Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071922\
Data File : VL039505.D
Acq On : 20 Jul 2022 8:50
Operator : SY/AP
Sample : N3750-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA-1

Quant Time: Jul 21 05:27:59 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	918479	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	2596119	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	2277760	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	1742406	10.31	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	37960	0.287	ppbv #	87
3) Chlorodifluoromethane	3.00	51	50474	0.433	ppbv	96
4) Chloromethane	3.15	50	33196	0.521	ppbv	96
9) Propene	3.02	41	10292	0.196	ppbv #	1
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5635	0.051	ppbv #	34
13) Ethanol	3.61	45	57298	18.767	ppbv	87
15) Acetone	3.85	43	803895	7.398	ppbv	94
16) 1,3-Butadiene	3.32	39	3516	0.062	ppbv #	64
19) Isopropyl Alcohol	3.97	45	6808	0.117	ppbv #	88
20) Methylene Chloride	4.35	84	416793	9.623	ppbv	96
23) Vinyl Acetate	5.07	43	41212	0.568	ppbv #	72
25) Ethyl Acetate	5.70	43	162384	0.729	ppbv #	78
26) Hexane	5.70	57	233812	2.603	ppbv #	40
34) 2-Butanone	5.26	43	35214	0.269	ppbv #	83
35) Carbon Tetrachloride	7.03	117	10107	0.063	ppbv #	57
36) Benzene	6.90	78	13026	0.065	ppbv	94
39) 1,2-Dichloropropane	7.19	63	640538	8.533	ppbv #	26
53) Toluene	9.82	91	31952	0.138	ppbv	89

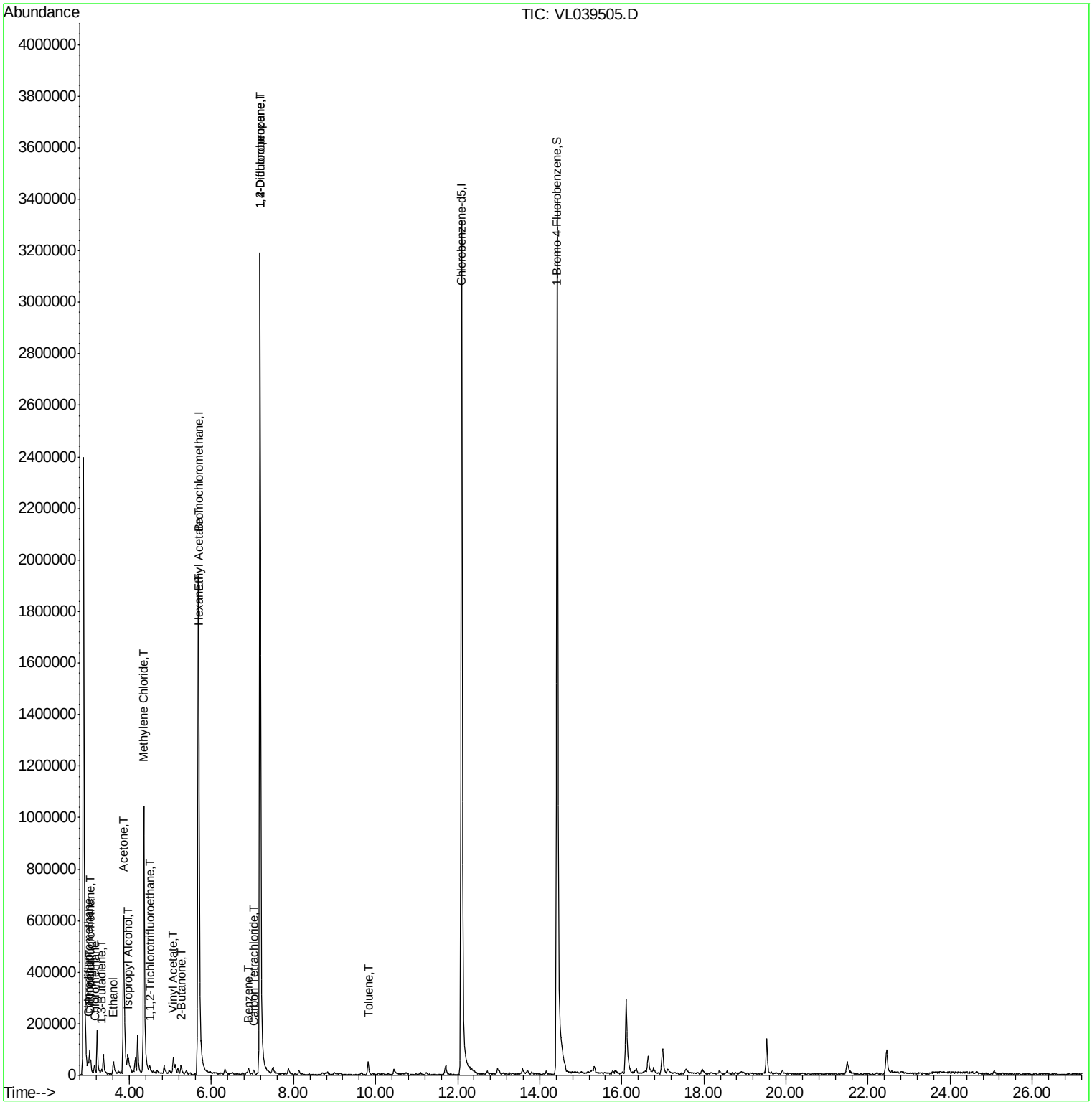
(#) = qualifier out of range (m) = manual integration (+) = signals summed

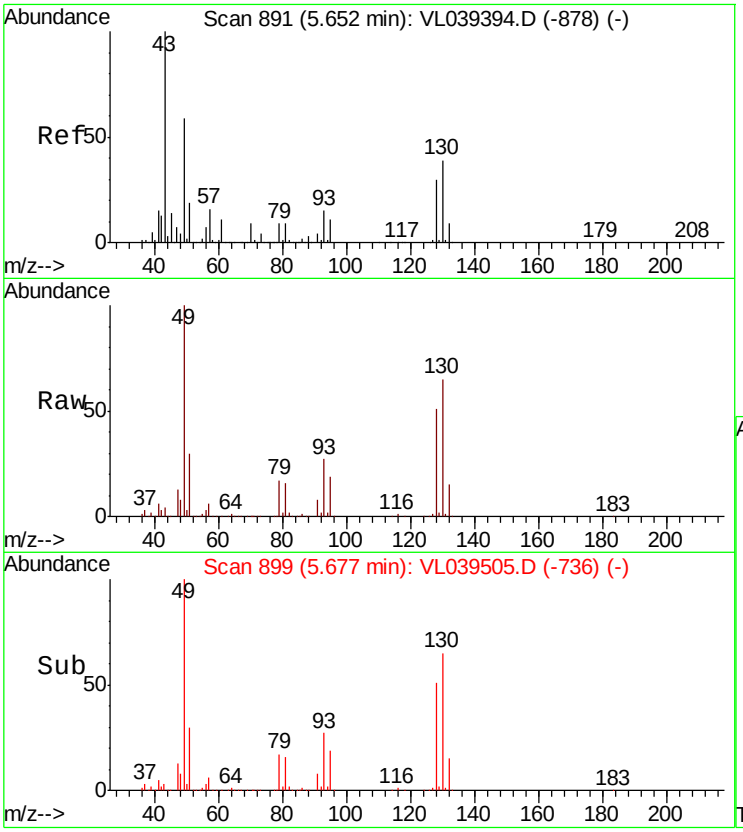
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071922\
Data File : VL039505.D
Acq On : 20 Jul 2022 8:50
Operator : SY/AP
Sample : N3750-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Quant Time: Jul 21 05:27:59 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration



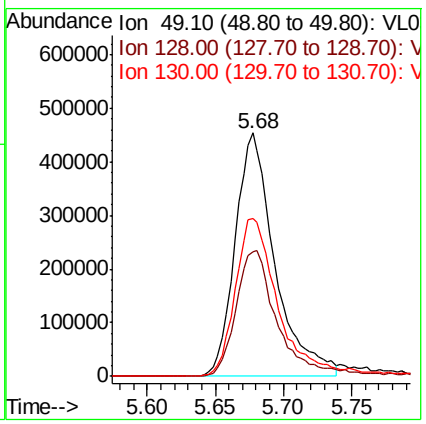


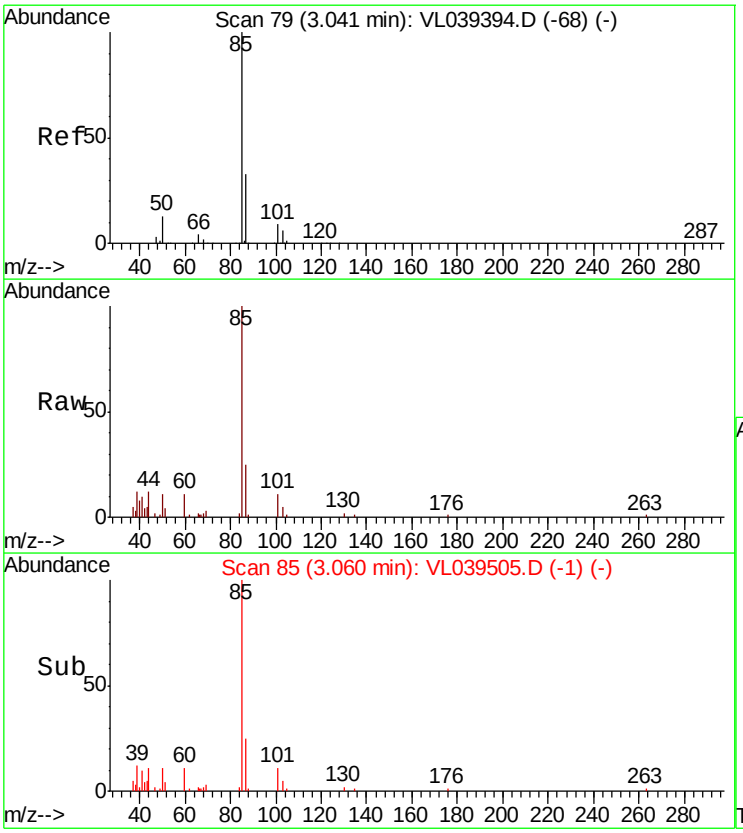
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 49 Resp: 918479

Ion	Ratio	Lower	Upper
49	100		
128	55.9	26.7	80.0
130	72.9	34.3	102.8

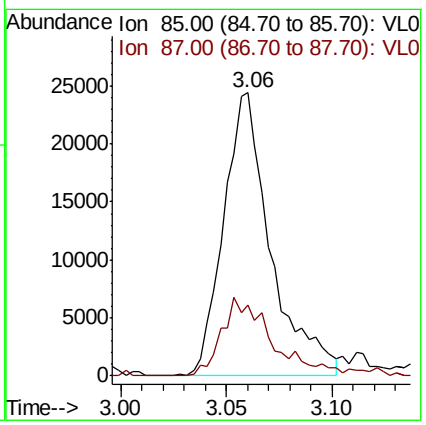


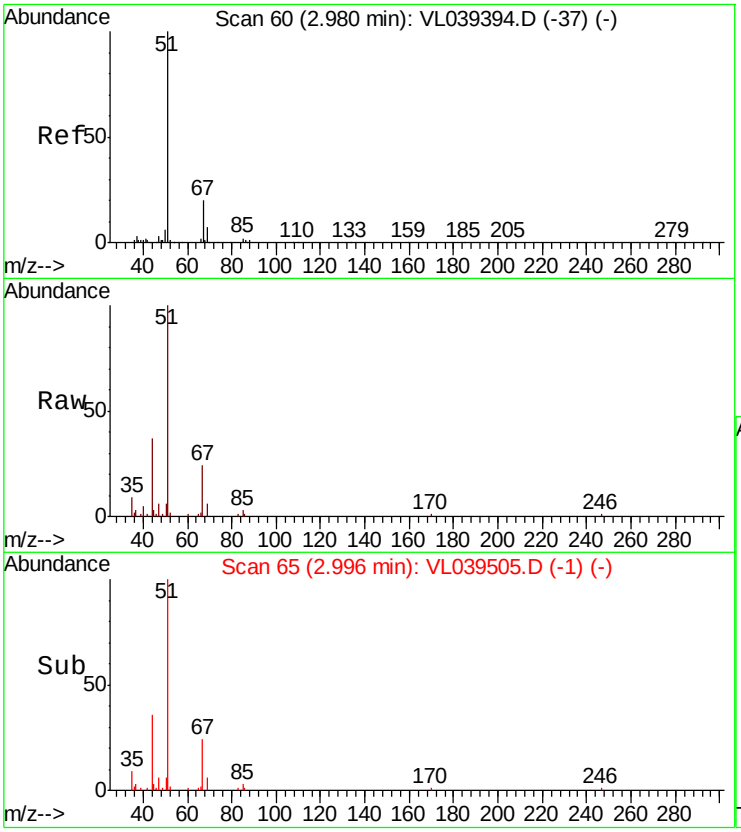


#2
Dichlorodifluoromethane
Concen: 0.287 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 85 Resp: 37960

Ion	Ratio	Lower	Upper
85	100		
87	25.9	26.7	40.1#



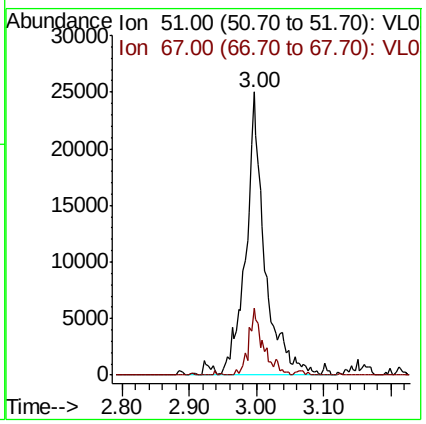


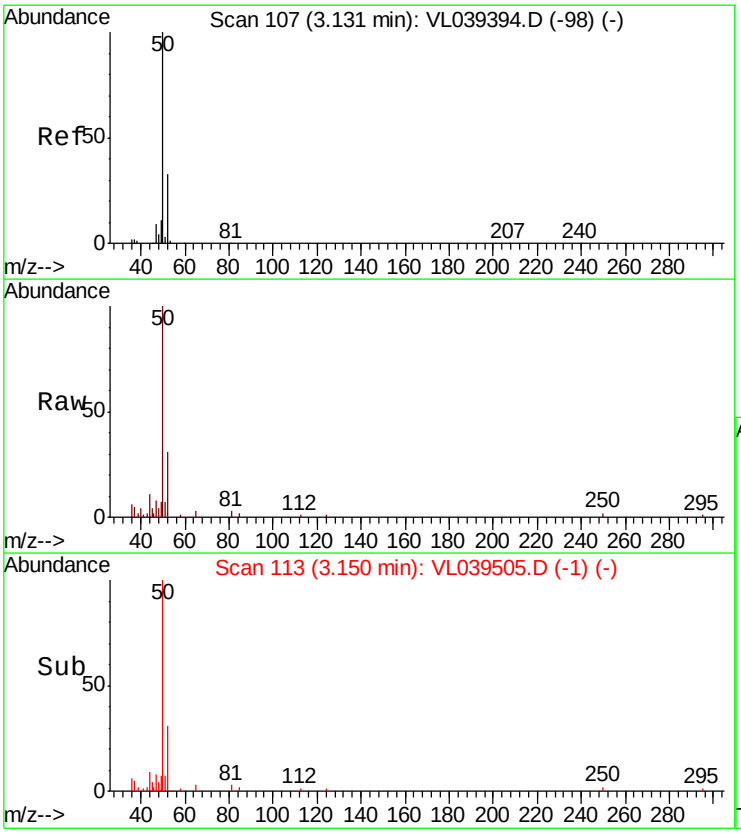
#3
Chlorodifluoromethane
Concen: 0.433 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 51 Resp: 50474

Ion	Ratio	Lower	Upper
51	100		
67	17.5	15.7	23.5

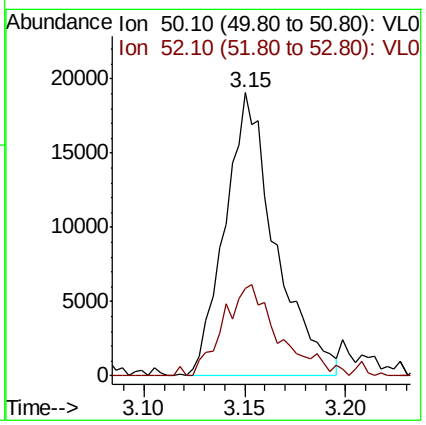


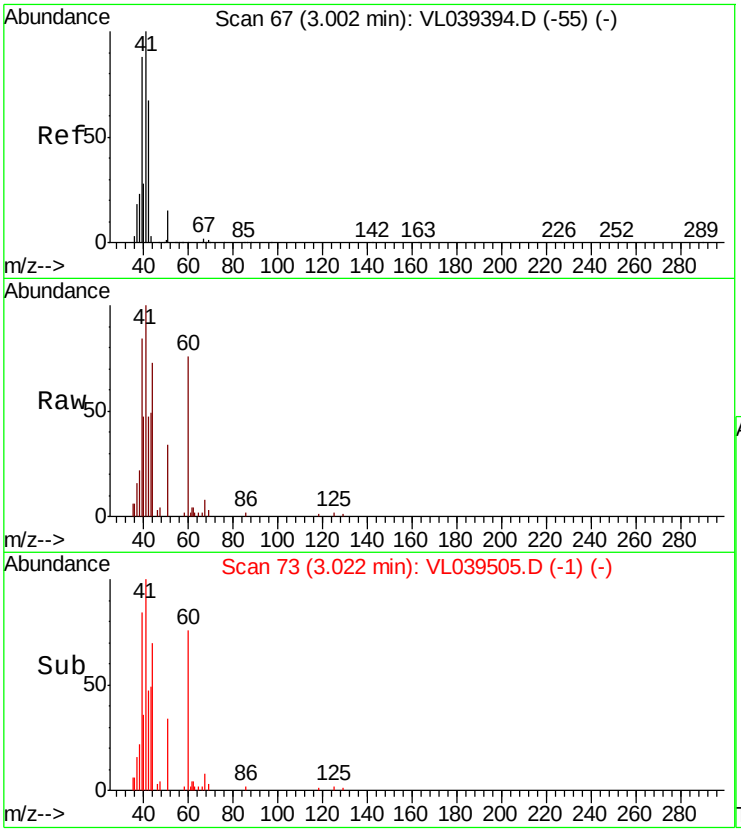


#4
Chloromethane
Concen: 0.521 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 50 Resp: 33196

Ion	Ratio	Lower	Upper
50	100		
52	30.9	26.5	39.7



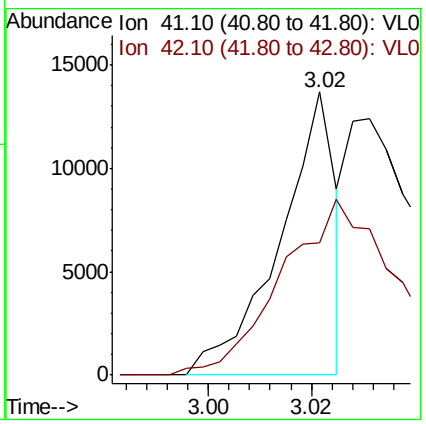


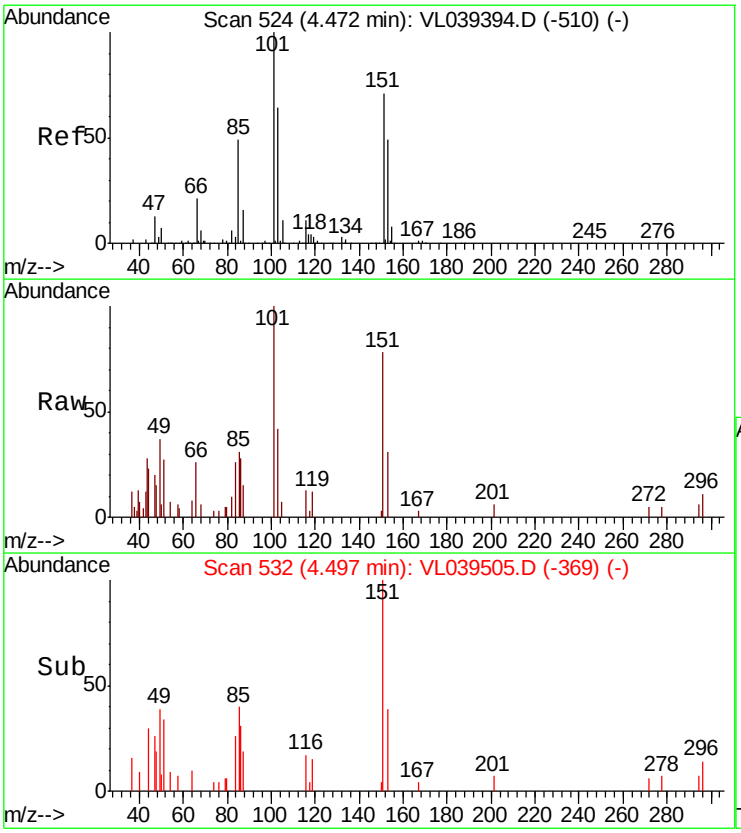
#9
Propene
Concen: 0.196 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 41 Resp: 10292

Ion	Ratio	Lower	Upper
41	100		
42	151.2	55.2	82.8#

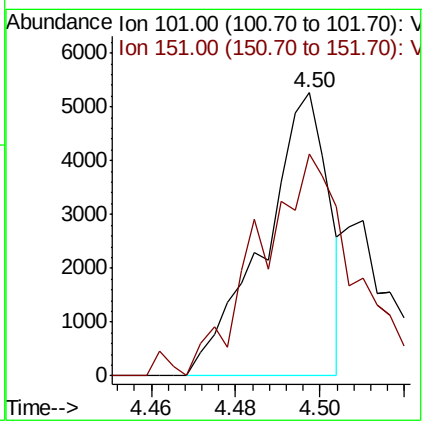


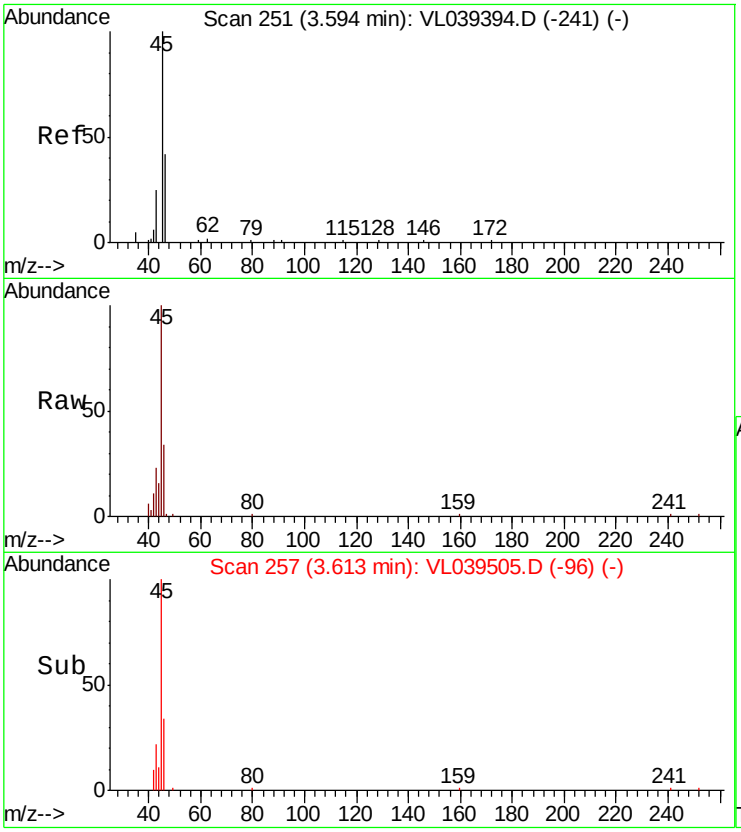


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.051 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.03 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion:101 Resp: 5635

Ion	Ratio	Lower	Upper
101	100		
151	129.2	58.9	88.3#



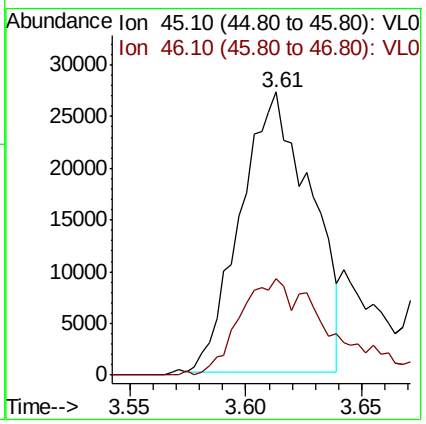


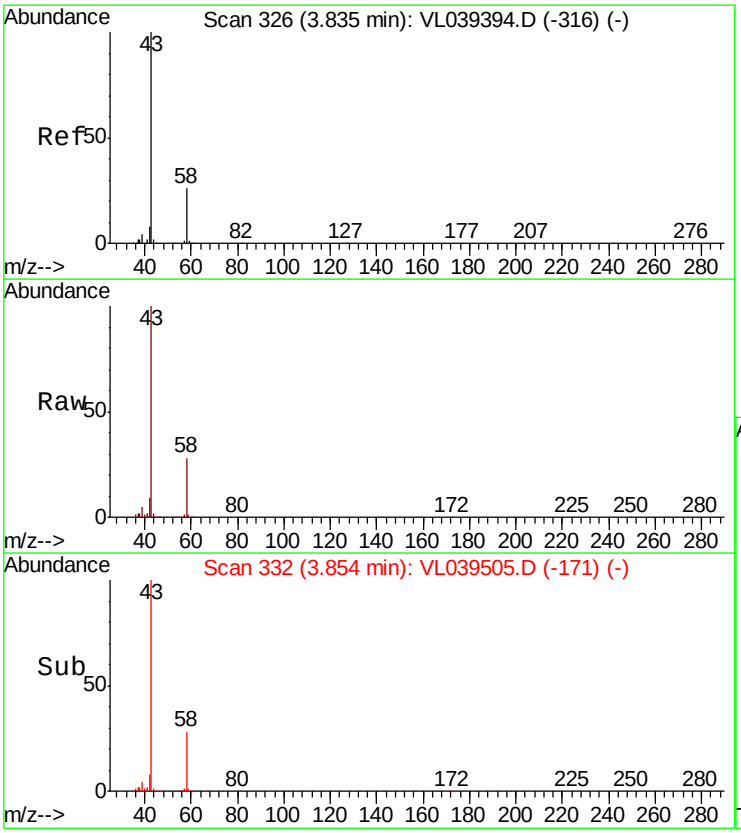
#13
Ethanol
Concen: 18.767 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 45 Resp: 57298

Ion	Ratio	Lower	Upper
45	100		
46	47.3	22.8	91.2

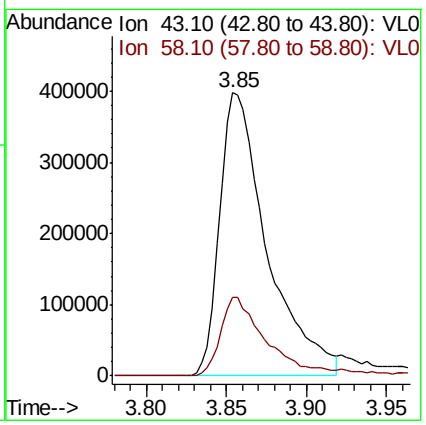


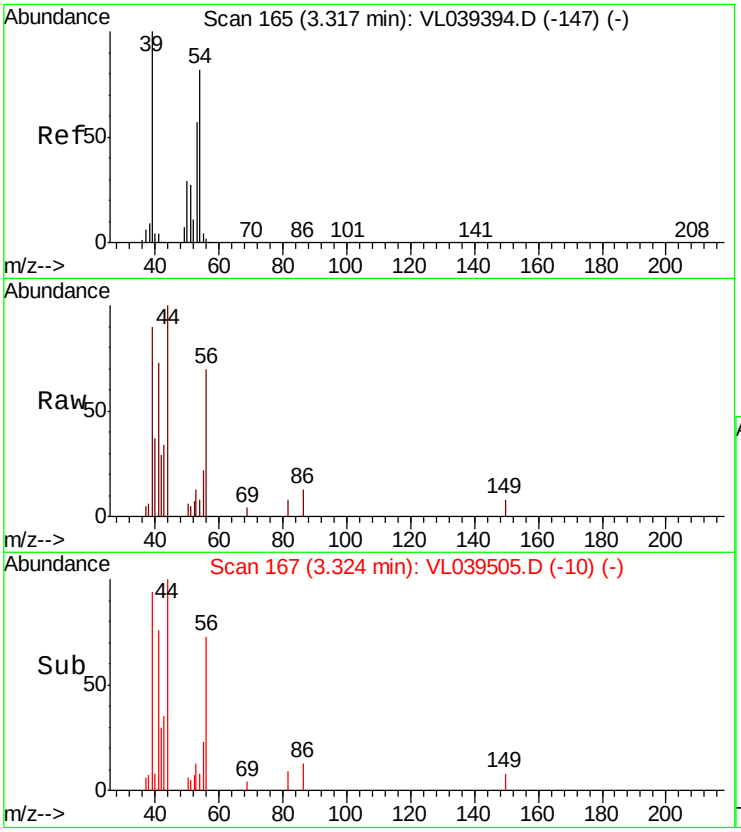


#15
Acetone
Concen: 7.398 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 43 Resp: 803895

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.0	31.6



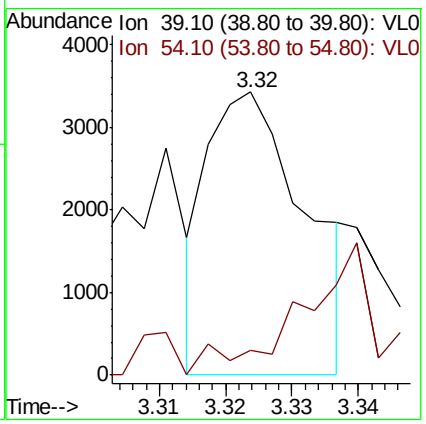


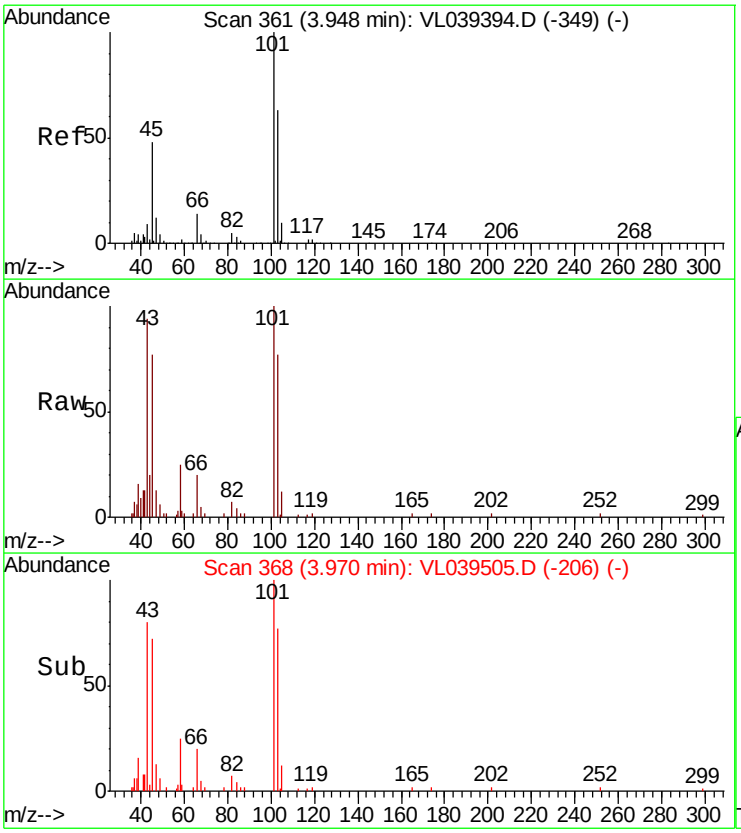
#16
1,3-Butadiene
Concen: 0.062 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 39 Resp: 3516

Ion	Ratio	Lower	Upper
39	100		
54	48.2	63.7	95.5#

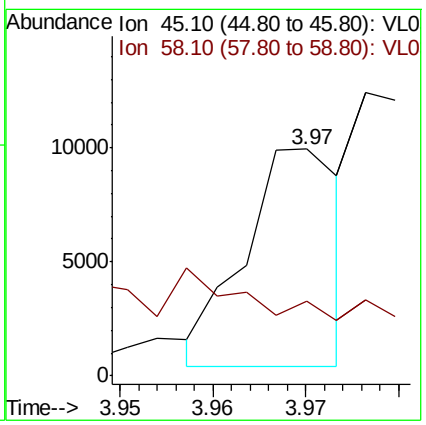


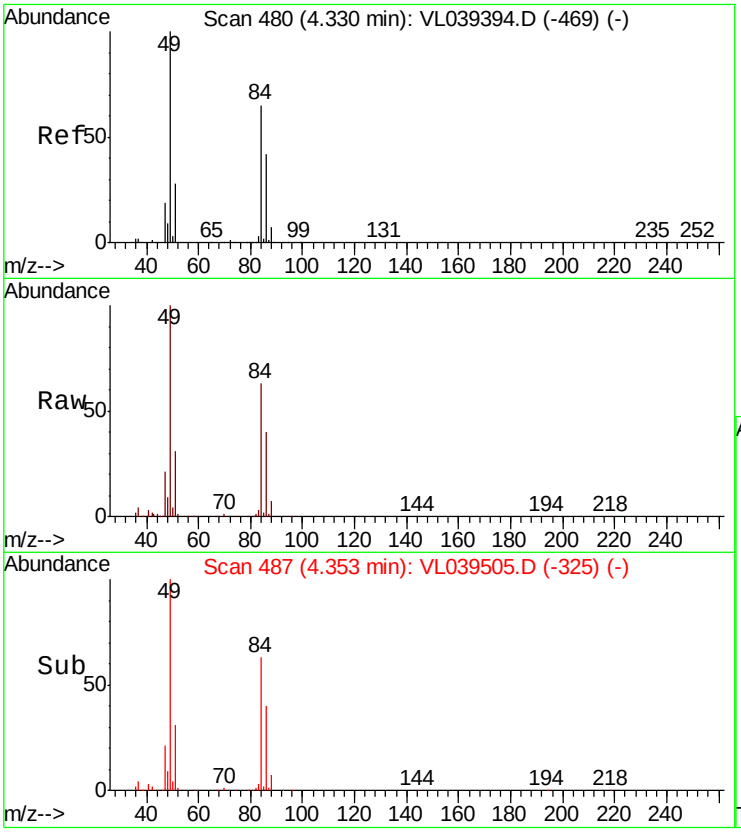


#19
Isopropyl Alcohol
Concen: 0.117 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 45 Resp: 6808

Ion	Ratio	Lower	Upper
45	100		
58	0.0	3.2	4.8#



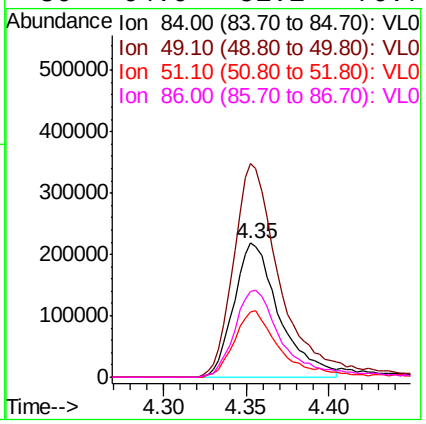


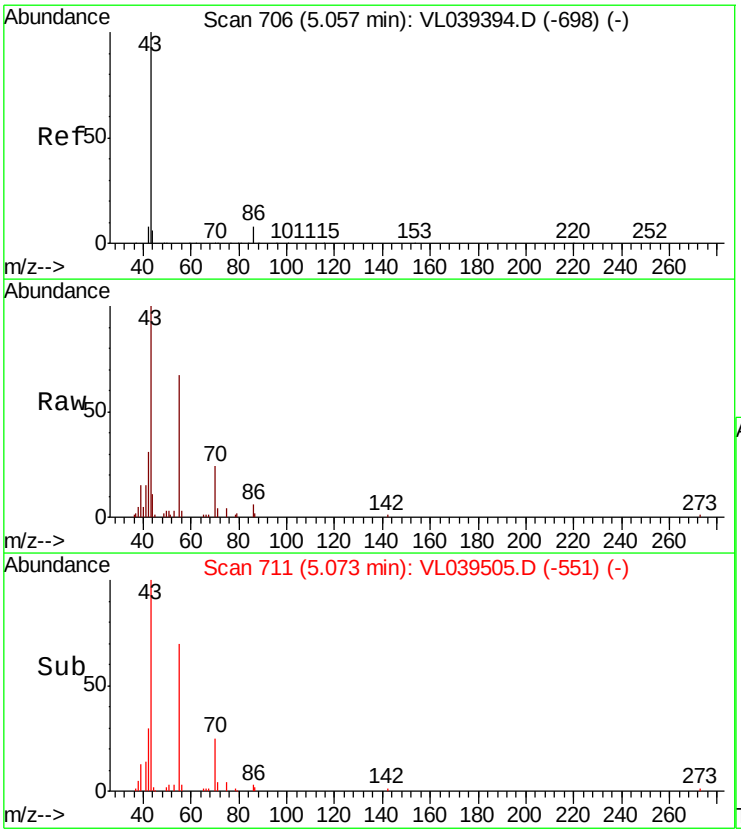
#20
Methylene Chloride
Concen: 9.623 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 84 Resp: 416793

Ion	Ratio	Lower	Upper
84	100		
49	159.1	123.1	184.7
51	49.0	34.4	51.6
86	64.0	51.1	76.7

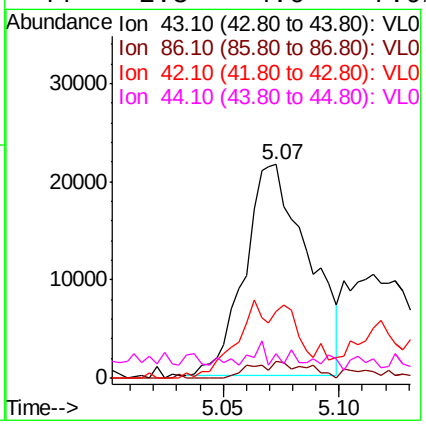


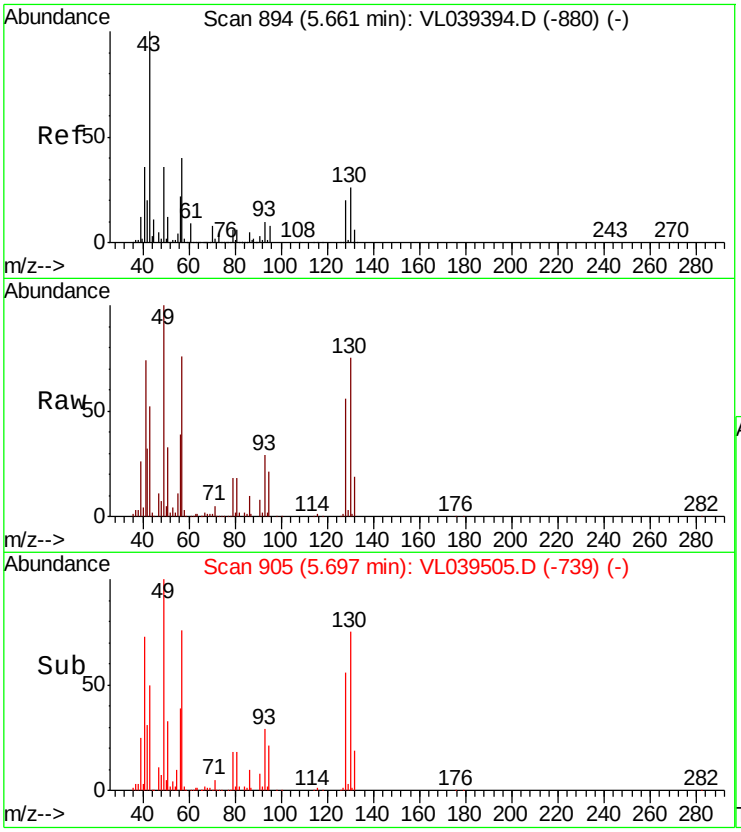


#23
Vinyl Acetate
Concen: 0.568 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.02 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 43 Resp: 41212

Ion	Ratio	Lower	Upper
43	100		
86	8.1	5.0	7.6#
42	29.6	7.7	11.5#
44	2.3	4.6	7.0#



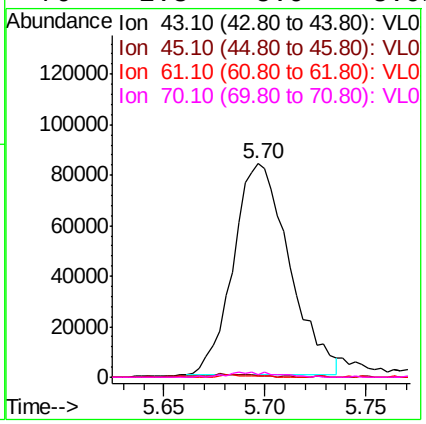


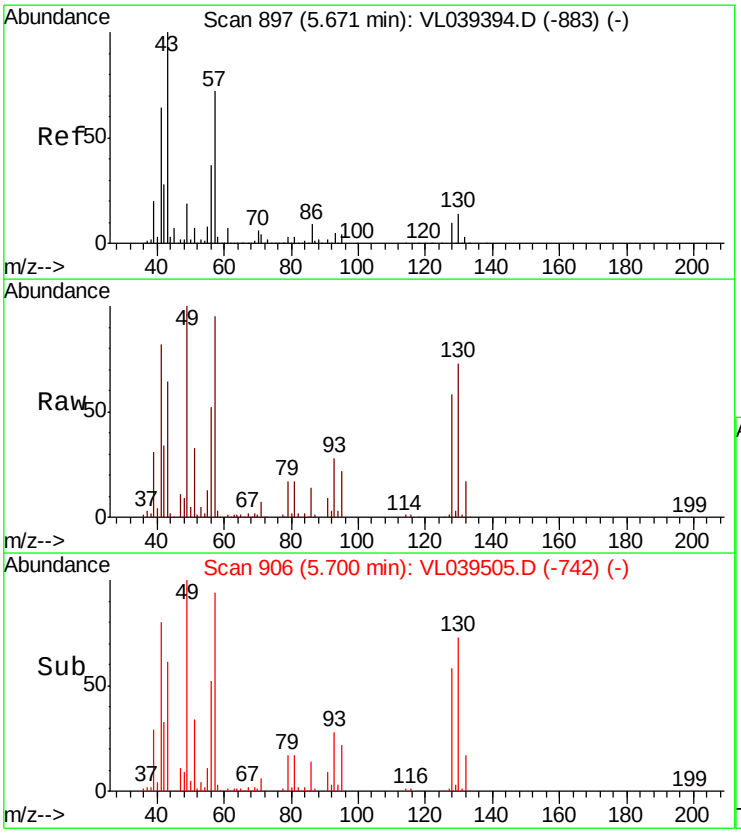
#25
Ethyl Acetate
Concen: 0.729 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 43 Resp: 162384

Ion	Ratio	Lower	Upper
43	100		
45	1.5	8.2	12.4#
61	0.8	8.3	12.5#
70	2.3	5.9	8.9#

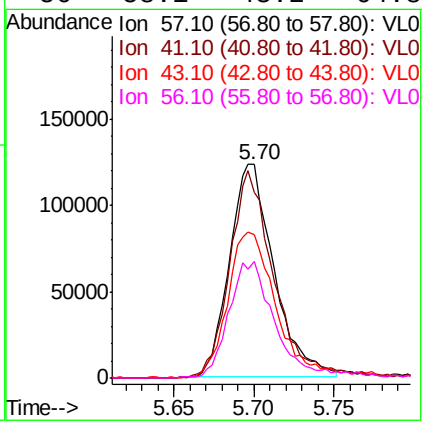


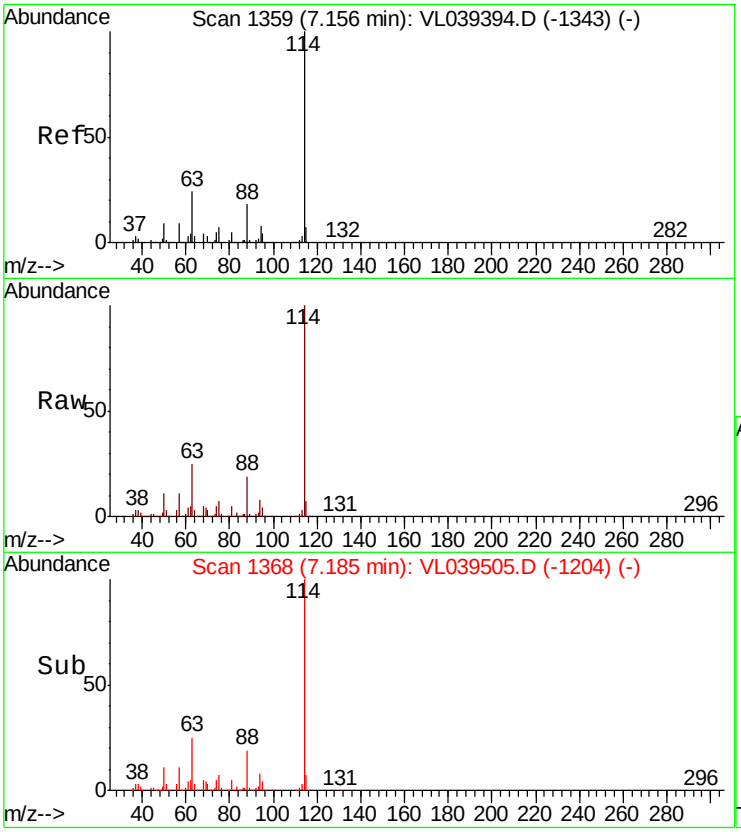


#26
Hexane
Concen: 2.603 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 57 Resp: 233812

Ion	Ratio	Lower	Upper
57	100		
41	98.7	76.9	115.3
43	76.4	191.0	286.6#
56	58.1	43.2	64.8



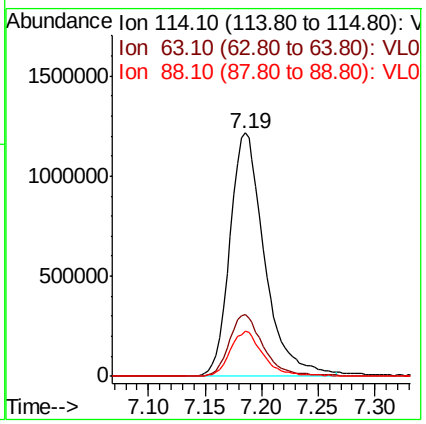


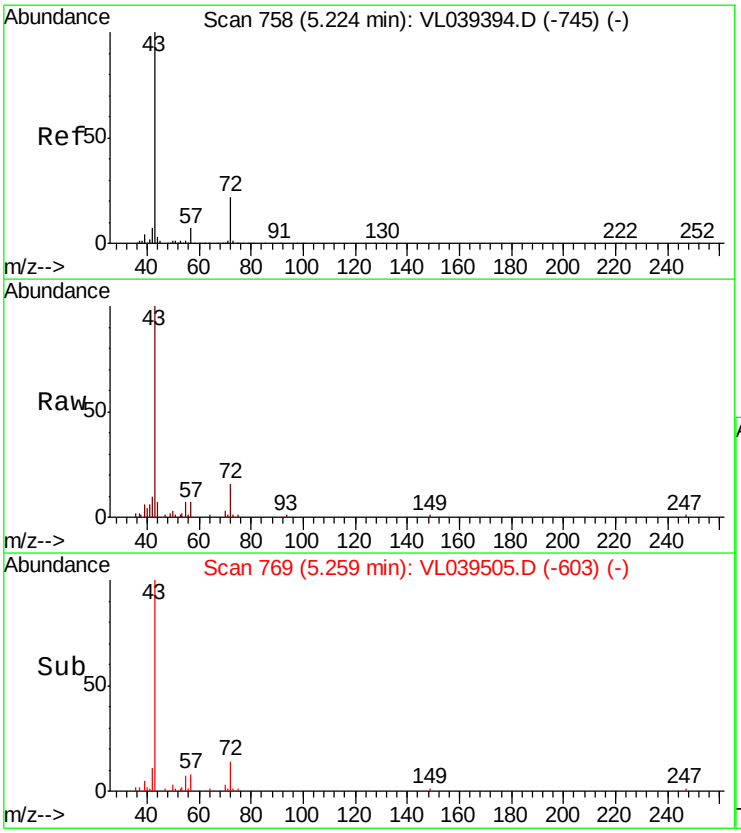
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion:114 Resp: 2596119

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.1	14.5	21.7

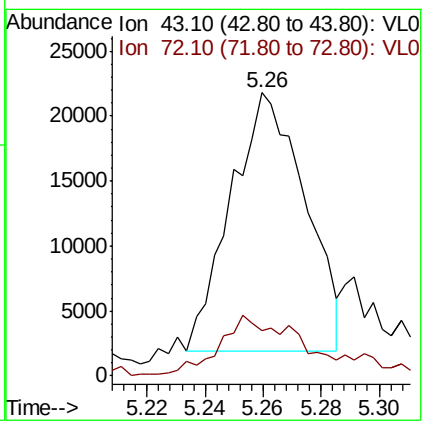


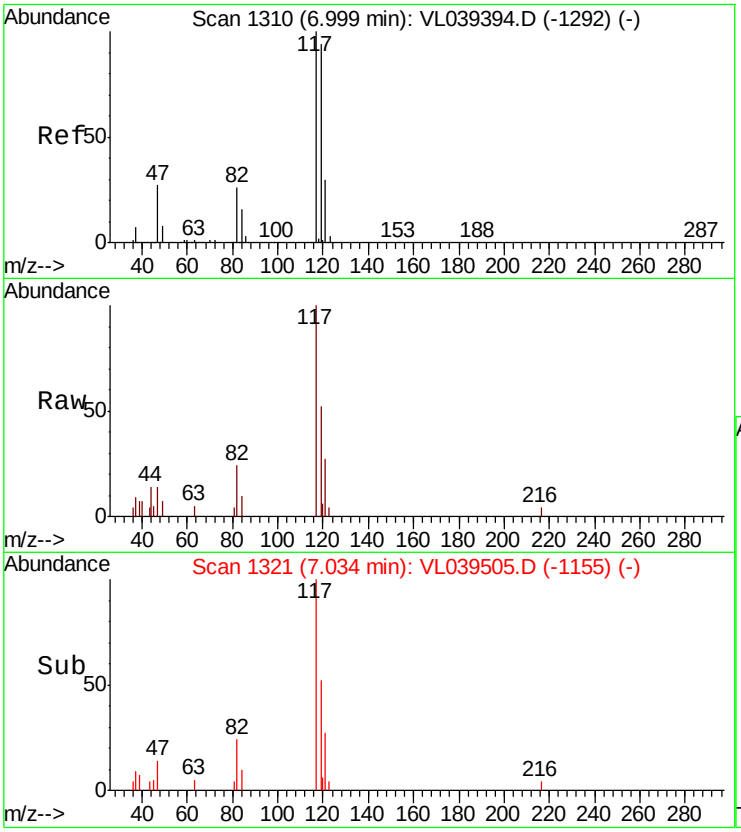


#34
2-Butanone
Concen: 0.269 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.04 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 43 Resp: 35214

Ion	Ratio	Lower	Upper
43	100		
72	30.7	17.9	26.9#



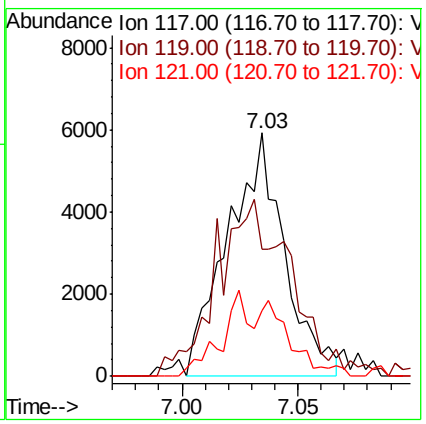


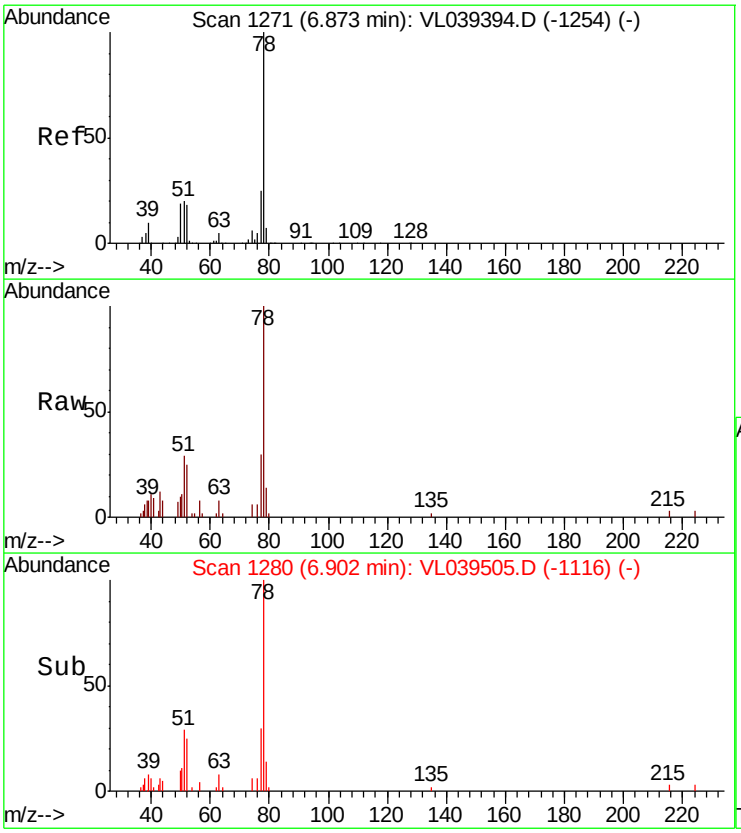
#35
Carbon Tetrachloride
Concen: 0.063 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion:117 Resp: 10107

Ion	Ratio	Lower	Upper
117	100		
119	42.5	75.4	113.2#
121	23.9	24.2	36.2#

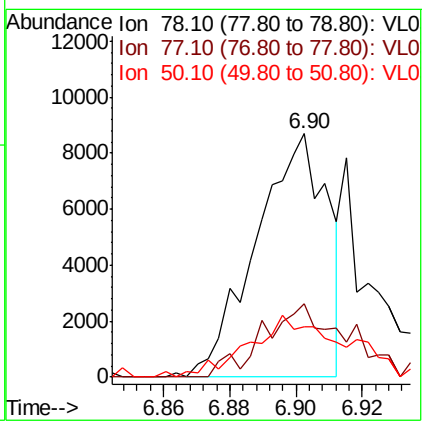


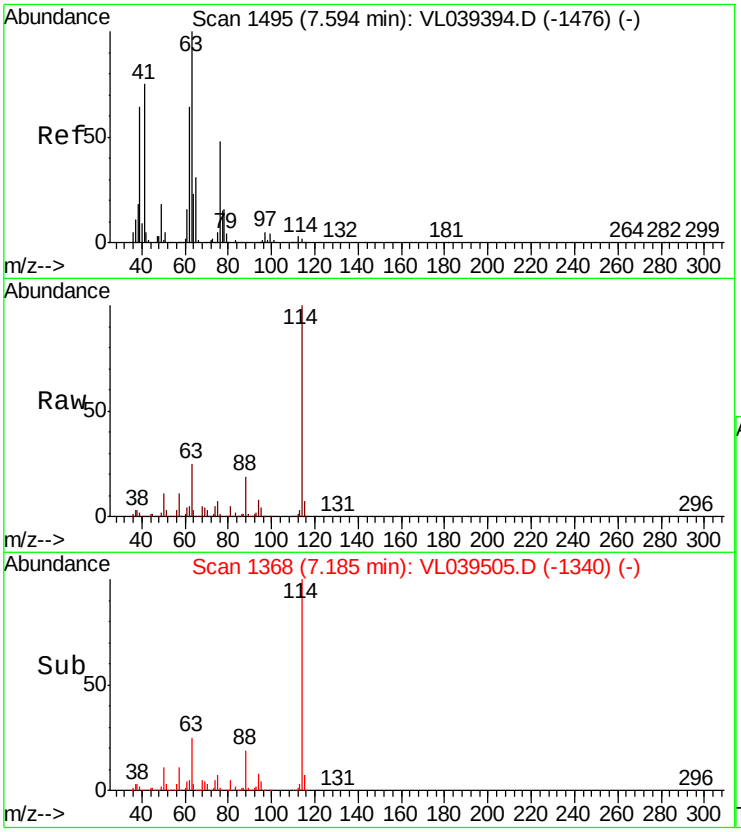


#36
Benzene
Concen: 0.065 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.03 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 78 Resp: 13026

Ion	Ratio	Lower	Upper
78	100		
77	29.9	20.3	30.5
50	17.9	15.5	23.3



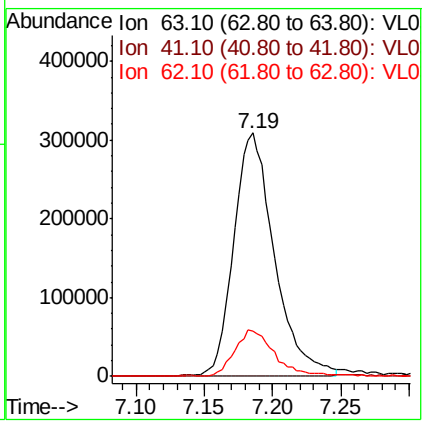


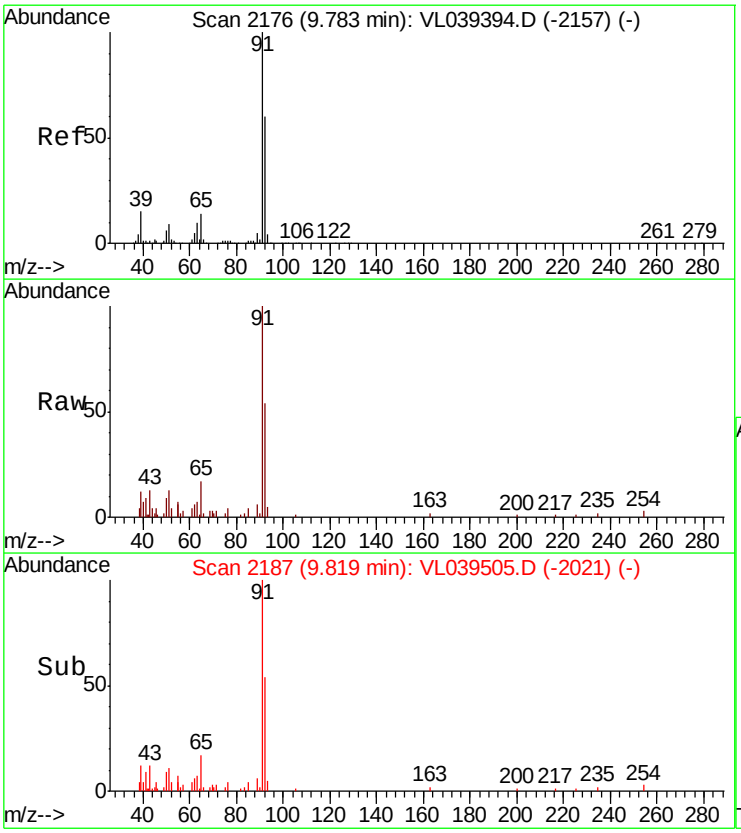
#39
1,2-Dichloropropane
Concen: 8.533 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 63 Resp: 640538

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	18.2	51.4	77.0#

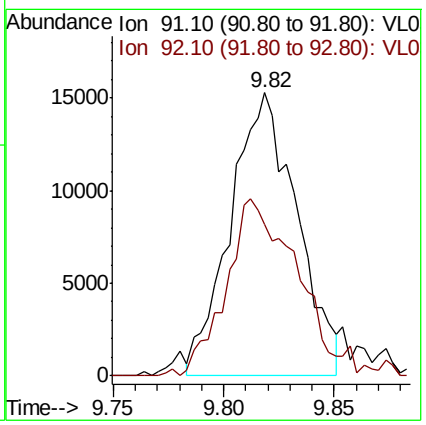


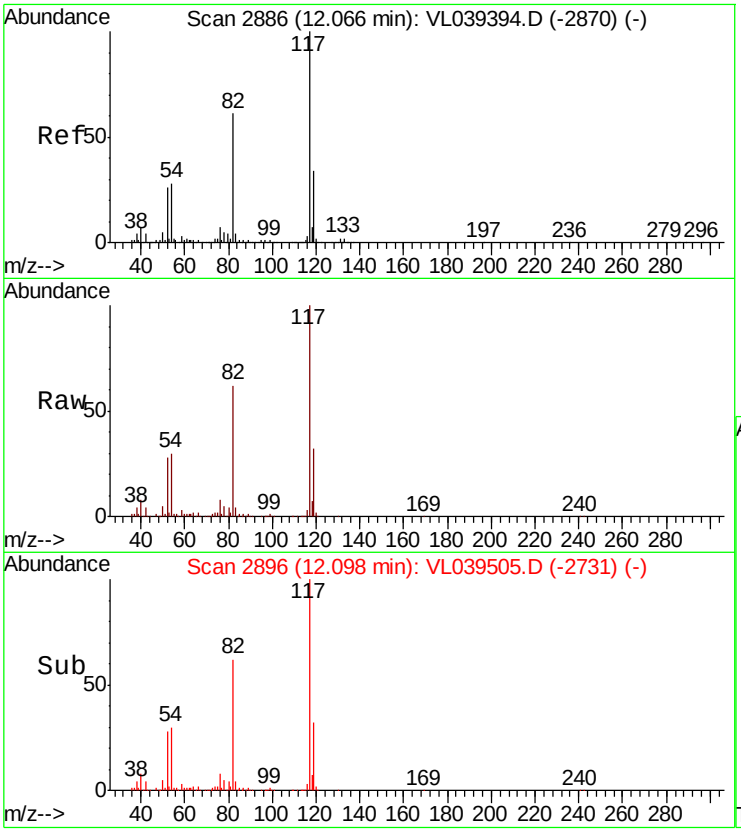


#53
Toluene
Concen: 0.138 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.04 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 91 Resp: 31952

Ion	Ratio	Lower	Upper
91	100		
92	68.4	48.2	72.2



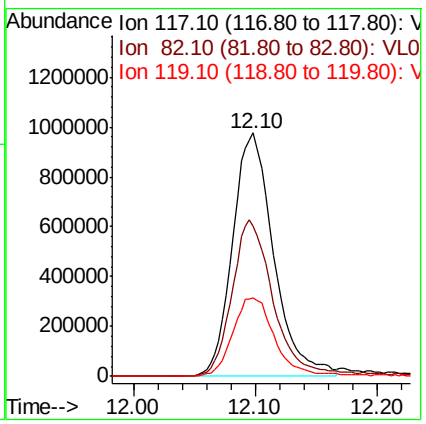


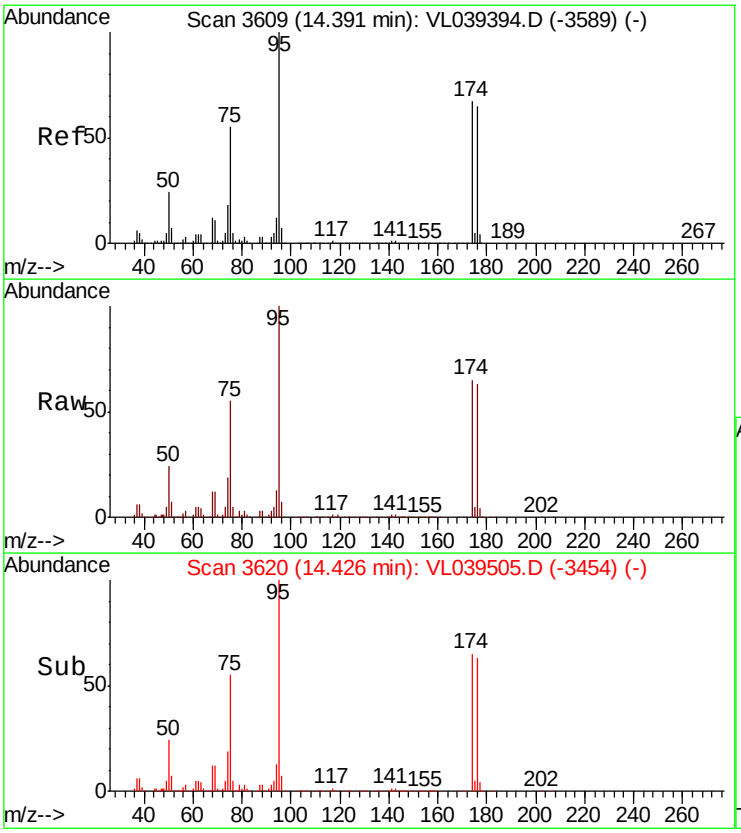
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion:117 Resp: 2277760

Ion	Ratio	Lower	Upper
117	100		
82	67.2	50.8	76.2
119	33.6	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.312 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.04 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 95 Resp: 1742406

Ion	Ratio	Lower	Upper
95	100		
174	72.8	55.9	83.9
175	5.4	4.2	6.4