Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
Data File : VL038449.D
Acq On : 1 Mar 2022 13:37
Operator : SY/AP
Sample : N1702-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:05:01 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.661	49	814770	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	7.166	114	1876811	10.000	ppbv		0.01
55) Chlorobenzene-d5	12.073	117	1723265	10.000	ppbv	#	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.404	95	1392688	9.767	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.700%				
Target Compounds							Qvalue
9) Propene	3.018	41	13674m	0.288	ppbv		
13) Ethanol	3.620	45	77434m	16.334	ppbv		
15) Acetone	3.854	43	298986	4.315	ppbv		94
17) tert-Butyl alcohol	4.308	59	36736m	0.531	ppbv		
19) Isopropyl Alcohol	3.986	45	10829m	0.270	ppbv		
20) Methylene Chloride	4.340	84	16389m	0.477	ppbv		
26) Hexane	5.687	57	24247m	0.288	ppbv		
34) 2-Butanone	5.256	43	20220	0.343	ppbv	#	77
38) Trichloroethene	7.828	130	2016m	0.033	ppbv		
50) 4-Methyl-2-Pentanone	8.767	43	10631m	0.102	ppbv		
52) Tetrachloroethene	11.214	164	35188	0.642	ppbv		89
53) Toluene	9.799	91	164333	0.916	ppbv		100

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

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Misc : 400mL/MSVOA_L
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ClientSampleId :
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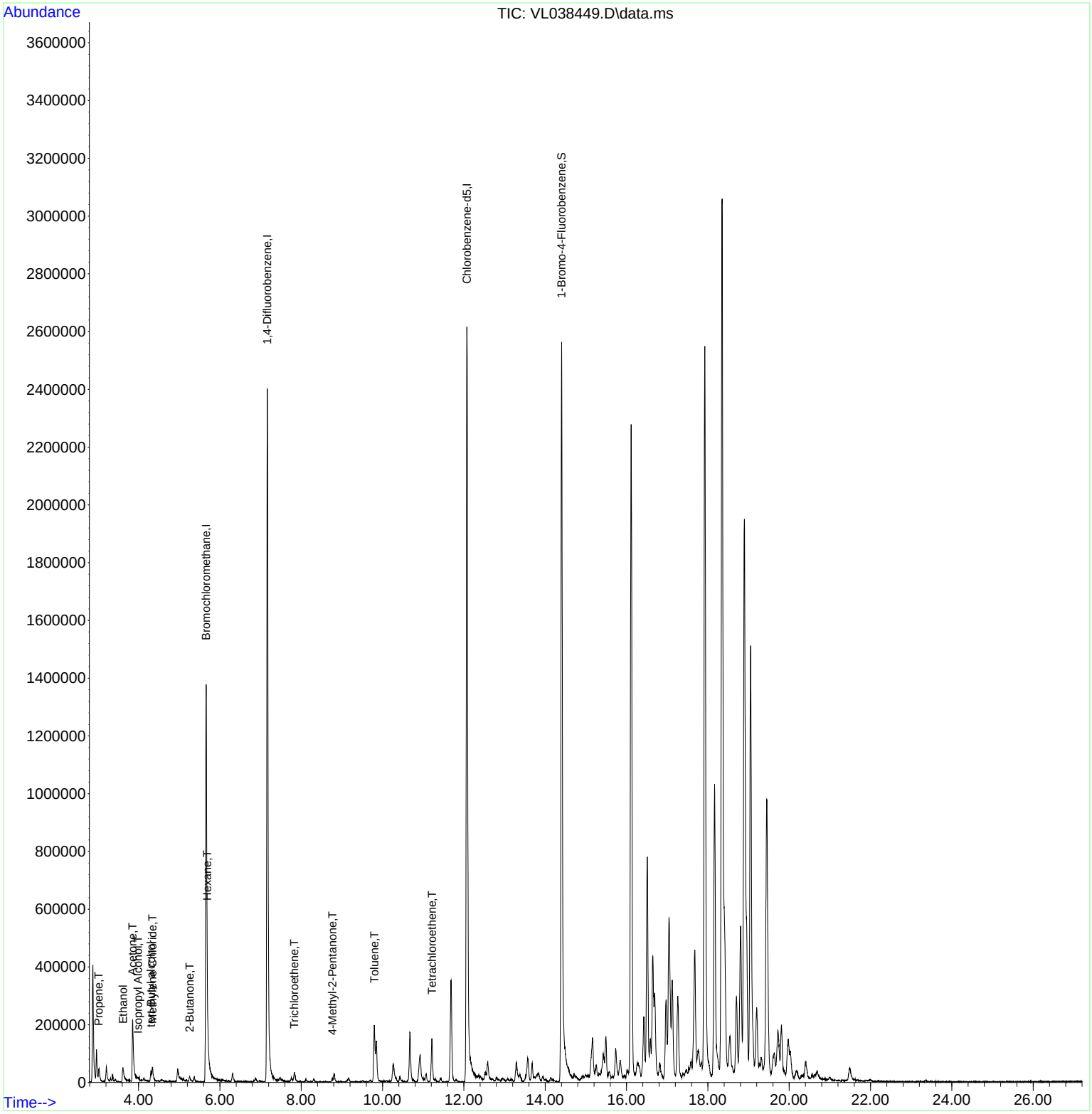
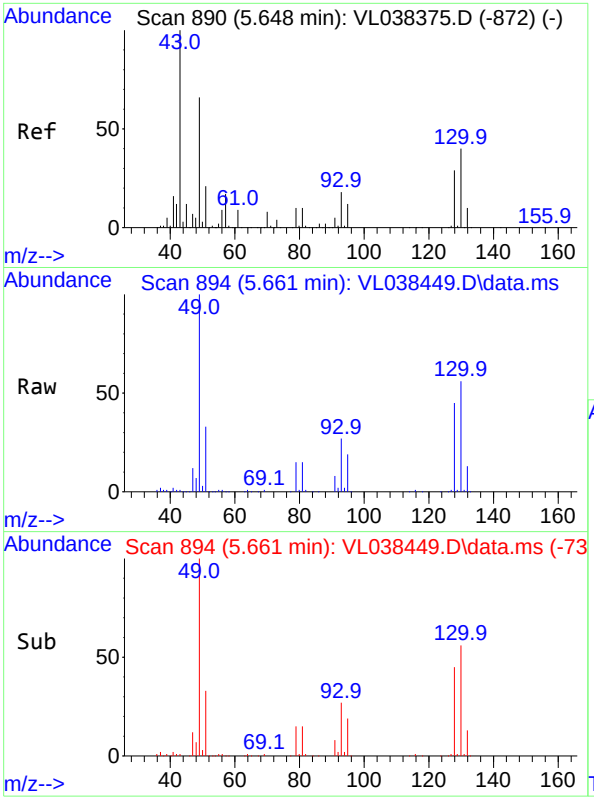
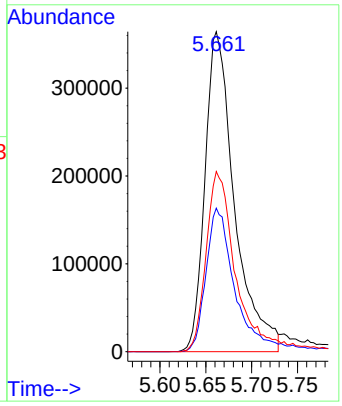




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 8
Delta R.T. 0.013 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 49 Resp: 81477

Ion	Ratio	Lower	Upper
49	100		
128	46.7	24.3	72.9
130	59.2	30.1	90.5



Instrument :
MSVOA_L
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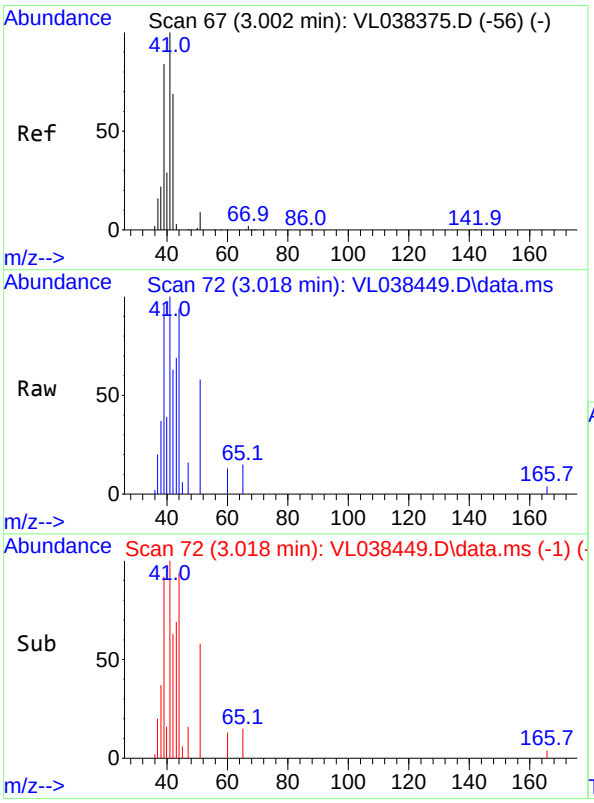
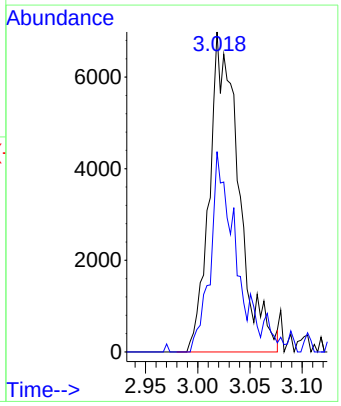
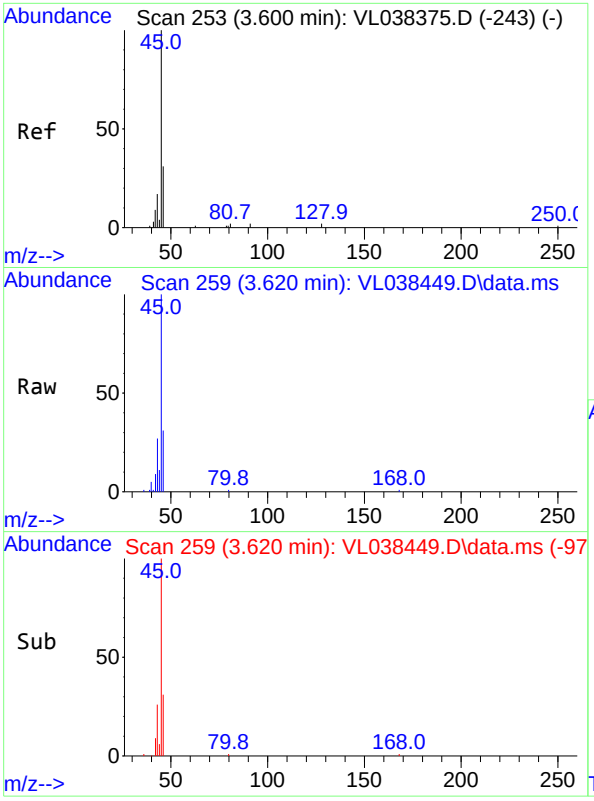


#9
Propene
Concen: 0.288 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 41 Resp: 13674

Ion	Ratio	Lower	Upper
41	100		
42	59.1	54.6	82.0

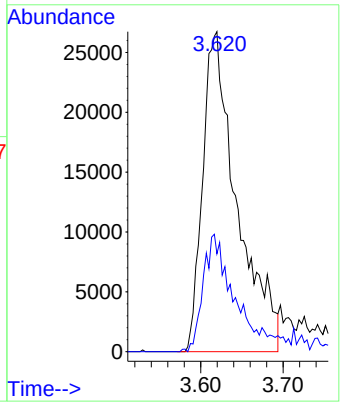




#13
Ethanol
Concen: 16.334 ppbv m
RT: 3.620 min Scan# 2
Delta R.T. 0.019 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 45 Resp: 7743

Ion	Ratio	Lower	Upper
45	100		
46	37.9	18.2	72.8



Instrument :
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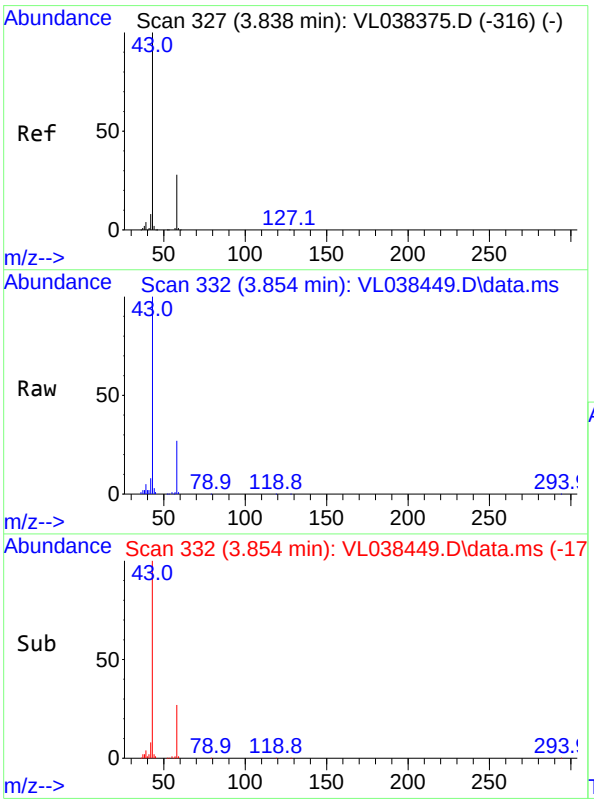
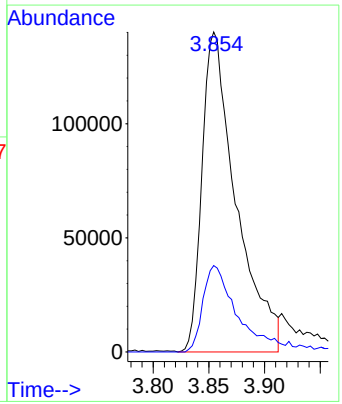
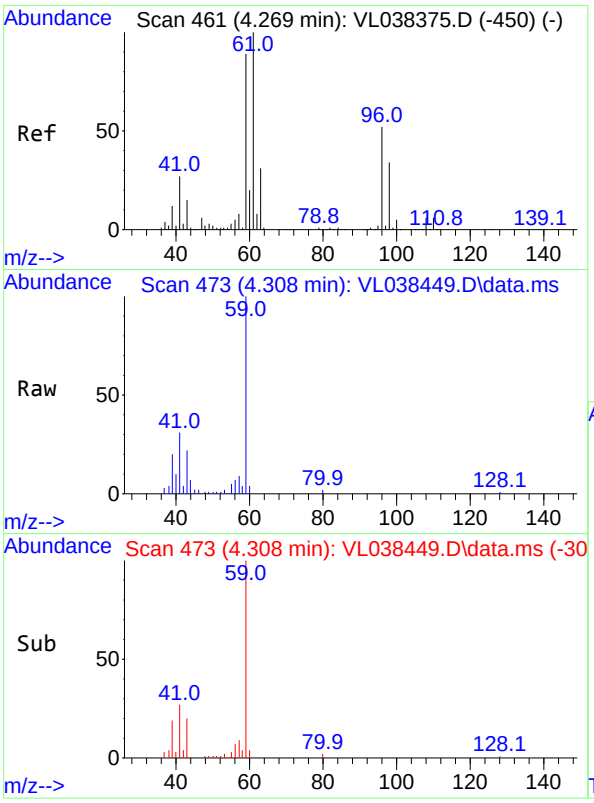


#15
Acetone
Concen: 4.315 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.016 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 43 Resp: 298986

Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.7	32.5

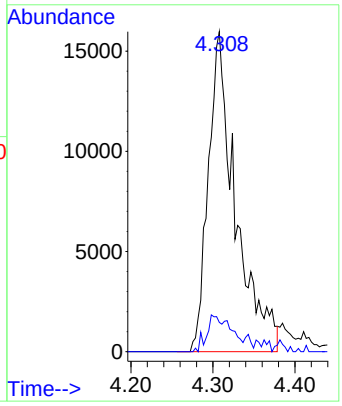




#17
tert-Butyl alcohol
Concen: 0.531 ppbv m
RT: 4.308 min Scan# 4
Delta R.T. 0.039 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 59 Resp: 3673

Ion	Ratio	Lower	Upper
59	100		
57	14.2	8.4	12.6#



Instrument :
MSVOA_L
ClientSampleId :
SVP-2

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Reviewed By :Semsettin Yesilyurt 03/02/2022
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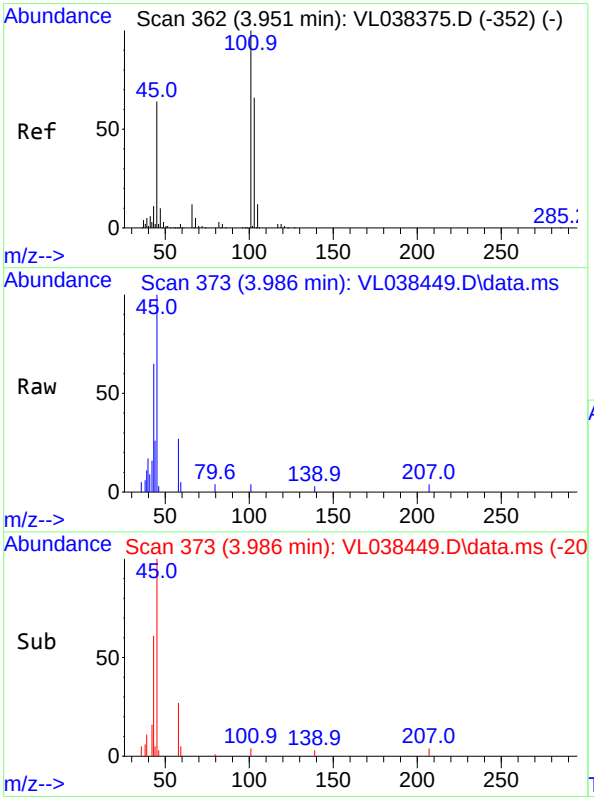
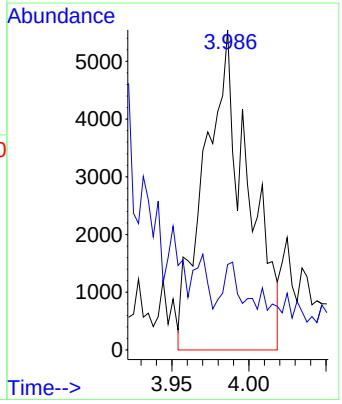
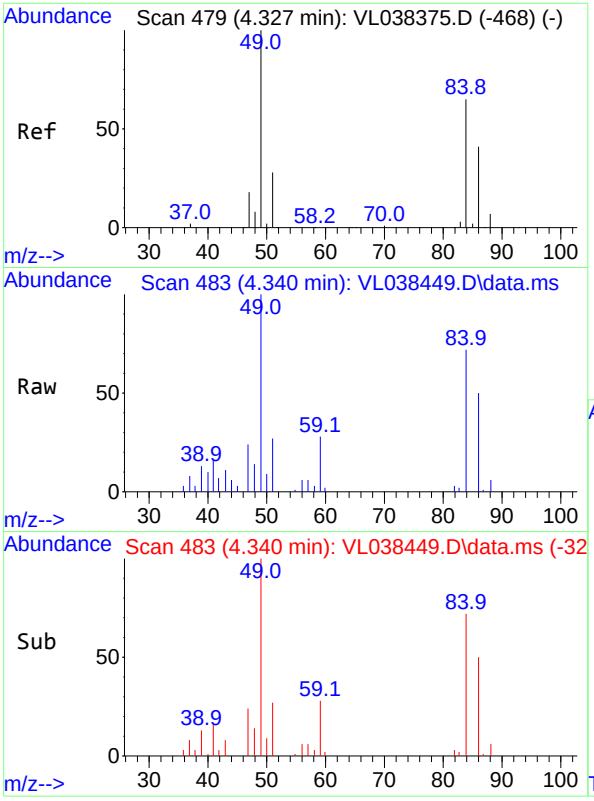


#19
Isopropyl Alcohol
Concen: 0.270 ppbv m
RT: 3.986 min Scan# 373
Delta R.T. 0.036 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 45 Resp: 10829

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

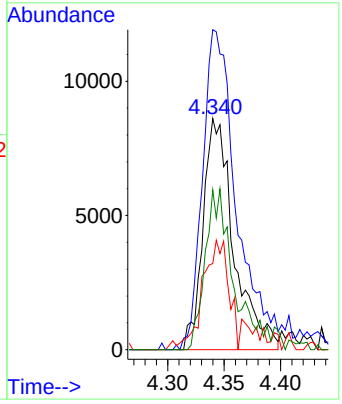




#20
Methylene Chloride
Concen: 0.477 ppbv m
RT: 4.340 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 84 Resp: 1638

Ion	Ratio	Lower	Upper
84	100		
49	138.4	122.4	183.6
51	37.3	33.3	49.9
86	69.1	50.7	76.1



Instrument :
MSVOA_L
ClientSampleId :
SVP-2

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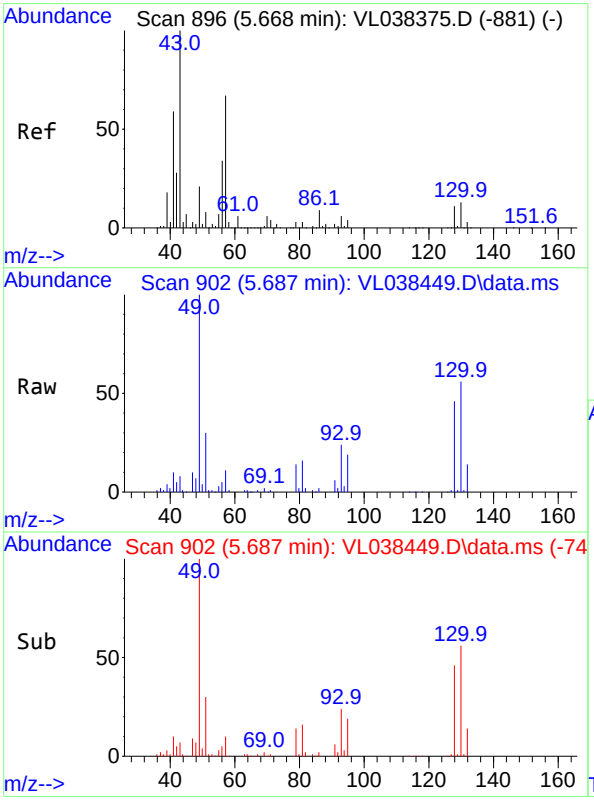
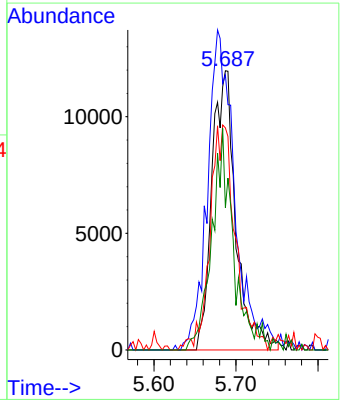
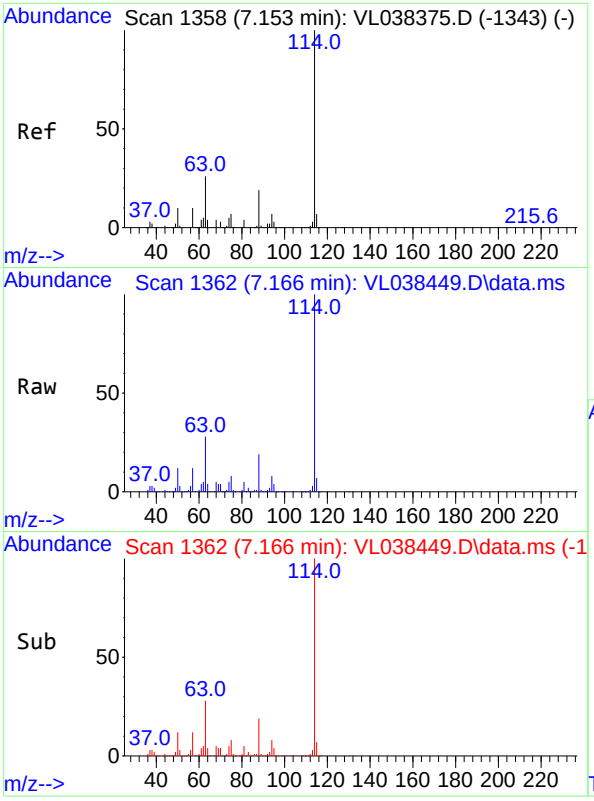


#26
Hexane
Concen: 0.288 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.019 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 57 Resp: 24247

Ion	Ratio	Lower	Upper
57	100		
41	0.0	73.1	109.7#
43	85.6	181.0	271.4#
56	72.6	43.4	65.0#

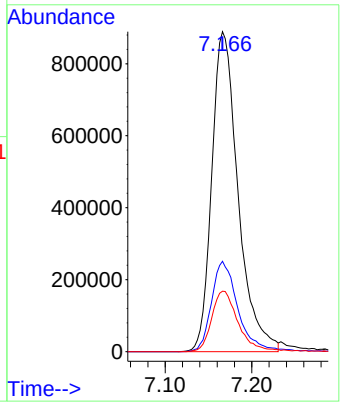




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion:114 Resp: 187681

Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.2	33.2
88	19.2	15.2	22.8



Instrument :
MSVOA_L
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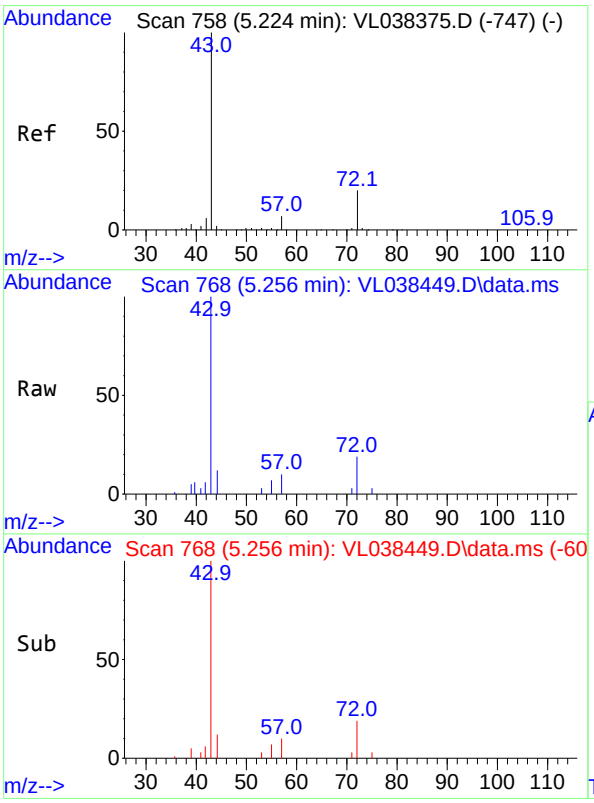
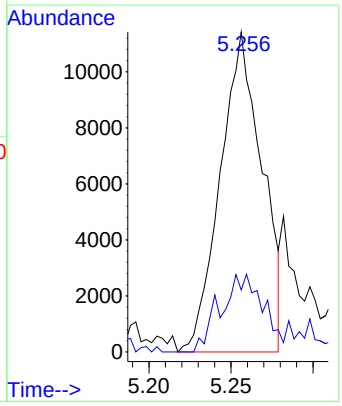
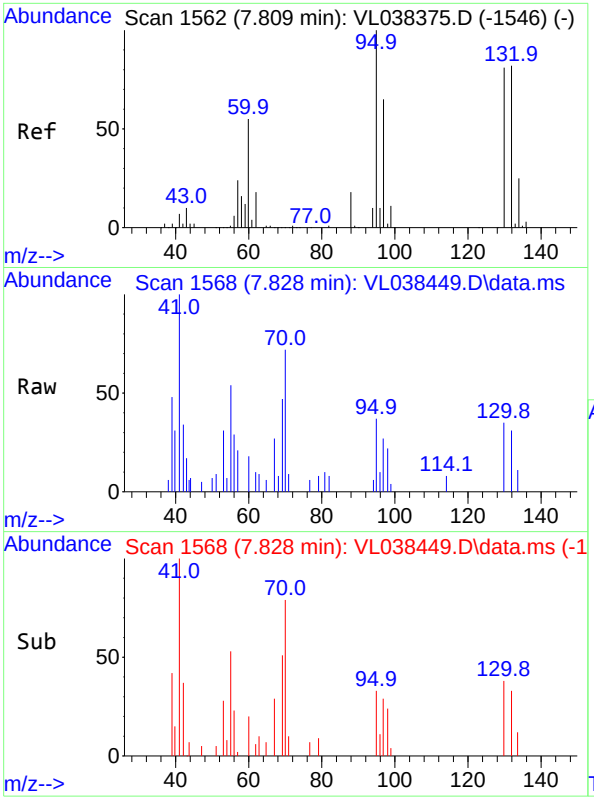


#34
2-Butanone
Concen: 0.343 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.032 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 43 Resp: 20220

Ion	Ratio	Lower	Upper
43	100		
72	32.7	17.4	26.2#

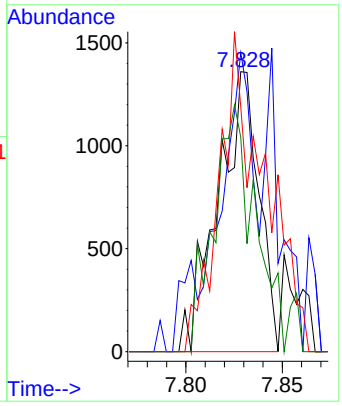




#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 7.828 min Scan# 1
Delta R.T. 0.019 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion:130 Resp: 201

Ion	Ratio	Lower	Upper
130	100		
95	106.8	98.1	147.1
132	87.4	80.3	120.5
97	76.5	63.5	95.3



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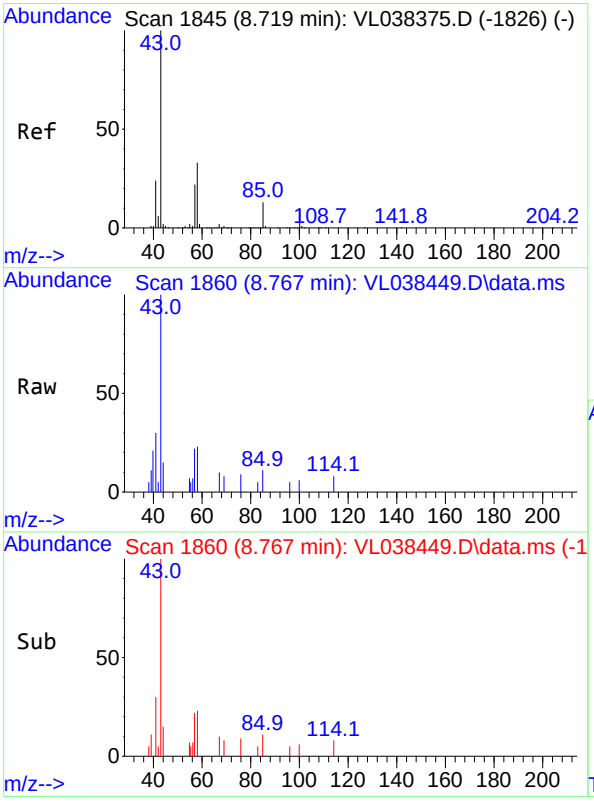
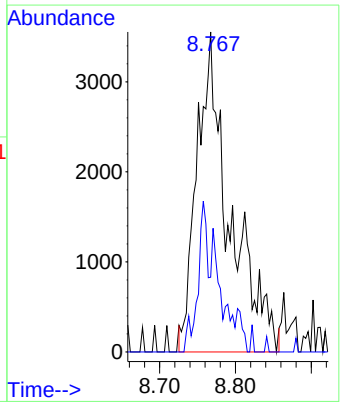
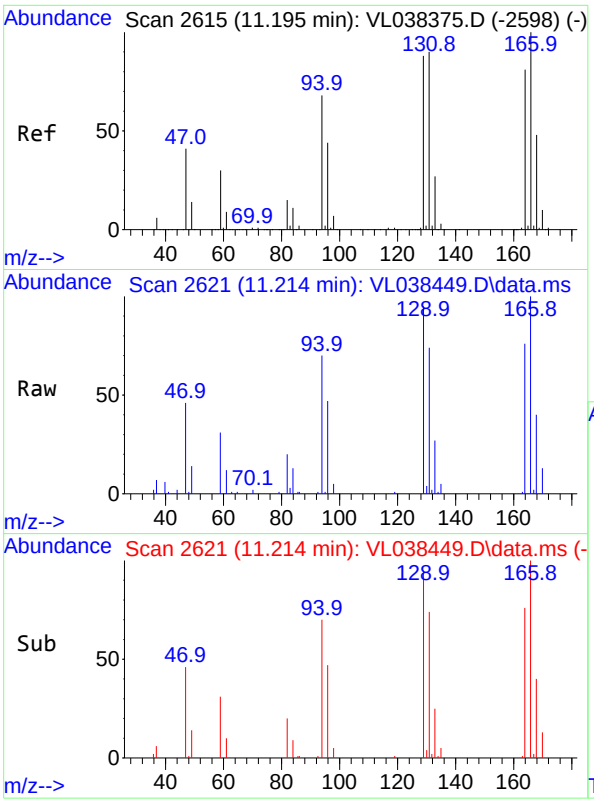


#50
4-Methyl-2-Pentanone
Concen: 0.102 ppbv m
RT: 8.767 min Scan# 1860
Delta R.T. 0.048 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 43 Resp: 10631

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#

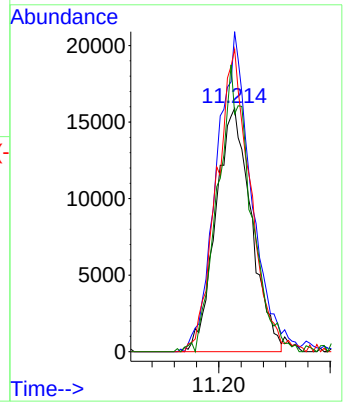




#52
Tetrachloroethene
Concen: 0.642 ppbv
RT: 11.214 min Scan# 2
Delta R.T. 0.019 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion:164 Resp: 3518

Ion	Ratio	Lower	Upper
164	100		
166	130.4	98.6	148.0
129	124.3	86.9	130.3
131	97.7	88.6	133.0



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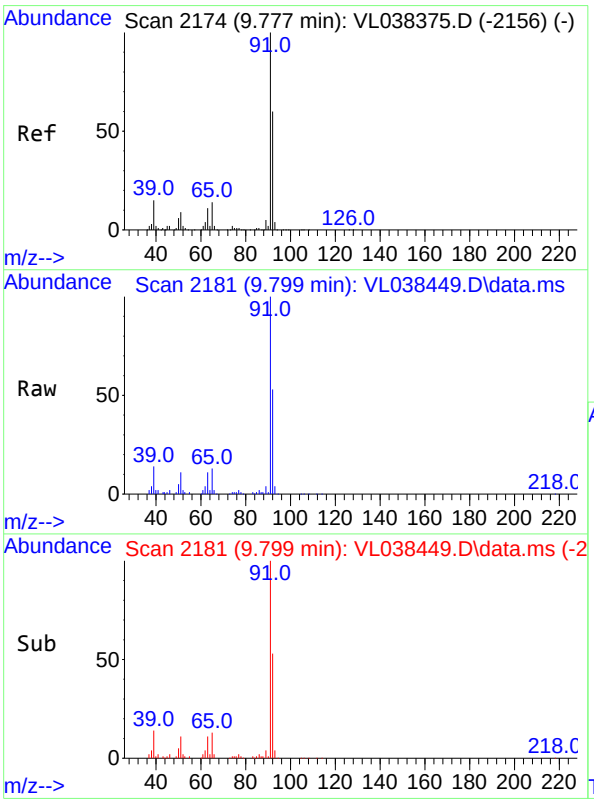
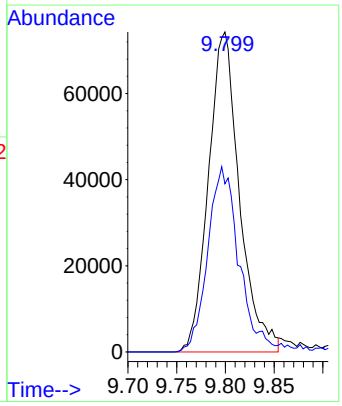
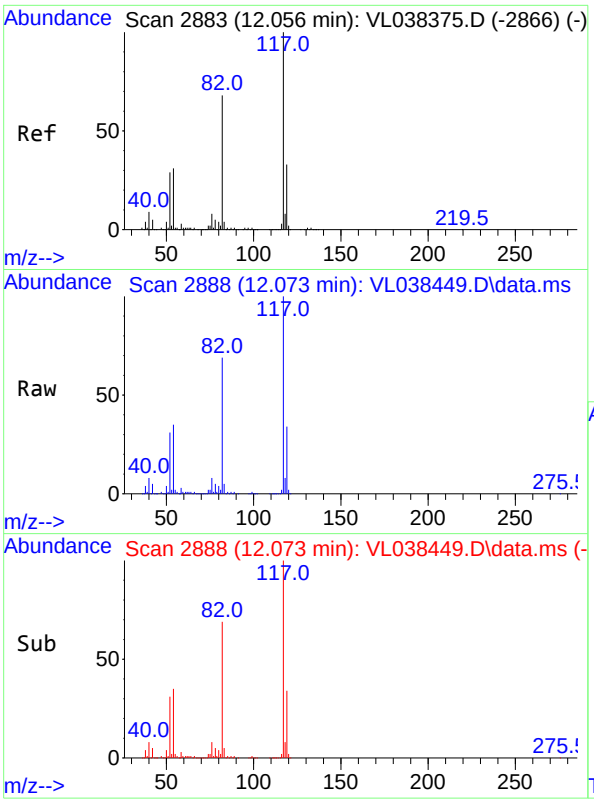


#53
Toluene
Concen: 0.916 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. 0.023 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 91 Resp: 164333

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.2	72.4

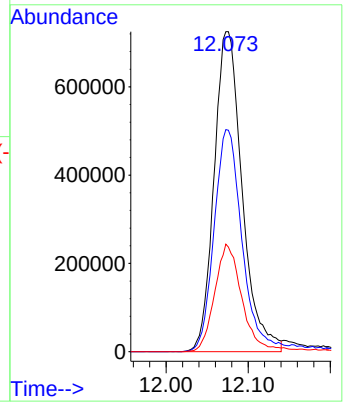




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2
Delta R.T. 0.016 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion:117 Resp: 172326

Ion	Ratio	Lower	Upper
117	100		
82	72.8	54.9	82.3
119	33.7	46.1	69.1#



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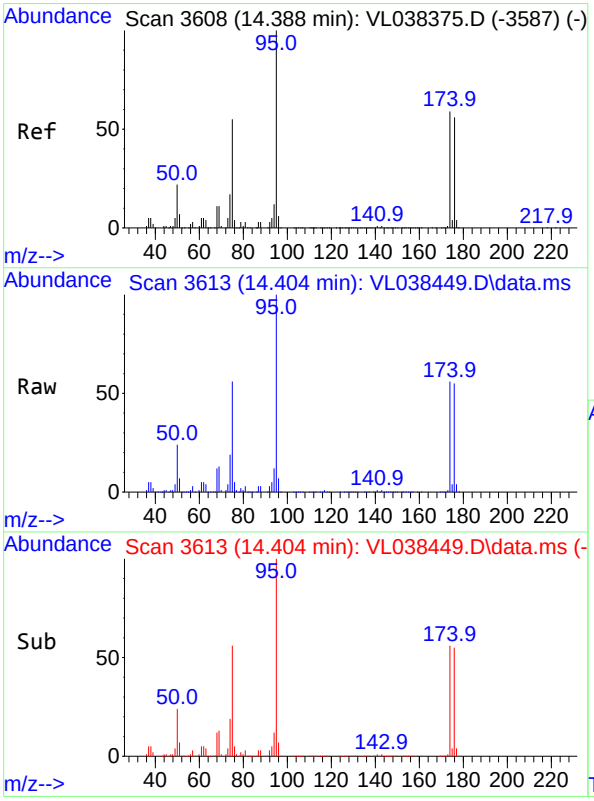

#68
1-Bromo-4-Fluorobenzene
Concen: 9.767 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. 0.016 min
Lab File: VL038449.D
Acq: 1 Mar 2022 13:37

Tgt Ion: 95 Resp: 1392688

Ion	Ratio	Lower	Upper
95	100		
174	60.0	49.0	73.4
175	4.2	3.6	5.4