Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039261.D
Acq On : 13 Jun 2022 21:16
Operator : SY/AP
Sample : N3330-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Quant Time: Jun 14 01:32:57 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	5.67	49	1349003	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3150876	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2560791	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2218101	10.48	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.80%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.00	51	280036	1.632	ppbv	97
9) Propene	3.21	41	66452	0.888	ppbv	94
13) Ethanol	3.61	45	57070	13.982	ppbv #	100
15) Acetone	3.86	43	80914	0.576	ppbv	98
20) Methylene Chloride	4.35	84	36469	0.616	ppbv #	91
25) Ethyl Acetate	5.69	43	30913	0.098	ppbv #	84
26) Hexane	5.69	57	18898	0.136	ppbv #	60
30) Cyclohexane	7.16	84	3873	0.033	ppbv #	12
34) 2-Butanone	5.26	43	5419	0.032	ppbv #	53
36) Benzene	6.90	78	12365	0.048	ppbv #	86
38) Trichloroethene	7.83	130	3691	0.031	ppbv #	27
39) 1,2-Dichloropropane	7.18	63	905101	8.895	ppbv #	24
52) Tetrachloroethene	11.23	164	2093119	20.957	ppbv	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
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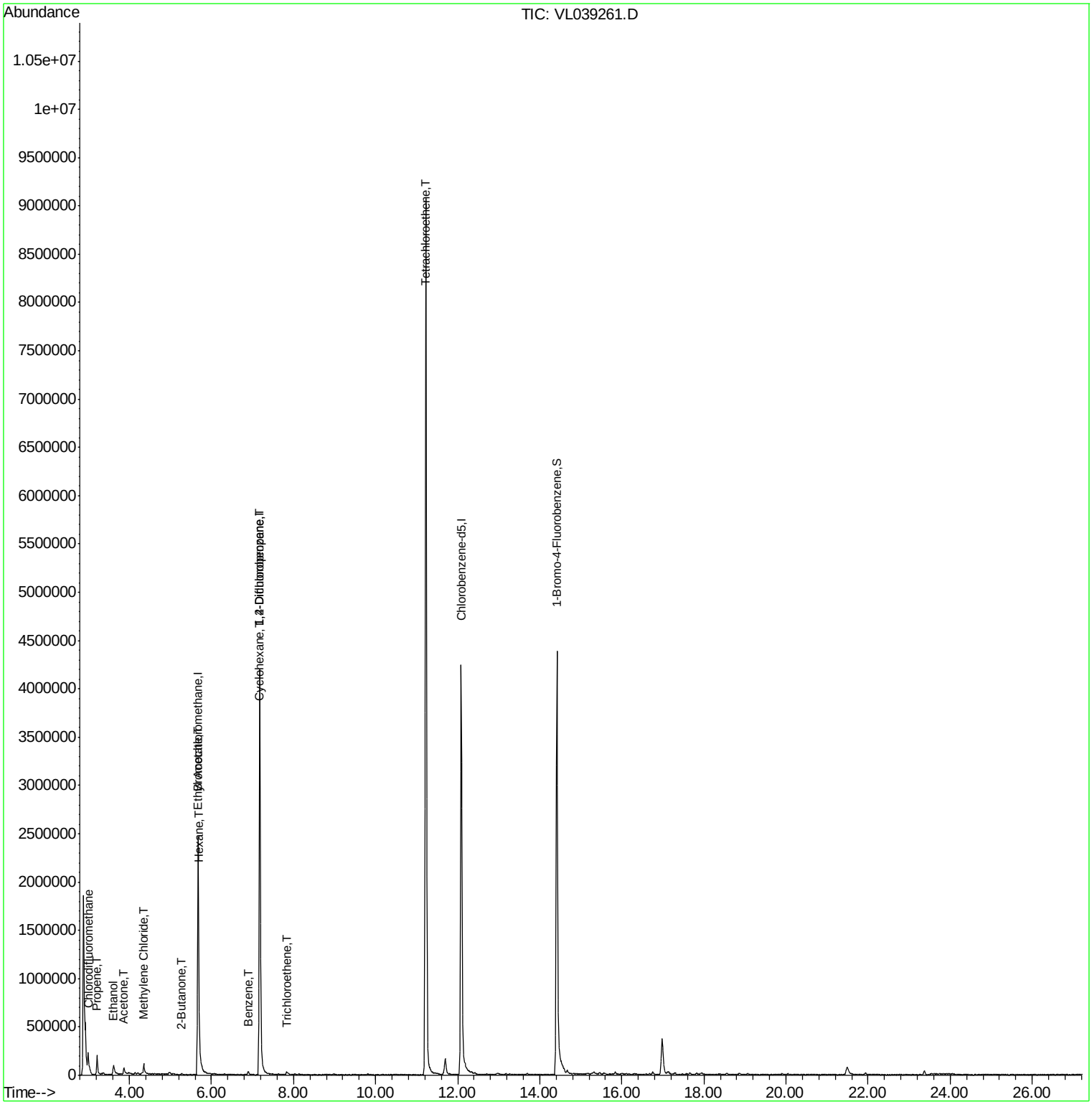
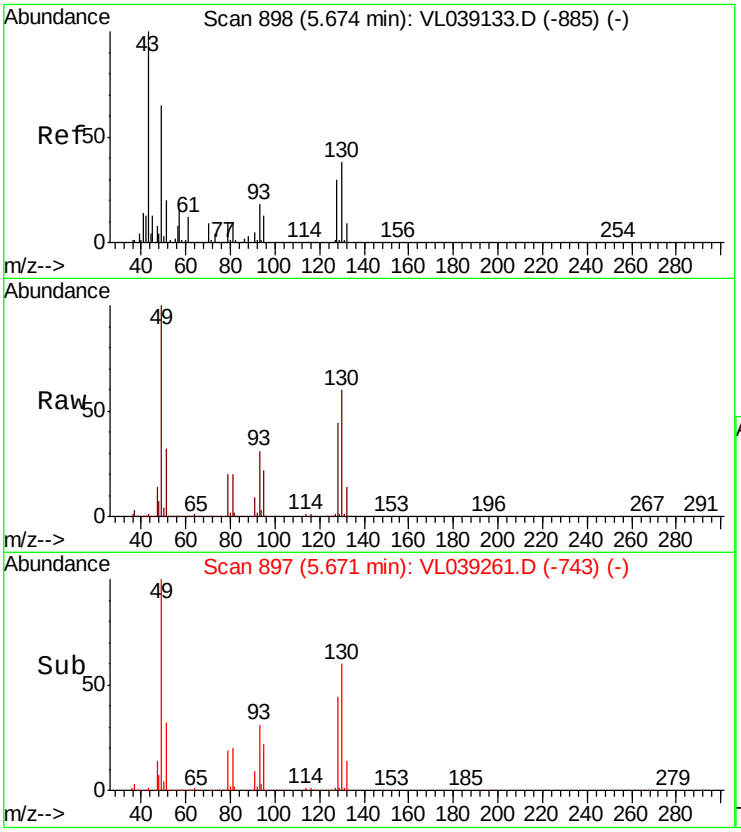
Acq On : 13 Jun 2022 21:16
Operator : SY/AP
Sample : N3330-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Quant Time: Jun 14 01:32:57 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



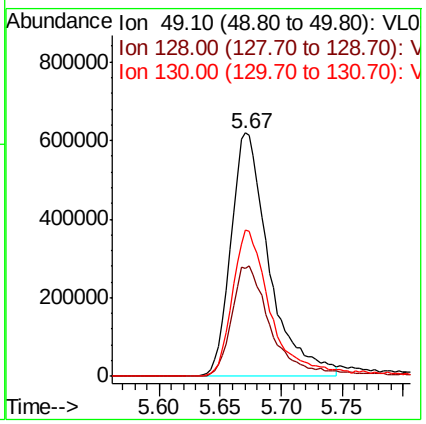


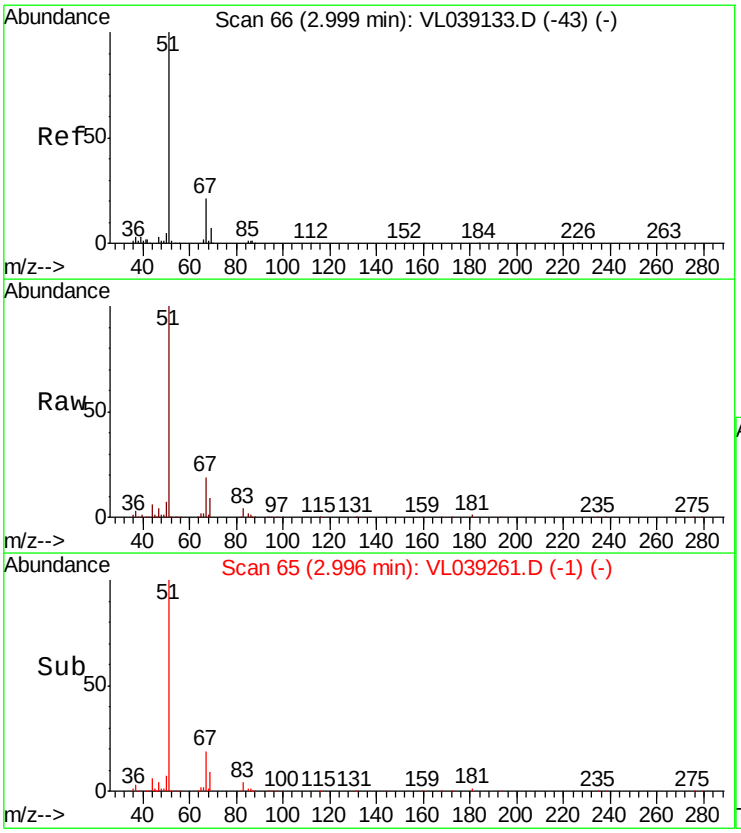
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 49 Resp: 1349003

Ion	Ratio	Lower	Upper
49	100		
128	47.9	24.7	74.1
130	61.0	31.4	94.0

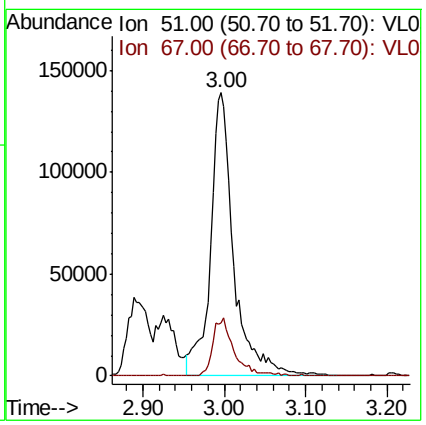


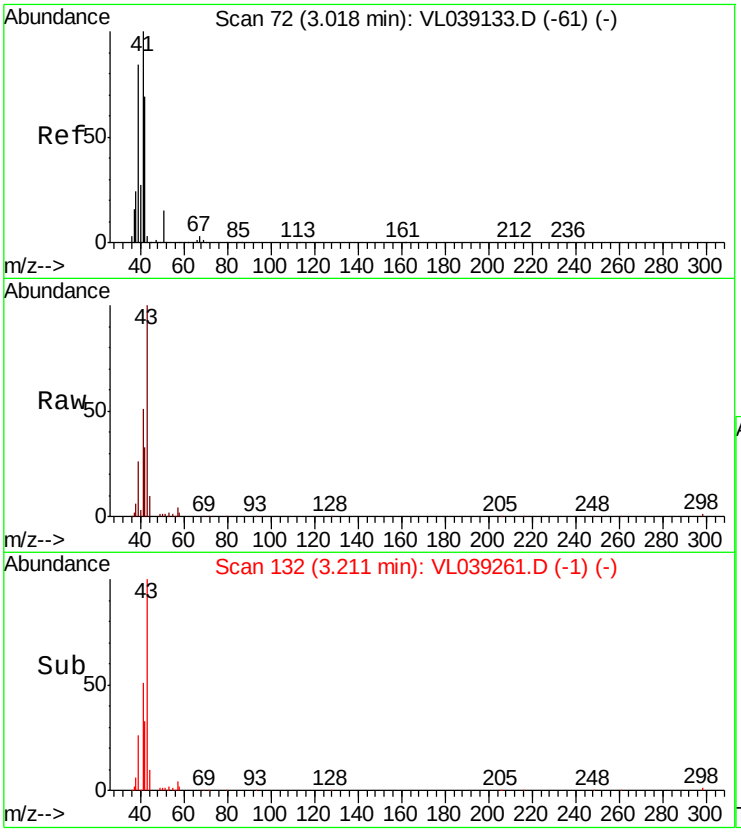


#3
Chlorodifluoromethane
Concen: 1.632 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 51 Resp: 280036

Ion	Ratio	Lower	Upper
51	100		
67	18.8	16.2	24.4



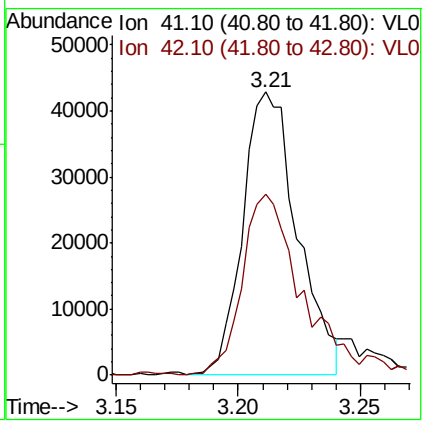


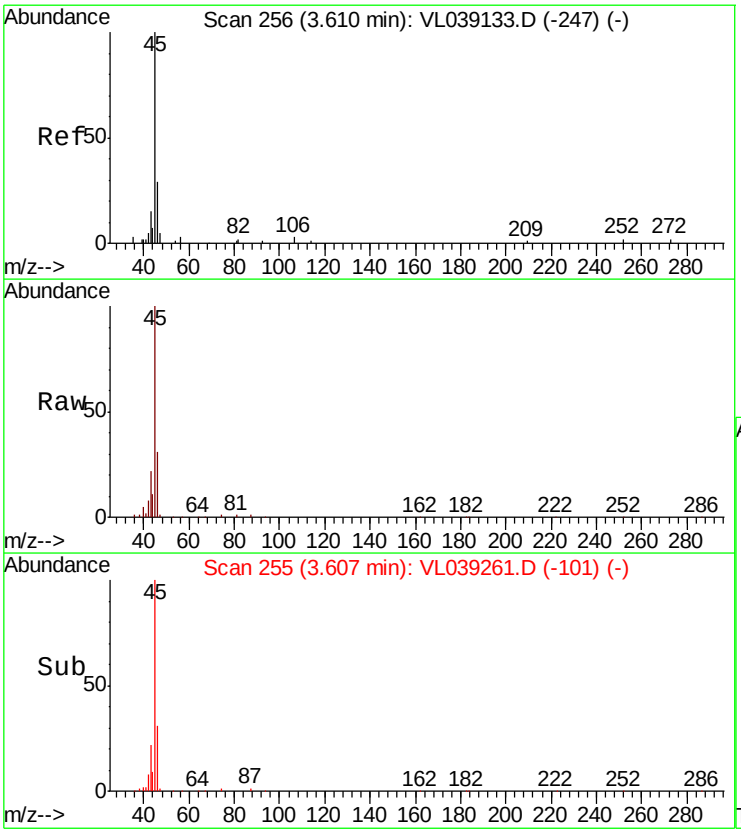
#9
Propene
Concen: 0.888 ppbv
RT: 3.21
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 41 Resp: 66452

Ion	Ratio	Lower	Upper
41	100		
42	74.1	55.4	83.2

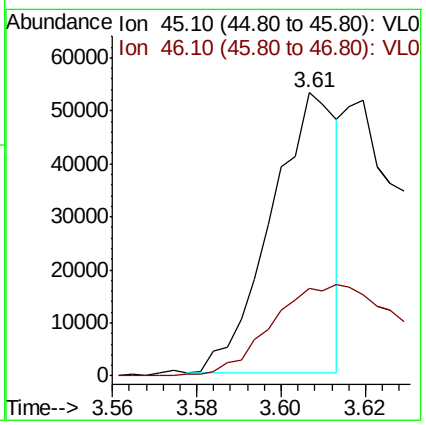


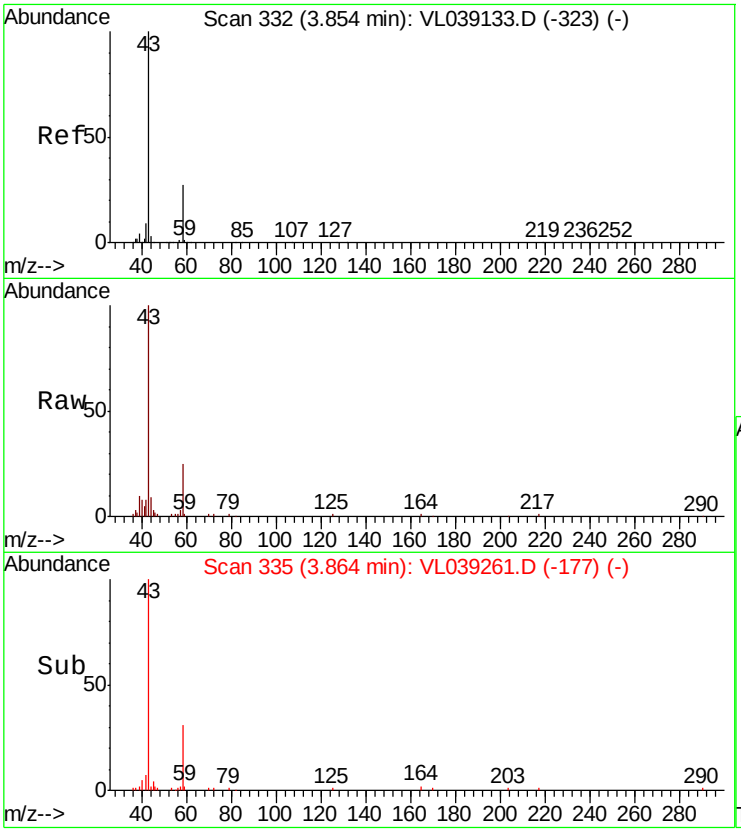


#13
Ethanol
Concen: 13.982 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 45 Resp: 57070

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0



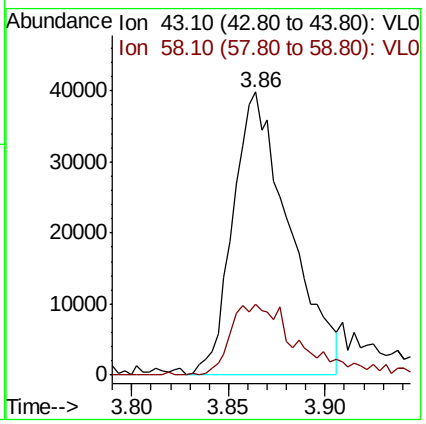


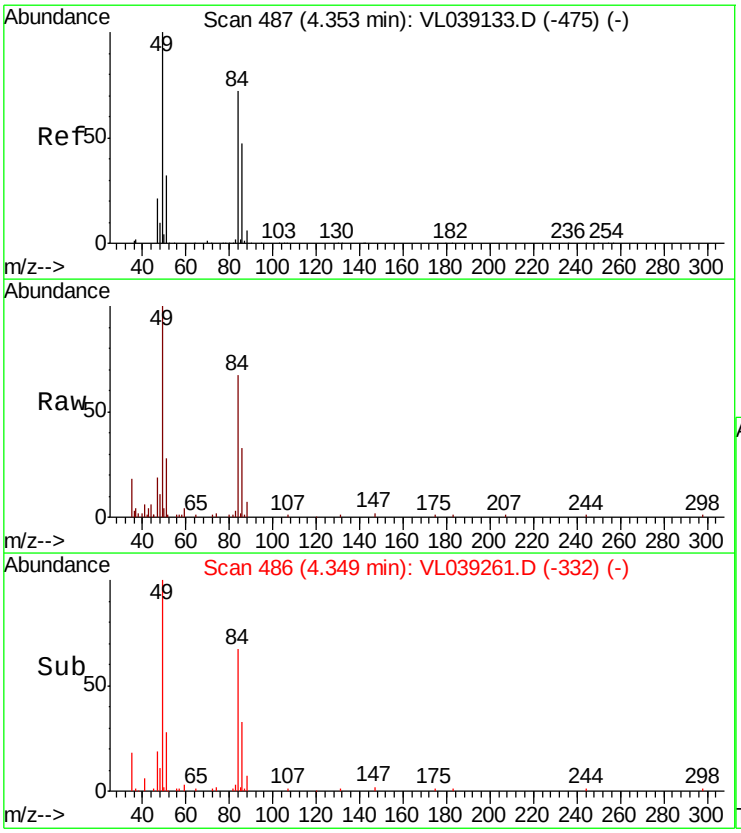
#15
Acetone
Concen: 0.576 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 43 Resp: 80914

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.5	33.7

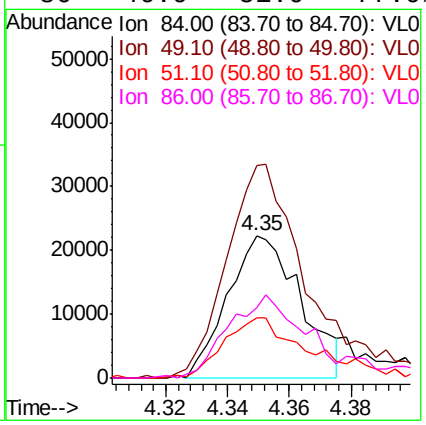


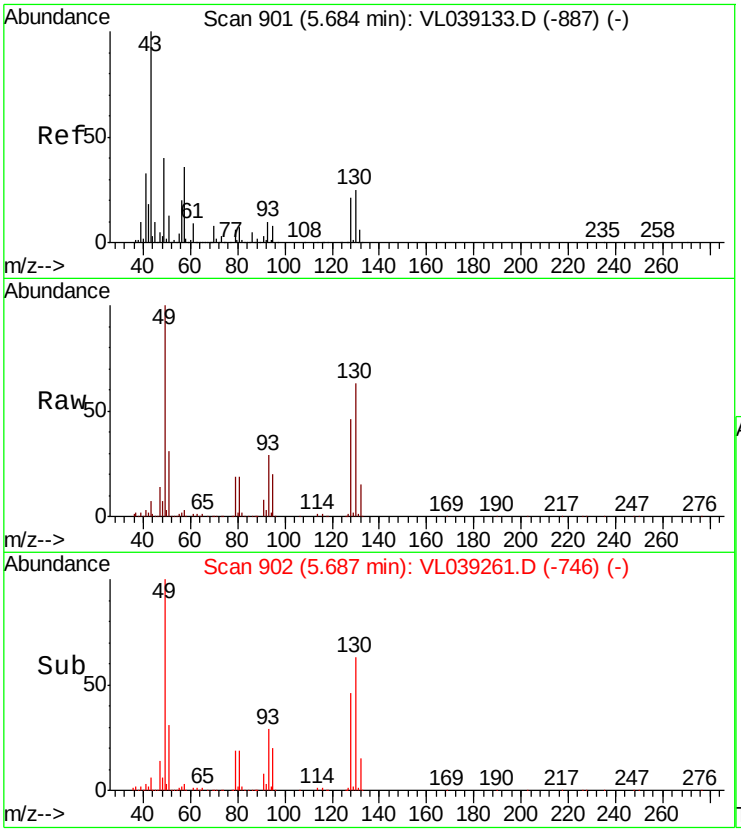


#20
Methylene Chloride
Concen: 0.616 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 84 Resp: 36469

Ion	Ratio	Lower	Upper
84	100		
49	143.5	111.1	166.7
51	42.5	35.3	52.9
86	46.9	51.9	77.9#



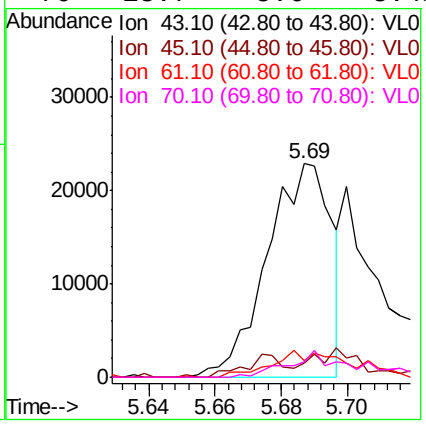


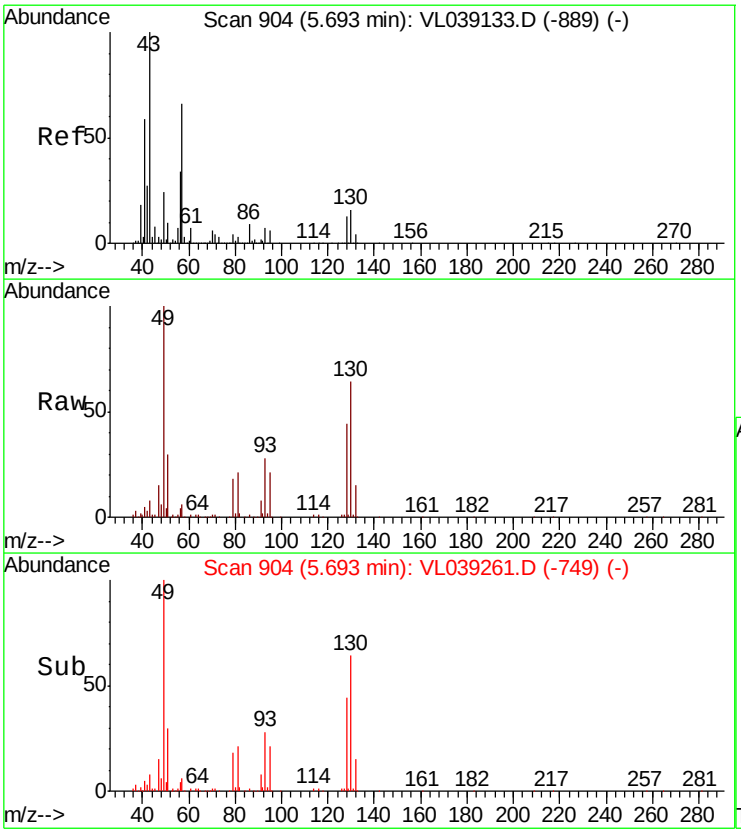
#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 43 Resp: 30913

Ion	Ratio	Lower	Upper
43	100		
45	6.5	8.2	12.2#
61	18.1	8.4	12.6#
70	13.7	5.6	8.4#

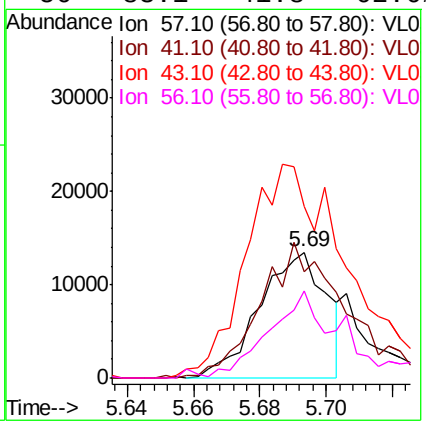


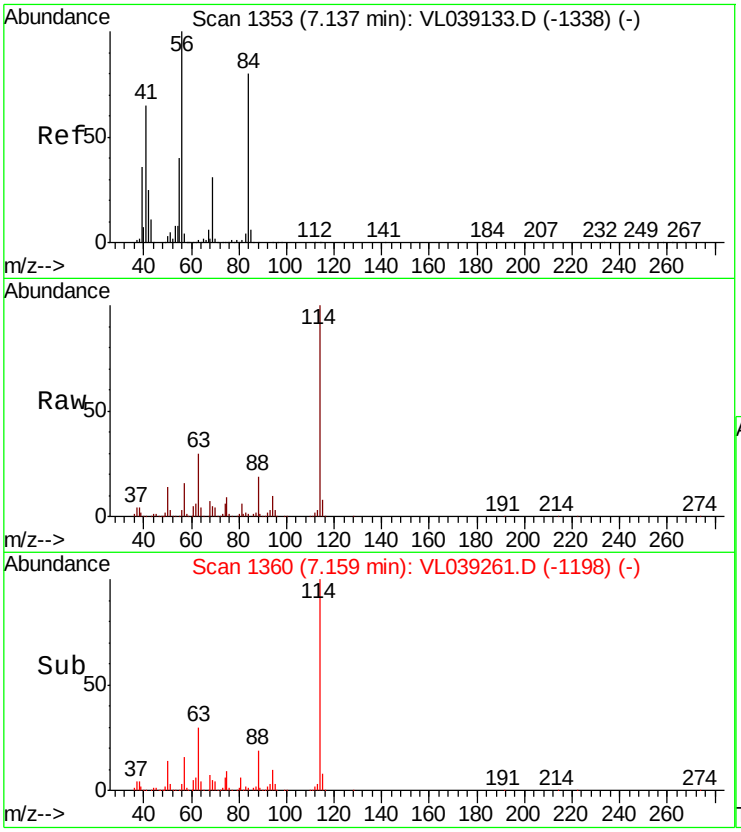


#26
Hexane
Concen: 0.136 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 57 Resp: 18898

Ion	Ratio	Lower	Upper
57	100		
41	141.7	72.4	108.6#
43	289.2	187.0	280.6#
56	83.1	41.8	62.6#



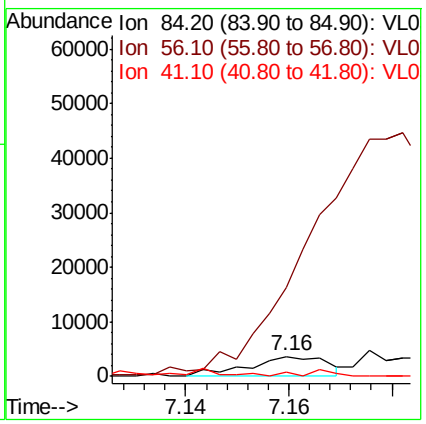


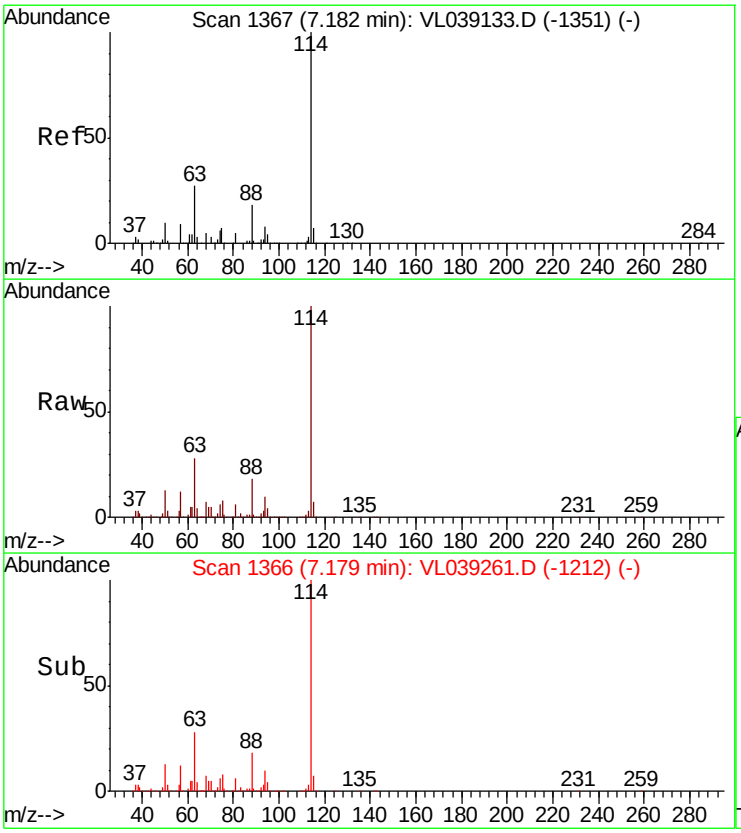
#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 84 Resp: 3873

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	43.7	68.9	103.3#

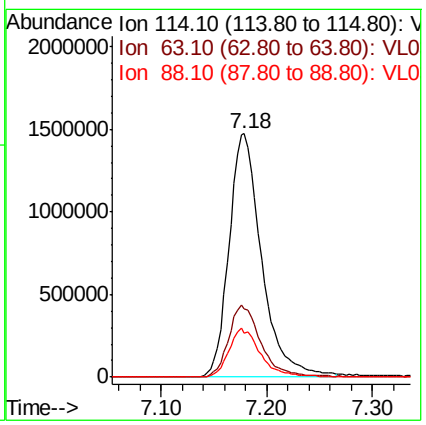


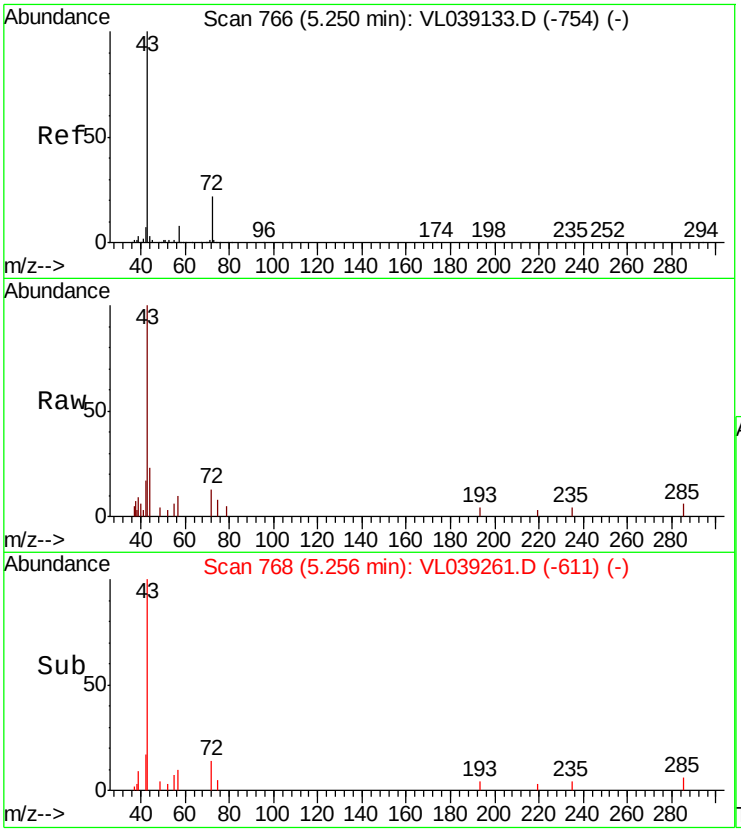


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion:114 Resp: 3150876

Ion	Ratio	Lower	Upper
114	100		
63	29.5	21.7	32.5
88	19.8	14.8	22.2



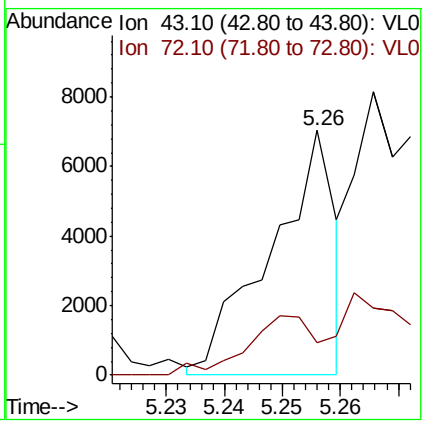


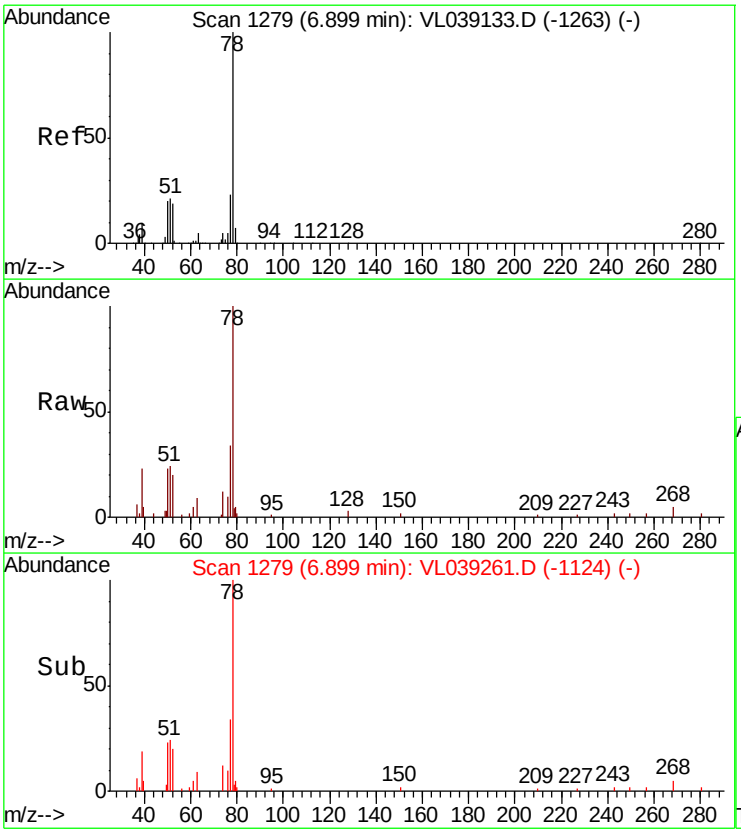
#34
2-Butanone
Concen: 0.032 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 43 Resp: 5419

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

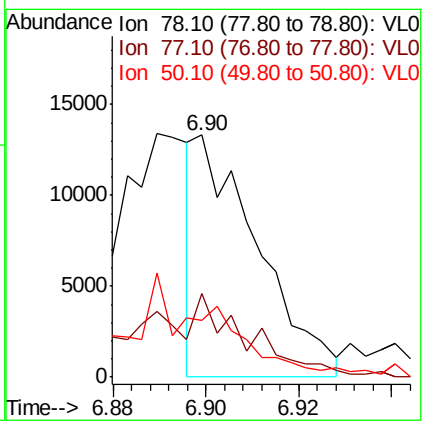


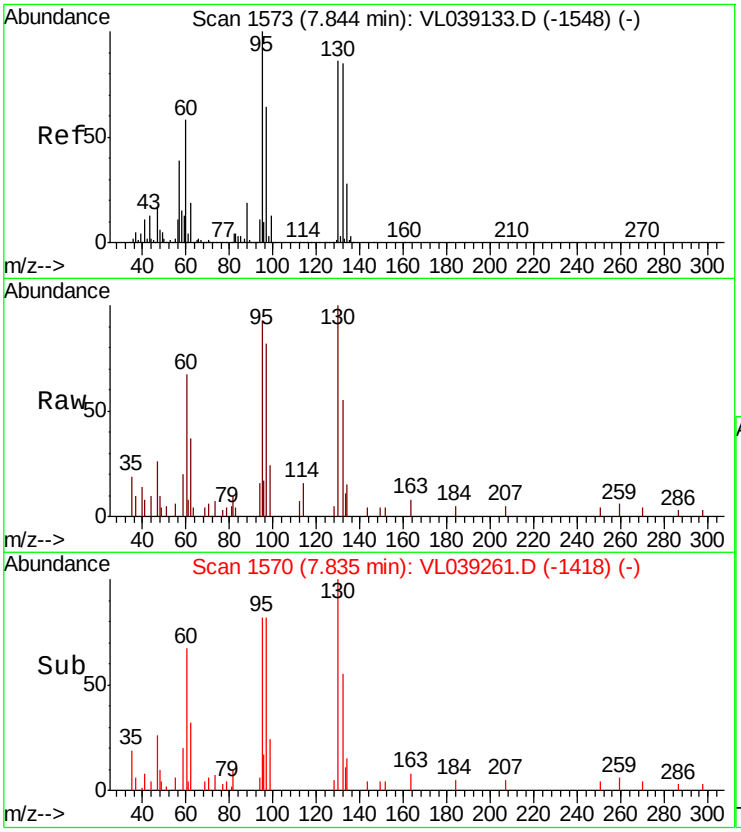


#36
Benzene
Concen: 0.048 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 78 Resp: 12365

Ion	Ratio	Lower	Upper
78	100		
77	34.5	18.6	27.8#
50	21.3	15.8	23.8



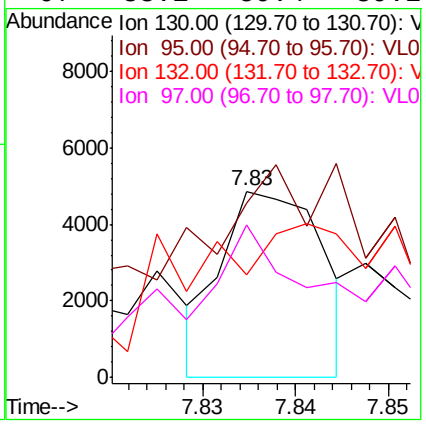


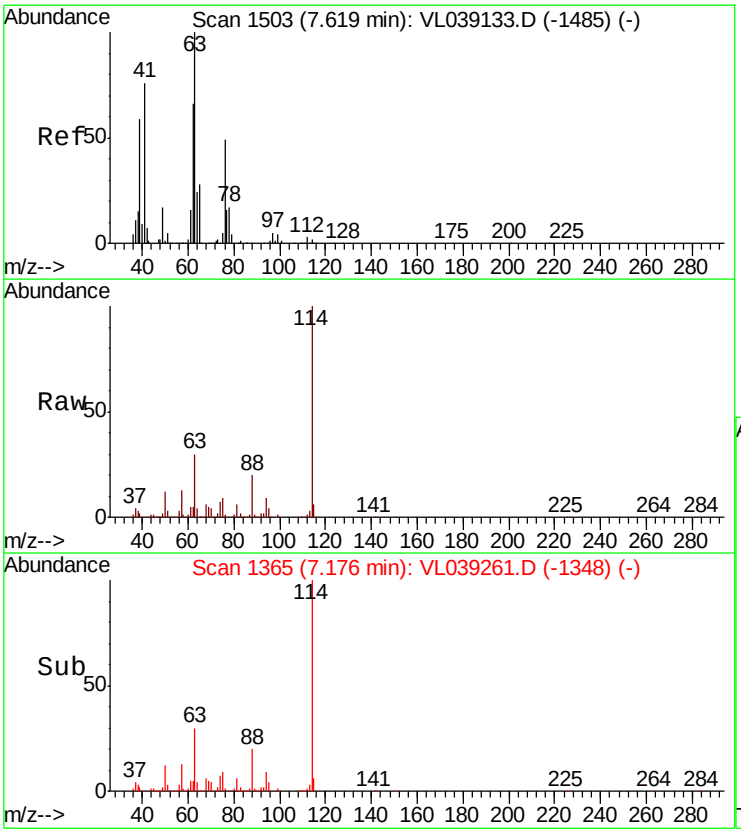
#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion:130 Resp: 3691

Ion	Ratio	Lower	Upper
130	100		
95	2.9	93.3	139.9#
132	15.1	79.0	118.4#
97	83.1	59.4	89.2

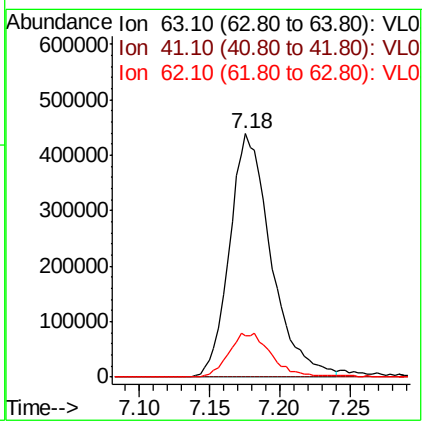


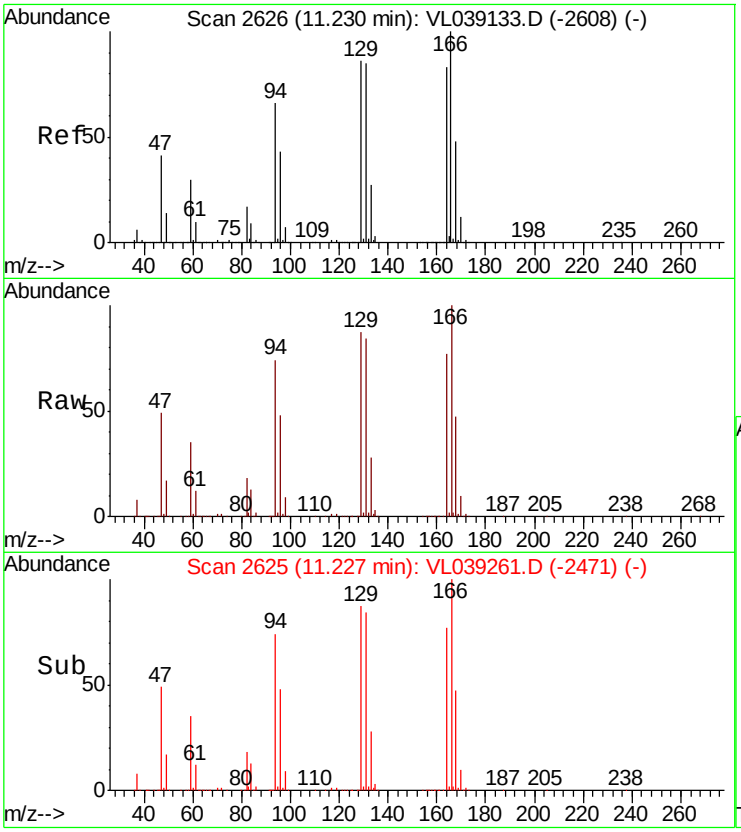


#39
1,2-Dichloropropane
Concen: 8.895 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion: 63 Resp: 905101

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.1	52.9	79.3#



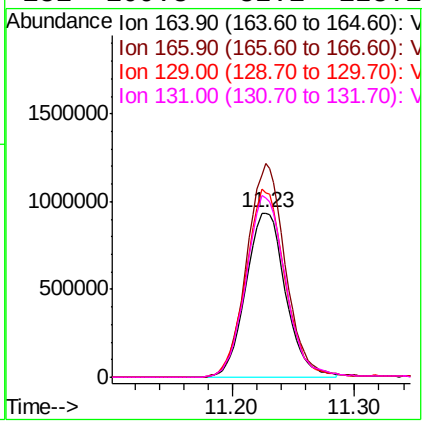


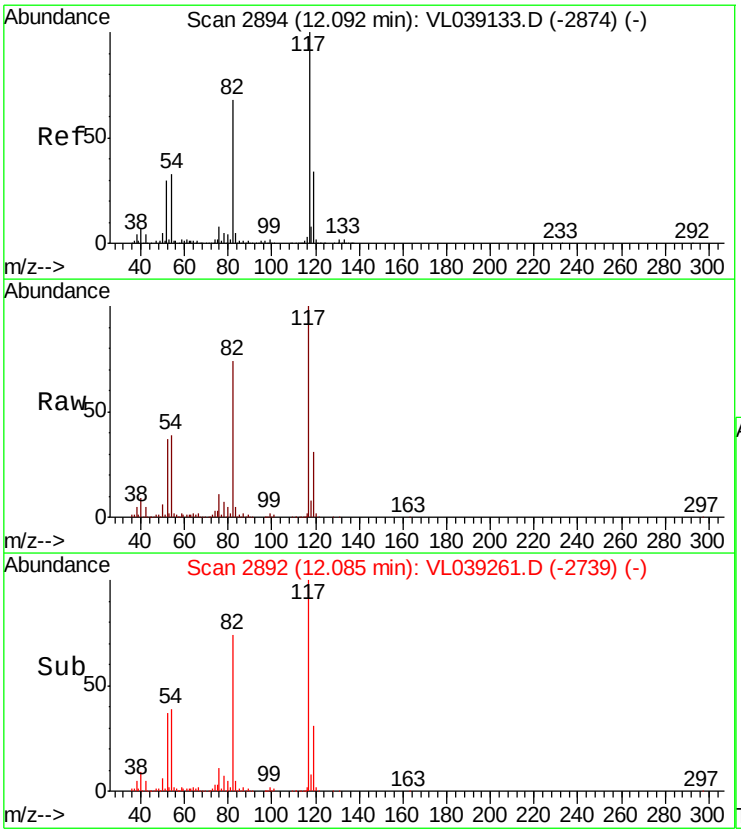
#52
Tetrachloroethene
Concen: 20.957 ppbv
RT: 11.23
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion:164 Resp: 2093119

Ion	Ratio	Lower	Upper
164	100		
166	130.0	96.3	144.5
129	112.5	82.5	123.7
131	109.3	82.1	123.1

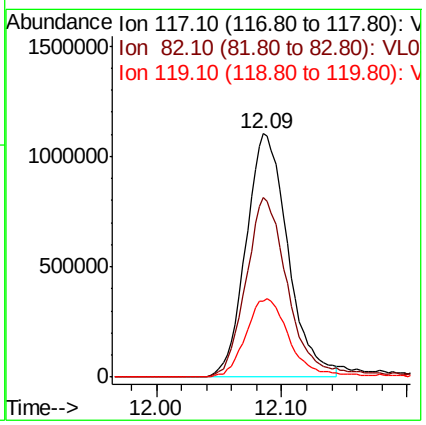


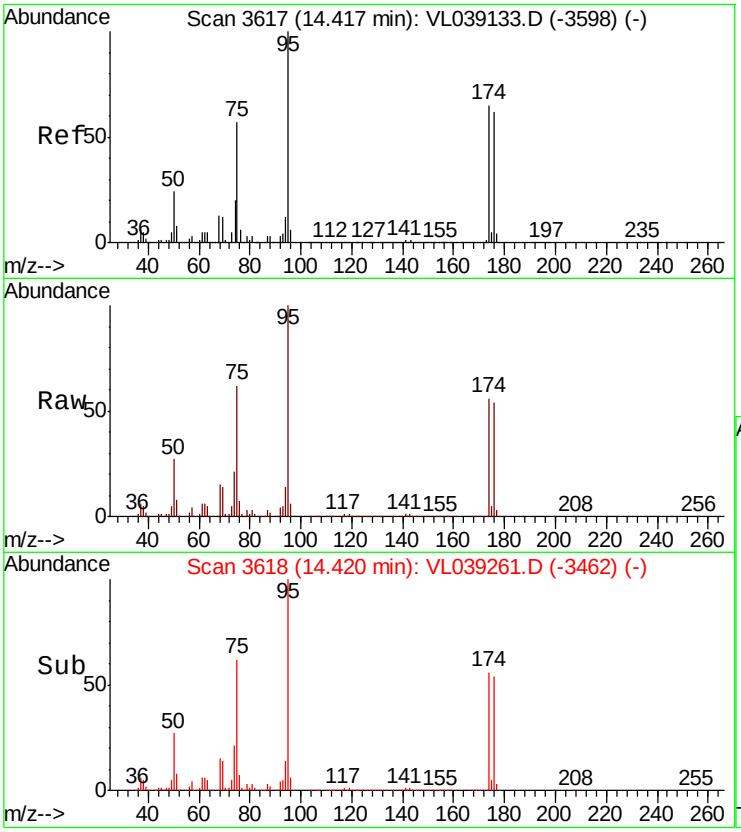


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Tgt Ion:117 Resp: 2560791

Ion	Ratio	Lower	Upper
117	100		
82	75.0	55.1	82.7
119	34.4	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.477 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 13 Jun 2022 21:18

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 95 Resp: 2218101

Ion	Ratio	Lower	Upper
95	100		
174	61.0	53.8	80.8
175	4.1	4.1	6.1