Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038424.D
Acq On : 24 Feb 2022 1:54
Operator : SY/AP
Sample : N1605-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Quant Time: Feb 24 07:32:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	868108	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.15	114	2059106	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.05	117	1782456	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1384787	9.39	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	5251	0.04	ppbv		91
3) Chlorodifluoromethane	2.98	51	5203	0.03	ppbv	#	84
4) Chloromethane	3.13	50	2608	0.05	ppbv	#	66
9) Propene	3.20	41	19602	0.39	ppbv		95
13) Ethanol	3.60	45	49622	9.82	ppbv	#	11
15) Acetone	3.85	43	113913	1.54	ppbv	#	88
19) Isopropyl Alcohol	3.95	45	867591	20.29	ppbv		99
20) Methylene Chloride	4.32	84	3577	0.10	ppbv	#	78
25) Ethyl Acetate	5.66	43	37473	0.19	ppbv	#	85
26) Hexane	5.67	57	45962	0.51	ppbv	#	44
34) 2-Butanone	5.23	43	3808	0.06	ppbv	#	37
36) Benzene	6.86	78	9370	0.05	ppbv	#	76
39) 1,2-Dichloropropane	7.15	63	560545	7.76	ppbv	#	24
53) Toluene	9.78	91	64754	0.33	ppbv		96

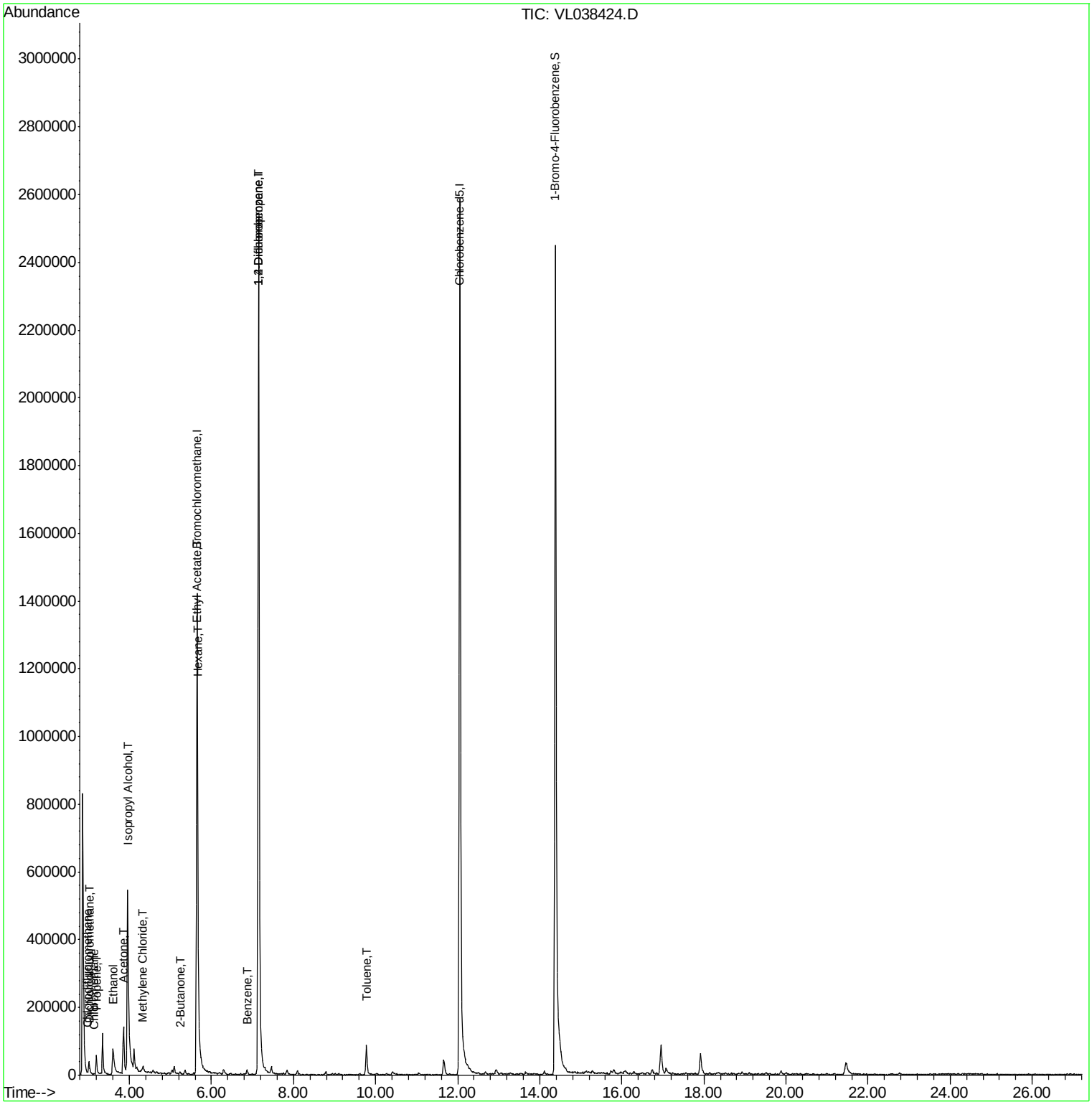
(#) = qualifier out of range (m) = manual integration (+) = signals summed

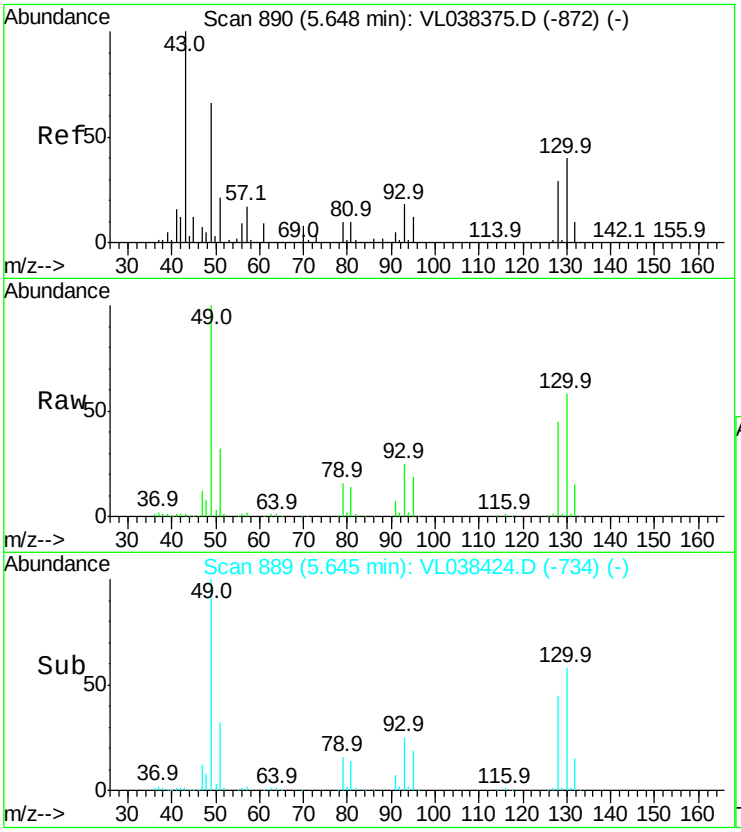
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038424.D
Acq On : 24 Feb 2022 1:54
Operator : SY/AP
Sample : N1605-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Quant Time: Feb 24 07:32:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



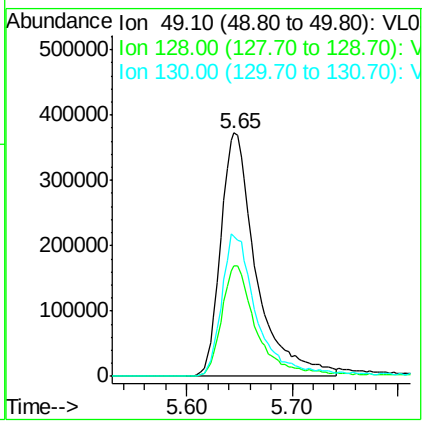


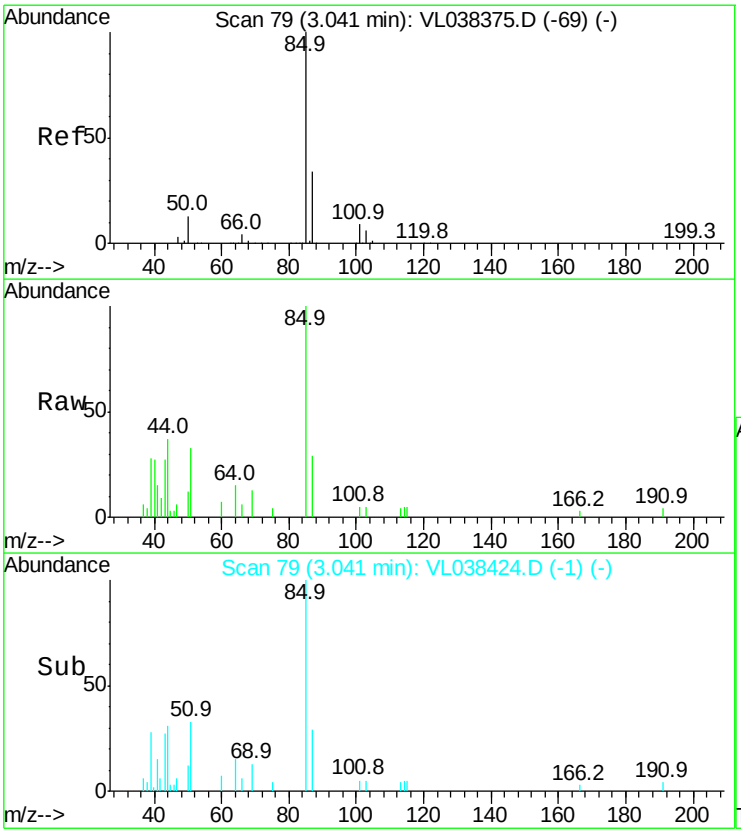
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 49 Resp: 868108

Ion	Ratio	Lower	Upper
49	100		
128	47.0	24.3	72.9
130	59.0	30.1	90.5

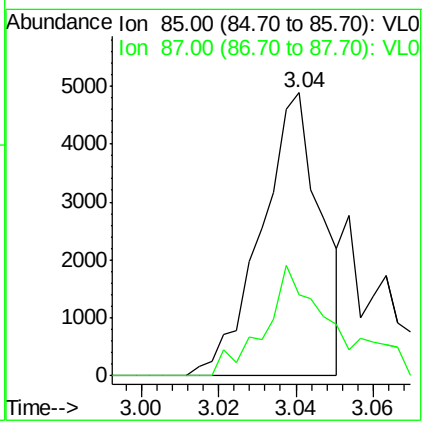


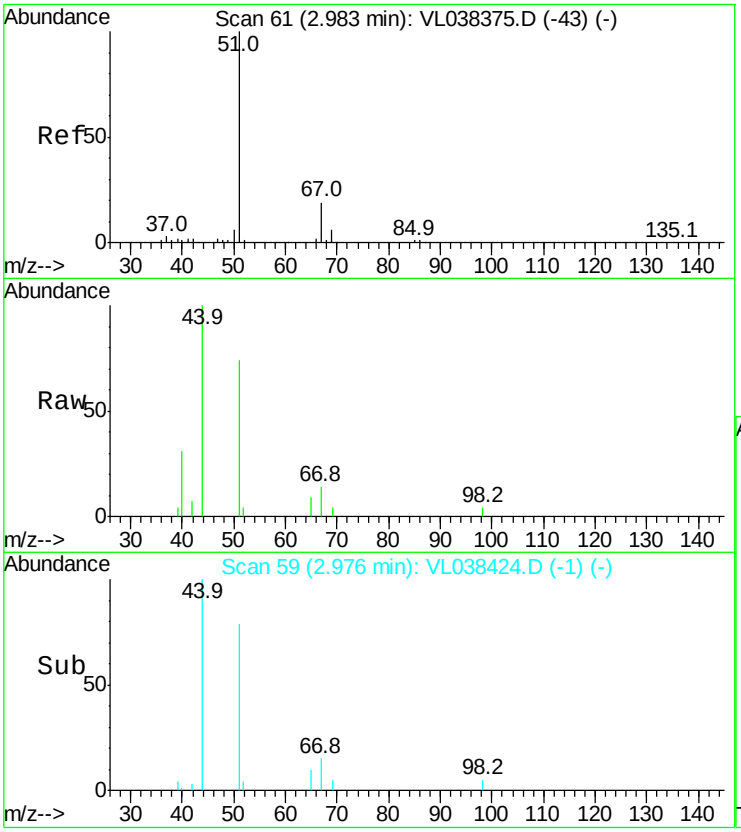


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.04 min Scan# 79
Delta R.T. 0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 85 Resp: 5251

Ion	Ratio	Lower	Upper
85	100		
87	28.8	27.4	41.0



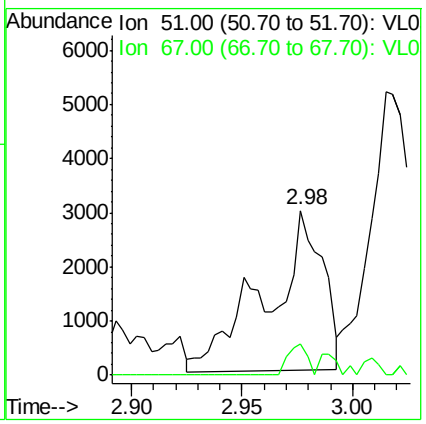


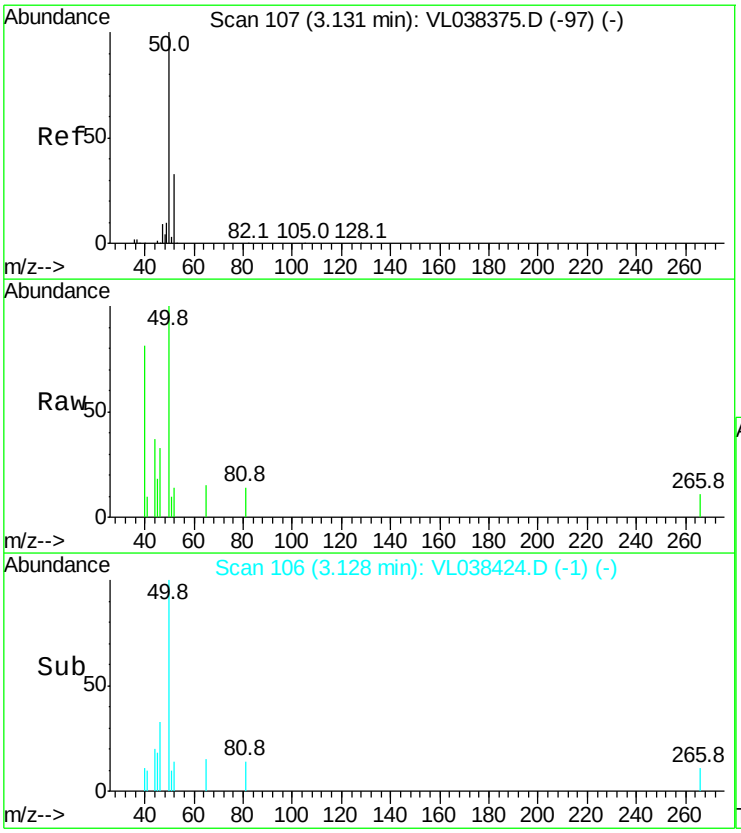
#3
Chlorodifluoromethane
Concen: 0.03 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 51 Resp: 5203

Ion	Ratio	Lower	Upper
51	100		
67	11.1	14.7	22.1#

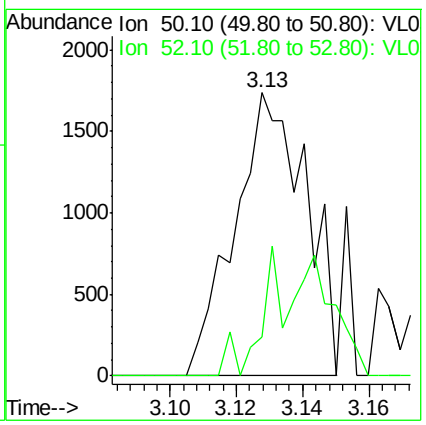


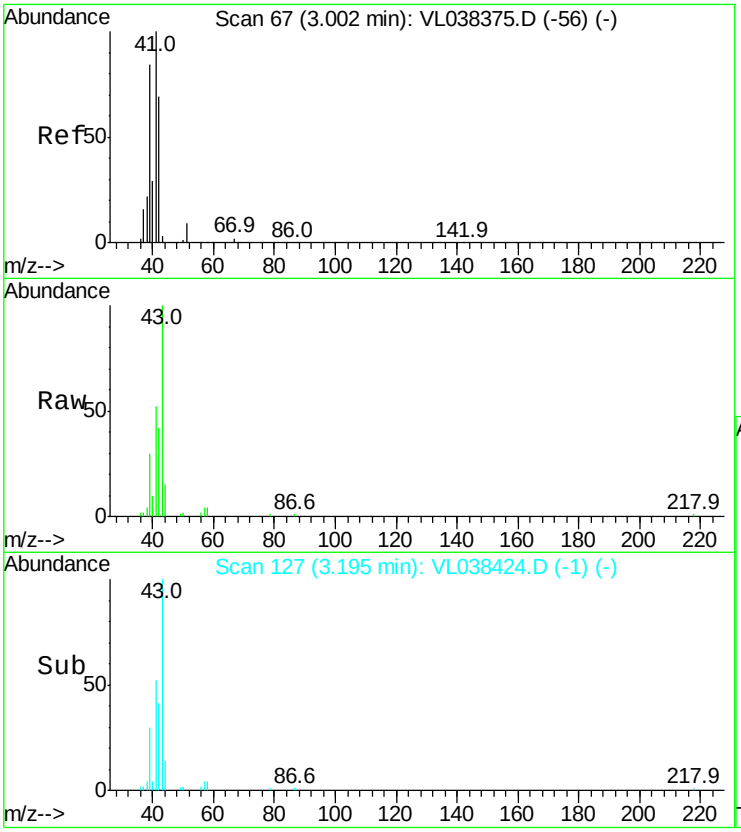


#4
Chloromethane
Concen: 0.05 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 50 Resp: 2608

Ion	Ratio	Lower	Upper
50	100		
52	13.7	26.5	39.7#



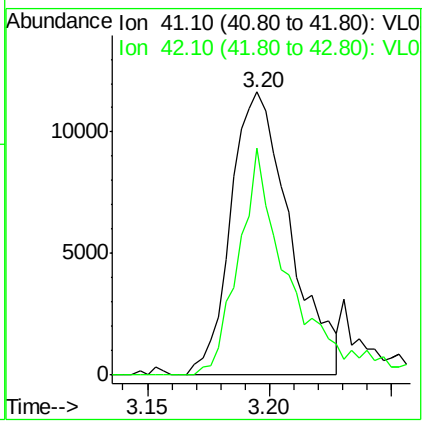


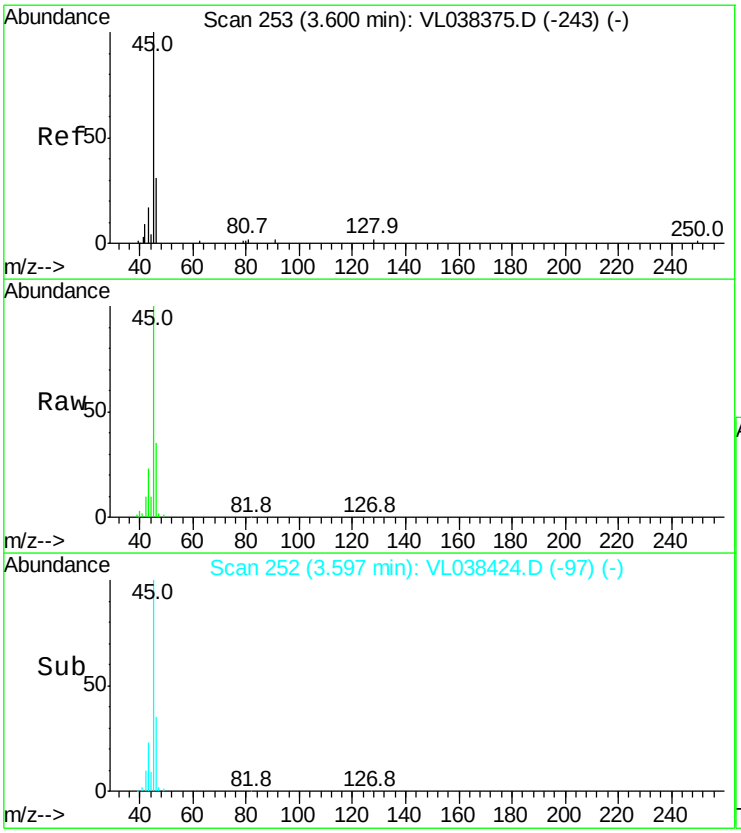
#9
Propene
Concen: 0.39 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 41 Resp: 19602

Ion	Ratio	Lower	Upper
41	100		
42	72.5	54.6	82.0

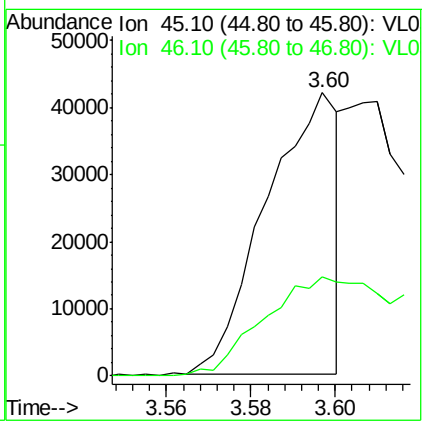


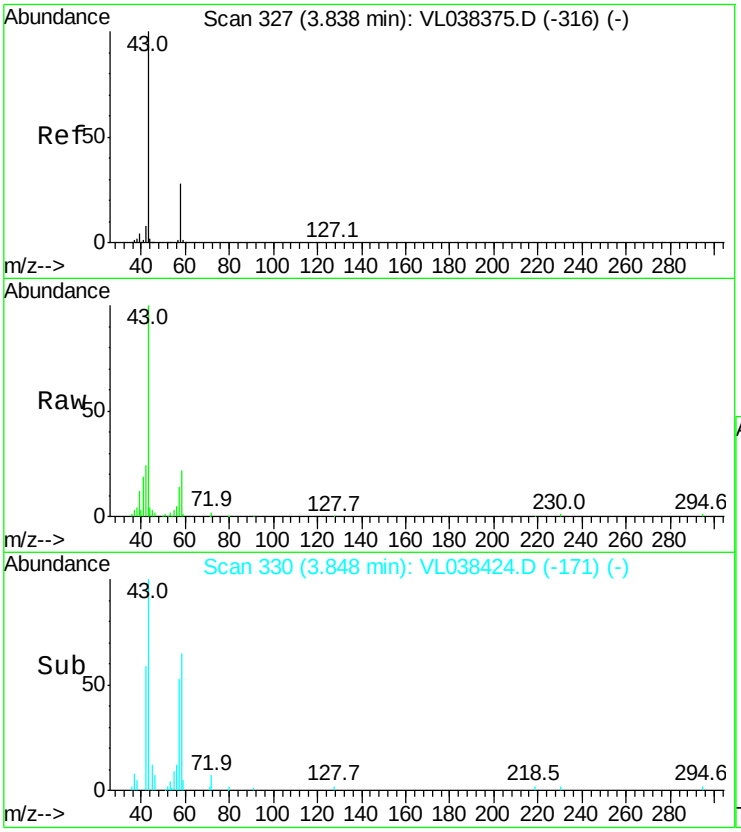


#13
Ethanol
Concen: 9.82 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 45 Resp: 49622

Ion	Ratio	Lower	Upper
45	100		
46	104.1	18.2	72.8#



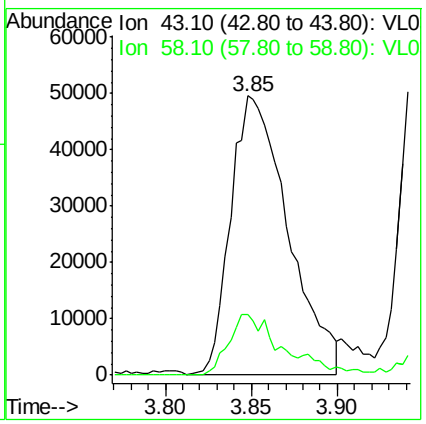


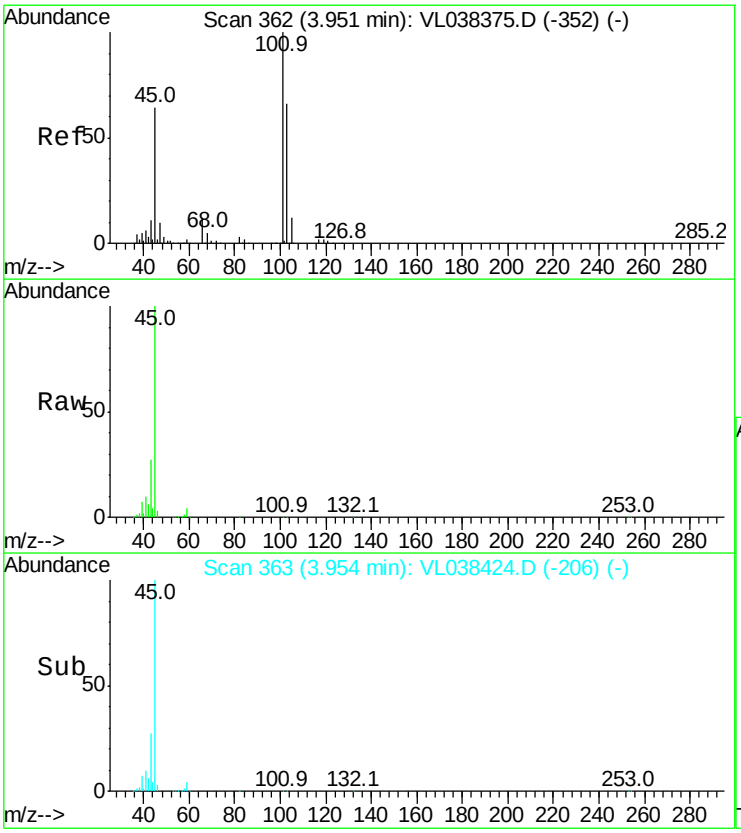
#15
Acetone
Concen: 1.54 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 43 Resp: 113913

Ion	Ratio	Lower	Upper
43	100		
58	20.8	21.7	32.5#

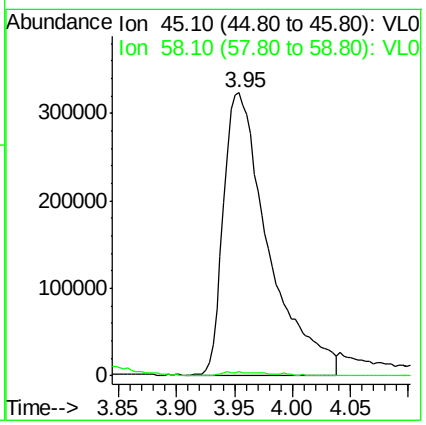


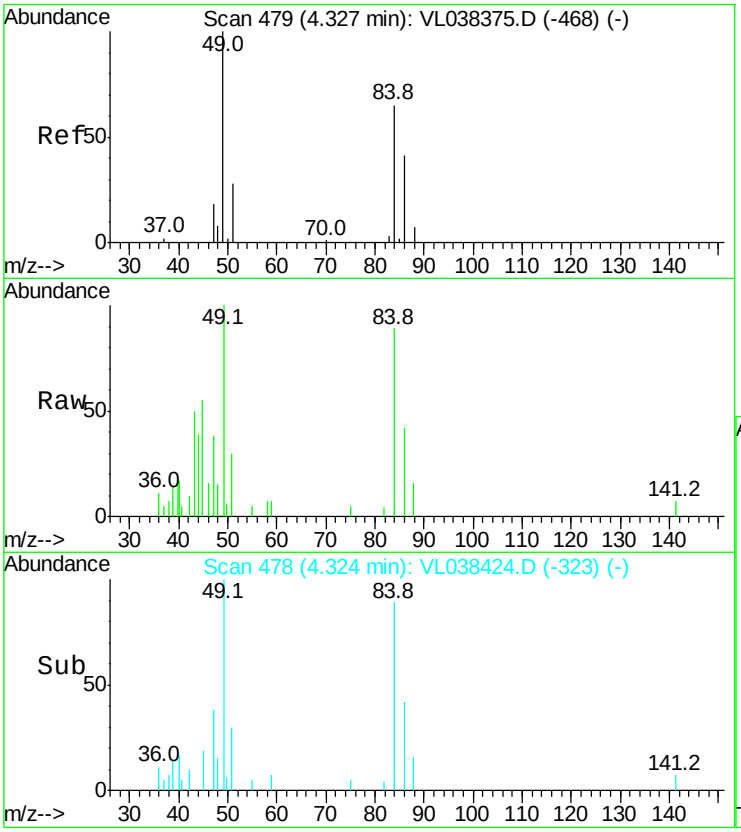


#19
Isopropyl Alcohol
Concen: 20.29 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 45 Resp: 867591

Ion	Ratio	Lower	Upper
45	100		
58	1.8	1.8	2.8



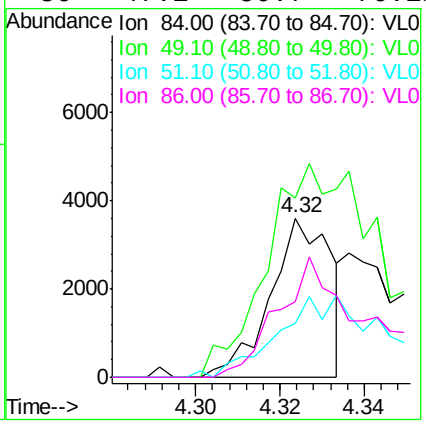


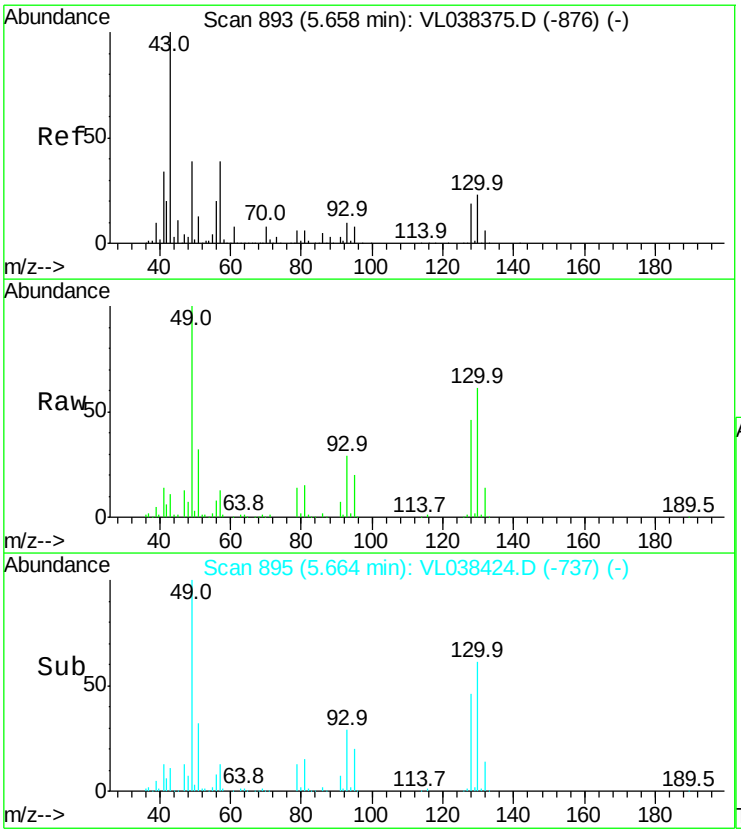
#20
Methylene Chloride
Concen: 0.10 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 84 Resp: 3577

Ion	Ratio	Lower	Upper
84	100		
49	119.9	122.4	183.6#
51	34.0	33.3	49.9
86	47.1	50.7	76.1#

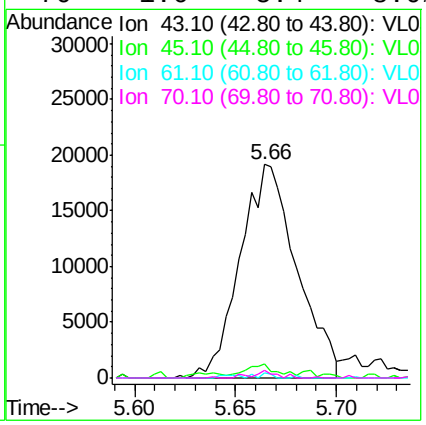


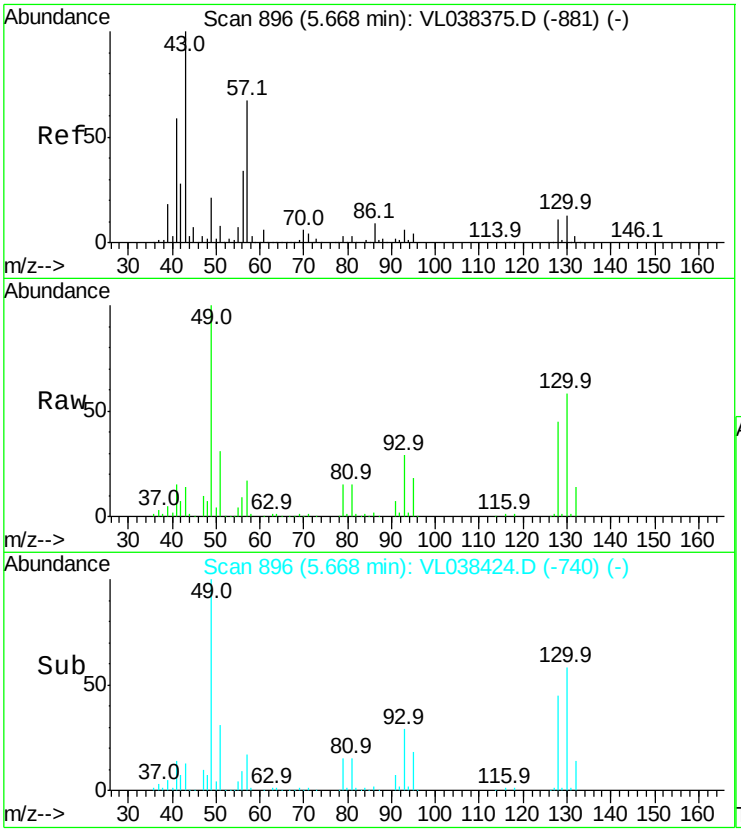


#25
Ethyl Acetate
Concen: 0.19 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.01 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 43 Resp: 37473

Ion	Ratio	Lower	Upper
43	100		
45	6.8	7.8	11.6#
61	1.1	7.5	11.3#
70	1.6	5.4	8.0#



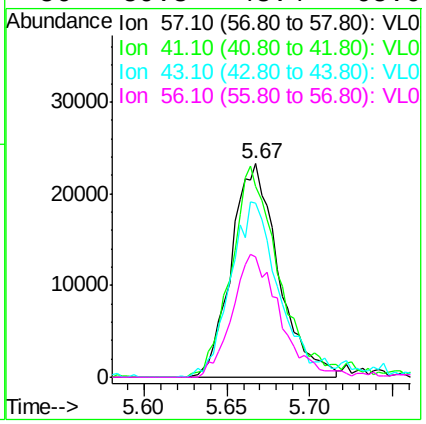


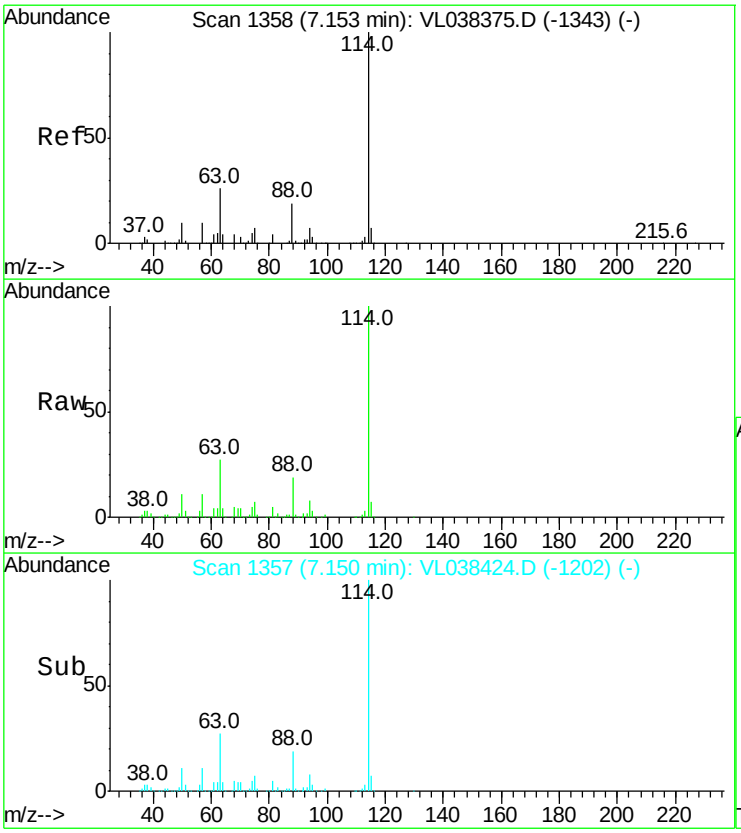
#26
Hexane
Concen: 0.51 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 57 Resp: 45962

Ion	Ratio	Lower	Upper
57	100		
41	103.3	73.1	109.7
43	87.4	181.0	271.4#
56	59.3	43.4	65.0

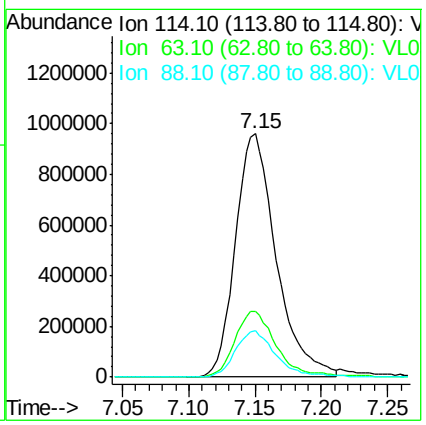


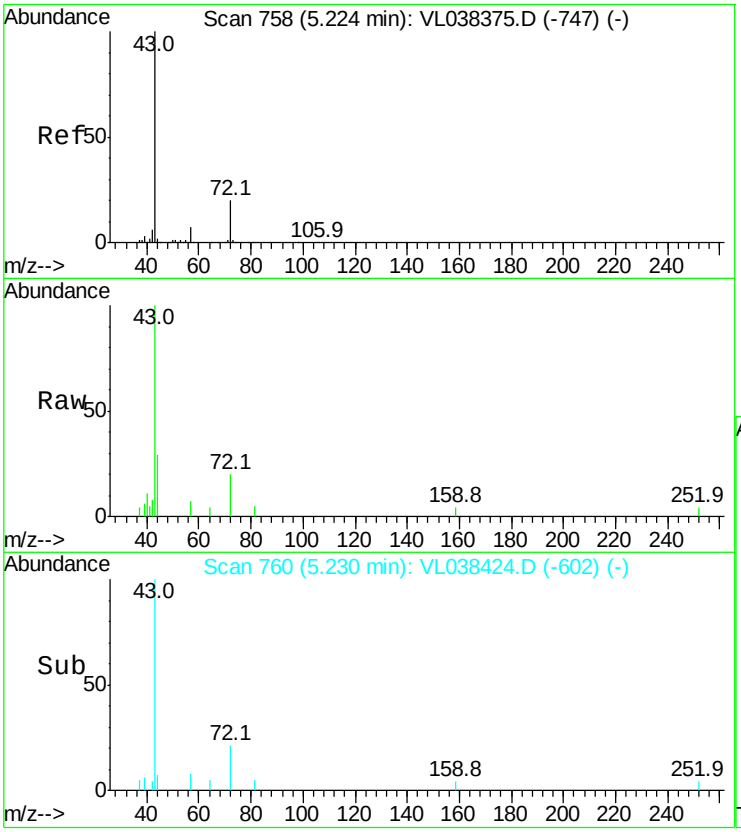


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion:114 Resp: 2059106

Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.2
88	19.4	15.2	22.8



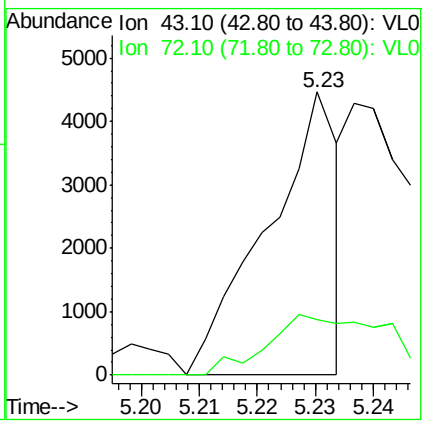


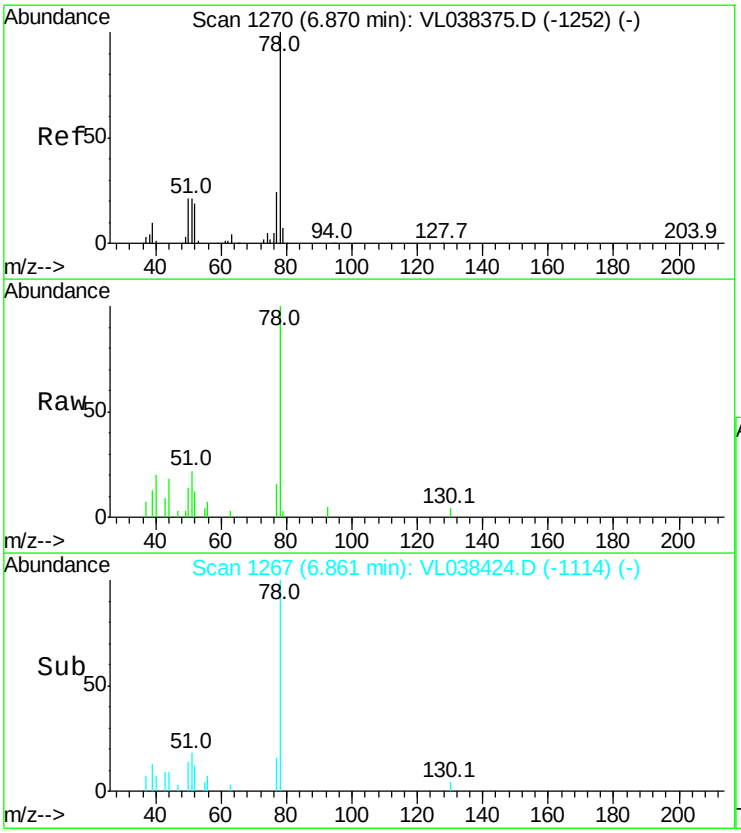
#34
2-Butanone
Concen: 0.06 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 43 Resp: 3808

Ion	Ratio	Lower	Upper
43	100		
72	51.7	17.4	26.2#

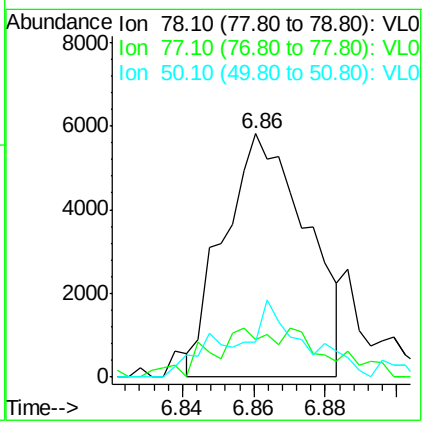


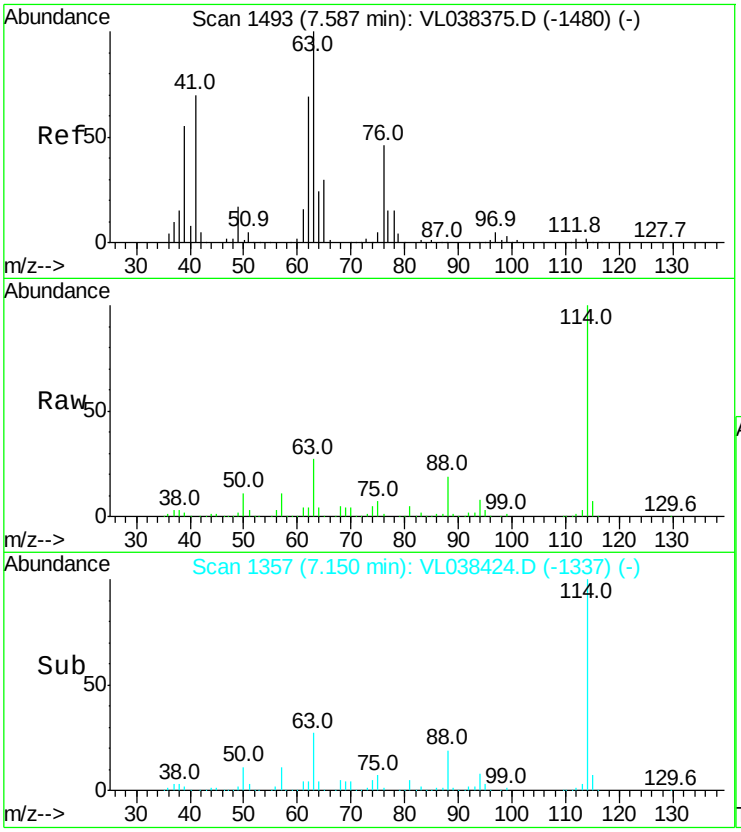


#36
Benzene
Concen: 0.05 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 78 Resp: 9370

Ion	Ratio	Lower	Upper
78	100		
77	17.3	19.0	28.6#
50	4.0	16.6	24.8#



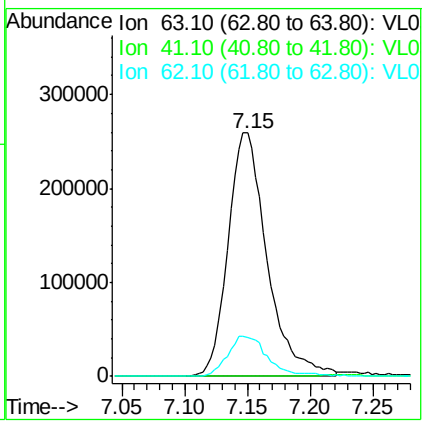


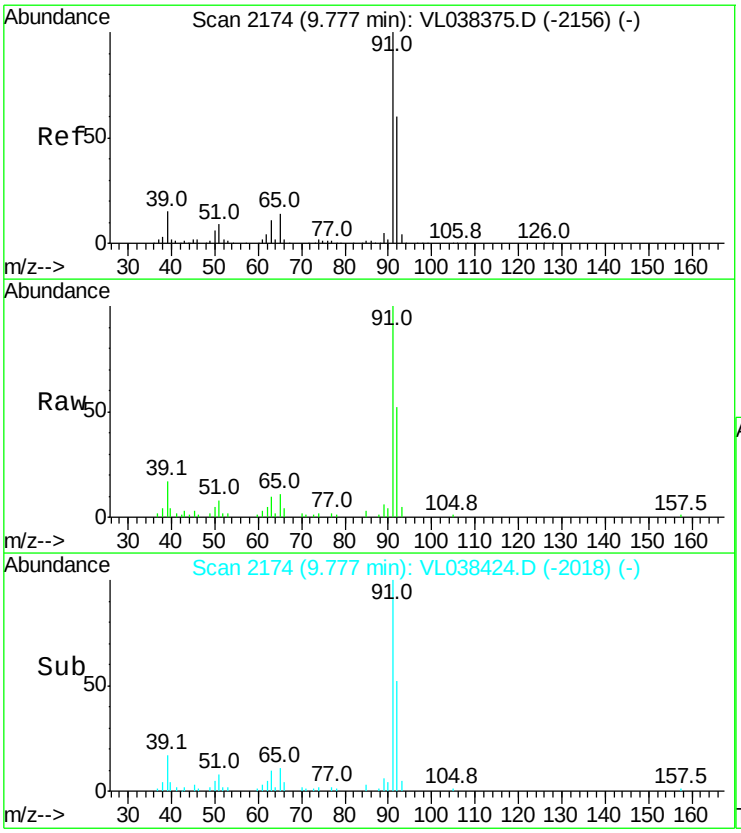
#39
1,2-Dichloropropane
Concen: 7.76 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 63 Resp: 560545

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	15.8	55.5	83.3#

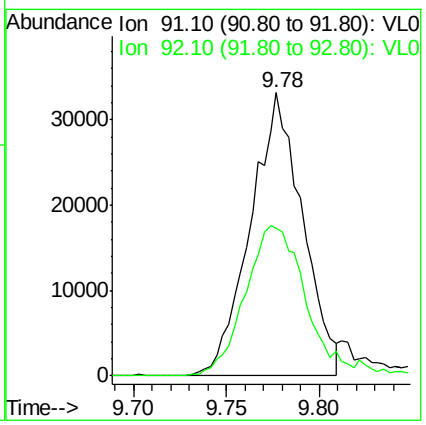


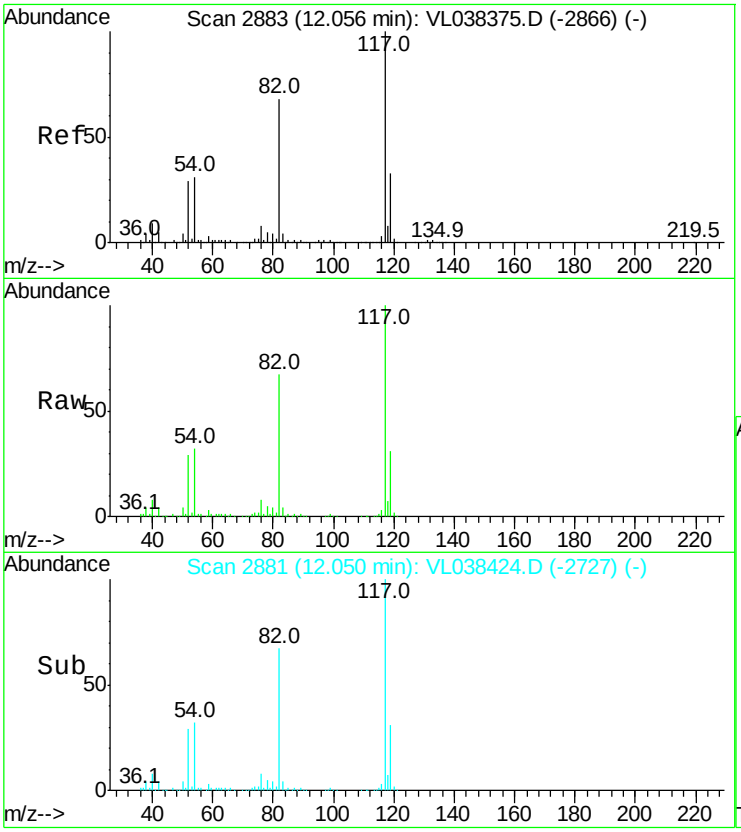


#53
Toluene
Concen: 0.33 ppbv
RT: 9.78 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 91 Resp: 64754

Ion	Ratio	Lower	Upper
91	100		
92	63.7	48.2	72.4



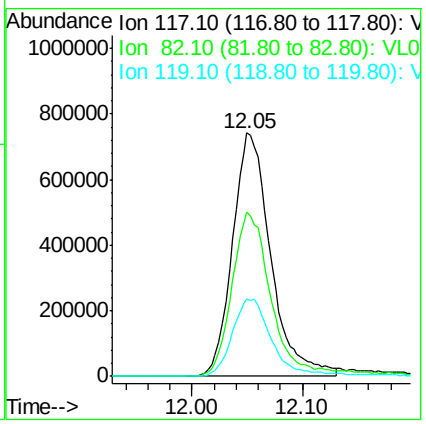


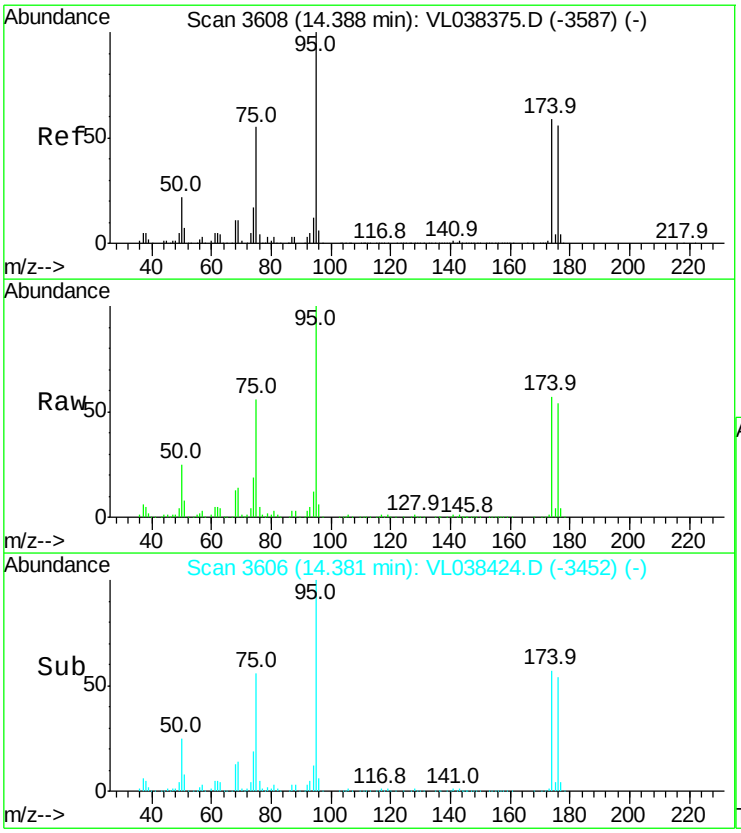
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 24 Feb 2022 1:54

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion:117 Resp: 1782456

Ion	Ratio	Lower	Upper
117	100		
82	72.7	54.9	82.3
119	33.6	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.39 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.01 min
Lab File: VL038424.D
Acq: 24 Feb 2022 1:54

Tgt Ion: 95 Resp: 1384787

Ion	Ratio	Lower	Upper
95	100		
174	62.7	49.0	73.4
175	4.5	3.6	5.4