Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038291.D
Acq On : 26 Jan 2022 16:47
Operator : SY/AP
Sample : N1268-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA-1DUP

Quant Time: Jan 27 02:54:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	757374	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.14	114	1978678	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	1548405	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1209071	10.29	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	34263	0.213	ppbv		94
3) Chlorodifluoromethane	2.98	51	41148	0.273	ppbv	#	87
4) Chloromethane	3.13	50	24482	0.472	ppbv	#	87
9) Propene	3.01	41	33234	0.677	ppbv	#	81
11) Trichlorofluoromethane	3.93	101	23688	0.189	ppbv		96
13) Ethanol	3.59	45	166865	31.669	ppbv		93
15) Acetone	3.84	43	191352	2.866	ppbv		99
19) Isopropyl Alcohol	3.96	45	30452	0.729	ppbv	#	89
20) Methylene Chloride	4.32	84	9890	0.255	ppbv		96
23) Vinyl Acetate	5.04	43	4068	0.042	ppbv	#	67
25) Ethyl Acetate	5.67	43	16591	0.089	ppbv	#	92
26) Hexane	5.67	57	6210	0.071	ppbv	#	16
34) 2-Butanone	5.23	43	8966	0.139	ppbv	#	80
35) Carbon Tetrachloride	6.99	117	4899	0.035	ppbv	#	78
36) Benzene	6.86	78	31518	0.180	ppbv		99
39) 1,2-Dichloropropane	7.14	63	520788	7.339	ppbv	#	25
53) Toluene	9.76	91	9697	0.050	ppbv	#	21

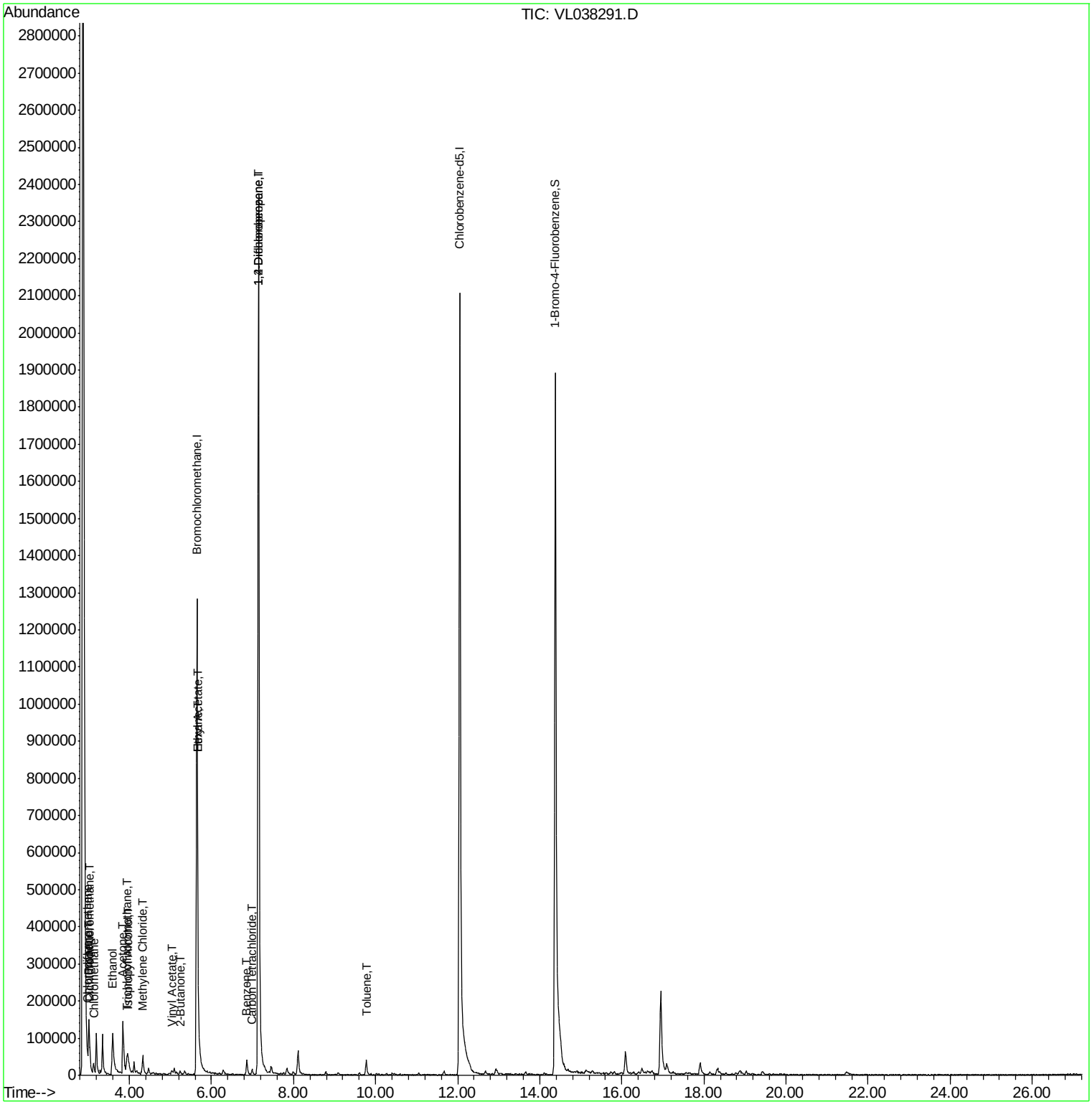
(#) = qualifier out of range (m) = manual integration (+) = signals summed

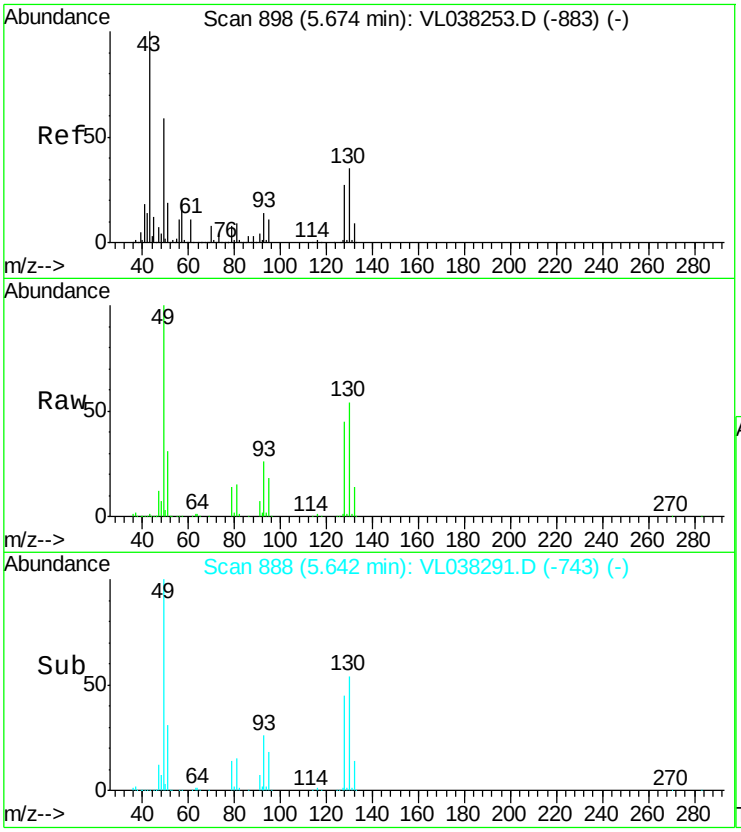
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038291.D
Acq On : 26 Jan 2022 16:47
Operator : SY/AP
Sample : N1268-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Quant Time: Jan 27 02:54:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



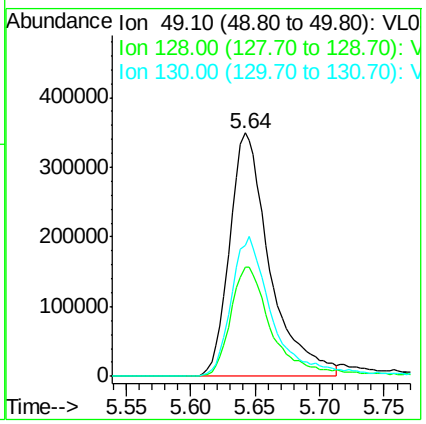


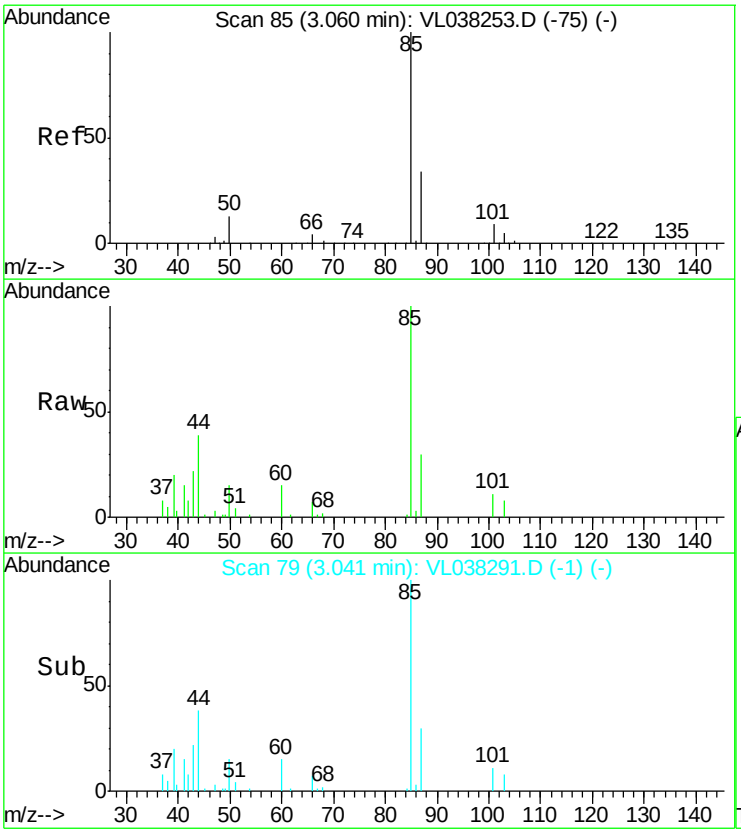
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 49 Resp: 757374

Ion	Ratio	Lower	Upper
49	100		
128	46.9	24.5	73.5
130	59.9	30.1	90.5

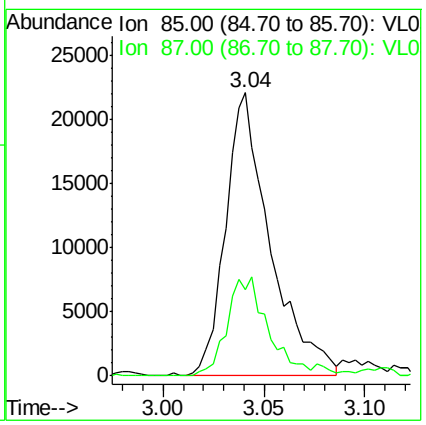


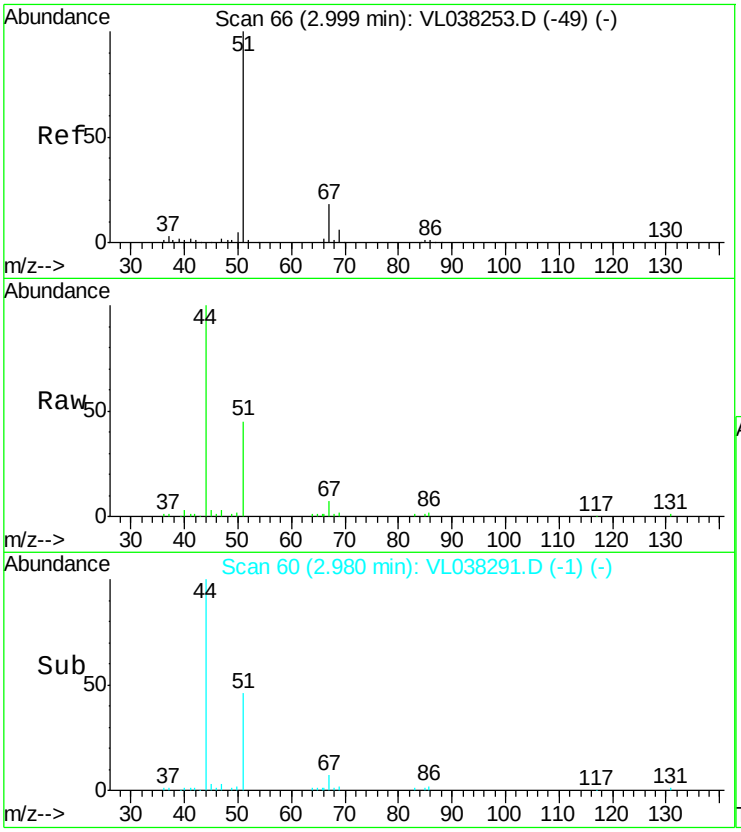


#2
Dichlorodifluoromethane
Concen: 0.213 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.02 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 85 Resp: 34263

Ion	Ratio	Lower	Upper
85	100		
87	30.5	27.0	40.6



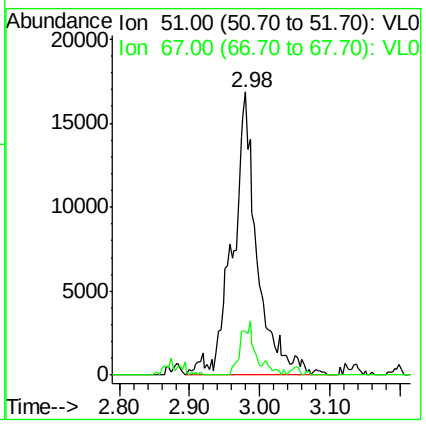


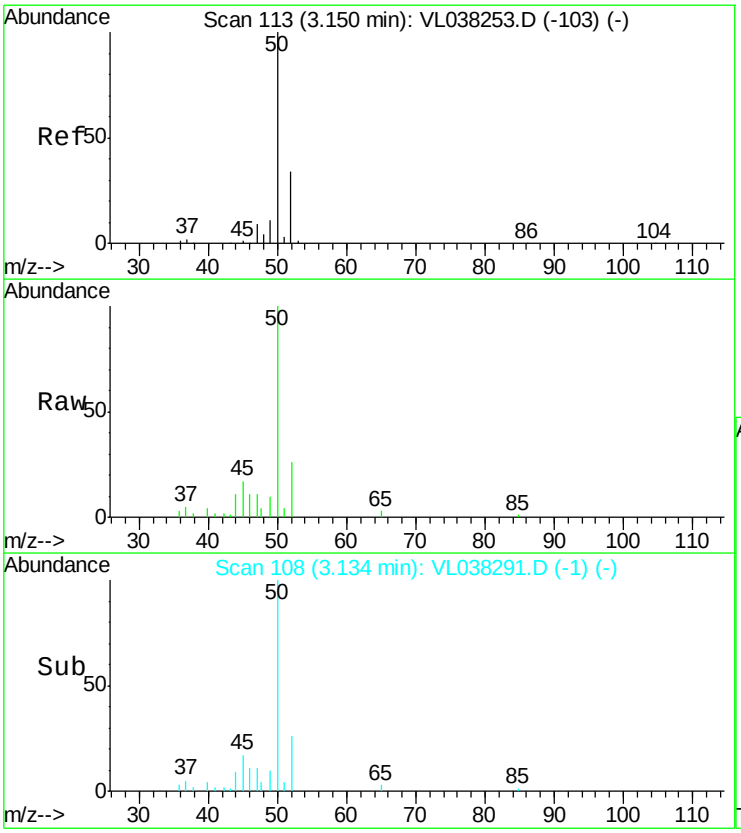
#3
Chlorodifluoromethane
Concen: 0.273 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 51 Resp: 41148

Ion	Ratio	Lower	Upper
51	100		
67	12.1	14.4	21.6#

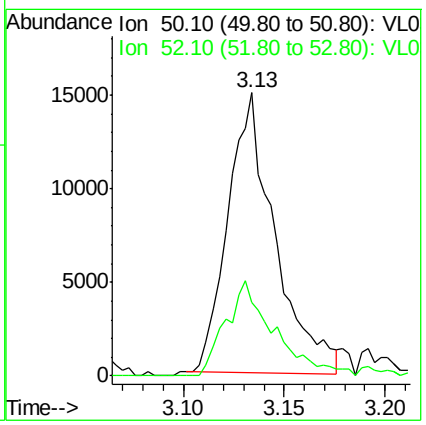


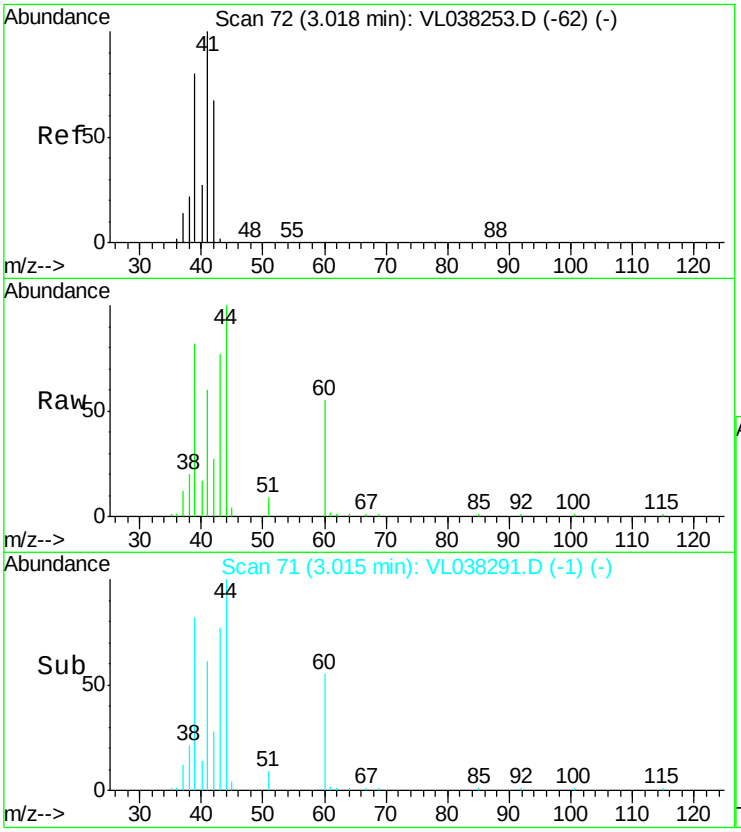


#4
Chloromethane
Concen: 0.472 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.02 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 50 Resp: 24482

Ion	Ratio	Lower	Upper
50	100		
52	26.3	27.1	40.7#



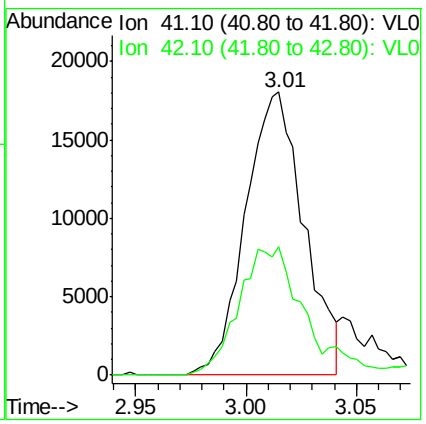


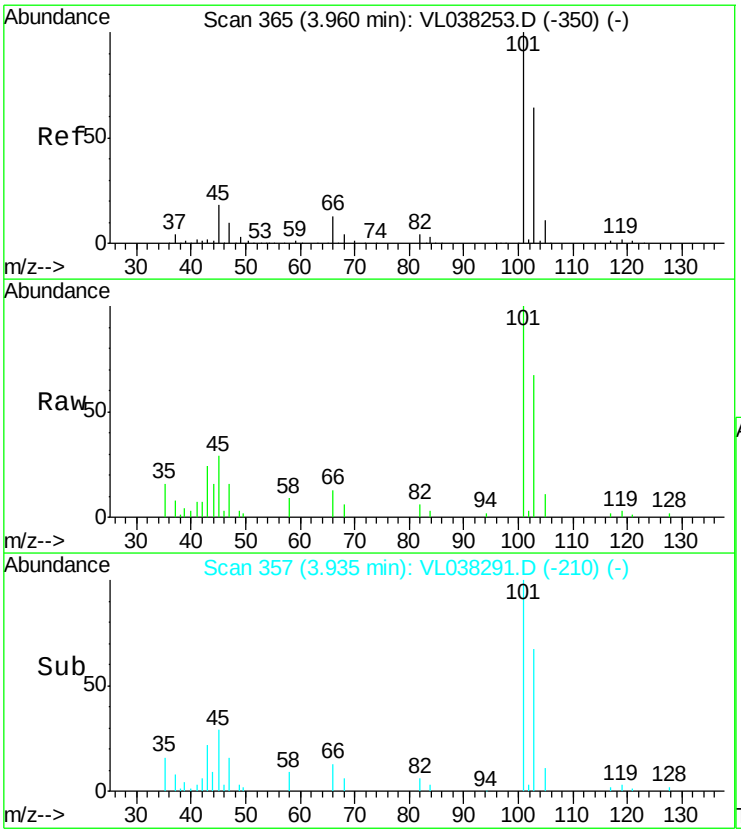
#9
Propene
Concen: 0.677 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 41 Resp: 33234

Ion	Ratio	Lower	Upper
41	100		
42	53.1	54.9	82.3#

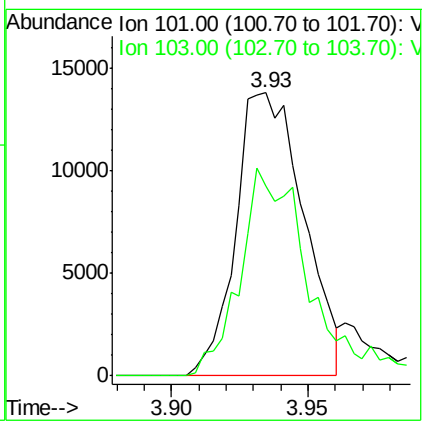


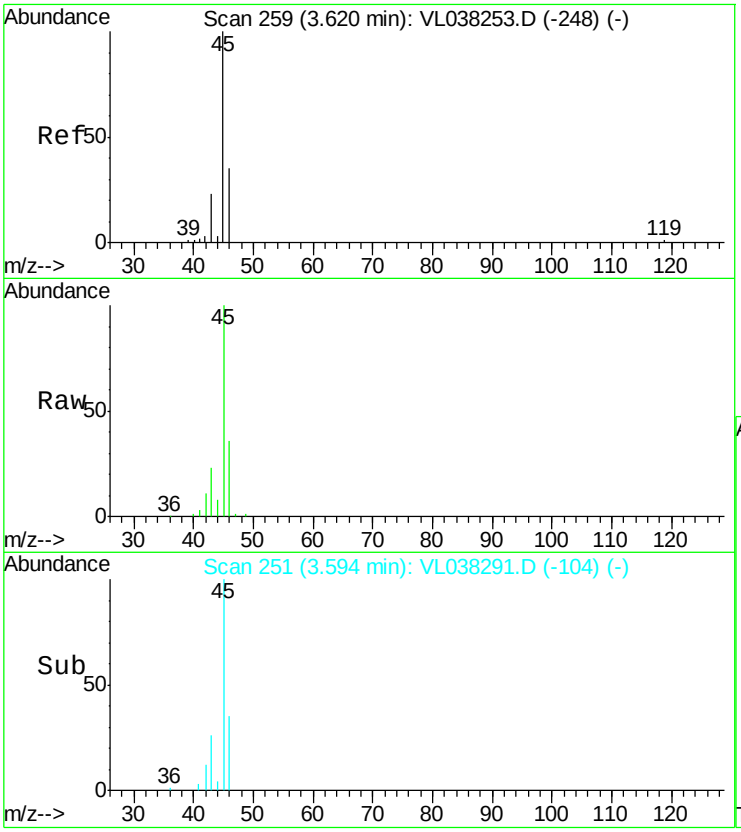


#11
Trichlorofluoromethane
Concen: 0.189 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.03 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion:101 Resp: 23688

Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.2	76.8



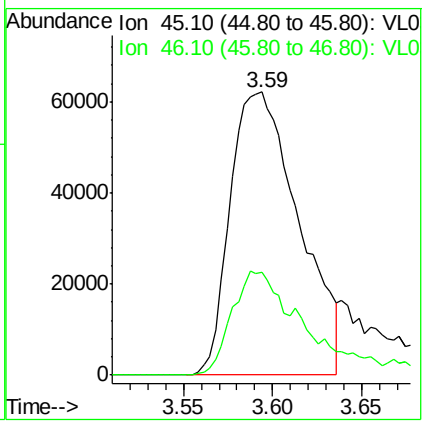


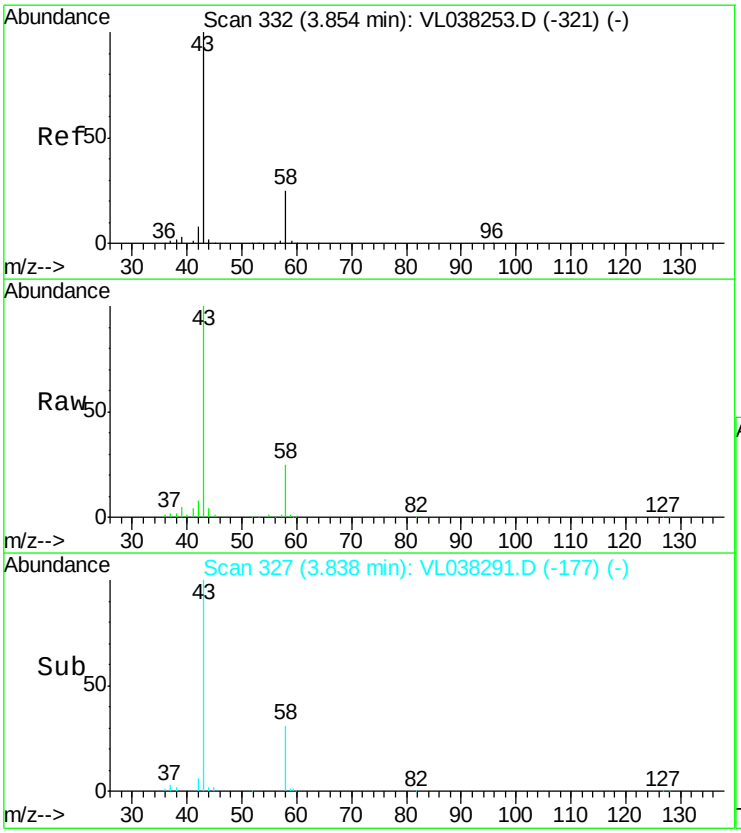
#13
Ethanol
Concen: 31.669 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 45 Resp: 166865

Ion	Ratio	Lower	Upper
45	100		
46	42.9	15.4	61.6

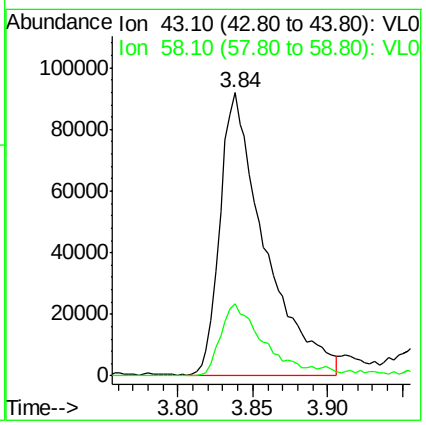


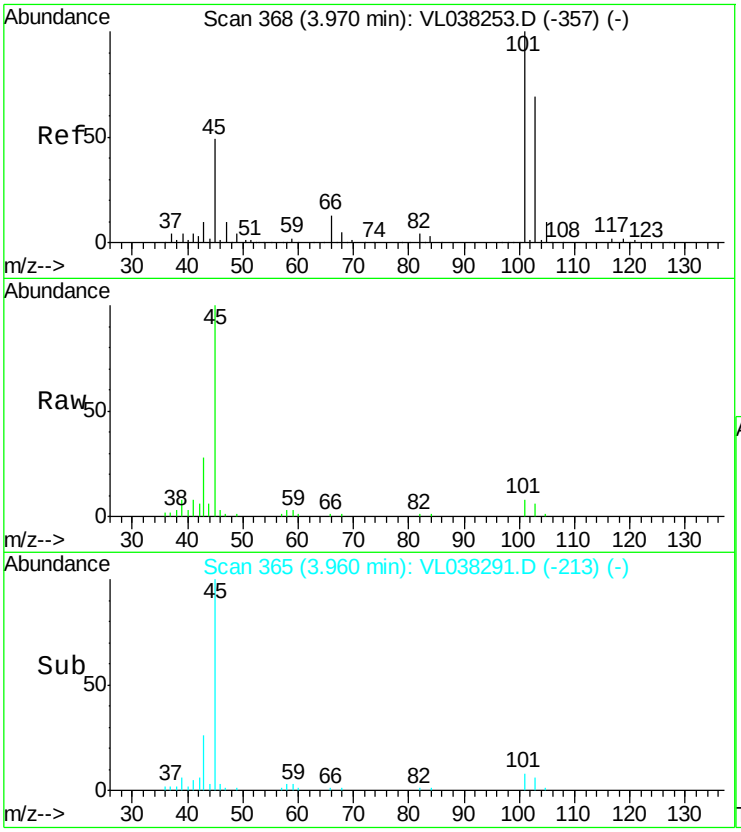


#15
Acetone
Concen: 2.866 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 43 Resp: 191352

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.5	32.3



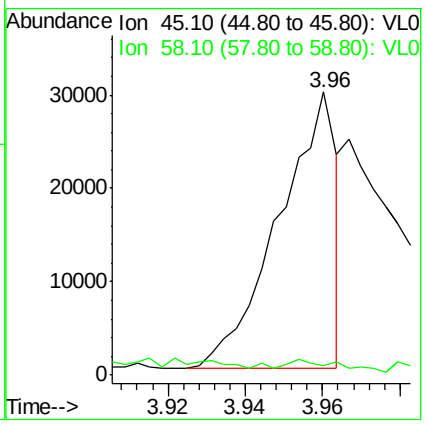


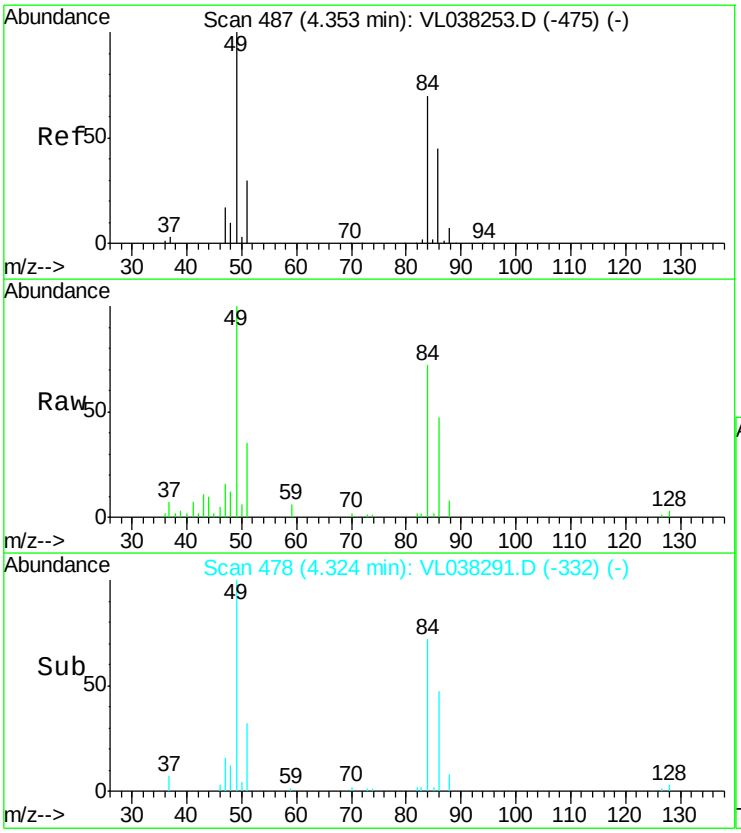
#19
Isopropyl Alcohol
Concen: 0.729 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 45 Resp: 30452

Ion	Ratio	Lower	Upper
45	100		
58	6.5	2.3	3.5#

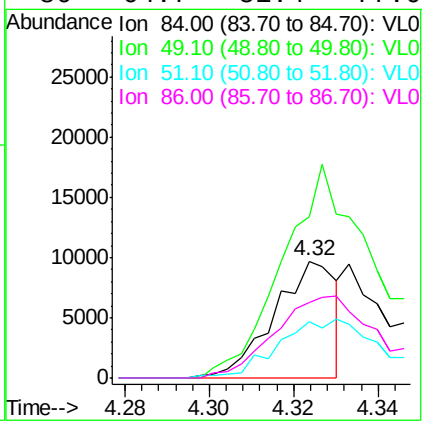


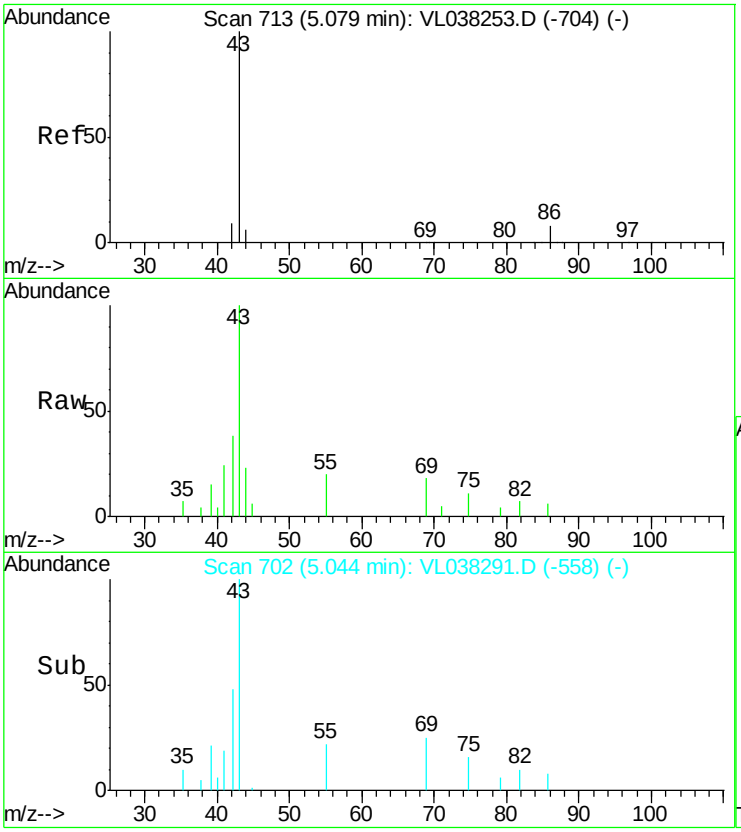


#20
Methylene Chloride
Concen: 0.255 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 84 Resp: 9890

Ion	Ratio	Lower	Upper
84	100		
49	138.2	115.0	172.6
51	48.6	35.0	52.6
86	64.7	51.4	77.0



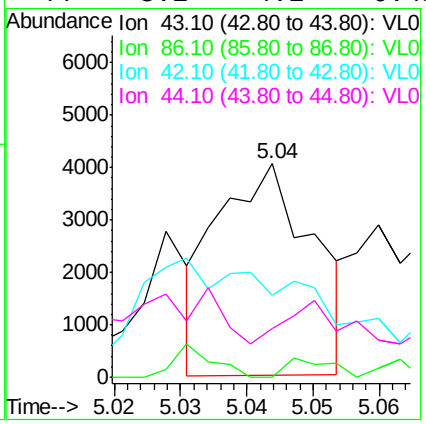


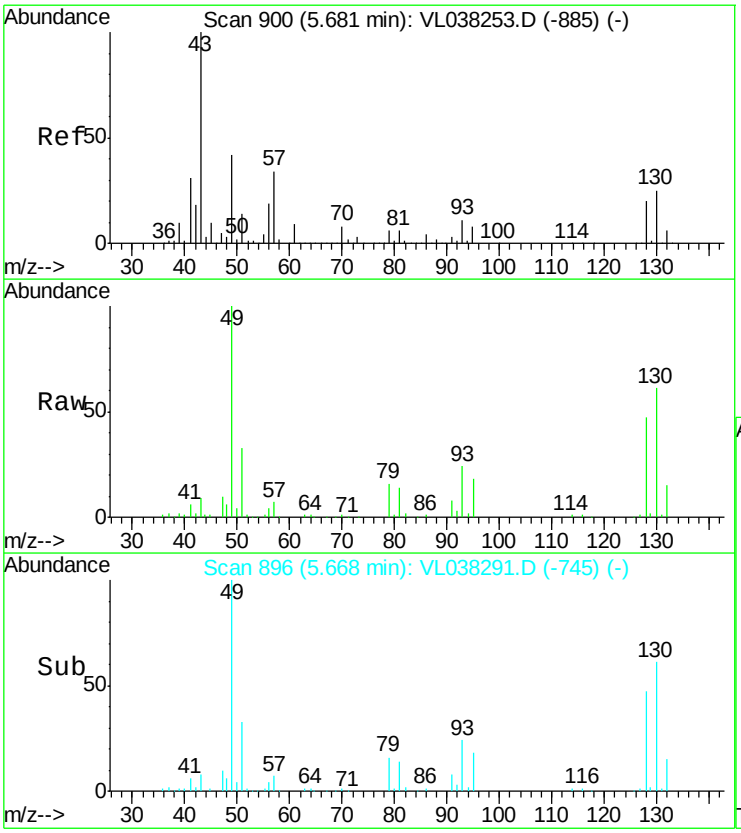
#23
Vinyl Acetate
Concen: 0.042 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 43 Resp: 4068

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#
42	30.2	7.7	11.5#
44	3.2	4.2	6.4#

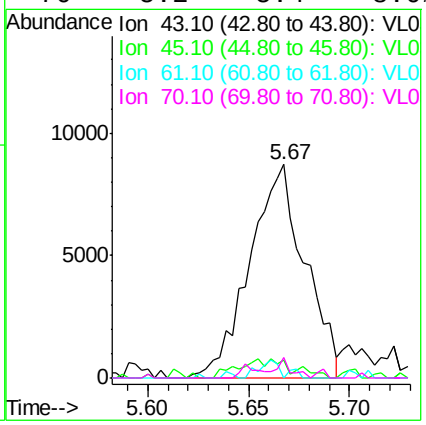


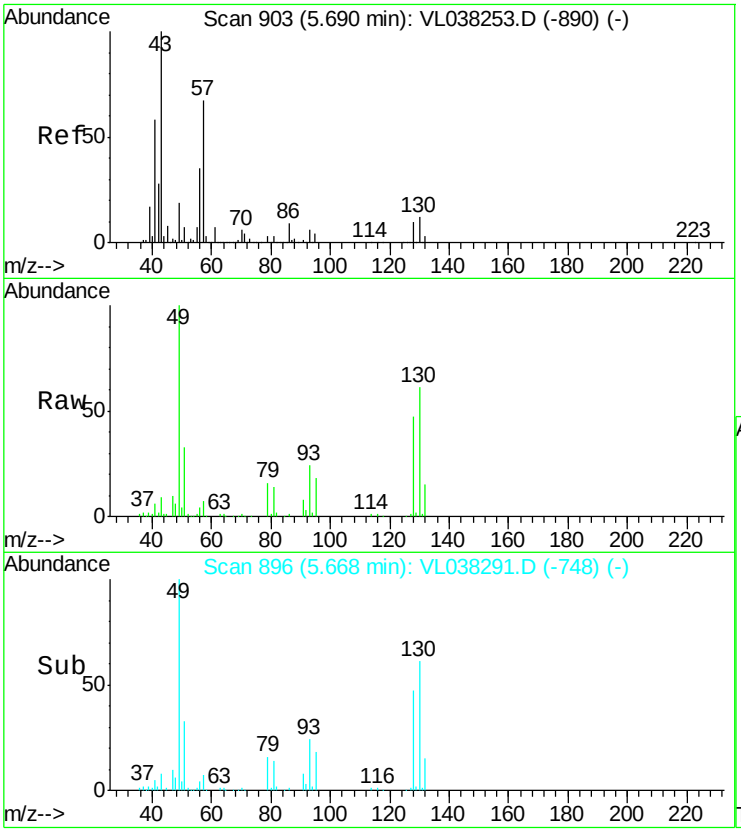


#25
Ethyl Acetate
Concen: 0.089 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 43 Resp: 16591

Ion	Ratio	Lower	Upper
43	100		
45	8.9	7.9	11.9
61	4.4	7.8	11.8#
70	5.2	5.4	8.0#



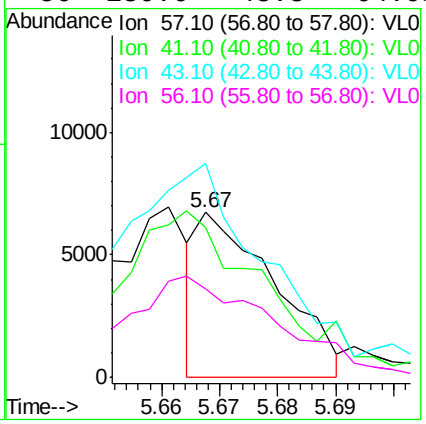


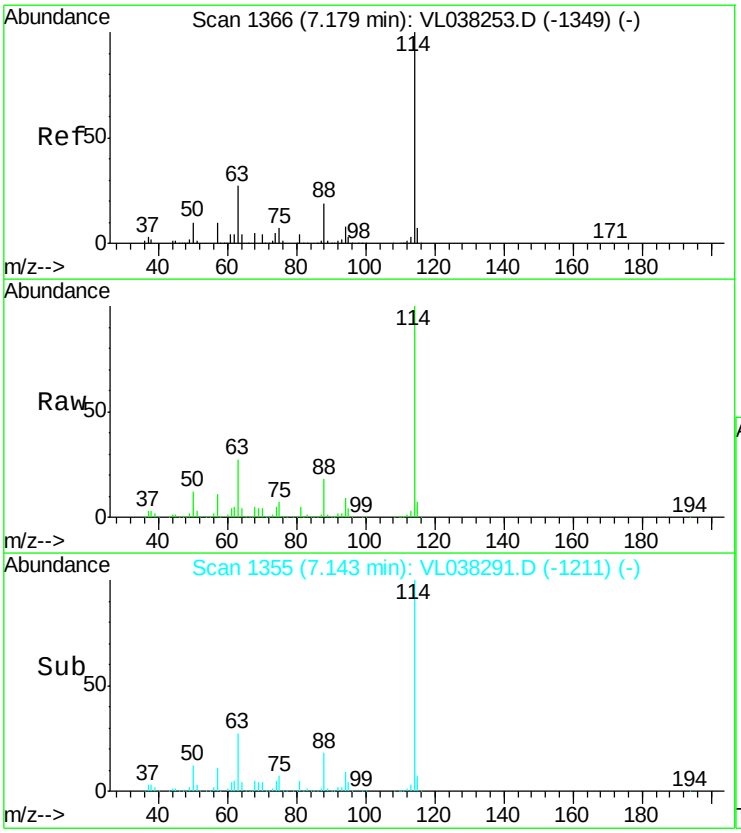
#26
Hexane
Concen: 0.071 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 57 Resp: 6210

Ion	Ratio	Lower	Upper
57	100		
41	213.8	72.8	109.2#
43	316.6	177.0	265.6#
56	130.6	43.3	64.9#

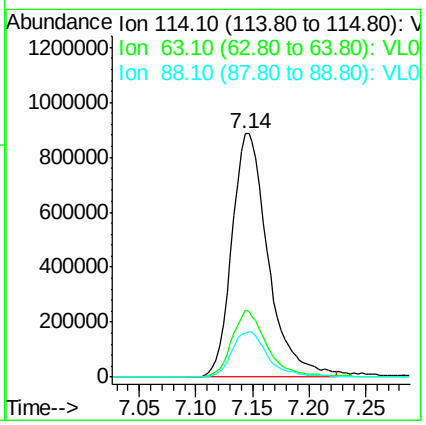


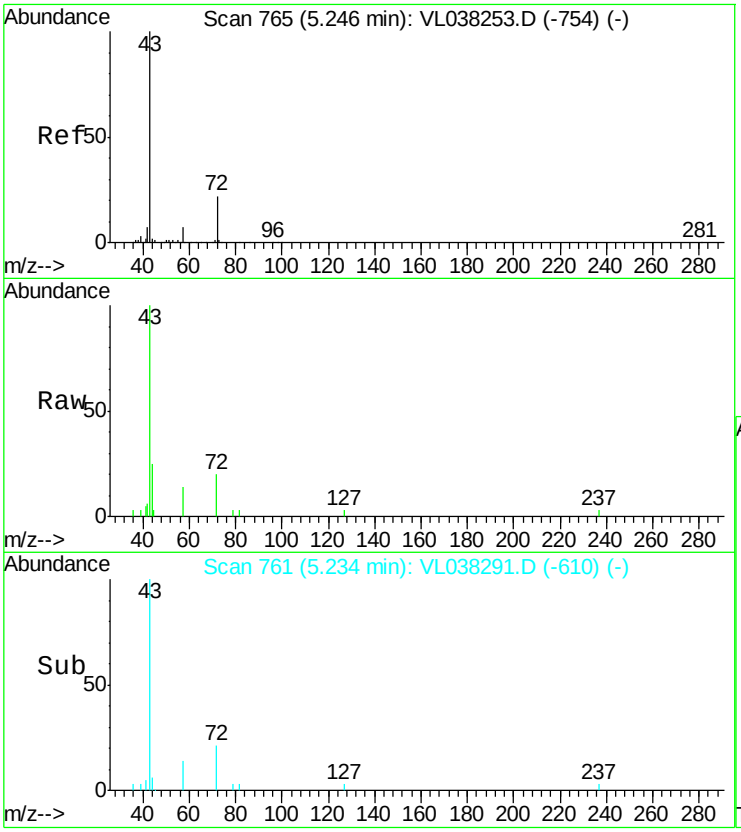


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion:114 Resp: 1978678

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.0	33.0
88	19.0	15.0	22.6



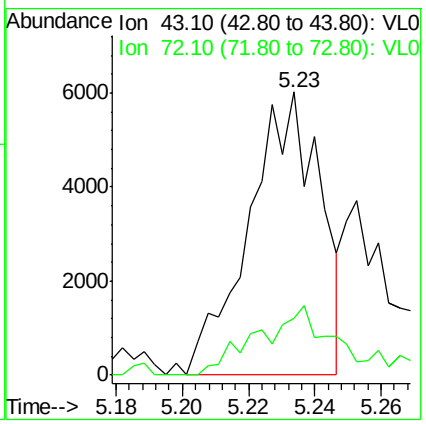


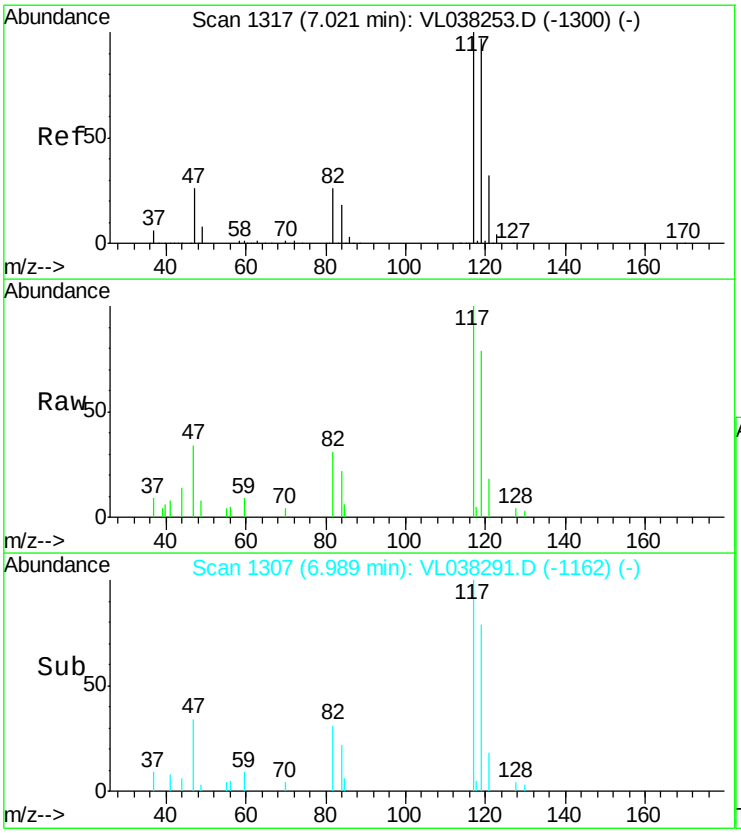
#34
2-Butanone
Concen: 0.139 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 43 Resp: 8966

Ion	Ratio	Lower	Upper
43	100		
72	32.0	18.1	27.1#

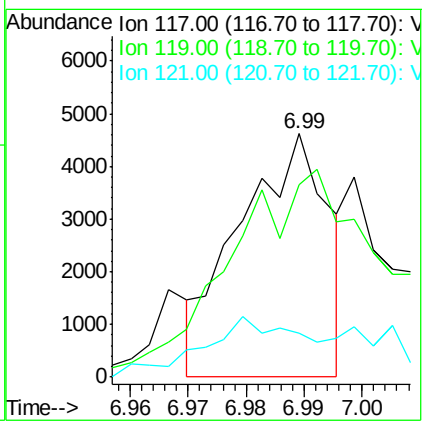


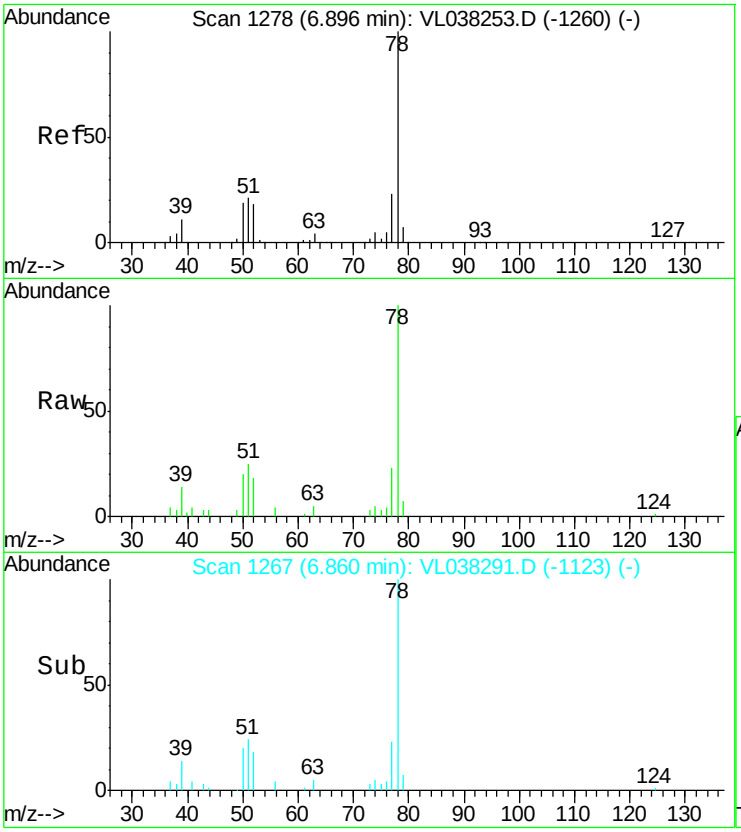


#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.03 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion:117 Resp: 4899

Ion	Ratio	Lower	Upper
117	100		
119	81.3	77.9	116.9
121	9.3	25.4	38.2#



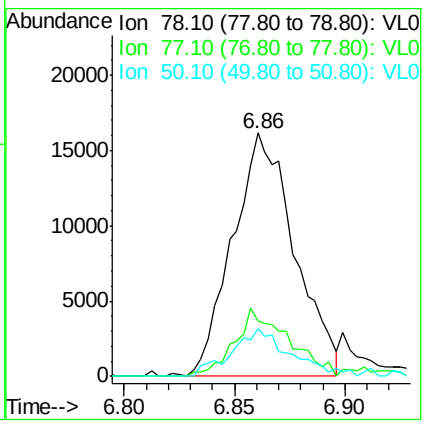


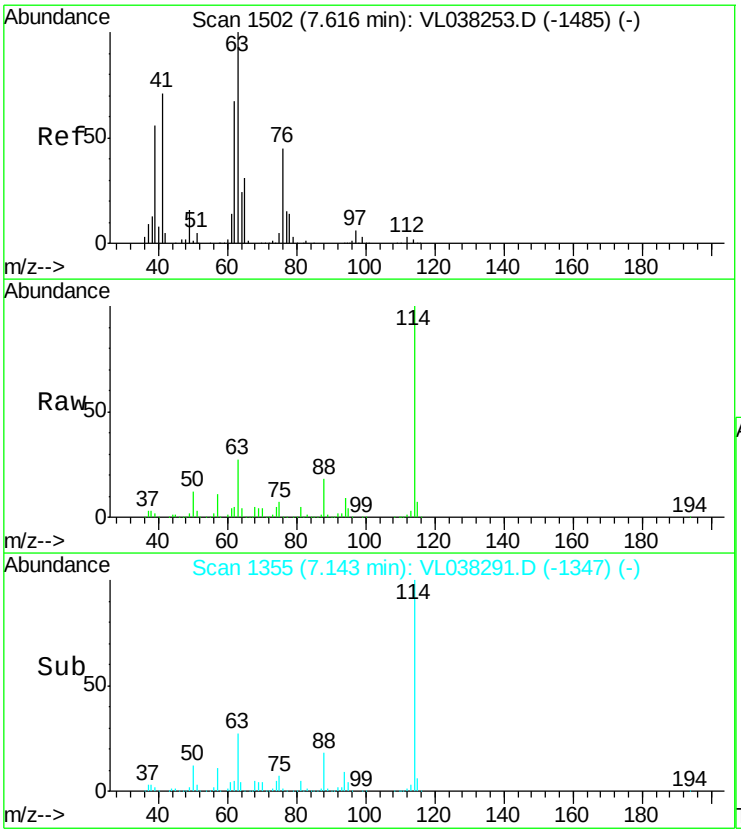
#36
Benzene
Concen: 0.180 ppbv
RT: 6.86
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 78 Resp: 31518

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2
50	19.5	15.1	22.7

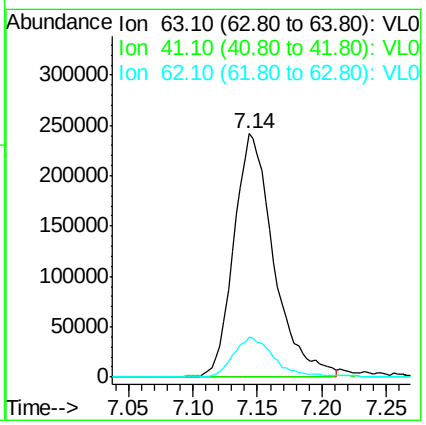


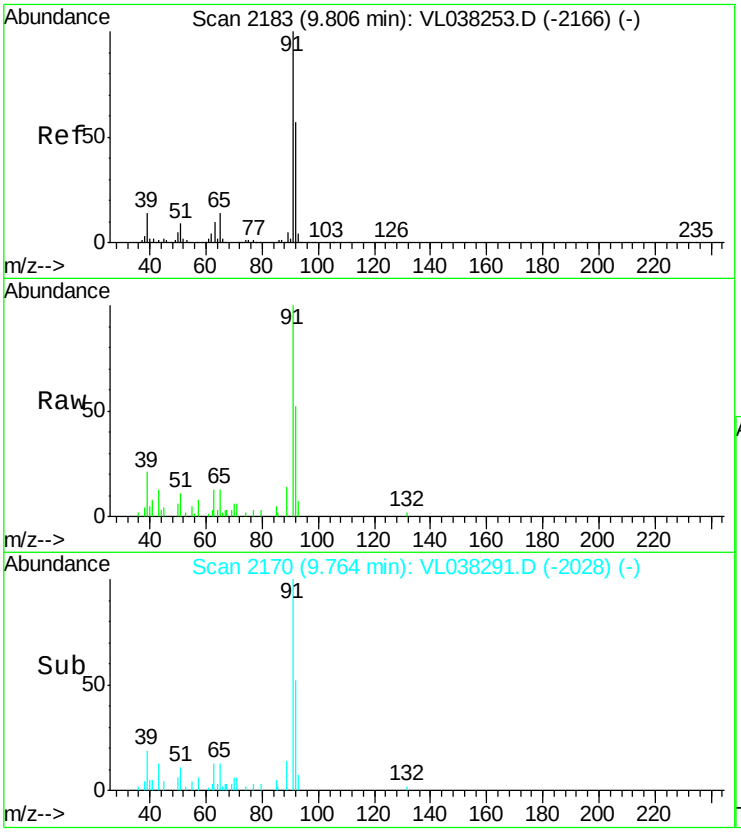


#39
1,2-Dichloropropane
Concen: 7.339 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.47 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion: 63 Resp: 520788

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.6	53.9	80.9#



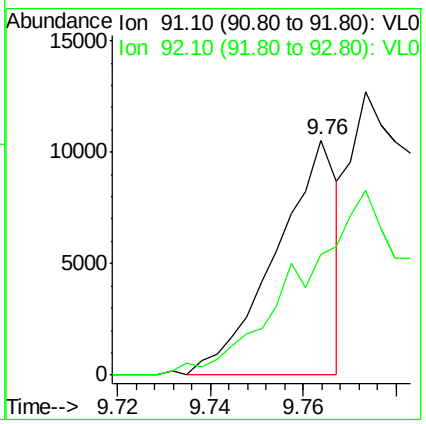


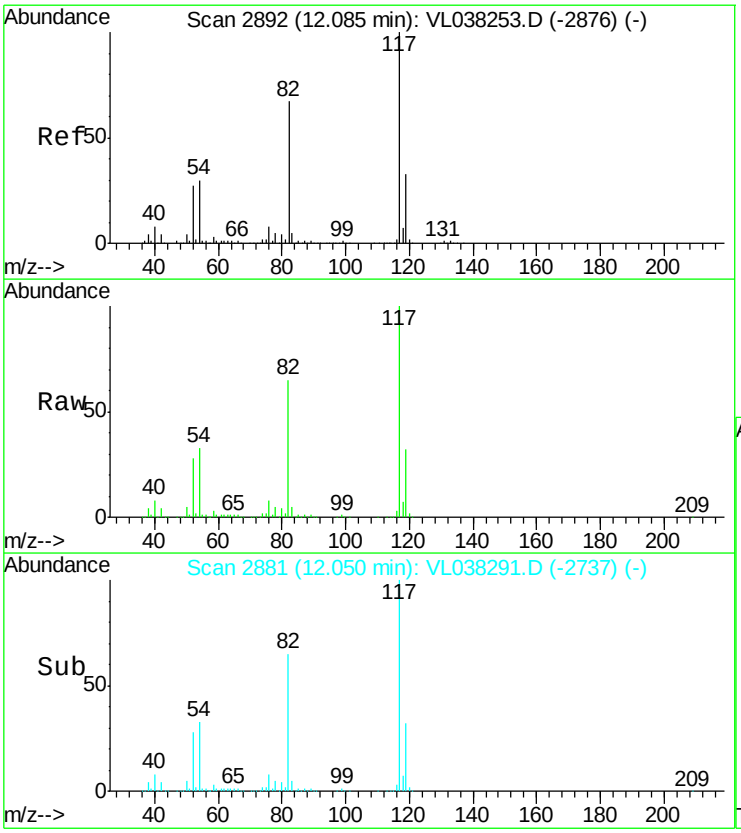
#53
Toluene
Concen: 0.050 ppbv
RT: 9.76
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 91 Resp: 9697

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#

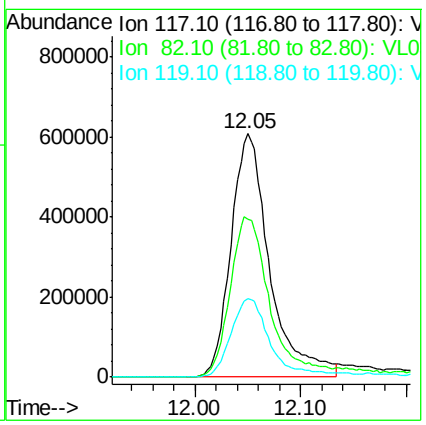


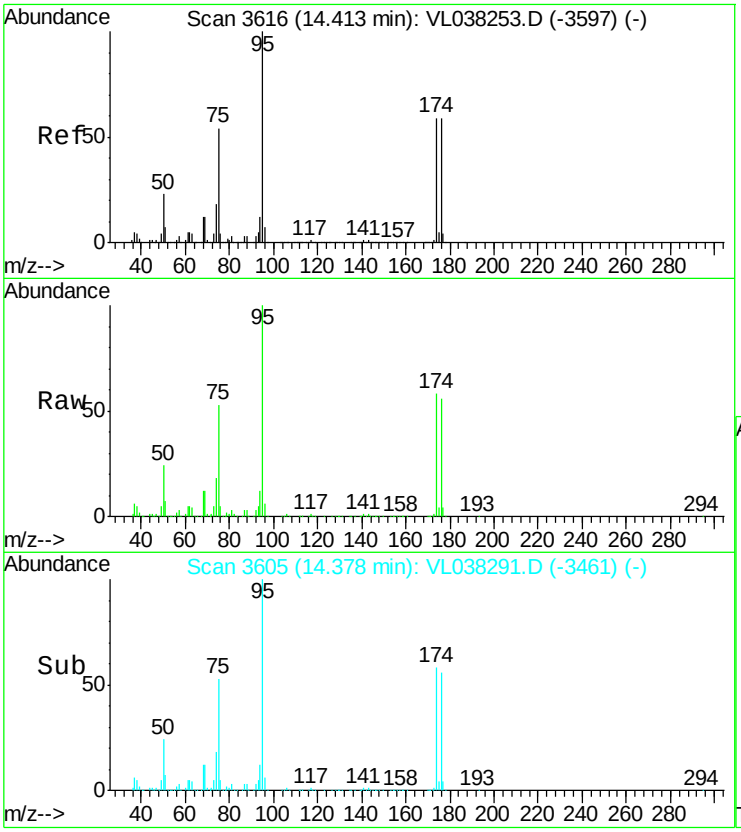


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL038291.D
Acq: 26 Jan 2022 16:47

Tgt Ion:117 Resp: 1548405

Ion	Ratio	Lower	Upper
117	100		
82	71.3	54.4	81.6
119	35.9	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.288 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 26 Jan 2022 16:47

Instrument :
MSVOA_L
ClientSampleId :
OA-1DUP

Tgt Ion: 95 Resp: 1209071

Ion	Ratio	Lower	Upper
95	100		
174	61.1	48.3	72.5
175	4.6	3.5	5.3