

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039956.D
 Acq On : 2 Dec 2022 00:12
 Operator : SY/MD
 Sample : N5826-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENTDL

Quant Time: Dec 02 05:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

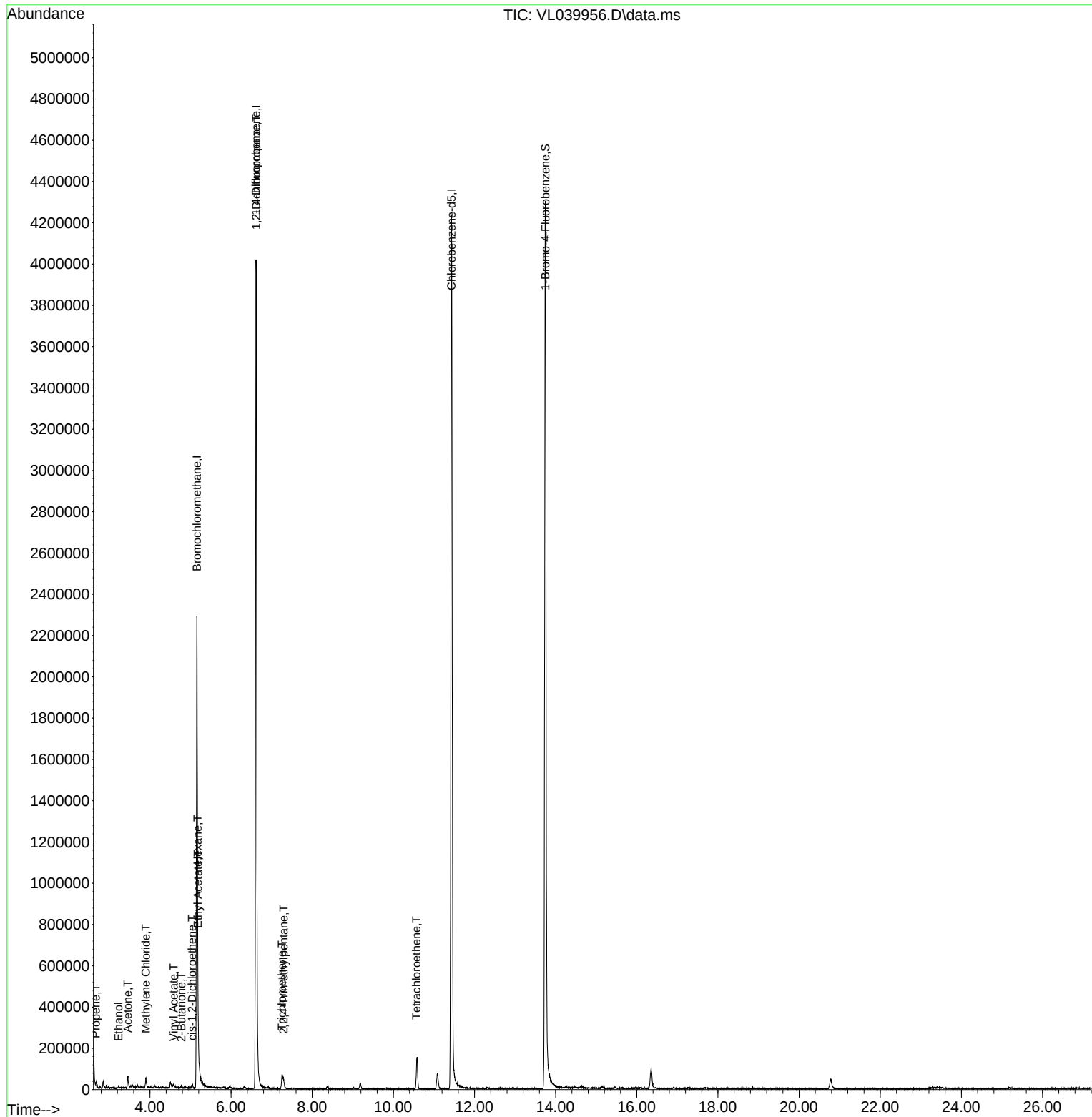
Internal Standards						
1) Bromochloromethane	5.156	49	1124379	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.616	114	3178222	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2875705	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2254229	10.263	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
9) Propene	2.668	41	3667	0.050	ppbv #	15
13) Ethanol	3.227	45	5495	0.985	ppbv #	60
15) Acetone	3.452	43	45909	0.308	ppbv	96
20) Methylene Chloride	3.899	84	11330	0.157	ppbv	92
23) Vinyl Acetate	4.587	43	2524	0.041	ppbv #	60
25) Ethyl Acetate	5.182	43	99718	0.364	ppbv #	90
26) Hexane	5.176	57	3751	0.031	ppbv #	1
31) cis-1,2-Dichloroethene	5.037	61	4137	0.037	ppbv #	90
34) 2-Butanone	4.774	43	4784	0.031	ppbv #	75
38) Trichloroethene	7.253	130	9514	0.063	ppbv	86
39) 1,2-Dichloropropane	6.619	63	758988	7.211	ppbv #	27
44) 2,2,4-Trimethylpentane	7.295	57	37853	0.084	ppbv #	75
52) Tetrachloroethene	10.571	164	12315	0.122	ppbv	94

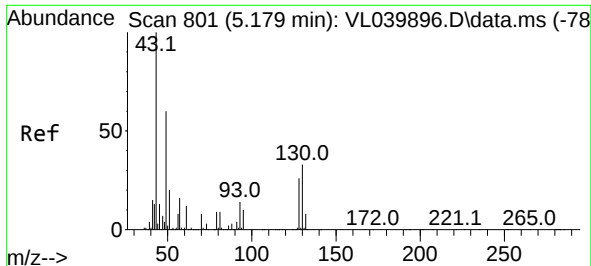
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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H302022-INFLUENTDL

Quant Time: Dec 02 05:36:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

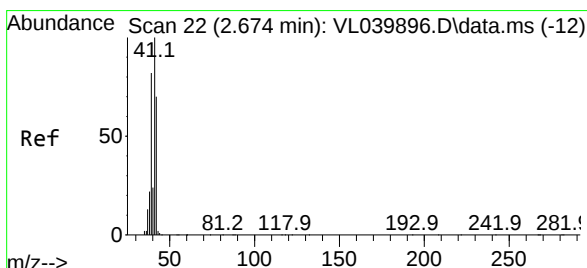
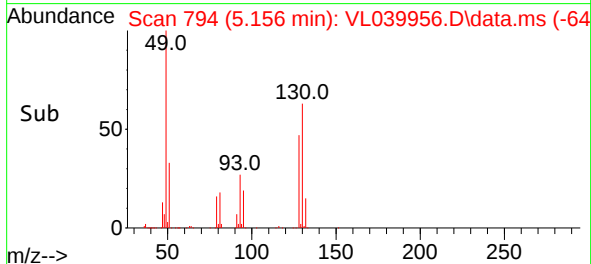
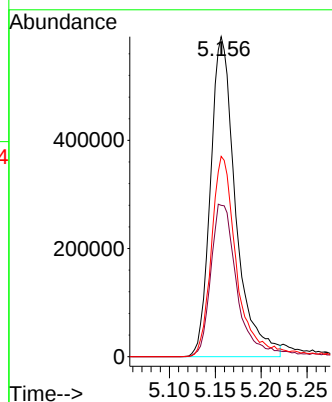
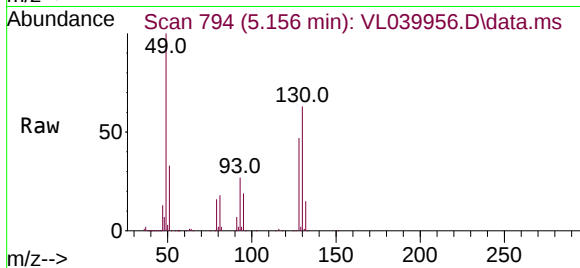




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. -0.017 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

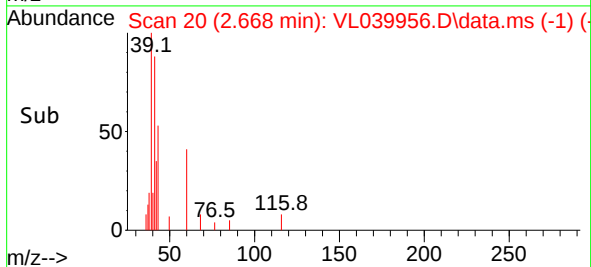
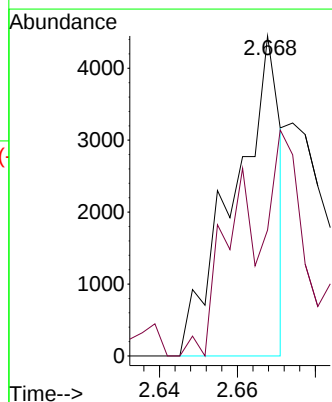
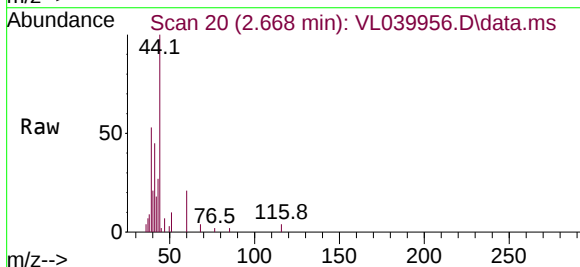
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

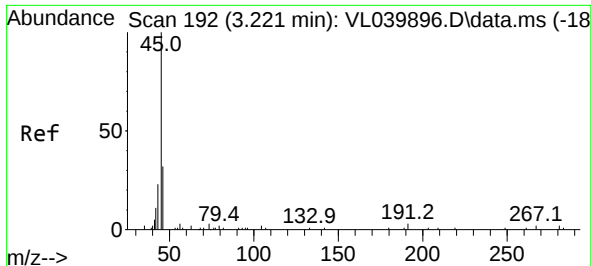
Tgt Ion: 49 Resp: 1124379
Ion Ratio Lower Upper
49 100
128 51.1 22.1 66.3
130 64.7 27.7 83.1



#9
Propene
Concen: 0.050 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion: 41 Resp: 3667
Ion Ratio Lower Upper
41 100
42 0.0 55.8 83.6#

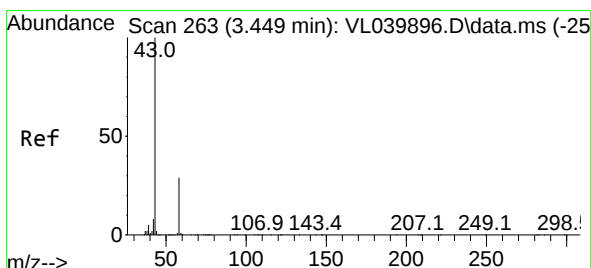
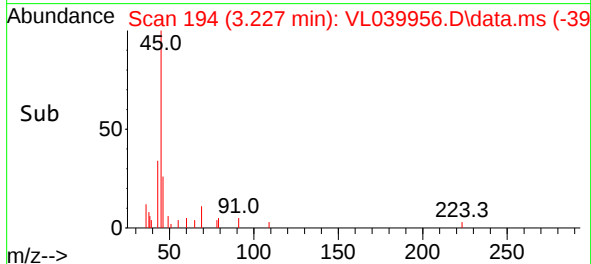
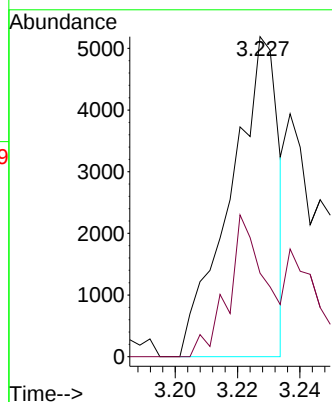
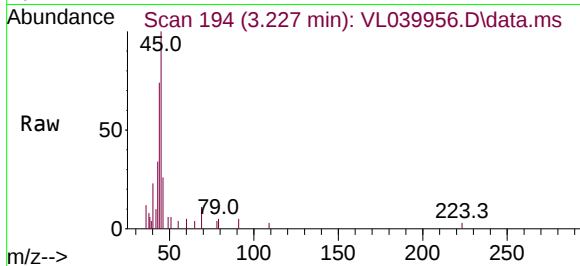




#13
Ethanol
Concen: 0.985 ppbv
RT: 3.227 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

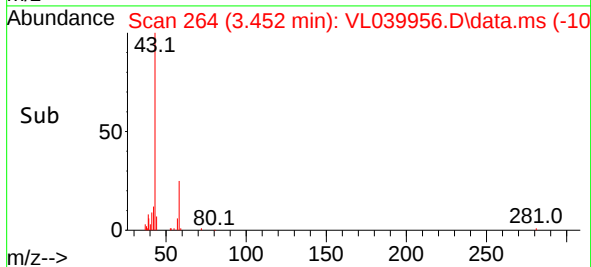
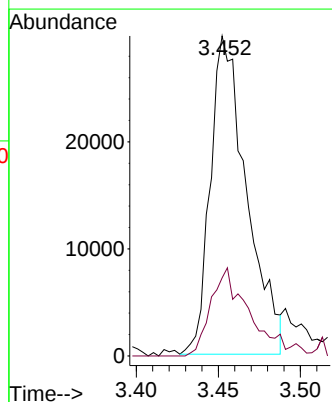
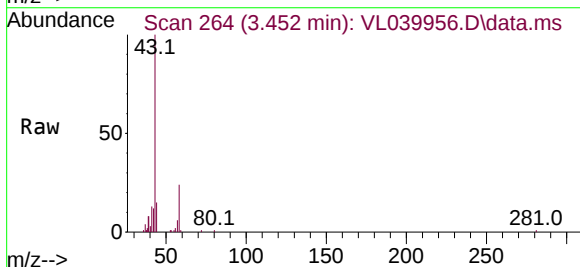
Instrument :
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ClientSampleId :
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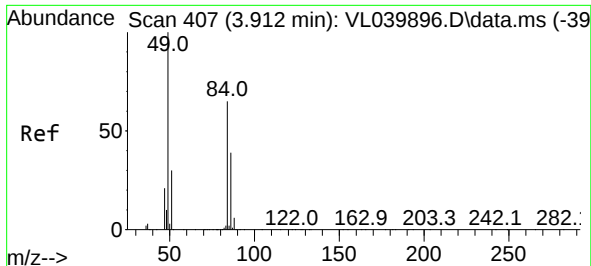
Tgt Ion: 45 Resp: 5495
Ion Ratio Lower Upper
45 100
46 60.0 14.6 58.2#



#15
Acetone
Concen: 0.308 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.006 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

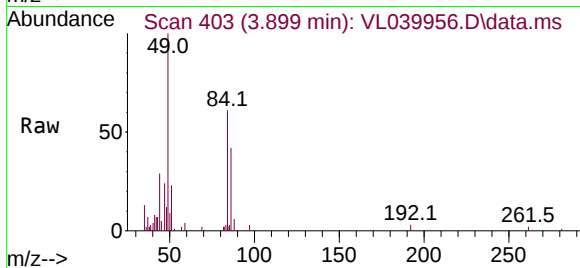
Tgt Ion: 43 Resp: 45909
Ion Ratio Lower Upper
43 100
58 30.9 22.9 34.3





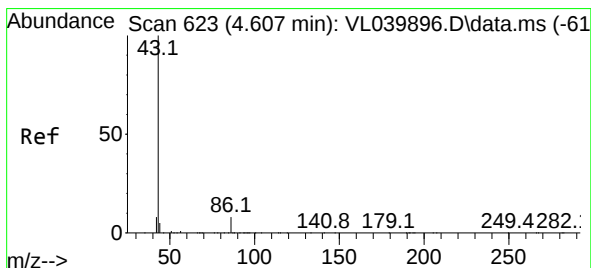
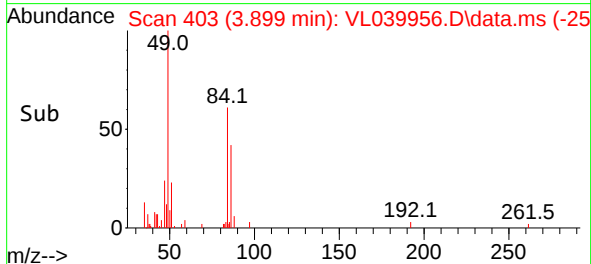
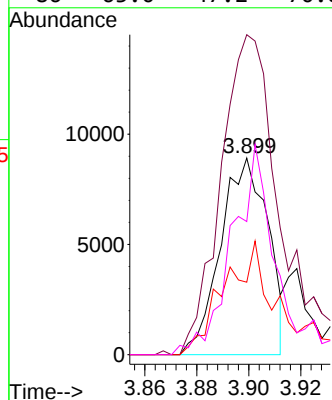
#20
Methylene Chloride
Concen: 0.157 ppbv
RT: 3.899 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL



Tgt Ion: 84 Resp: 11330

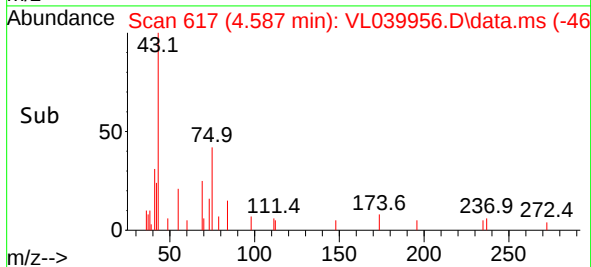
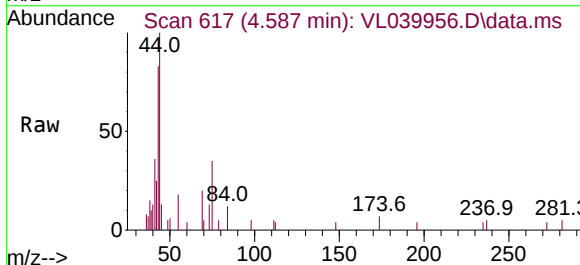
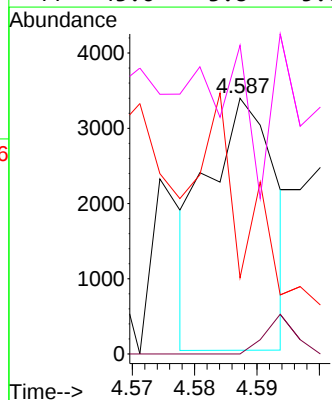
Ion	Ratio	Lower	Upper
84	100		
49	162.7	122.2	183.4
51	36.8	36.3	54.5
86	63.0	47.2	70.8

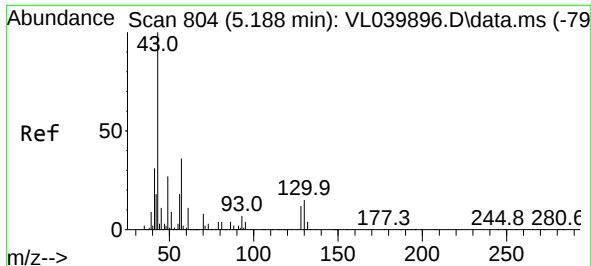


#23
Vinyl Acetate
Concen: 0.041 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.019 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion: 43 Resp: 2524

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	15.3	7.6	11.4#
44	43.6	3.8	5.6#

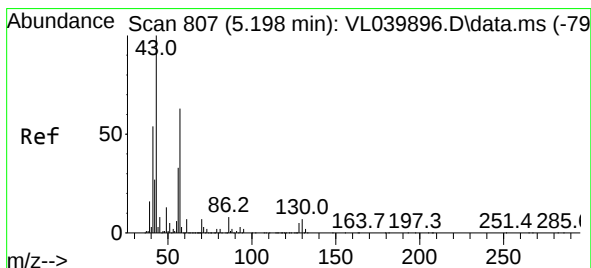
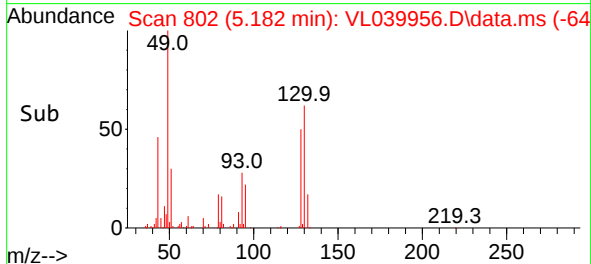
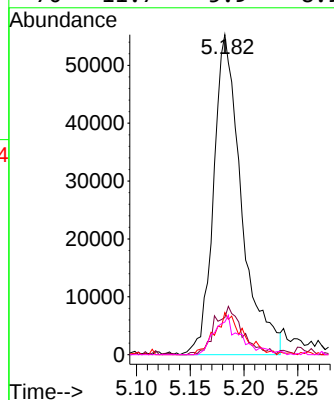
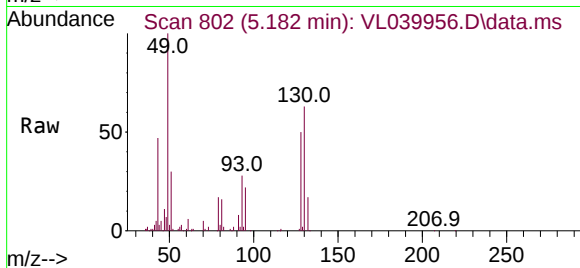




#25
Ethyl Acetate
Concen: 0.364 ppbv
RT: 5.182 min Scan# 800
Delta R.T. -0.003 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

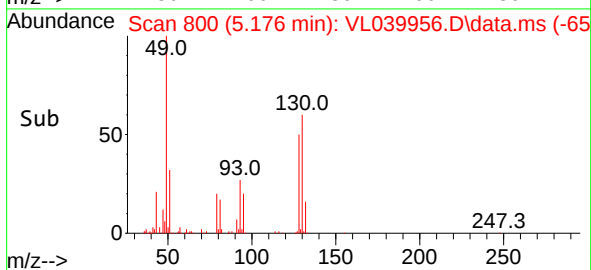
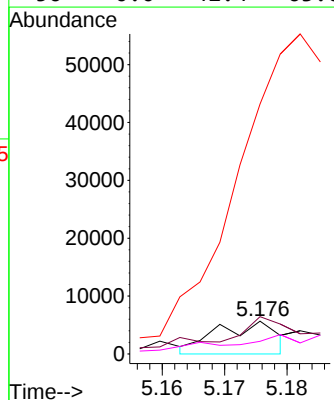
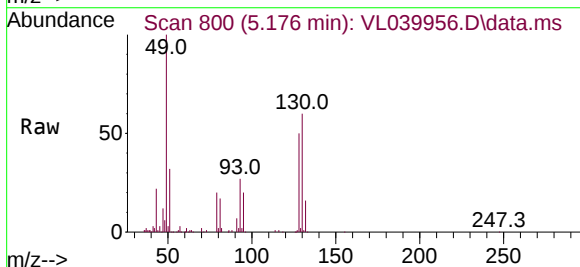
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ClientSampleId :
H302022-INFLUENTDL

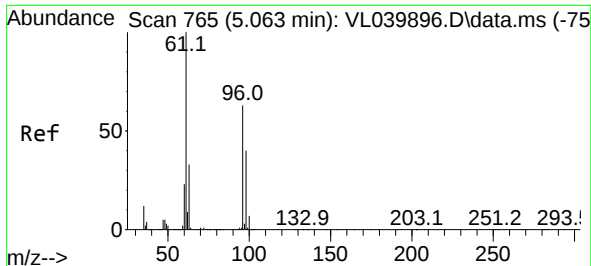
Tgt Ion:	43	Resp:	99718
Ion	Ratio	Lower	Upper
43	100		
45	14.7	8.4	12.6#
61	13.1	8.5	12.7#
70	11.7	5.9	8.9#



#26
Hexane
Concen: 0.031 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.019 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion:	57	Resp:	3751
Ion	Ratio	Lower	Upper
57	100		
41	247.9	72.3	108.5#
43	0.0	188.7	283.1#
56	0.0	42.4	63.6#

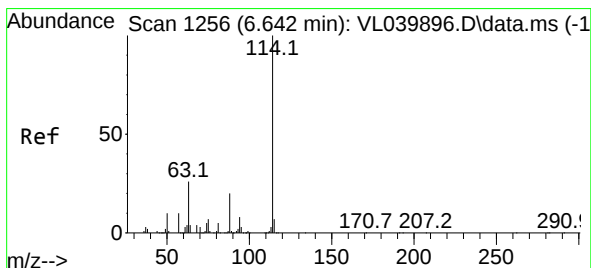
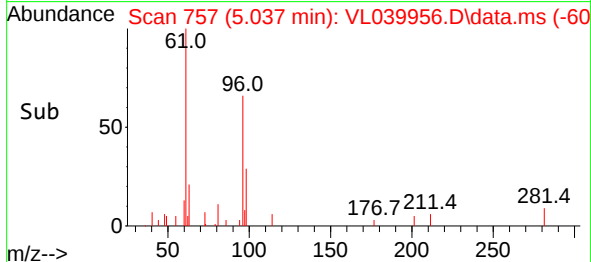
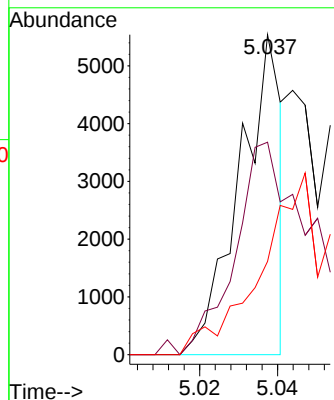
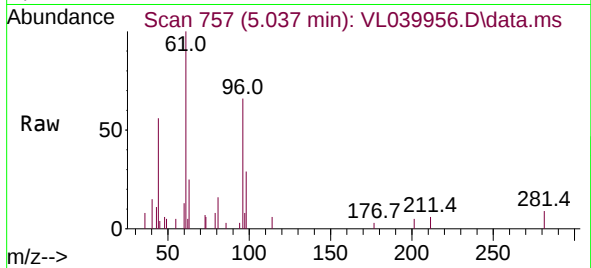




#31
 cis-1,2-Dichloroethene
 Concen: 0.037 ppbv
 RT: 5.037 min Scan# 71
 Delta R.T. -0.019 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

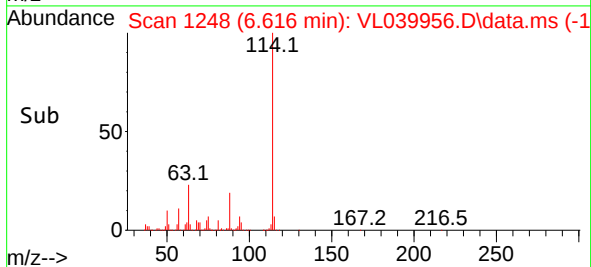
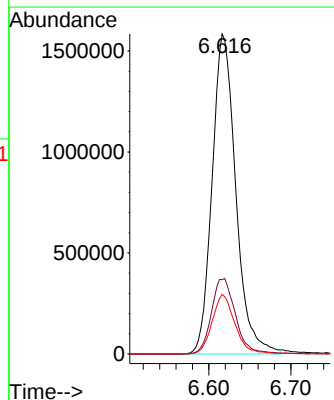
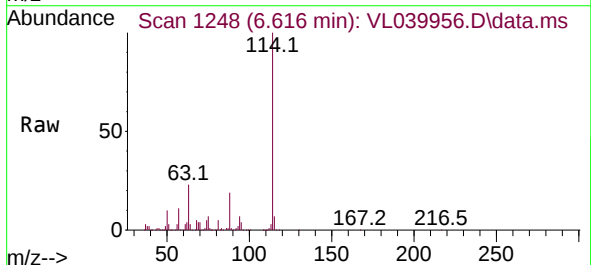
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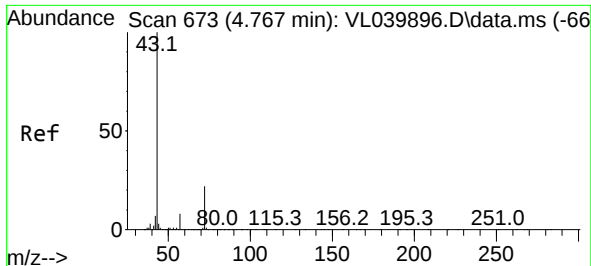
Tgt Ion: 61 Resp: 4137
 Ion Ratio Lower Upper
 61 100
 96 66.4 50.3 75.5
 98 29.2 32.2 48.2#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.616 min Scan# 1248
 Delta R.T. -0.019 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

Tgt Ion: 114 Resp: 3178222
 Ion Ratio Lower Upper
 114 100
 63 24.1 21.4 32.0
 88 18.0 15.3 22.9

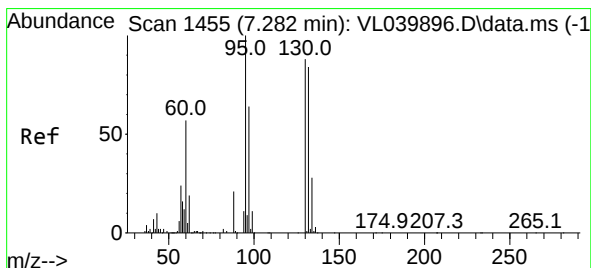
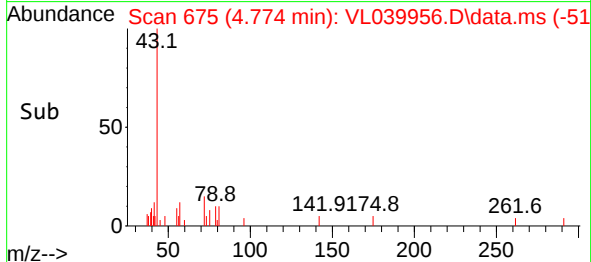
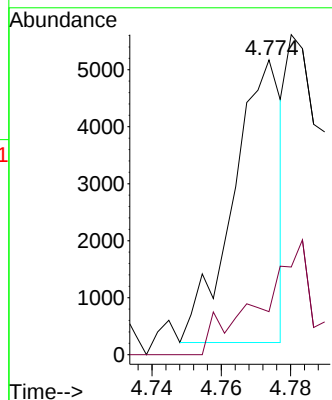
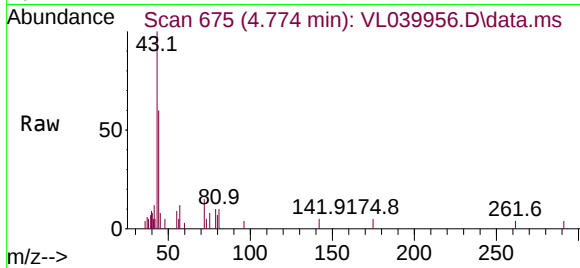




#34
2-Butanone
Concen: 0.031 ppbv
RT: 4.774 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

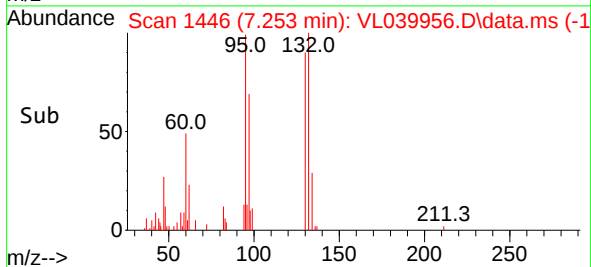
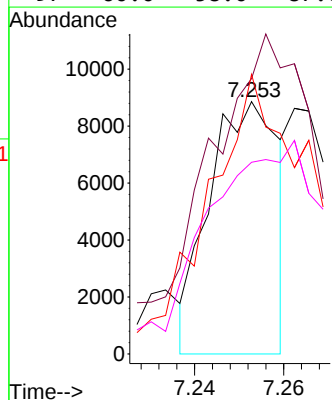
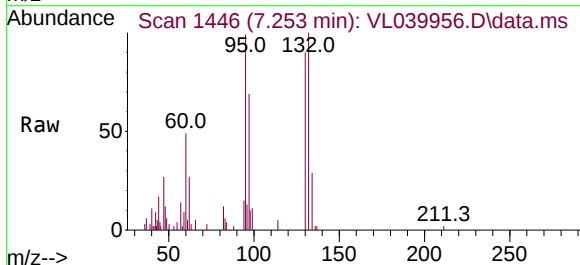
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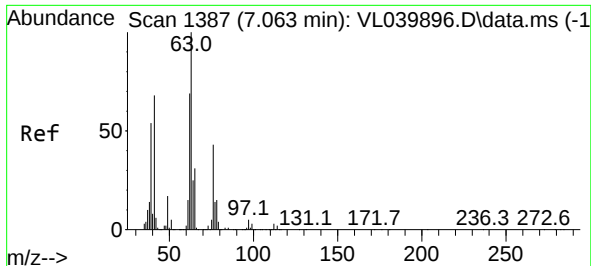
Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
72 9.8 17.4 26.2#



#38
Trichloroethene
Concen: 0.063 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.023 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion:130 Resp: 9514
Ion Ratio Lower Upper
130 100
95 93.8 90.6 135.8
132 88.1 76.2 114.4
97 60.0 58.0 87.0





#39

1,2-Dichloropropane

Concen: 7.211 ppbv

RT: 6.619 min Scan# 1459

Delta R.T. -0.437 min

Lab File: VL039956.D

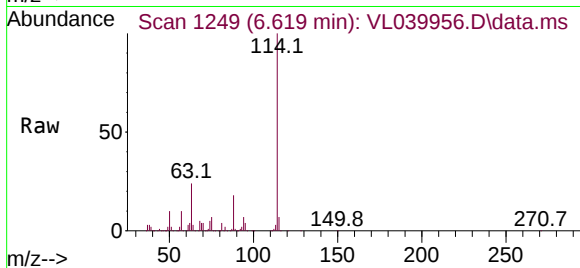
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Instrument :

MSVOA_L

ClientSampleId :

H302022-INFLUENTDL



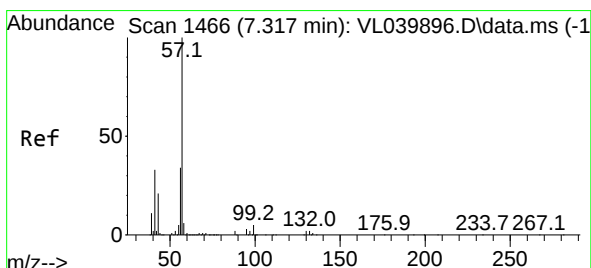
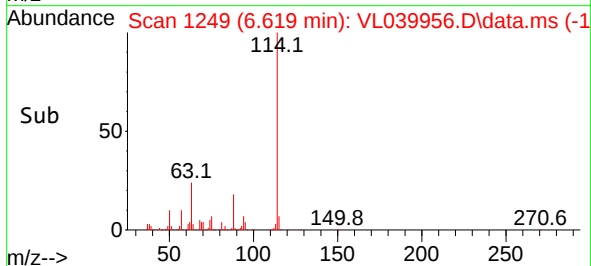
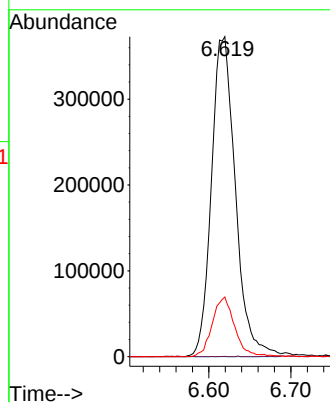
Tgt Ion: 63 Resp: 758988

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 18.6 55.0 82.6#



#44

2,2,4-Trimethylpentane

Concen: 0.084 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.016 min

Lab File: VL039956.D

Acq: 2 Dec 2022 00:12

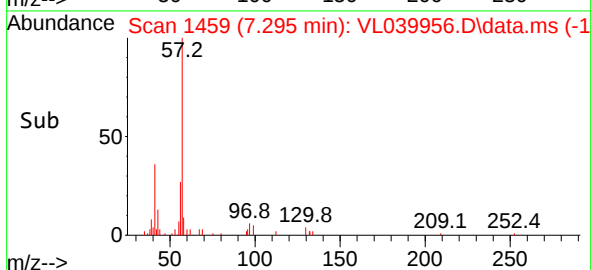
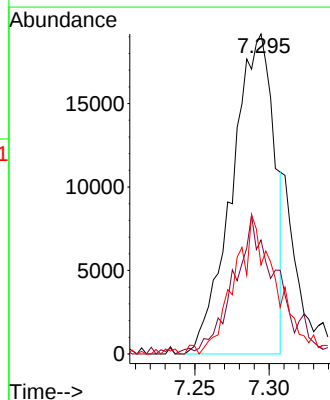
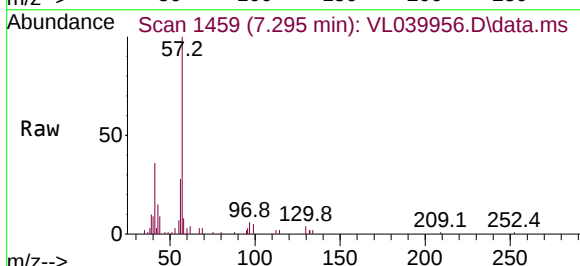
Tgt Ion: 57 Resp: 37853

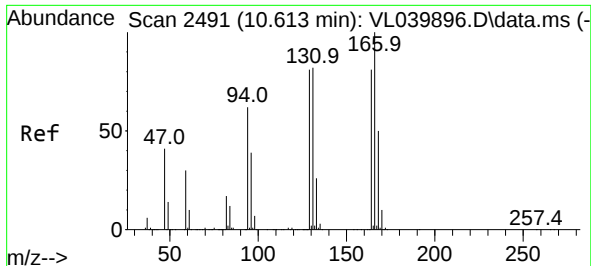
Ion Ratio Lower Upper

57 100

41 48.3 26.2 39.2#

56 44.7 25.5 38.3#

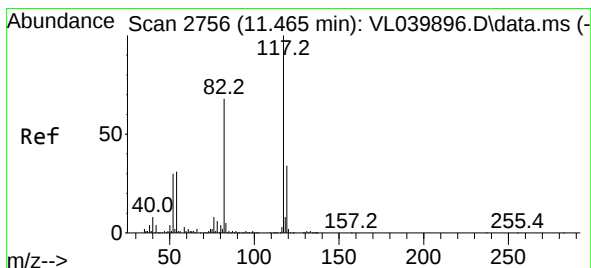
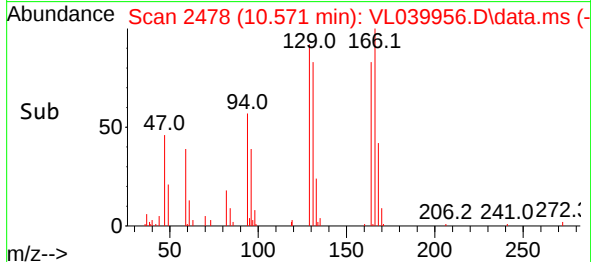
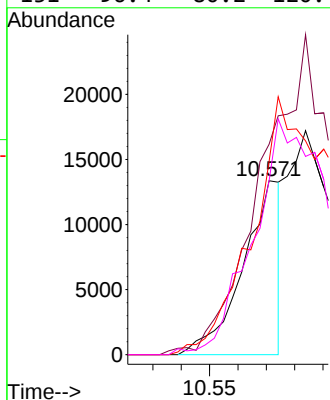
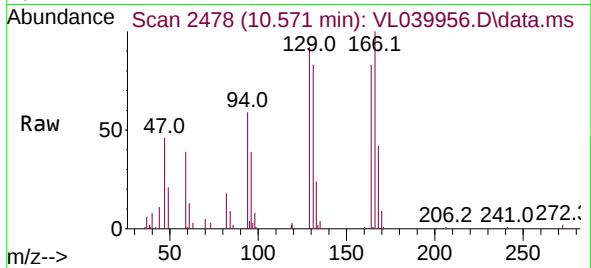




#52
Tetrachloroethene
Concen: 0.122 ppbv
RT: 10.571 min Scan# 2491
Delta R.T. -0.032 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

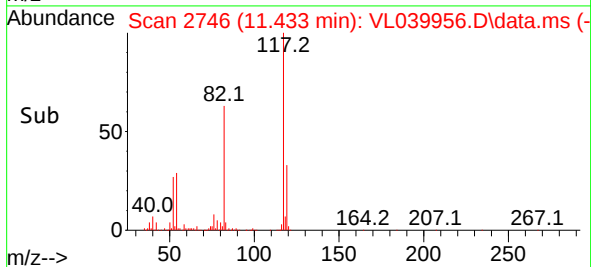
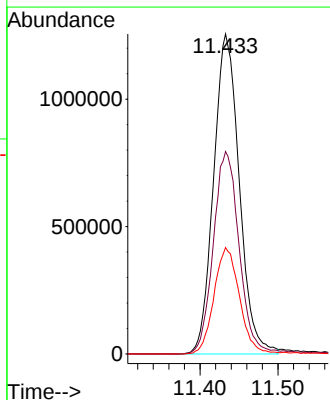
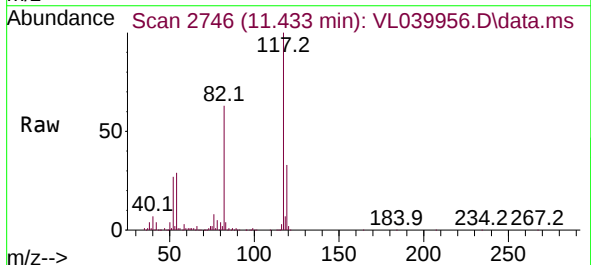
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

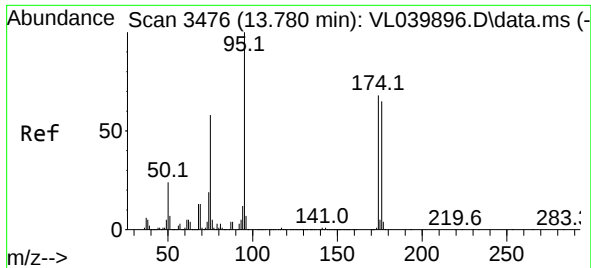
Tgt Ion:164 Resp: 12315
Ion Ratio Lower Upper
164 100
166 117.2 98.3 147.5
129 109.5 79.7 119.5
131 96.4 80.2 120.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion:117 Resp: 2875705
Ion Ratio Lower Upper
117 100
82 64.8 52.3 78.5
119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.263 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENTDL

Tgt Ion: 95 Resp: 2254229

Ion	Ratio	Lower	Upper
95	100		
174	65.4	53.7	80.5
175	4.9	4.0	6.0

