Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
Data File : VL038277.D
Acq On : 25 Jan 2022 2:17
Operator : SY/AP
Sample : N1244-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Jan 25 03:05:56 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	5.68	49	826462	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2203748	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	1900217	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	1384329	9.60	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	6330	0.036	ppbv		91
3) Chlorodifluoromethane	3.00	51	5195	0.032	ppbv	#	76
9) Propene	3.22	41	63681	1.189	ppbv		94
10) Heptane	8.13	43	7255	0.053	ppbv	#	28
11) Trichlorofluoromethane	3.97	101	14366	0.105	ppbv		94
13) Ethanol	3.63	45	9764	1.698	ppbv	#	37
15) Acetone	3.88	43	143308	1.967	ppbv		96
16) 1,3-Butadiene	3.32	39	20961	0.401	ppbv	#	24
20) Methylene Chloride	4.36	84	11835	0.279	ppbv	#	77
25) Ethyl Acetate	5.70	43	8368	0.041	ppbv	#	80
26) Hexane	5.70	57	12796	0.135	ppbv	#	1
39) 1,2-Dichloropropane	7.19	63	591126	7.480	ppbv	#	25
44) 2,2,4-Trimethylpentane	7.88	57	10534	0.031	ppbv	#	15
52) Tetrachloroethene	11.23	164	53618	0.798	ppbv		88
53) Toluene	9.82	91	95272	0.442	ppbv		98

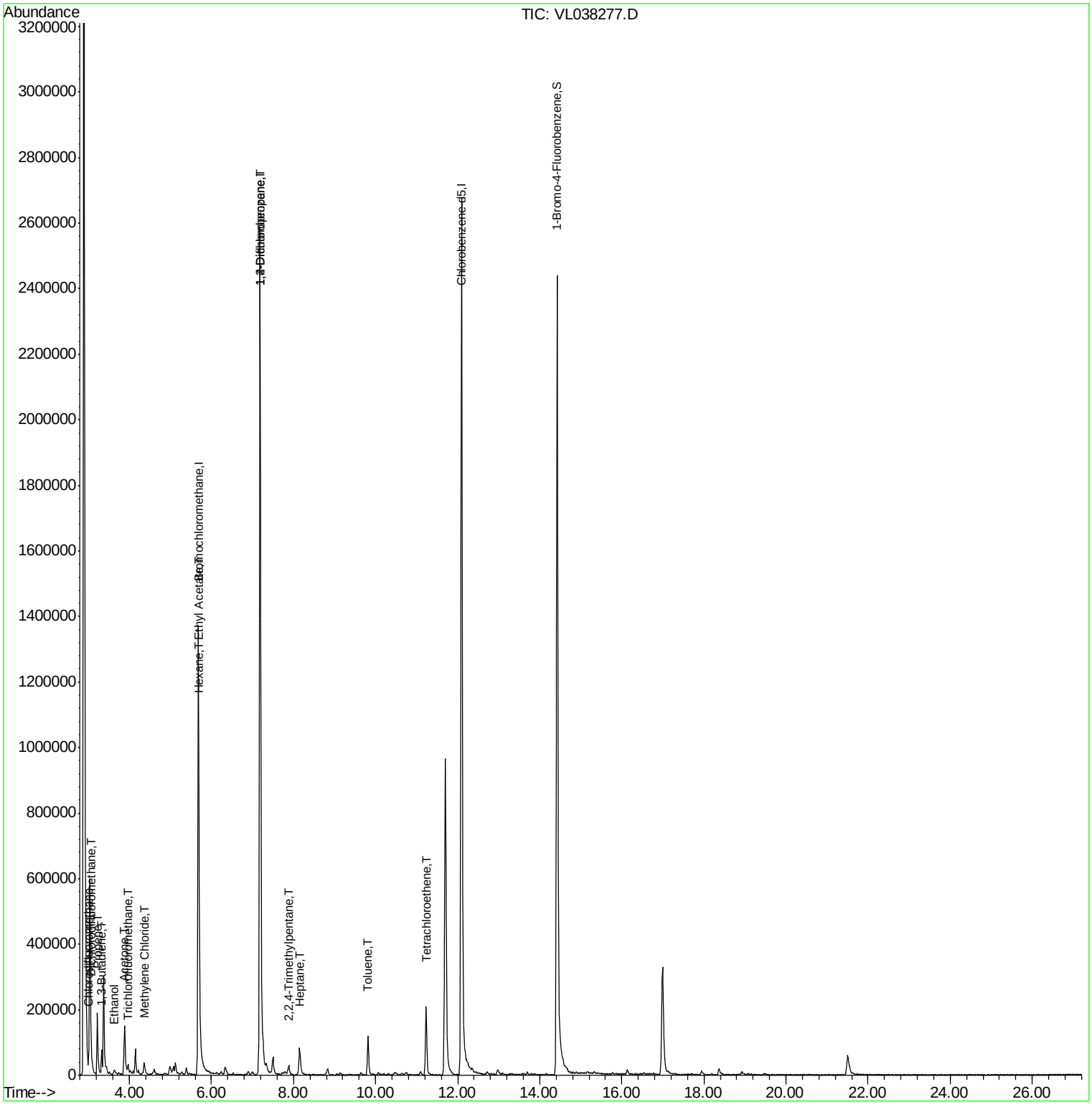
(#) = qualifier out of range (m) = manual integration (+) = signals summed

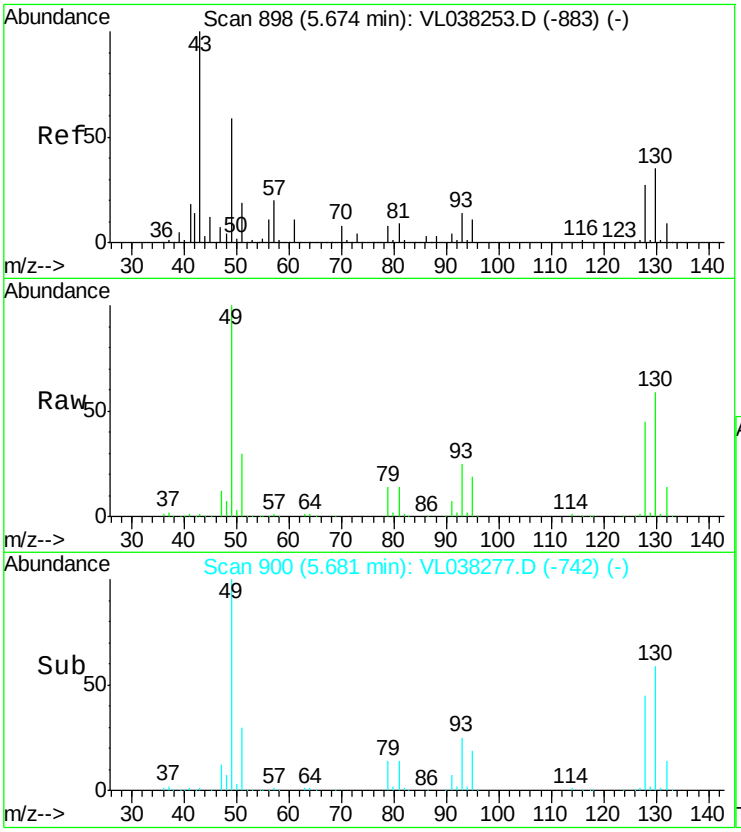
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
Data File : VL038277.D
Acq On : 25 Jan 2022 2:17
Operator : SY/AP
Sample : N1244-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Jan 25 03:05:56 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



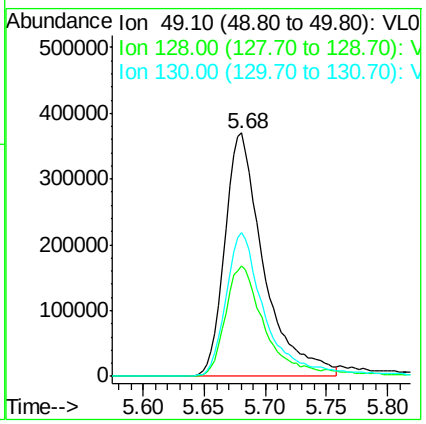


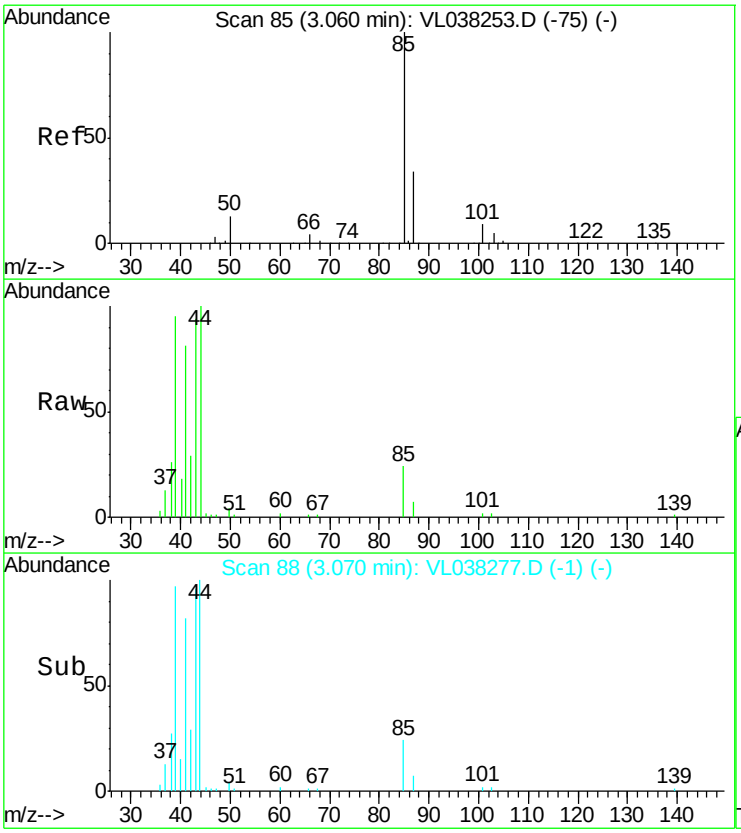
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 49 Resp: 826462

Ion	Ratio	Lower	Upper
49	100		
128	48.6	24.5	73.5
130	61.1	30.1	90.5

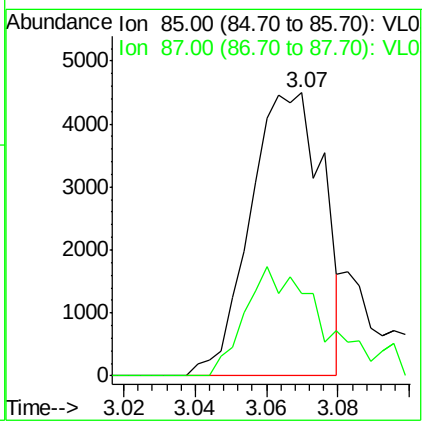


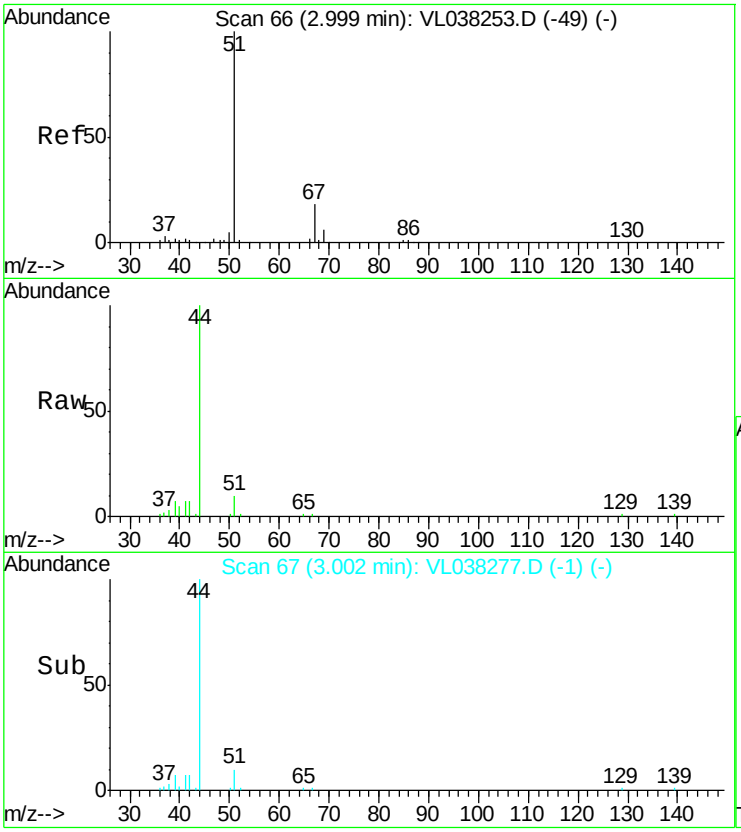


#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.07 min Scan# 88
Delta R.T. 0.01 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 85 Resp: 6330

Ion	Ratio	Lower	Upper
85	100		
87	28.9	27.0	40.6



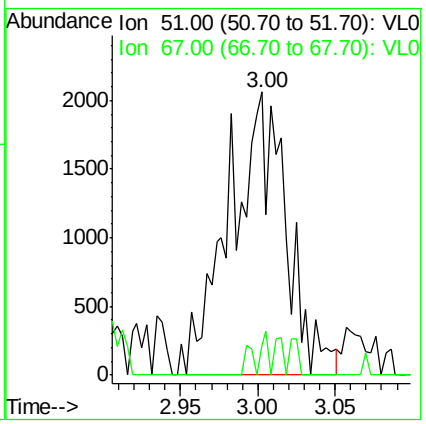


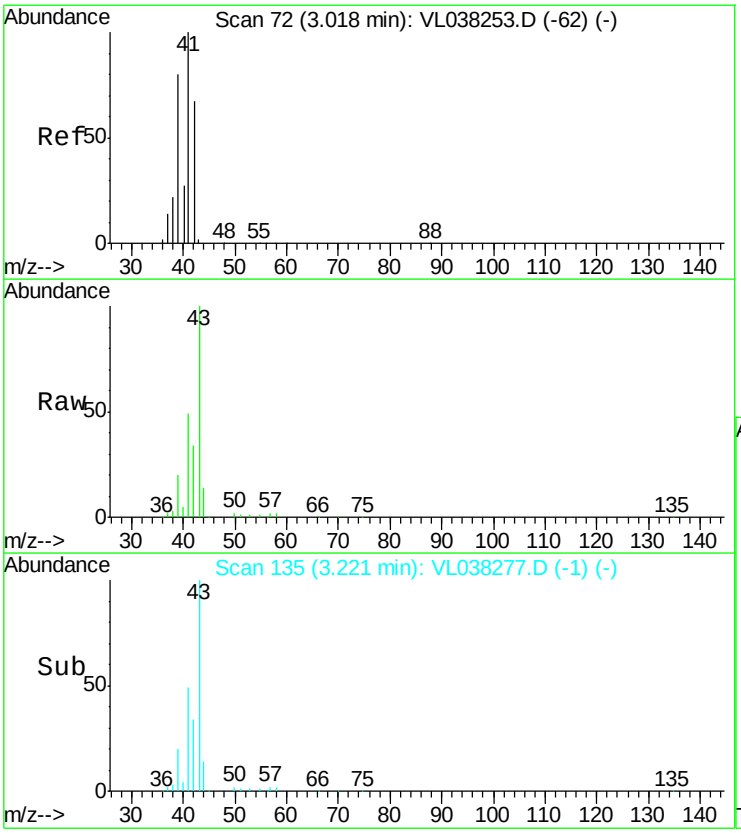
#3
Chlorodifluoromethane
Concen: 0.032 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 51 Resp: 5195

Ion	Ratio	Lower	Upper
51	100		
67	7.5	14.4	21.6#

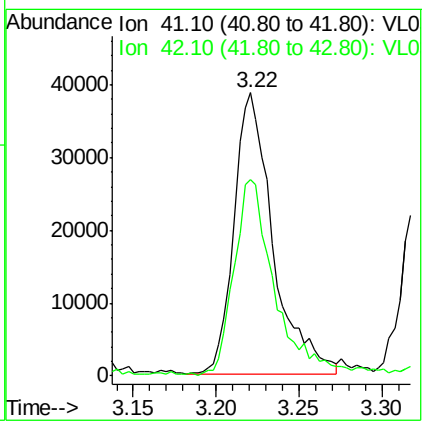


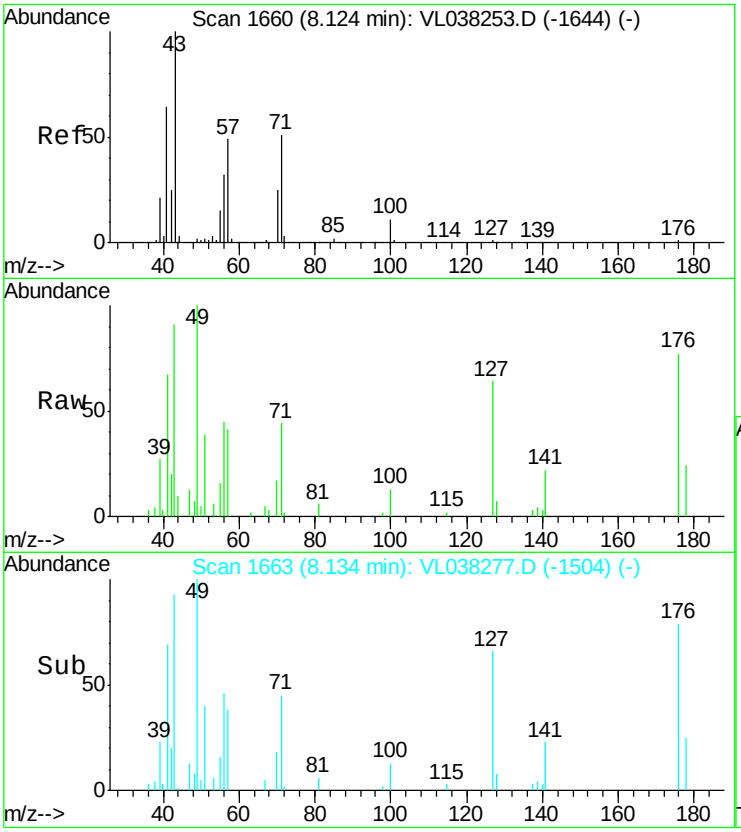


#9
Propene
Concen: 1.189 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.20 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 41 Resp: 63681

Ion	Ratio	Lower	Upper
41	100		
42	73.4	54.9	82.3



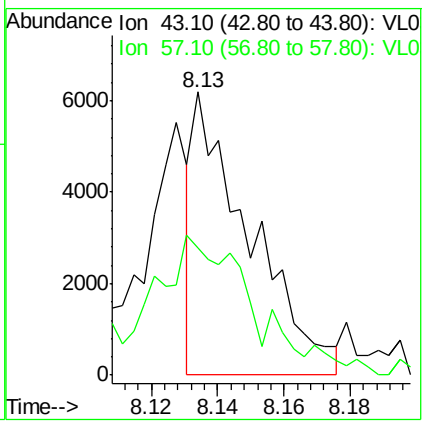


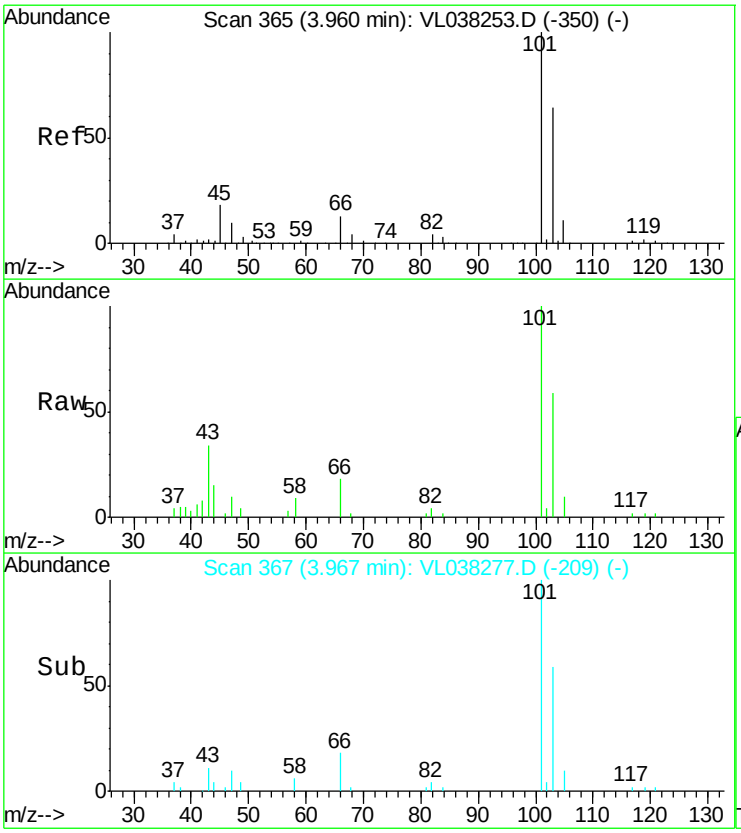
#10
Heptane
Concen: 0.053 ppbv
RT: 8.13
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 43 Resp: 7255

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.5	59.3#

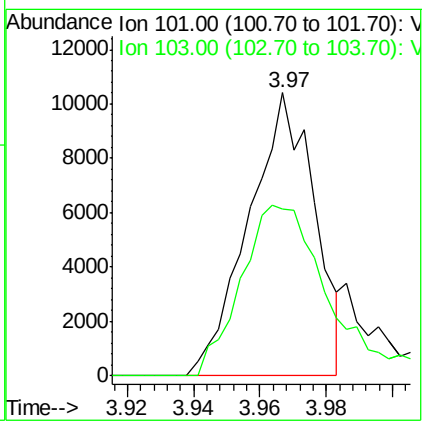


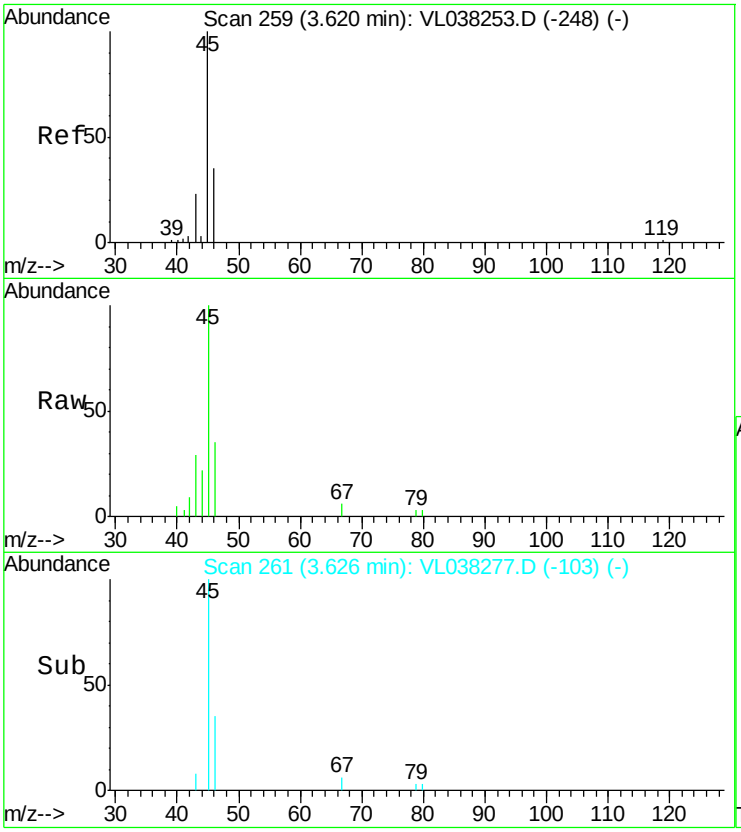


#11
Trichlorofluoromethane
Concen: 0.105 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion:101 Resp: 14366

Ion	Ratio	Lower	Upper
101	100		
103	59.2	51.2	76.8



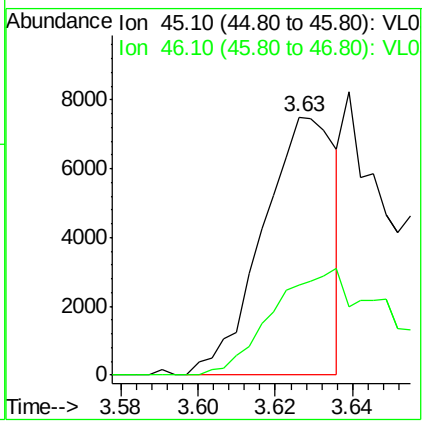


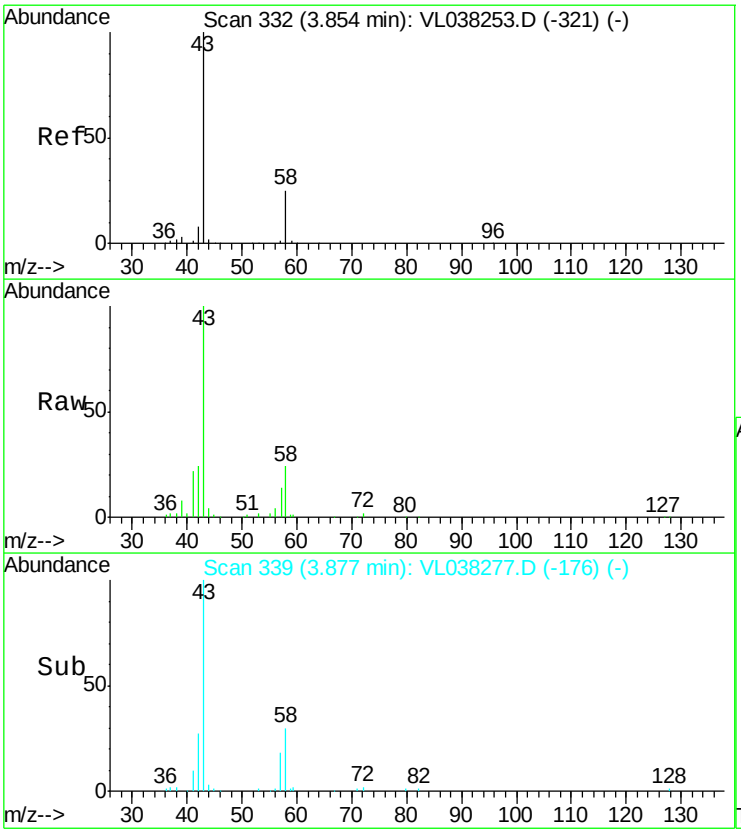
#13
Ethanol
Concen: 1.698 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 45 Resp: 9764

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.6#

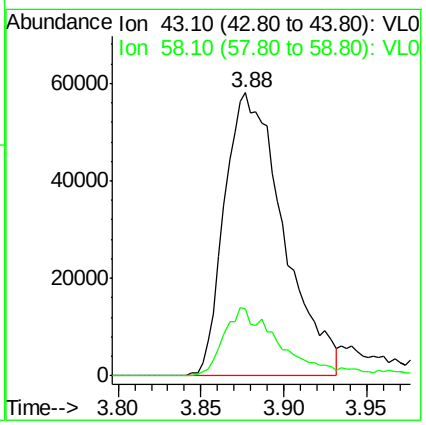


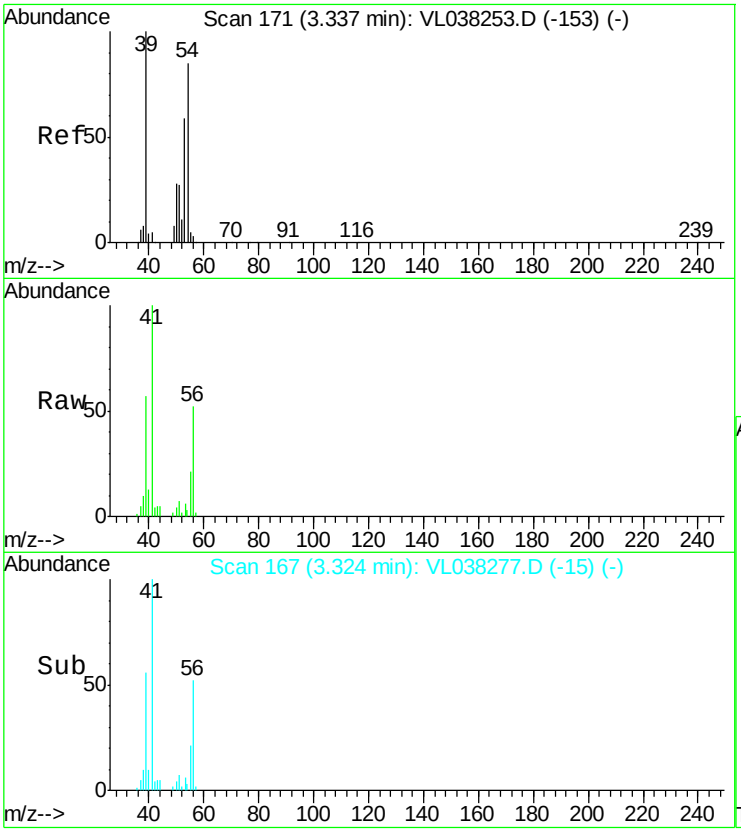


#15
Acetone
Concen: 1.967 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 43 Resp: 143308

Ion	Ratio	Lower	Upper
43	100		
58	24.7	21.5	32.3



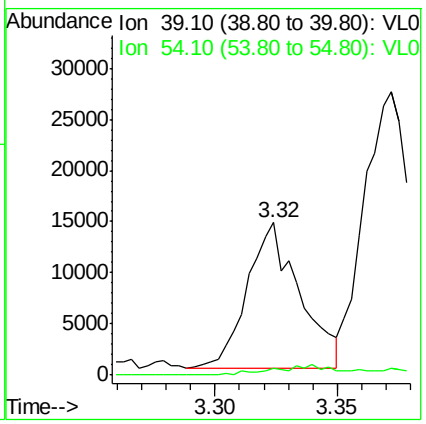


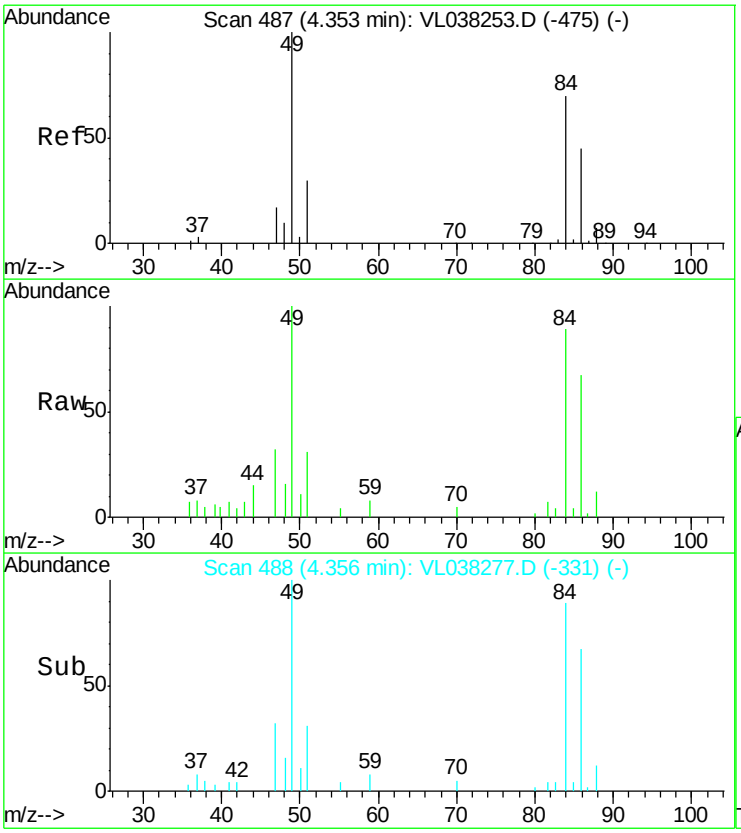
#16
1,3-Butadiene
Concen: 0.401 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 39 Resp: 20961

Ion	Ratio	Lower	Upper
39	100		
54	12.2	62.6	94.0#

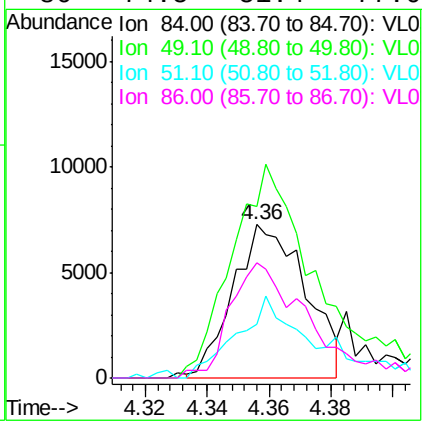


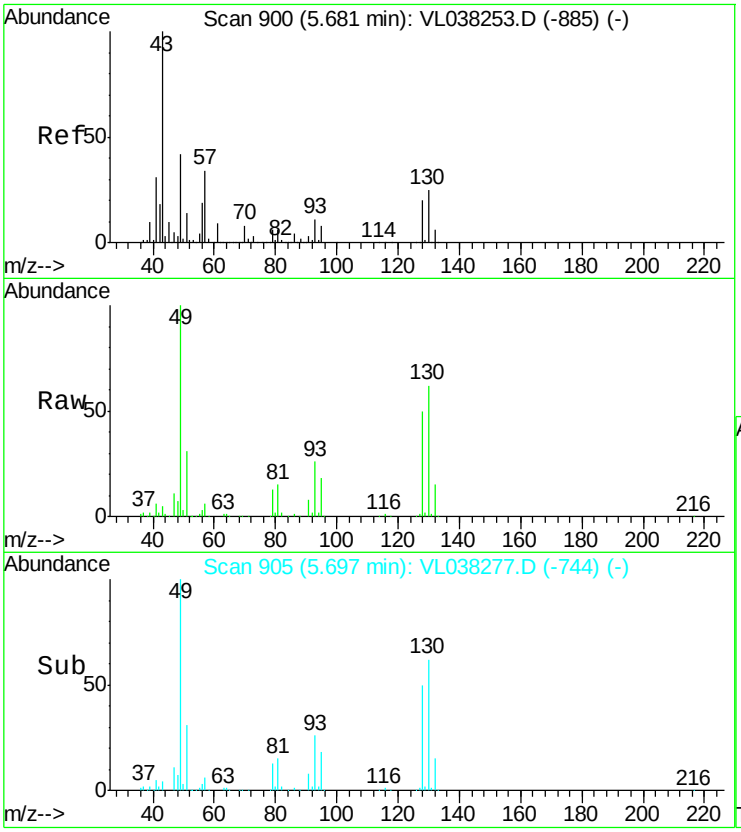


#20
Methylene Chloride
Concen: 0.279 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 84 Resp: 11835

Ion	Ratio	Lower	Upper
84	100		
49	106.9	115.0	172.6#
51	35.9	35.0	52.6
86	74.5	51.4	77.0



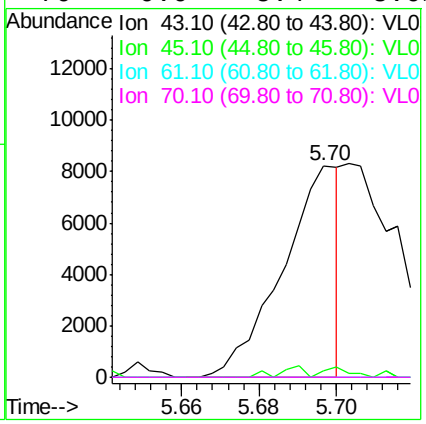


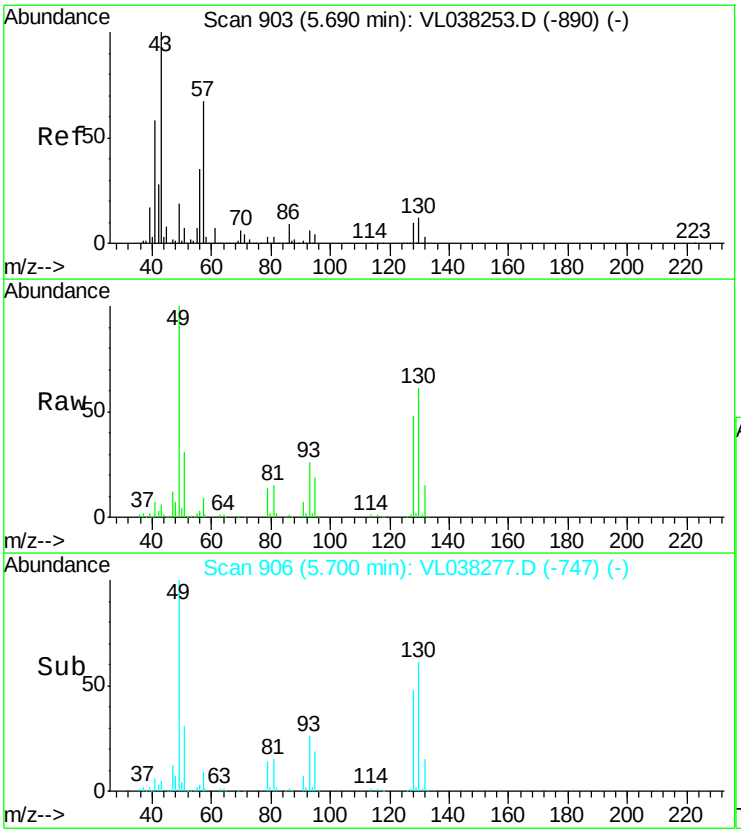
#25
Ethyl Acetate
Concen: 0.041 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 43 Resp: 8368

Ion	Ratio	Lower	Upper
43	100		
45	5.1	7.9	11.9#
61	0.0	7.8	11.8#
70	0.0	5.4	8.0#

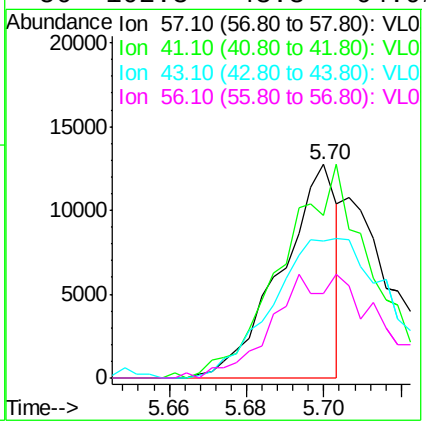


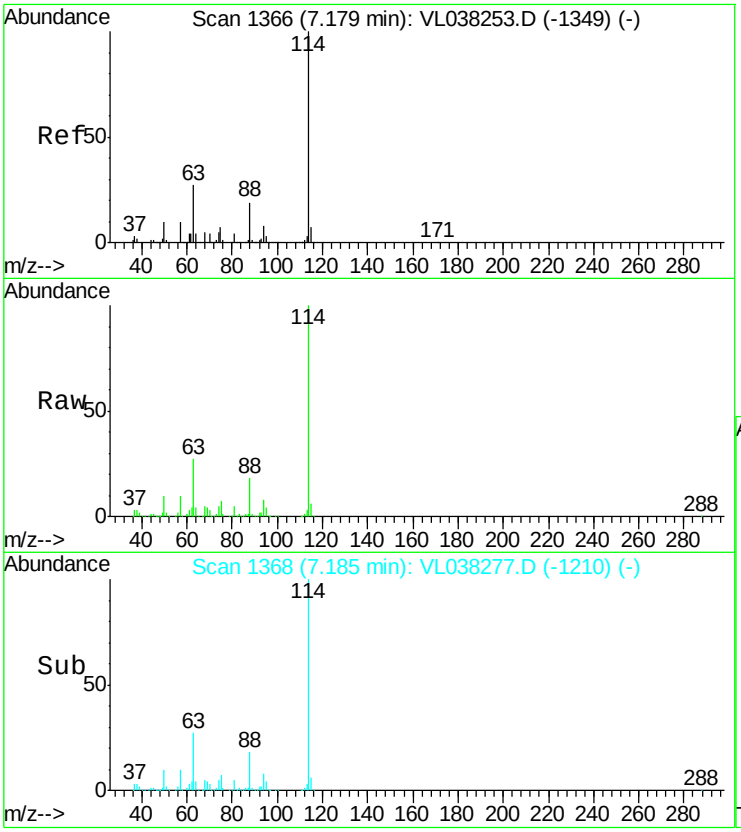


#26
Hexane
Concen: 0.135 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 57 Resp: 12796

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.8	109.2#
43	0.0	177.0	265.6#
56	102.3	43.3	64.9#



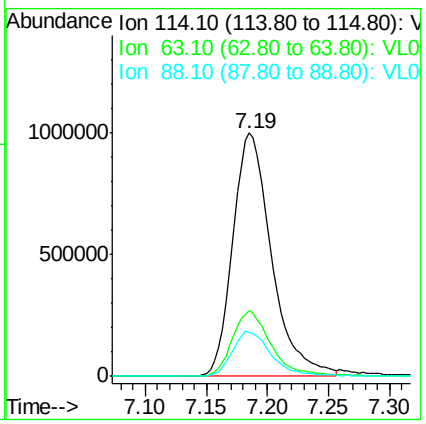


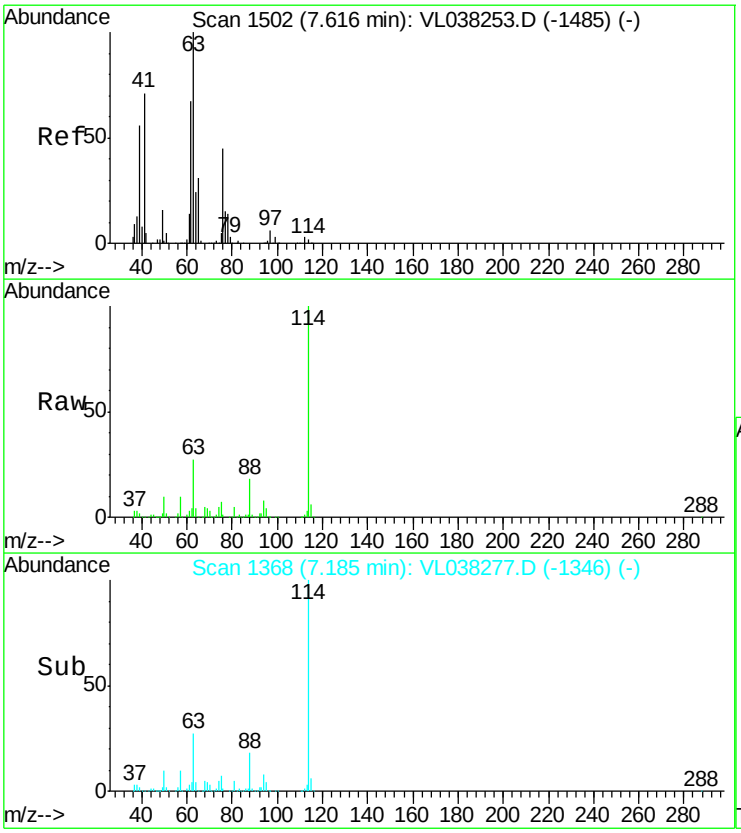
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion:114 Resp: 2203748

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

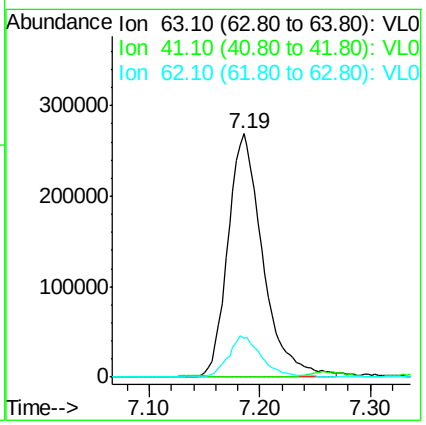


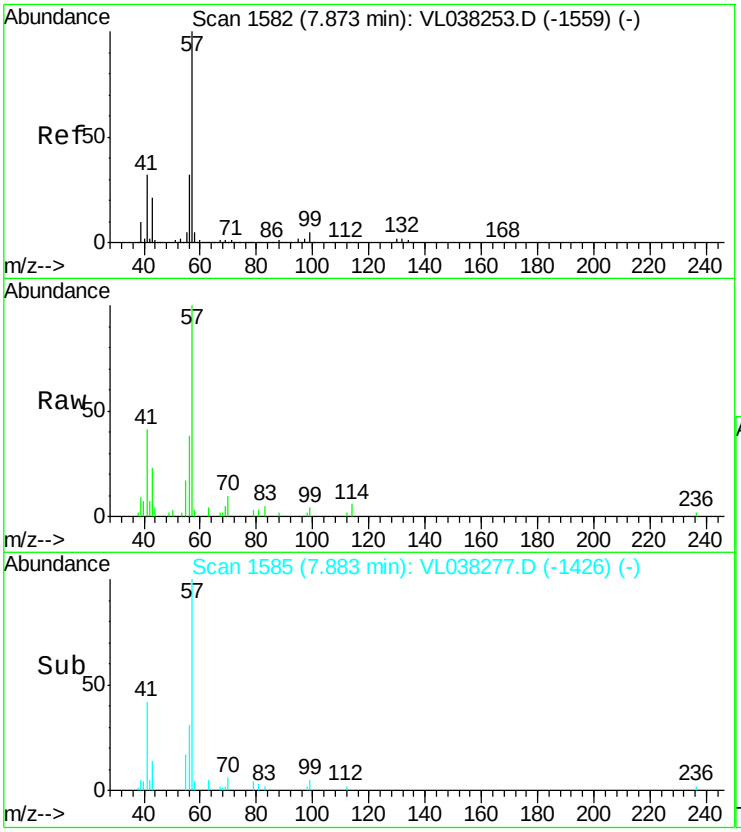


#39
1,2-Dichloropropane
Concen: 7.480 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.43 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion: 63 Resp: 591126

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	15.8	53.9	80.9#



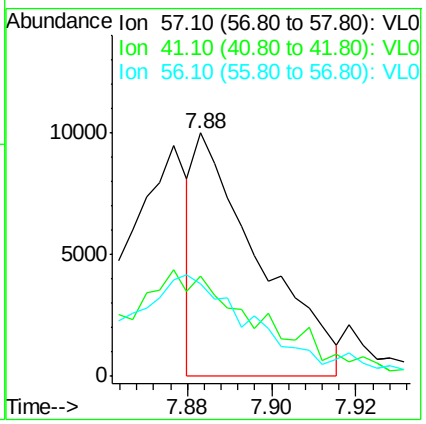


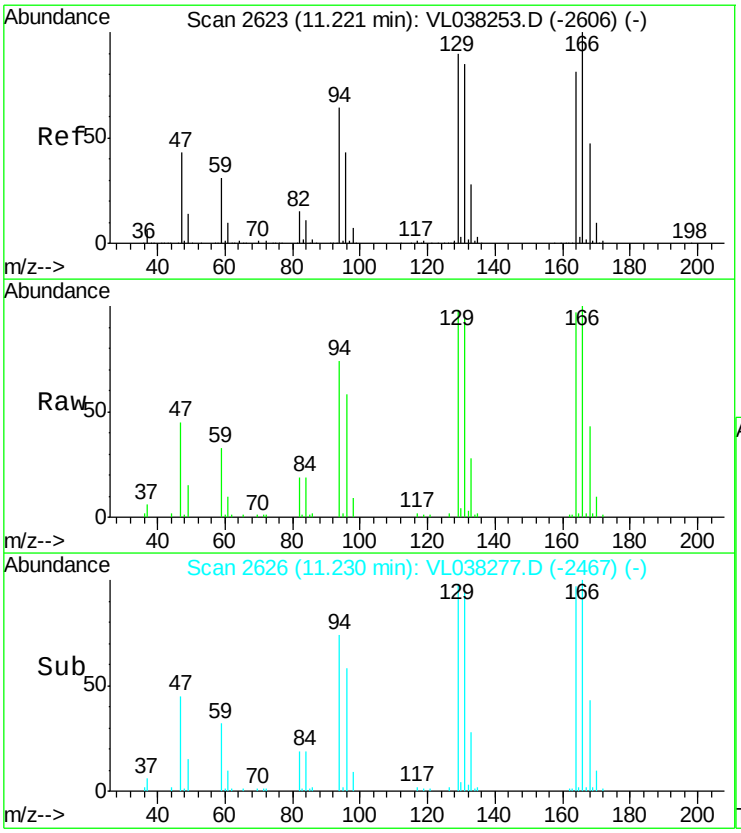
#44
2,2,4-Trimethylpentane
Concen: 0.031 ppbv
RT: 7.88
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 57 Resp: 10534

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.3	39.5#
56	94.3	25.2	37.8#

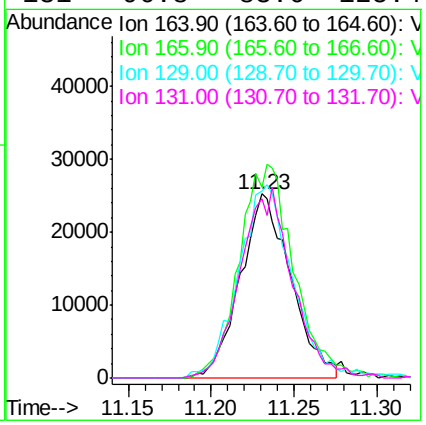


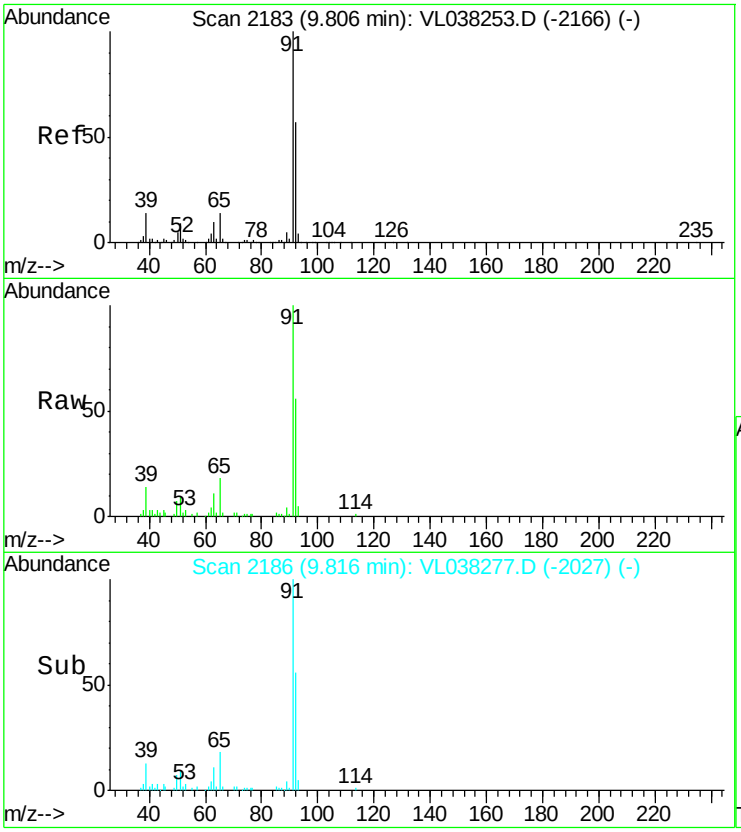


#52
Tetrachloroethene
Concen: 0.798 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion:164 Resp: 53618

Ion	Ratio	Lower	Upper
164	100		
166	103.6	98.8	148.2
129	101.0	89.2	133.8
131	96.8	83.6	125.4



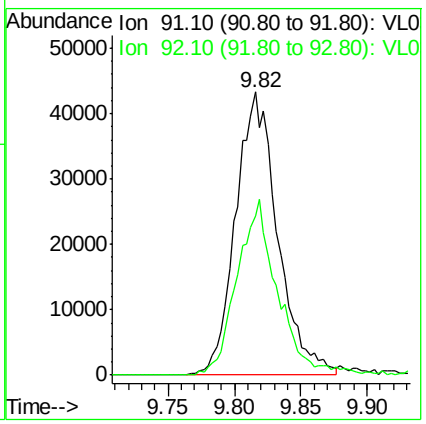


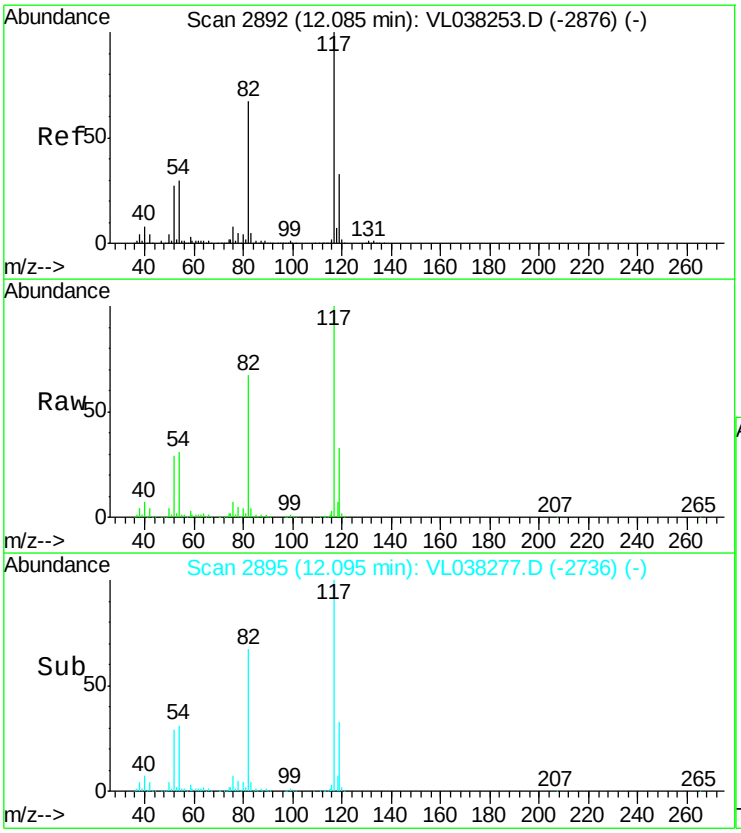
#53
Toluene
Concen: 0.442 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 25 Jan 2022 2:17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 91 Resp: 95272

Ion	Ratio	Lower	Upper
91	100		
92	60.4	47.4	71.0

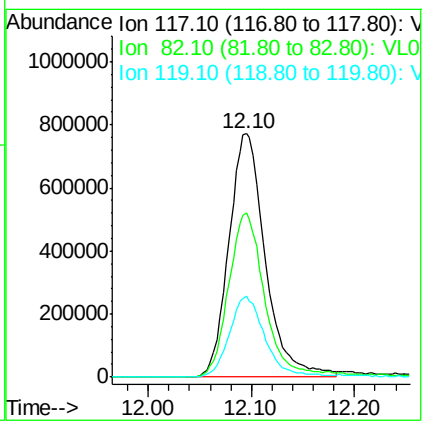


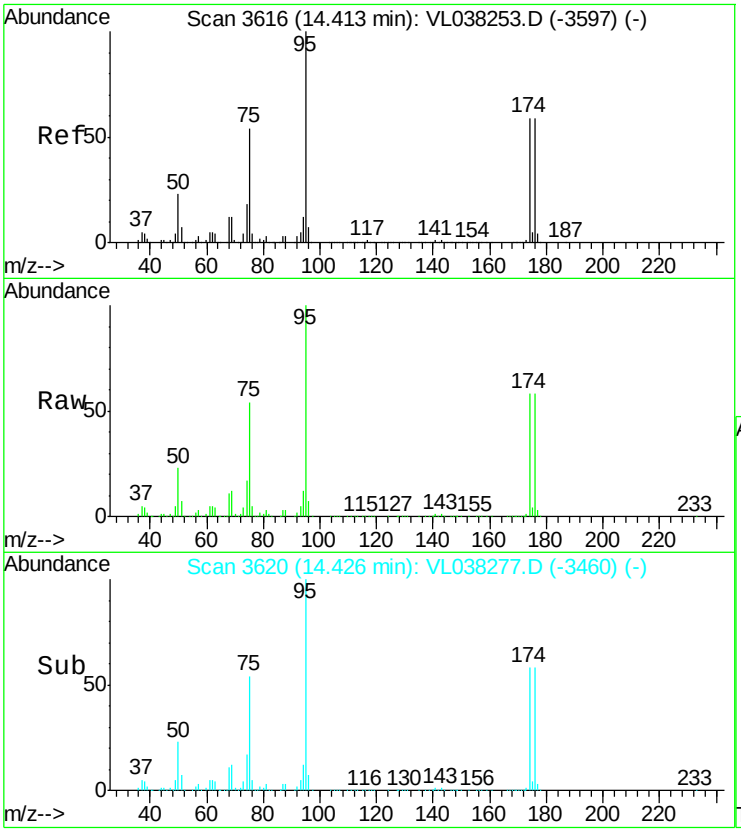


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.01 min
Lab File: VL038277.D
Acq: 25 Jan 2022 2:17

Tgt Ion:117 Resp: 1900217

Ion	Ratio	Lower	Upper
117	100		
82	67.4	54.4	81.6
119	33.9	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.598 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 25 Jan 2022 2.17

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 95 Resp: 1384329

Ion	Ratio	Lower	Upper
95	100		
174	61.7	48.3	72.5
175	4.6	3.5	5.3