Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060122\
Data File : VL039152.D
Acq On : 1 Jun 2022 17:49
Operator : SY/AP
Sample : N3106-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Time: Jun 02 00:39:12 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	5.68	49	1287716	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3697662	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3273116	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2629470	9.72	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.96	51	50134	0.306	ppbv #	64
7) Chloroethane	3.56	64	1383	0.050	ppbv #	81
9) Propene	3.02	41	3804	0.053	ppbv #	1
10) Heptane	8.13	43	83970	0.504	ppbv	93
13) Ethanol	3.63	45	8108	2.081	ppbv #	100
15) Acetone	3.88	43	173497	1.293	ppbv #	87
16) 1,3-Butadiene	3.36	39	30457	0.422	ppbv #	14
17) tert-Butyl alcohol	4.32	59	3214	0.031	ppbv #	70
20) Methylene Chloride	4.35	84	139680	2.471	ppbv	95
23) Vinyl Acetate	5.09	43	479842	4.324	ppbv	98
25) Ethyl Acetate	5.70	43	506910	1.677	ppbv #	79
26) Hexane	5.70	57	695751	5.237	ppbv #	25
28) Methyl tert-Butyl Ether	5.06	73	17685	0.121	ppbv #	78
34) 2-Butanone	5.27	43	181398	0.903	ppbv #	88
39) 1,2-Dichloropropane	7.18	63	891022	7.462	ppbv #	23
41) Tetrahydrofuran	6.03	42	9571	0.079	ppbv #	60
51) 2-Hexanone	10.15	43	38502	0.165	ppbv #	28
52) Tetrachloroethene	11.23	164	9155	0.078	ppbv	86

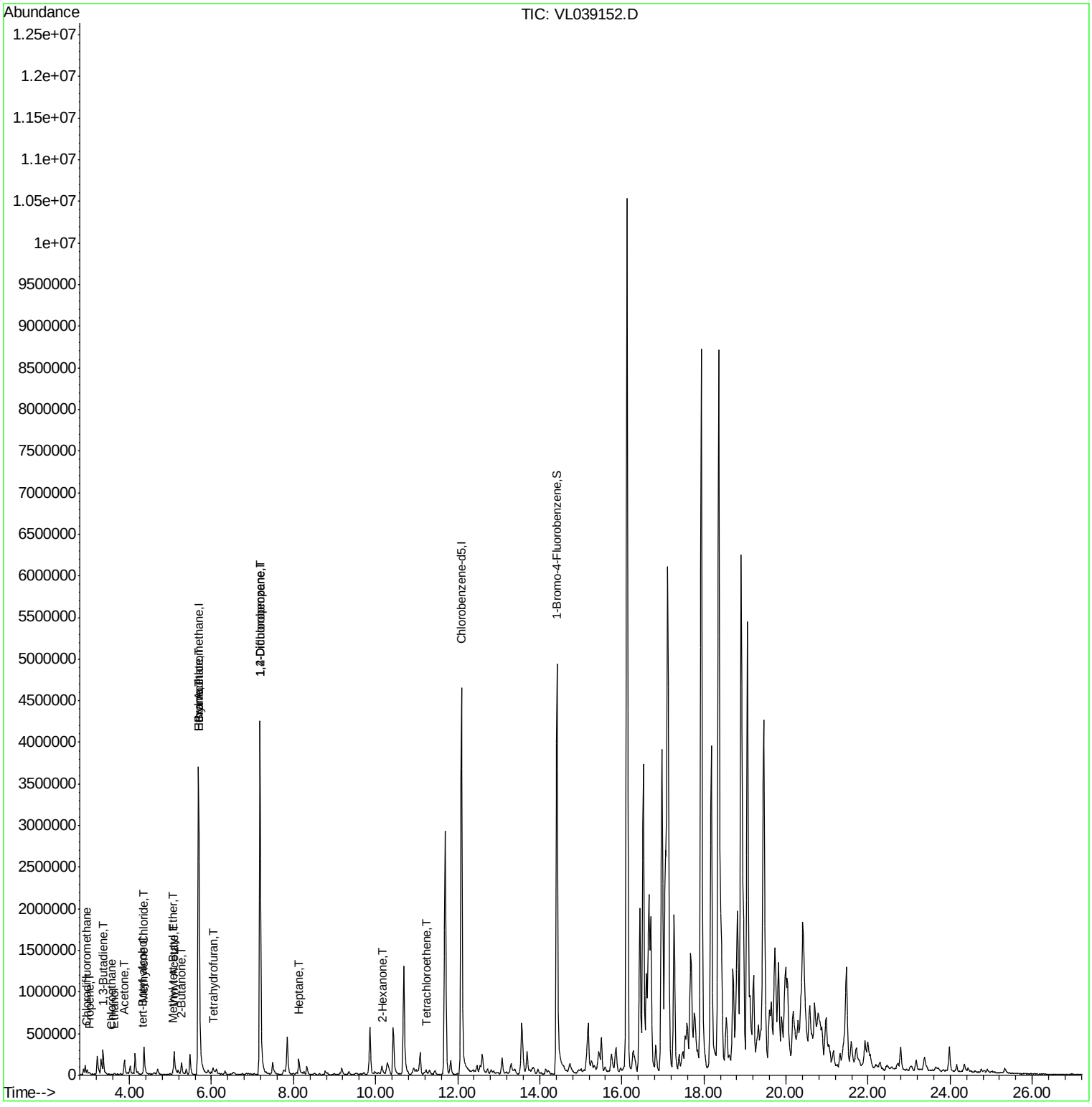
(#) = qualifier out of range (m) = manual integration (+) = signals summed

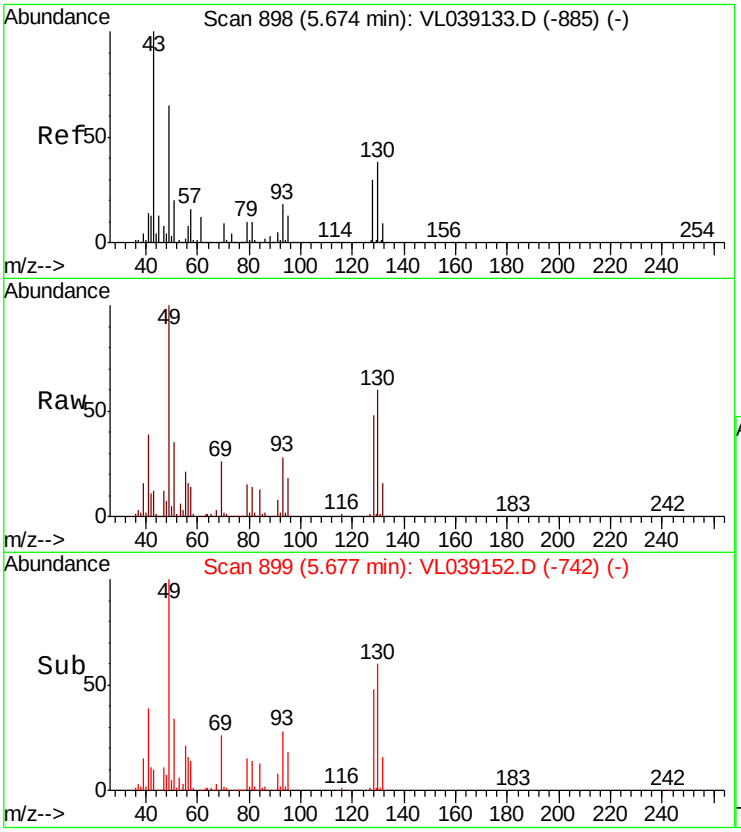
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060122\
Data File : VL039152.D
Acq On : 1 Jun 2022 17:49
Operator : SY/AP
Sample : N3106-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Jun 02 00:39:12 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



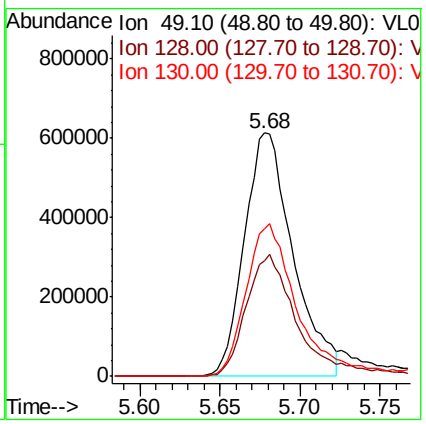


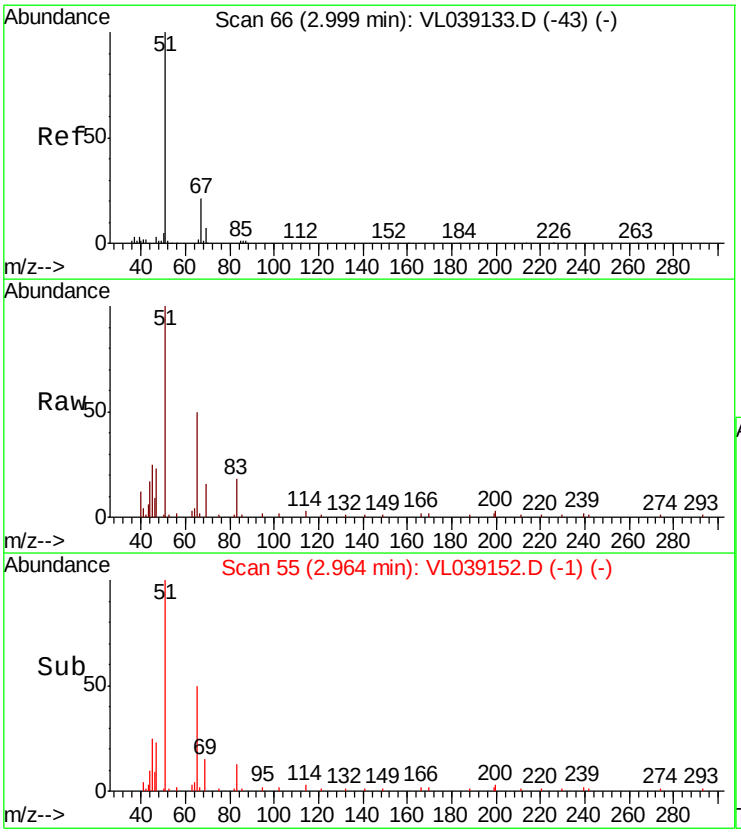
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 49 Resp: 1287716

Ion	Ratio	Lower	Upper
49	100		
128	55.2	24.7	74.1
130	69.0	31.4	94.0

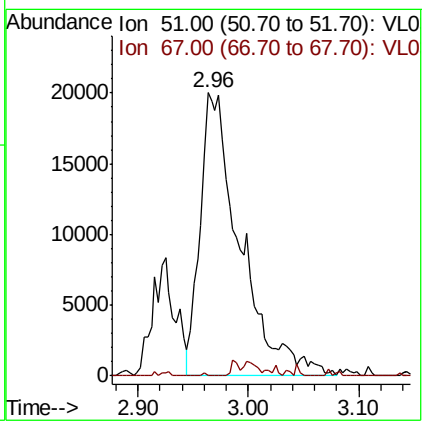


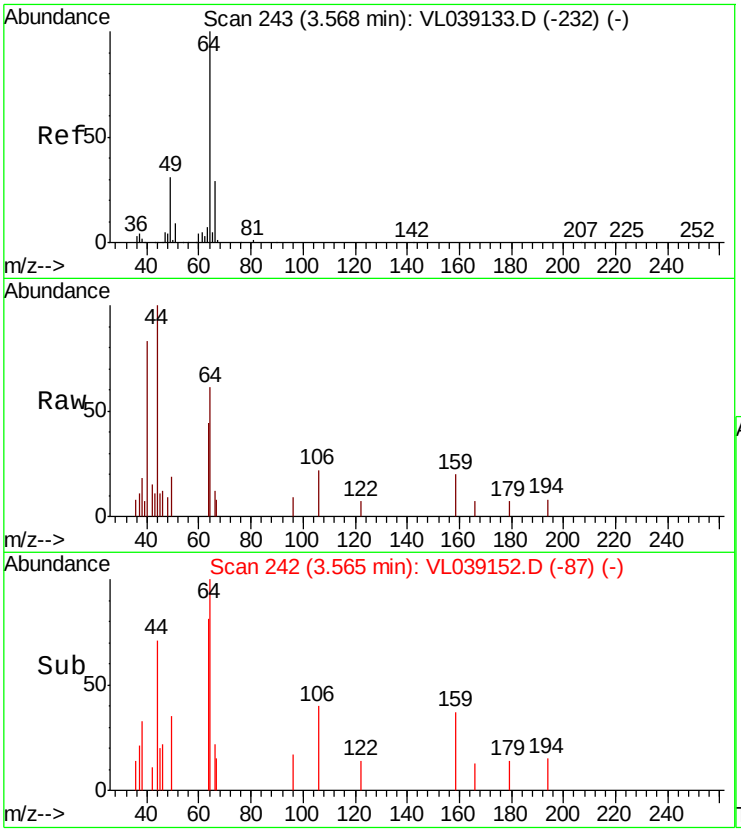


#3
Chlorodifluoromethane
Concen: 0.306 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.04 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 51 Resp: 50134

Ion	Ratio	Lower	Upper
51	100		
67	3.7	16.2	24.4#



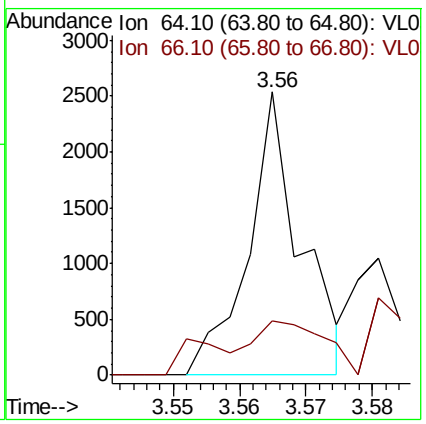


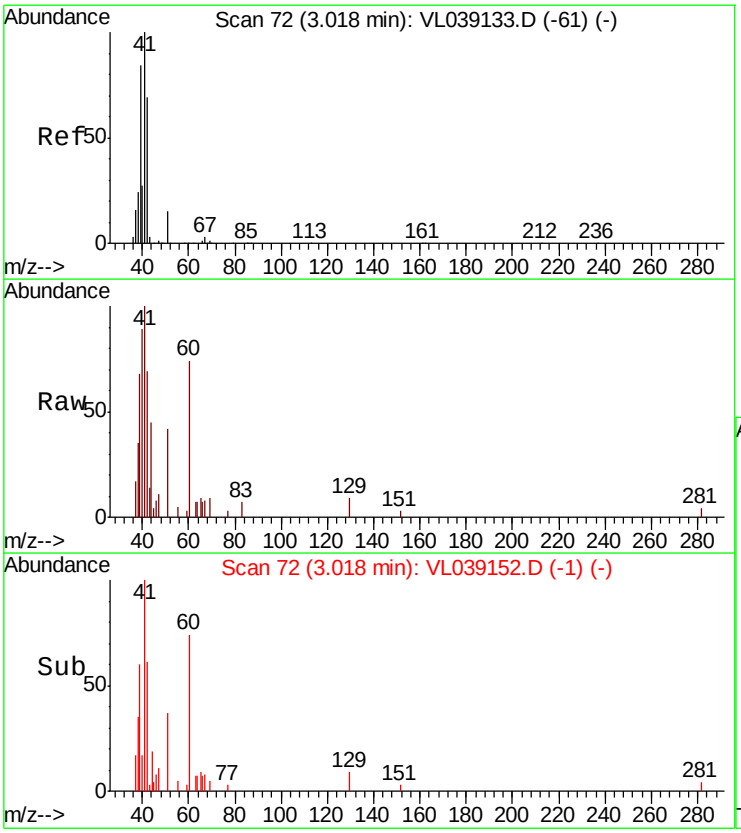
#7
Chloroethane
Concen: 0.050 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 64 Resp: 1383

Ion	Ratio	Lower	Upper
64	100		
66	19.3	23.6	35.4#

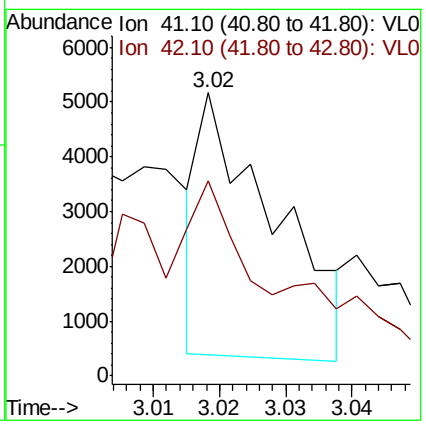


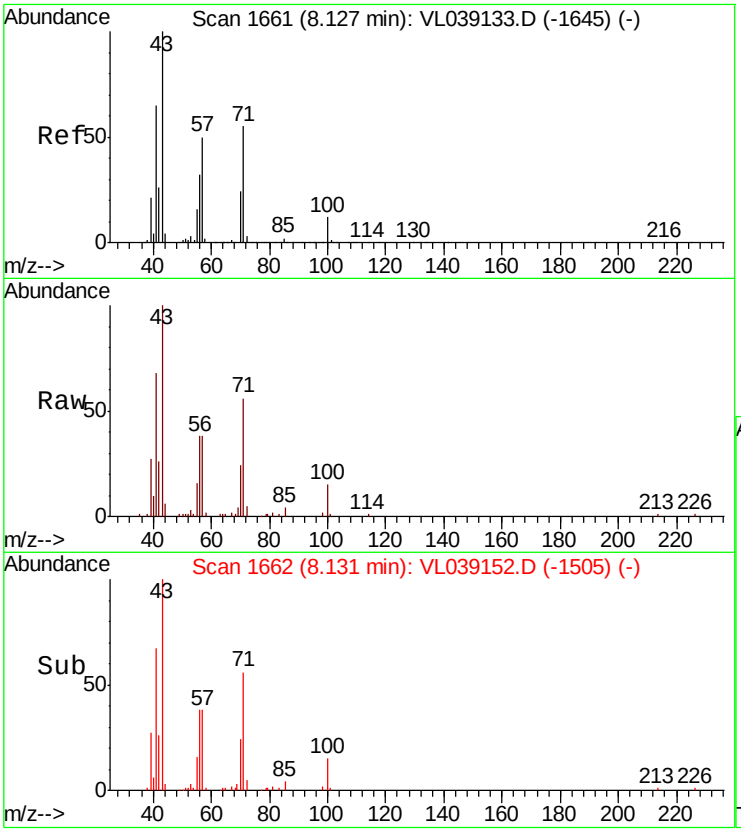


#9
Propene
Concen: 0.053 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 41 Resp: 3804

Ion	Ratio	Lower	Upper
41	100		
42	168.5	55.4	83.2#



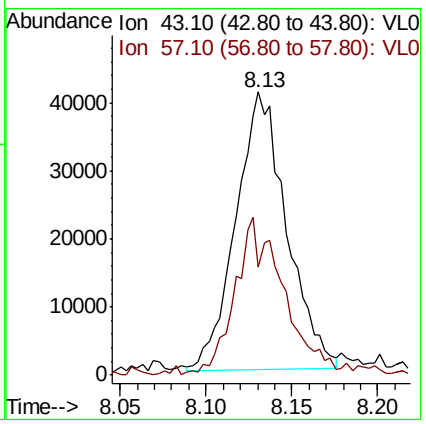


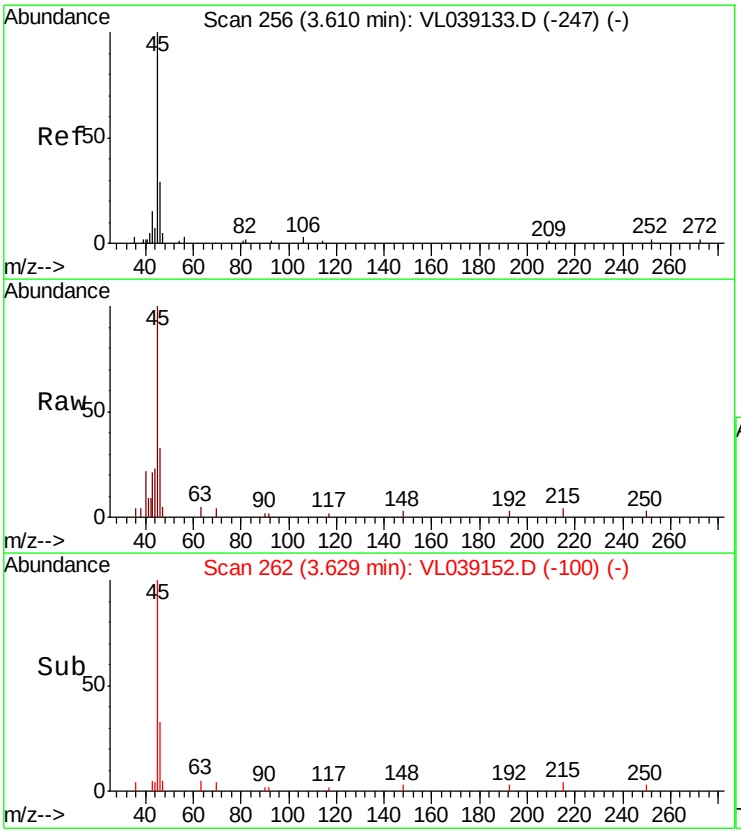
#10
Heptane
Concen: 0.504 ppbv
RT: 8.13
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 83970

Ion	Ratio	Lower	Upper
43	100		
57	56.7	41.4	62.2

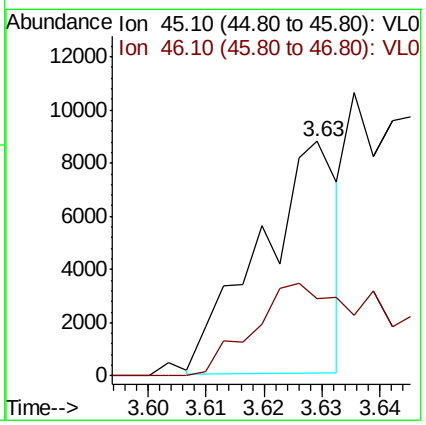


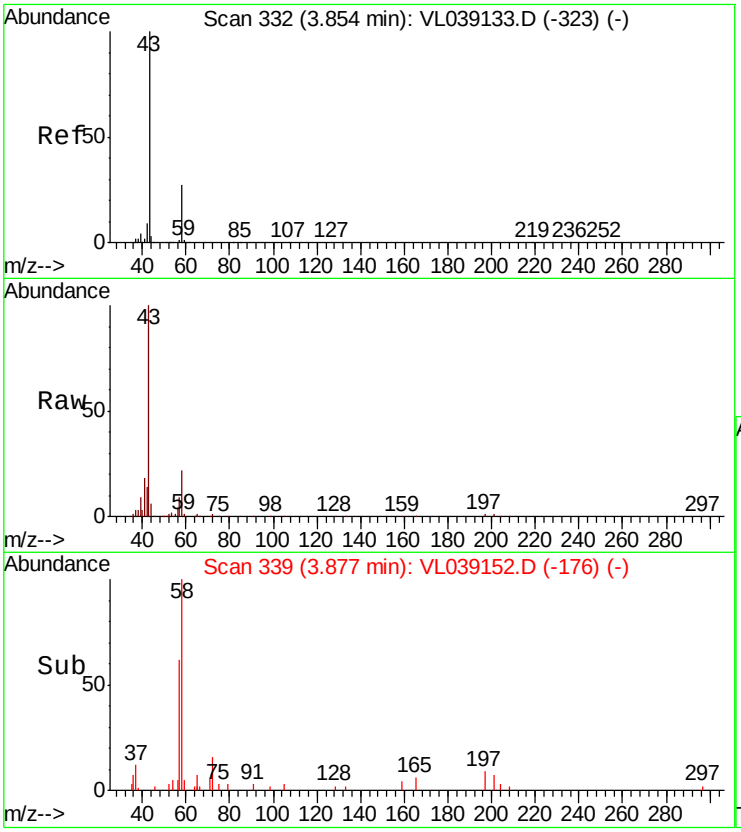


#13
Ethanol
Concen: 2.081 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 45 Resp: 8108

Ion	Ratio	Lower	Upper
45	100		
46	119.3	0.0	0.0#



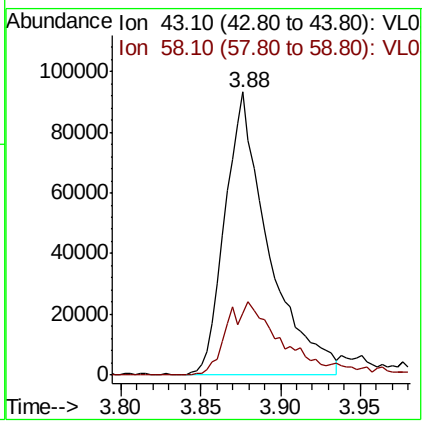


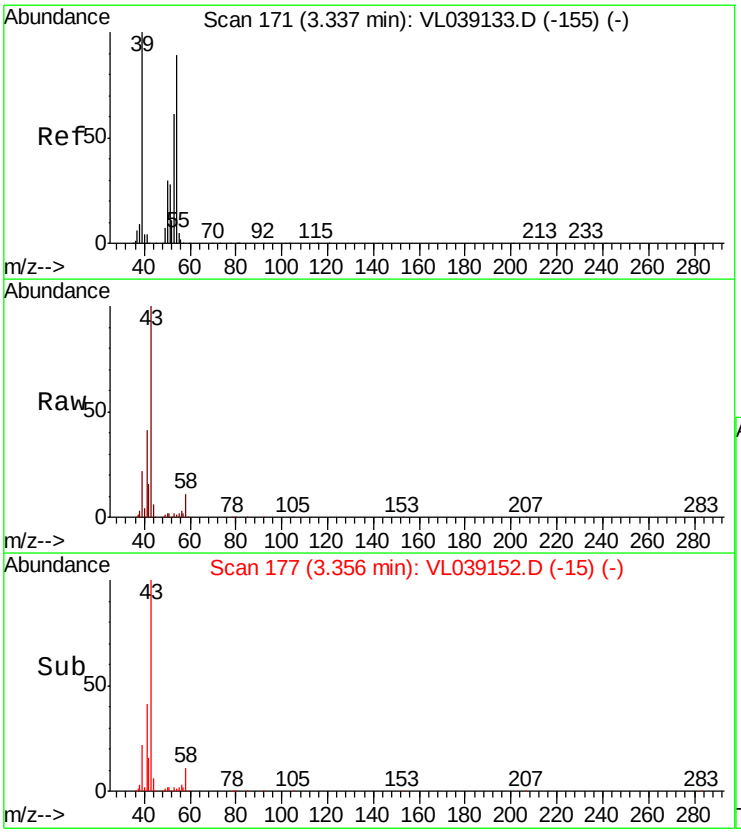
#15
Acetone
Concen: 1.293 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 173497

Ion	Ratio	Lower	Upper
43	100		
58	35.0	22.5	33.7#

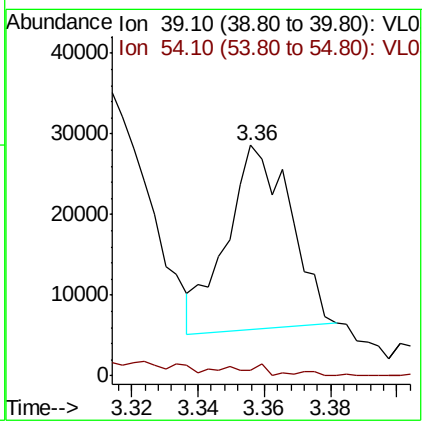


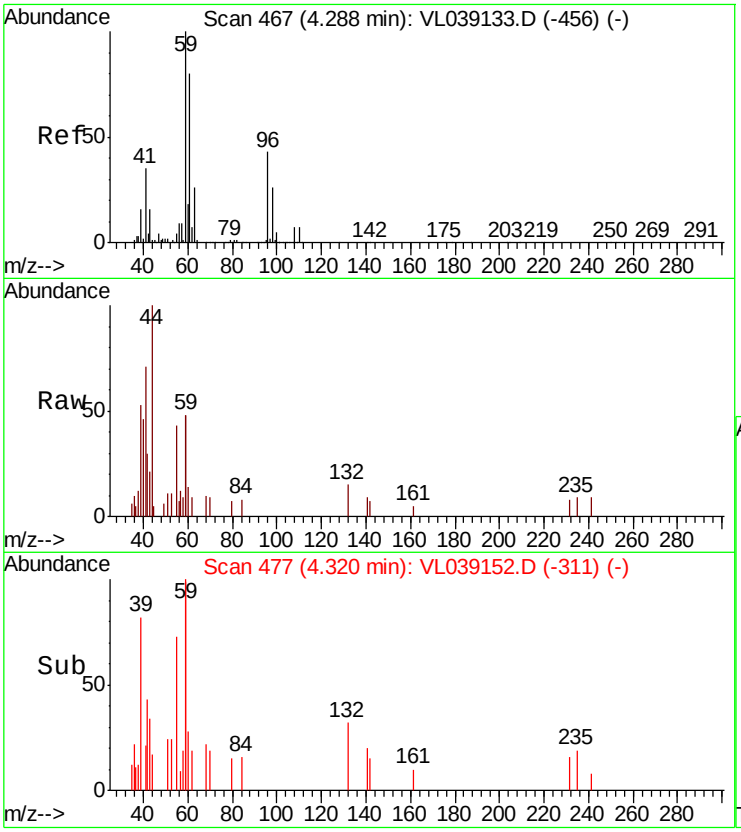


#16
1,3-Butadiene
Concen: 0.422 ppbv
RT: 3.36 min Scan# 177
Delta R.T. 0.02 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 39 Resp: 30457

Ion	Ratio	Lower	Upper
39	100		
54	4.7	65.8	98.6#



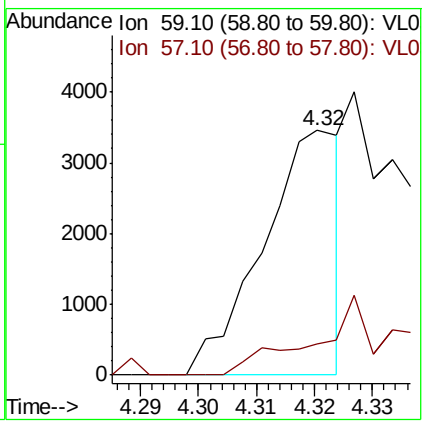


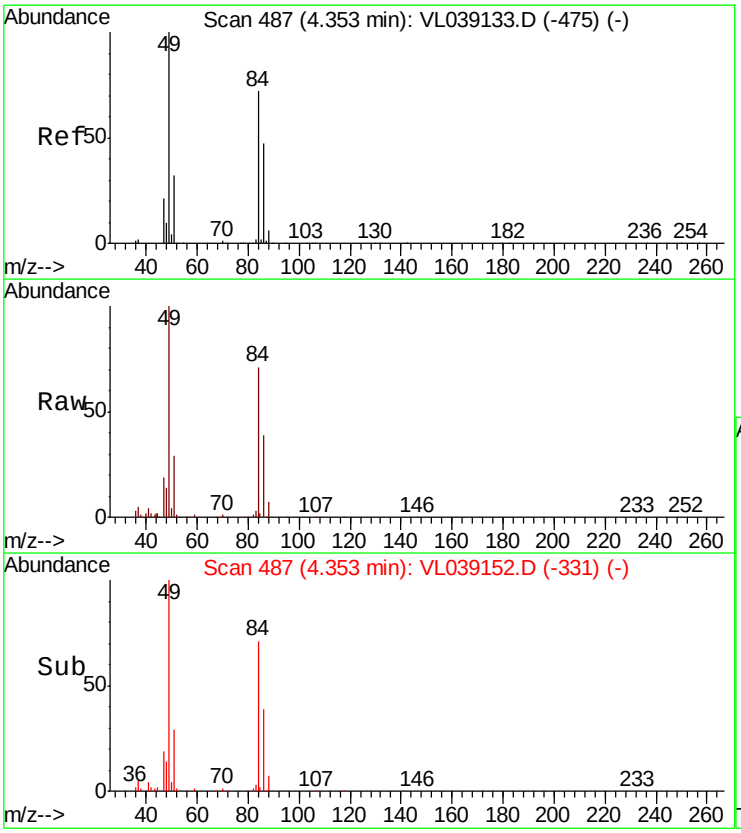
#17
tert-Butyl alcohol
Concen: 0.031 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 59 Resp: 3214

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.1	13.7#

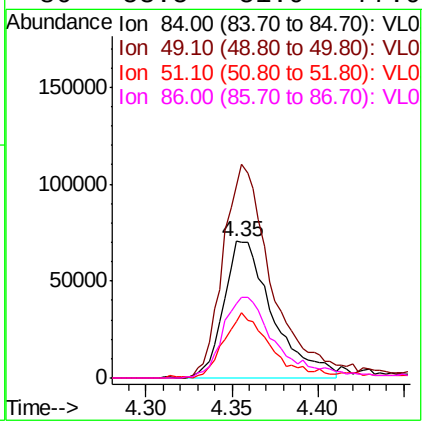


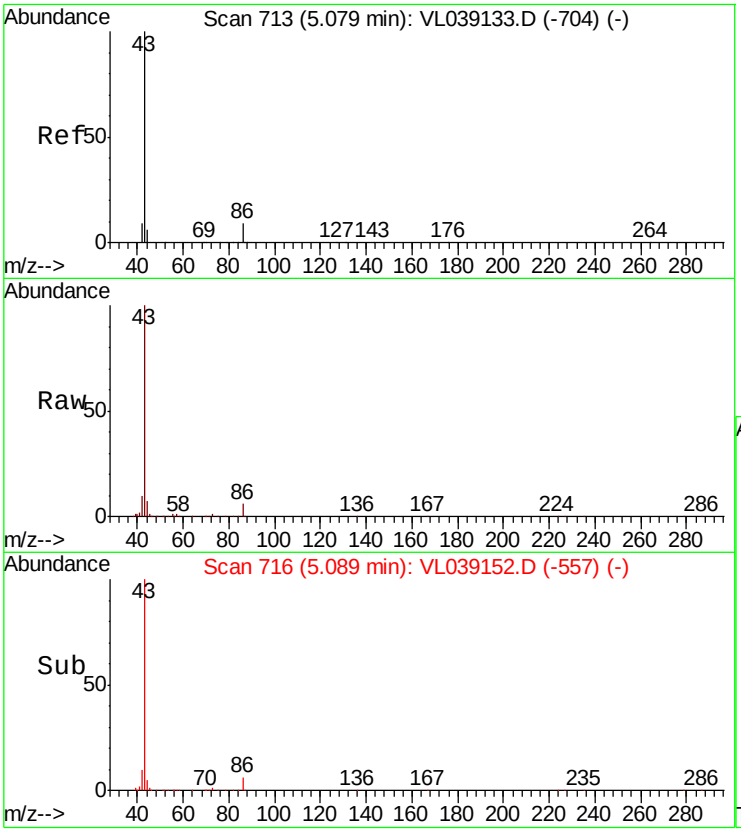


#20
Methylene Chloride
Concen: 2.471 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 84 Resp: 139680

Ion	Ratio	Lower	Upper
84	100		
49	139.6	111.1	166.7
51	40.2	35.3	52.9
86	53.5	51.9	77.9



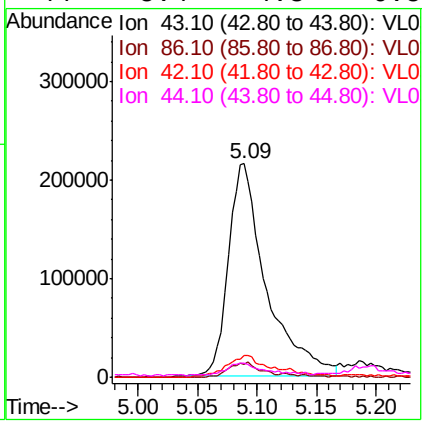


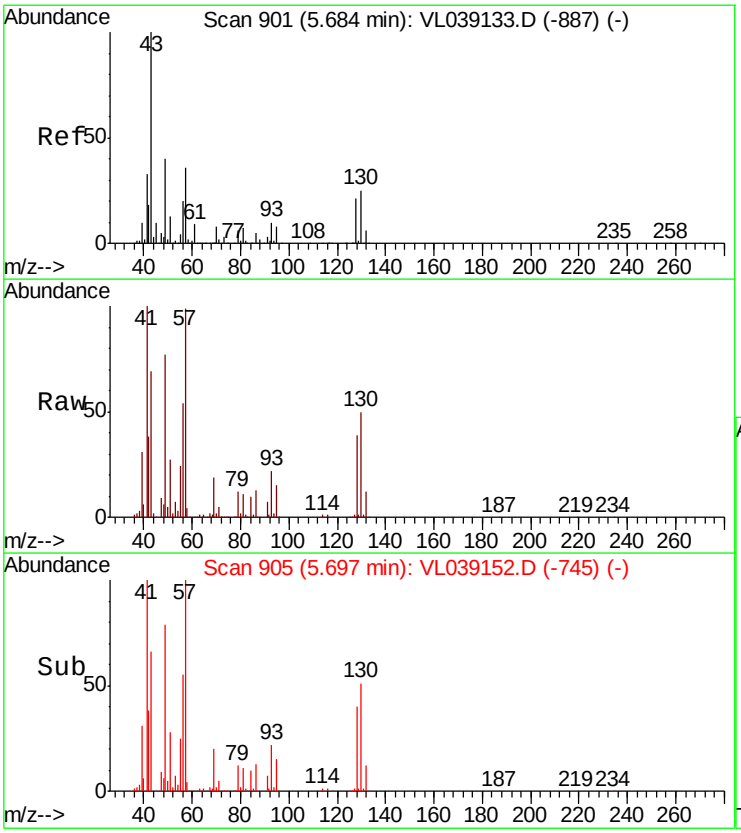
#23
Vinyl Acetate
Concen: 4.324 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 479842

Ion	Ratio	Lower	Upper
43	100		
86	6.2	6.0	9.0
42	10.1	8.2	12.4
44	5.4	4.3	6.5

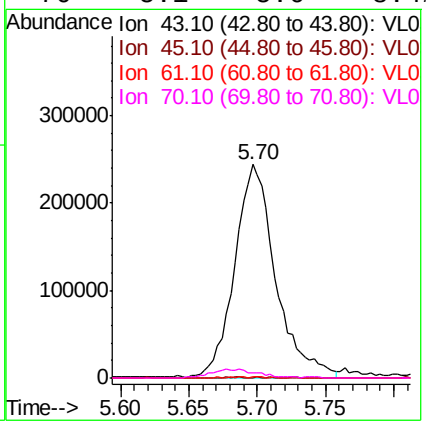


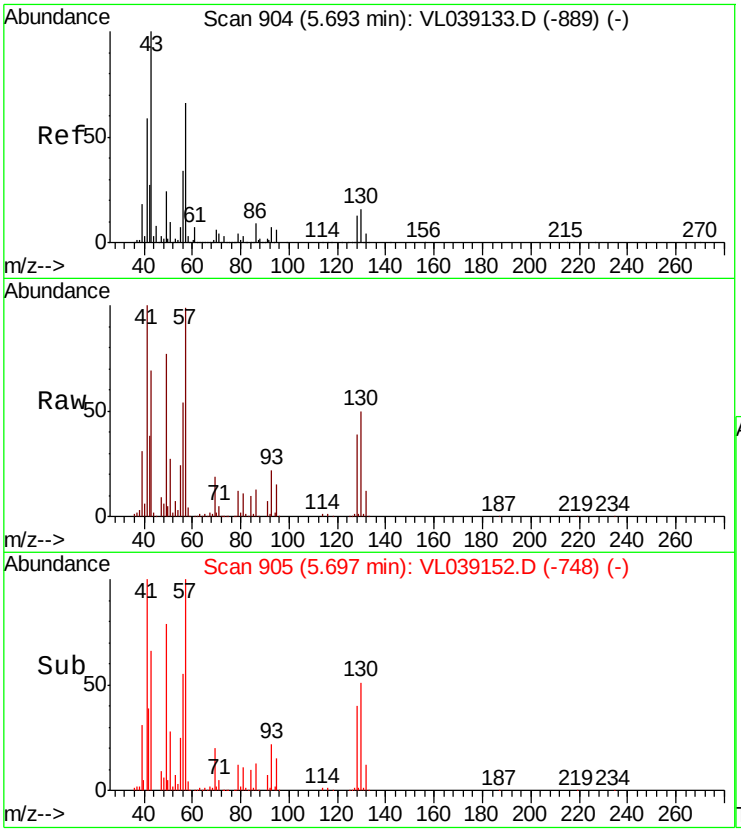


#25
Ethyl Acetate
Concen: 1.677 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 43 Resp: 506910

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.2	12.2#
61	0.5	8.4	12.6#
70	5.1	5.6	8.4#



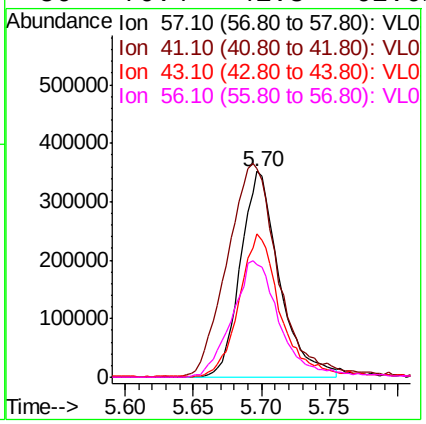


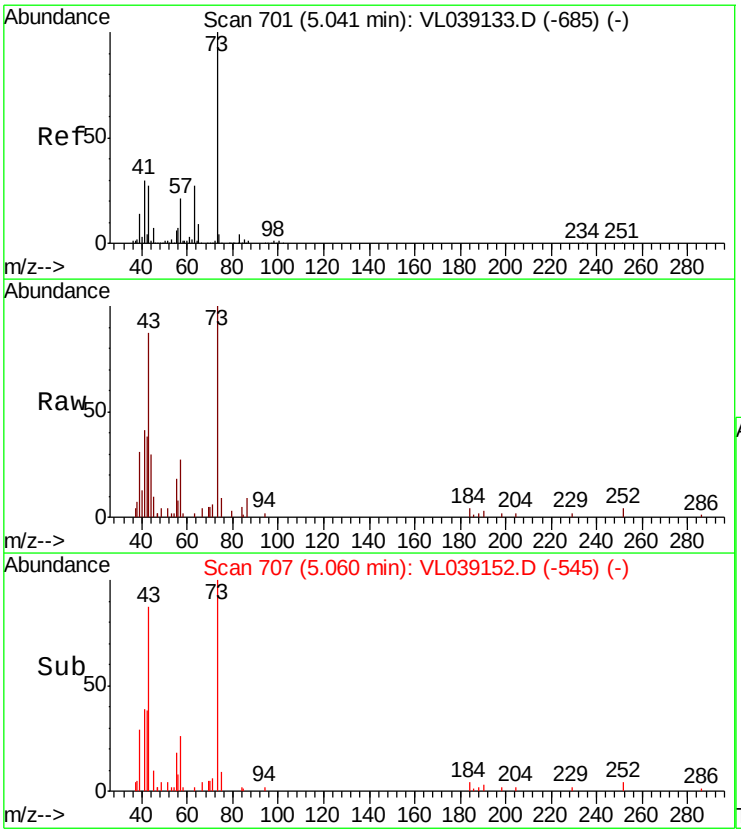
#26
Hexane
Concen: 5.237 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 57 Resp: 695751

Ion	Ratio	Lower	Upper
57	100		
41	138.2	72.4	108.6#
43	74.9	187.0	280.6#
56	70.4	41.8	62.6#

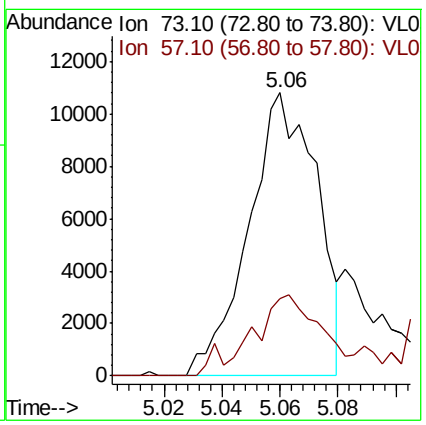


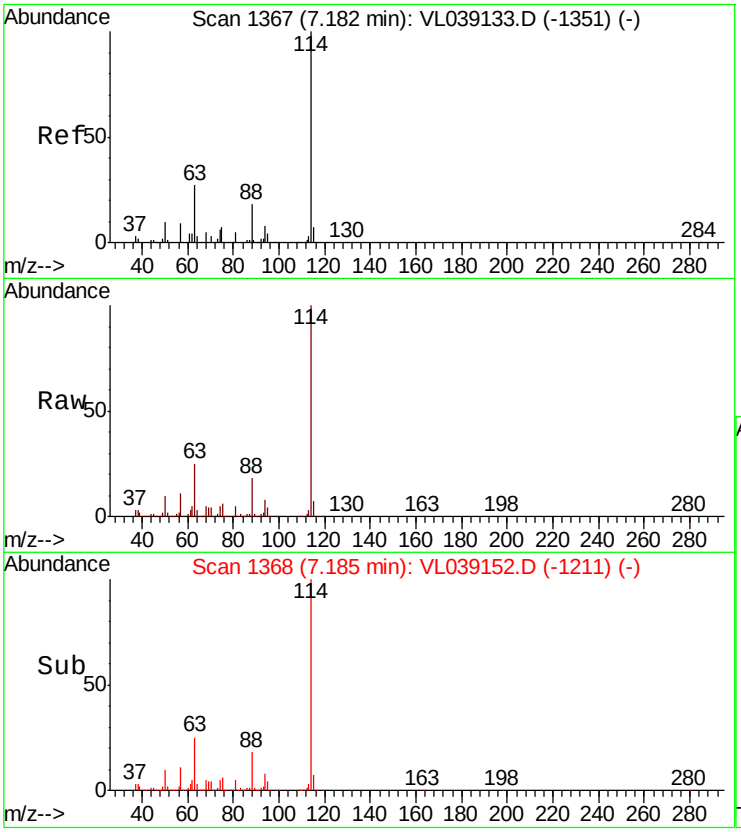


#28
Methyl tert-Butyl Ether
Concen: 0.121 ppbv
RT: 5.06 min Scan# 707
Delta R.T. 0.02 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 73 Resp: 17685

Ion	Ratio	Lower	Upper
73	100		
57	33.8	18.6	27.8#



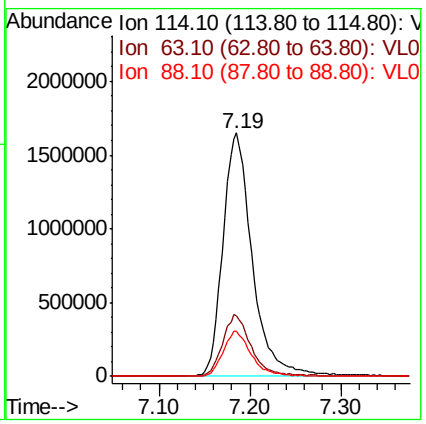


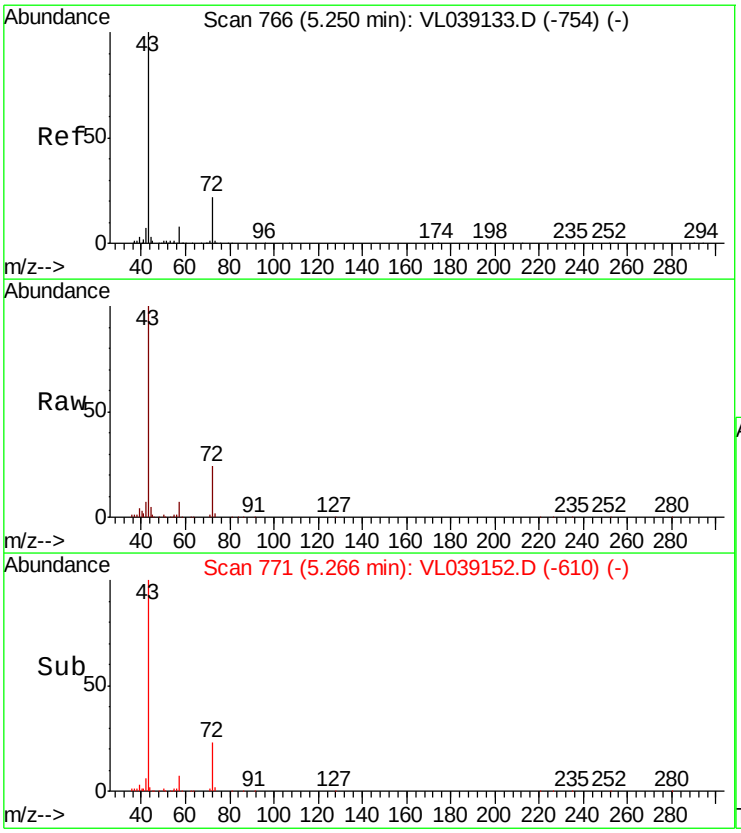
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:114 Resp: 3697662

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	18.2	14.8	22.2

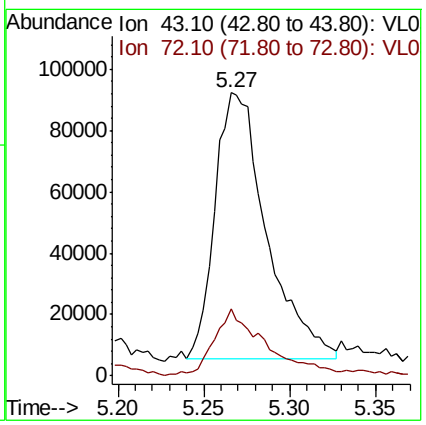


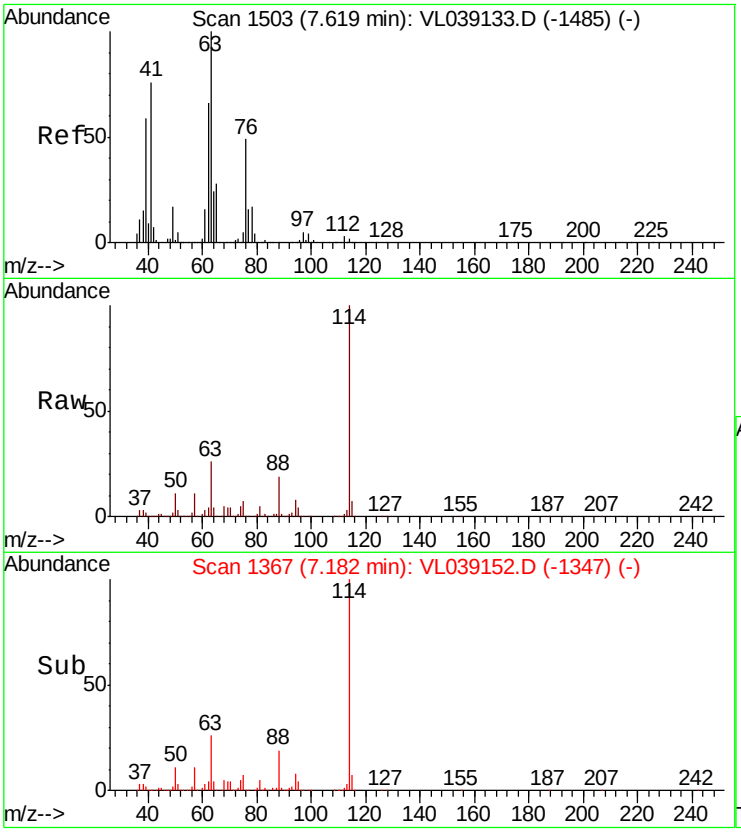


#34
2-Butanone
Concen: 0.903 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.02 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 43 Resp: 181398

Ion	Ratio	Lower	Upper
43	100		
72	28.3	18.2	27.2#



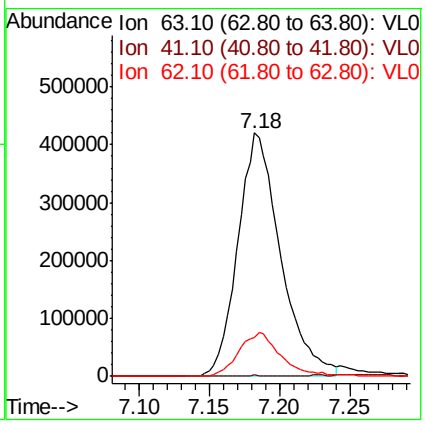


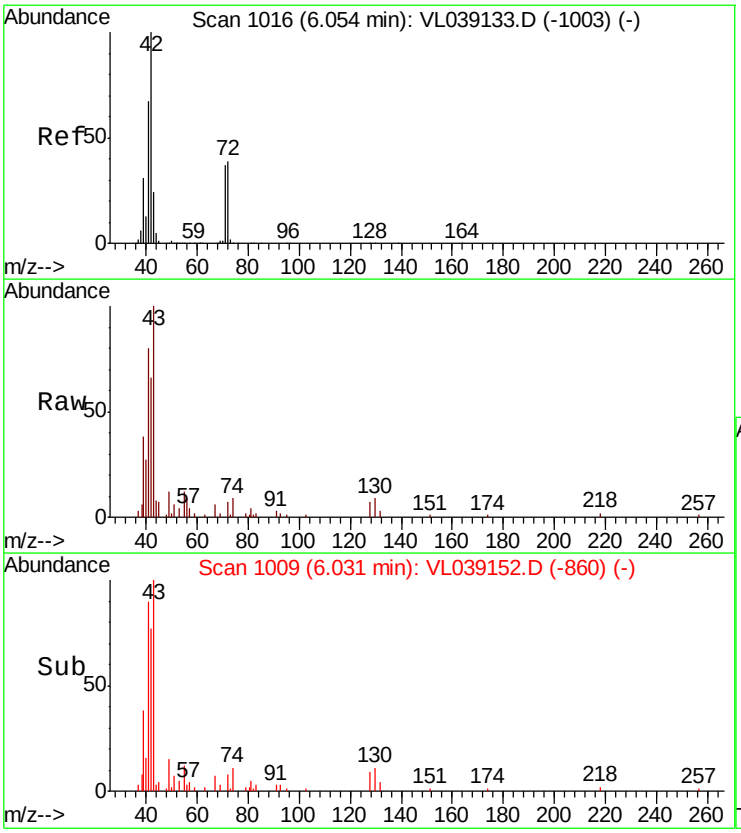
#39
1,2-Dichloropropane
Concen: 7.462 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 63 Resp: 891022

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	15.9	52.9	79.3#

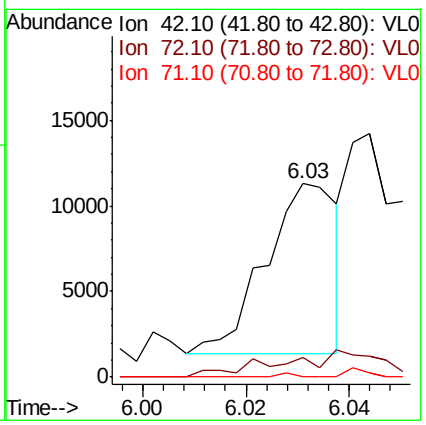


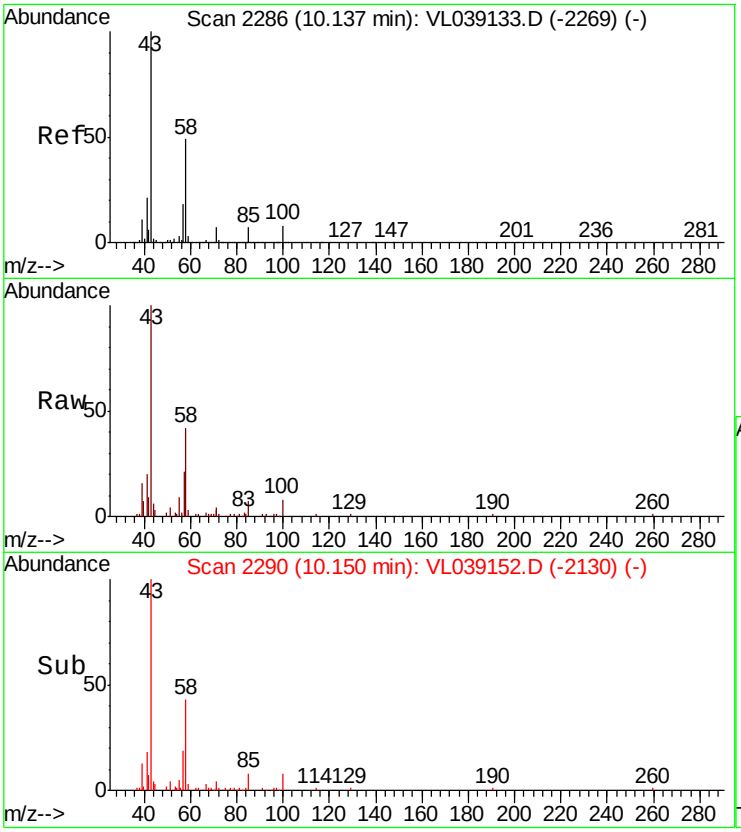


#41
Tetrahydrofuran
Concen: 0.079 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.02 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 42 Resp: 9571

Ion	Ratio	Lower	Upper
42	100		
72	30.2	32.0	48.0#
71	0.0	31.1	46.7#



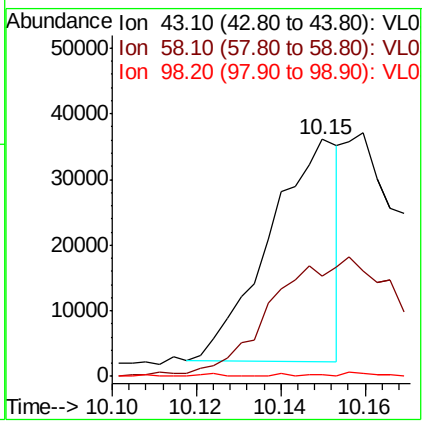


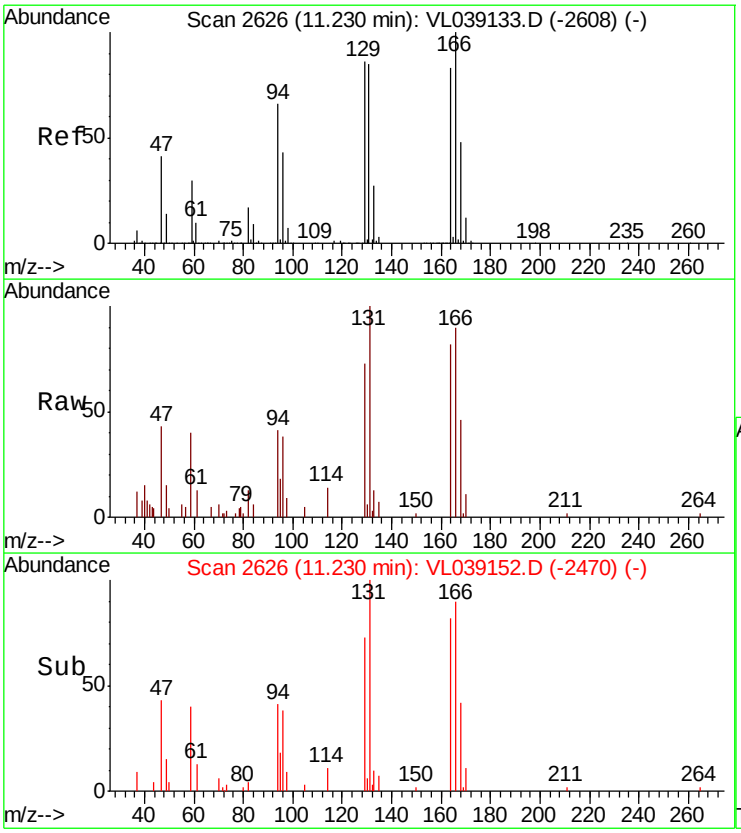
#51
2-Hexanone
Concen: 0.165 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 38502

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.6	0.1	0.1#

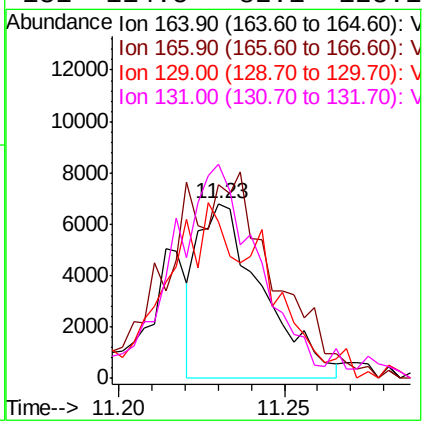


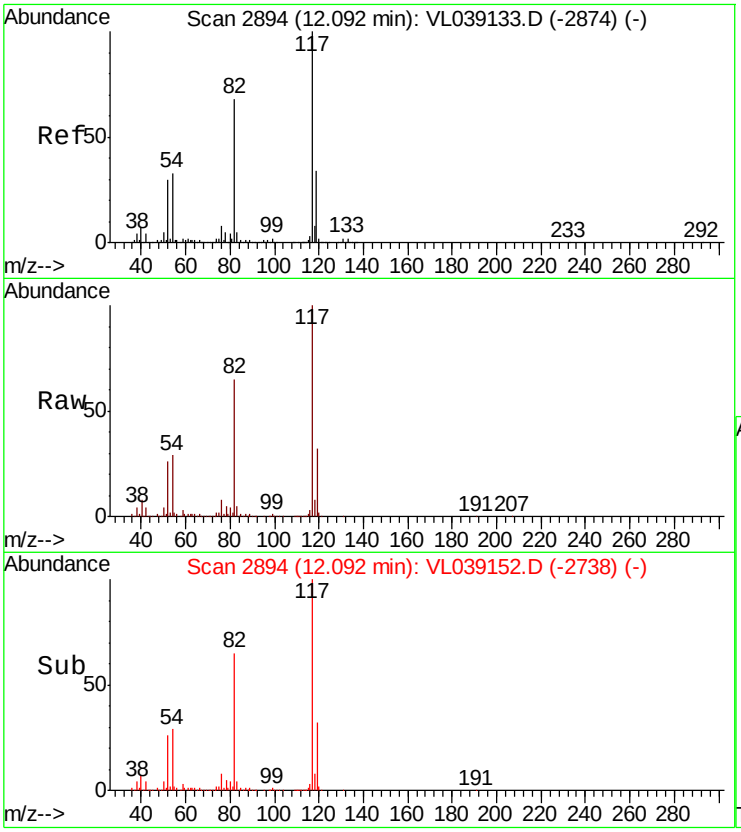


#52
Tetrachloroethene
Concen: 0.078 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.00 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion:164 Resp: 9155

Ion	Ratio	Lower	Upper
164	100		
166	105.1	96.3	144.5
129	85.6	82.5	123.7
131	114.5	82.1	123.1



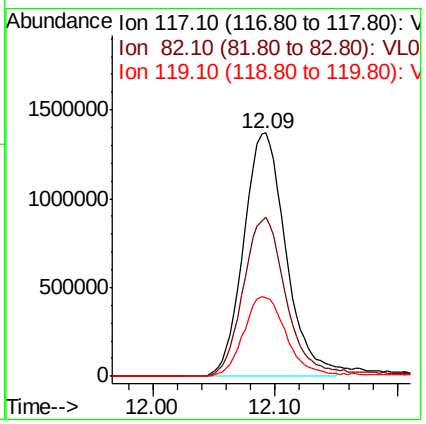


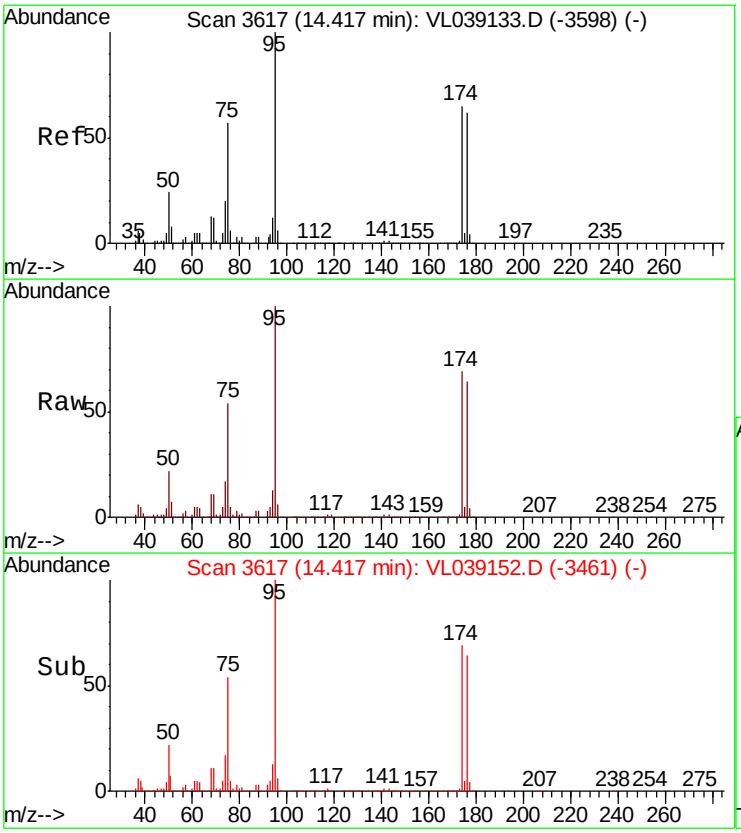
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:117 Resp: 3273116

Ion	Ratio	Lower	Upper
117	100		
82	69.0	55.1	82.7
119	35.1	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.717 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.00 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Tgt Ion: 95 Resp: 2629470

Ion	Ratio	Lower	Upper
95	100		
174	71.3	53.8	80.8
175	4.9	4.1	6.1