

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036835.D
 Acq On : 07 Aug 2023 14:28
 Operator : JC/MD
 Sample : 03899-01DL 10X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 520DL

Quant Time: Aug 08 01:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

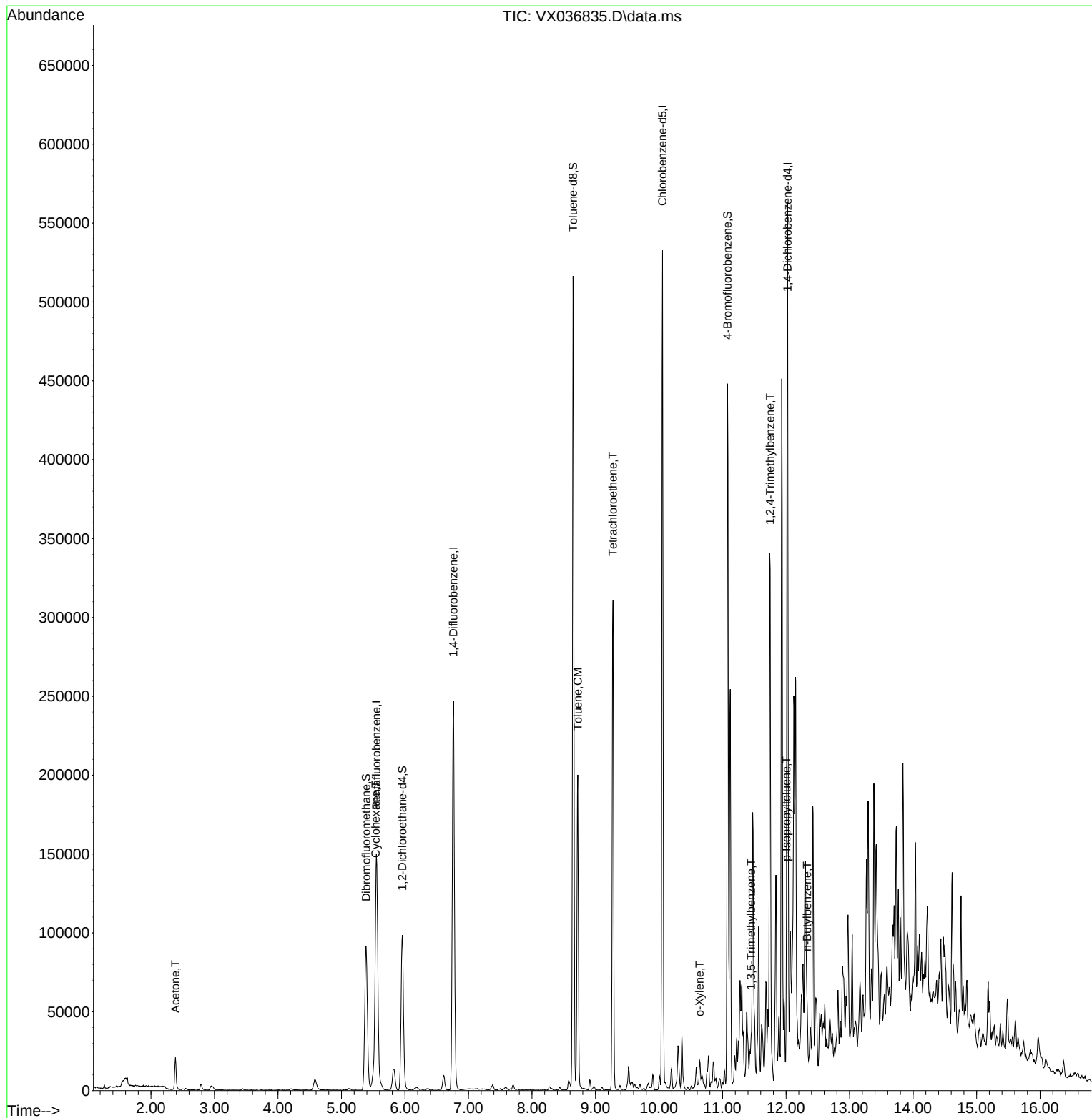
Internal Standards						
1) Pentafluorobenzene	5.550	168	138277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96637	47.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.385	113	80967	46.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	302794	49.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	117992	50.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.360%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	22007	25.921	ug/l	90
31) Cyclohexane	5.537	56	5633	1.988	ug/l #	1
52) Toluene	8.720	92	76321	16.141	ug/l	98
64) Tetrachloroethene	9.275	164	56848	32.503	ug/l	98
69) o-Xylene	10.640	106	4032	1.147	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	9211	1.215	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	31056	4.096	ug/l	98
86) p-Isopropyltoluene	12.006	119	11690	1.529	ug/l	97
89) n-Butylbenzene	12.329	91	10104	1.477	ug/l #	53

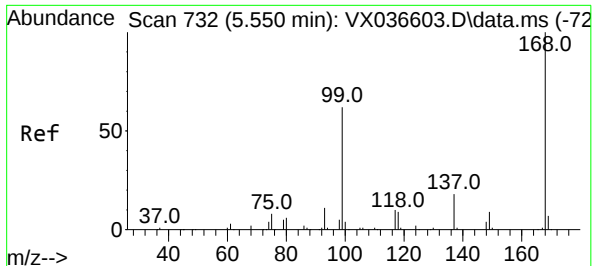
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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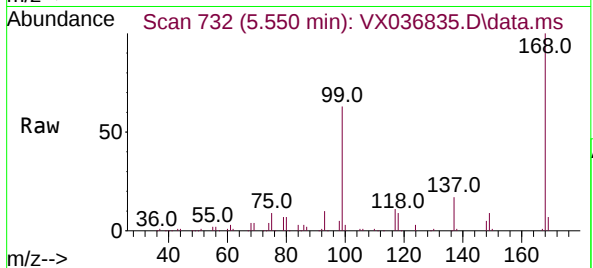
Quant Time: Aug 08 01:34:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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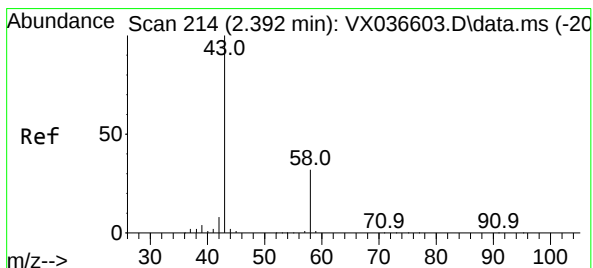
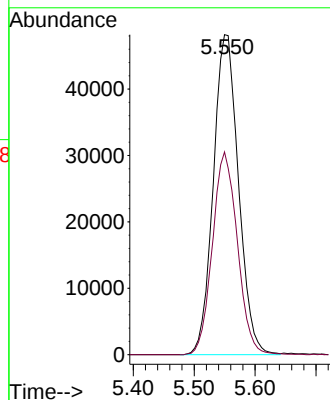
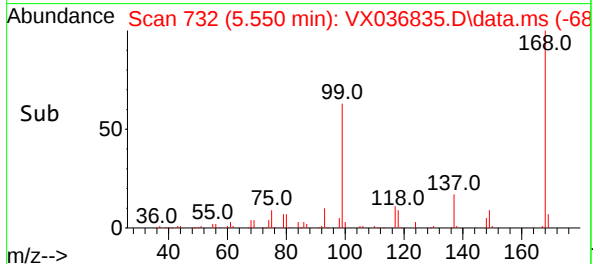


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Instrument :
MSVOA_X
ClientSampleId :
520DL

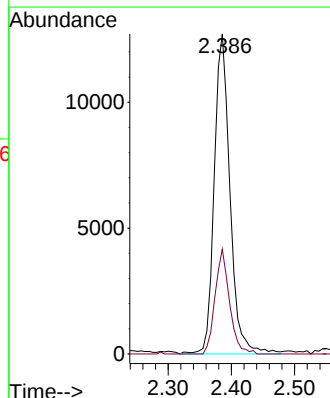
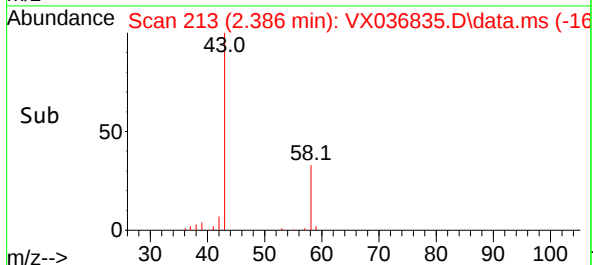
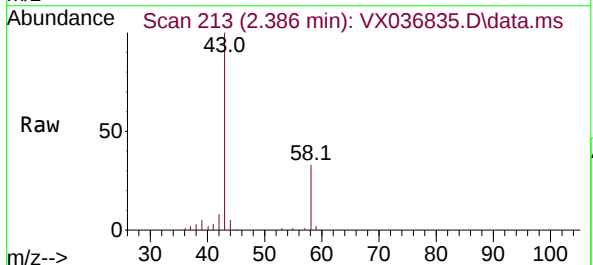


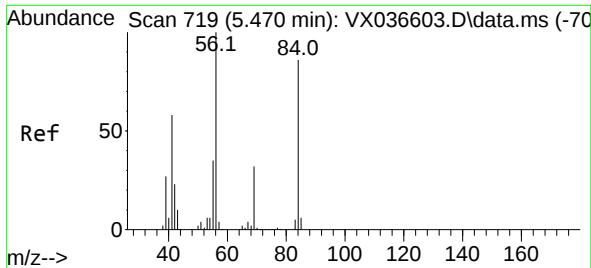
Tgt Ion:168 Resp: 138277
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#16
Acetone
Concen: 25.921 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion: 43 Resp: 22007
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

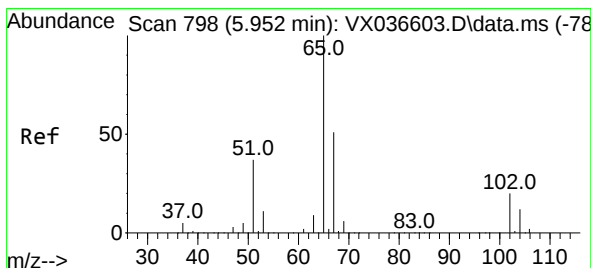
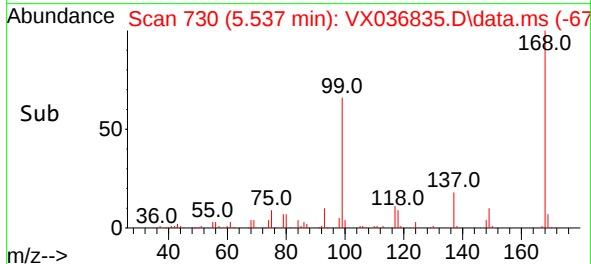
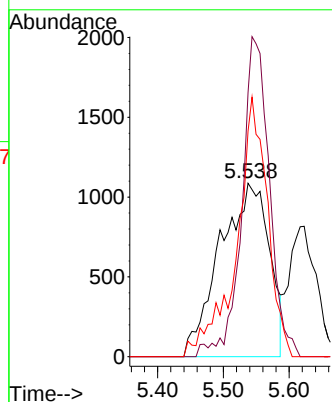
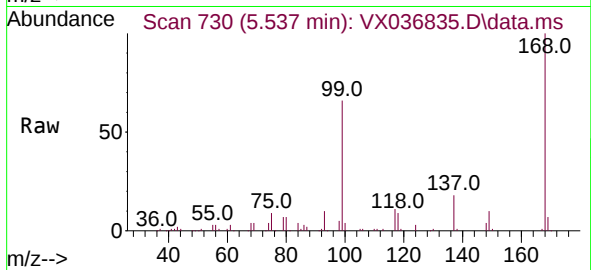




#31
Cyclohexane
Concen: 1.988 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

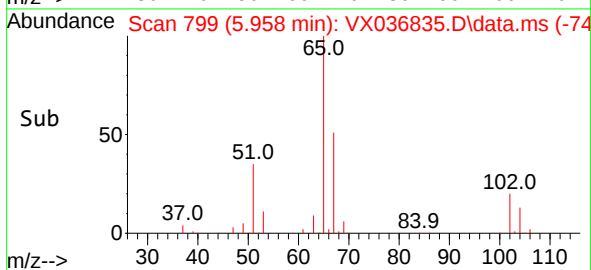
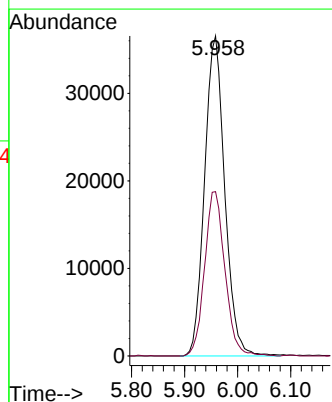
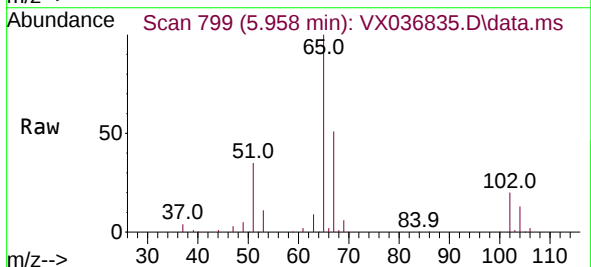
Instrument :
MSVOA_X
ClientSampleId :
520DL

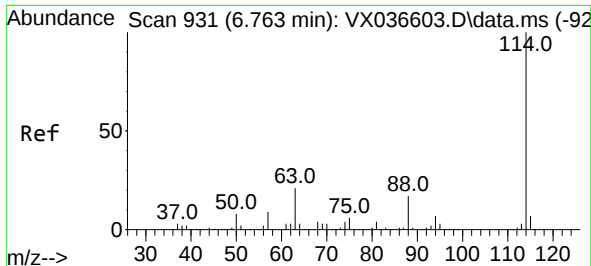
Tgt Ion: 56 Resp: 5633
Ion Ratio Lower Upper
56 100
69 152.2 23.4 35.2#
84 130.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.232 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion: 65 Resp: 96637
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

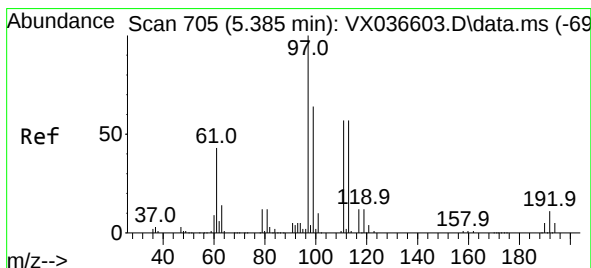
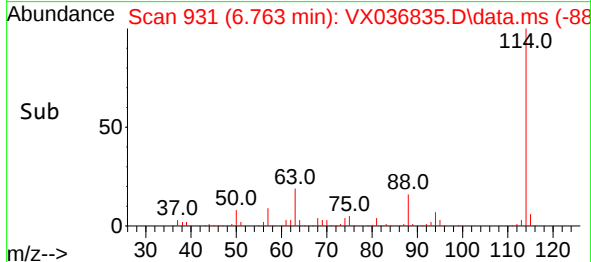
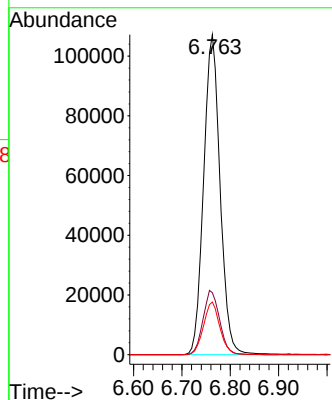
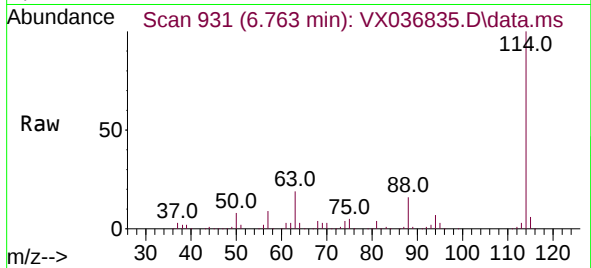




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

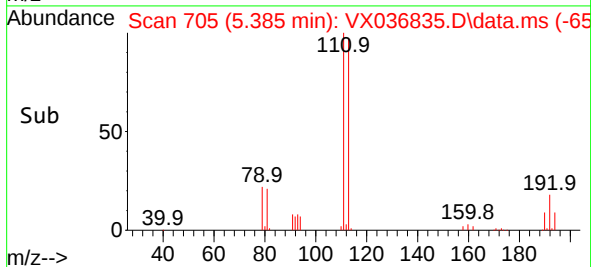
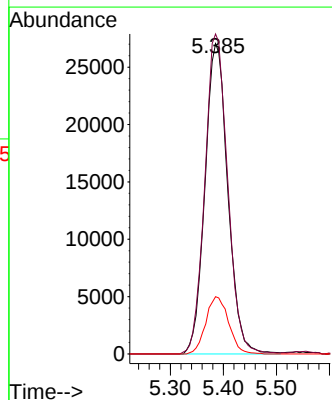
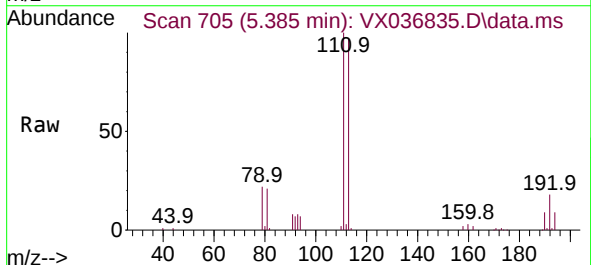
Instrument :
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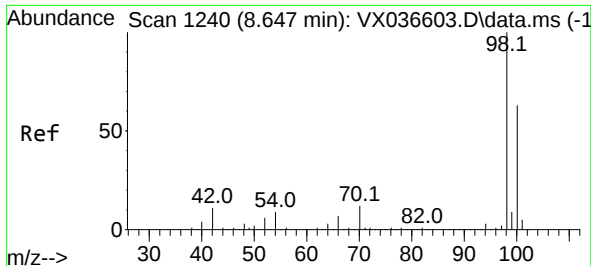
Tgt Ion:114 Resp: 253179
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion:113 Resp: 80967
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.4 13.3 19.9

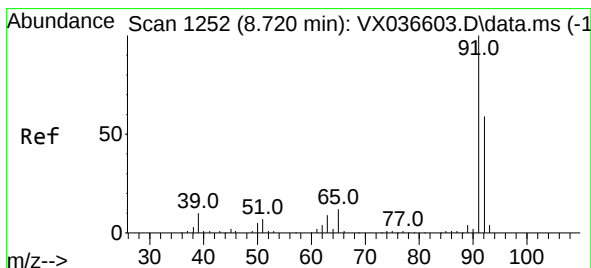
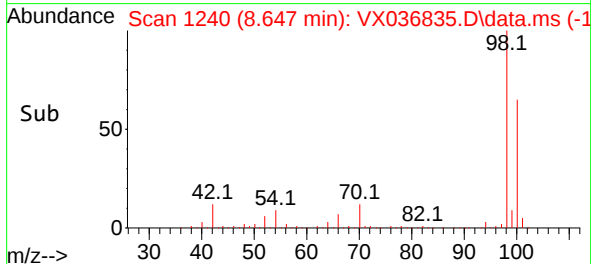
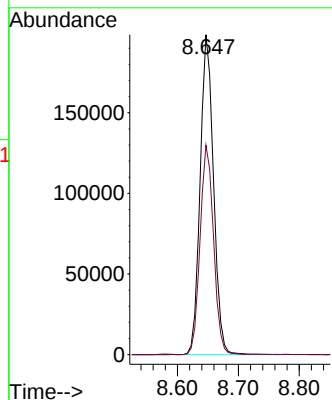
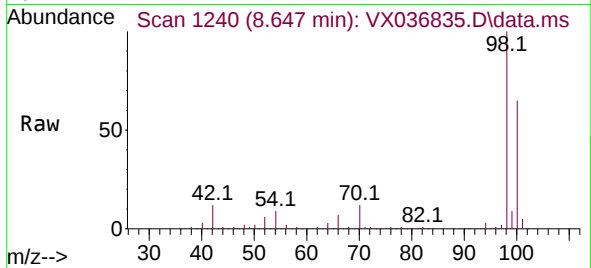




#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

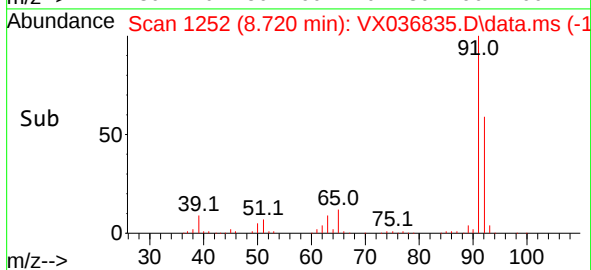
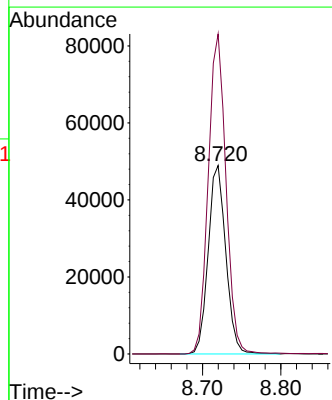
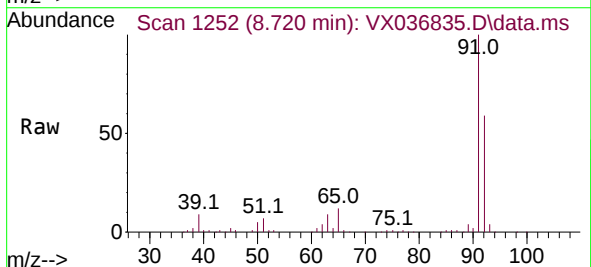
Instrument :
MSVOA_X
ClientSampleId :
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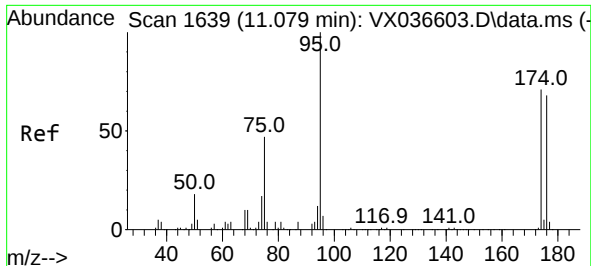
Tgt Ion: 98 Resp: 302794
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#52
Toluene
Concen: 16.141 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion: 92 Resp: 76321
Ion Ratio Lower Upper
92 100
91 171.0 134.2 201.2

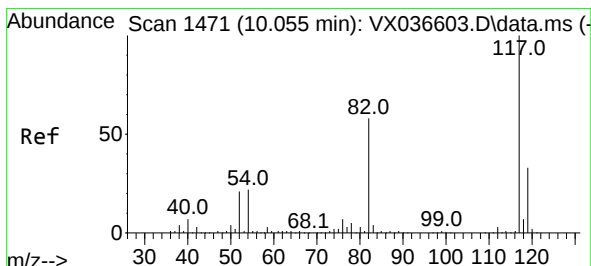
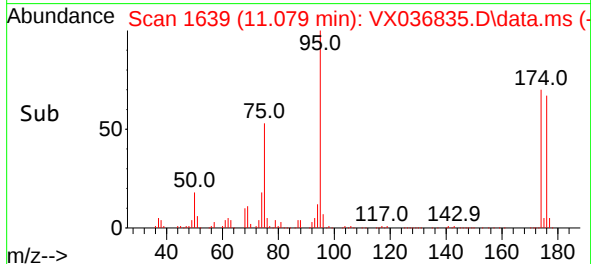
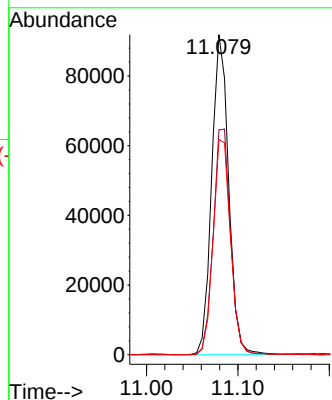
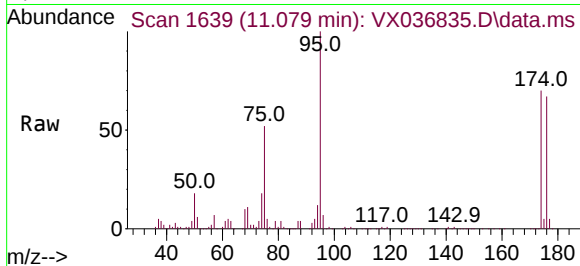




#62
4-Bromofluorobenzene
Concen: 50.678 ug/l
RT: 11.079 min Scan# 117992
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

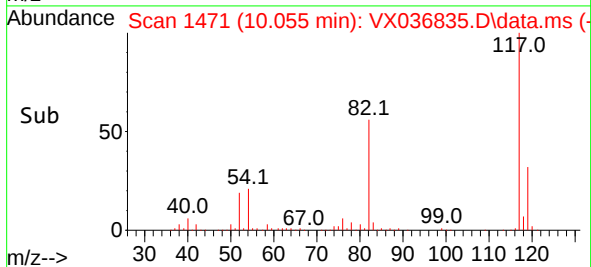
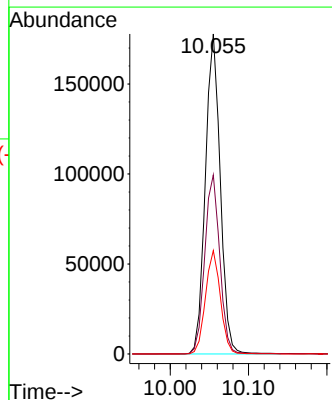
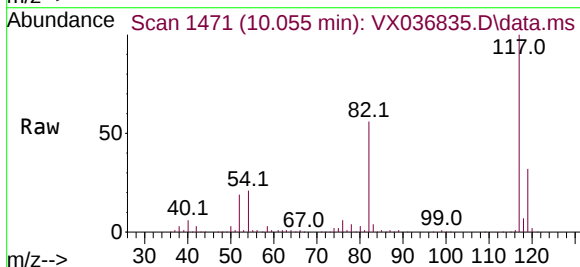
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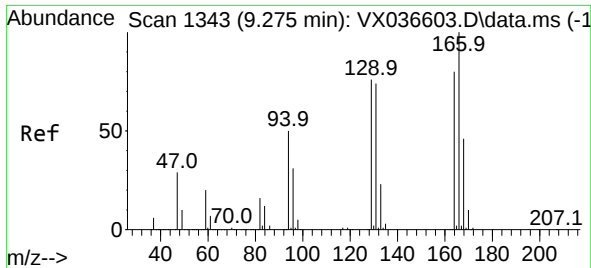
Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	135.6
176	69.4	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.4
119	32.3	25.5	38.3

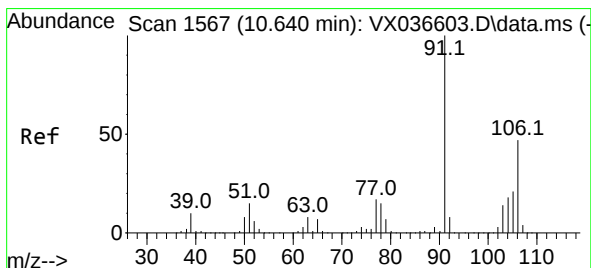
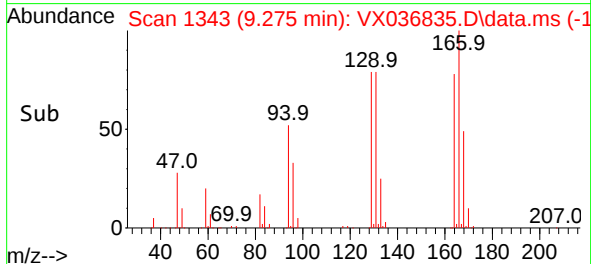
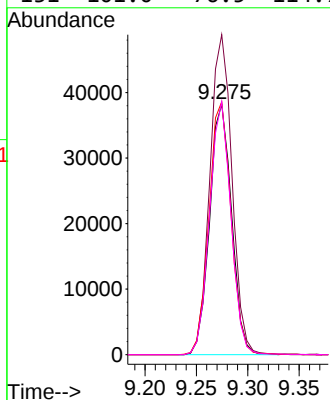
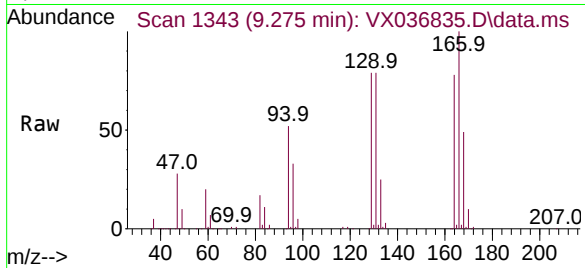




#64
Tetrachloroethene
Concen: 32.503 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

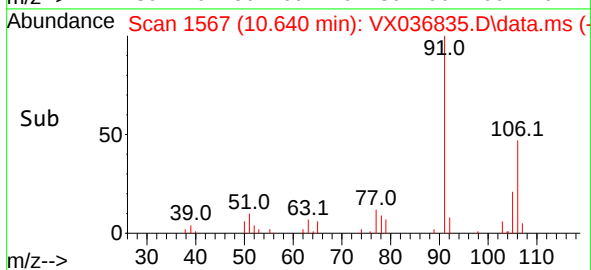
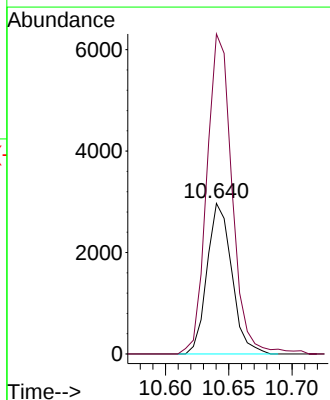
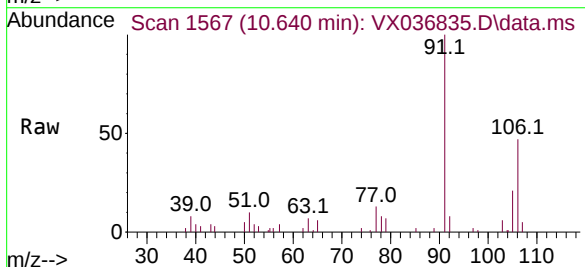
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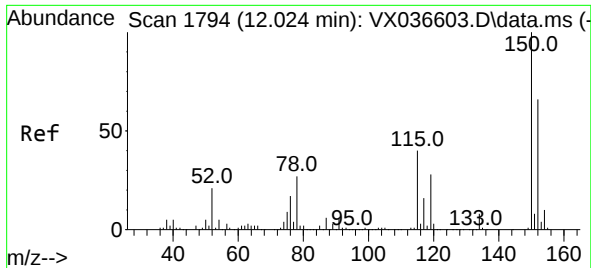
Tgt Ion:164 Resp: 56848
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 101.0 80.4 120.6
131 101.0 76.5 114.7



#69
o-Xylene
Concen: 1.147 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036835.D
Acq: 07 Aug 2023 14:28

Tgt Ion:106 Resp: 4032
Ion Ratio Lower Upper
106 100
91 217.9 108.9 326.8

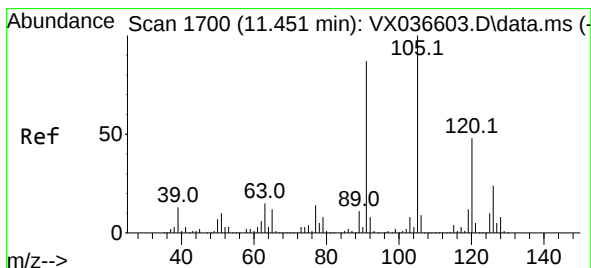
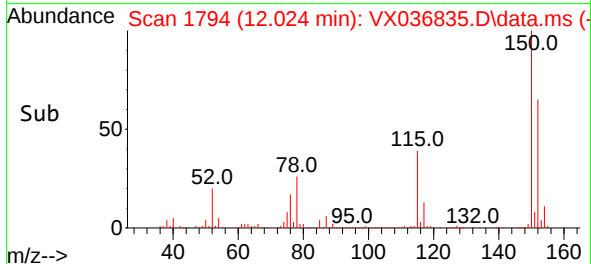
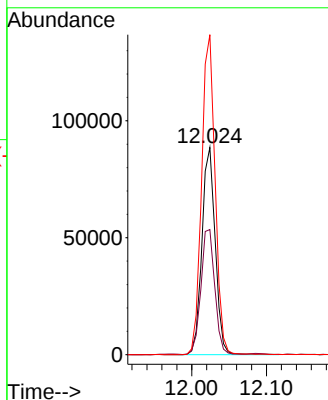
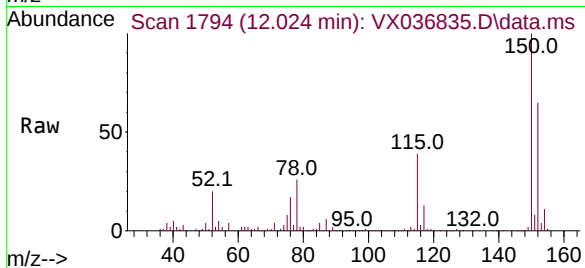




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036835.D
 Acq: 07 Aug 2023 14:28

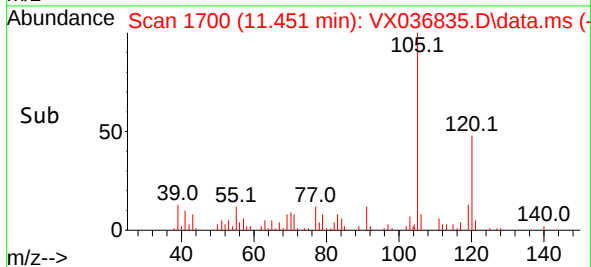
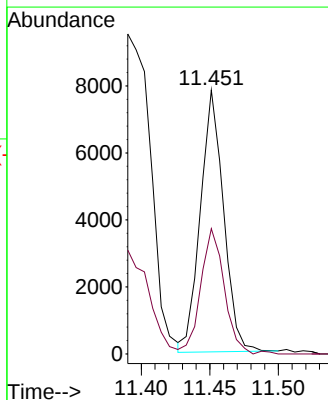
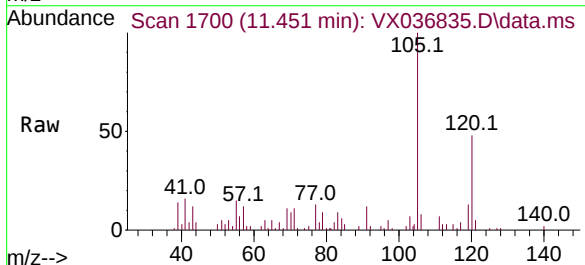
Instrument :
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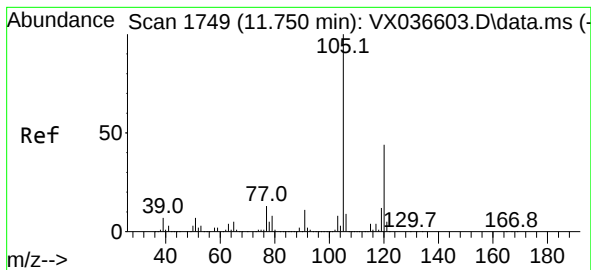
Tgt Ion:152 Resp: 109512
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 156.6 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.215 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX036835.D
 Acq: 07 Aug 2023 14:28

Tgt Ion:105 Resp: 9211
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 4.096 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036835.D

Acq: 07 Aug 2023 14:28

Instrument :

MSVOA_X

ClientSampleId :

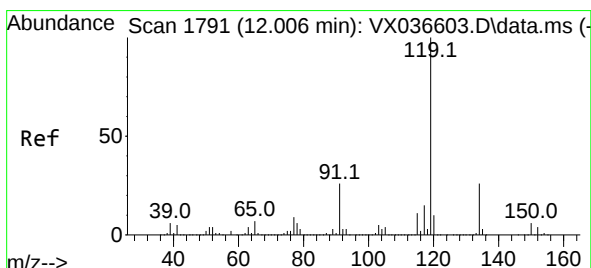
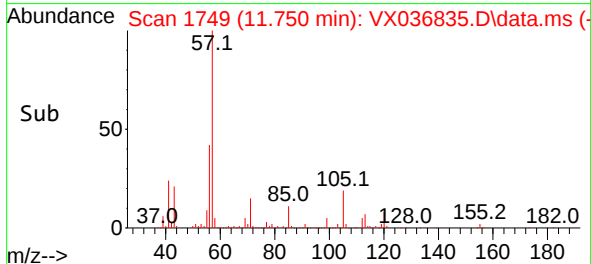
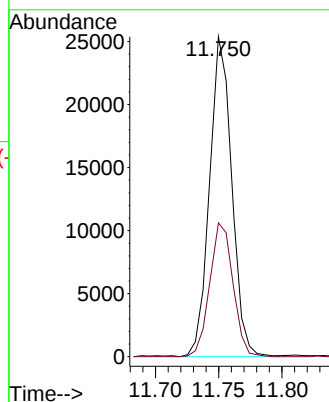
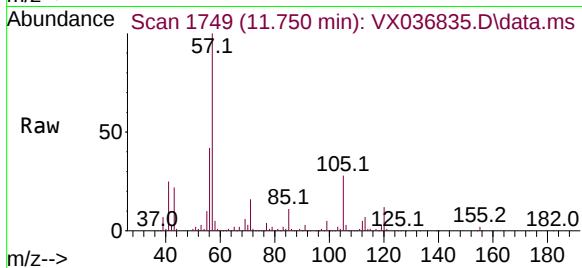
520DL

Tgt Ion:105 Resp: 31056

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6



#86

p-Isopropyltoluene

Concen: 1.529 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX036835.D

Acq: 07 Aug 2023 14:28

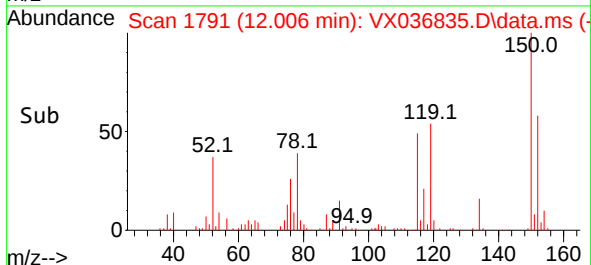
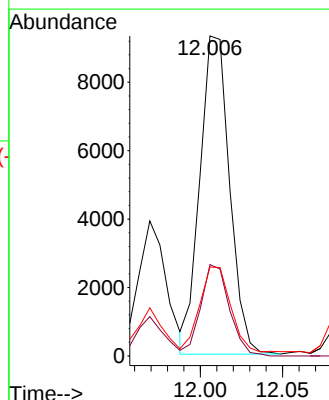
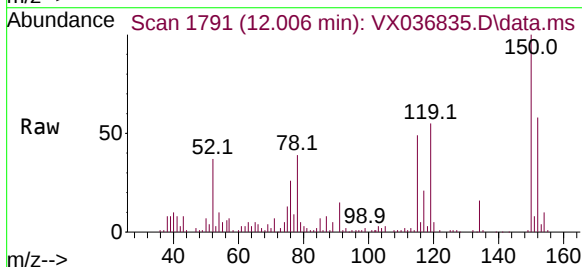
Tgt Ion:119 Resp: 11690

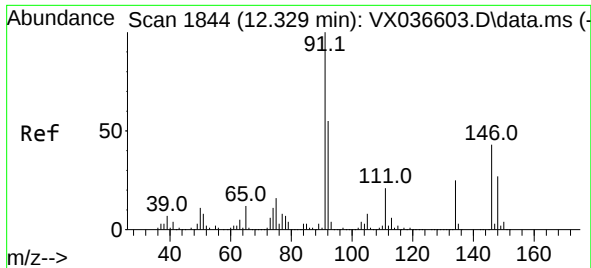
Ion Ratio Lower Upper

119 100

134 27.7 12.8 38.3

91 27.4 13.1 39.3





#89
 n-Butylbenzene
 Concen: 1.477 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036835.D
 Acq: 07 Aug 2023 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 520DL

Tgt Ion: 91	Resp:	10104
Ion	Ratio	Lower Upper
91	100	
92	41.8	27.4 82.0
134	79.9	12.6 37.8#

