Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038454.D
Acq On : 1 Mar 2022 17:09
Operator : SY/AP
Sample : N1720-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Mar 02 03:05:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	951589	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.18	114	2361593	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.08	117	2064333	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1617498	9.47	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	8409	0.06	ppbv		88
3) Chlorodifluoromethane	2.98	51	18471	0.11	ppbv	#	66
9) Propene	3.03	41	9115	0.16	ppbv	#	44
10) Heptane	8.13	43	10536	0.08	ppbv	#	28
13) Ethanol	3.64	45	3429	0.62	ppbv	#	34
15) Acetone	3.88	43	21704	0.27	ppbv	#	48
20) Methylene Chloride	4.35	84	17356	0.43	ppbv		87
23) Vinyl Acetate	5.09	43	26298	0.25	ppbv	#	93
25) Ethyl Acetate	5.69	43	199120	0.92	ppbv	#	80
26) Hexane	5.69	57	271060	2.75	ppbv	#	29
28) Methyl tert-Butyl Ether	5.07	73	7860	0.08	ppbv	#	57
29) Chloroform	5.75	83	66520	0.41	ppbv		99
34) 2-Butanone	5.28	43	17702	0.24	ppbv	#	76
39) 1,2-Dichloropropane	7.18	63	589284	7.12	ppbv	#	24
41) Tetrahydrofuran	5.69	42	140651	2.80	ppbv	#	49
51) 2-Hexanone	10.16	43	2247	0.04	ppbv	#	30
52) Tetrachloroethene	11.22	164	176419	2.56	ppbv		96
53) Toluene	9.81	91	7246	0.03	ppbv	#	1
61) Styrene	13.53	104	4601	0.04	ppbv	#	62
62) Isopropylbenzene	14.66	105	33253	0.11	ppbv		96

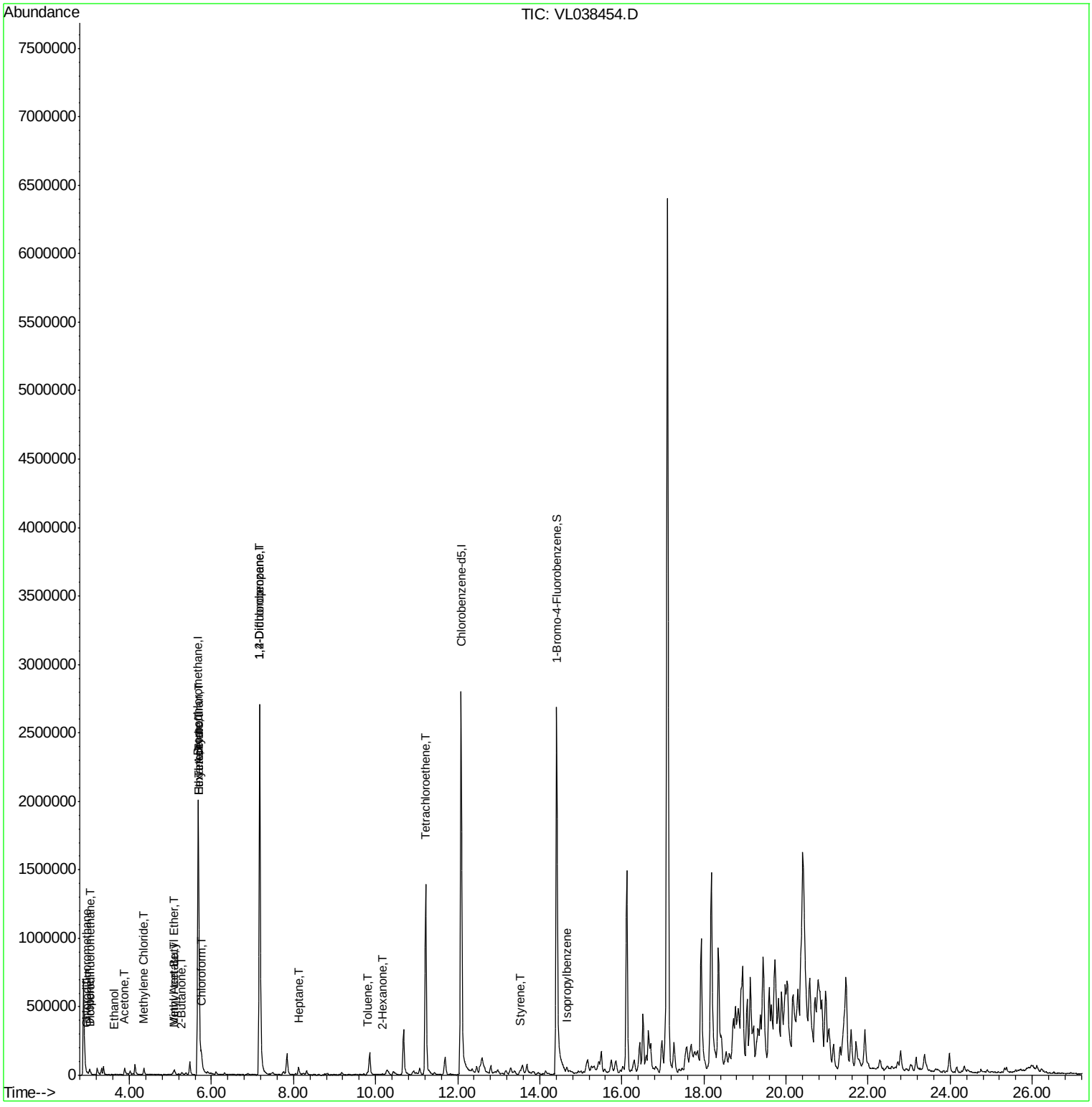
(#) = qualifier out of range (m) = manual integration (+) = signals summed

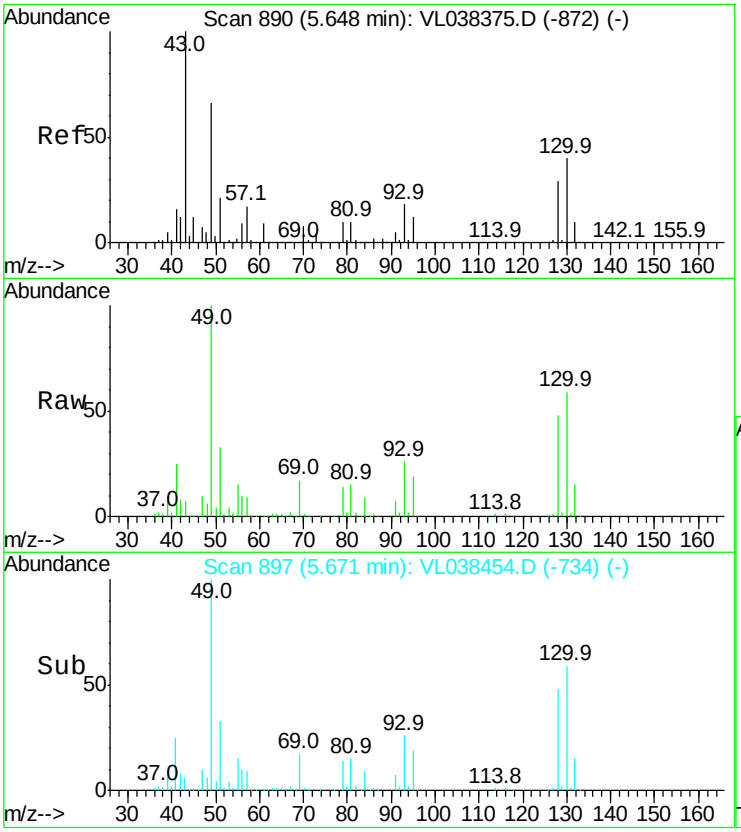
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038454.D
Acq On : 1 Mar 2022 17:09
Operator : SY/AP
Sample : N1720-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Mar 02 03:05:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



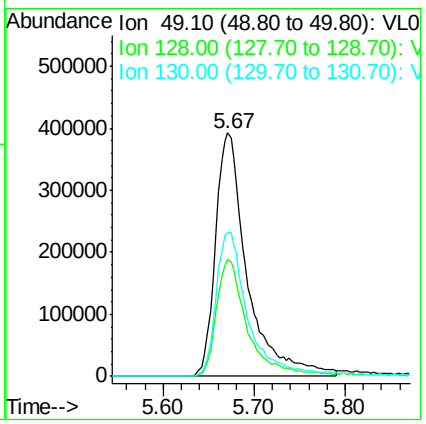


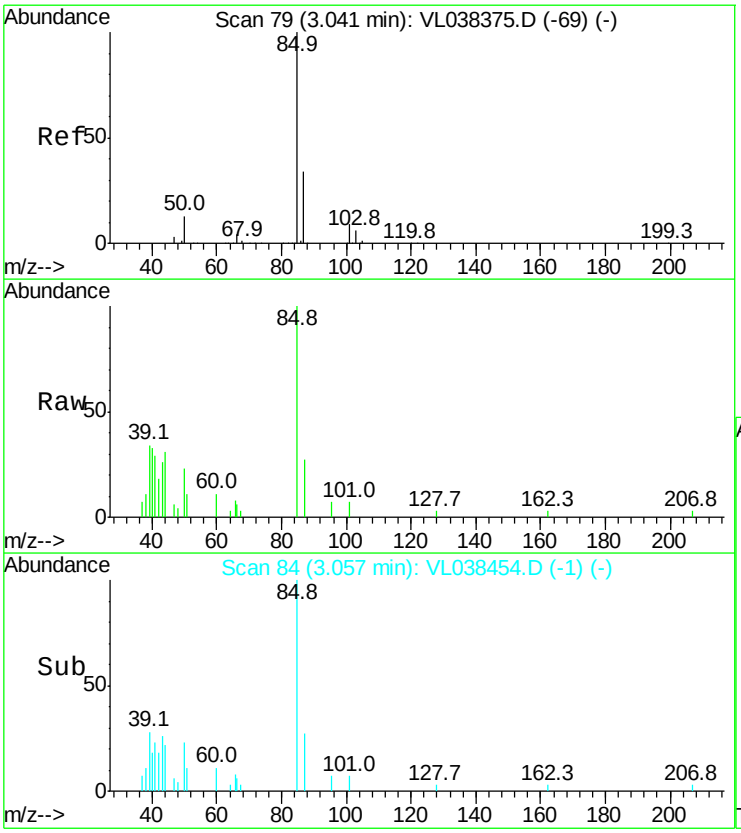
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 951589

Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.3	72.9
130	61.8	30.1	90.5

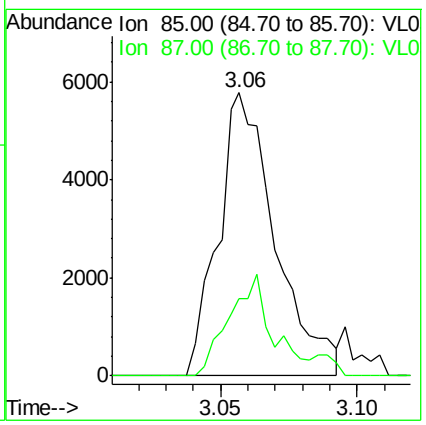


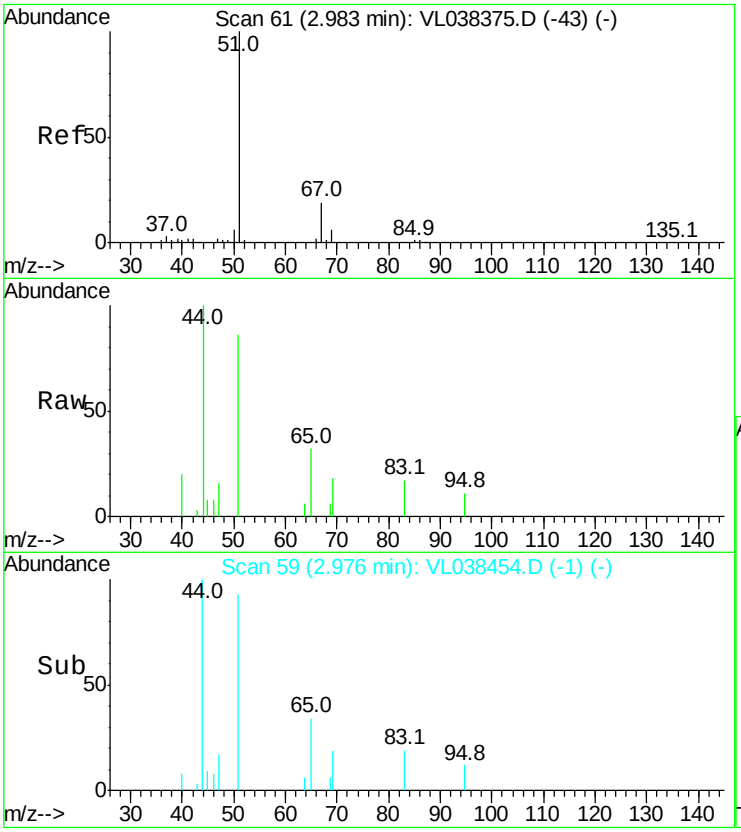


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.02 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 85 Resp: 8409

Ion	Ratio	Lower	Upper
85	100		
87	27.5	27.4	41.0



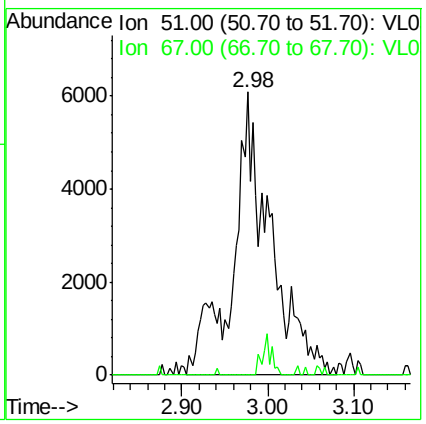


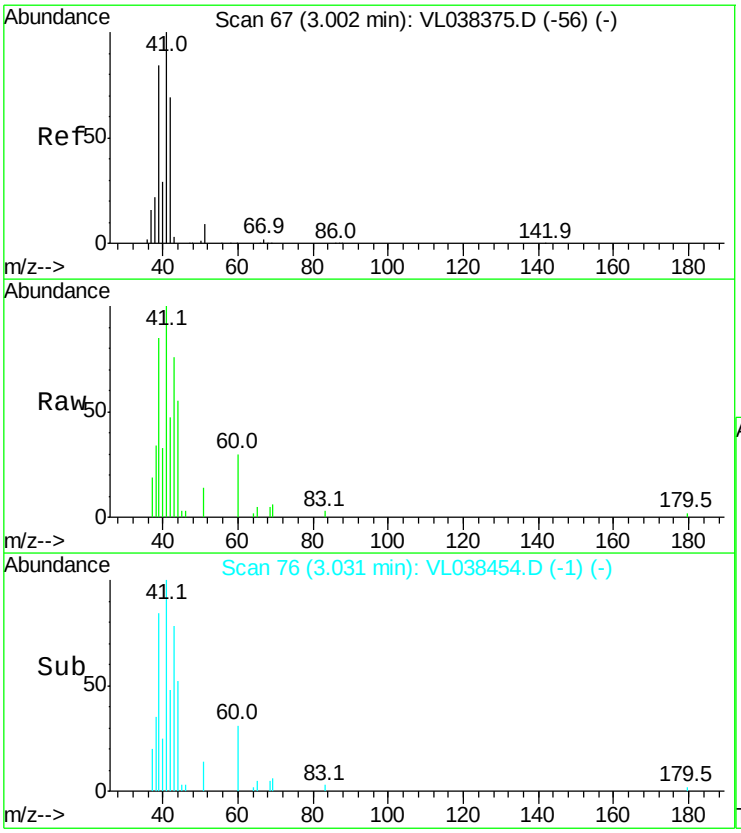
#3
Chlorodifluoromethane
Concen: 0.11 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 51 Resp: 18471

Ion	Ratio	Lower	Upper
51	100		
67	3.4	14.7	22.1#

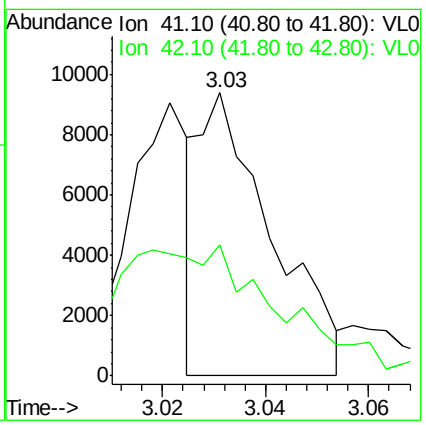


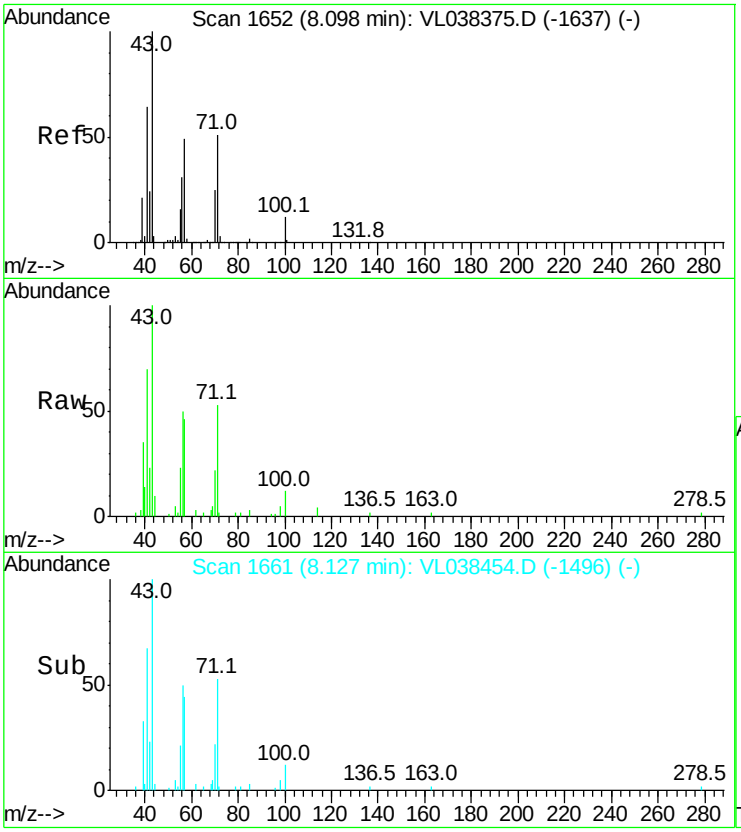


#9
Propene
Concen: 0.16 ppbv
RT: 3.03 min Scan# 76
Delta R.T. 0.03 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 41 Resp: 9115

Ion	Ratio	Lower	Upper
41	100		
42	113.4	54.6	82.0#



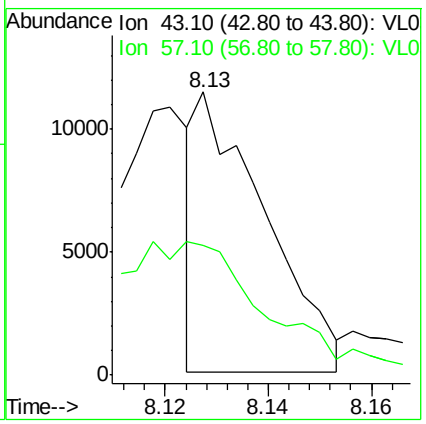


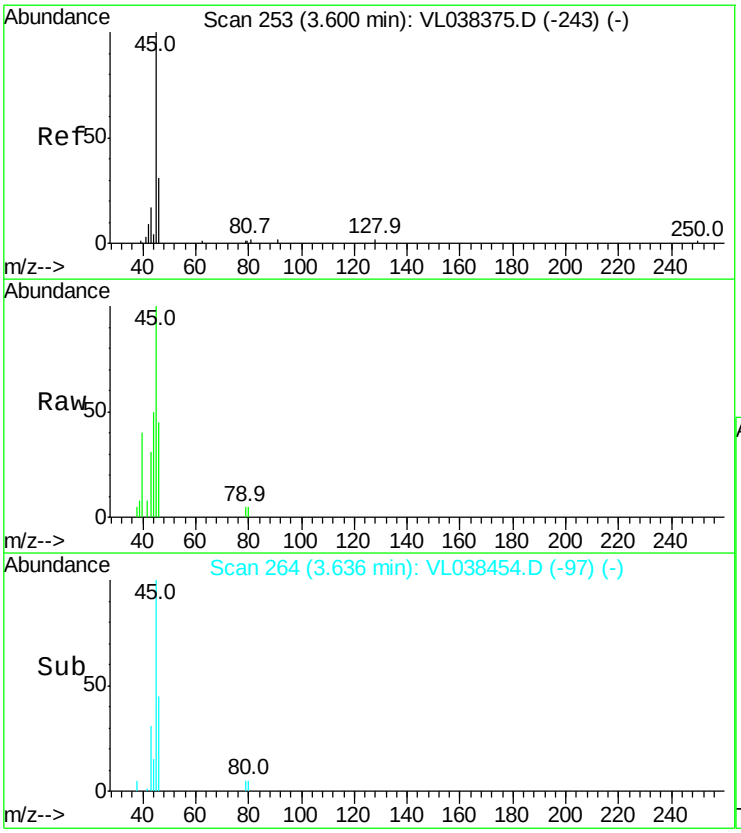
#10
Heptane
Concen: 0.08 ppbv
RT: 8.13
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 10536

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.8	59.8#

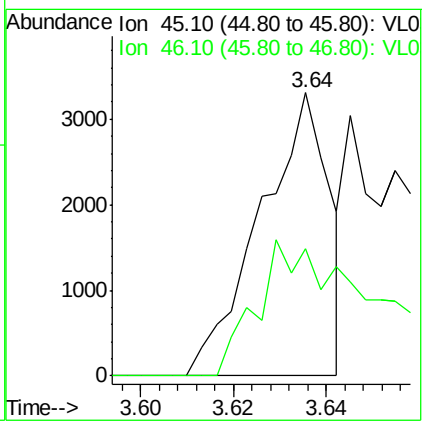


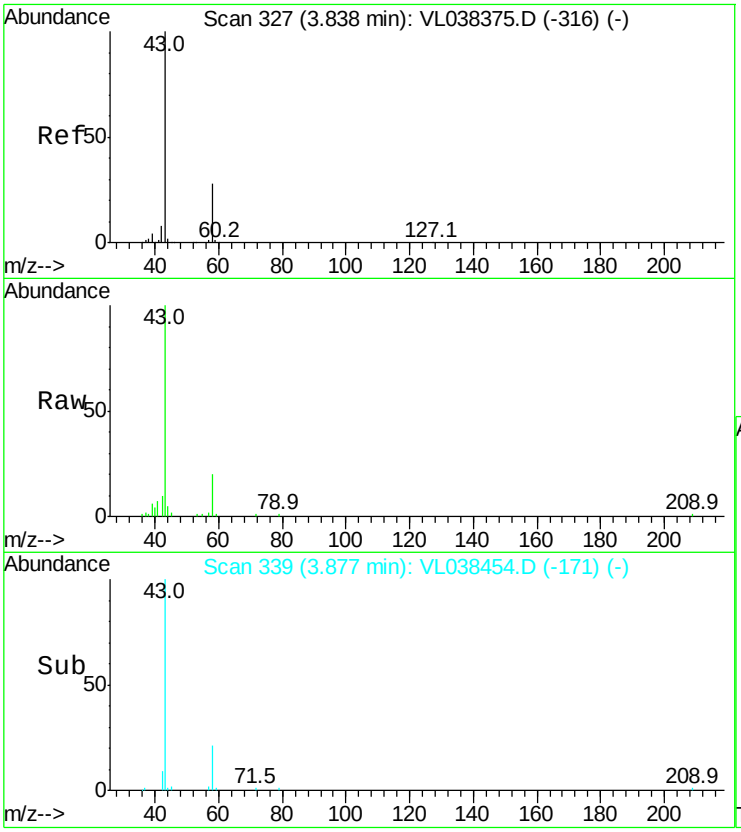


#13
Ethanol
Concen: 0.62 ppbv
RT: 3.64 min Scan# 264
Delta R.T. 0.04 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 45 Resp: 3429

Ion	Ratio	Lower	Upper
45	100		
46	88.6	18.2	72.8#



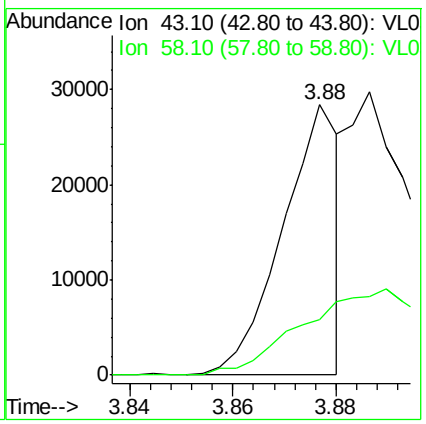


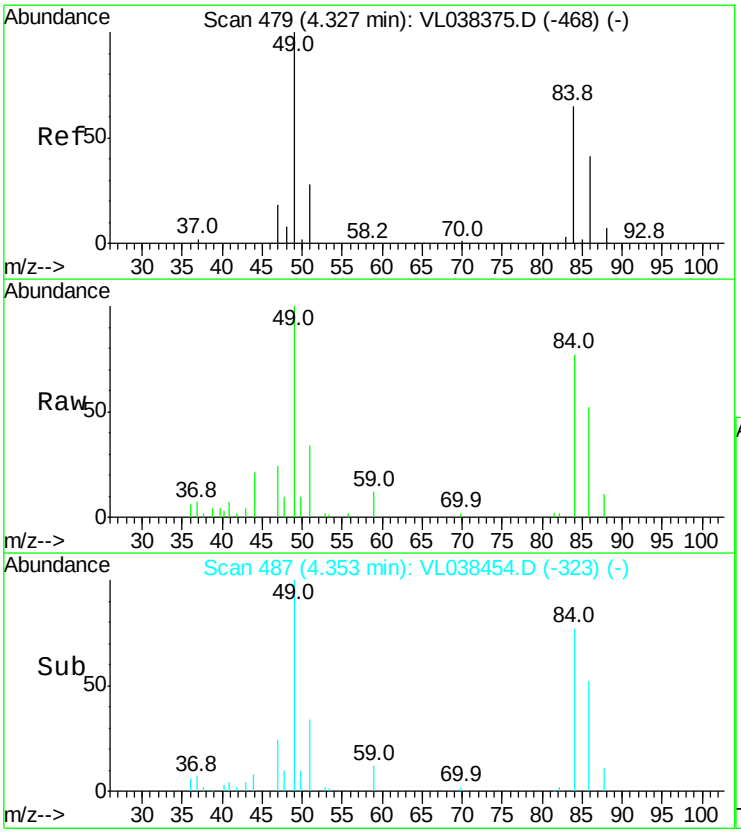
#15
Acetone
Concen: 0.27 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 21704

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	32.5#

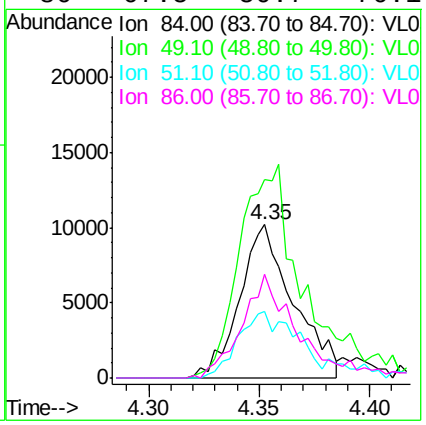


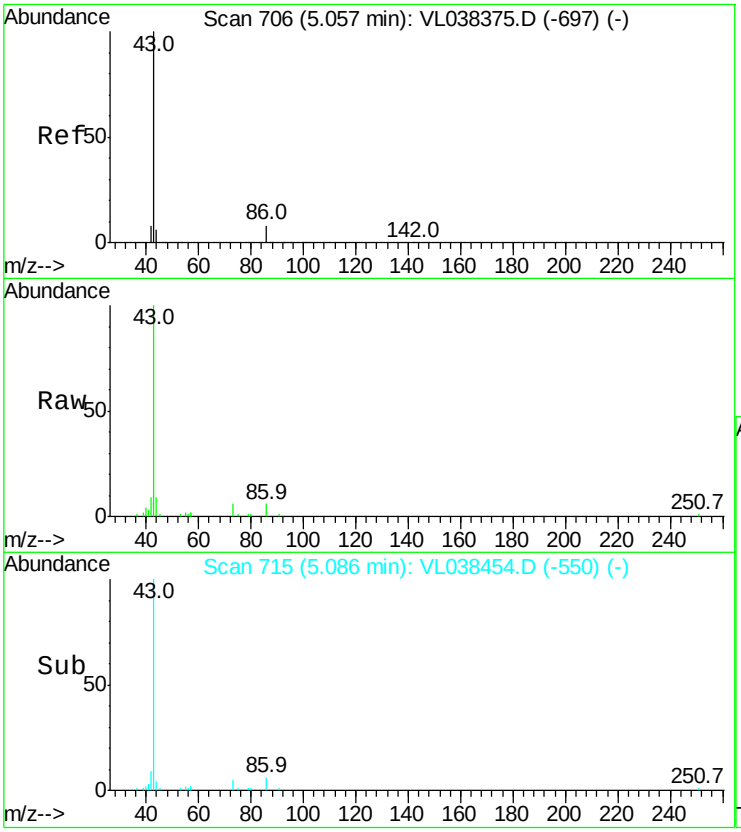


#20
Methylene Chloride
Concen: 0.43 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 84 Resp: 17356

Ion	Ratio	Lower	Upper
84	100		
49	129.2	122.4	183.6
51	43.8	33.3	49.9
86	67.5	50.7	76.1



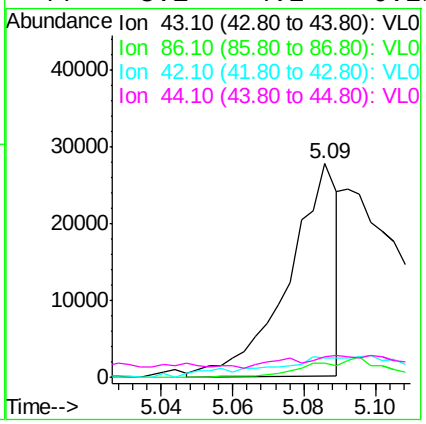


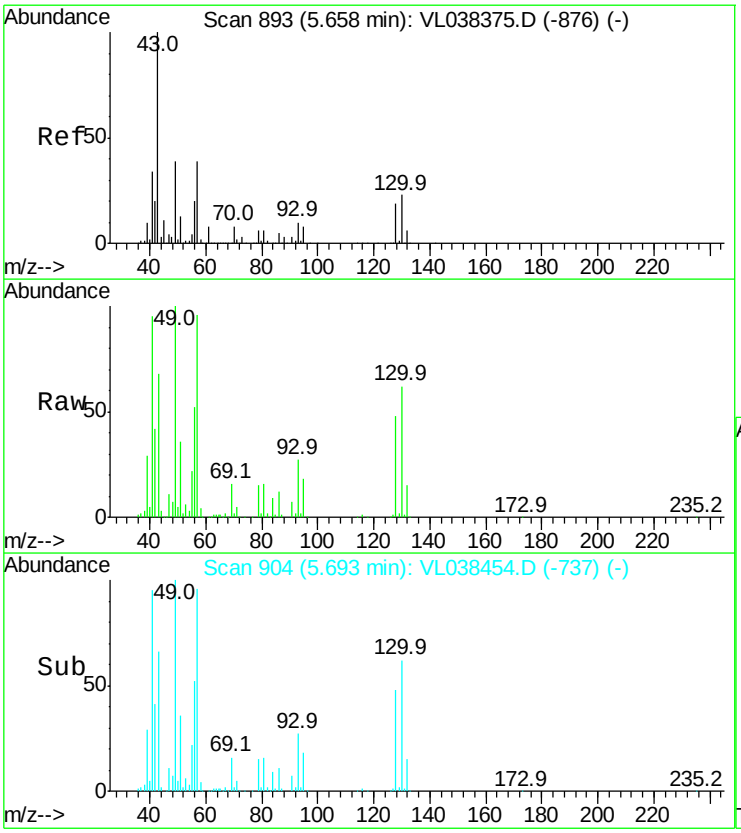
#23
Vinyl Acetate
Concen: 0.25 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 26298

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.8	8.6
42	5.1	7.4	11.0#
44	3.1	4.2	6.2#

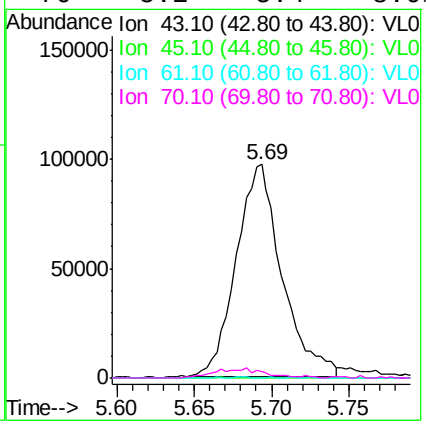


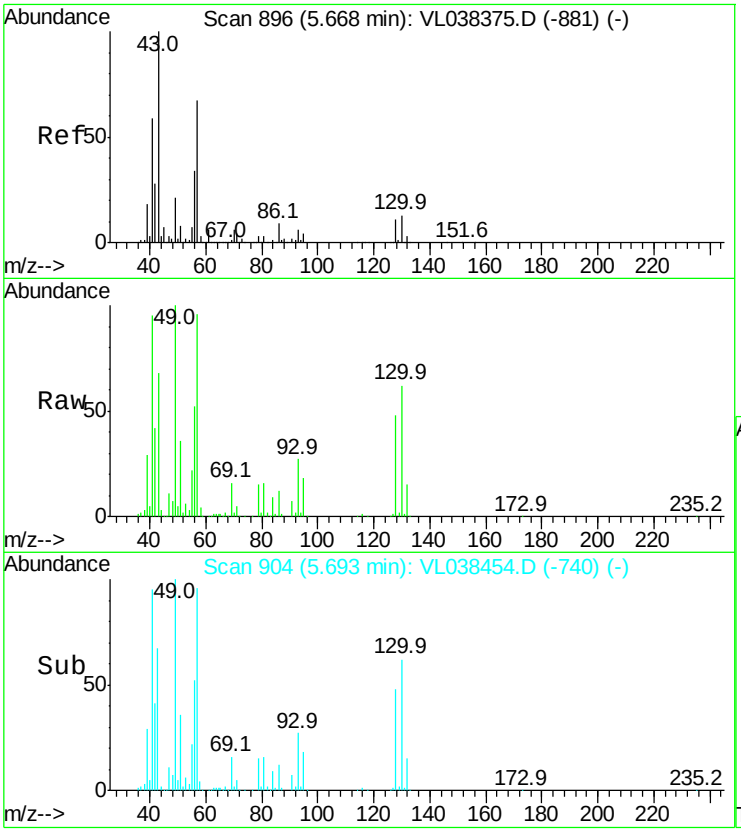


#25
Ethyl Acetate
Concen: 0.92 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.04 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 43 Resp: 199120

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	0.3	7.5	11.3#
70	5.2	5.4	8.0#



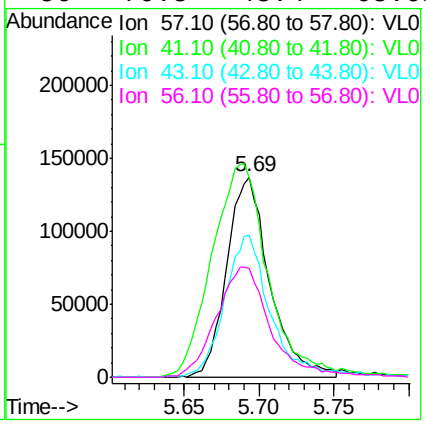


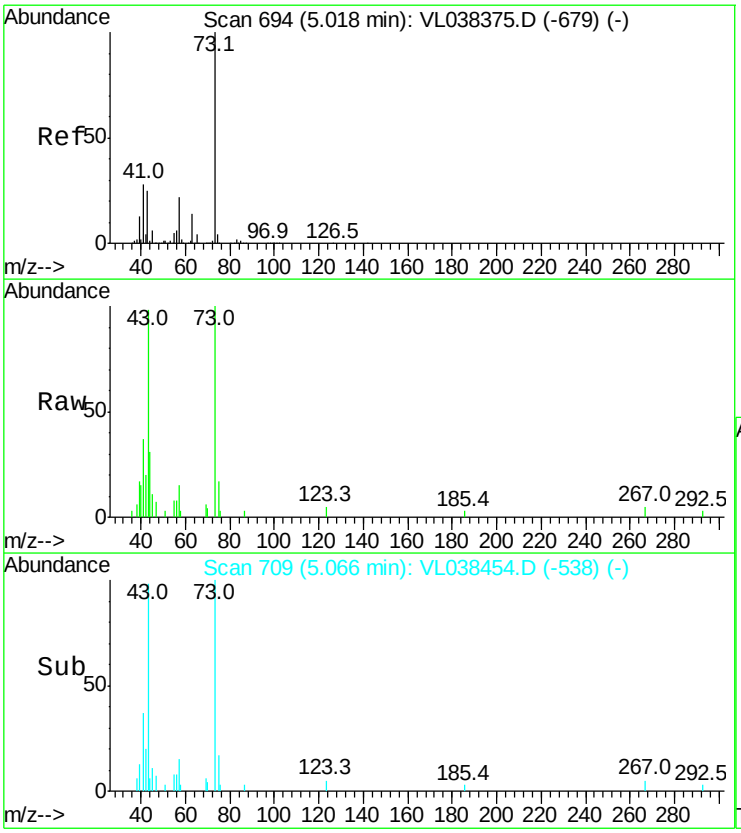
#26
Hexane
Concen: 2.75 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 57 Resp: 271060

Ion	Ratio	Lower	Upper
57	100		
41	142.2	73.1	109.7#
43	78.9	181.0	271.4#
56	70.5	43.4	65.0#

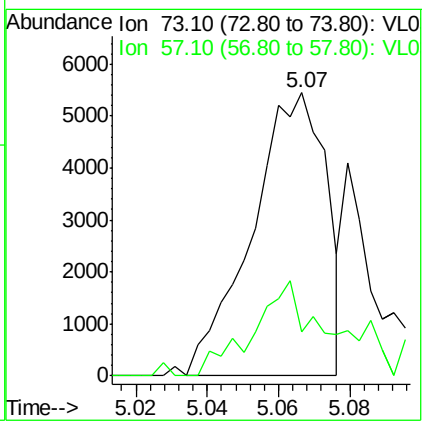


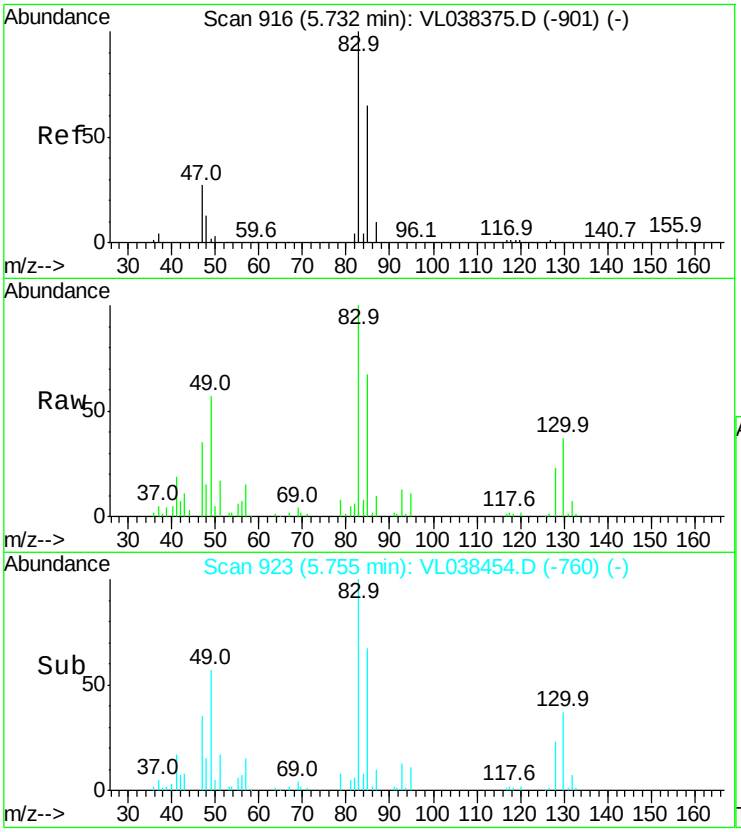


#28
Methyl tert-Butyl Ether
Concen: 0.08 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.05 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 73 Resp: 7860

Ion	Ratio	Lower	Upper
73	100		
57	43.4	18.2	27.4#



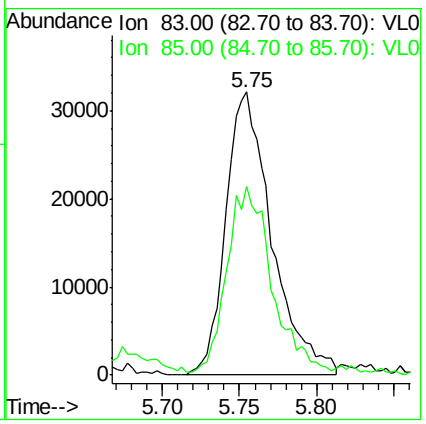


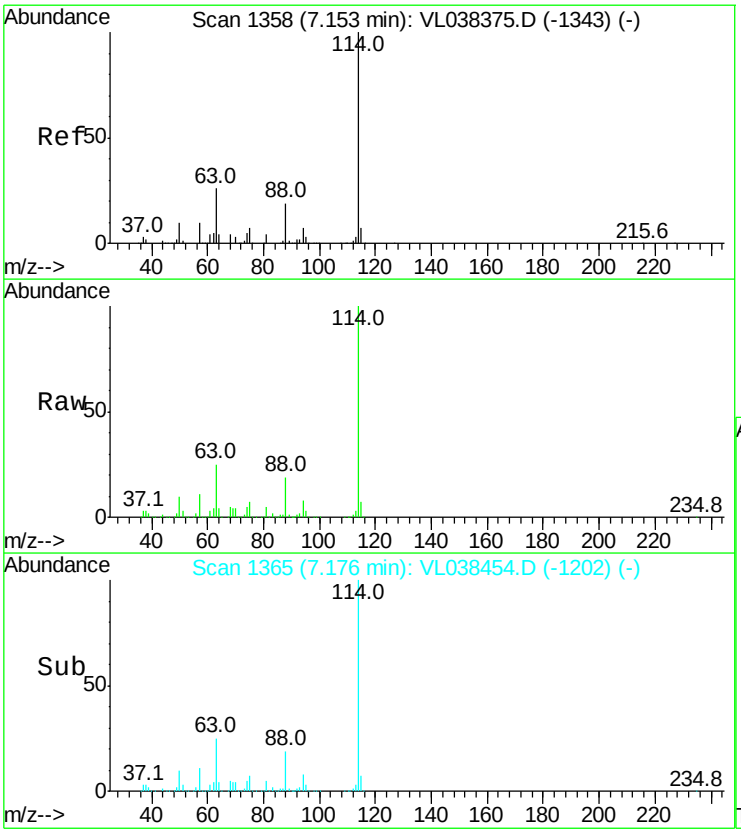
#29
Chloroform
Concen: 0.41 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 83 Resp: 66520

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.6	77.4

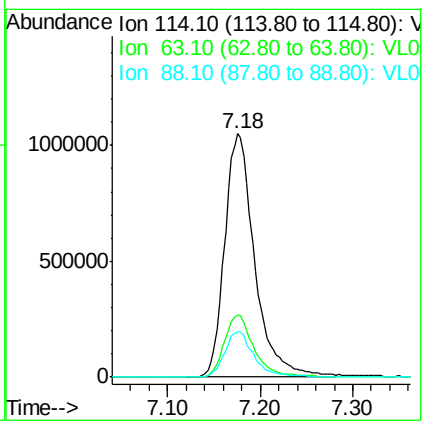


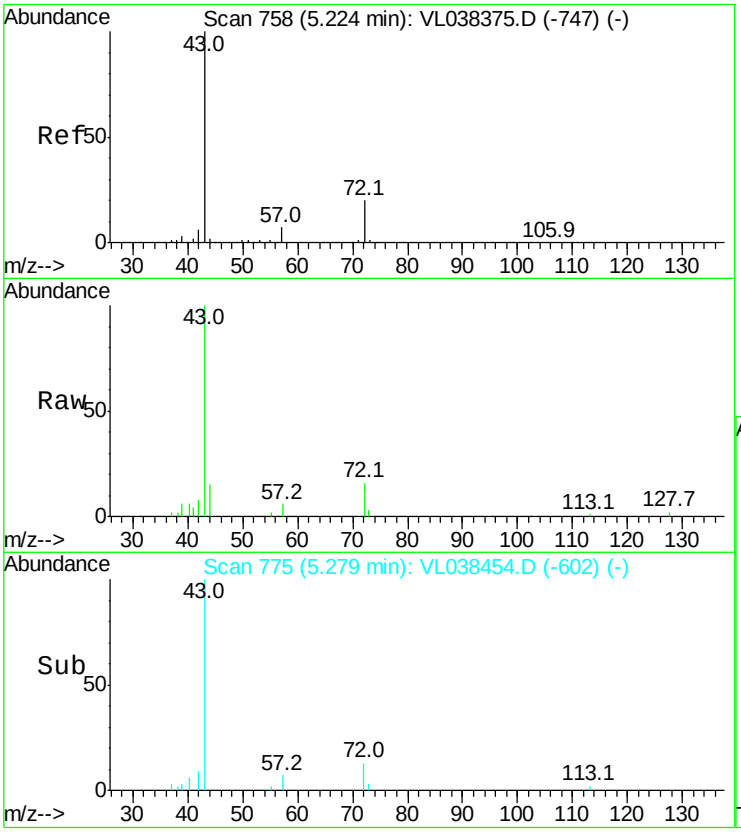


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion:114 Resp: 2361593

Ion	Ratio	Lower	Upper
114	100		
63	25.5	22.2	33.2
88	18.5	15.2	22.8



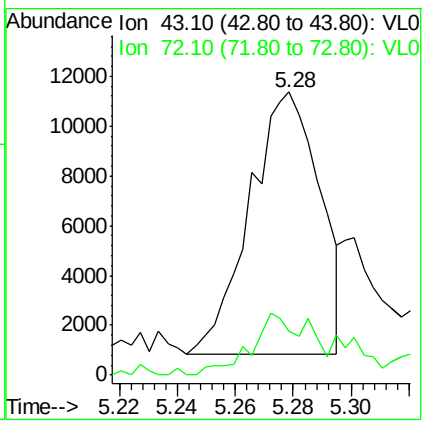


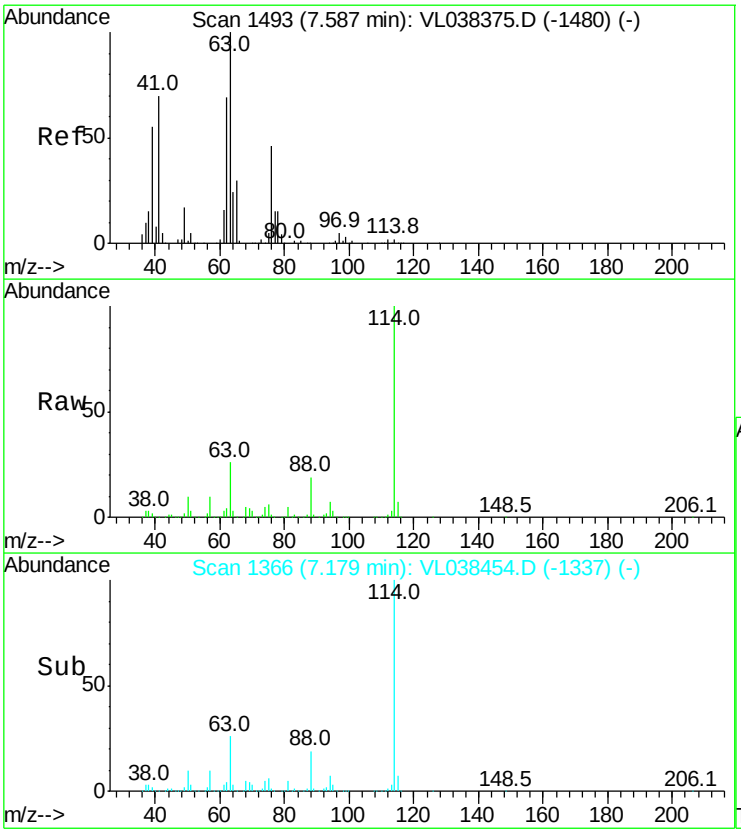
#34
2-Butanone
Concen: 0.24 ppbv
RT: 5.28
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 17702

Ion	Ratio	Lower	Upper
43	100		
72	33.1	17.4	26.2#

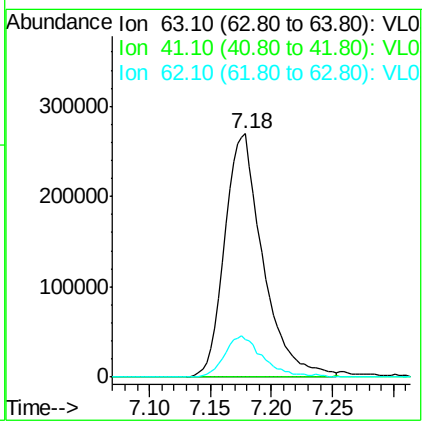


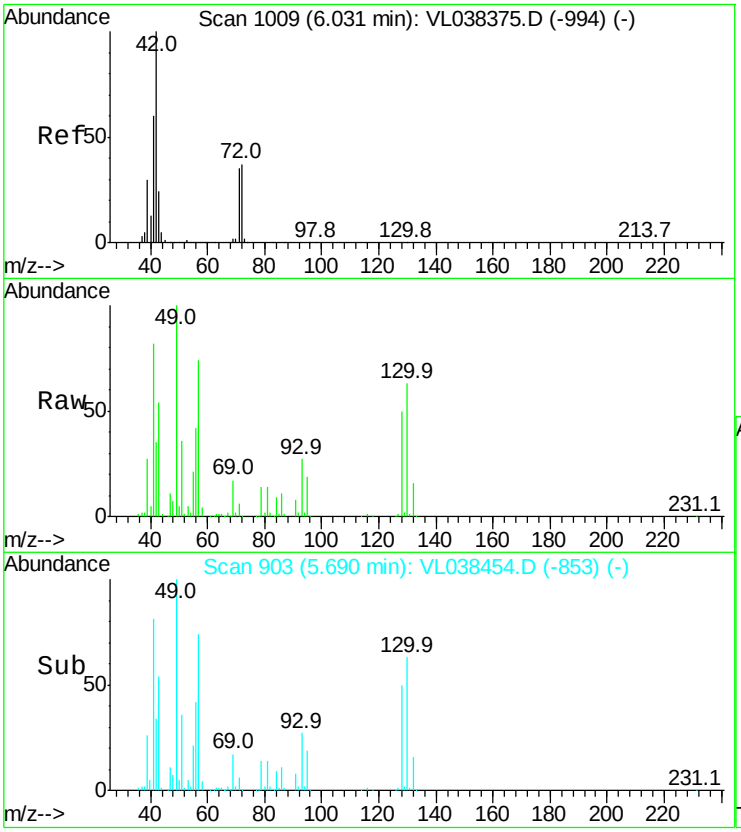


#39
1,2-Dichloropropane
Concen: 7.12 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.41 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 63 Resp: 589284

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	15.5	55.5	83.3#



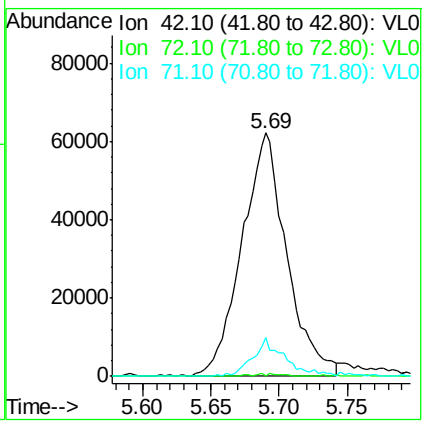


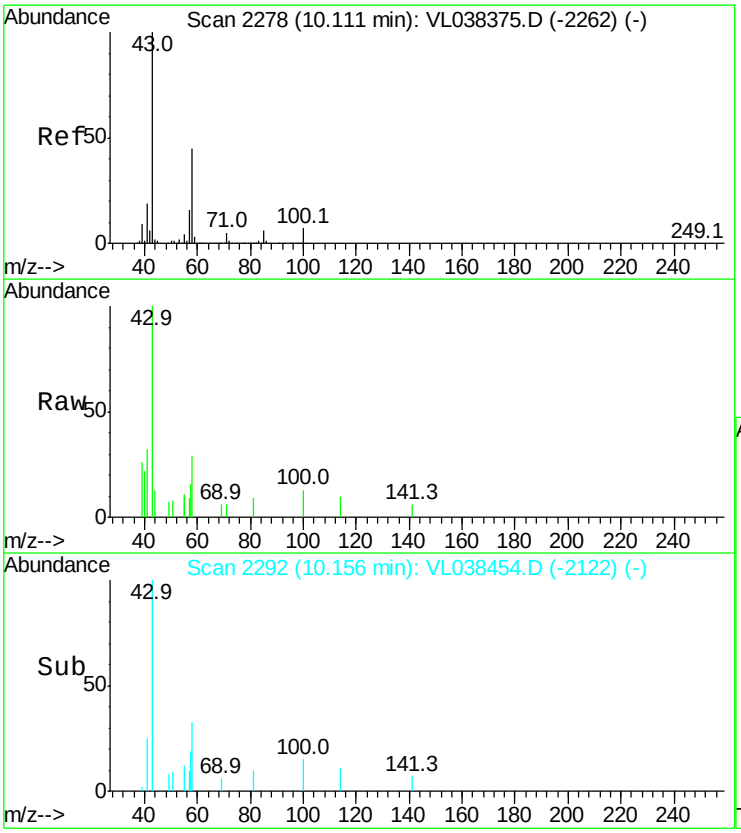
#41
Tetrahydrofuran
Concen: 2.80 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 42 Resp: 140651

Ion	Ratio	Lower	Upper
42	100		
72	0.7	29.9	44.9#
71	11.9	28.6	42.8#

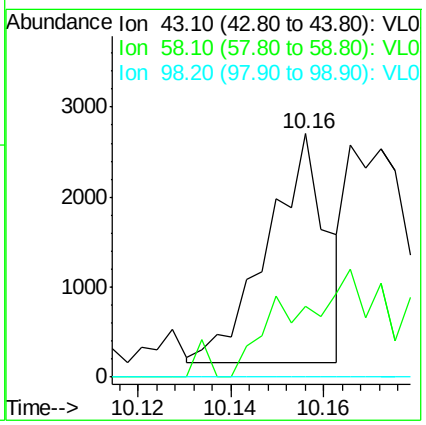


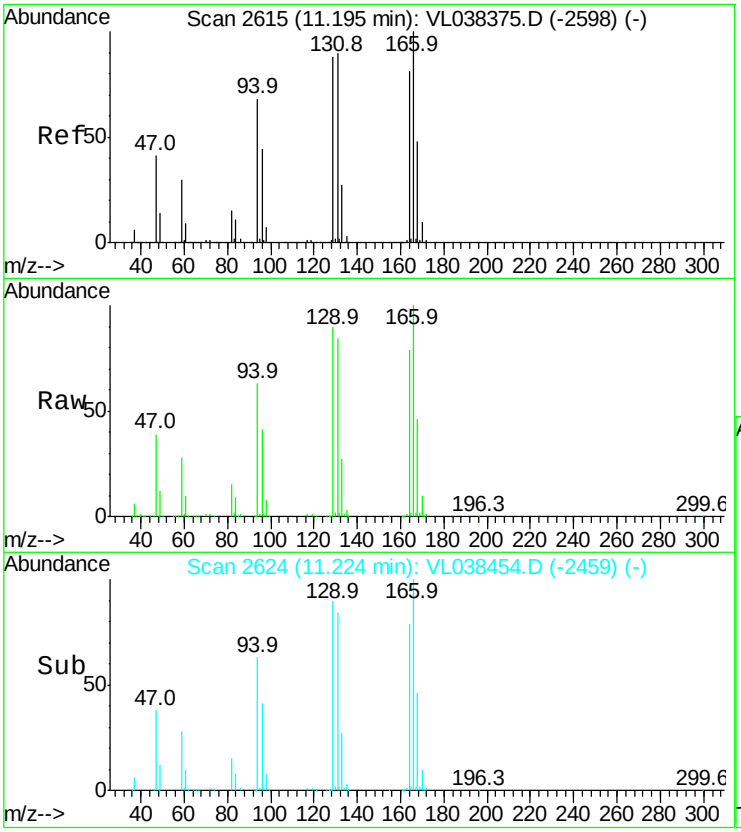


#51
2-Hexanone
Concen: 0.04 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.05 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 43 Resp: 2247

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.4	56.0#
98	0.0	0.1	0.1#



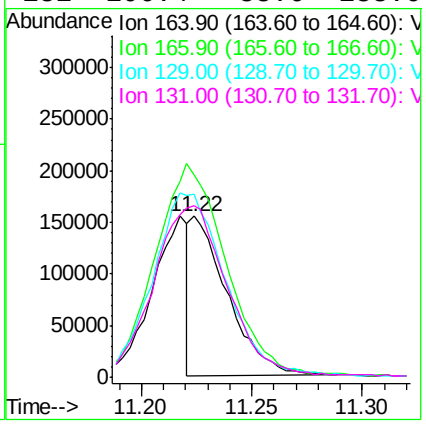


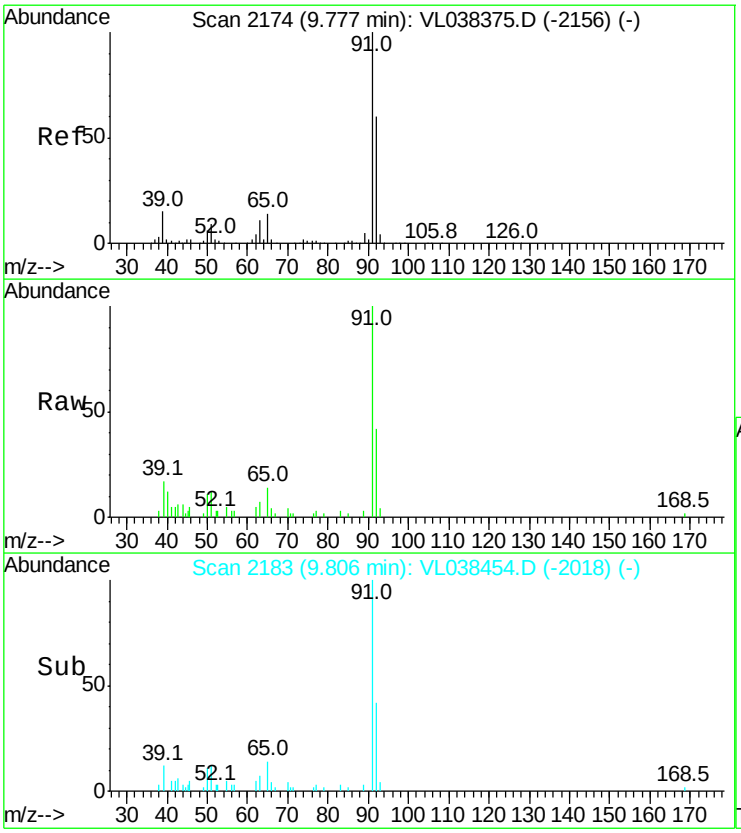
#52
Tetrachloroethene
Concen: 2.56 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:164 Resp: 176419

Ion	Ratio	Lower	Upper
164	100		
166	126.0	98.6	148.0
129	113.5	86.9	130.3
131	106.4	88.6	133.0

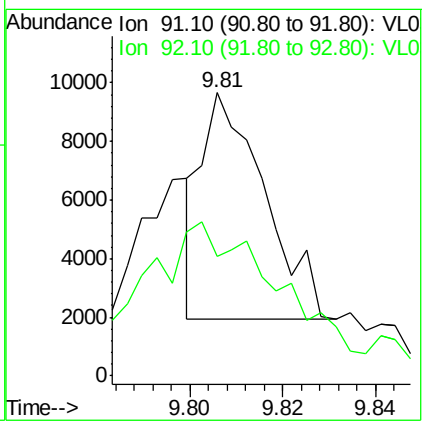


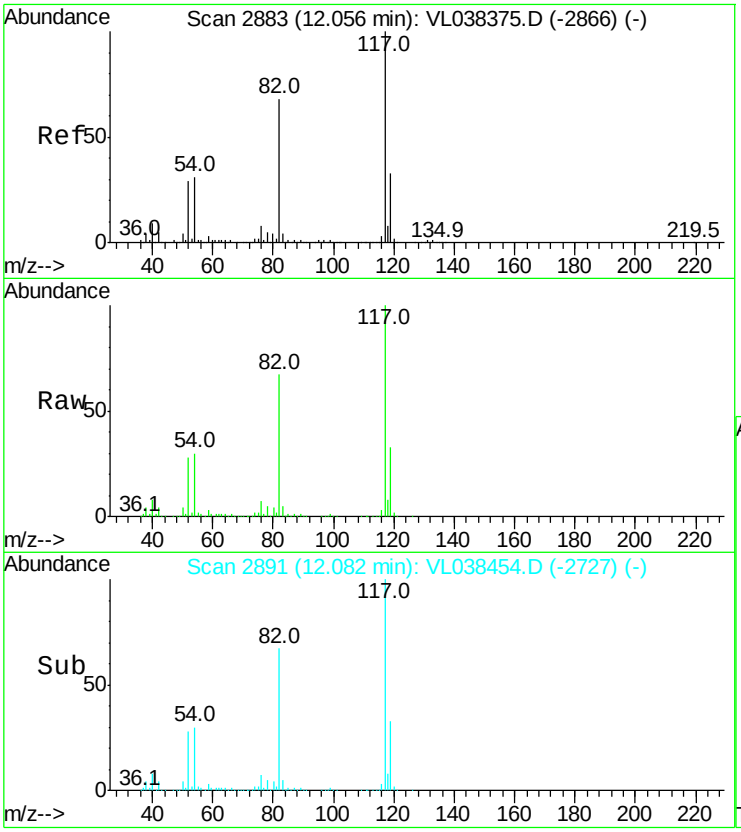


#53
Toluene
Concen: 0.03 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.03 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 91 Resp: 7246

Ion	Ratio	Lower	Upper
91	100		
92	167.4	48.2	72.4#



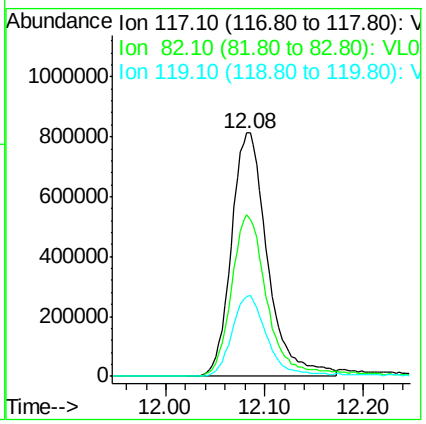


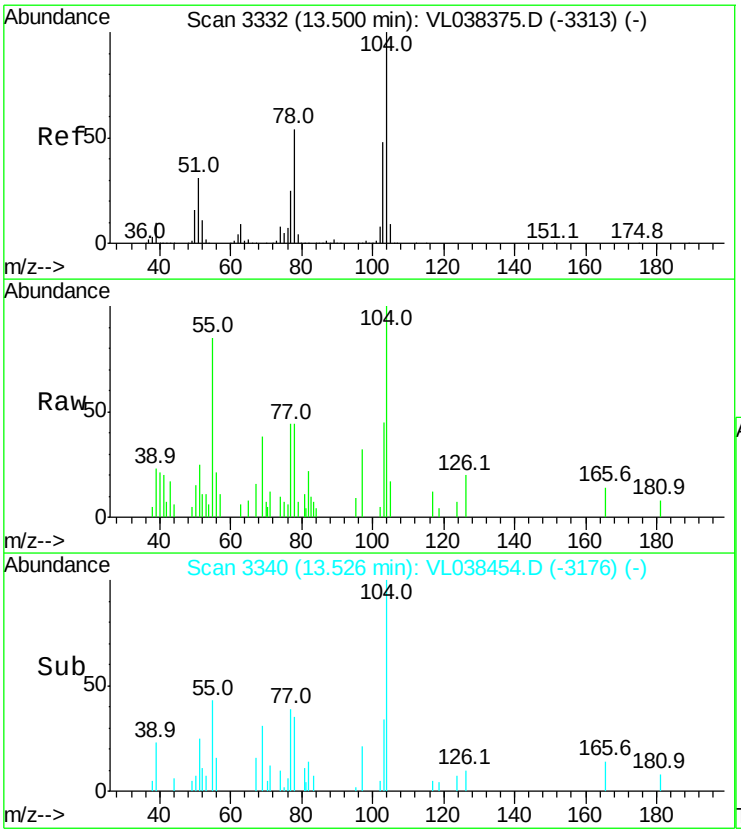
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 2064333

Ion	Ratio	Lower	Upper
117	100		
82	68.2	54.9	82.3
119	33.4	46.1	69.1#

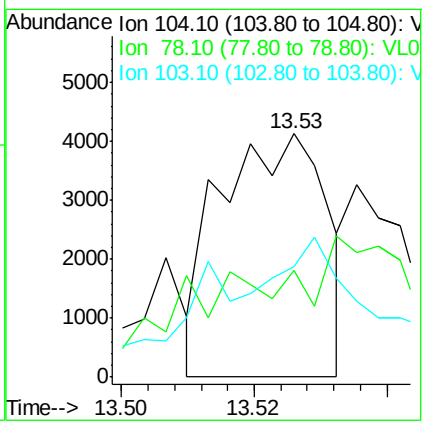


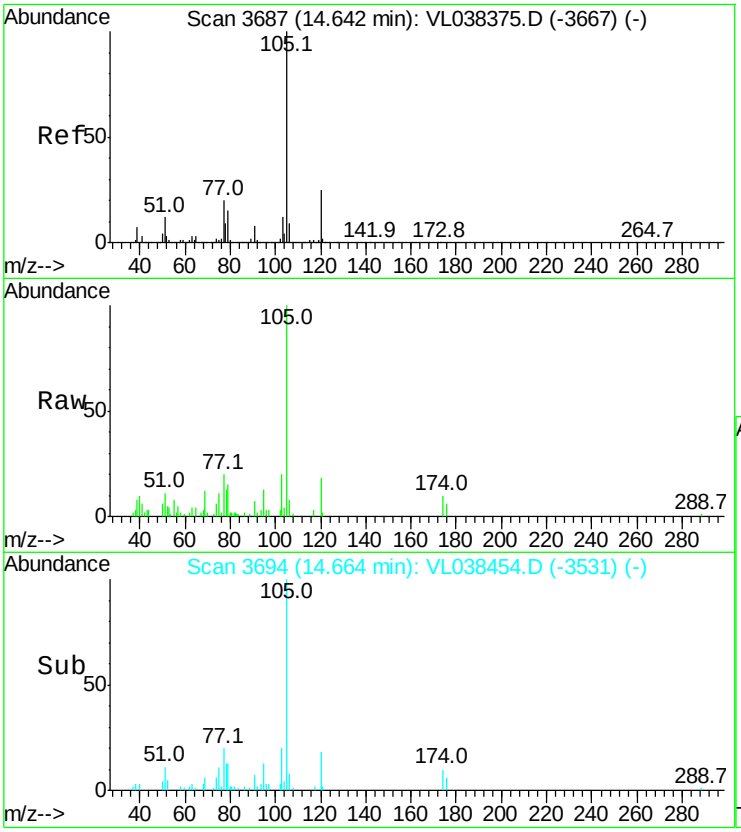


#61
Styrene
Concen: 0.04 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. 0.03 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion:104 Resp: 4601

Ion	Ratio	Lower	Upper
104	100		
78	55.9	44.2	66.4
103	102.0	38.4	57.6#



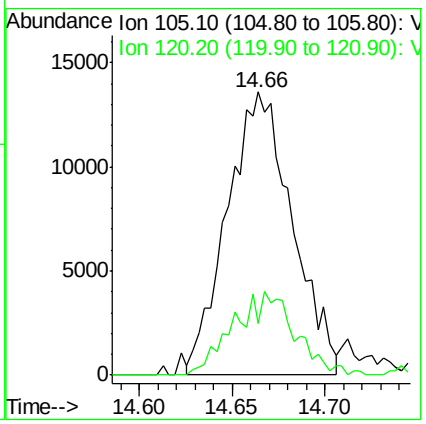


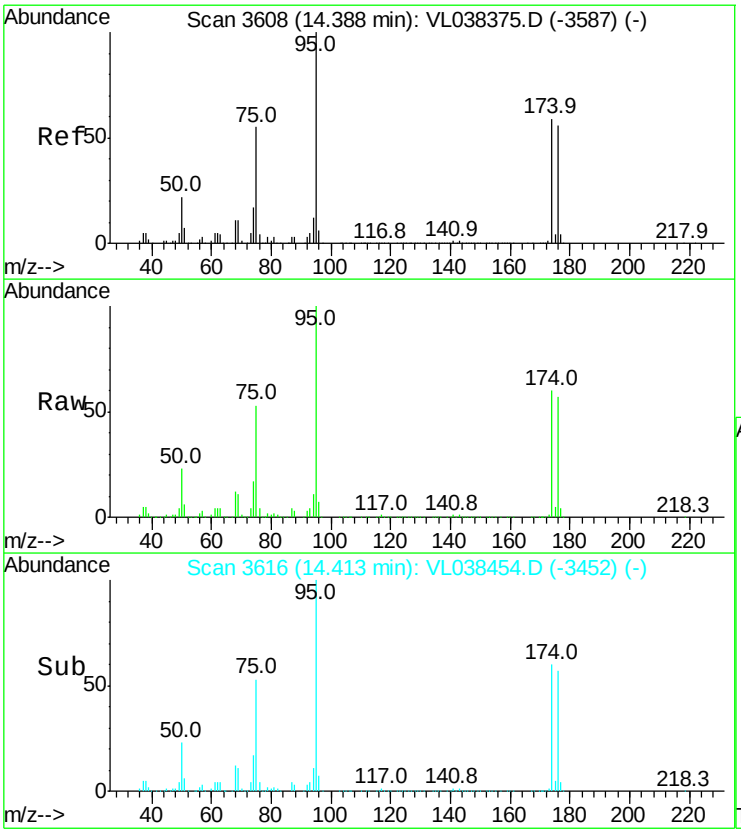
#62
Isopropylbenzene
Concen: 0.11 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 1 Mar 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:105 Resp: 33253

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.6	30.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.47 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.03 min
Lab File: VL038454.D
Acq: 1 Mar 2022 17:09

Tgt Ion: 95 Resp: 1617498

Ion	Ratio	Lower	Upper
95	100		
174	62.7	49.0	73.4
175	4.6	3.6	5.4