Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
Data File : VL039754.D
Acq On : 21 Oct 2022 22:00
Operator : SY/AP
Sample : N5259-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Quant Time: Oct 22 04:26:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Sat Oct 22 02:12:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	723215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2053257	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	1881582	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1317794	9.866	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.661	51	81918	0.889	ppbv #	75
4) Chloromethane	2.829	50	38325	0.665	ppbv	93
10) Heptane	7.581	43	3556	0.036	ppbv #	27
12) 1,1,2-Trichlorotrifluo...	4.079	101	5136	0.057	ppbv #	13
13) Ethanol	3.272	45	168619	58.818	ppbv	100
15) Acetone	3.491	43	501197	5.740	ppbv	100
19) Isopropyl Alcohol	3.604	45	66663	1.563	ppbv #	89
20) Methylene Chloride	3.944	84	151774	4.323	ppbv	95
23) Vinyl Acetate	4.636	43	4882	0.132	ppbv #	86
25) Ethyl Acetate	5.218	43	264880	1.514	ppbv #	81
26) Hexane	5.218	57	352434	4.946	ppbv #	39
28) Methyl tert-Butyl Ether	4.610	73	2795	0.041	ppbv #	74
34) 2-Butanone	4.809	43	45292	0.478	ppbv	93
36) Benzene	6.375	78	11359	0.073	ppbv #	82
39) 1,2-Dichloropropane	6.652	63	499347	8.400	ppbv #	24
53) Toluene	9.217	91	59236	0.354	ppbv	98

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

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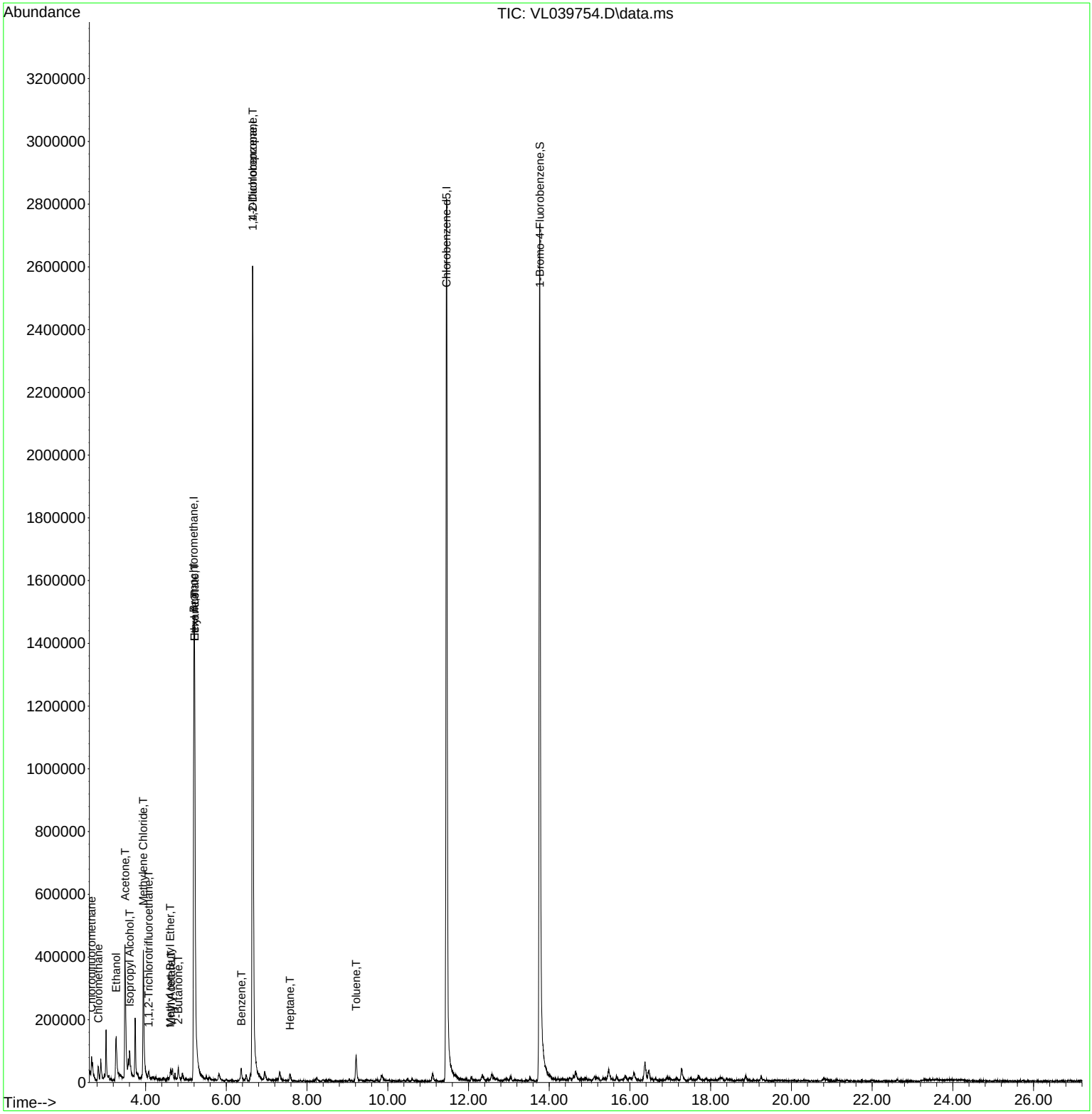
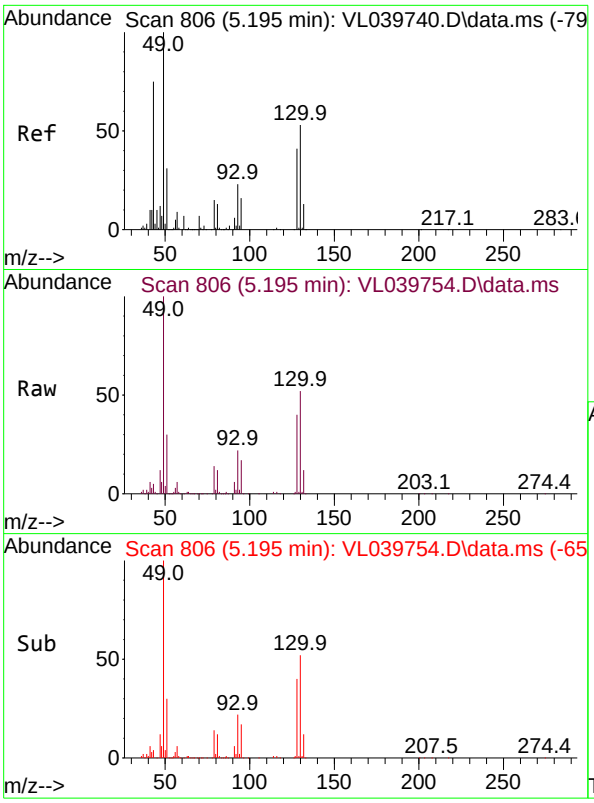


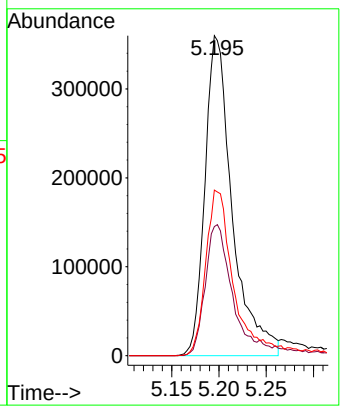


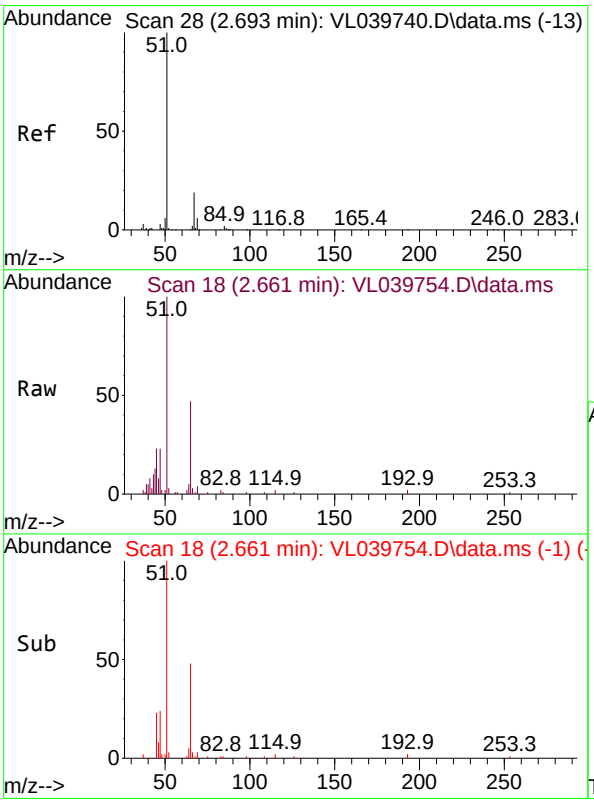
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 8(
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 49 Resp: 723215

Ion	Ratio	Lower	Upper
49	100		
128	44.4	22.6	67.8
130	56.4	29.0	87.0

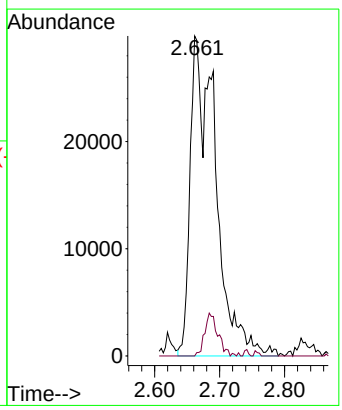


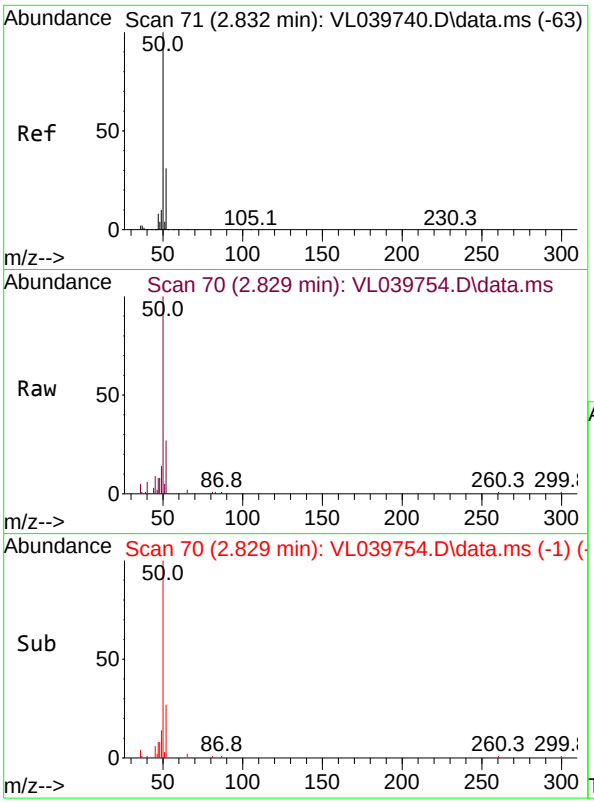


#3
Chlorodifluoromethane
Concen: 0.889 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.032 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 51 Resp: 81918

Ion	Ratio	Lower	Upper
51	100		
67	7.0	14.6	21.8#



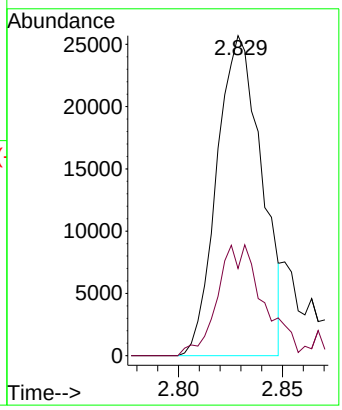


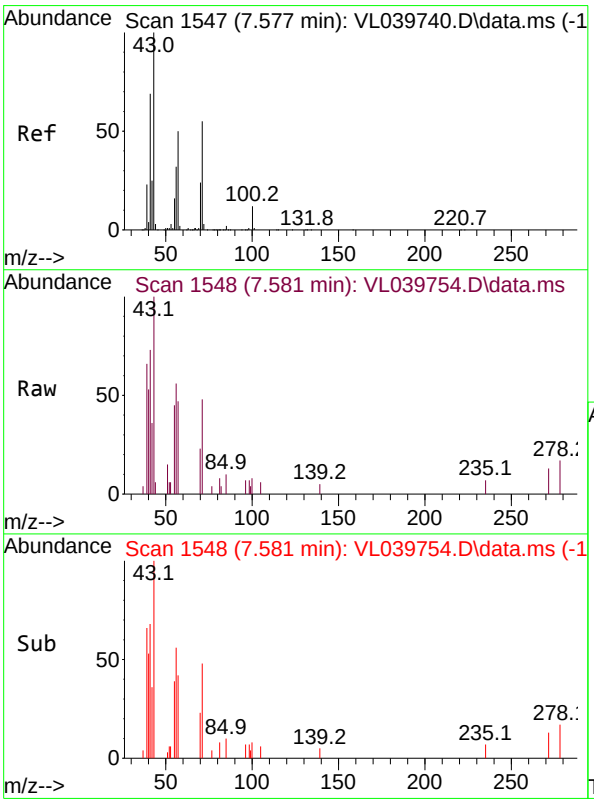
#4
Chloromethane
Concen: 0.665 ppbv
RT: 2.829 min Scan# 7
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 50 Resp: 38325

Ion	Ratio	Lower	Upper
50	100		
52	27.2	24.8	37.2

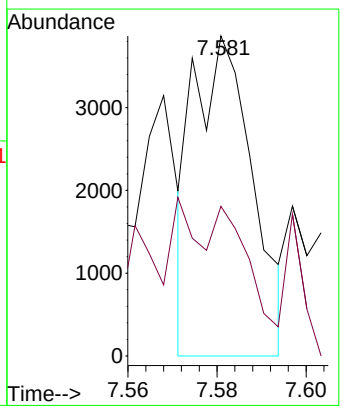


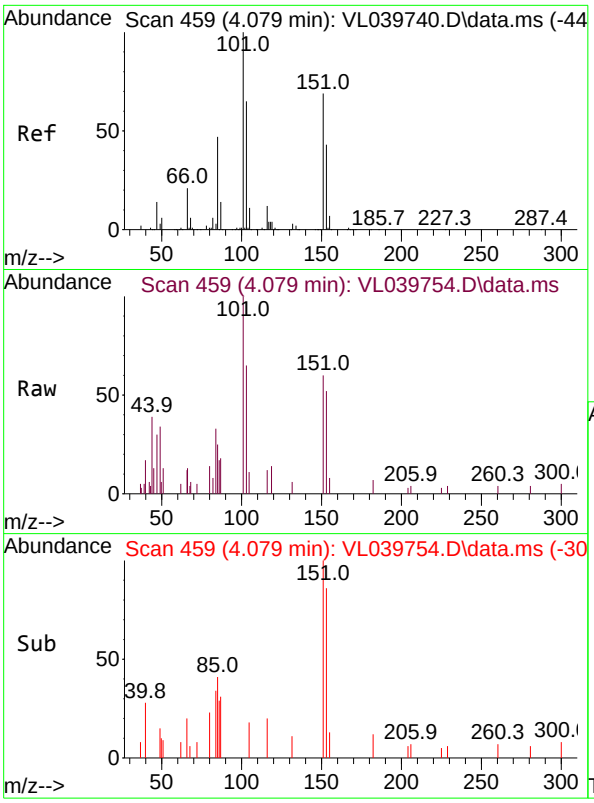


#10
Heptane
Concen: 0.036 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 43 Resp: 3556

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.0	60.0#



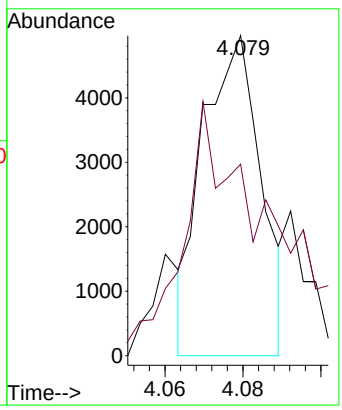


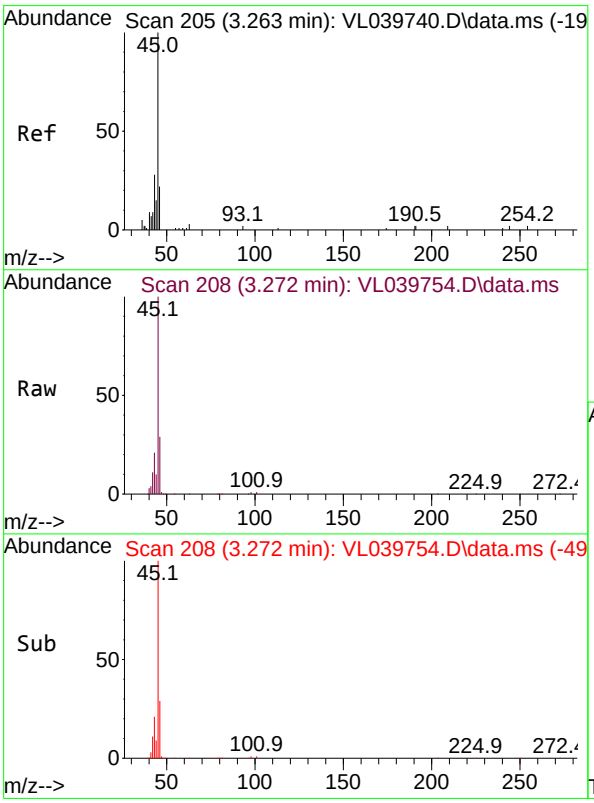
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.057 ppbv
RT: 4.079 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion:101 Resp: 5136

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.0	87.0#

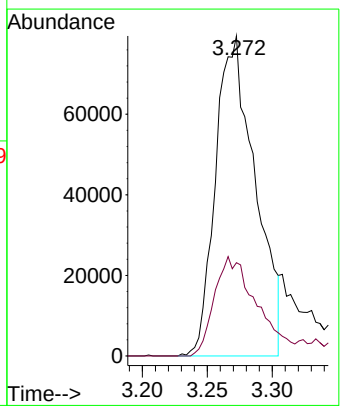


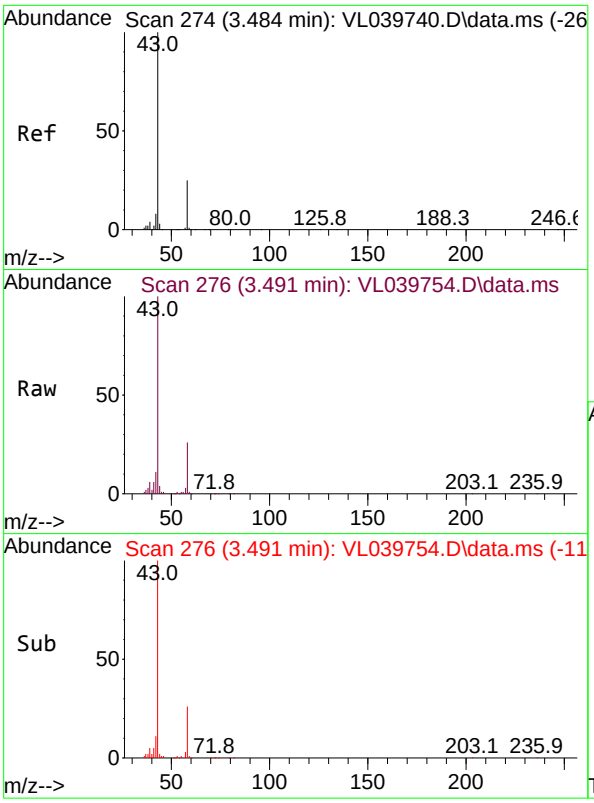


#13
Ethanol
Concen: 58.818 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.010 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 45 Resp: 168619

Ion	Ratio	Lower	Upper
45	100		
46	37.0	14.8	59.2



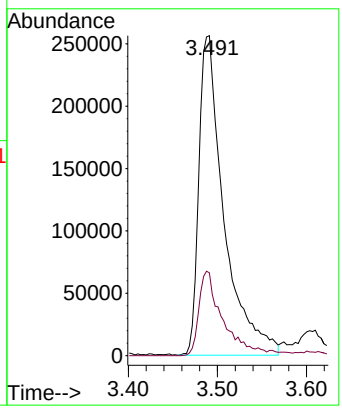


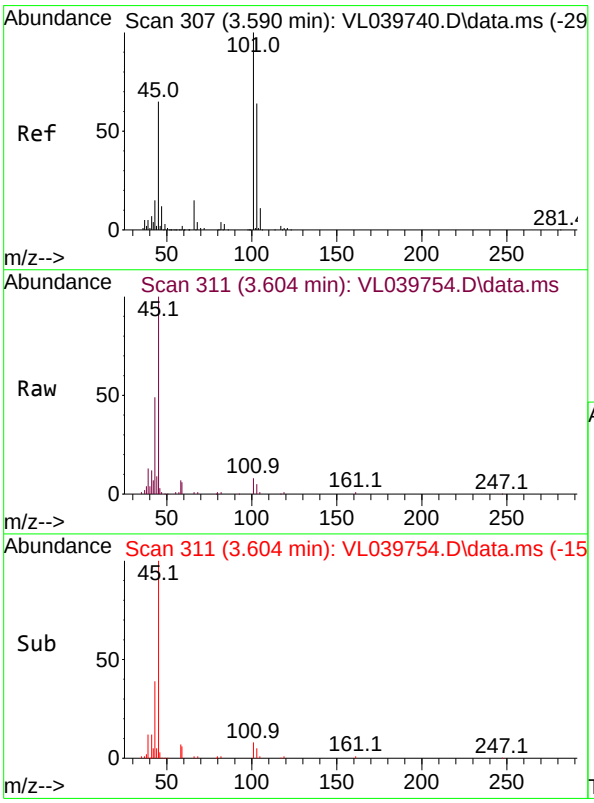
#15
Acetone
Concen: 5.740 ppbv
RT: 3.491 min Scan# 2
Delta R.T. 0.007 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 43 Resp: 501197

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.9	31.3

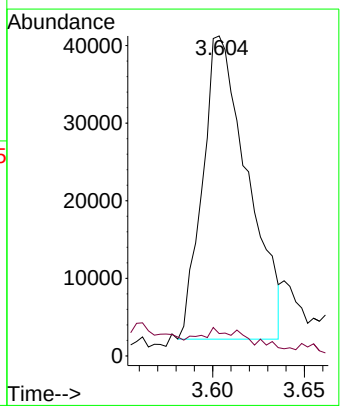


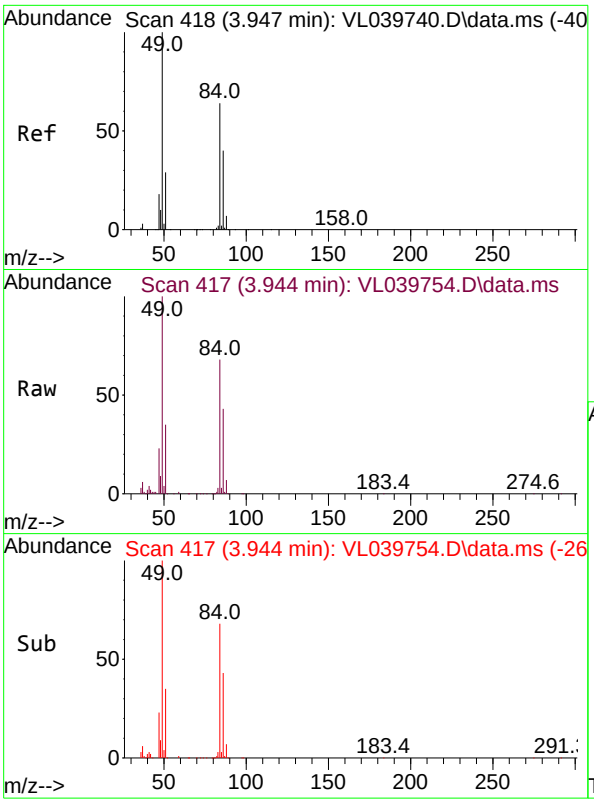


#19
Isopropyl Alcohol
Concen: 1.563 ppbv
RT: 3.604 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 45 Resp: 66663

Ion	Ratio	Lower	Upper
45	100		
58	7.8	3.3	4.9#



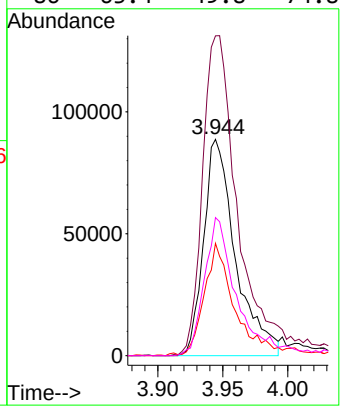


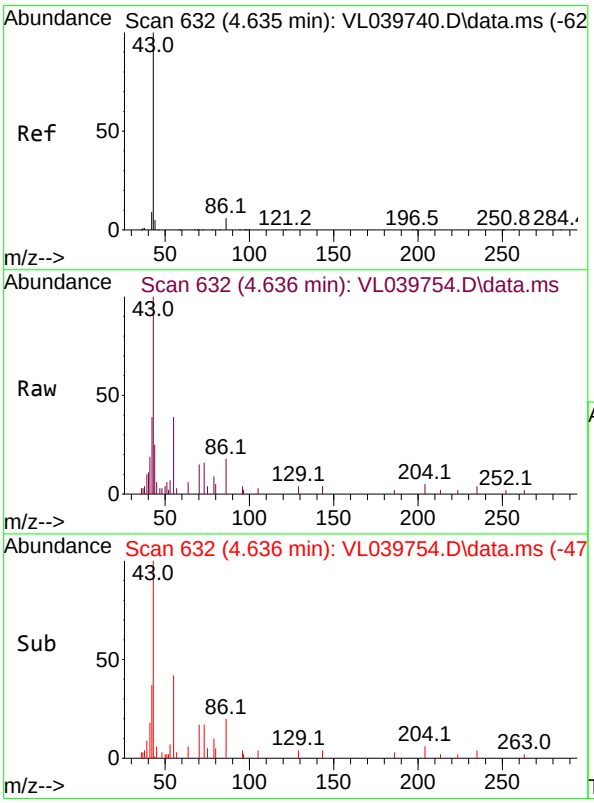
#20
Methylene Chloride
Concen: 4.323 ppbv
RT: 3.944 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 84 Resp: 151774

Ion	Ratio	Lower	Upper
84	100		
49	147.5	124.2	186.4
51	51.4	36.6	54.8
86	63.4	49.8	74.8

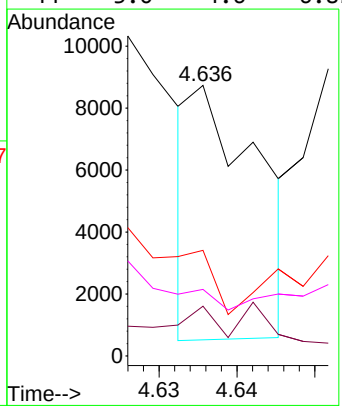


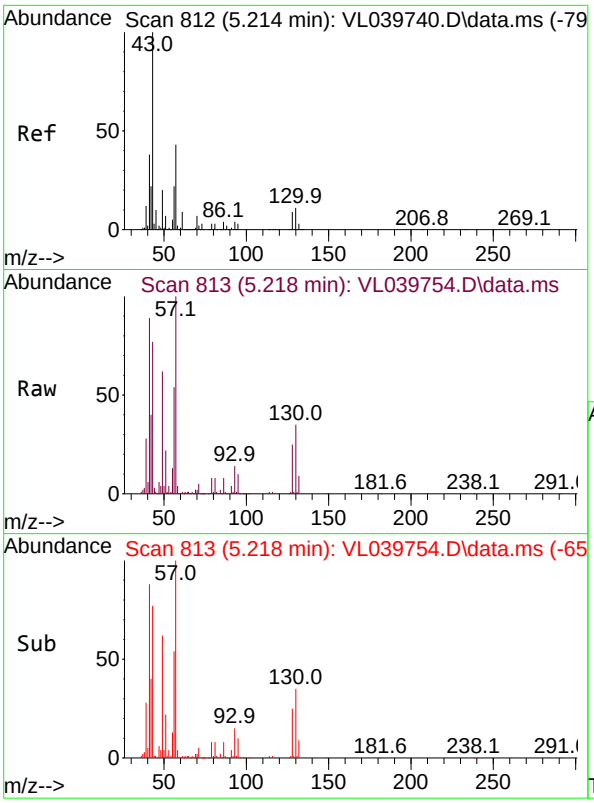


#23
Vinyl Acetate
Concen: 0.132 ppbv
RT: 4.636 min Scan# 632
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 43 Resp: 4882

Ion	Ratio	Lower	Upper
43	100		
86	17.6	4.3	6.5#
42	11.6	7.9	11.9
44	3.0	4.6	6.8#



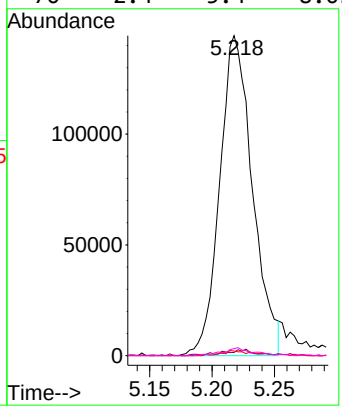


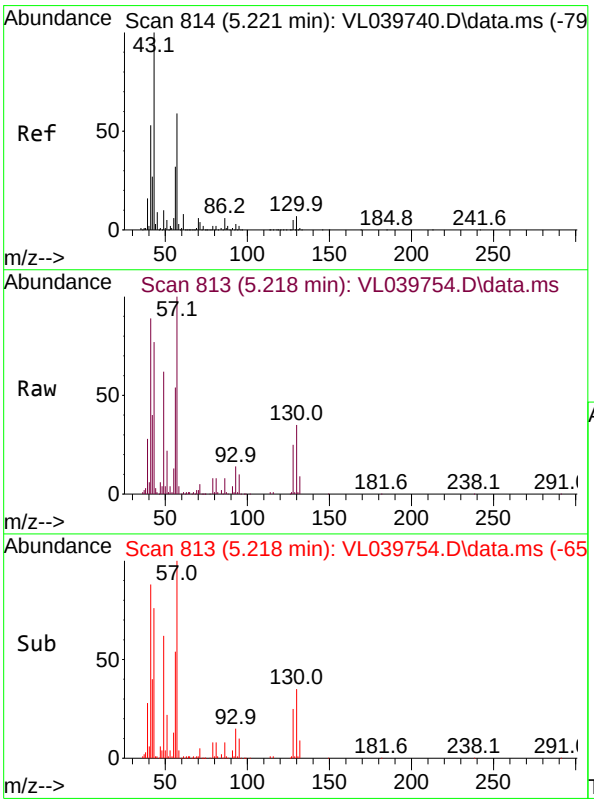
#25
Ethyl Acetate
Concen: 1.514 ppbv
RT: 5.218 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 43 Resp: 264880

Ion	Ratio	Lower	Upper
43	100		
45	2.2	8.1	12.1#
61	1.7	7.5	11.3#
70	2.4	5.4	8.0#

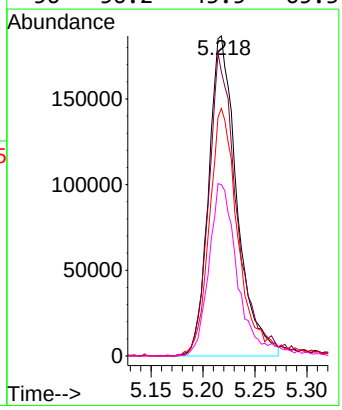


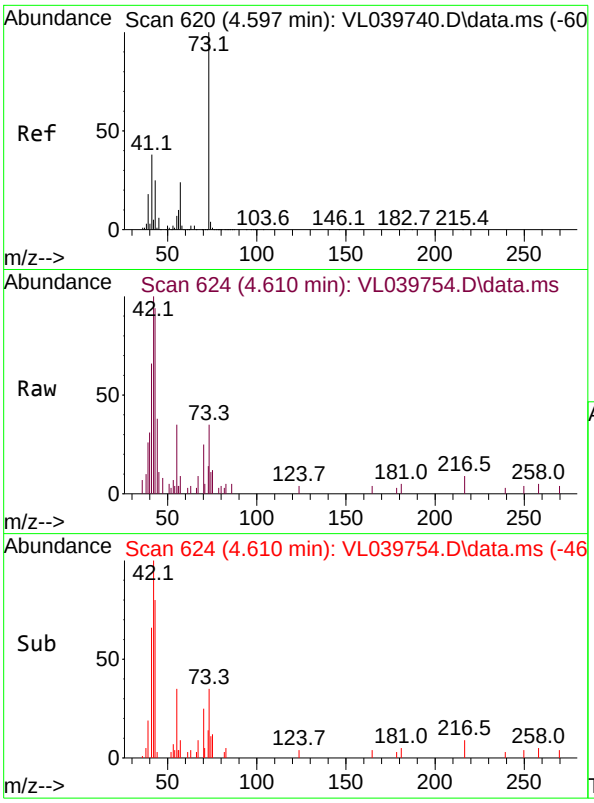


#26
Hexane
Concen: 4.946 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 57 Resp: 352434

Ion	Ratio	Lower	Upper
57	100		
41	97.0	76.8	115.2
43	80.9	201.0	301.4#
56	56.2	43.5	65.3



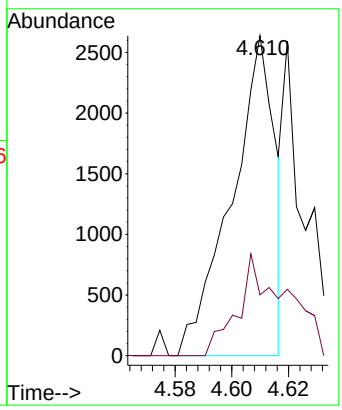


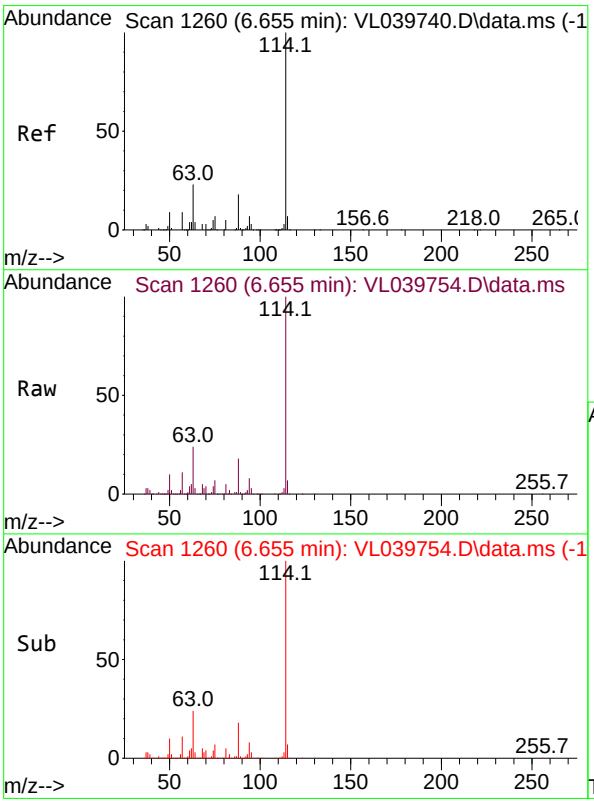
#28
Methyl tert-Butyl Ether
Concen: 0.041 ppbv
RT: 4.610 min Scan# 6
Delta R.T. 0.013 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 73 Resp: 2795

Ion	Ratio	Lower	Upper
73	100		
57	37.3	19.4	29.2#

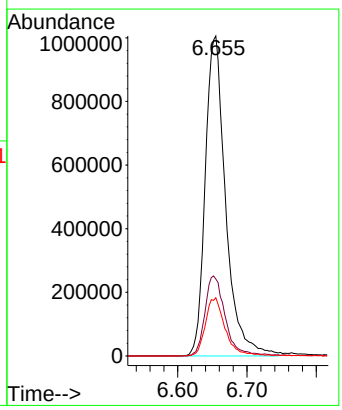


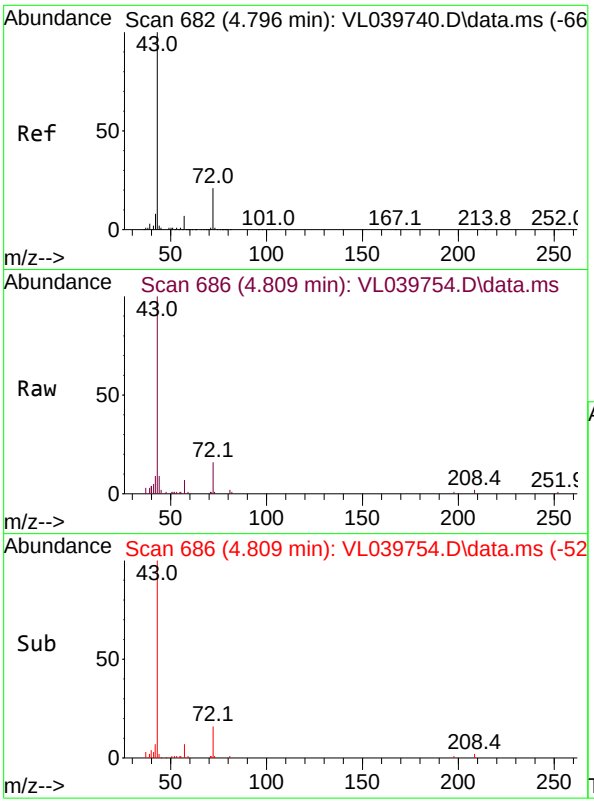


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion:114 Resp: 2053257

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.8	29.6
88	18.0	14.2	21.4



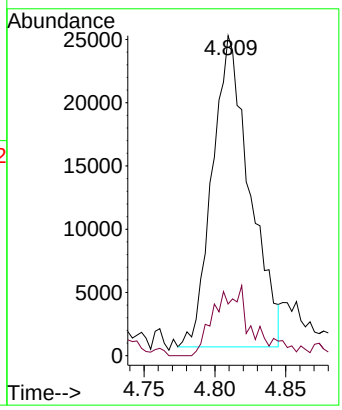


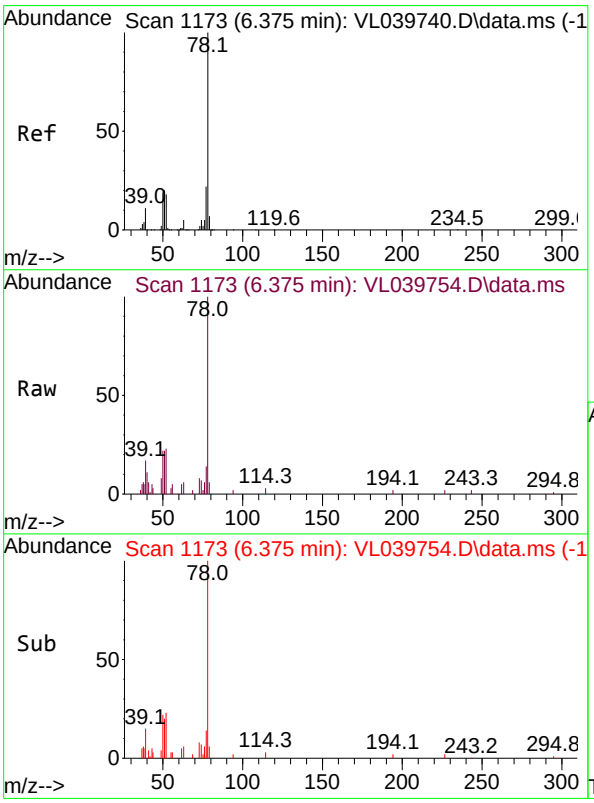
#34
2-Butanone
Concen: 0.478 ppbv
RT: 4.809 min Scan# 6
Delta R.T. 0.013 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 43 Resp: 45292

Ion	Ratio	Lower	Upper
43	100		
72	24.8	17.1	25.7

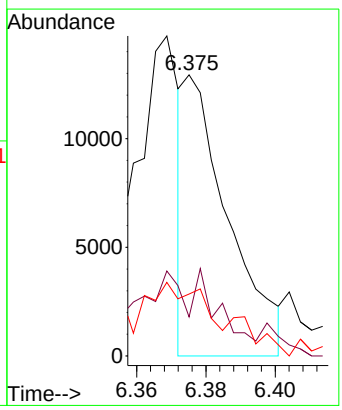


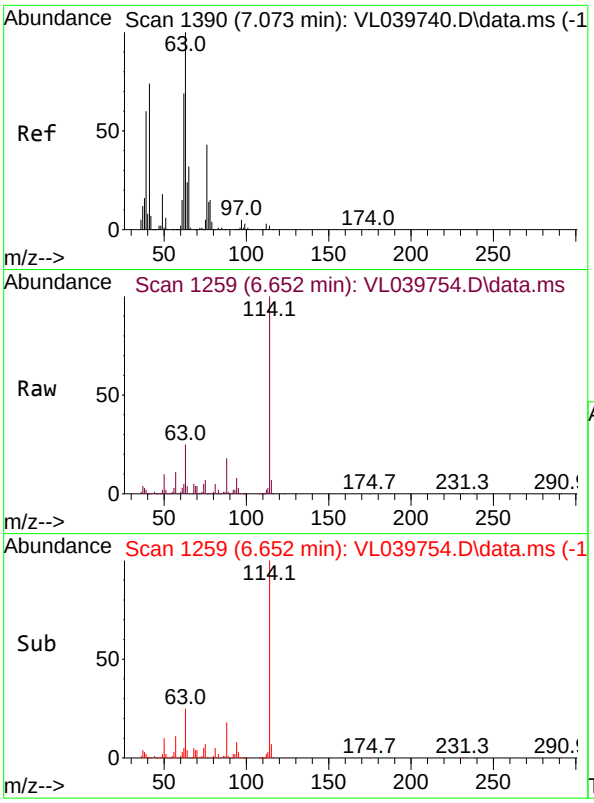


#36
Benzene
Concen: 0.073 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 78 Resp: 11359

Ion	Ratio	Lower	Upper
78	100		
77	8.4	17.3	25.9#
50	21.9	14.9	22.3



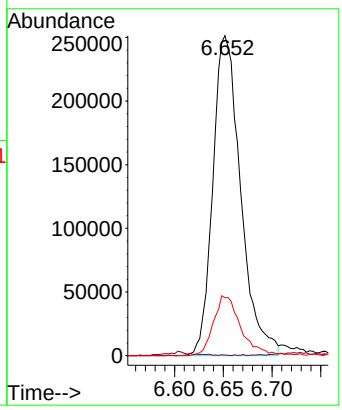


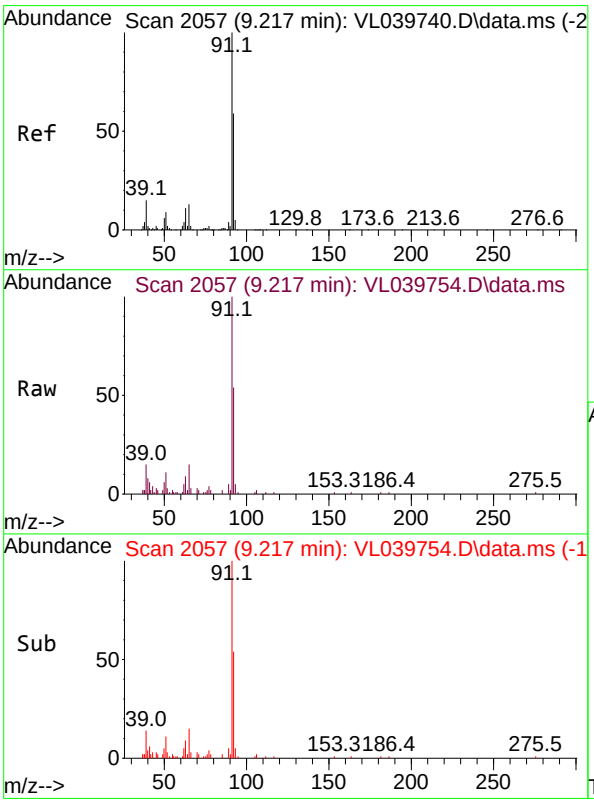
#39
1,2-Dichloropropane
Concen: 8.400 ppbv
RT: 6.652 min Scan# 1
Delta R.T. -0.421 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 63 Resp: 499347

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	18.1	55.2	82.8#

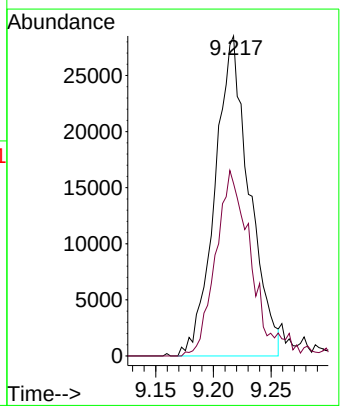


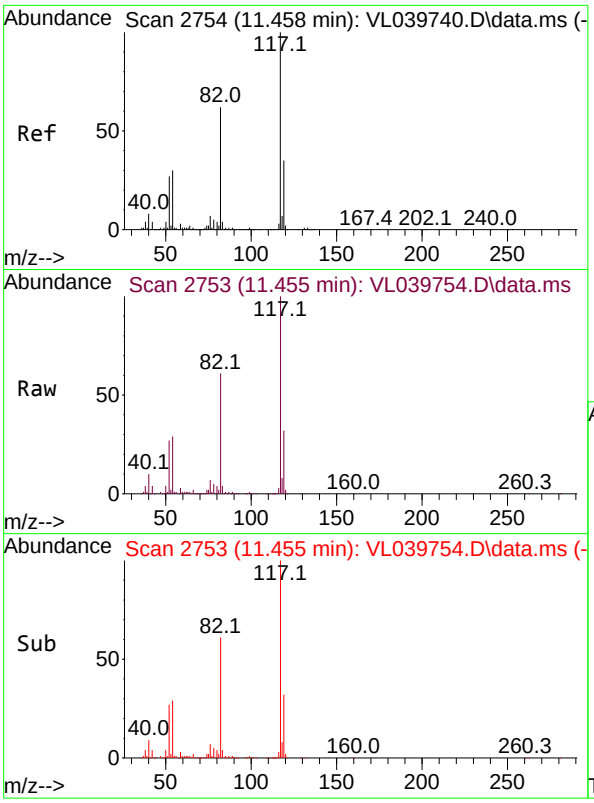


#53
Toluene
Concen: 0.354 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 91 Resp: 59236

Ion	Ratio	Lower	Upper
91	100		
92	61.2	47.7	71.5



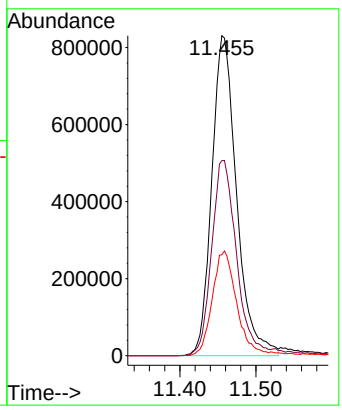


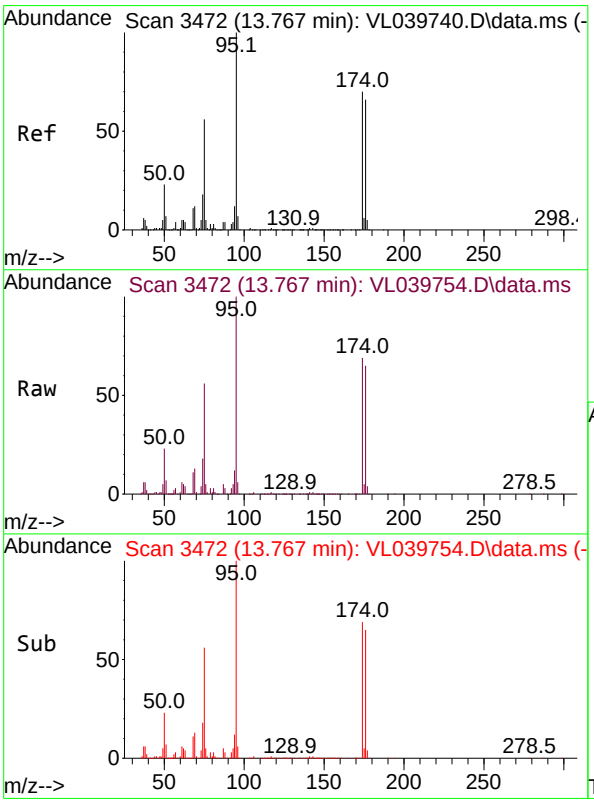
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion:117 Resp: 1881582

Ion	Ratio	Lower	Upper
117	100		
82	64.3	51.4	77.0
119	33.2	24.6	36.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.866 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039754.D
Acq: 21 Oct 2022 22:00

Tgt Ion: 95 Resp: 1317794

Ion	Ratio	Lower	Upper
95	100		
174	72.0	56.5	84.7
175	5.5	4.2	6.4