

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035480.D
 Acq On : 02 May 2023 15:35
 Operator : JC/MD
 Sample : 02521-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-15

Quant Time: May 03 03:16:23 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)

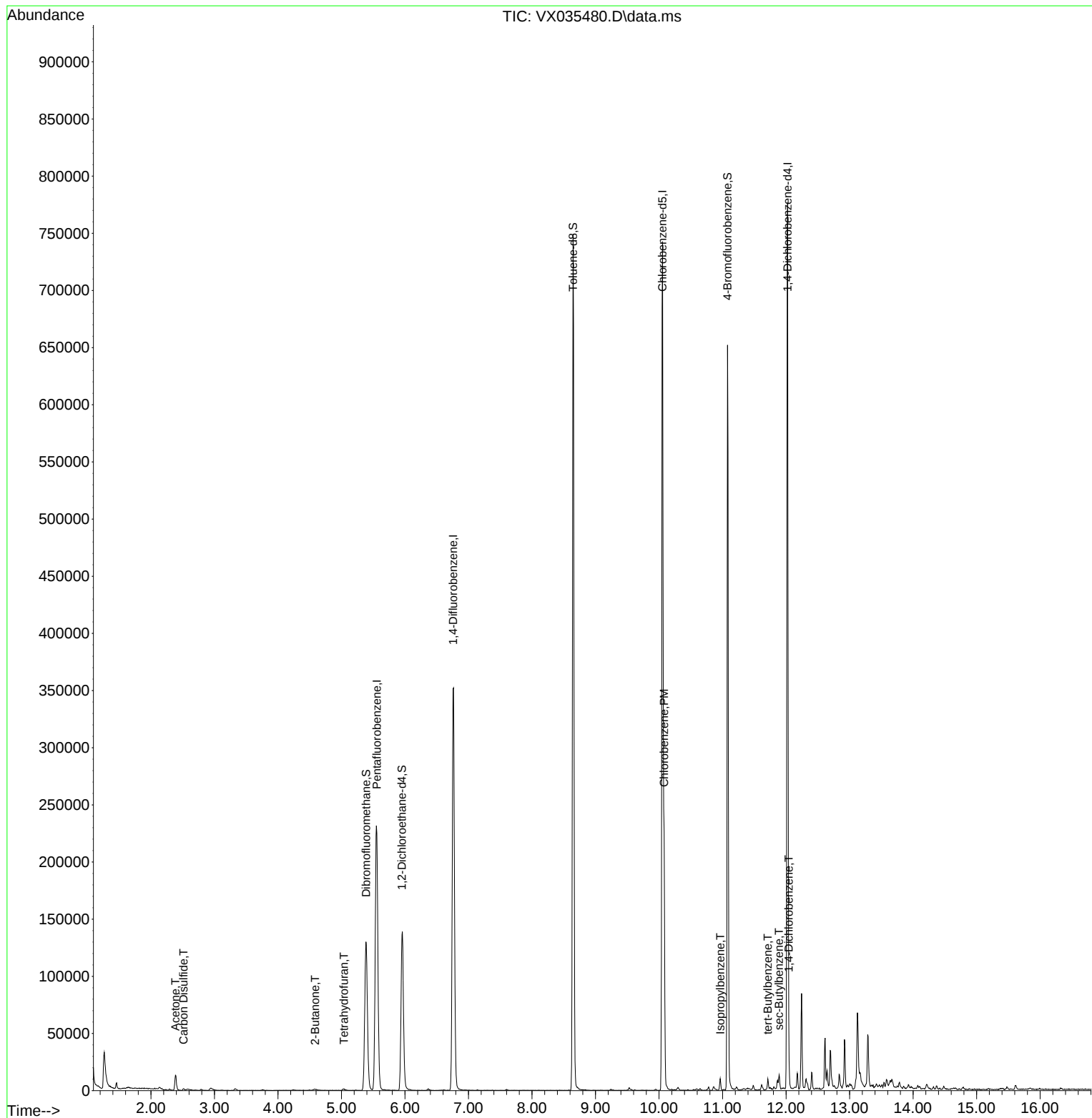
Internal Standards						
1) Pentafluorobenzene	5.556	168	234153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	376409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137645	48.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.460%
35) Dibromofluoromethane	5.385	113	116776	50.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	8.647	98	441027	50.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	177925	54.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.540%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	13323	10.859	ug/l	98
17) Carbon Disulfide	2.514	76	1879	0.345	ug/l	99
25) 2-Butanone	4.587	43	1751m	0.978	ug/l	
29) Tetrahydrofuran	5.038	42	1162	1.012	ug/l #	84
65) Chlorobenzene	10.079	112	94111	12.503	ug/l	98
73) Isopropylbenzene	10.963	105	5485	0.437	ug/l	98
83) tert-Butylbenzene	11.713	119	3434	0.323	ug/l	89
85) sec-Butylbenzene	11.890	105	6147	0.472	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	6947	1.117	ug/l #	78

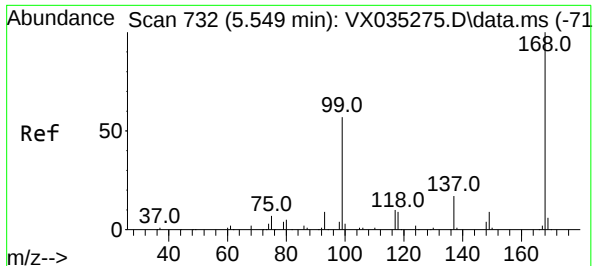
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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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: VX035480.D

Acq: 02 May 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

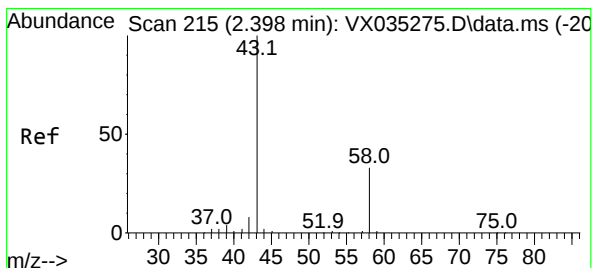
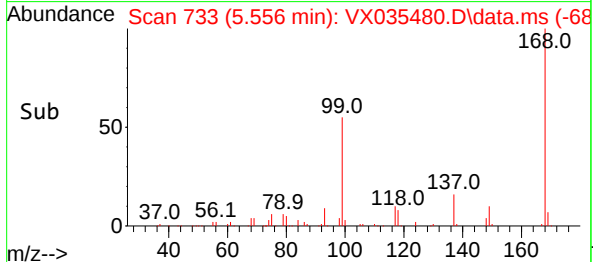
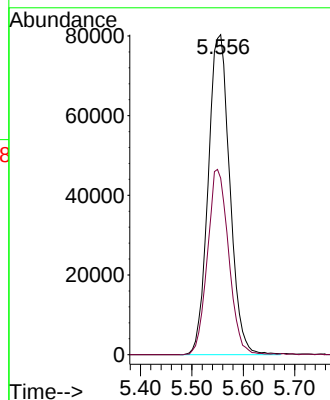
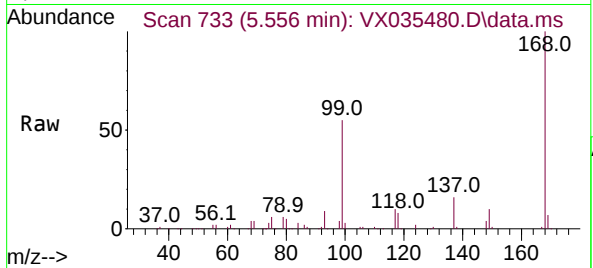
PZ-15

Tgt Ion:168 Resp: 234153

Ion Ratio Lower Upper

168 100

99 55.1 45.7 68.5



#16

Acetone

Concen: 10.859 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035480.D

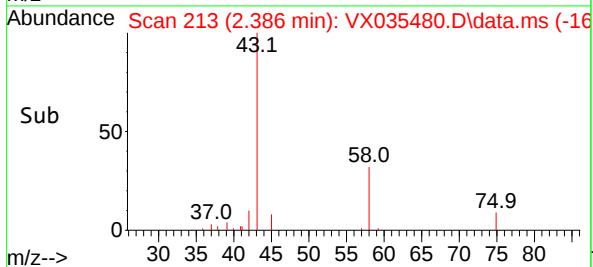
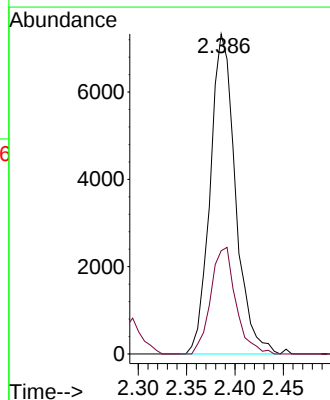
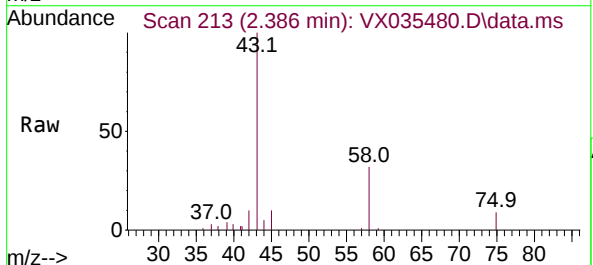
Acq: 02 May 2023 15:35

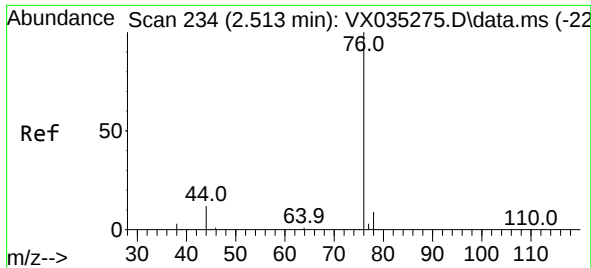
Tgt Ion: 43 Resp: 13323

Ion Ratio Lower Upper

43 100

58 32.2 24.7 37.1

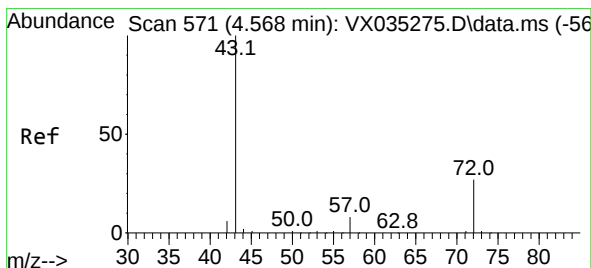
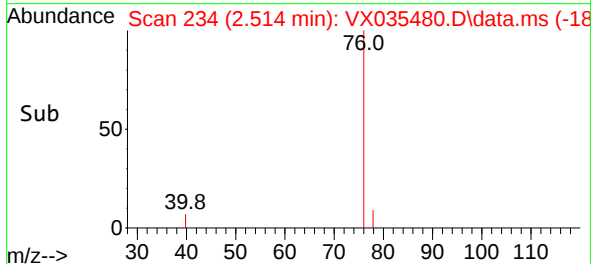
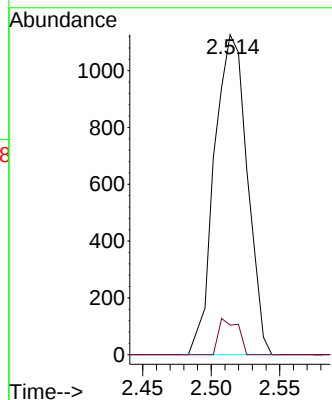
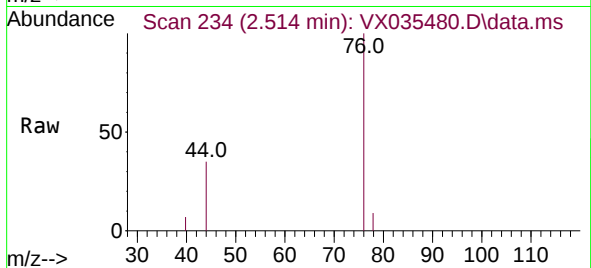




#17
Carbon Disulfide
Concen: 0.345 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

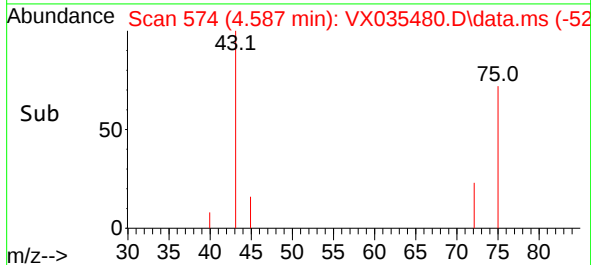
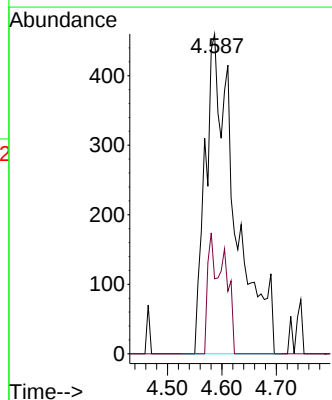
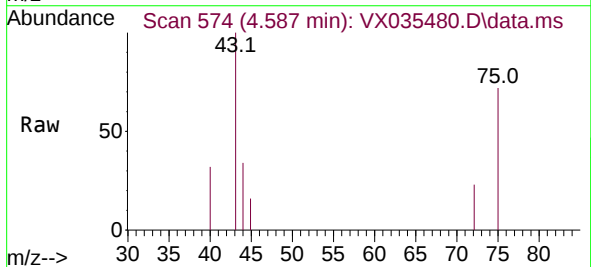
Instrument :
MSVOA_X
ClientSampleId :
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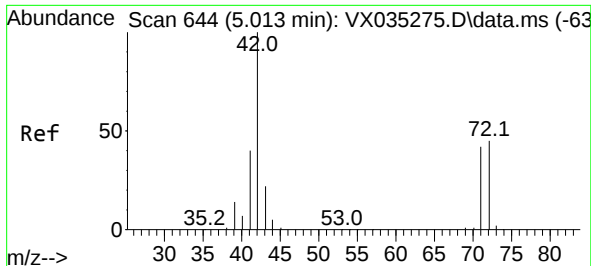
Tgt Ion: 76 Resp: 1879
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#25
2-Butanone
Concen: 0.978 ug/l m
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9





#29

Tetrahydrofuran

Concen: 1.012 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX035480.D

Acq: 02 May 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

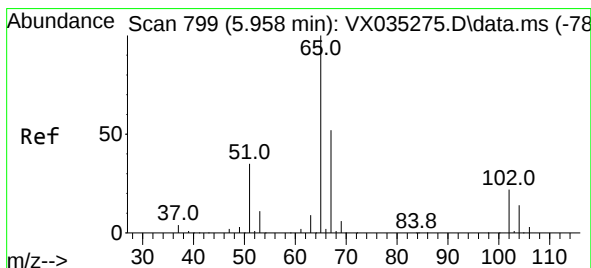
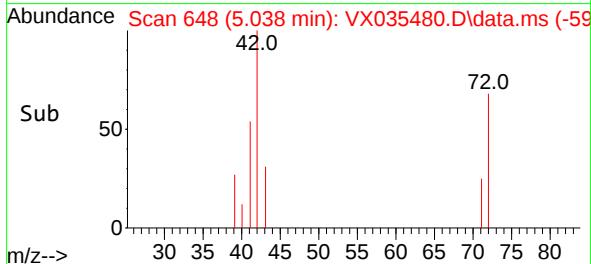
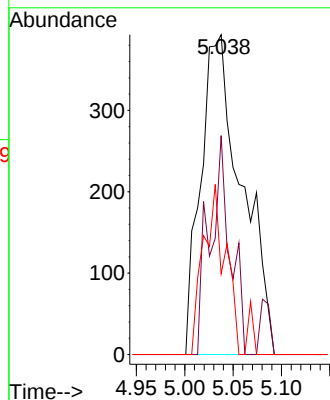
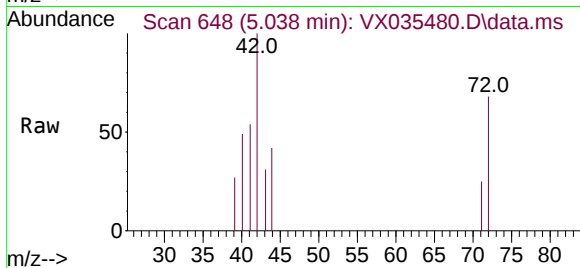
Tgt Ion: 42 Resp: 1162

Ion Ratio Lower Upper

42 100

72 34.0 34.5 51.7#

71 28.5 32.1 48.1#



#33

1,2-Dichloroethane-d4

Concen: 48.725 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035480.D

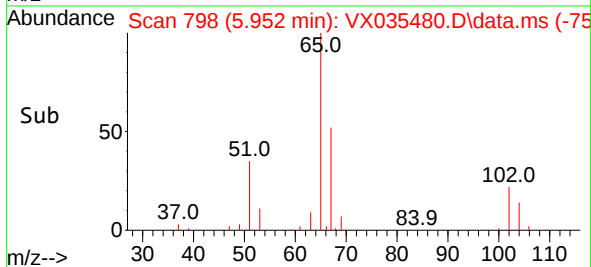
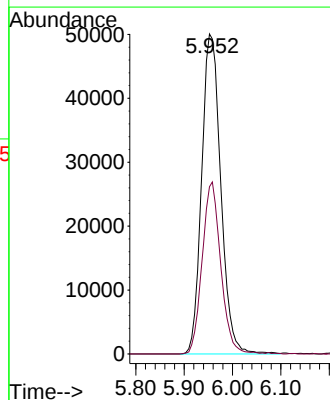
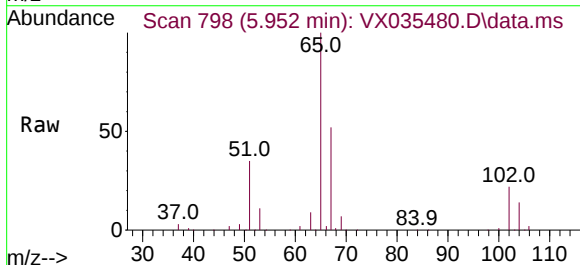
Acq: 02 May 2023 15:35

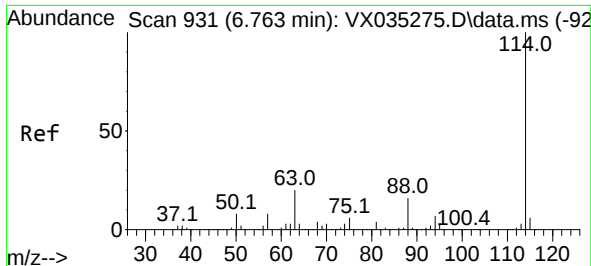
Tgt Ion: 65 Resp: 137645

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0

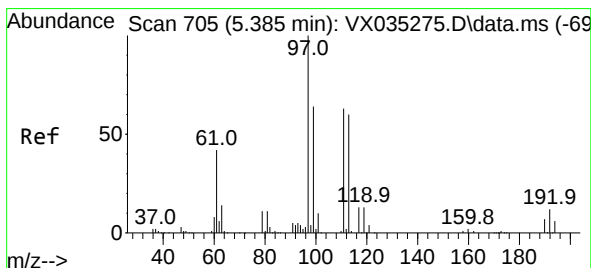
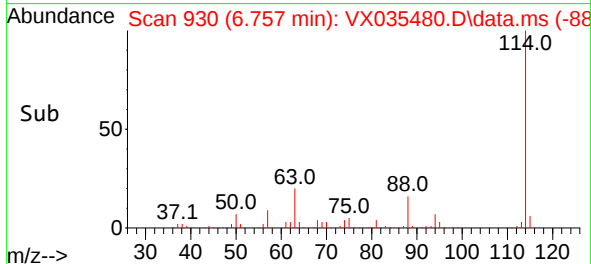
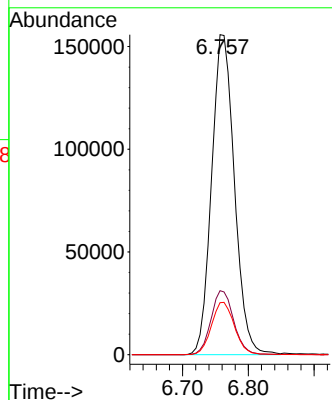
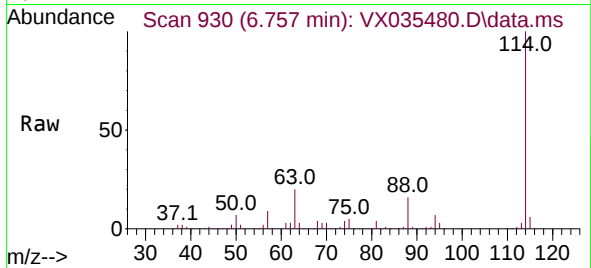




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

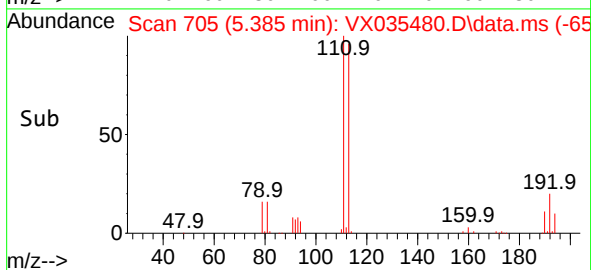
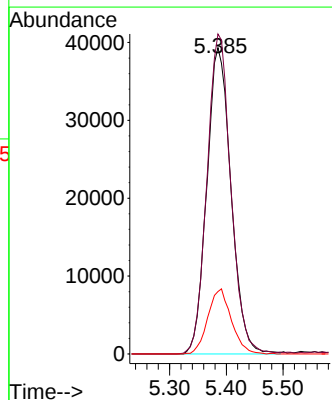
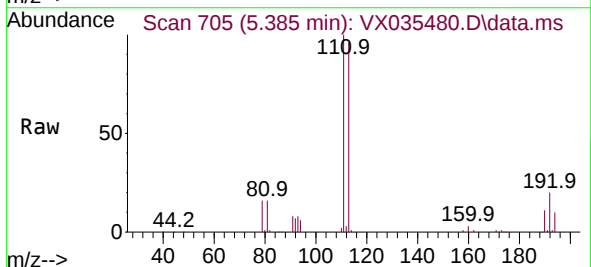
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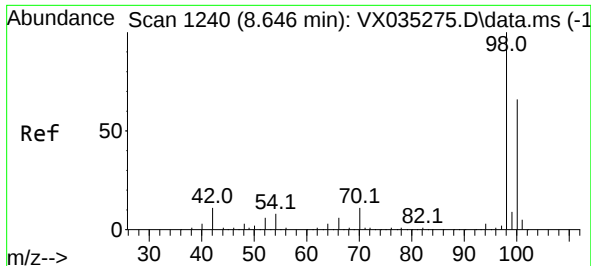
Tgt Ion:114 Resp: 376409
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

Tgt Ion:113 Resp: 116776
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 20.6 15.4 23.2

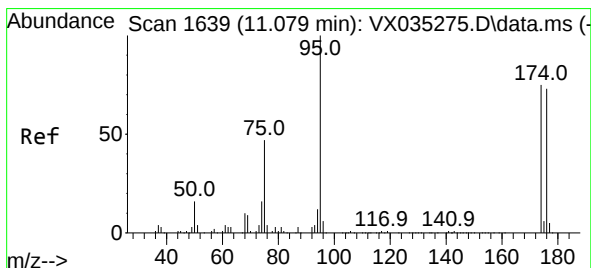
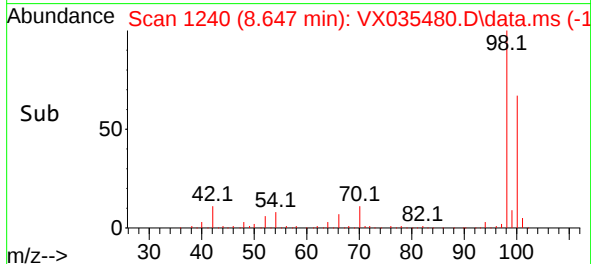
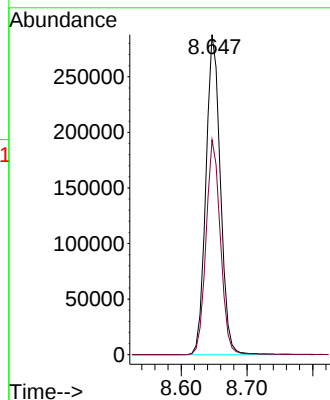
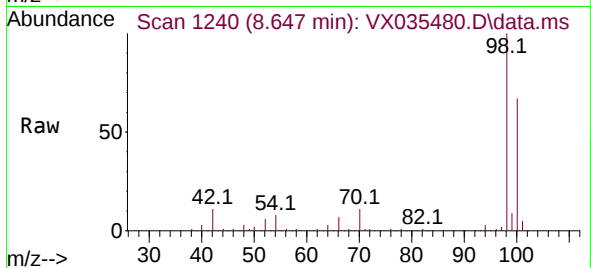




#50
Toluene-d8
Concen: 50.605 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

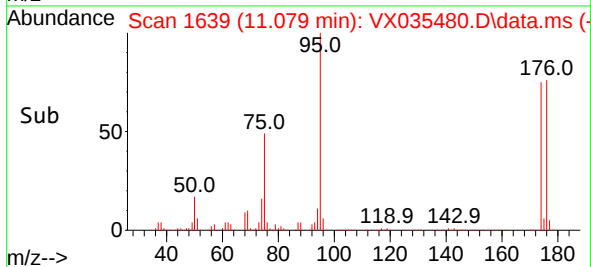
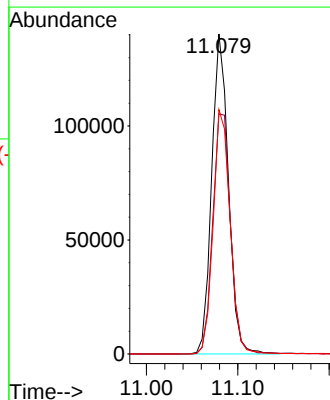
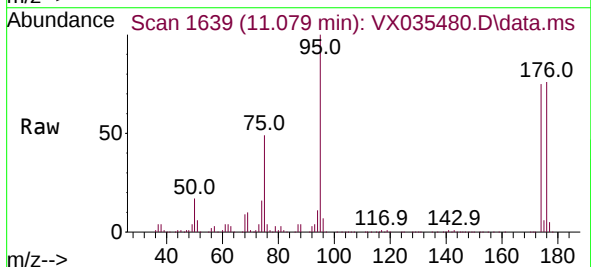
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ClientSampleId :
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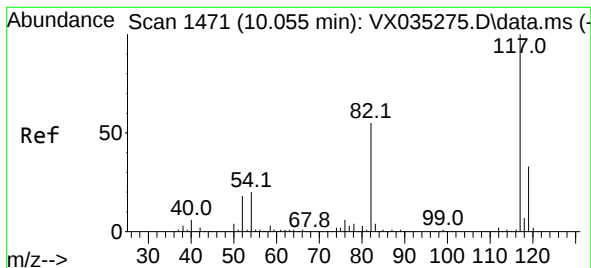
Tgt Ion: 98 Resp: 441027
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

Tgt Ion: 95 Resp: 177925
Ion Ratio Lower Upper
95 100
174 80.1 0.0 147.4
176 77.8 0.0 140.6

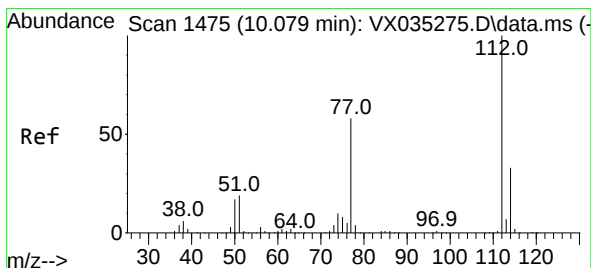
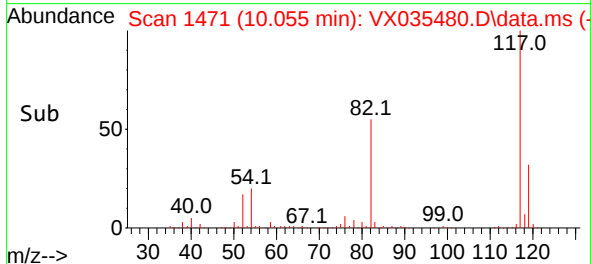
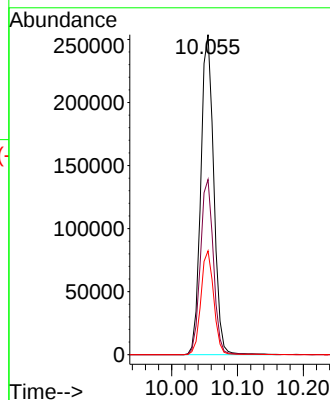
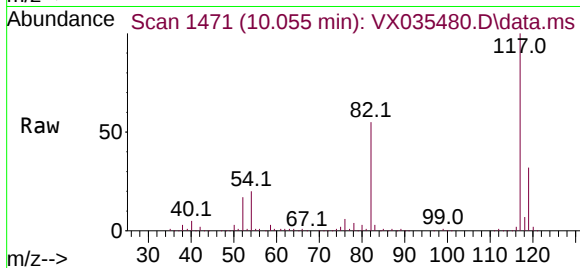




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

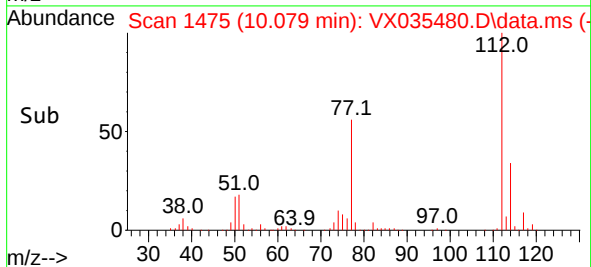
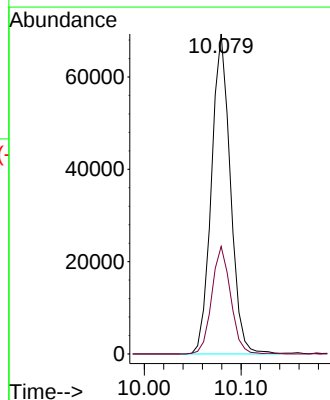
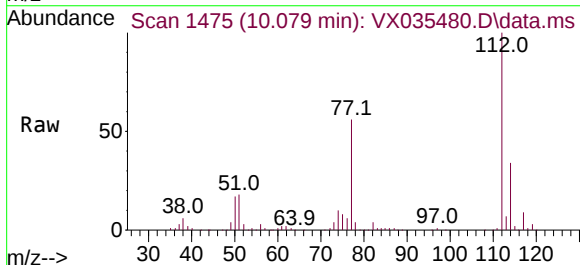
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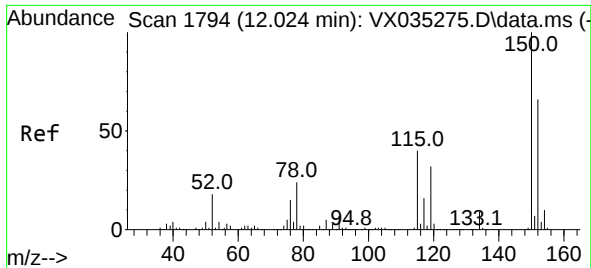
Tgt Ion:117 Resp: 347920
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.5 26.0 39.0



#65
Chlorobenzene
Concen: 12.503 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

Tgt Ion:112 Resp: 94111
Ion Ratio Lower Upper
112 100
114 33.6 26.2 39.2

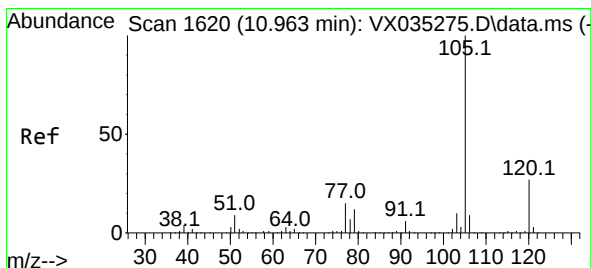
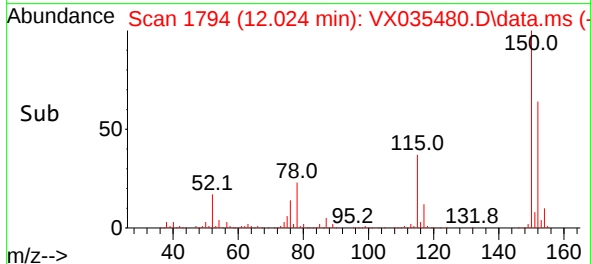
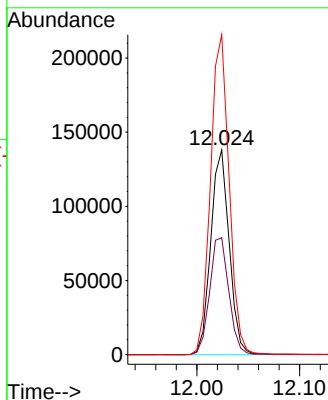
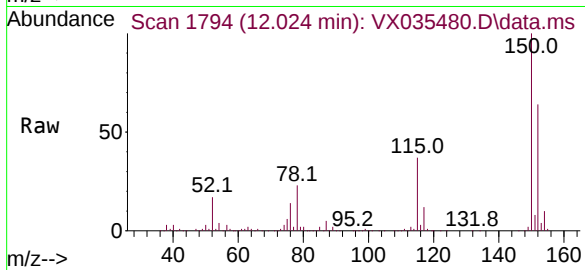




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 171803
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

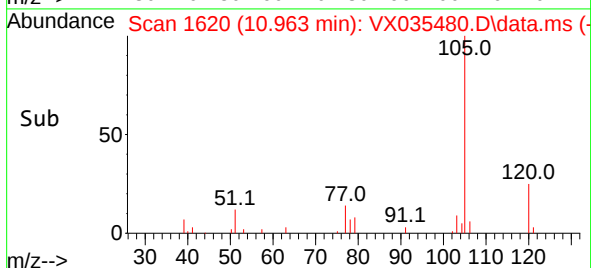
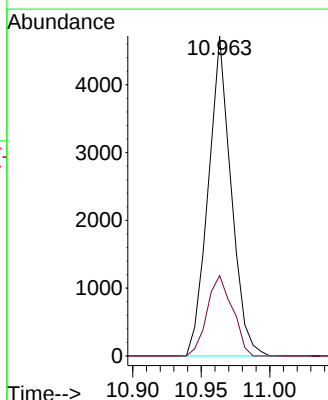
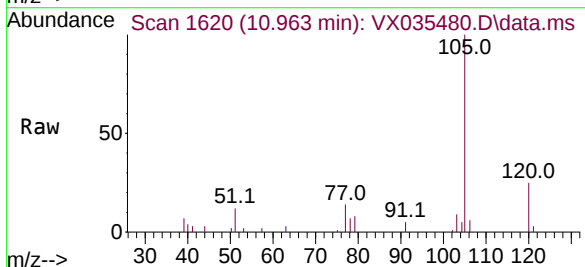
Instrument :
MSVOA_X
ClientSampleId :
PZ-15

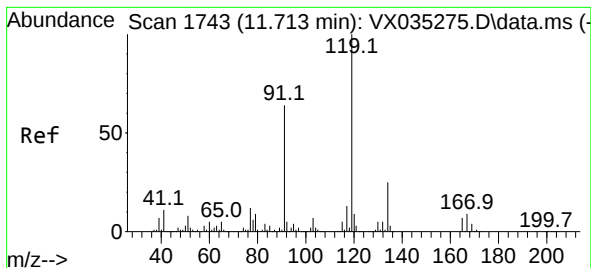
Tgt Ion:152 Resp: 171803
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 158.0 0.0 352.4



#73
Isopropylbenzene
Concen: 0.437 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035480.D
Acq: 02 May 2023 15:35

Tgt Ion:105 Resp: 5485
Ion Ratio Lower Upper
105 100
120 27.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 0.323 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035480.D

Acq: 02 May 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

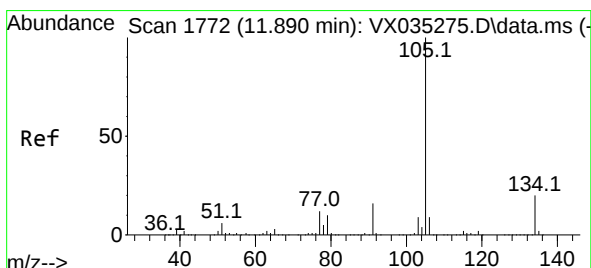
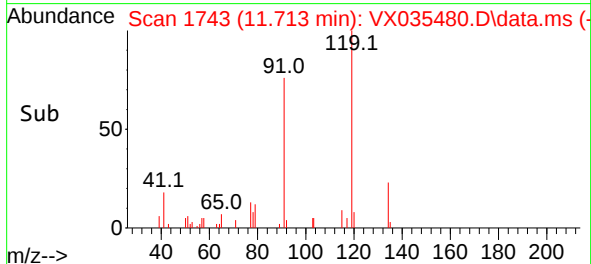
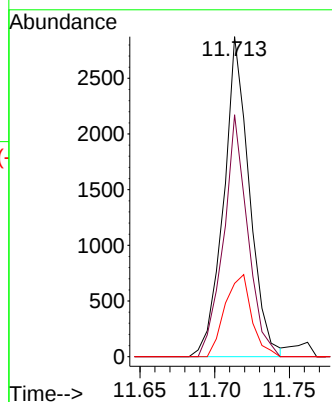
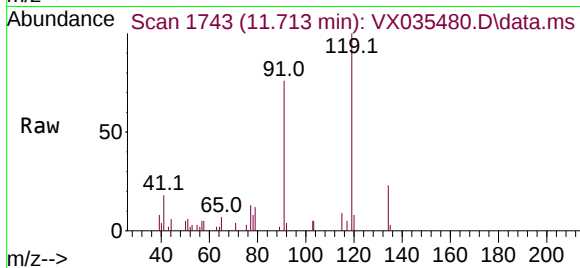
Tgt Ion:119 Resp: 3434

Ion Ratio Lower Upper

119 100

91 70.9 30.6 92.0

134 26.6 11.8 35.4



#85

sec-Butylbenzene

Concen: 0.472 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035480.D

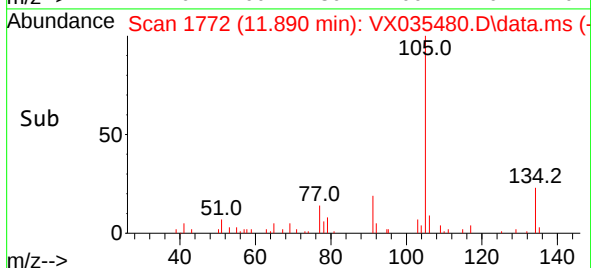
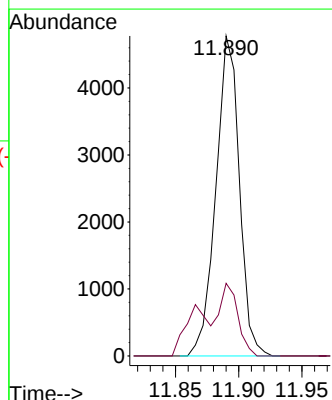
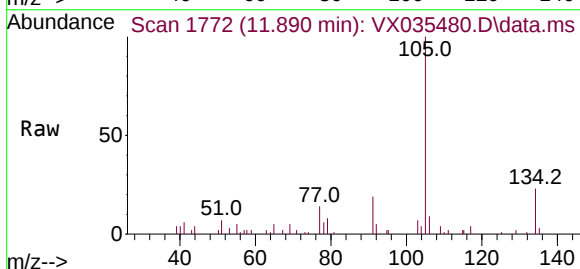
Acq: 02 May 2023 15:35

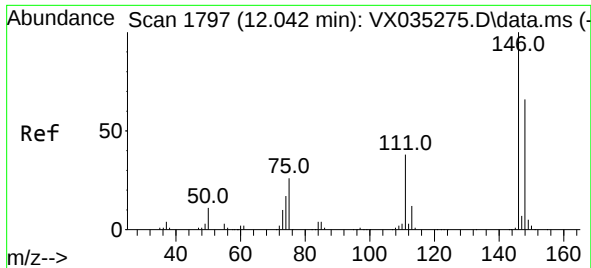
Tgt Ion:105 Resp: 6147

Ion Ratio Lower Upper

105 100

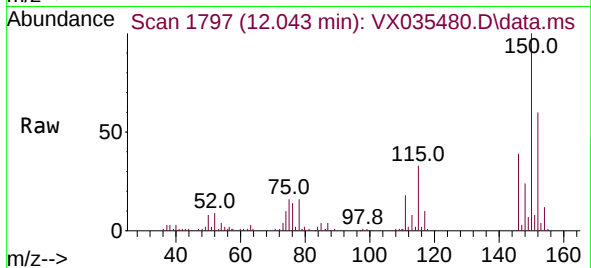
134 18.1 10.2 30.4





#88
 1,4-Dichlorobenzene
 Concen: 1.117 ug/l
 RT: 12.043 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035480.D
 Acq: 02 May 2023 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-15



Tgt Ion:146 Resp: 6947
 Ion Ratio Lower Upper
 146 100
 111 68.8 20.6 61.9#
 148 70.3 31.8 95.4

