

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039601.D
 Acq On : 03 Jan 2024 14:51
 Operator : JC/MD
 Sample : P1002-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1213

Quant Time: Jan 04 03:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

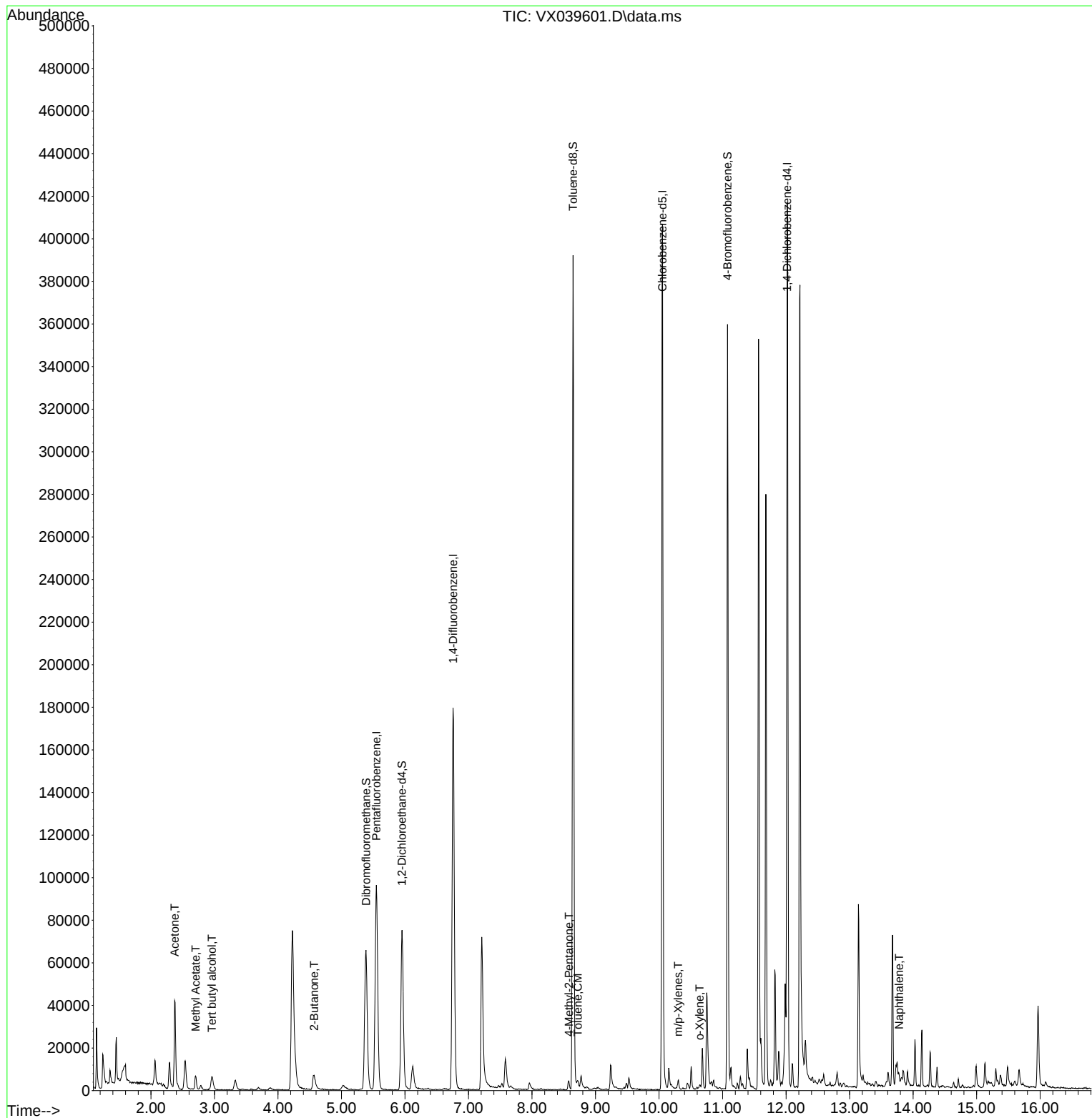
Internal Standards						
1) Pentafluorobenzene	5.550	168	83833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72237	47.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	58412	47.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.647	98	221417	48.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	94020	49.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	8154	21.143	ug/l #	90
16) Acetone	2.373	43	43831	28.348	ug/l	93
18) Methyl Acetate	2.703	43	8749	2.634	ug/l	94
25) 2-Butanone	4.568	43	14545	10.975	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	2982	1.200	ug/l	100
52) Toluene	8.720	92	1275	0.385	ug/l	91
68) m/p-Xylenes	10.299	106	940	0.364	ug/l	99
69) o-Xylene	10.640	106	534	0.214	ug/l	88
95) Naphthalene	13.780	128	1327	0.226	ug/l	96

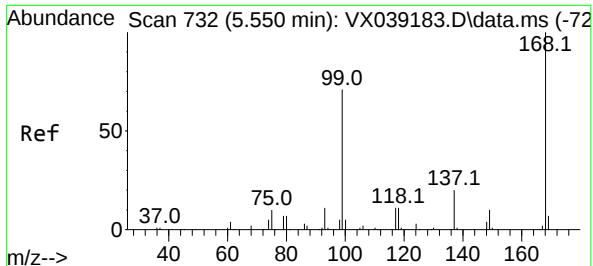
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1213

Quant Time: Jan 04 03:32:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

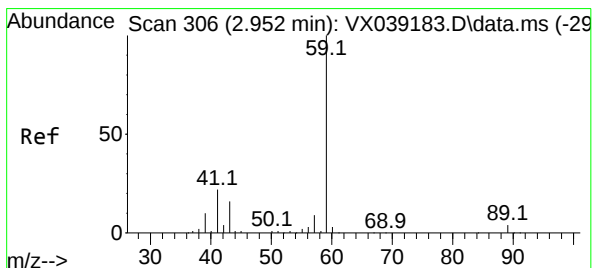
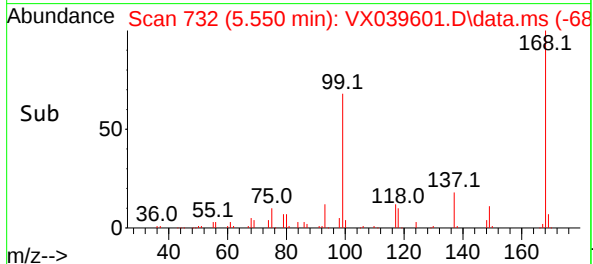
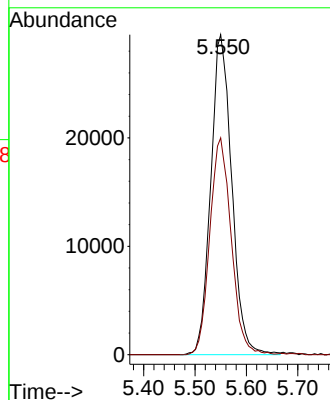
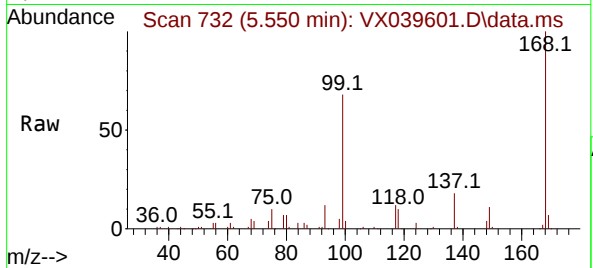




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

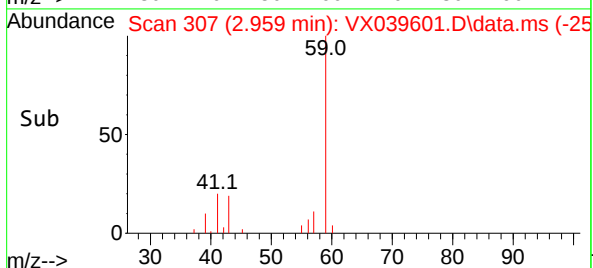
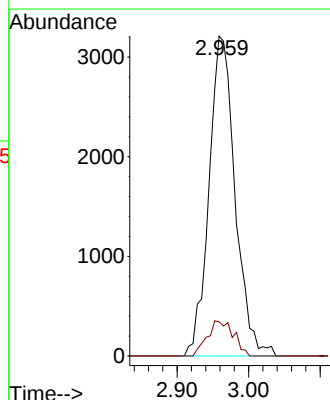
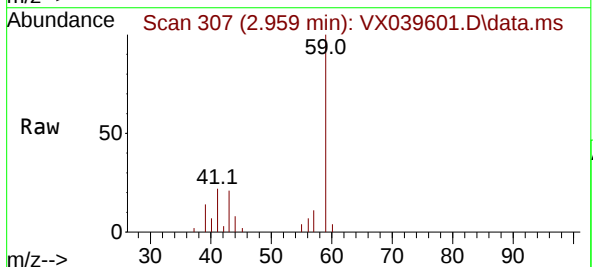
Instrument :
MSVOA_X
ClientSampleId :
1213

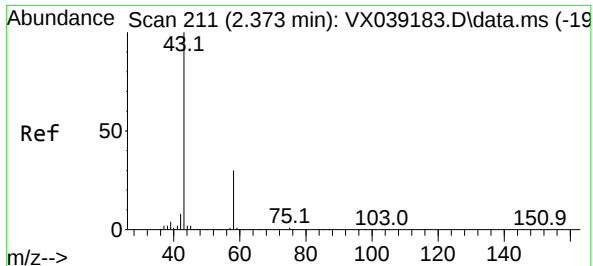
Tgt Ion:168 Resp: 83833
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 21.143 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 59 Resp: 8154
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#

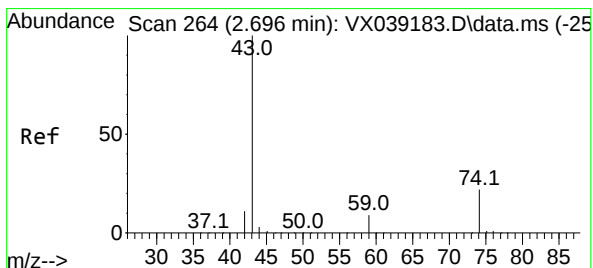
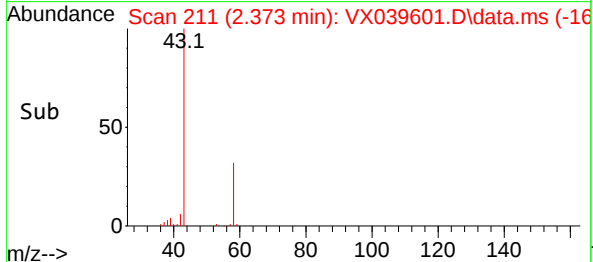
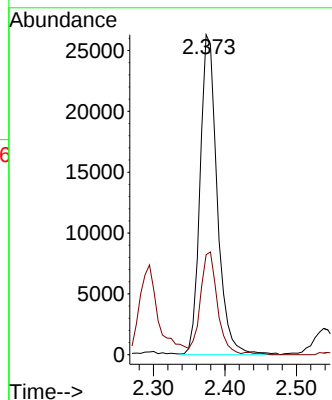
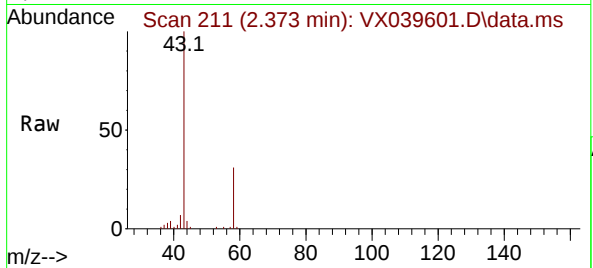




#16
Acetone
Concen: 28.348 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

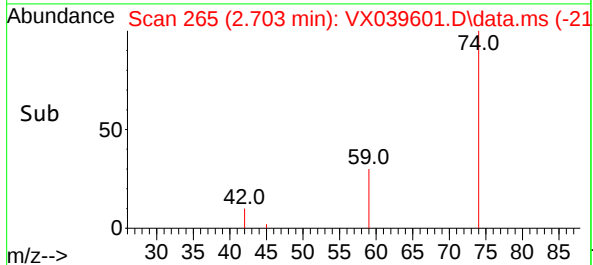
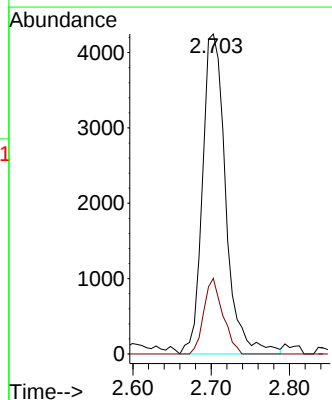
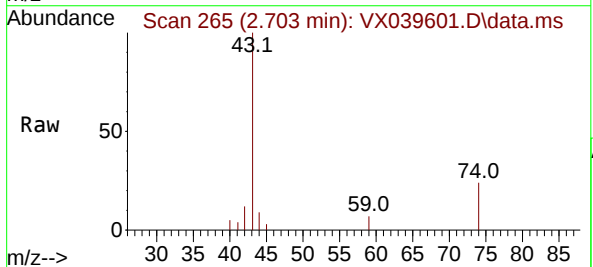
Instrument :
MSVOA_X
ClientSampleId :
1213

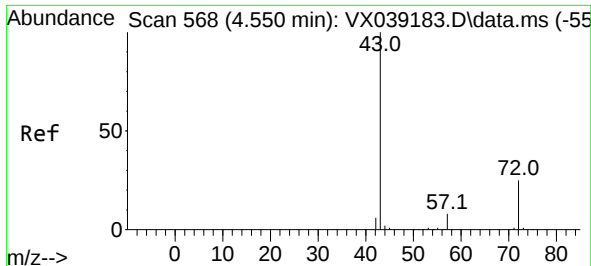
Tgt Ion: 43 Resp: 43831
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



#18
Methyl Acetate
Concen: 2.634 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 43 Resp: 8749
Ion Ratio Lower Upper
43 100
74 19.3 17.8 26.8





#25

2-Butanone

Concen: 10.975 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX039601.D

Acq: 03 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

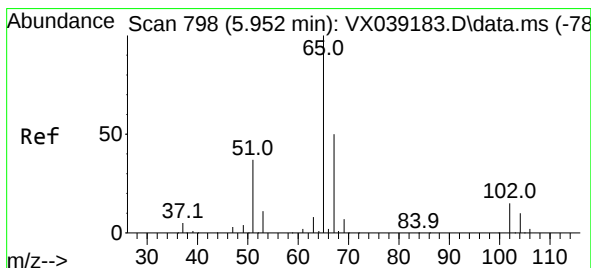
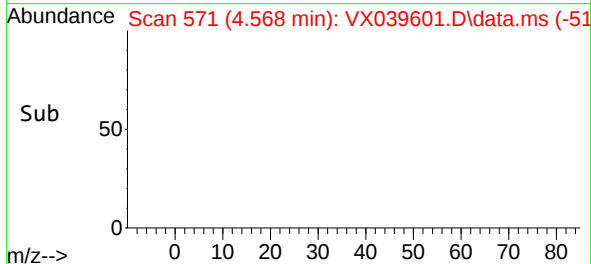
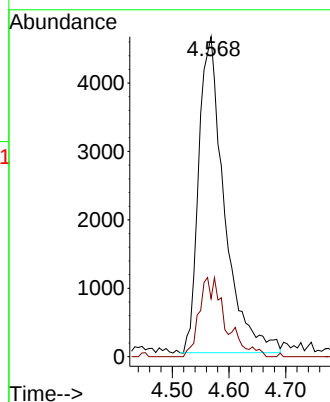
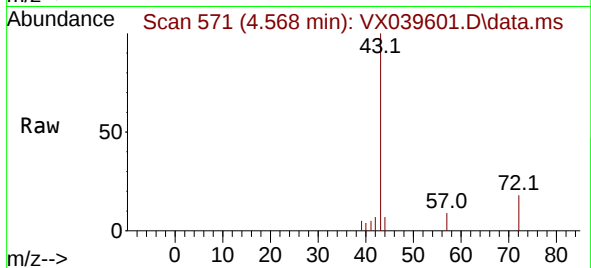
1213

Tgt Ion: 43 Resp: 14545

Ion Ratio Lower Upper

43 100

72 18.4 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 47.037 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039601.D

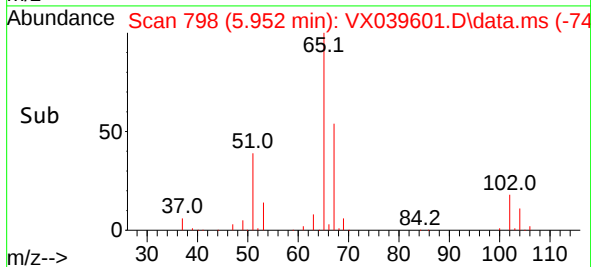
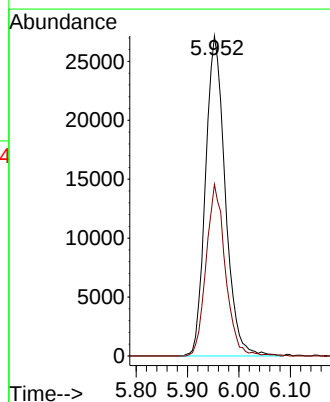
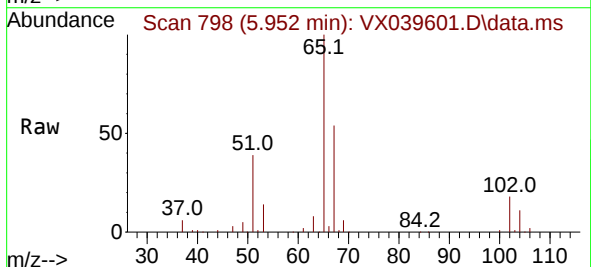
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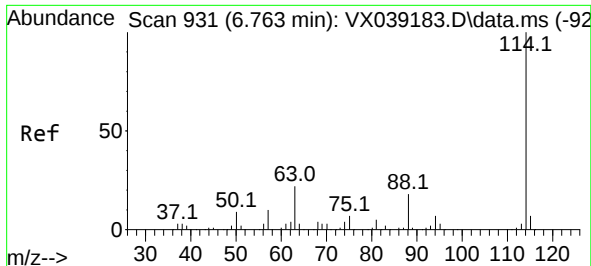
Tgt Ion: 65 Resp: 72237

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2

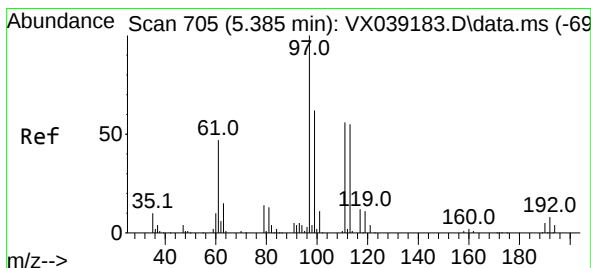
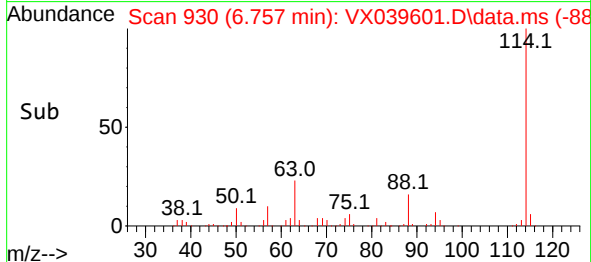
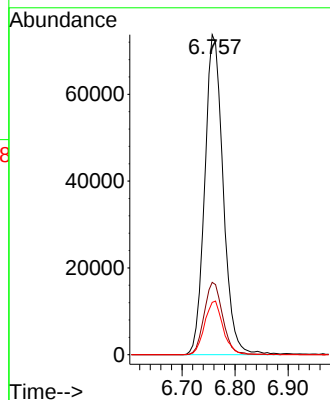
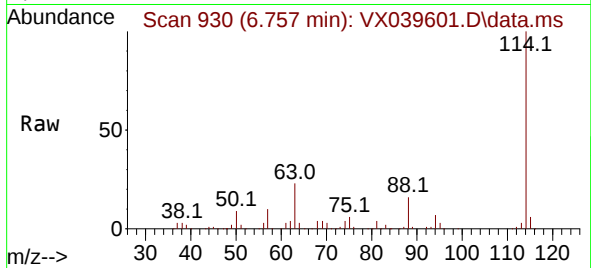




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

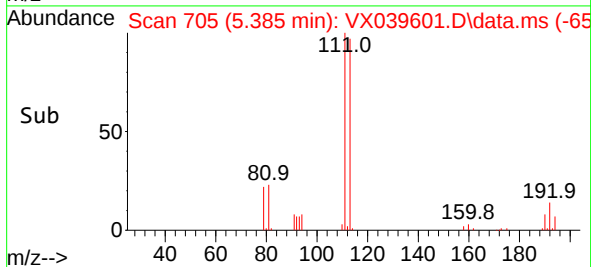
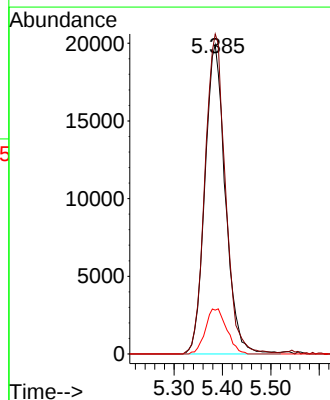
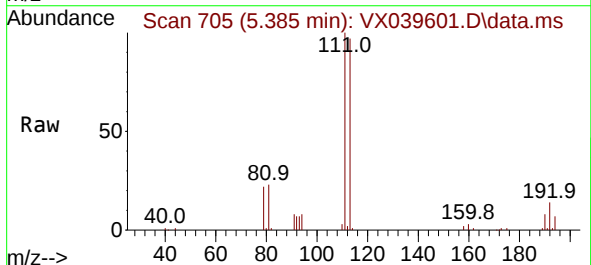
Instrument :
MSVOA_X
ClientSampleId :
1213

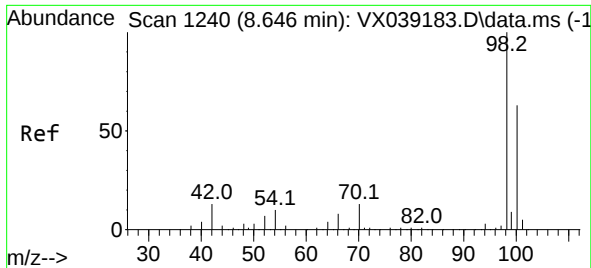
Tgt Ion:114 Resp: 178092
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion:113 Resp: 58412
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 15.2 13.3 19.9

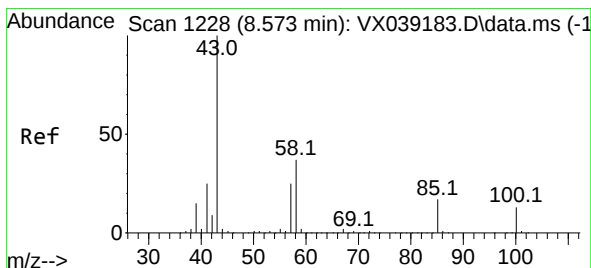
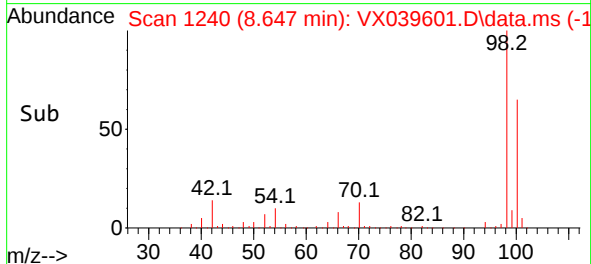
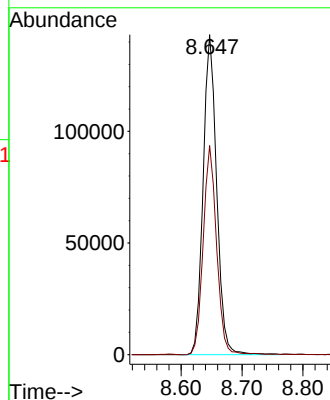
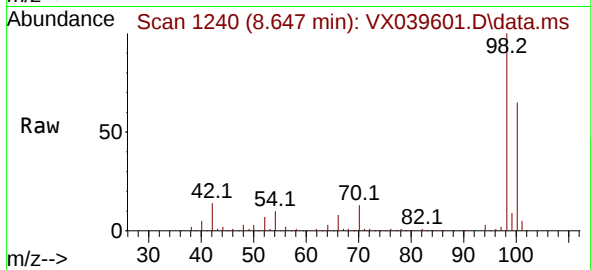




#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

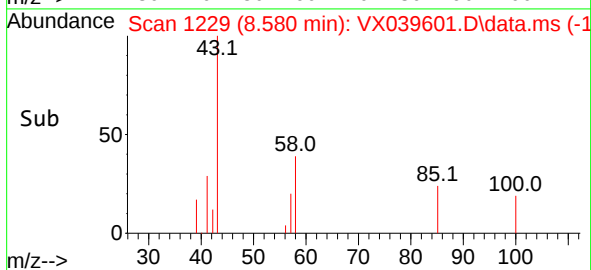
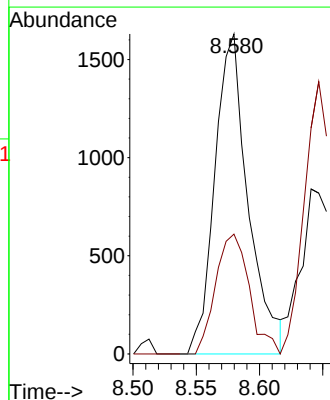
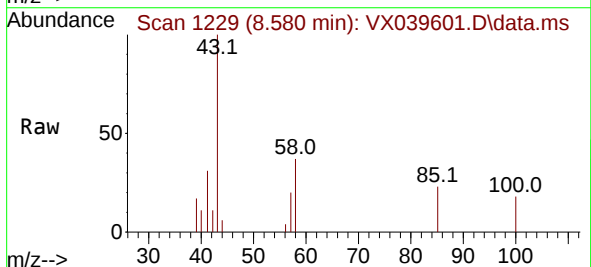
Instrument :
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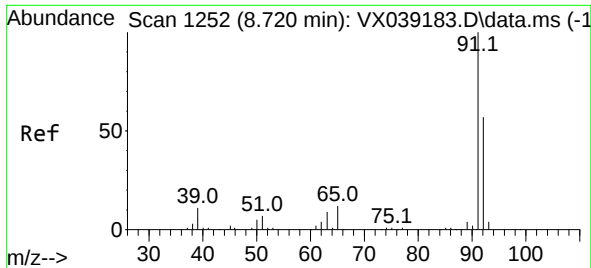
Tgt Ion: 98 Resp: 221417
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.200 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

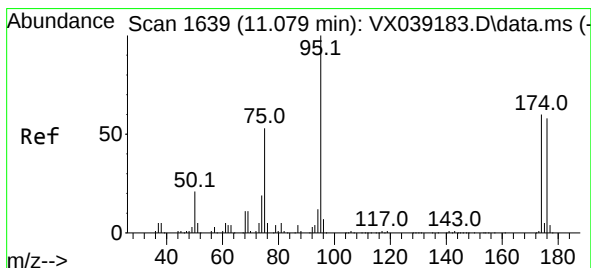
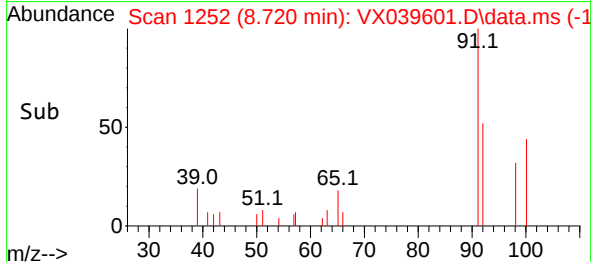
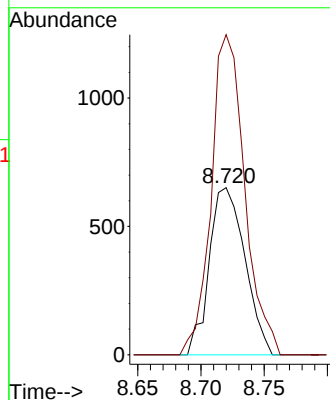
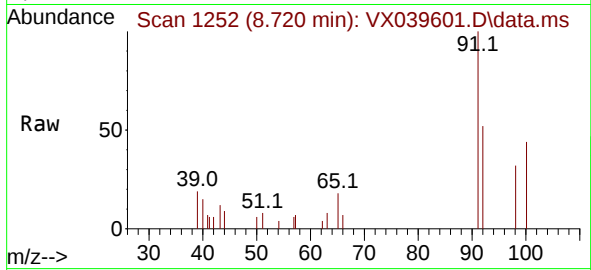




#52
Toluene
Concen: 0.385 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

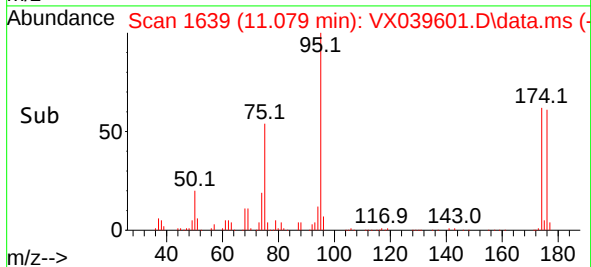
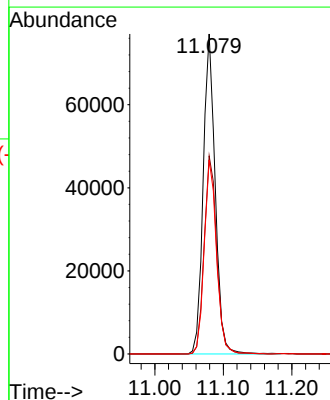
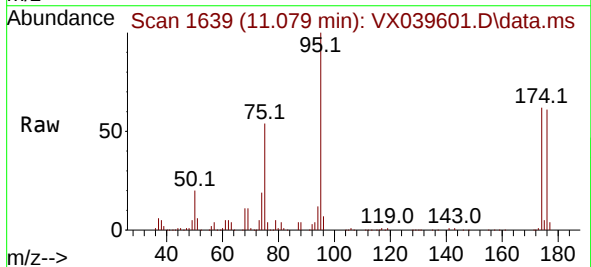
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ClientSampleId :
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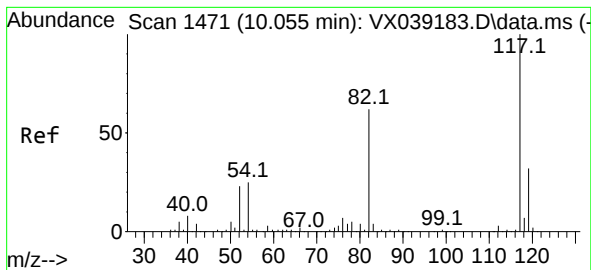
Tgt Ion: 92 Resp: 1275
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 95 Resp: 94020
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 62.3 0.0 131.0

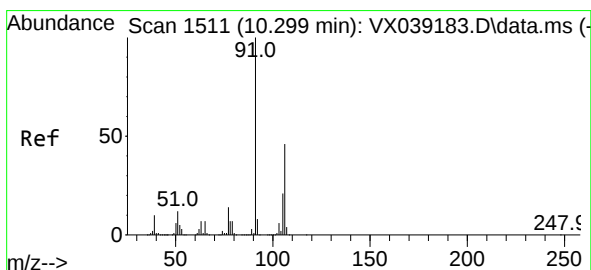
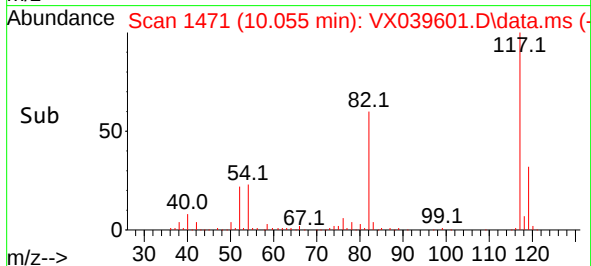
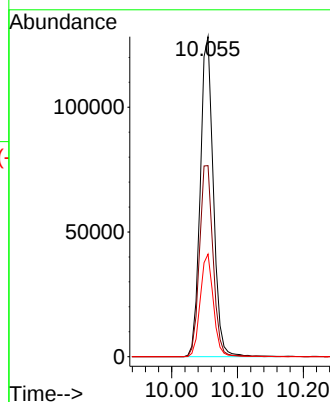
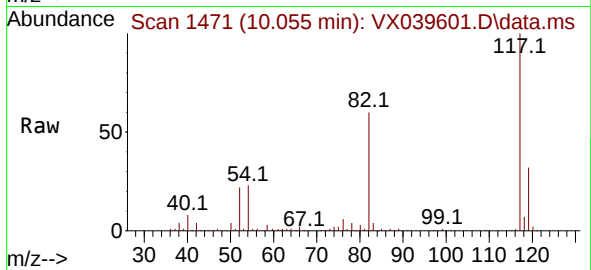




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

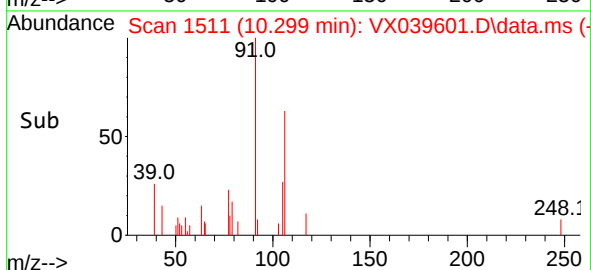
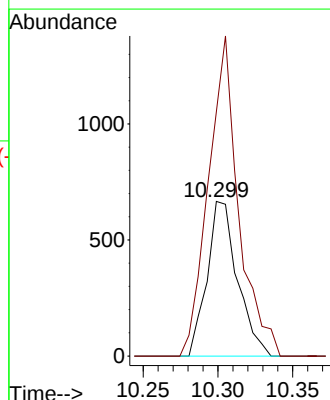
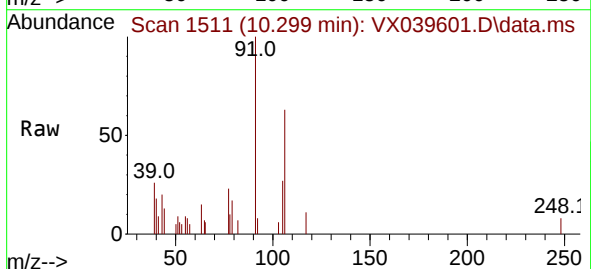
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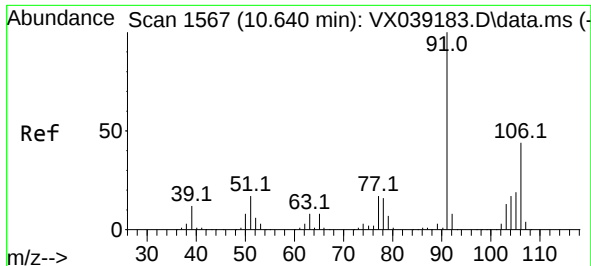
Tgt Ion:117 Resp: 177420
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.364 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 205.9 165.5 248.3

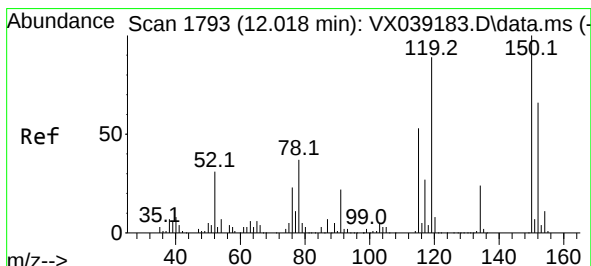
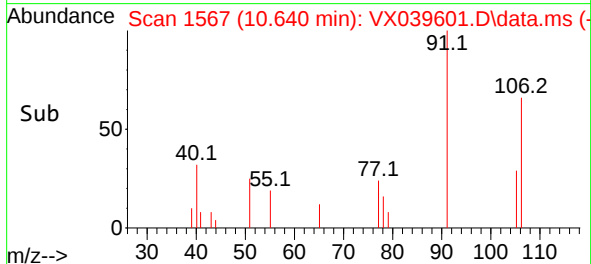
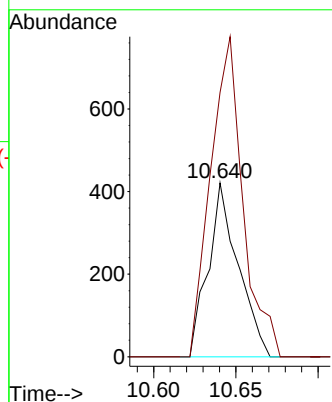
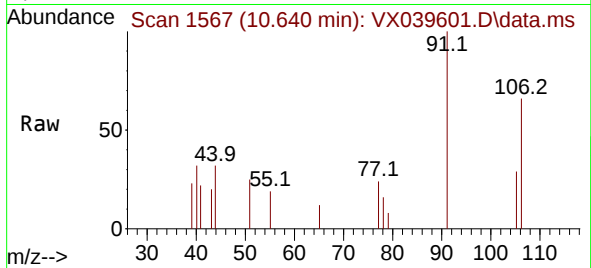




#69
o-Xylene
Concen: 0.214 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

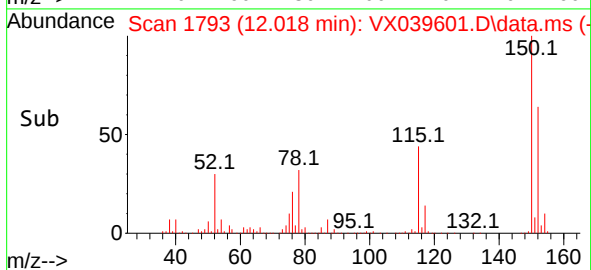
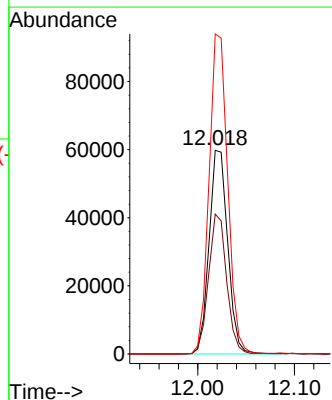
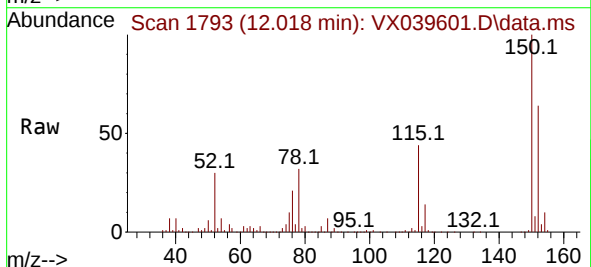
Instrument :
MSVOA_X
ClientSampleId :
1213

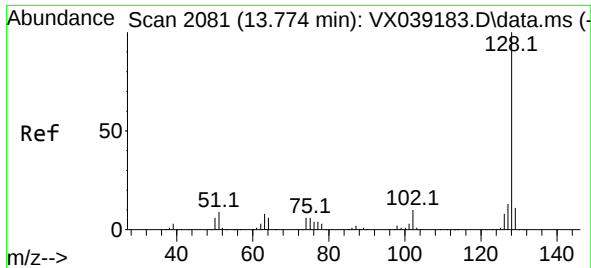
Tgt Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 198.3 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

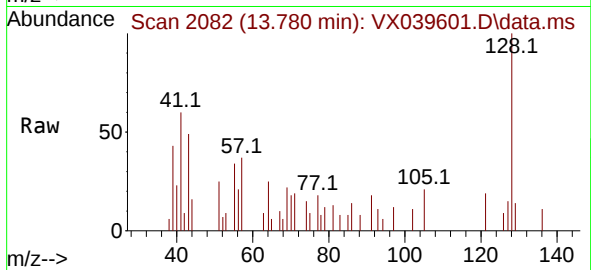
Tgt Ion:152 Resp: 80276
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 156.5 0.0 345.0





#95
Naphthalene
Concen: 0.226 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
1213



Tgt Ion:128 Resp: 1327
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 9.6 8.8 13.2

