Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061522\
Data File : VL039307.D
Acq On : 15 Jun 2022 22:37
Operator : SY/AP
Sample : N3326-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Quant Time: Jun 16 04:36:39 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	5.65	49	1340719	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3815857	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3291679	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2449316	9.00	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	20981	0.089	ppbv #	79
3) Chlorodifluoromethane	2.98	51	12060	0.071	ppbv #	91
4) Chloromethane	3.14	50	4009	0.046	ppbv #	84
9) Propene	3.20	41	165385	2.223	ppbv	94
11) Trichlorofluoromethane	3.94	101	13078	0.061	ppbv	97
13) Ethanol	3.60	45	4039	0.996	ppbv #	100
15) Acetone	3.85	43	516752	3.700	ppbv	94
16) 1,3-Butadiene	3.30	39	45031	0.600	ppbv #	27
17) tert-Butyl alcohol	4.30	59	22972	0.212	ppbv #	87
20) Methylene Chloride	4.34	84	6673	0.113	ppbv #	85
23) Vinyl Acetate	5.07	43	6866	0.059	ppbv #	85
25) Ethyl Acetate	5.67	43	37903	0.120	ppbv #	80
26) Hexane	5.68	57	26599	0.192	ppbv #	1
27) Carbon Disulfide	4.55	76	5262	0.037	ppbv #	23
30) Cyclohexane	7.11	84	5119	0.044	ppbv #	1
32) 1,1,1-Trichloroethane	6.49	97	12455	0.055	ppbv	95
34) 2-Butanone	5.25	43	15700	0.076	ppbv #	62
39) 1,2-Dichloropropane	7.16	63	925492	7.511	ppbv #	24
52) Tetrachloroethene	11.21	164	5684	0.047	ppbv #	74

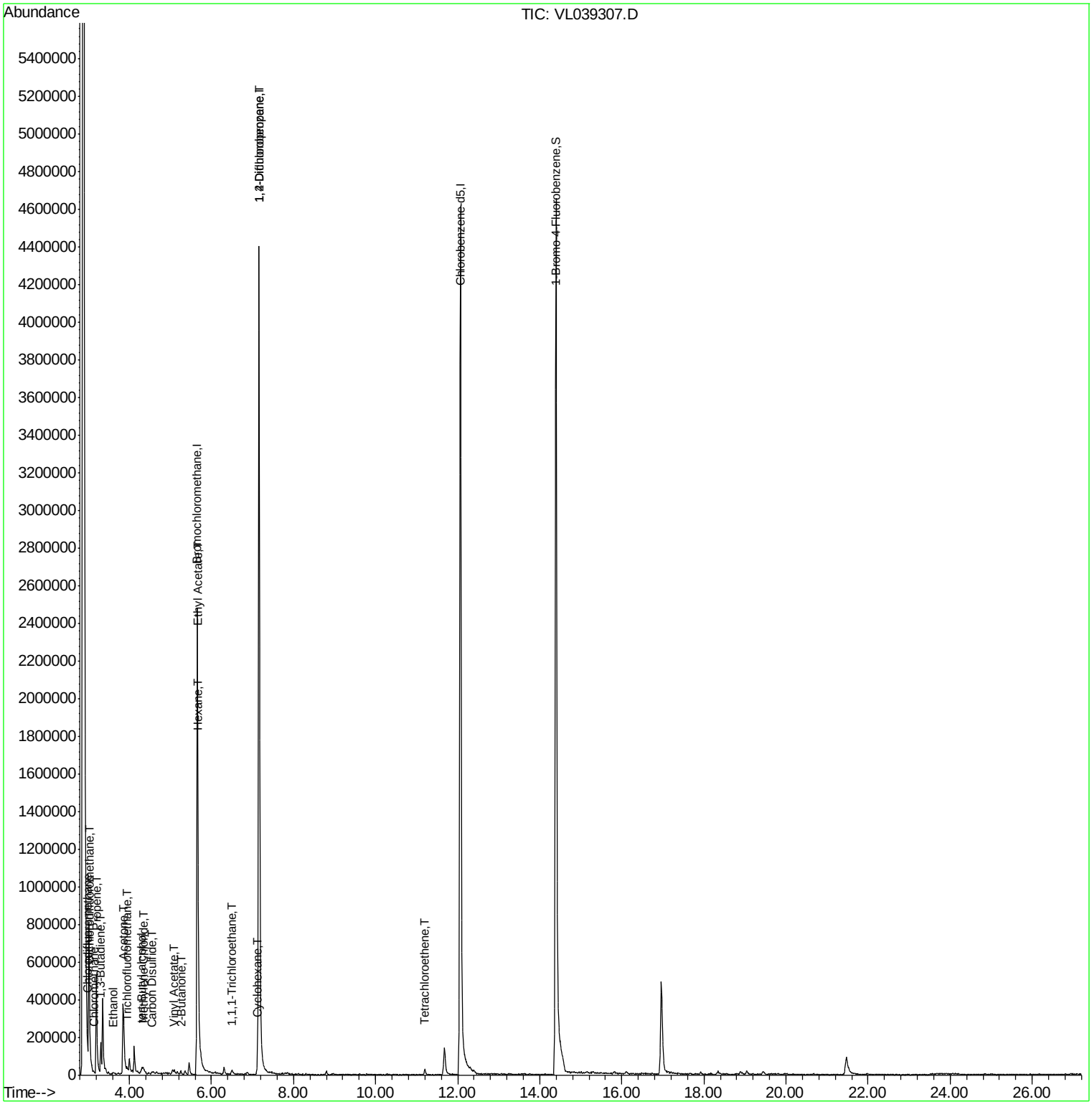
(#) = qualifier out of range (m) = manual integration (+) = signals summed

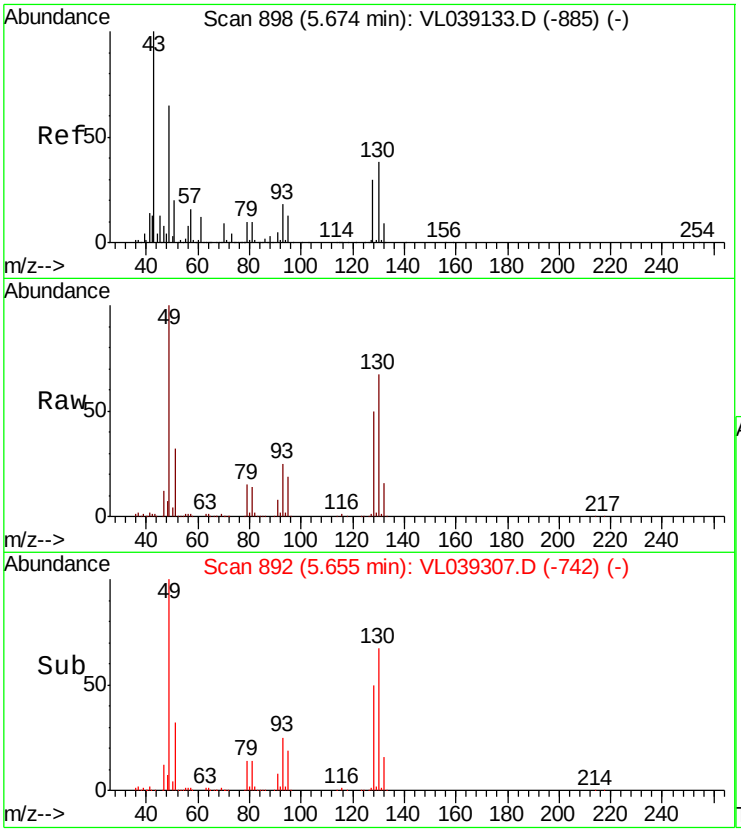
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061522\
Data File : VL039307.D
Acq On : 15 Jun 2022 22:37
Operator : SY/AP
Sample : N3326-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Quant Time: Jun 16 04:36:39 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



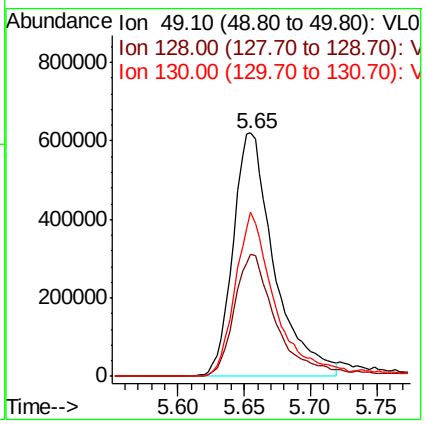


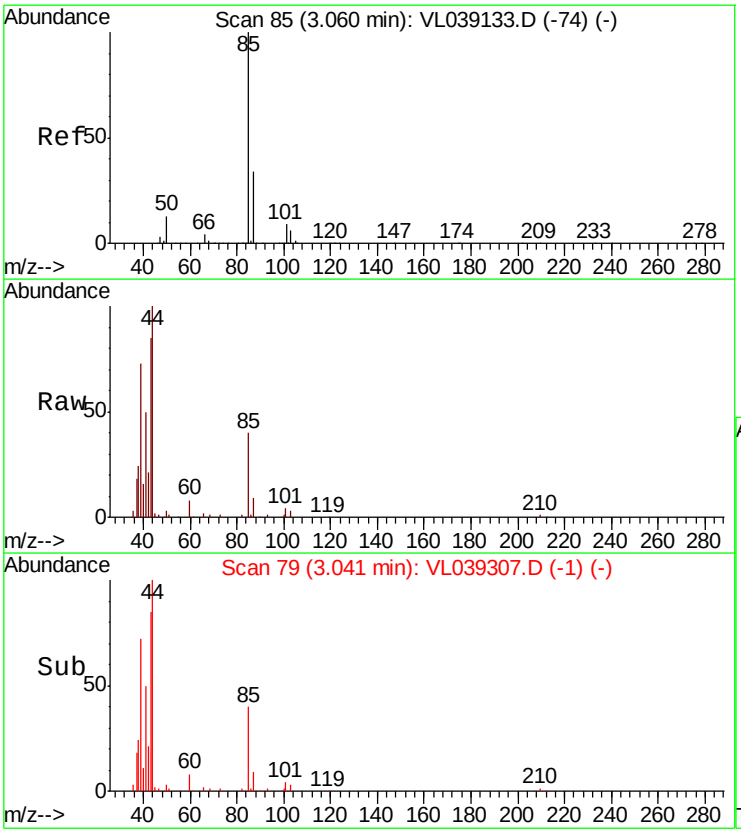
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 49 Resp: 1340719

Ion	Ratio	Lower	Upper
49	100		
128	54.0	24.7	74.1
130	69.0	31.4	94.0

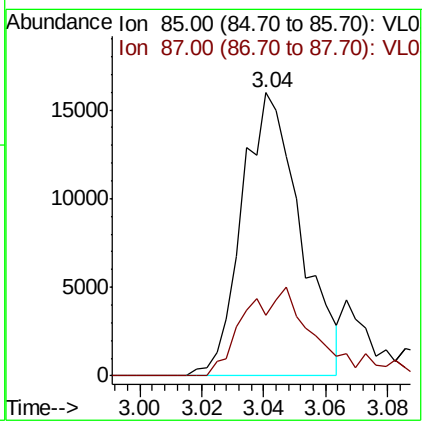


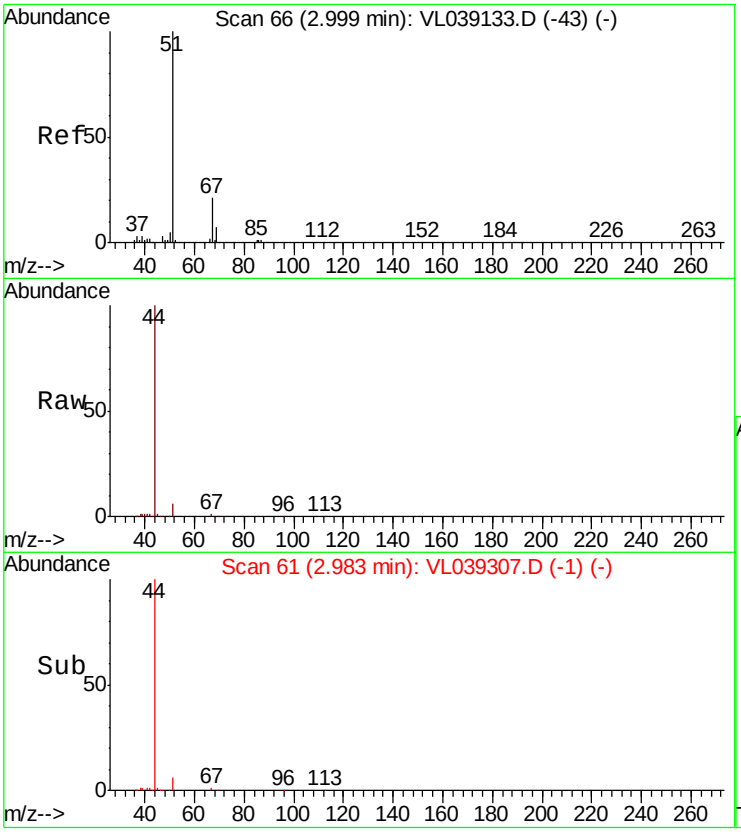


#2
Dichlorodifluoromethane
Concen: 0.089 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.02 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 85 Resp: 20981

Ion	Ratio	Lower	Upper
85	100		
87	21.6	26.9	40.3#



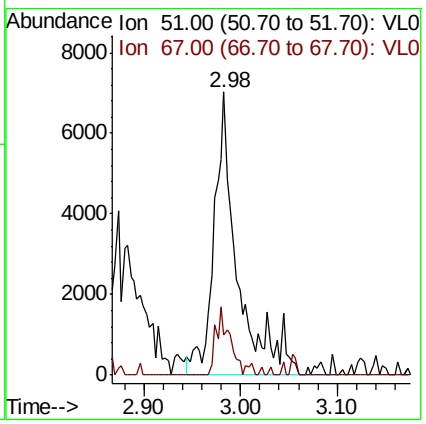


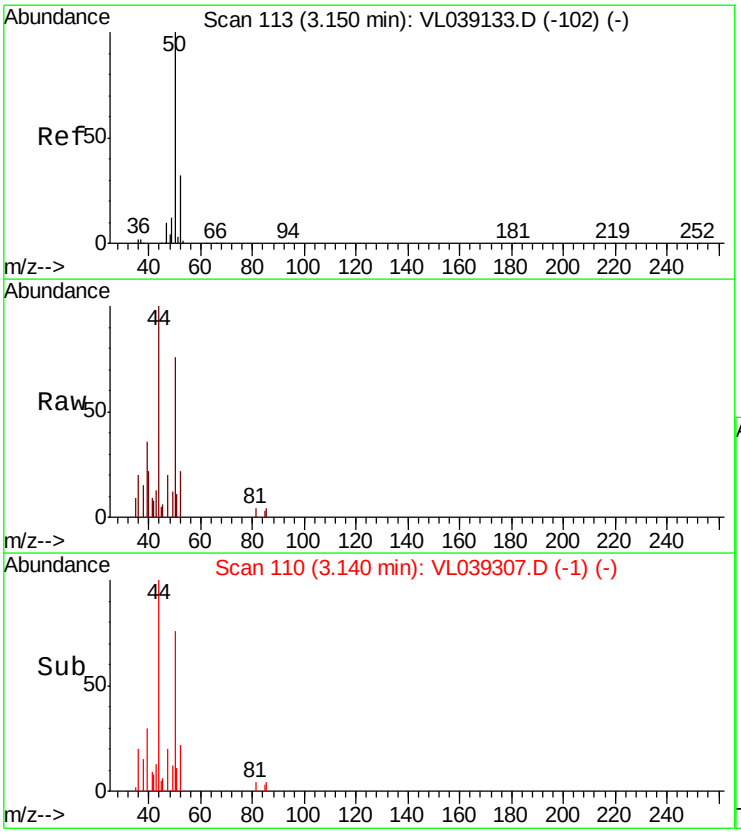
#3
Chlorodifluoromethane
Concen: 0.071 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 51 Resp: 12060

Ion	Ratio	Lower	Upper
51	100		
67	16.1	16.2	24.4#

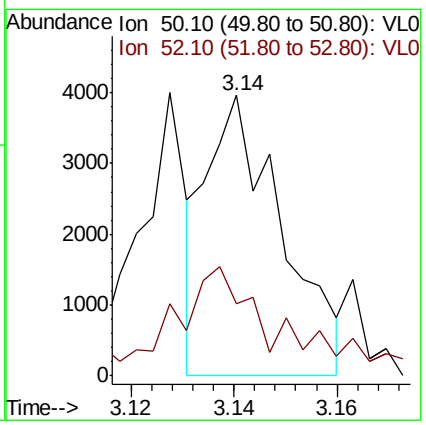


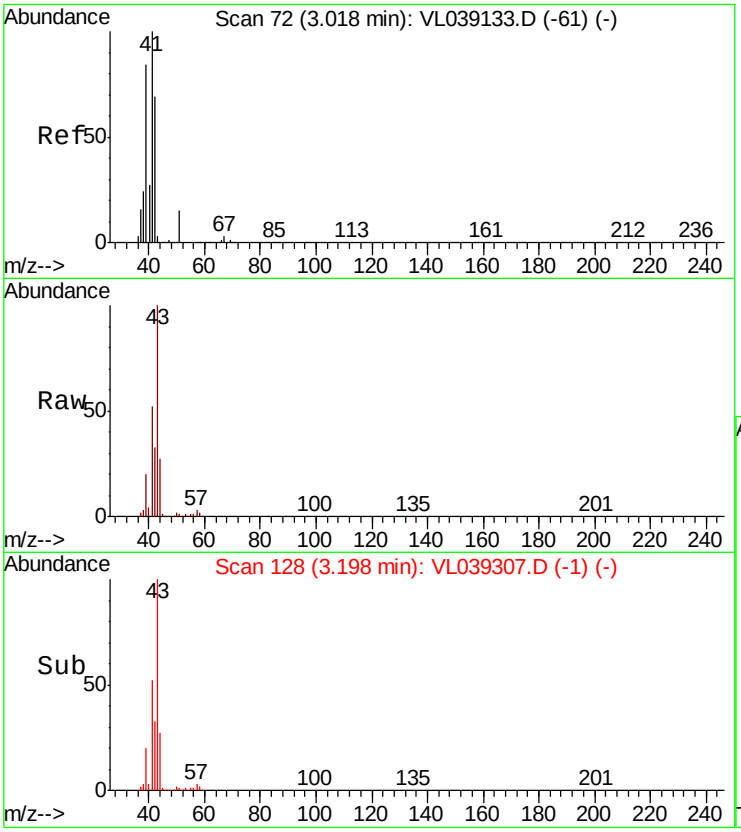


#4
Chloromethane
Concen: 0.046 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.01 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 50 Resp: 4009

Ion	Ratio	Lower	Upper
50	100		
52	23.4	25.9	38.9#



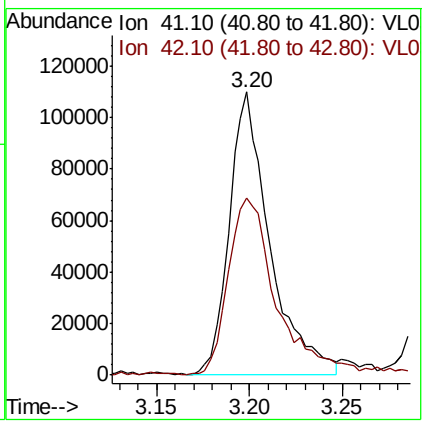


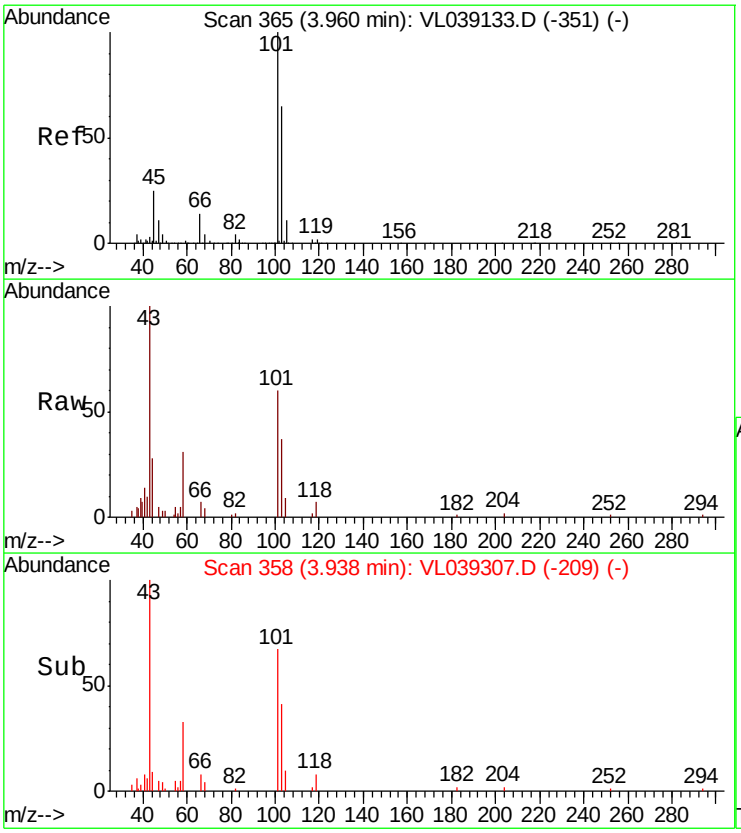
#9
Propene
Concen: 2.223 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 41 Resp: 165385

Ion	Ratio	Lower	Upper
41	100		
42	74.3	55.4	83.2

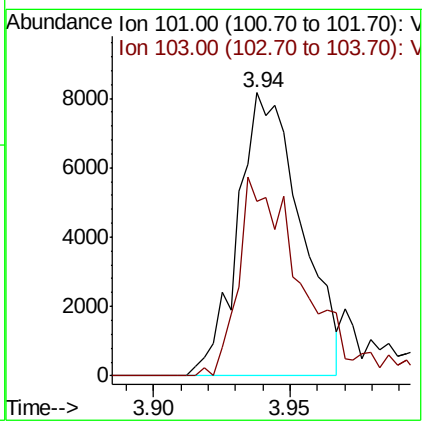


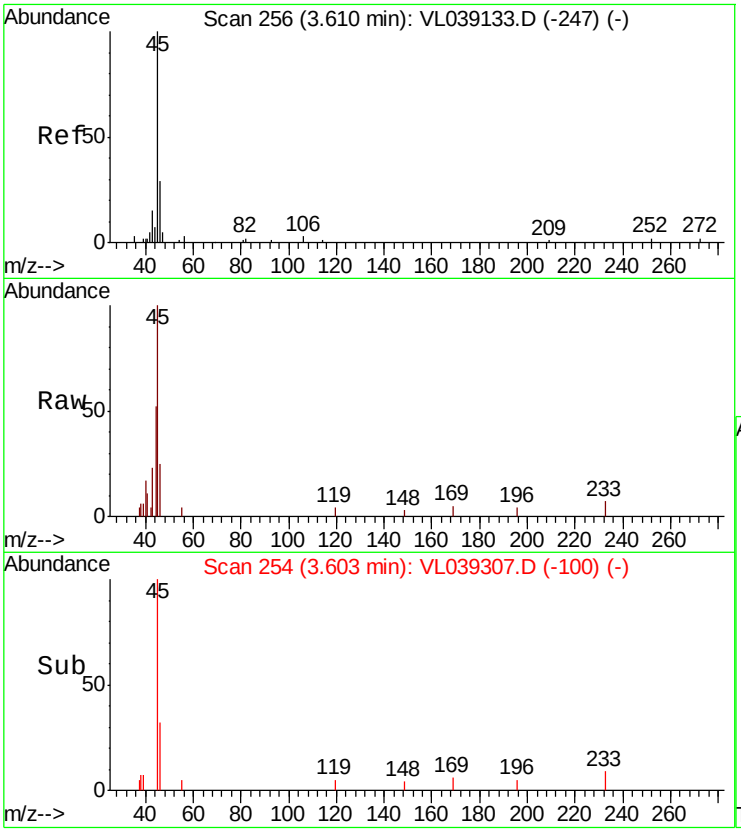


#11
Trichlorofluoromethane
Concen: 0.061 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.02 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion:101 Resp: 13078

Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.7	77.5



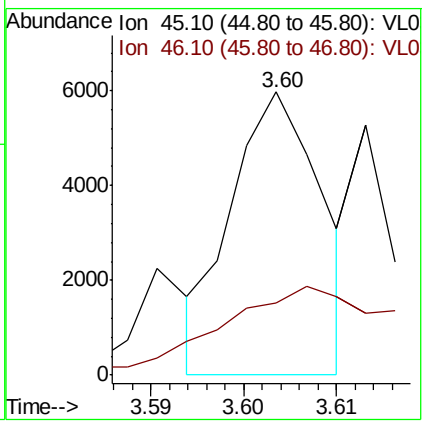


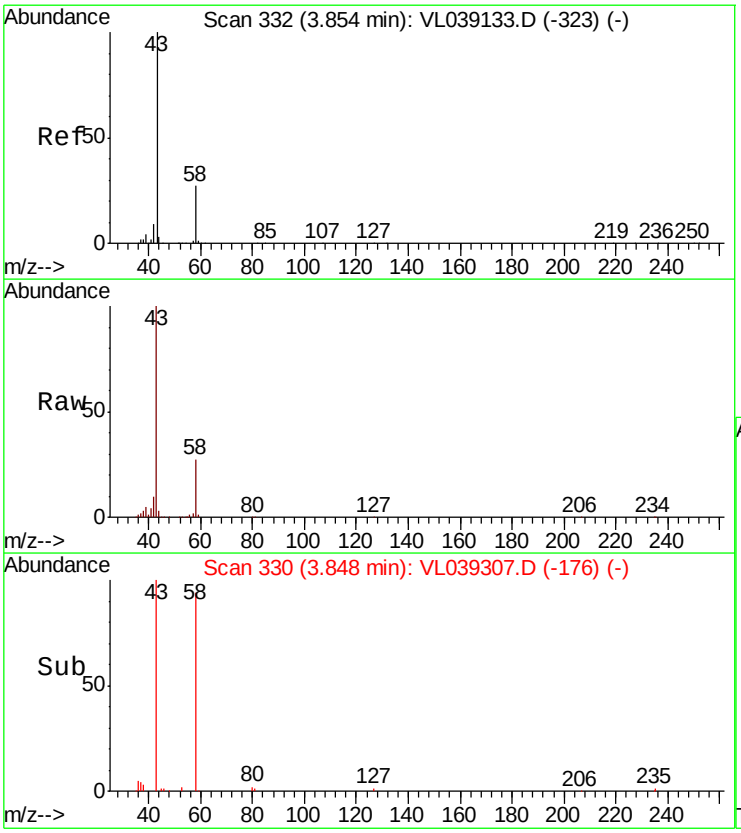
#13
Ethanol
Concen: 0.996 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 45 Resp: 4039

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

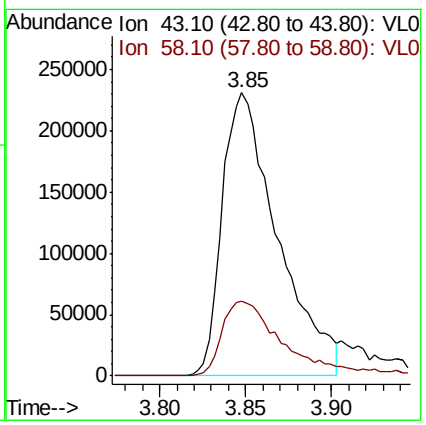


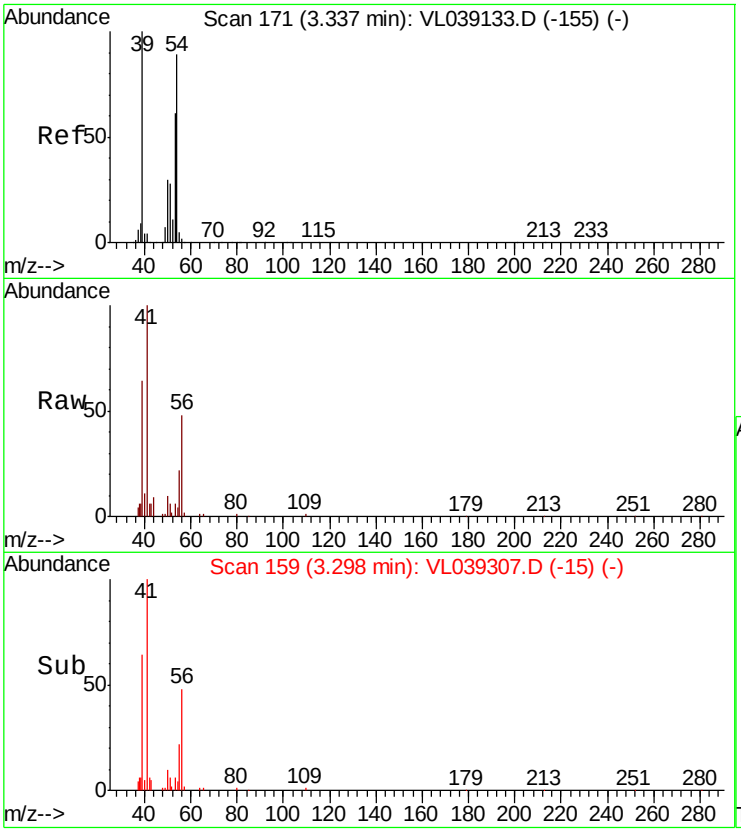


#15
Acetone
Concen: 3.700 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 43 Resp: 516752

Ion	Ratio	Lower	Upper
43	100		
58	31.2	22.5	33.7



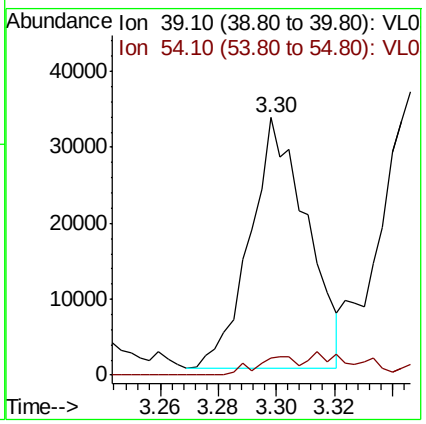


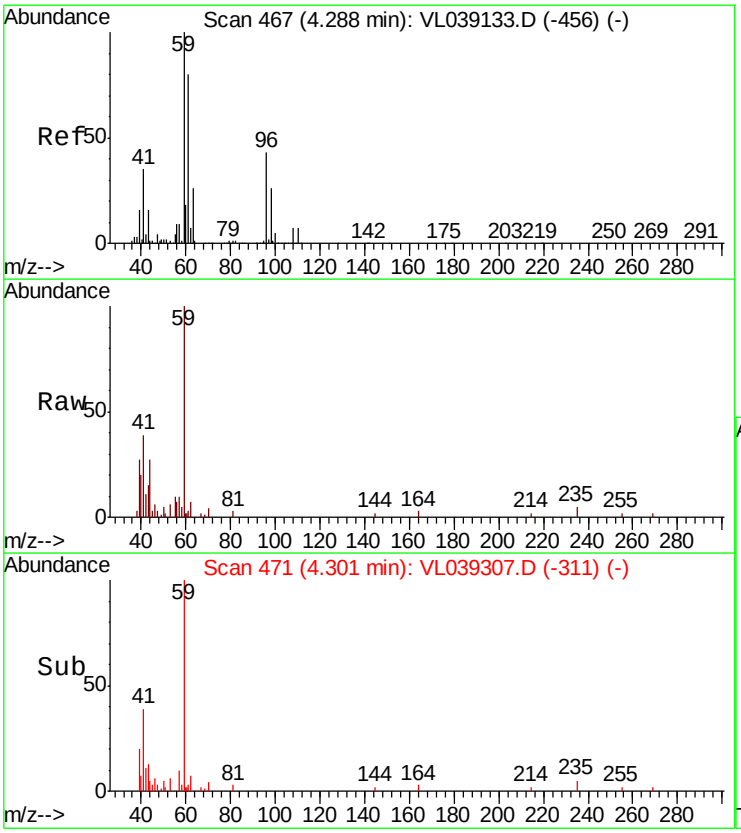
#16
1,3-Butadiene
Concen: 0.600 ppbv
RT: 3.30
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 39 Resp: 45031

Ion	Ratio	Lower	Upper
39	100		
54	16.5	65.8	98.6#

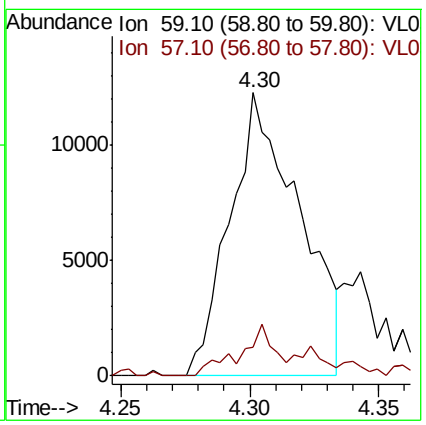


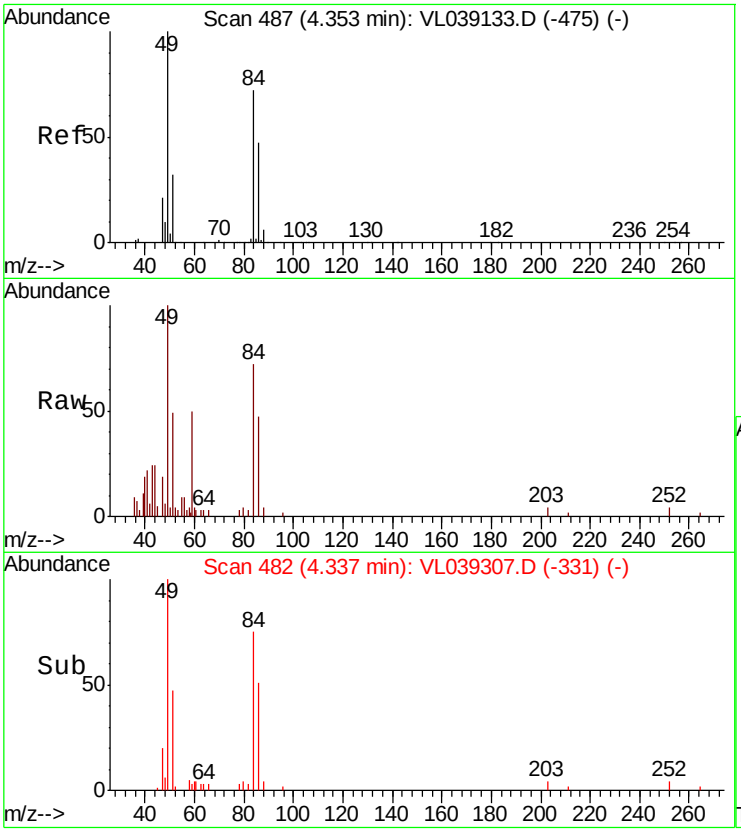


#17
tert-Butyl alcohol
Concen: 0.212 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 59 Resp: 22972

Ion	Ratio	Lower	Upper
59	100		
57	16.3	9.1	13.7#



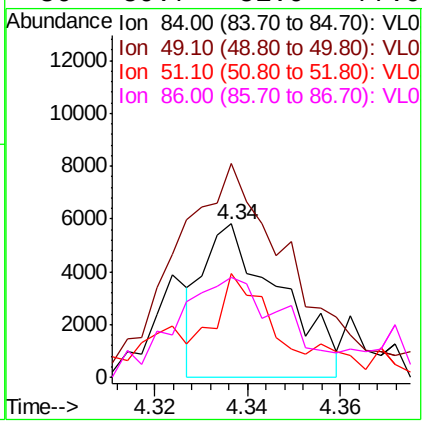


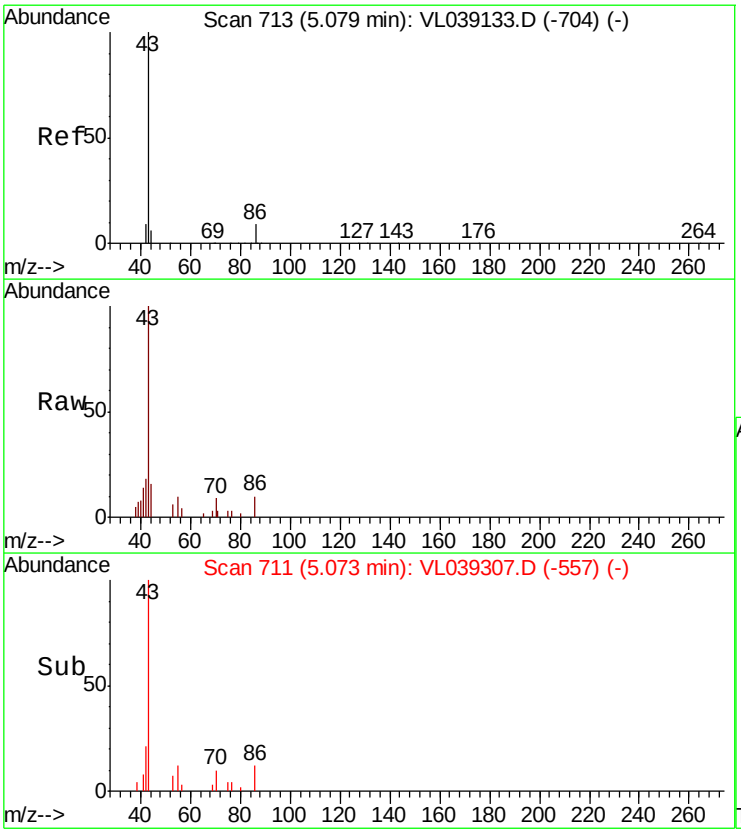
#20
Methylene Chloride
Concen: 0.113 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 84 Resp: 6673

Ion	Ratio	Lower	Upper
84	100		
49	120.4	111.1	166.7
51	61.6	35.3	52.9#
86	59.7	51.9	77.9

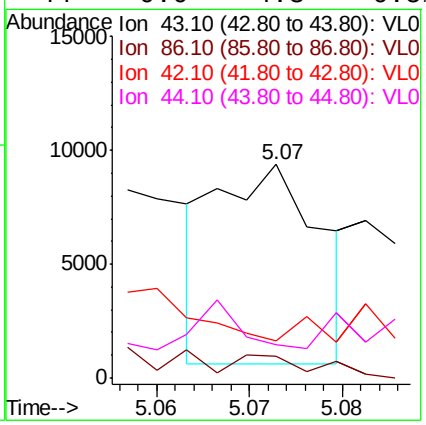


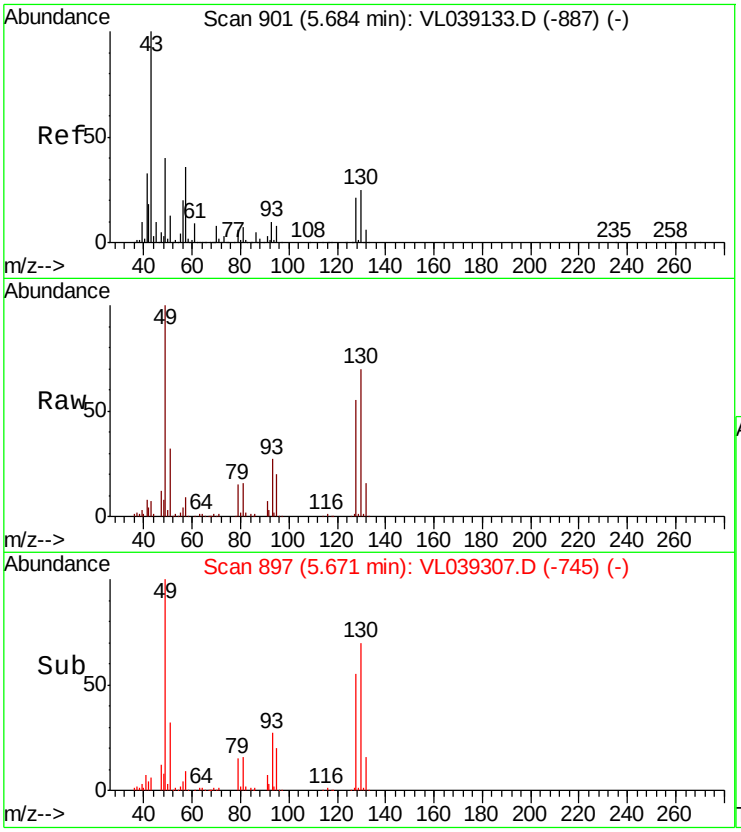


#23
Vinyl Acetate
Concen: 0.059 ppbv
RT: 5.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 43 Resp: 6866

Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.0	9.0
42	2.0	8.2	12.4#
44	0.0	4.3	6.5#



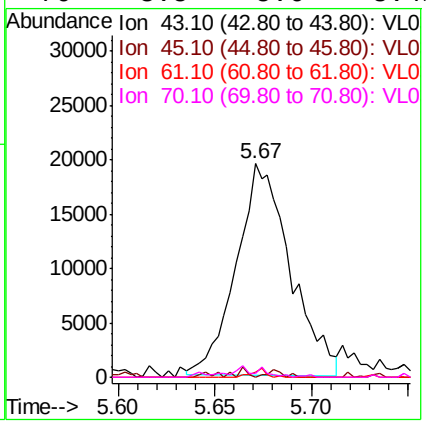


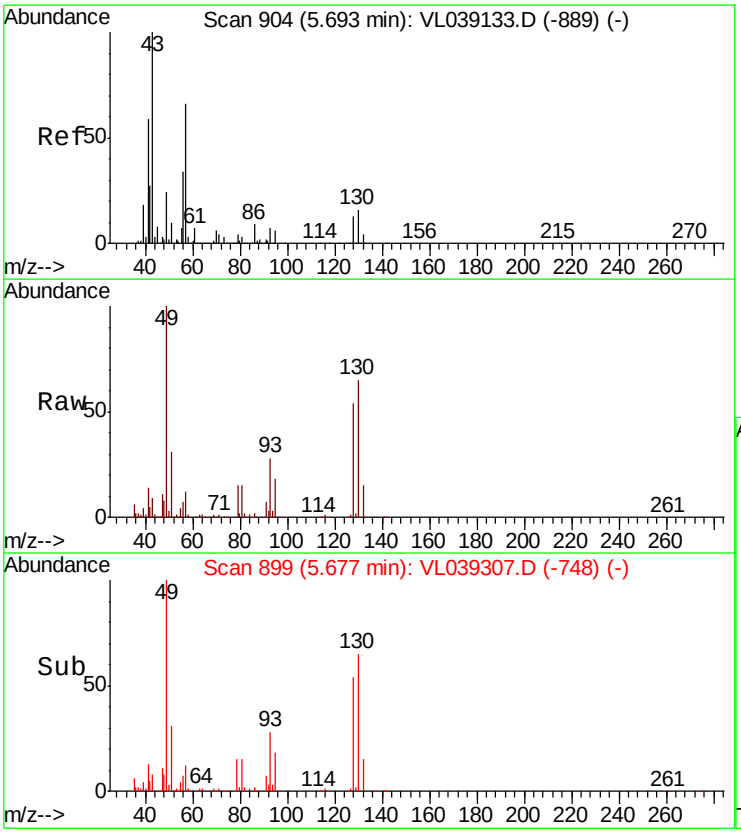
#25
Ethyl Acetate
Concen: 0.120 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 43 Resp: 37903

Ion	Ratio	Lower	Upper
43	100		
45	2.5	8.2	12.2#
61	1.1	8.4	12.6#
70	3.5	5.6	8.4#

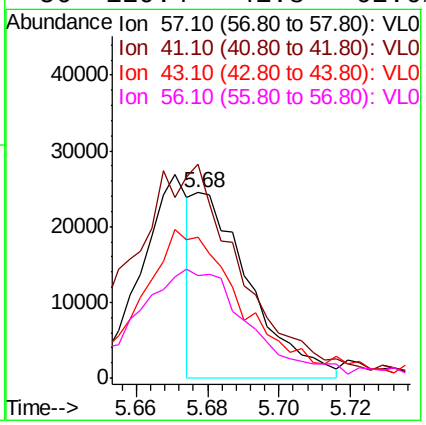


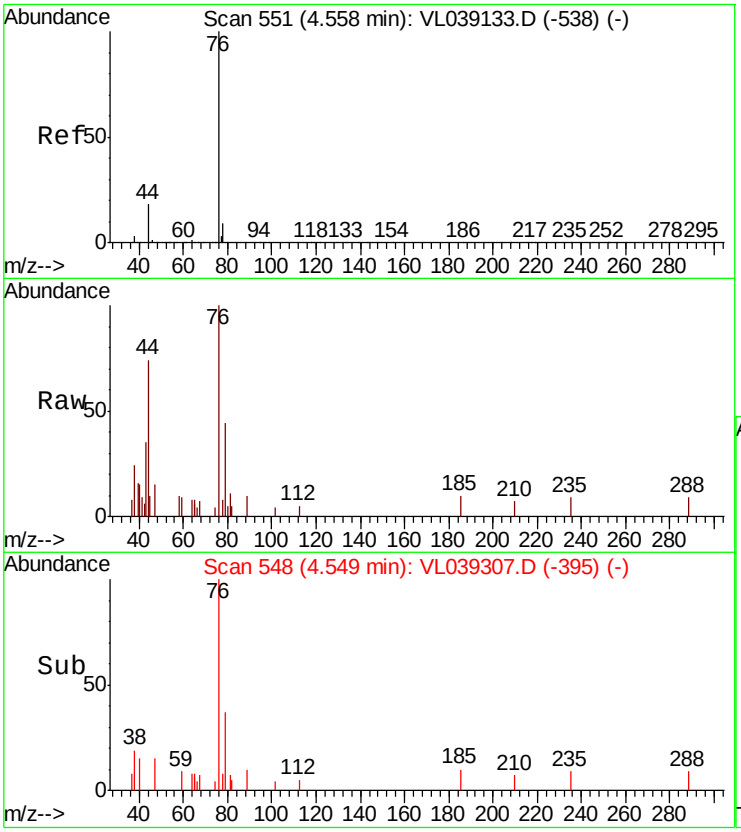


#26
Hexane
Concen: 0.192 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 57 Resp: 26599

Ion	Ratio	Lower	Upper
57	100		
41	244.2	72.4	108.6#
43	0.0	187.0	280.6#
56	129.4	41.8	62.6#



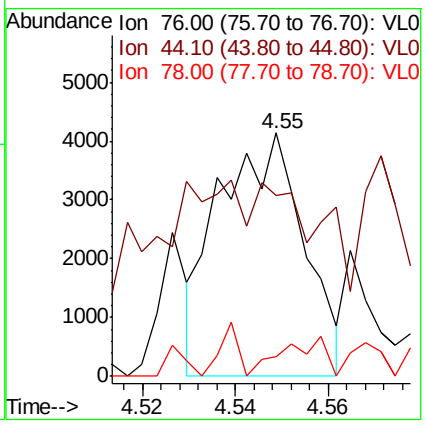


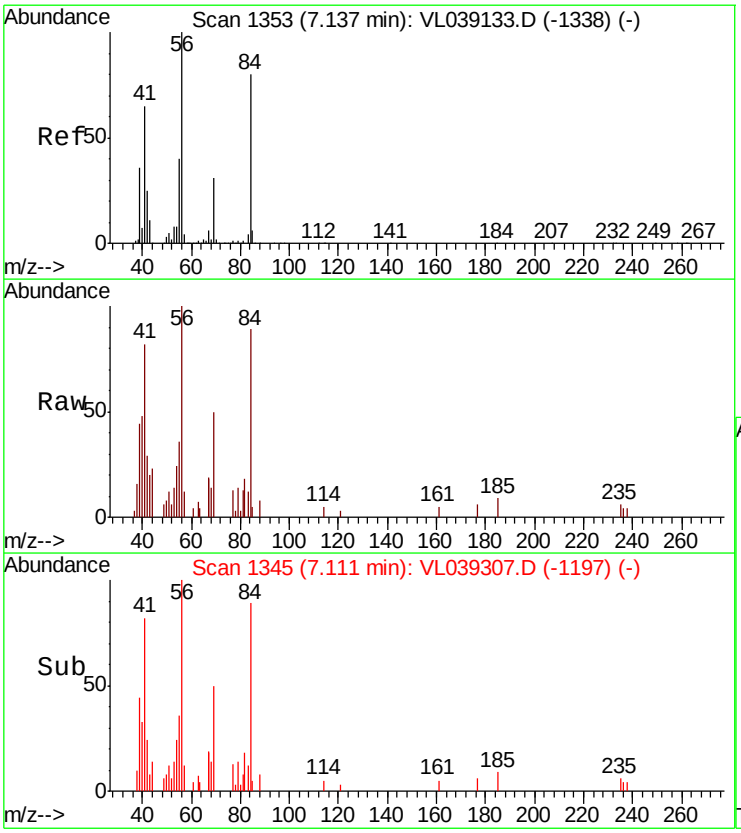
#27
Carbon Disulfide
Concen: 0.037 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 76 Resp: 5262

Ion	Ratio	Lower	Upper
76	100		
44	61.0	14.4	21.6#
78	23.6	7.7	11.5#

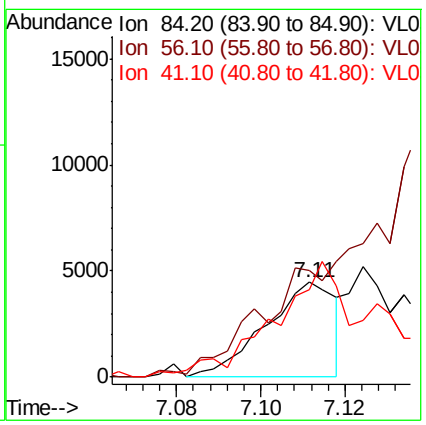


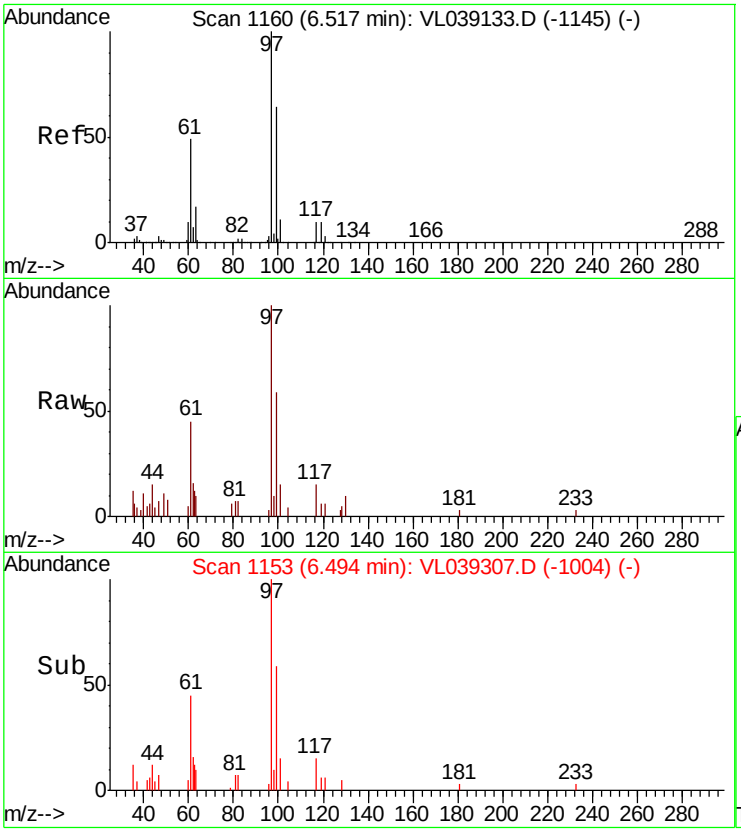


#30
Cyclohexane
Concen: 0.044 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.03 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 84 Resp: 5119

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	197.9	68.9	103.3#



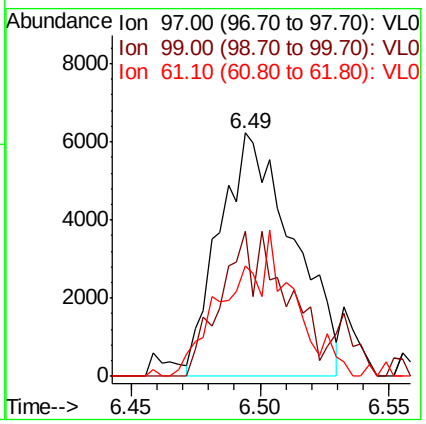


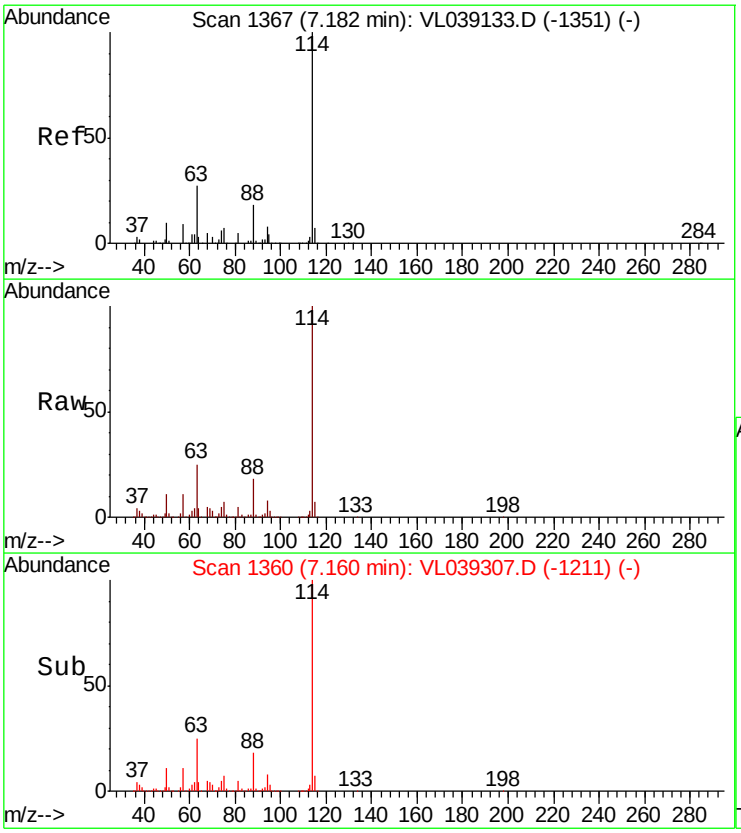
#32
1,1,1-Trichloroethane
Concen: 0.055 ppbv
RT: 6.49
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 97 Resp: 12455

Ion	Ratio	Lower	Upper
97	100		
99	61.2	52.1	78.1
61	52.7	40.0	60.0

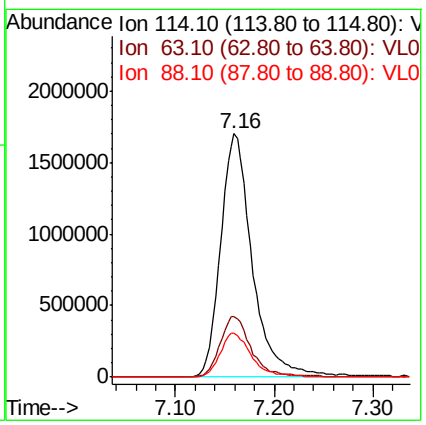


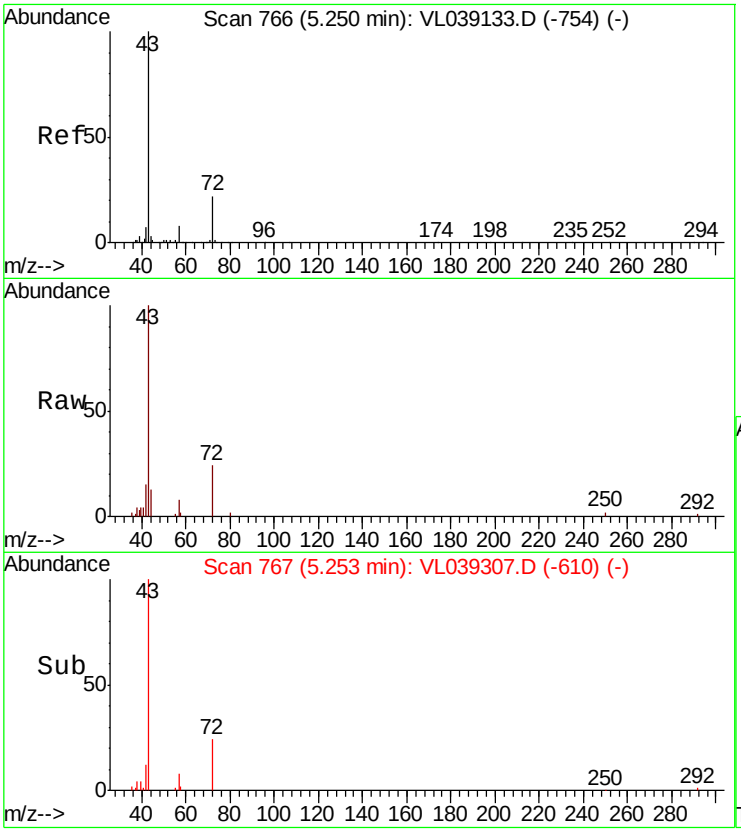


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion:114 Resp: 3815857

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.3	14.8	22.2



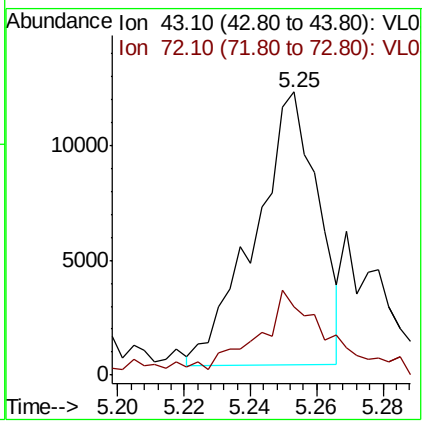


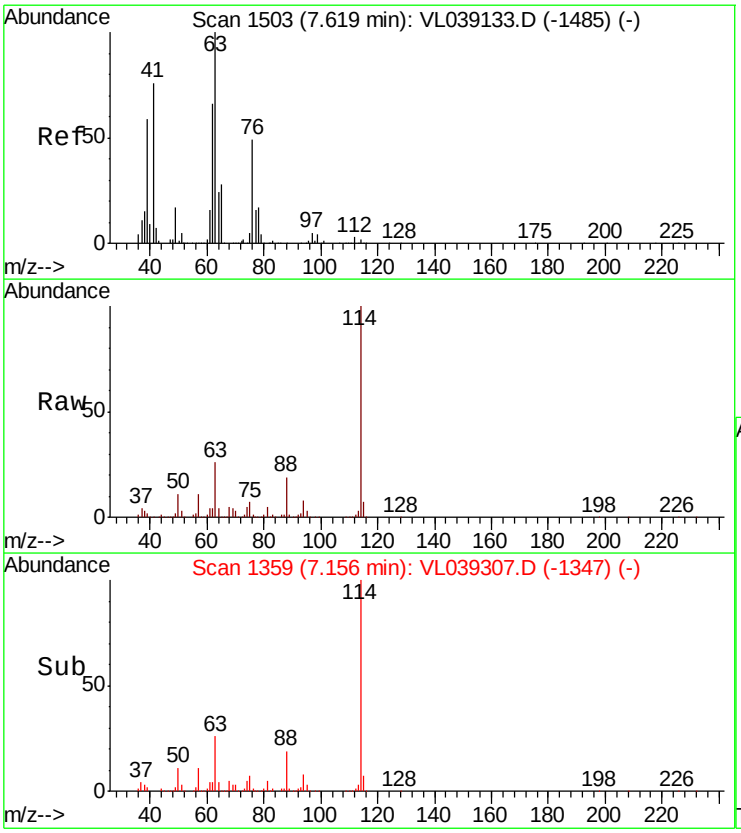
#34
2-Butanone
Concen: 0.076 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 43 Resp: 15700

Ion	Ratio	Lower	Upper
43	100		
72	41.0	18.2	27.2#

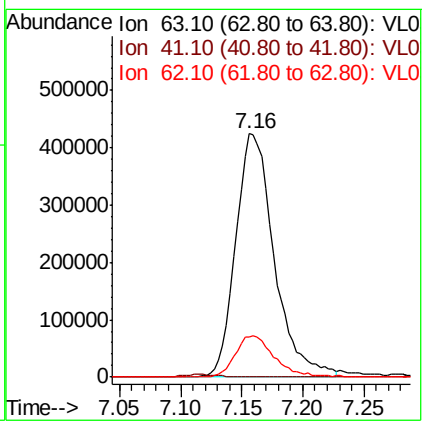


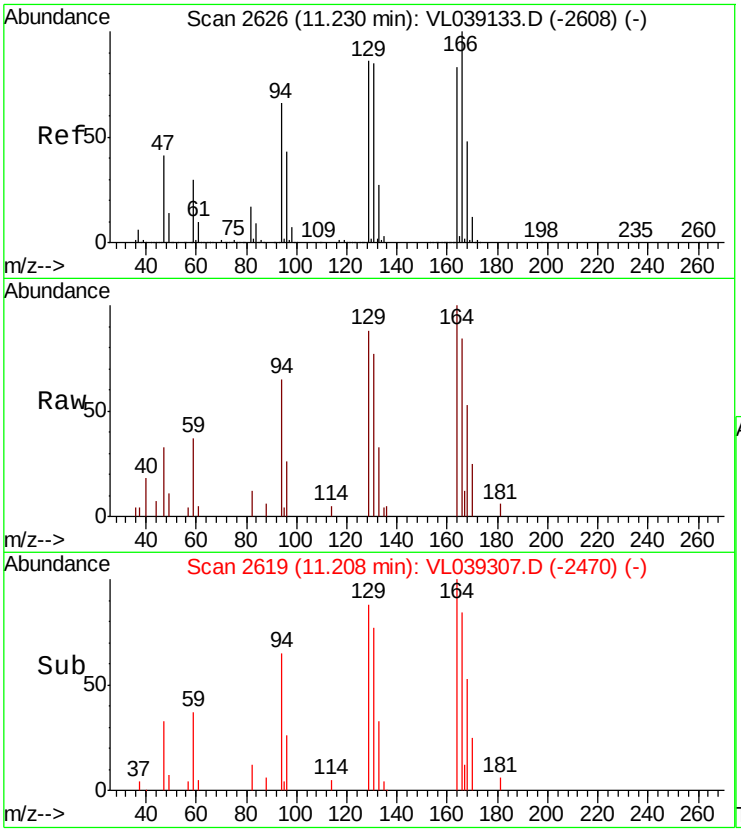


#39
1,2-Dichloropropane
Concen: 7.511 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.46 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion: 63 Resp: 925492

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.6	52.9	79.3#



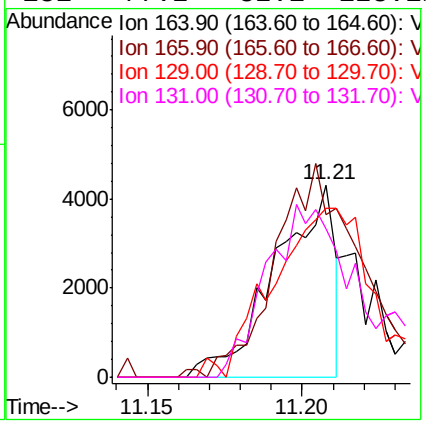


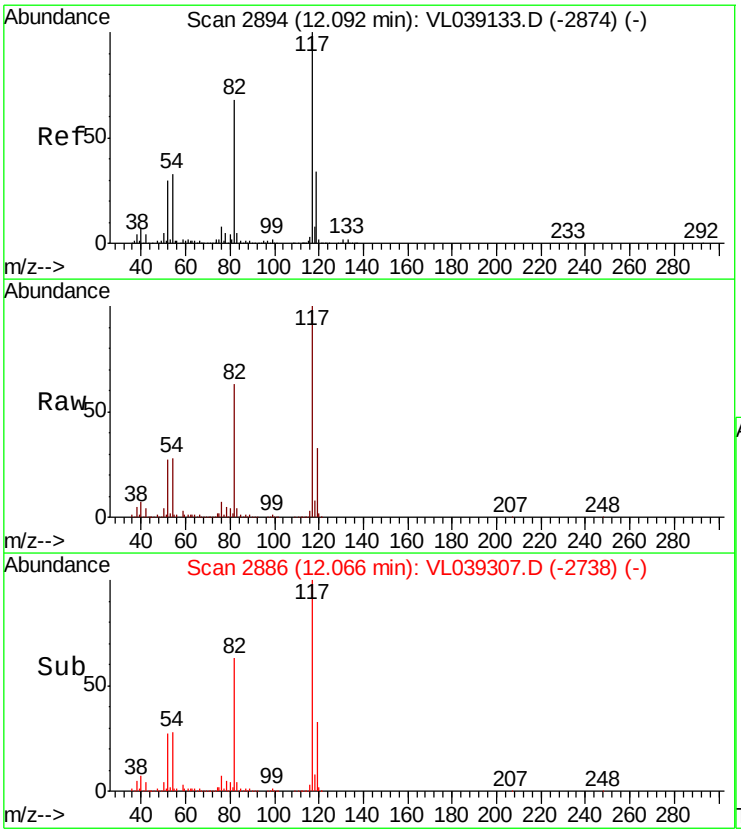
#52
Tetrachloroethene
Concen: 0.047 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion:164 Resp: 5684

Ion	Ratio	Lower	Upper
164	100		
166	80.7	96.3	144.5#
129	87.7	82.5	123.7
131	77.2	82.1	123.1#

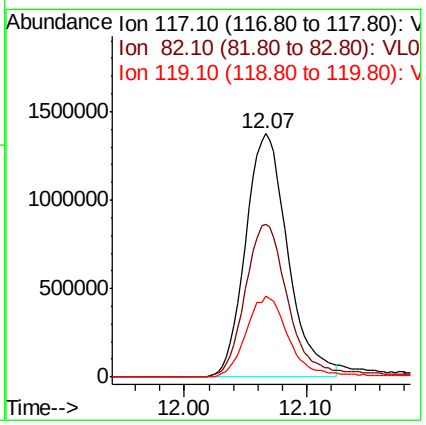


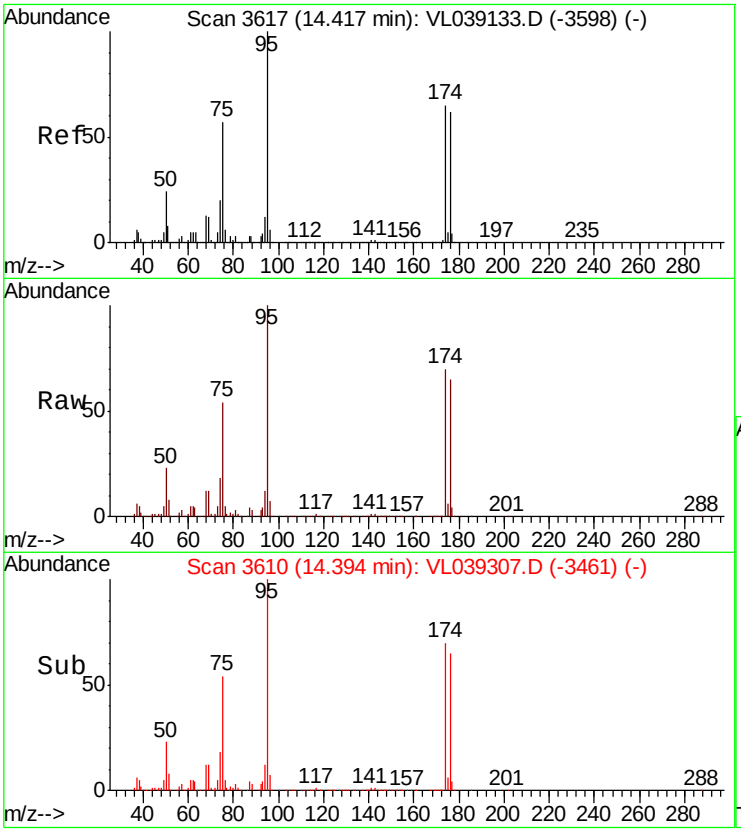


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL039307.D
Acq: 15 Jun 2022 22:37

Tgt Ion:117 Resp: 3291679

Ion	Ratio	Lower	Upper
117	100		
82	67.9	55.1	82.7
119	34.4	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.000 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 15 Jun 2022 22:37

Instrument :
MSVOA_L
ClientSampleId :
S V2DL

Tgt Ion: 95 Resp: 2449316

Ion	Ratio	Lower	Upper
95	100		
174	75.6	53.8	80.8
175	5.5	4.1	6.1