

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035235.D
 Acq On : 21 Apr 2023 16:49
 Operator : JC/MD
 Sample : 02403-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Apr 22 01:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

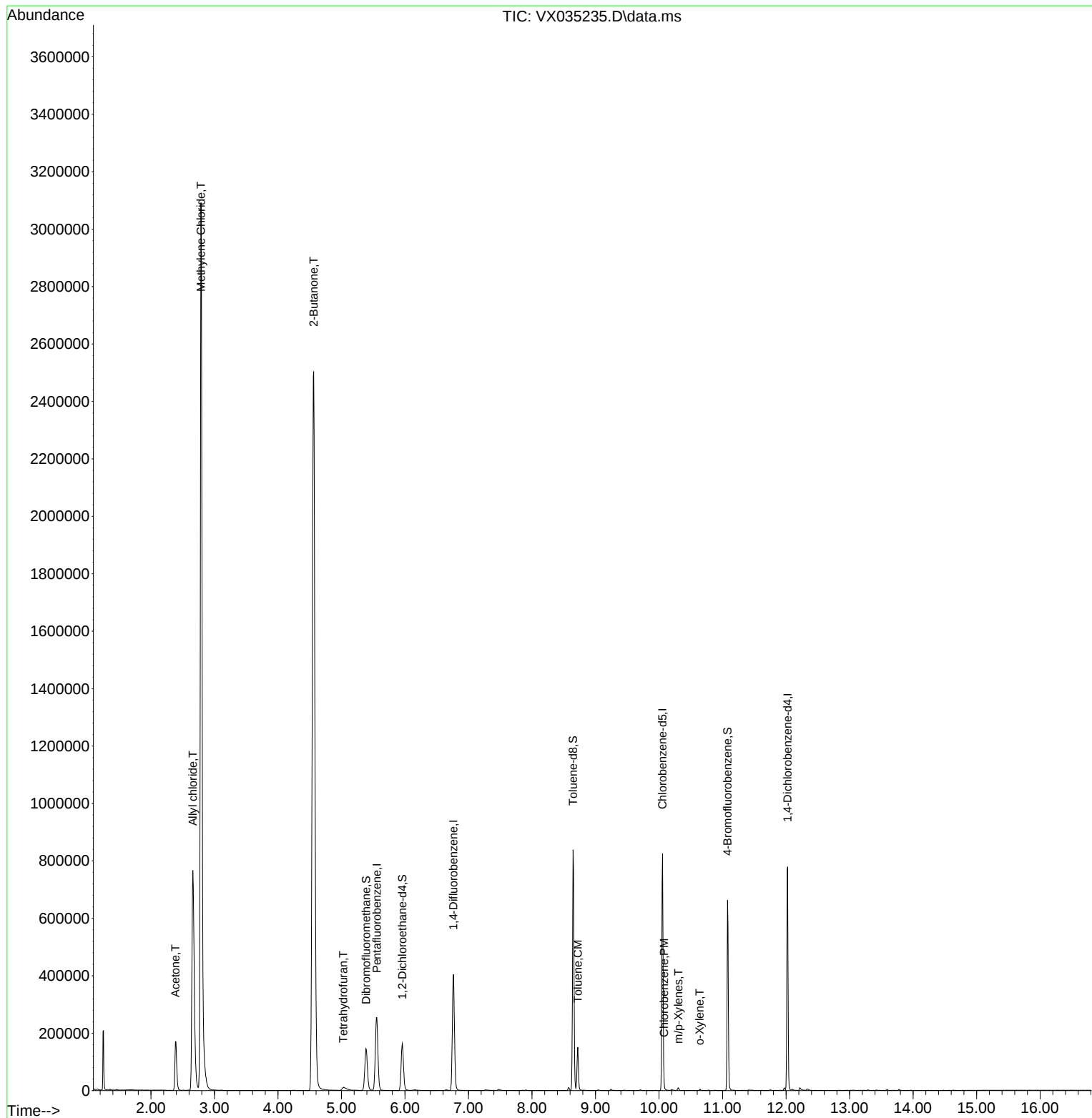
Internal Standards						
1) Pentafluorobenzene	5.556	168	250516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154771	40.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.800%
35) Dibromofluoromethane	5.385	113	129058	46.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	496751	48.309	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	182049	45.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.660	41	1058573	210.096	ug/l #	42
16) Acetone	2.386	43	221055	142.030	ug/l	100
20) Methylene Chloride	2.788	84	1521956	495.546	ug/l	97
25) 2-Butanone	4.562	43	4621096	2041.137	ug/l	94
29) Tetrahydrofuran	5.025	42	7865	5.545	ug/l	97
52) Toluene	8.720	92	57572	7.453	ug/l	99
65) Chlorobenzene	10.079	112	1921	0.244	ug/l	94
68) m/p-Xylenes	10.305	106	2329	0.427	ug/l	99
69) o-Xylene	10.640	106	1138	0.213	ug/l	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
Data File : VX035235.D
Acq On : 21 Apr 2023 16:49
Operator : JC/MD
Sample : 02403-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Quant Time: Apr 22 01:06:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

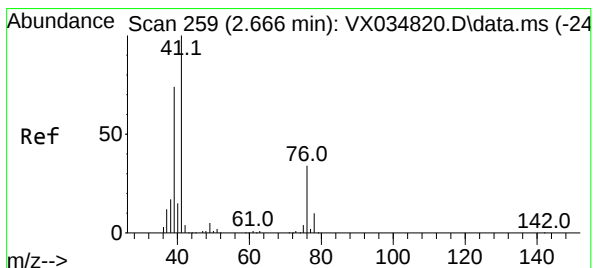
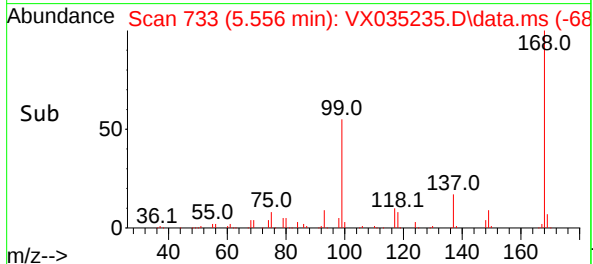
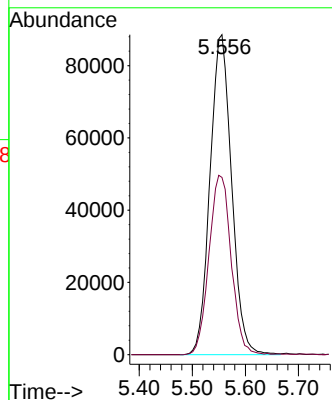
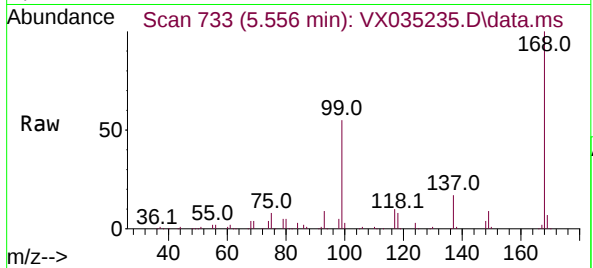




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

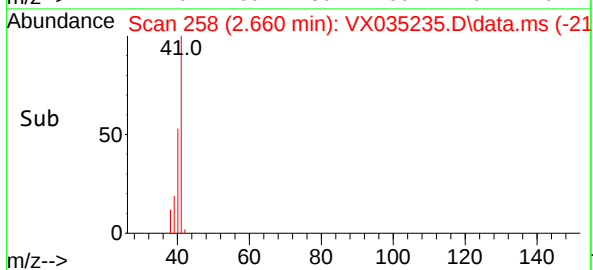
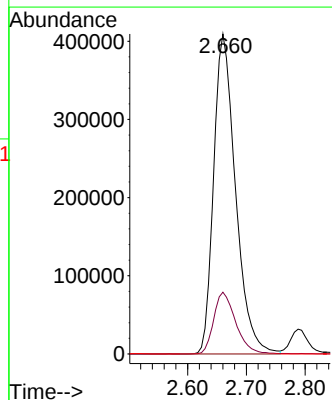
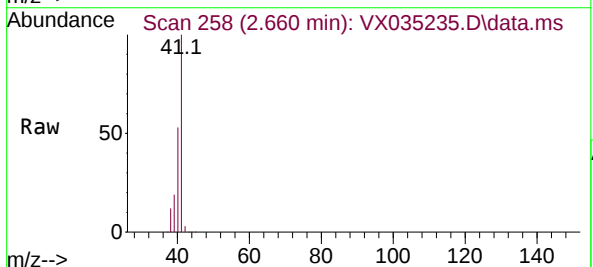
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

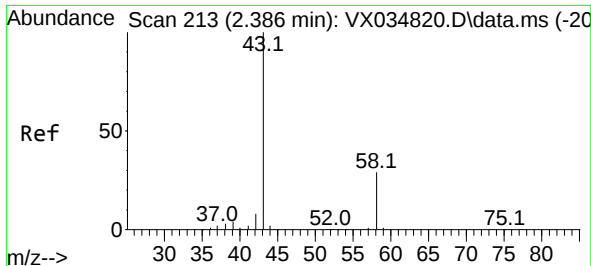
Tgt Ion:168 Resp: 250516
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5



#14
Allyl chloride
Concen: 210.096 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

Tgt Ion: 41 Resp: 1058573
Ion Ratio Lower Upper
41 100
39 19.5 52.4 78.6#
76 0.0 26.0 39.0#

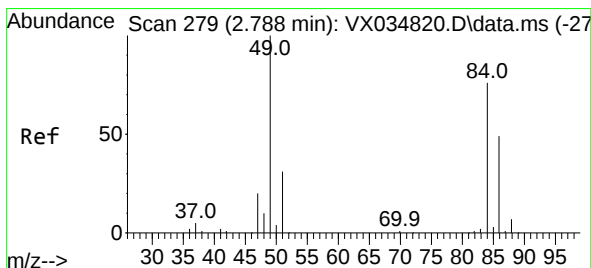
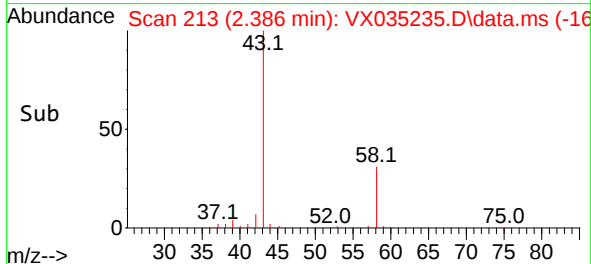
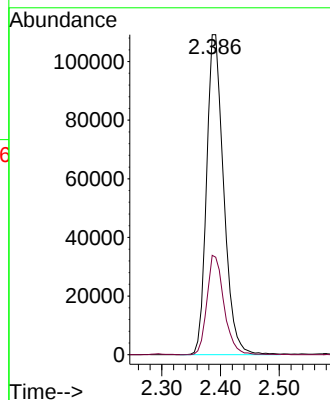
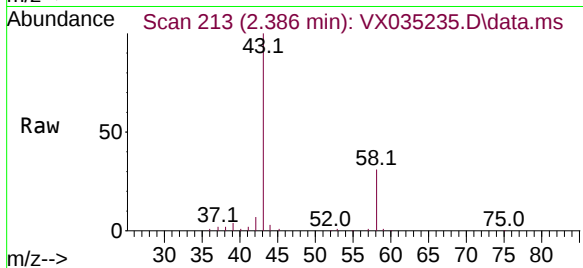




#16
Acetone
Concen: 142.030 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

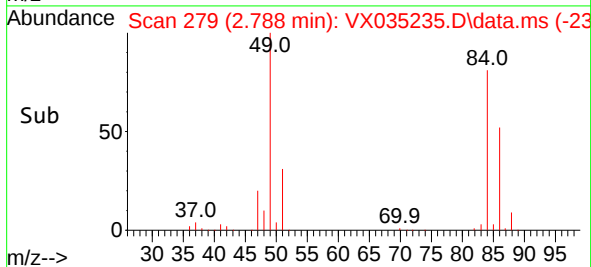
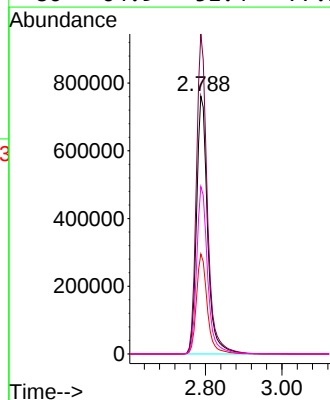
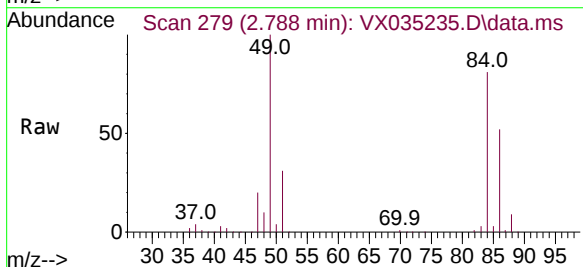
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

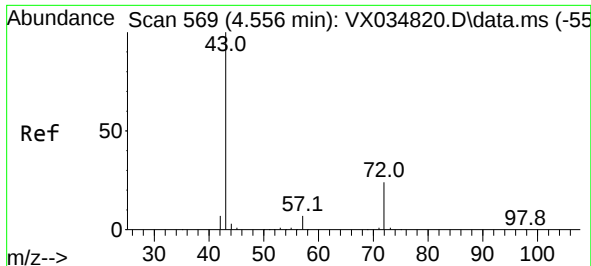
Tgt Ion: 43 Resp: 221055
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1



#20
Methylene Chloride
Concen: 495.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

Tgt Ion: 84 Resp: 1521956
Ion Ratio Lower Upper
84 100
49 124.1 103.8 155.8
51 38.8 31.8 47.8
86 64.9 51.4 77.2

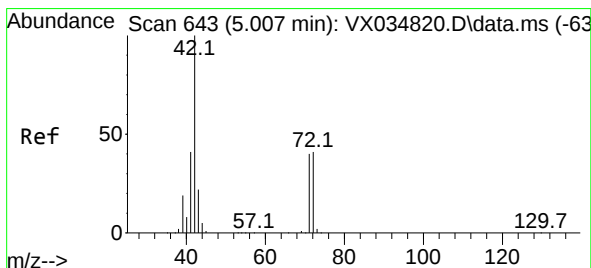
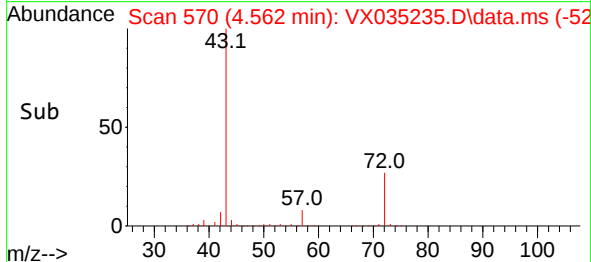
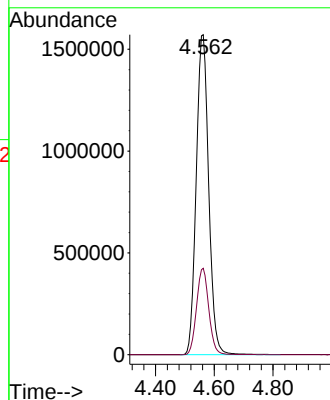
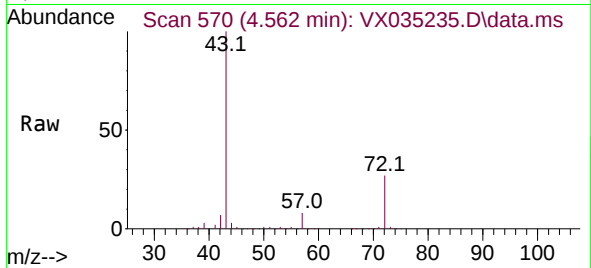




#25
2-Butanone
Concen: 2041.137 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

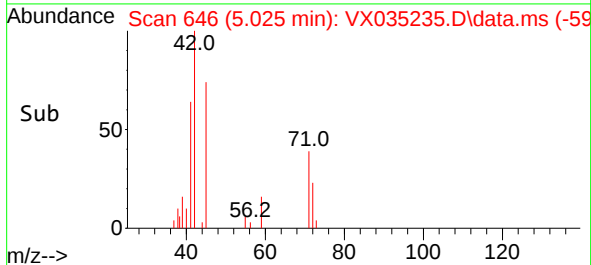
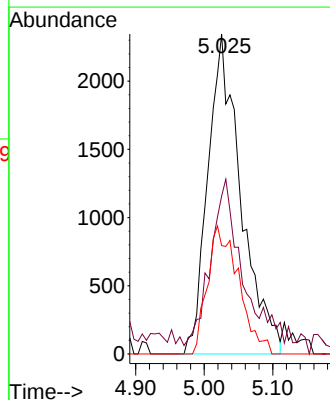
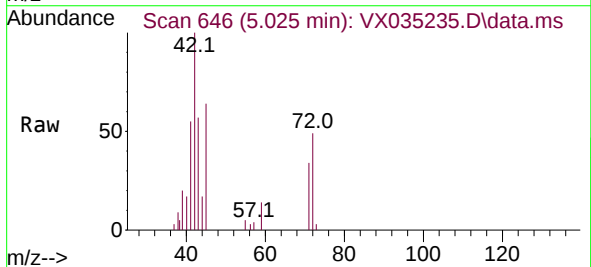
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

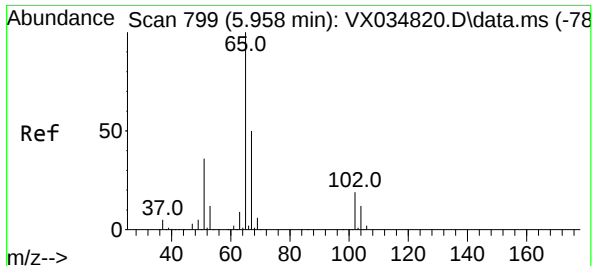
Tgt Ion: 43 Resp: 4621096
Ion Ratio Lower Upper
43 100
72 27.0 19.3 28.9



#29
Tetrahydrofuran
Concen: 5.545 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

Tgt Ion: 42 Resp: 7865
Ion Ratio Lower Upper
42 100
72 44.6 34.5 51.7
71 37.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 40.397 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035235.D

Acq: 21 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

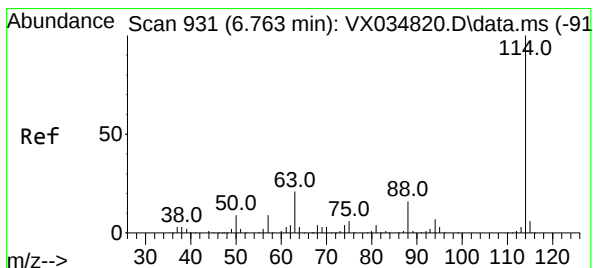
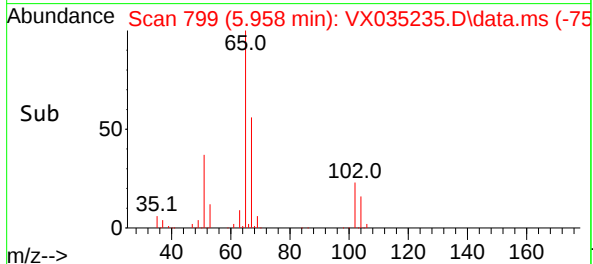
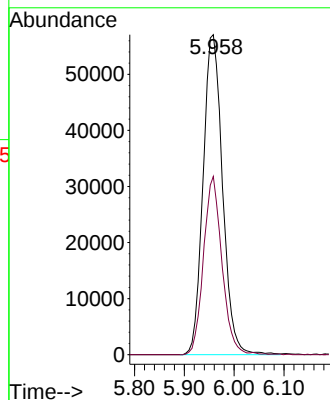
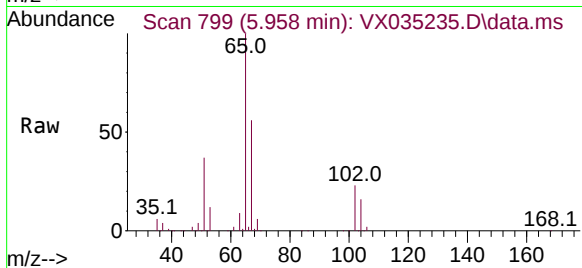
COMP-2

Tgt Ion: 65 Resp: 154771

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035235.D

Acq: 21 Apr 2023 16:49

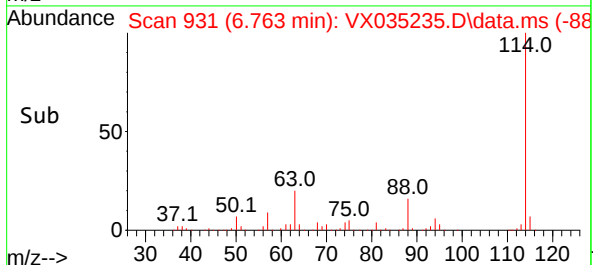
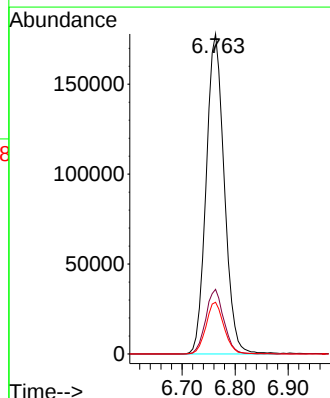
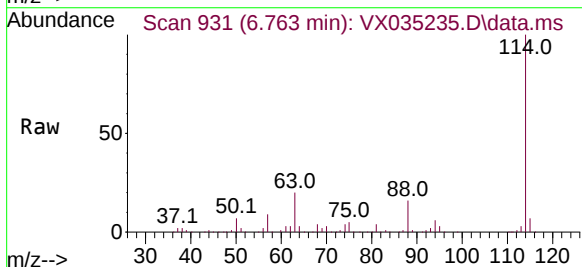
Tgt Ion: 114 Resp: 421191

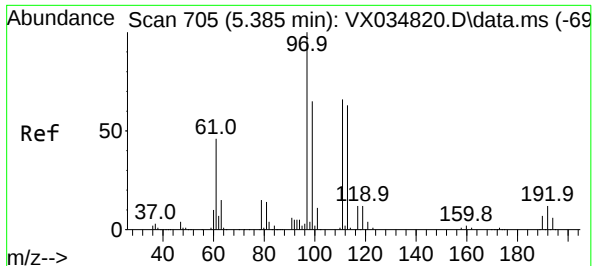
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.326 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035235.D

Acq: 21 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

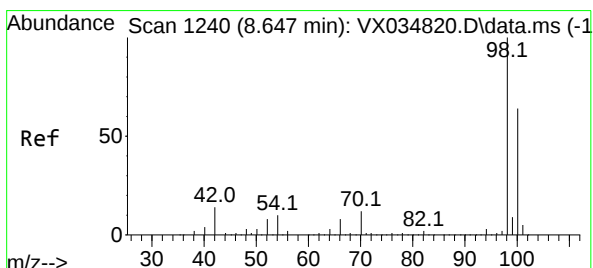
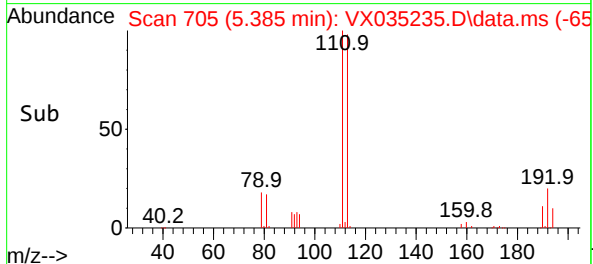
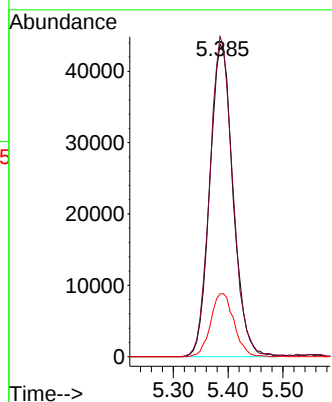
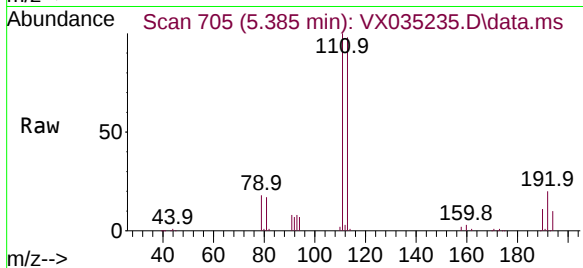
Tgt Ion:113 Resp: 129058

Ion Ratio Lower Upper

113 100

111 101.7 83.7 125.5

192 20.3 15.4 23.2



#50

Toluene-d8

Concen: 48.309 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035235.D

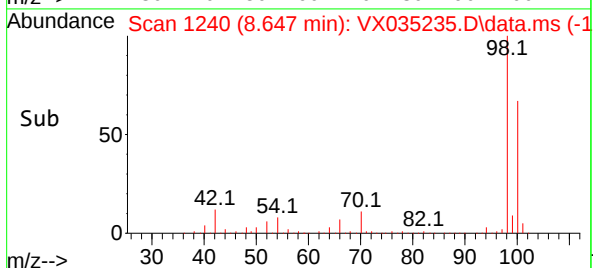
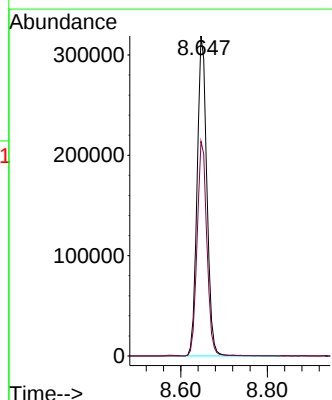
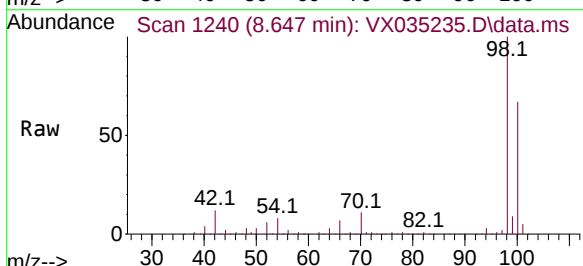
Acq: 21 Apr 2023 16:49

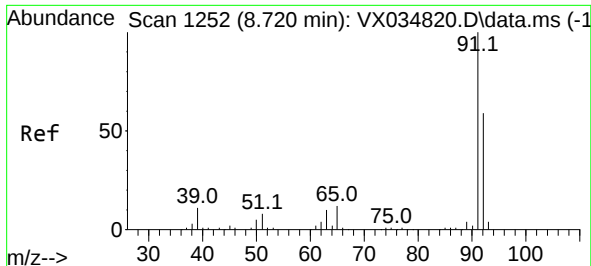
Tgt Ion: 98 Resp: 496751

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

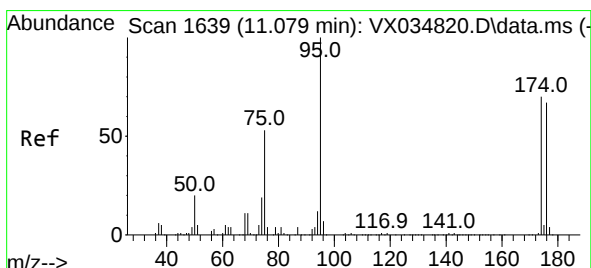
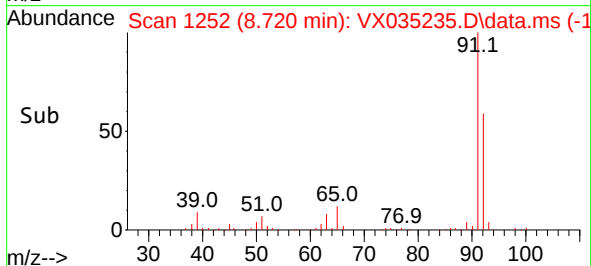
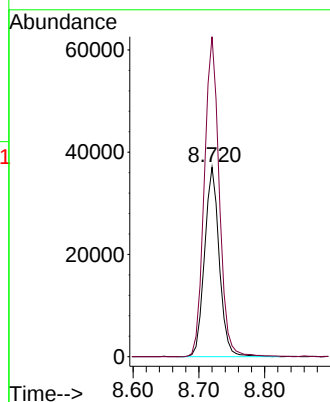
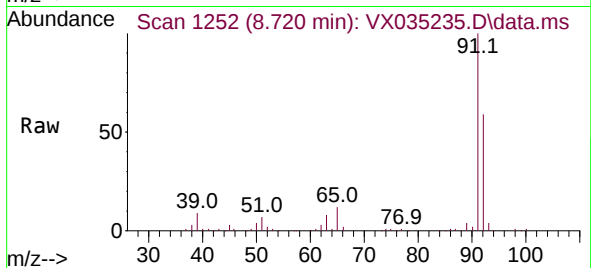




#52
Toluene
Concen: 7.453 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

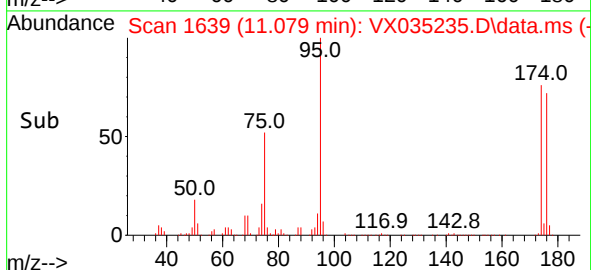
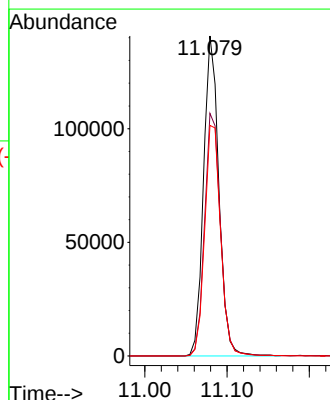
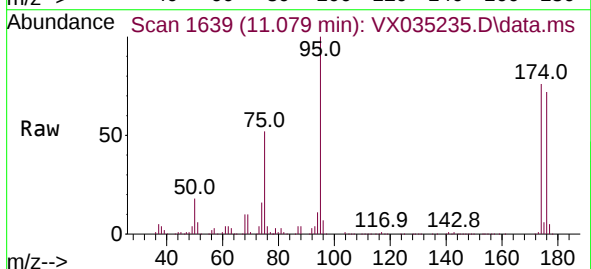
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

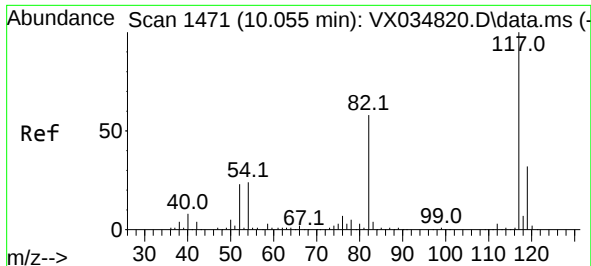
Tgt Ion: 92 Resp: 57572
Ion Ratio Lower Upper
92 100
91 171.9 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

Tgt Ion: 95 Resp: 182049
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.4
176 75.5 0.0 140.6

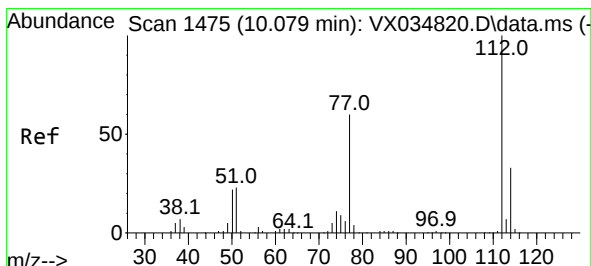
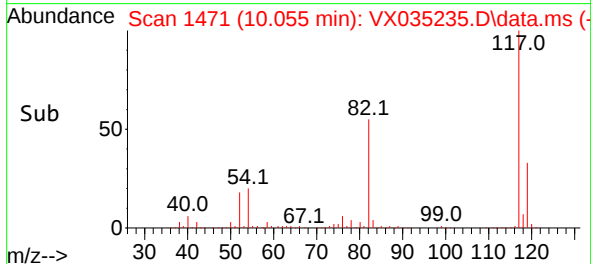
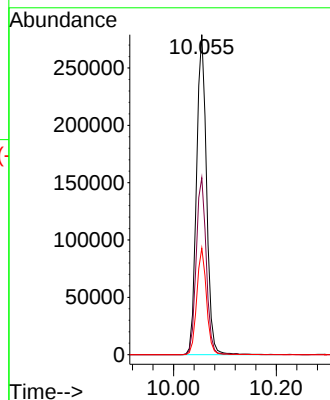
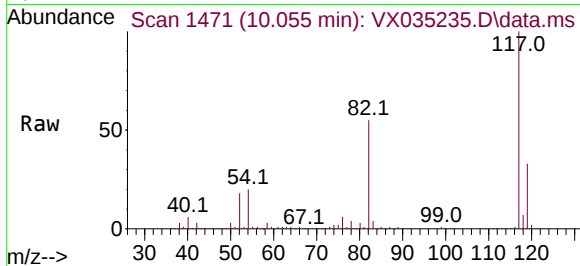




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

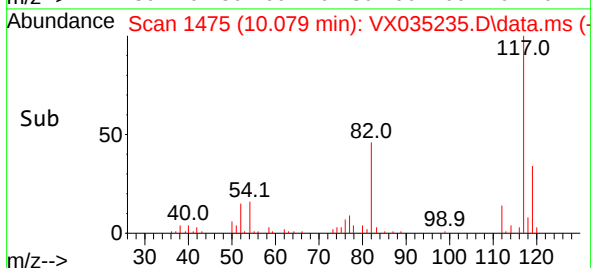
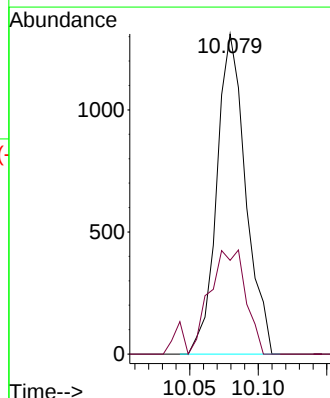
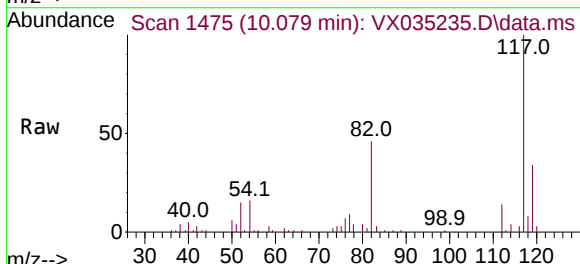
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

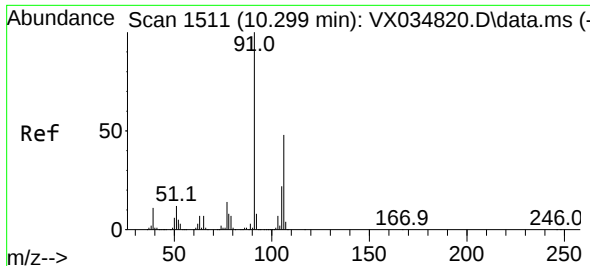
Tgt Ion:117 Resp: 378986
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 33.3 26.0 39.0



#65
Chlorobenzene
Concen: 0.244 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

Tgt Ion:112 Resp: 1921
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.2

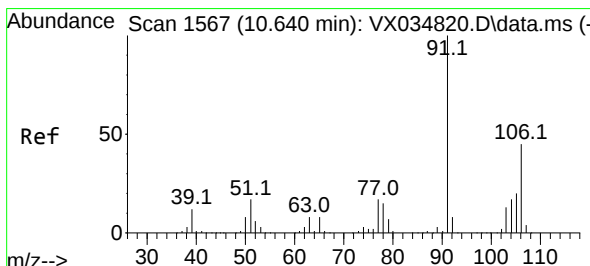
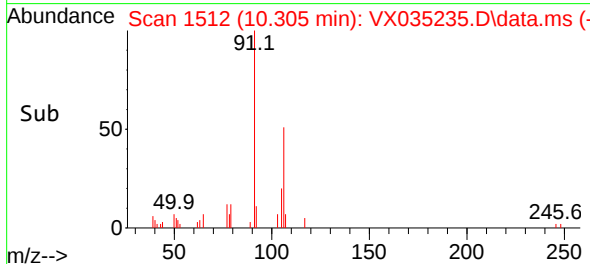
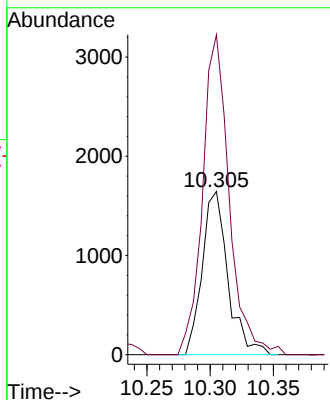
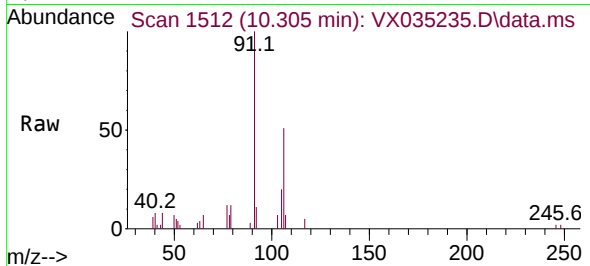




#68
m/p-Xylenes
Concen: 0.427 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

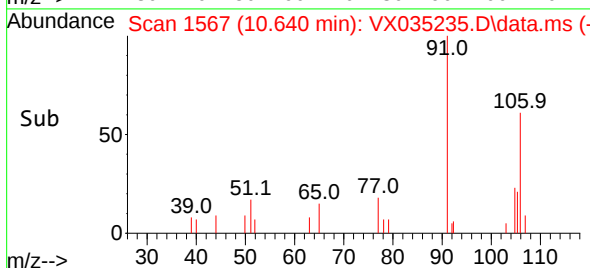
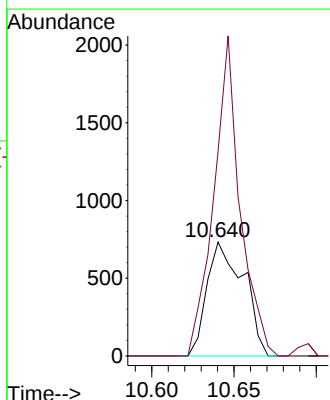
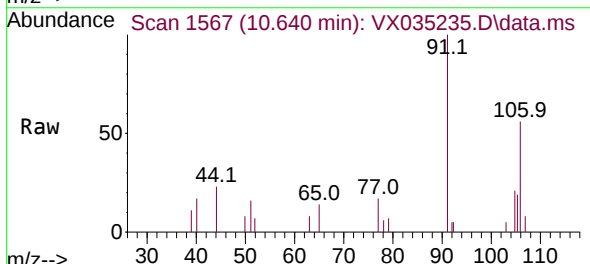
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

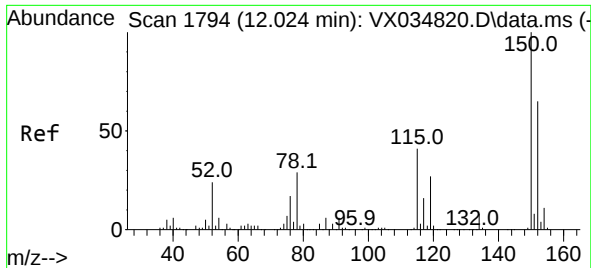
Tgt Ion:106 Resp: 2329
Ion Ratio Lower Upper
106 100
91 202.8 164.0 246.0



#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035235.D
Acq: 21 Apr 2023 16:49

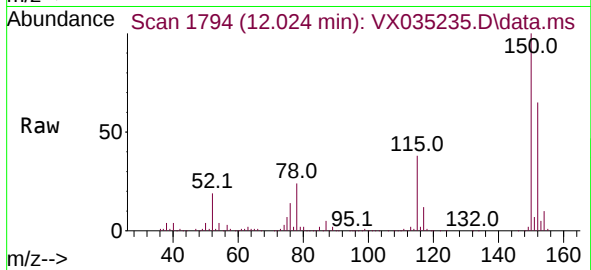
Tgt Ion:106 Resp: 1138
Ion Ratio Lower Upper
106 100
91 201.8 108.5 325.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035235.D
 Acq: 21 Apr 2023 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2



Tgt Ion:152 Resp: 174884
 Ion Ratio Lower Upper
 152 100
 115 59.9 45.0 135.0
 150 155.1 0.0 352.4

