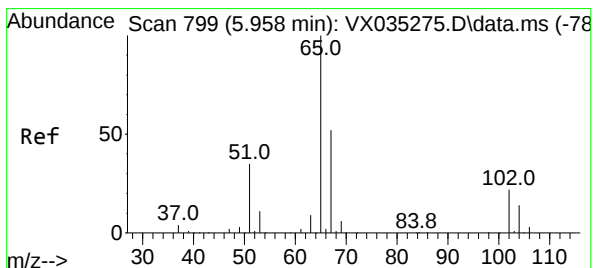
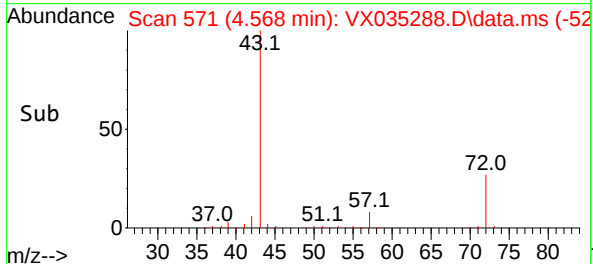
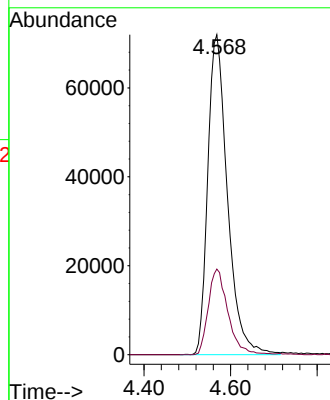
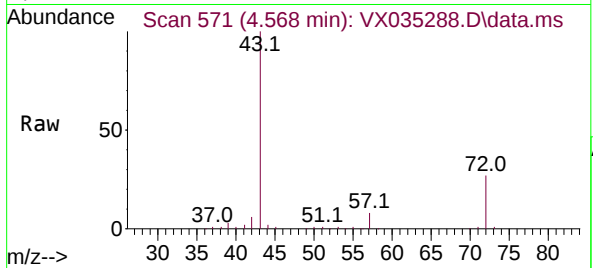




#25
2-Butanone
Concen: 122.273 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

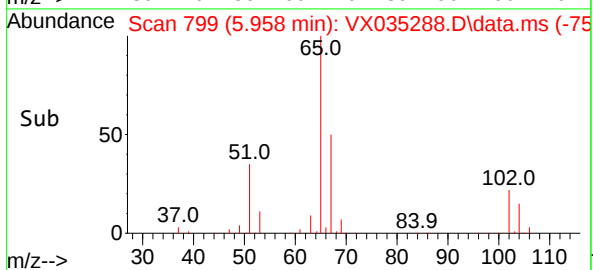
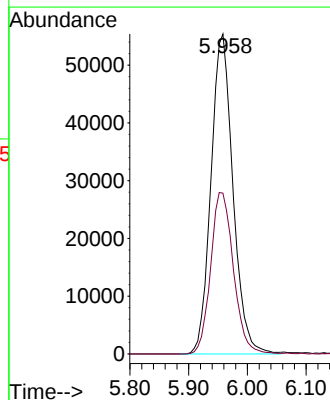
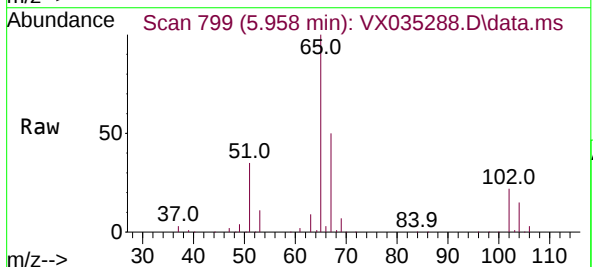
Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

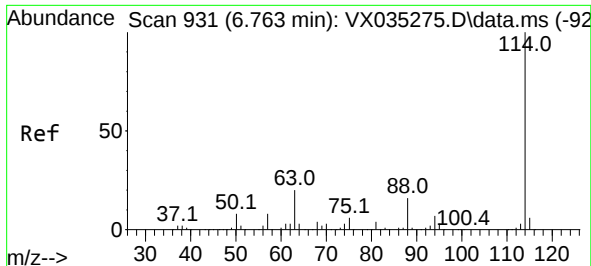
Tgt Ion: 43 Resp: 226772
Ion Ratio Lower Upper
43 100
72 26.8 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 49.234 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

Tgt Ion: 65 Resp: 144041
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

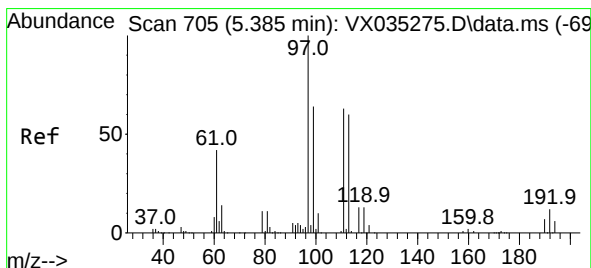
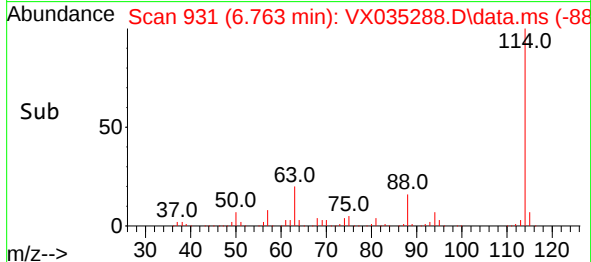
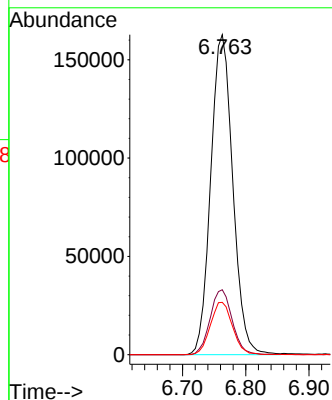
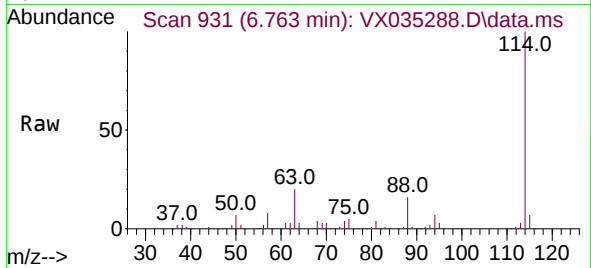




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

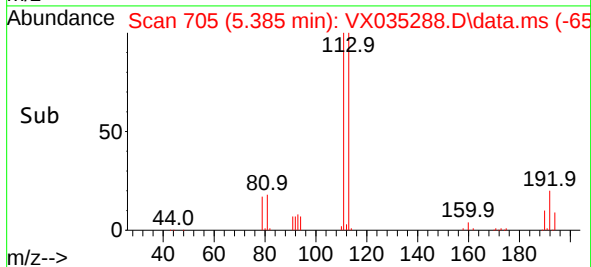
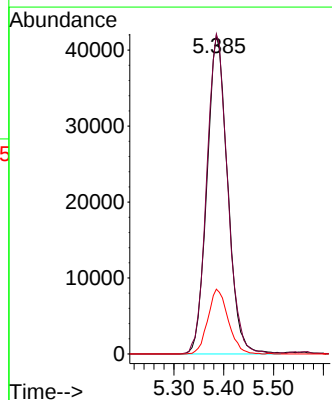
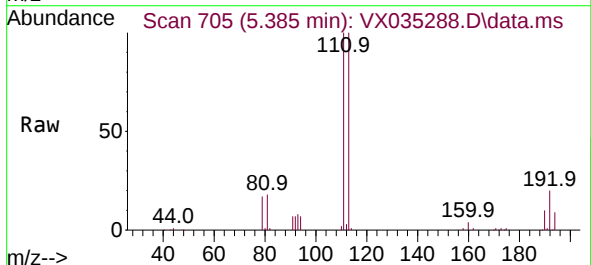
Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

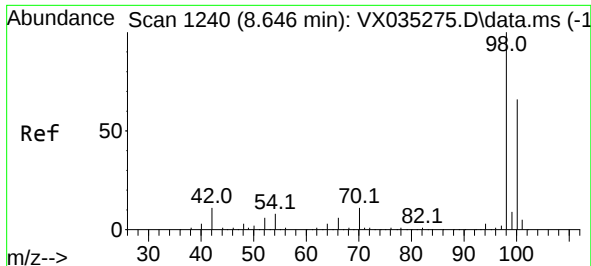
Tgt Ion:114 Resp: 394471
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035288.D
Acq: 25 Apr 2023 17:00

Tgt Ion:113 Resp: 120610
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 20.0 15.4 23.2





#50

Toluene-d8

Concen: 51.448 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035288.D

Acq: 25 Apr 2023 17:00

Instrument :

MSVOA_X

ClientSampleId :

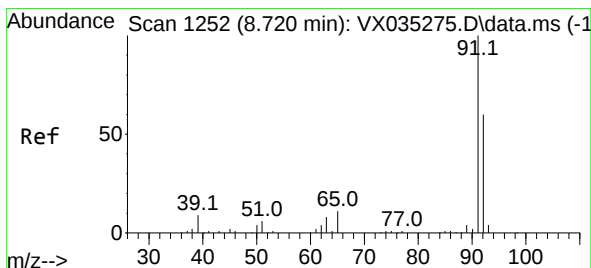
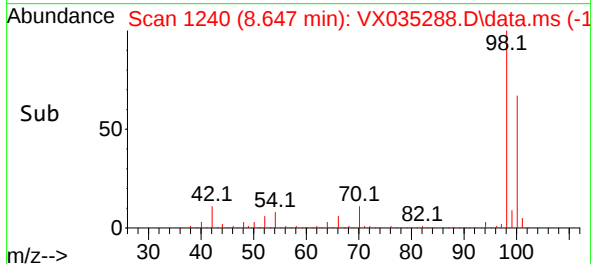
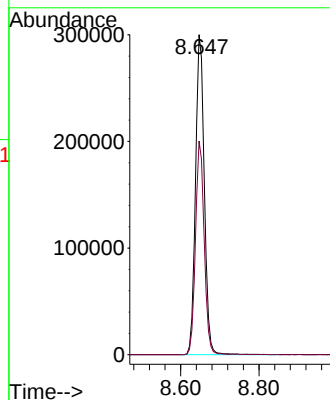
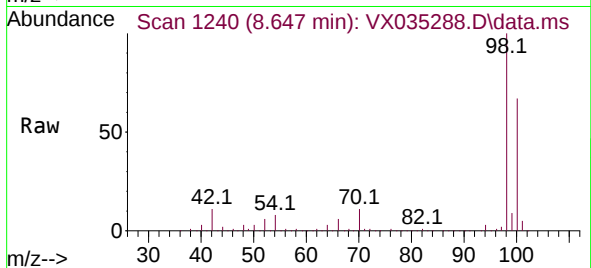
COMP-2DL

Tgt Ion: 98 Resp: 469893

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#52

Toluene

Concen: 0.404 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035288.D

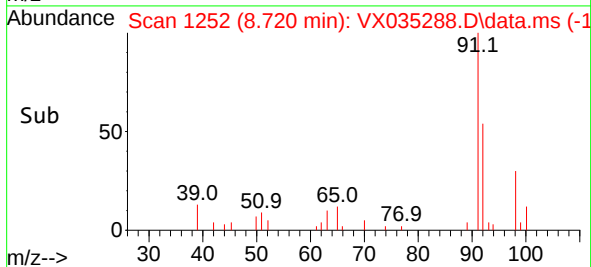
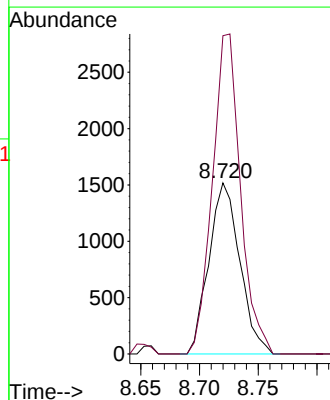
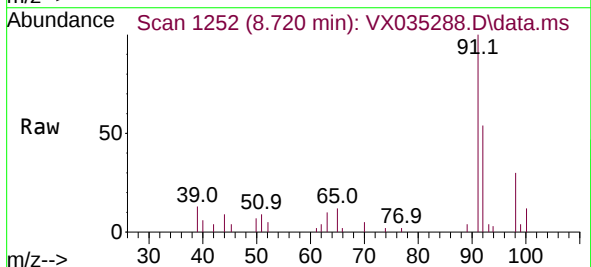
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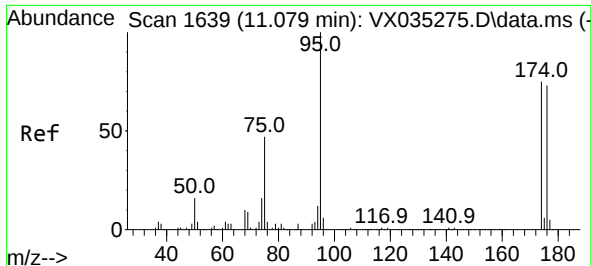
Tgt Ion: 92 Resp: 2780

Ion Ratio Lower Upper

92 100

91 170.4 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 51.420 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035288.D

Acq: 25 Apr 2023 17:00

Instrument :

MSVOA_X

ClientSampleId :

COMP-2DL

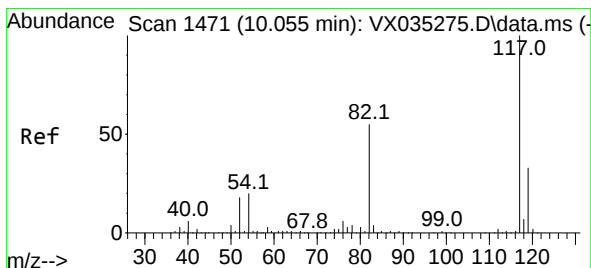
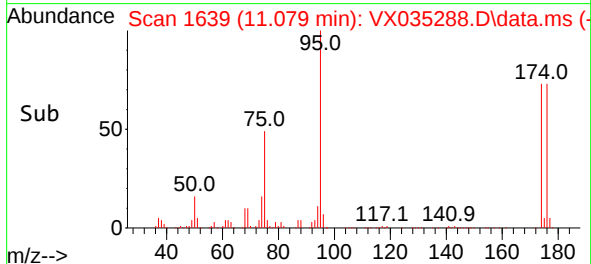
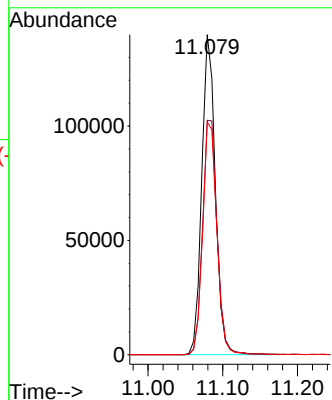
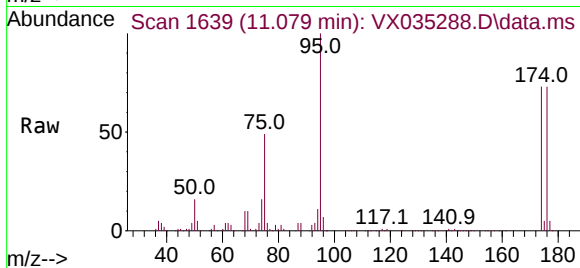
Tgt Ion: 95 Resp: 176669

Ion Ratio Lower Upper

95 100

174 78.3 0.0 147.4

176 75.6 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035288.D

Acq: 25 Apr 2023 17:00

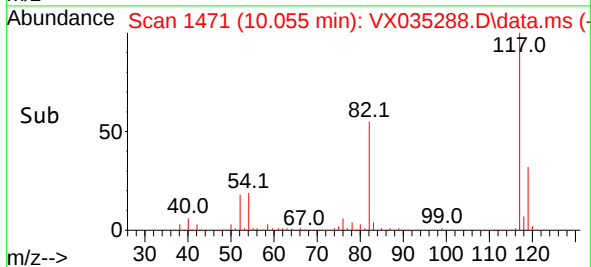
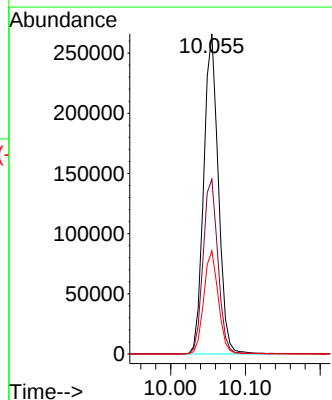
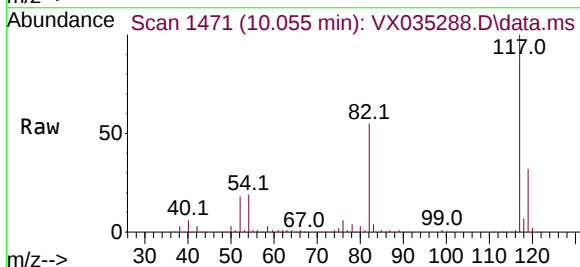
Tgt Ion: 117 Resp: 361618

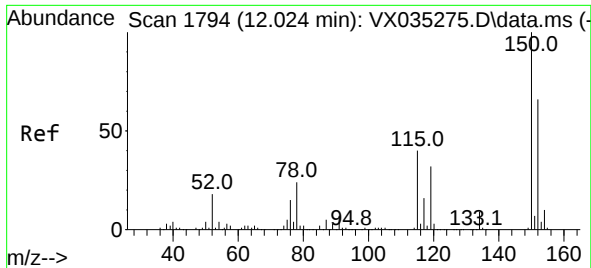
Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.4

119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035288.D

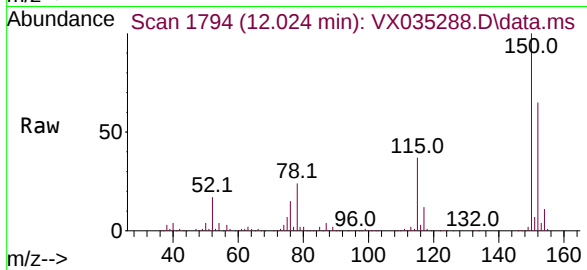
Acq: 25 Apr 2023 17:00

Instrument :

MSVOA_X

ClientSampleId :

COMP-2DL



Tgt Ion:152 Resp: 170473

Ion Ratio Lower Upper

152 100

115 59.0 45.0 135.0

150 157.0 0.0 352.4

