Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039274.D
Acq On : 14 Jun 2022 6:05
Operator : SY/AP
Sample : N3326-04DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Quant Time: Jun 14 08:08:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1239442	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2754757	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2228413	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1894478	10.28	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	22996	0.146	ppbv	#	84
4) Chloromethane	3.15	50	8517	0.105	ppbv	#	75
9) Propene	3.36	41	39523	0.575	ppbv		89
11) Trichlorofluoromethane	3.96	101	10235	0.052	ppbv		91
13) Ethanol	3.61	45	57154	15.241	ppbv	#	100
15) Acetone	3.86	43	437359	3.387	ppbv		94
16) 1,3-Butadiene	3.33	39	2508	0.036	ppbv	#	28
19) Isopropyl Alcohol	3.99	45	124810	2.061	ppbv	#	76
20) Methylene Chloride	4.35	84	57343	1.054	ppbv	#	93
23) Vinyl Acetate	5.09	43	4274	0.040	ppbv	#	50
25) Ethyl Acetate	5.68	43	25576	0.088	ppbv	#	65
26) Hexane	5.70	57	20501	0.160	ppbv	#	7
34) 2-Butanone	5.25	43	11598	0.077	ppbv	#	69
36) Benzene	6.90	78	8889	0.040	ppbv	#	64
39) 1,2-Dichloropropane	7.18	63	811772	9.125	ppbv	#	25
52) Tetrachloroethene	11.23	164	4529	0.052	ppbv	#	35
53) Toluene	9.81	91	29010	0.113	ppbv		90
71) 2-Chlorotoluene	15.32	91	98508	0.342	ppbv	#	45

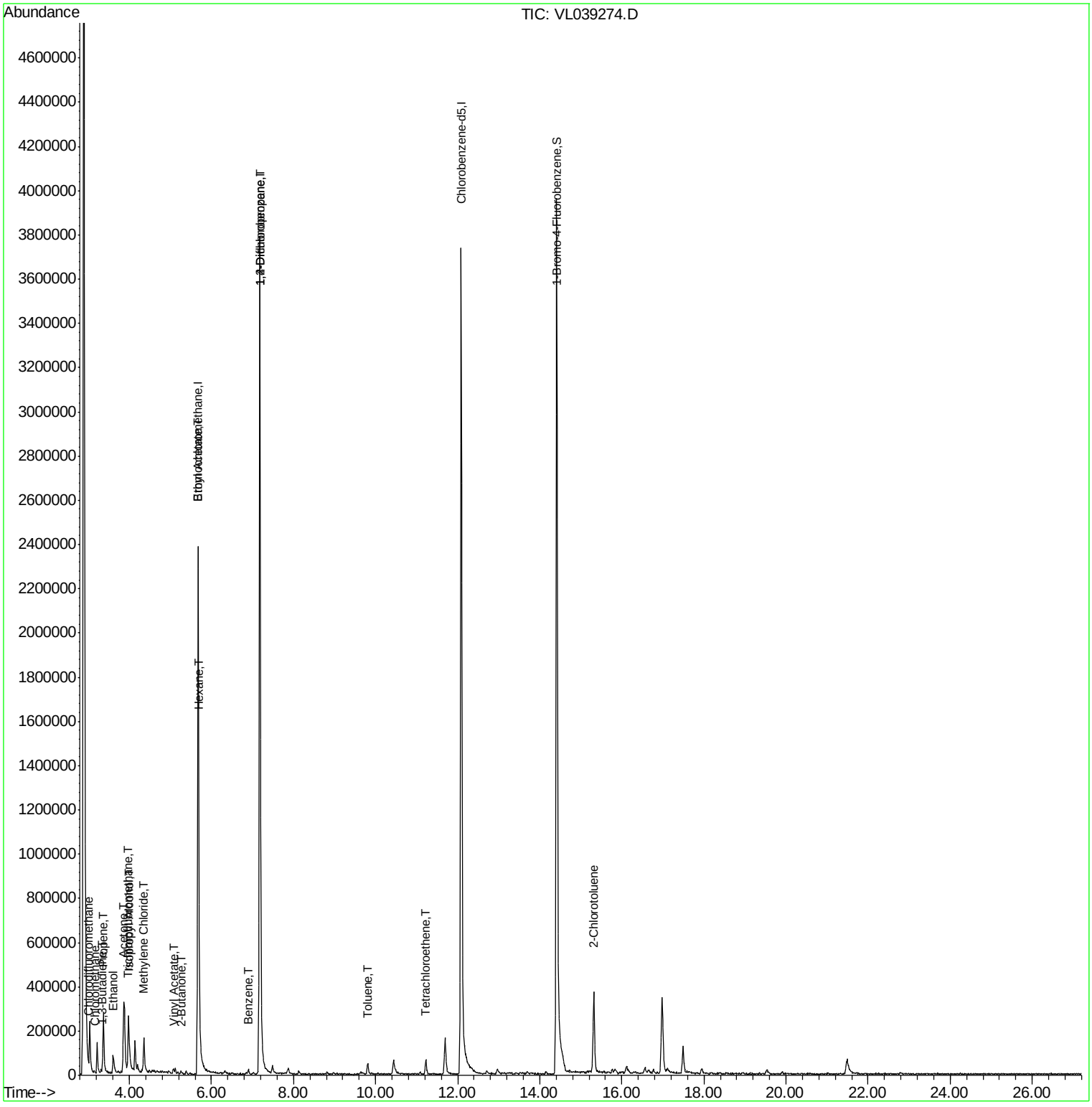
(#) = qualifier out of range (m) = manual integration (+) = signals summed

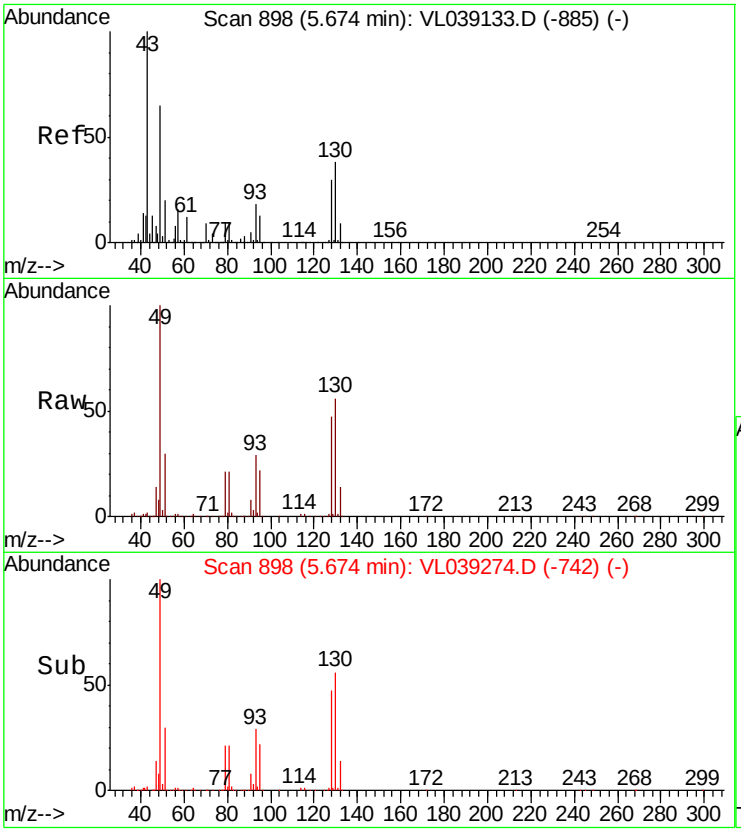
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039274.D
Acq On : 14 Jun 2022 6:05
Operator : SY/AP
Sample : N3326-04DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Quant Time: Jun 14 08:08:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



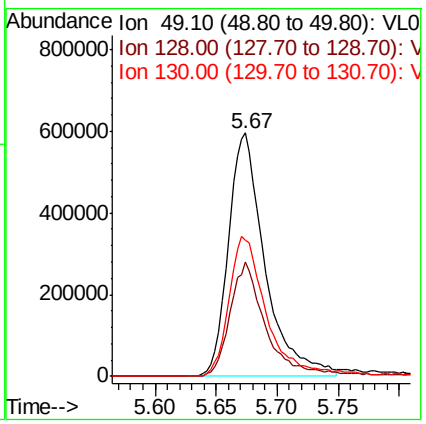


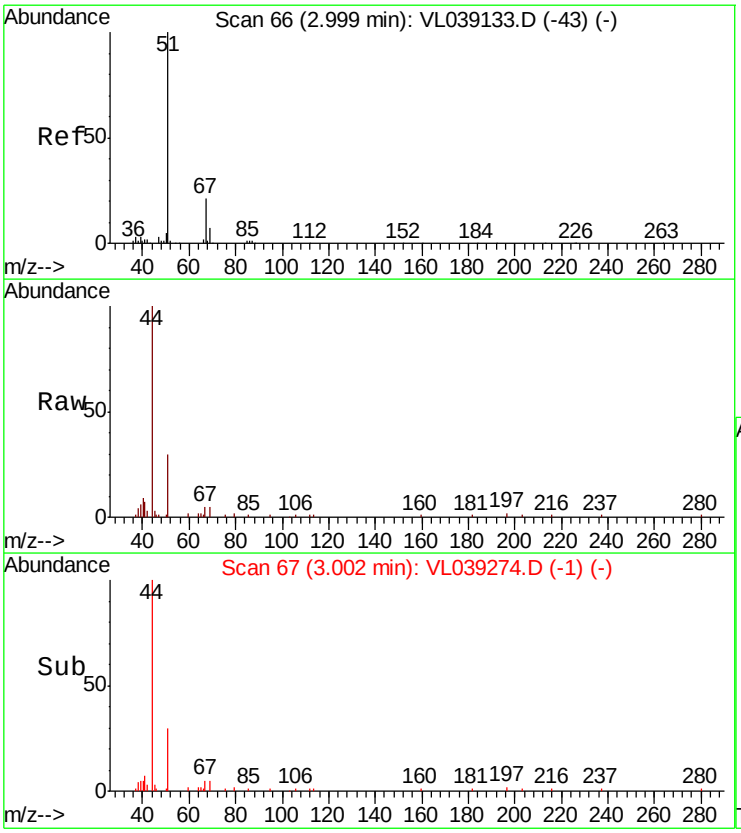
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 49 Resp: 1239442

Ion	Ratio	Lower	Upper
49	100		
128	46.2	24.7	74.1
130	60.9	31.4	94.0

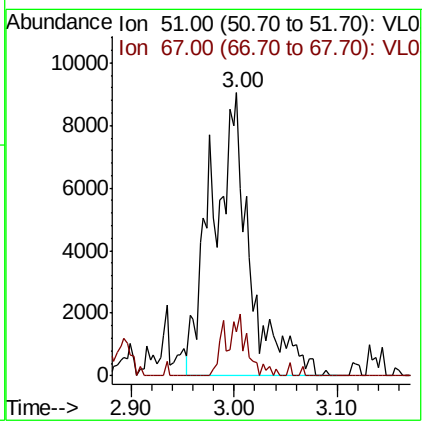


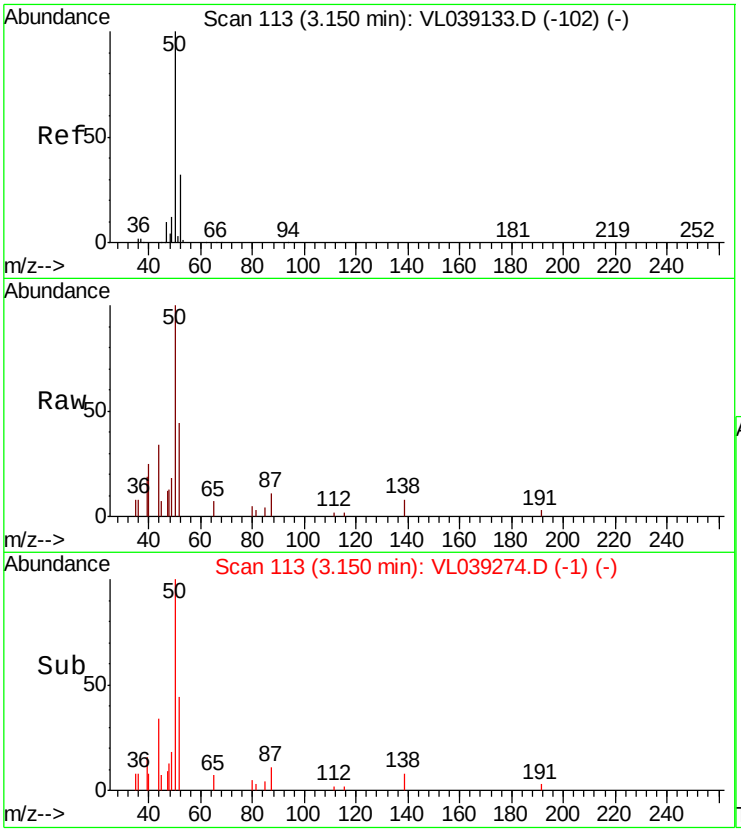


#3
Chlorodifluoromethane
Concen: 0.146 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 51 Resp: 22996

Ion	Ratio	Lower	Upper
51	100		
67	12.9	16.2	24.4#



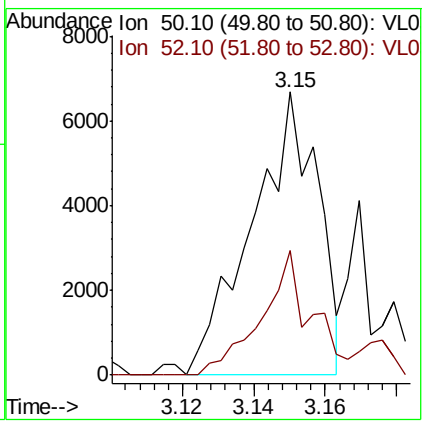


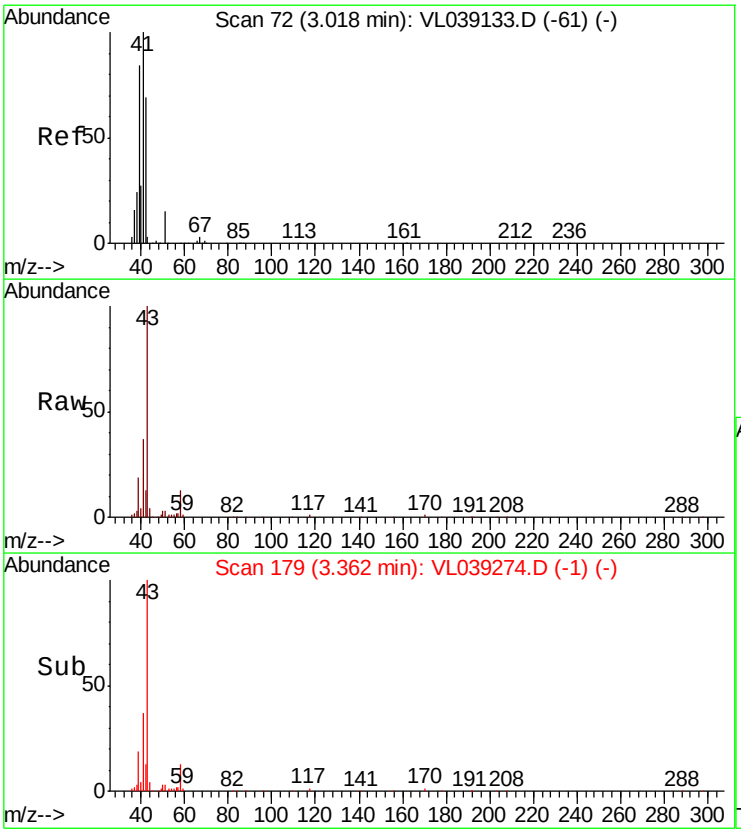
#4
Chloromethane
Concen: 0.105 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 50 Resp: 8517

Ion	Ratio	Lower	Upper
50	100		
52	46.3	25.9	38.9#

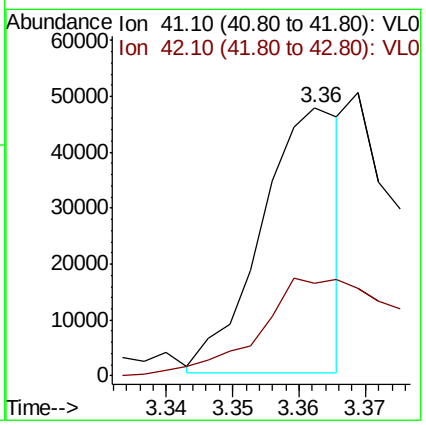


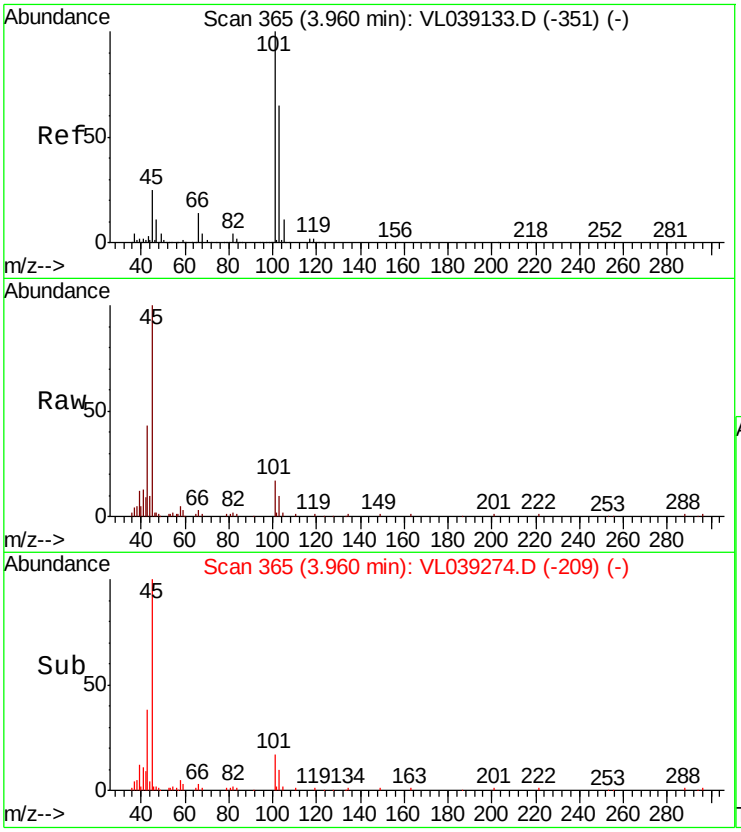


#9
Propene
Concen: 0.575 ppbv
RT: 3.36 min Scan# 179
Delta R.T. 0.34 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 41 Resp: 39523

Ion	Ratio	Lower	Upper
41	100		
42	78.4	55.4	83.2



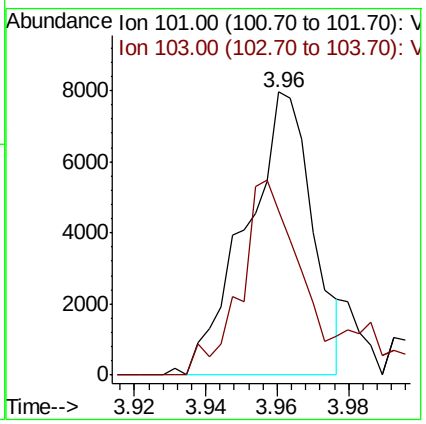


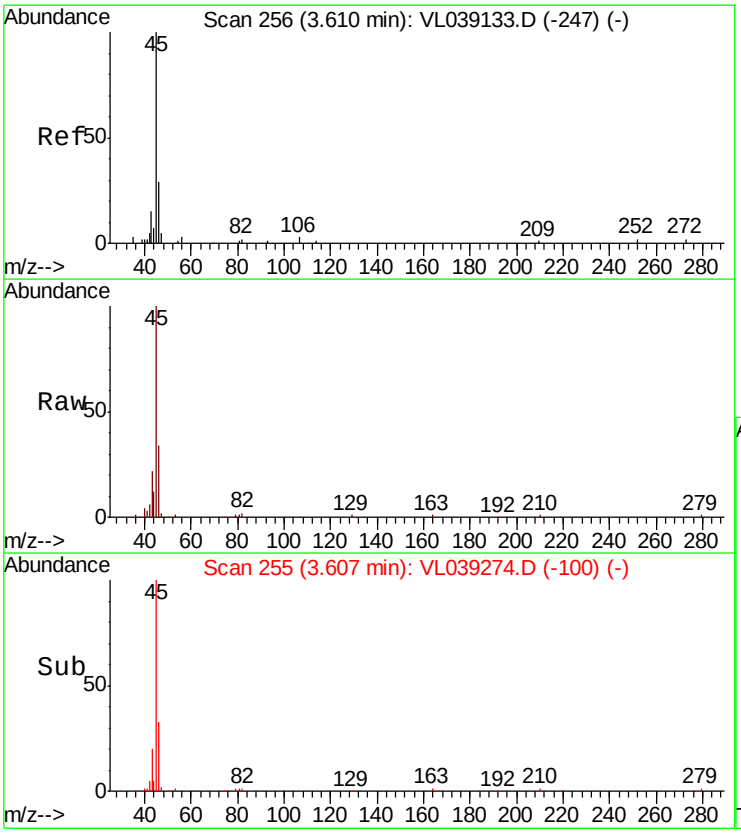
#11
Trichlorofluoromethane
Concen: 0.052 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:101 Resp: 10235

Ion	Ratio	Lower	Upper
101	100		
103	57.8	51.7	77.5

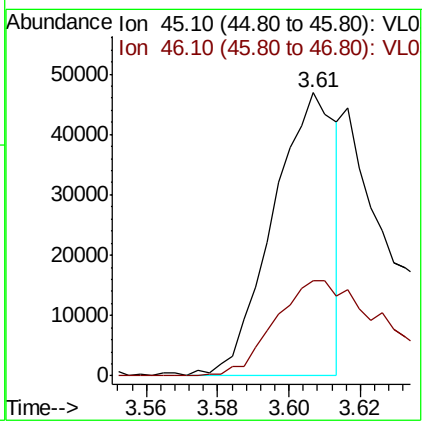


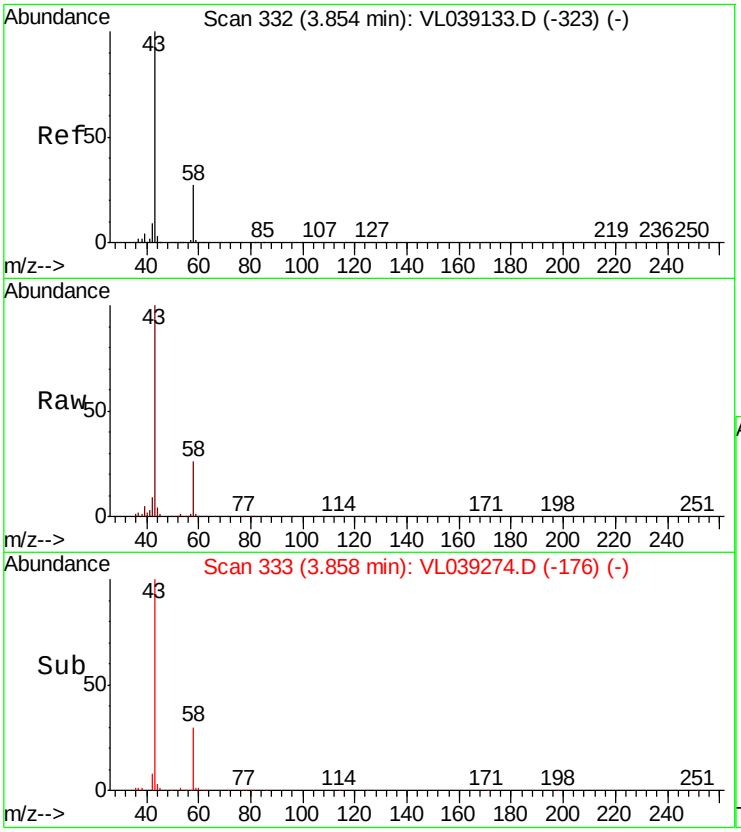


#13
Ethanol
Concen: 15.241 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 45 Resp: 57154

Ion	Ratio	Lower	Upper
45	100		
46	72.3	0.0	0.0#



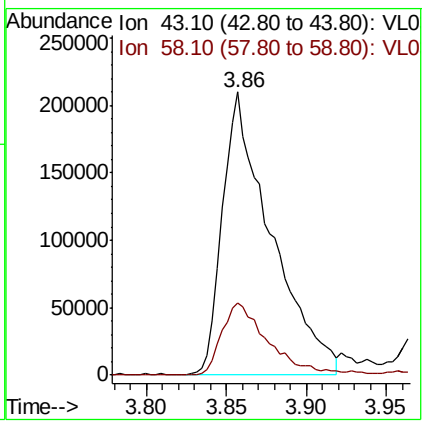


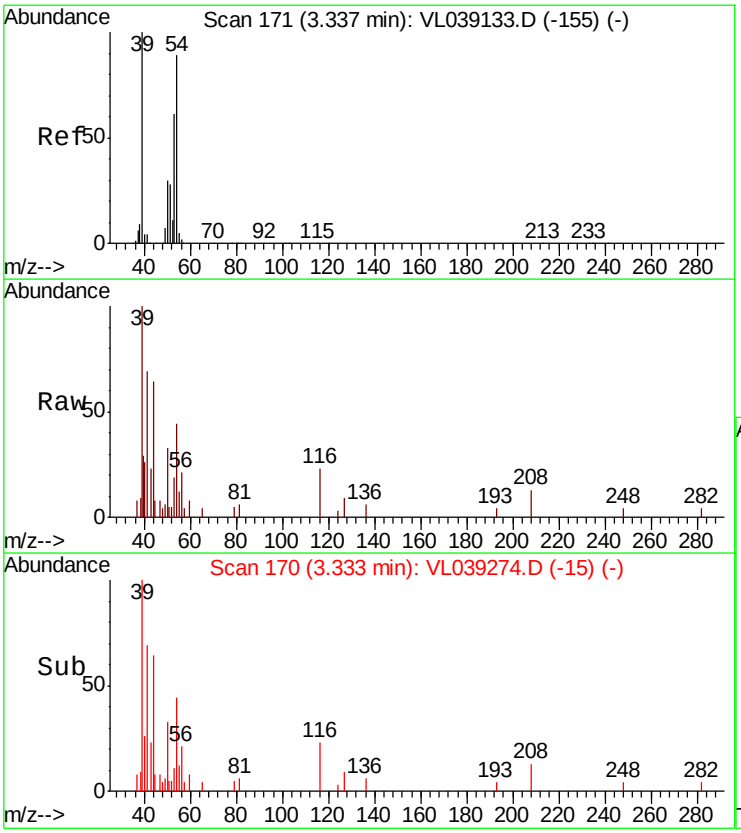
#15
Acetone
Concen: 3.387 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 43 Resp: 437359

Ion	Ratio	Lower	Upper
43	100		
58	24.8	22.5	33.7

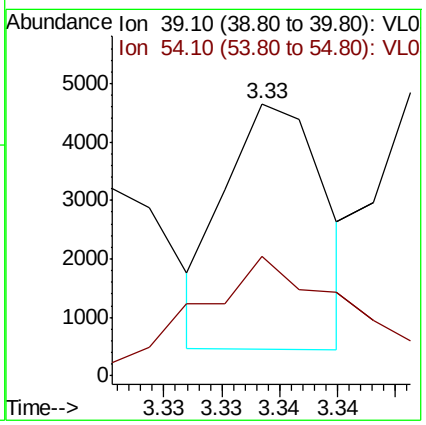


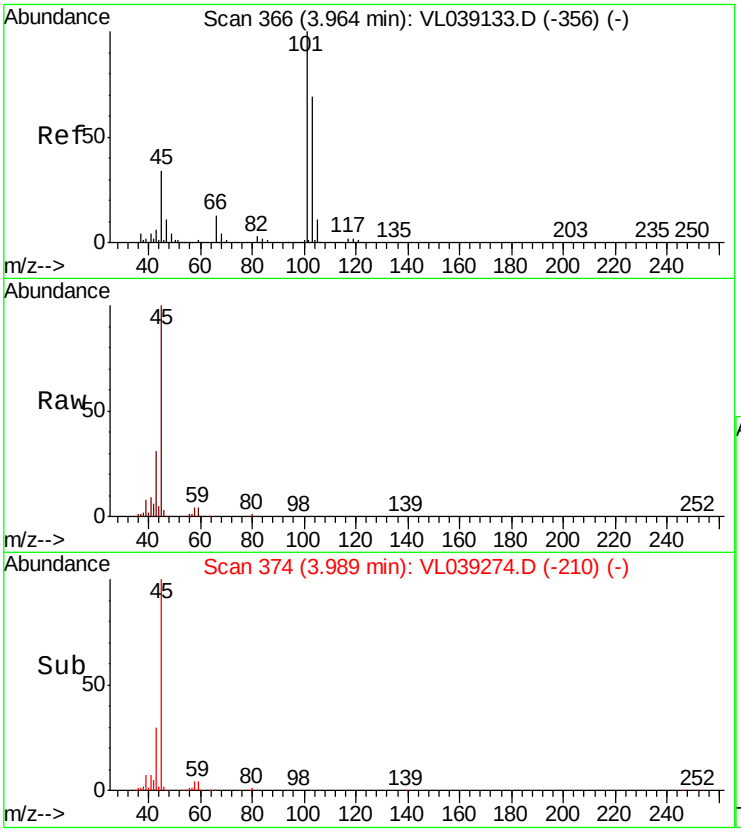


#16
1,3-Butadiene
Concen: 0.036 ppbv
RT: 3.33 min Scan# 170
Delta R.T. -0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 39 Resp: 2508

Ion	Ratio	Lower	Upper
39	100		
54	146.3	65.8	98.6#



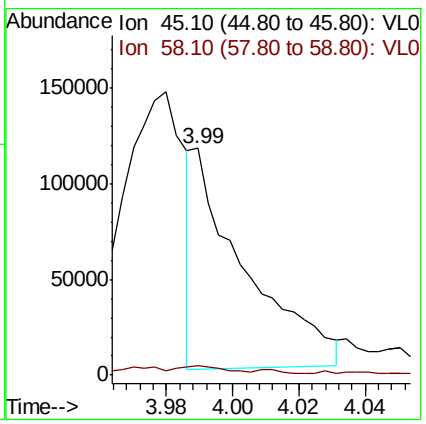


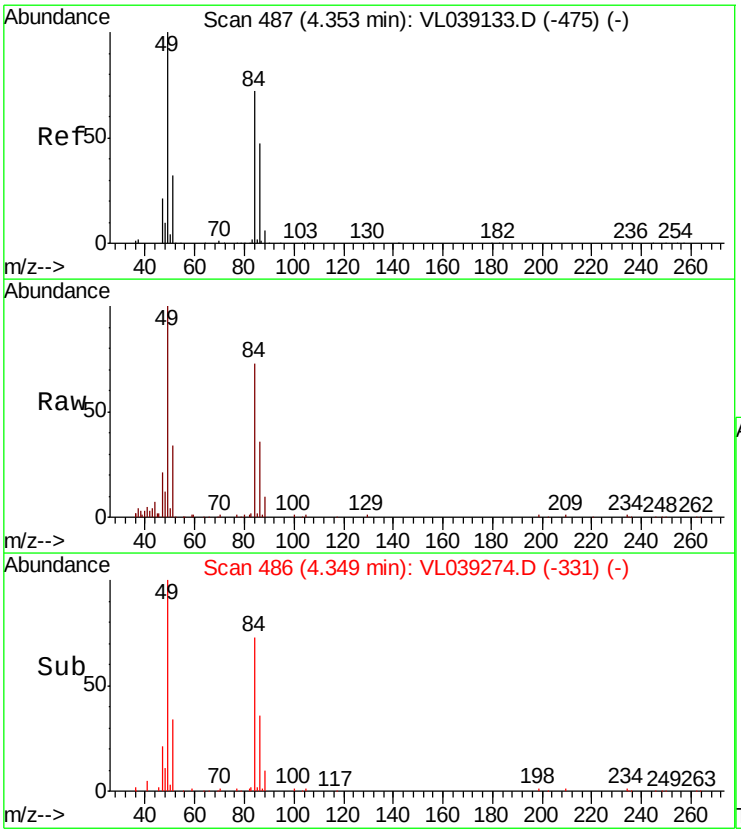
#19
Isopropyl Alcohol
Concen: 2.061 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 45 Resp: 124810

Ion	Ratio	Lower	Upper
45	100		
58	10.7	1.8	2.8#

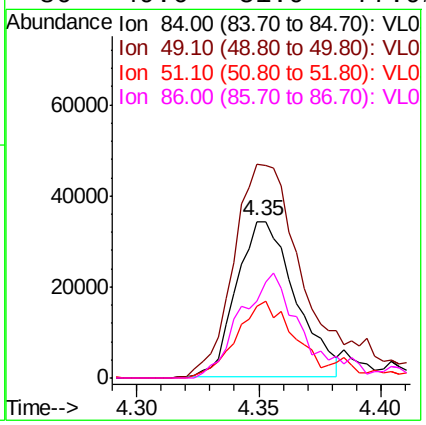


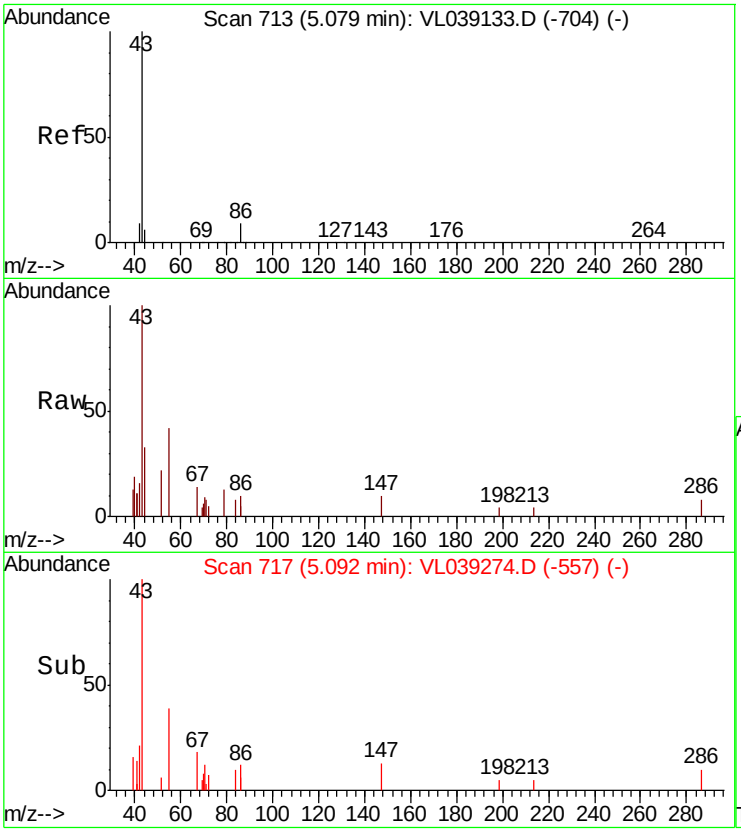


#20
Methylene Chloride
Concen: 1.054 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 84 Resp: 57343

Ion	Ratio	Lower	Upper
84	100		
49	136.7	111.1	166.7
51	46.4	35.3	52.9
86	49.6	51.9	77.9#



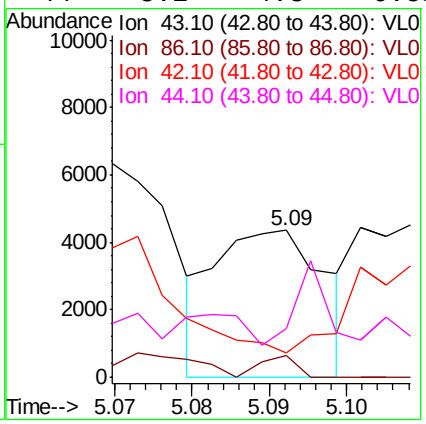


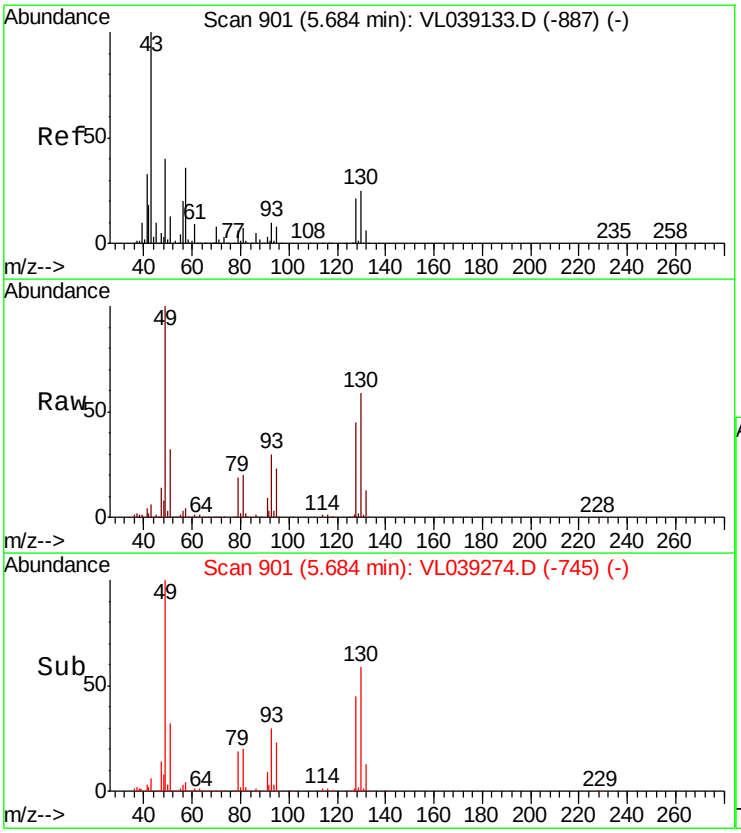
#23
Vinyl Acetate
Concen: 0.040 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 43 Resp: 4274

Ion	Ratio	Lower	Upper
43	100		
86	46.4	6.0	9.0#
42	0.0	8.2	12.4#
44	8.2	4.3	6.5#

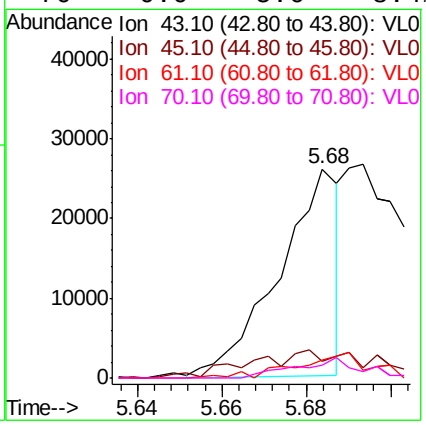


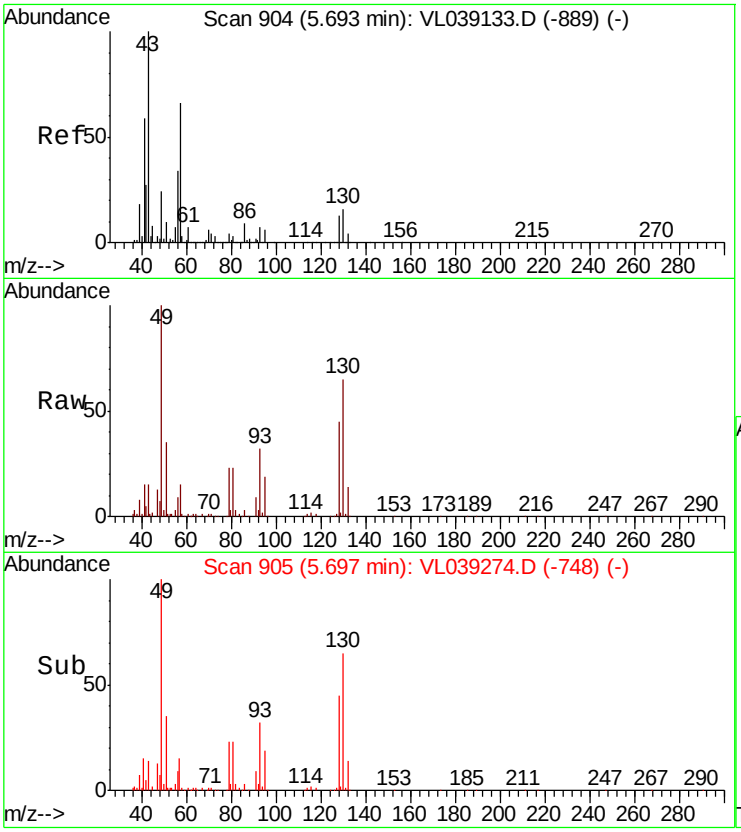


#25
Ethyl Acetate
Concen: 0.088 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 43 Resp: 25576

Ion	Ratio	Lower	Upper
43	100		
45	29.4	8.2	12.2#
61	0.0	8.4	12.6#
70	0.0	5.6	8.4#



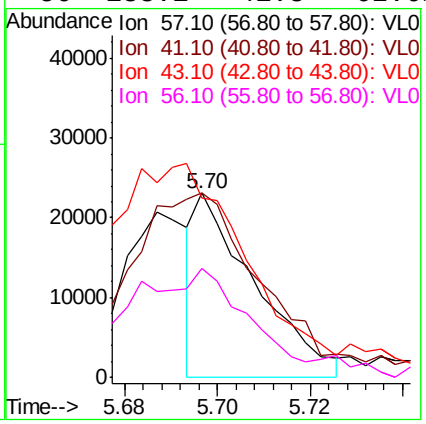


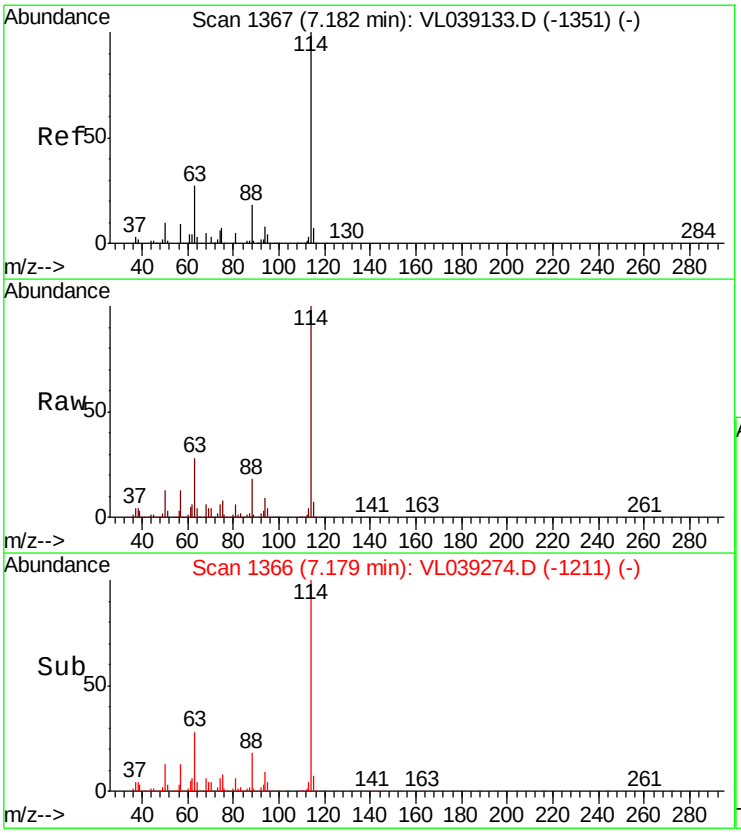
#26
Hexane
Concen: 0.160 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 57 Resp: 20501

Ion	Ratio	Lower	Upper
57	100		
41	252.0	72.4	108.6#
43	330.1	187.0	280.6#
56	133.1	41.8	62.6#

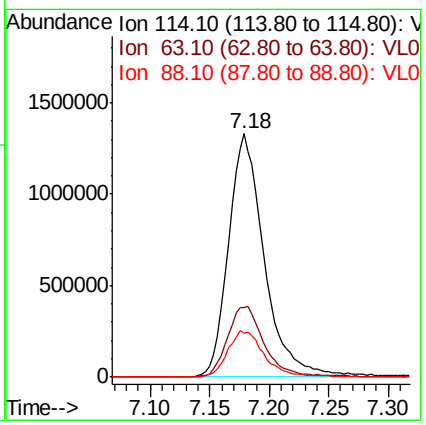


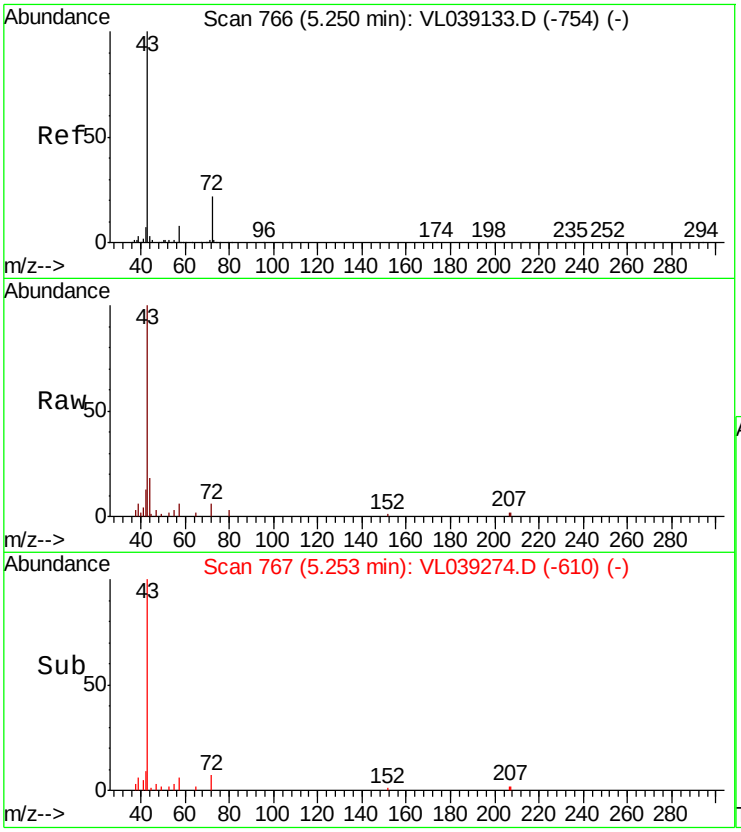


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion:114 Resp: 2754757

Ion	Ratio	Lower	Upper
114	100		
63	30.4	21.7	32.5
88	20.0	14.8	22.2



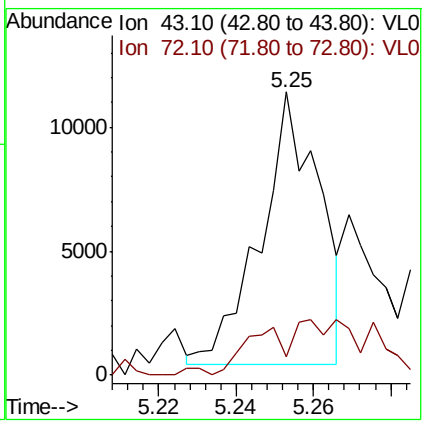


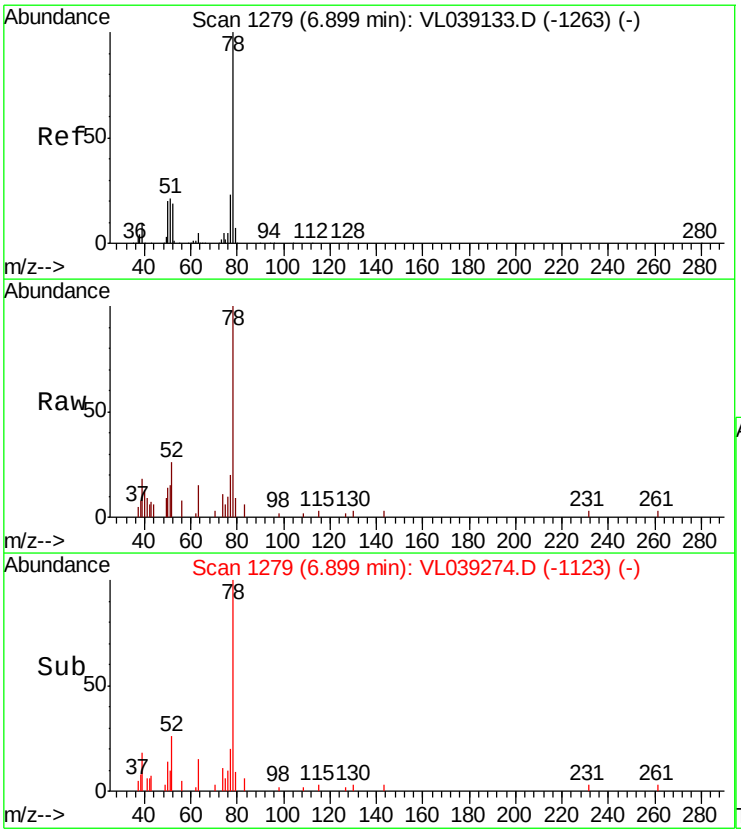
#34
2-Butanone
Concen: 0.077 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion: 43 Resp: 11598

Ion	Ratio	Lower	Upper
43	100		
72	37.9	18.2	27.2#

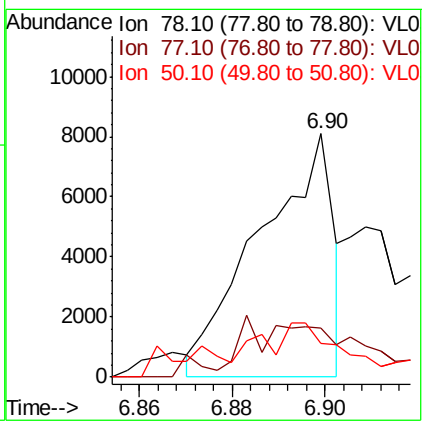


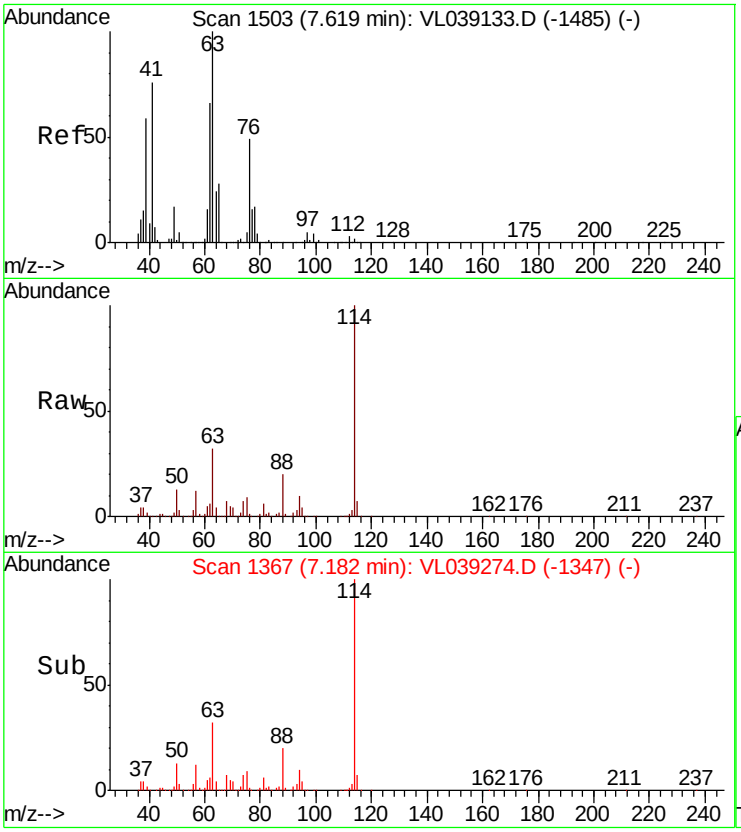


#36
Benzene
Concen: 0.040 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 78 Resp: 8889

Ion	Ratio	Lower	Upper
78	100		
77	7.7	18.6	27.8#
50	0.7	15.8	23.8#



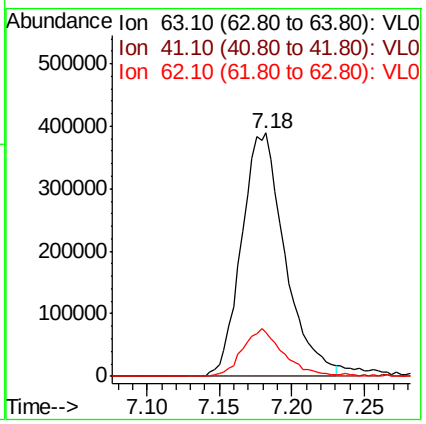


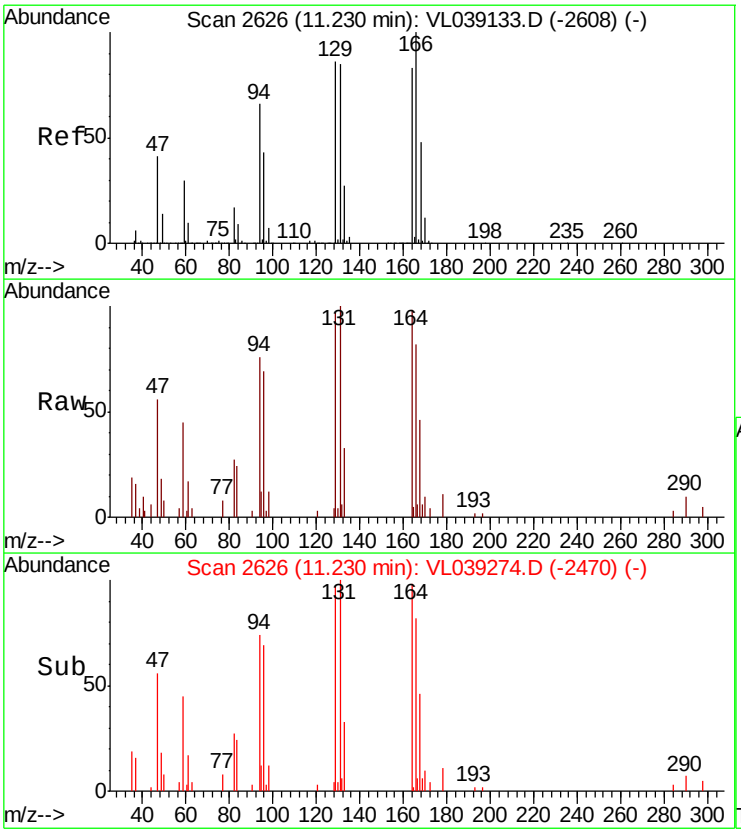
#39
1,2-Dichloropropane
Concen: 9.125 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 63 Resp: 811772

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	18.0	52.9	79.3#

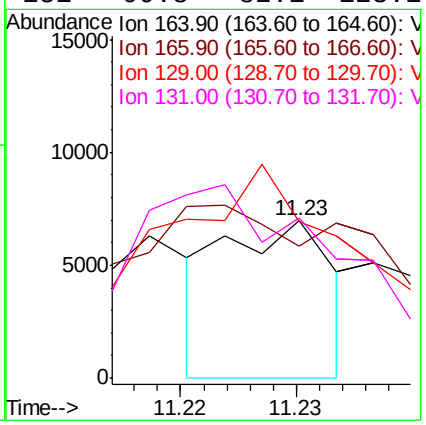


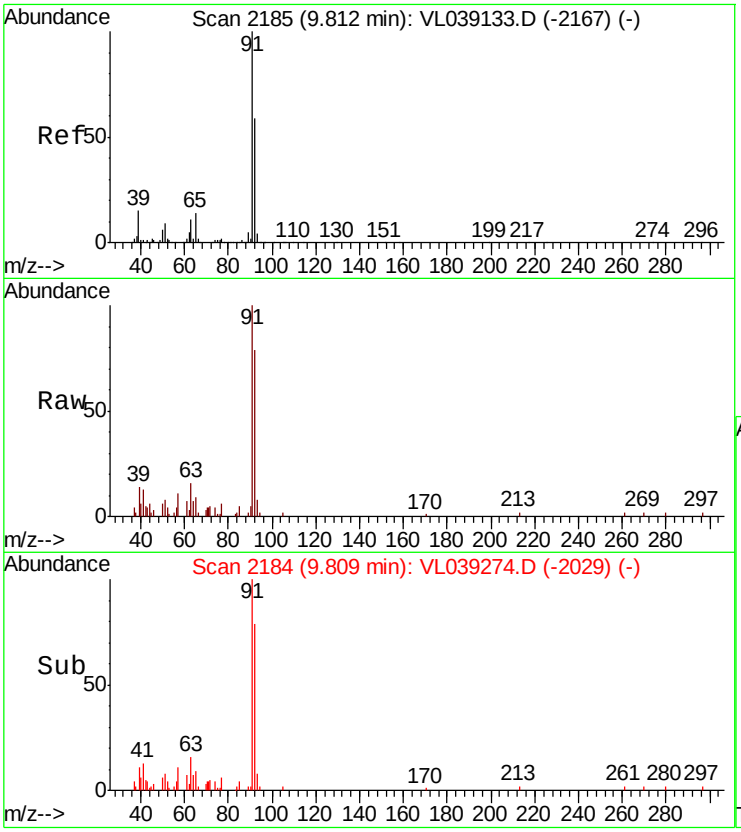


#52
Tetrachloroethene
Concen: 0.052 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.00 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion:164 Resp: 4529

Ion	Ratio	Lower	Upper
164	100		
166	0.0	96.3	144.5#
129	26.8	82.5	123.7#
131	99.8	82.1	123.1



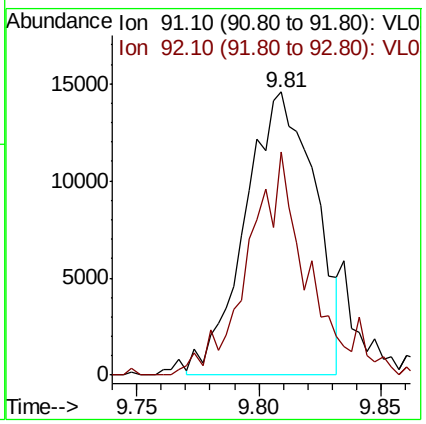


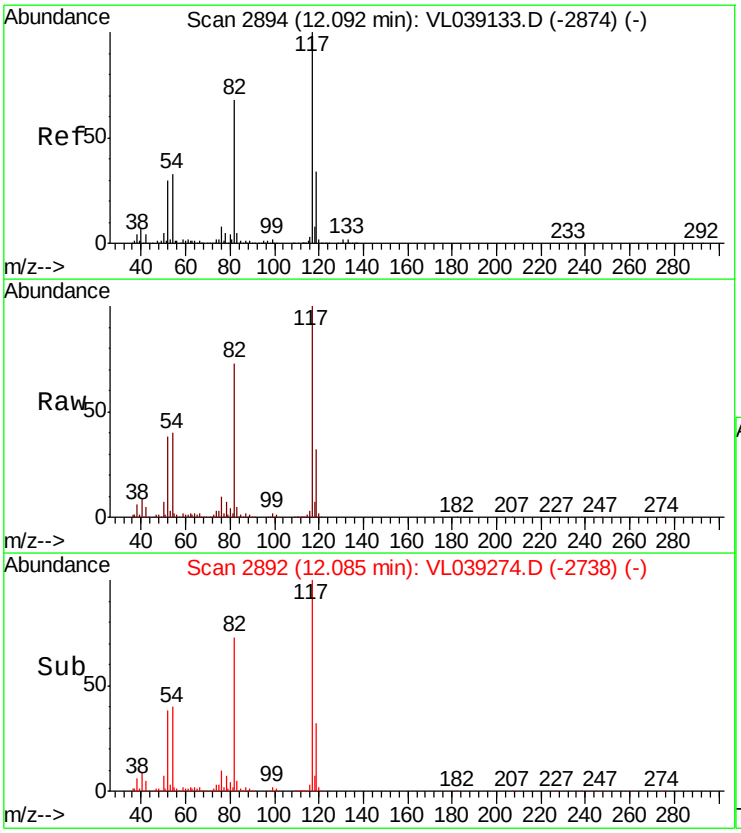
#53
Toluene
Concen: 0.113 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 91 Resp: 29010

Ion	Ratio	Lower	Upper
91	100		
92	67.8	48.1	72.1

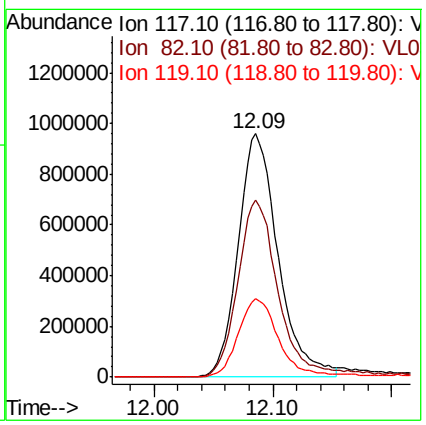


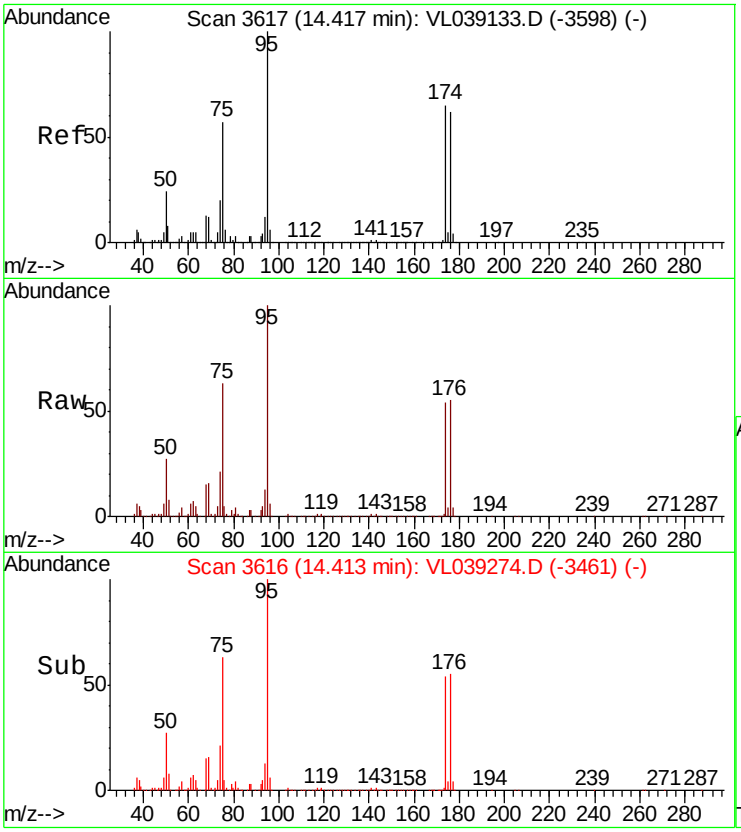


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion:117 Resp: 2228413

Ion	Ratio	Lower	Upper
117	100		
82	75.3	55.1	82.7
119	33.2	24.7	37.1



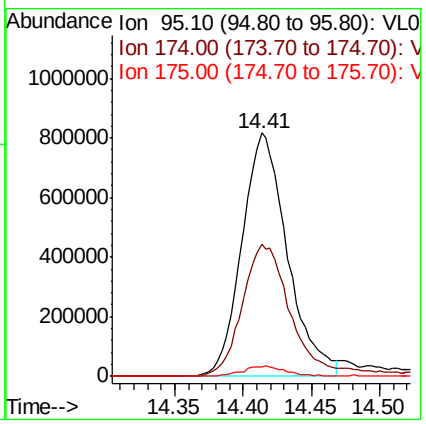


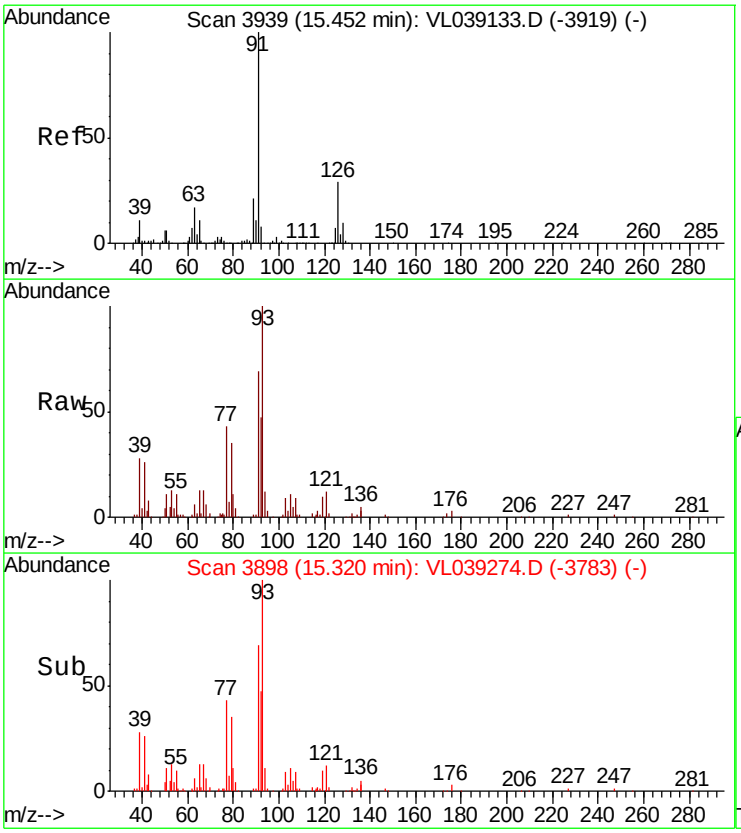
#68
1-Bromo-4-Fluorobenzene
Concen: 10.283 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 14 Jun 2022 6:05

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 95 Resp: 1894478

Ion	Ratio	Lower	Upper
95	100		
174	61.3	53.8	80.8
175	4.3	4.1	6.1





#71
2-Chlorotoluene
Concen: 0.342 ppbv
RT: 15.32 min Scan# 3898
Delta R.T. -0.13 min
Lab File: VL039274.D
Acq: 14 Jun 2022 6:05

Tgt Ion: 91 Resp: 98508

Ion	Ratio	Lower	Upper
91	100		
126	0.2	12.2	48.6#