Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037719.D
Acq On : 29 Sep 2021 1:40
Operator : SY/AP
Sample : M3948-06DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:43:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1322234	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.18	114	3950336	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.09	117	3346587	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2414485	9.98	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%				
Target Compounds							Qvalue
9) Propene	3.02	41	61109	0.695	ppbv		84
10) Heptane	8.13	43	9056	0.044	ppbv	#	1
13) Ethanol	3.64	45	20136	2.340	ppbv		99
15) Acetone	3.86	43	2163274	15.747	ppbv		99
16) 1,3-Butadiene	3.32	39	103051	1.200	ppbv	#	19
20) Methylene Chloride	4.35	84	15476	0.236	ppbv		91
25) Ethyl Acetate	5.69	43	34199	0.103	ppbv	#	81
26) Hexane	5.69	57	78492	0.497	ppbv	#	44
34) 2-Butanone	5.26	43	157787	0.983	ppbv	#	83
38) Trichloroethene	7.84	130	54134	0.393	ppbv		93
39) 1,2-Dichloropropane	7.18	63	930395	7.374	ppbv	#	27
41) Tetrahydrofuran	6.05	42	2414	0.032	ppbv	#	66
51) 2-Hexanone	10.14	43	4664	0.052	ppbv	#	29
52) Tetrachloroethene	11.23	164	562617	4.449	ppbv		98
53) Toluene	9.81	91	36549	0.100	ppbv		89
58) Ethyl Benzene	12.71	91	13560	0.031	ppbv		93
60) o-Xylene	13.69	91	28848	0.078	ppbv	#	65
72) 4-Ethyltoluene	15.84	105	18171	0.043	ppbv	#	85

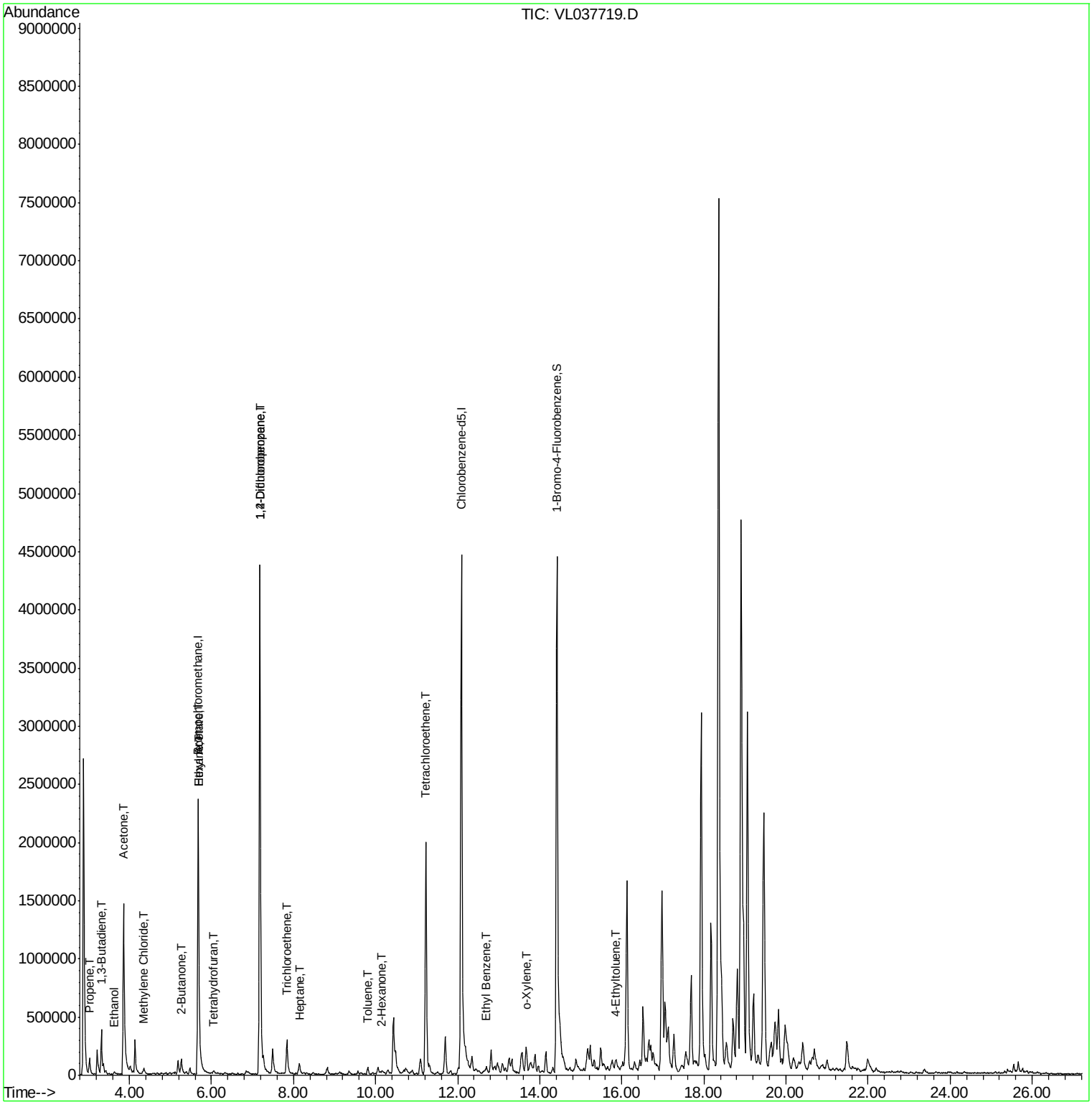
(#) = qualifier out of range (m) = manual integration (+) = signals summed

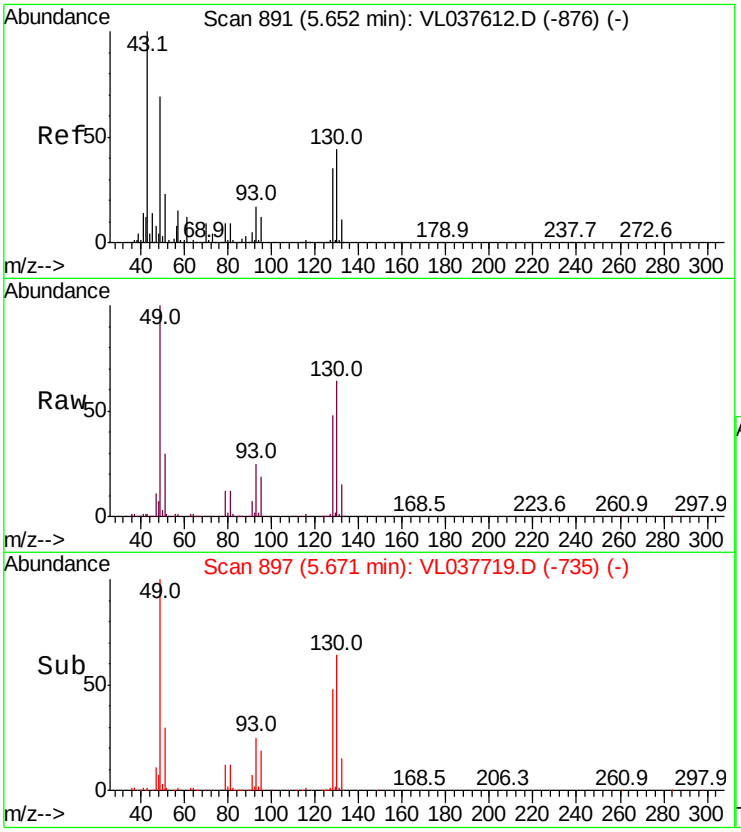
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037719.D
Acq On : 29 Sep 2021 1:40
Operator : SY/AP
Sample : M3948-06DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:43:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration



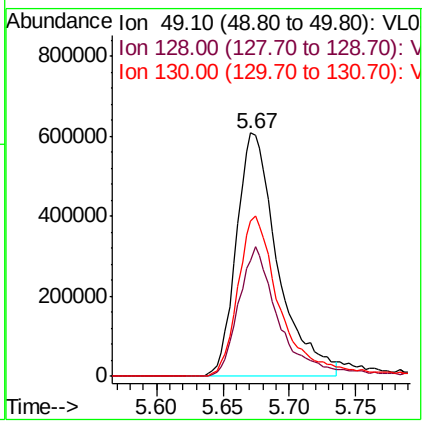


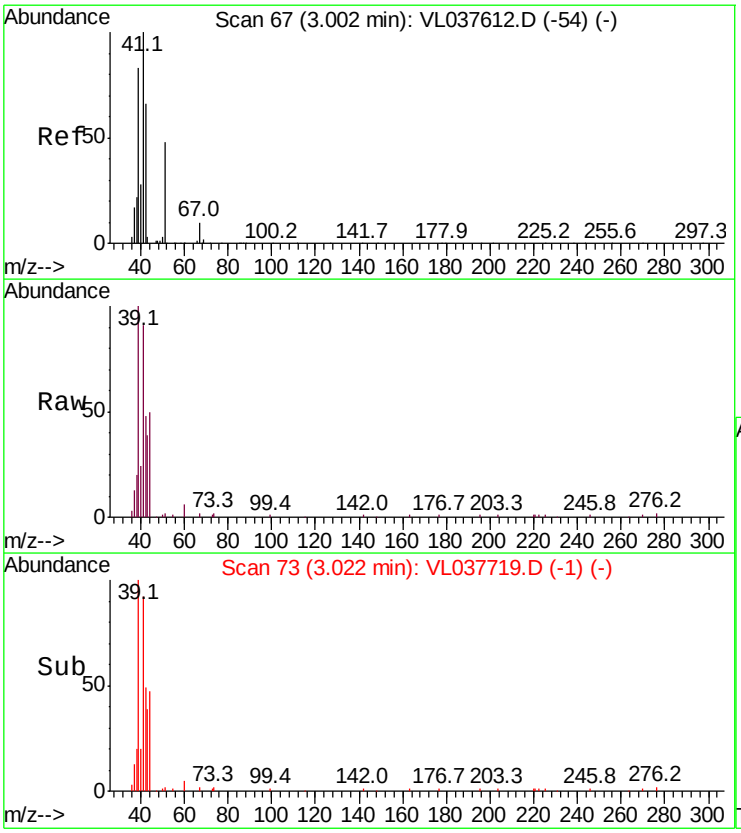
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1322234

Ion	Ratio	Lower	Upper
49	100		
128	54.2	27.9	83.6
130	69.1	33.9	101.7

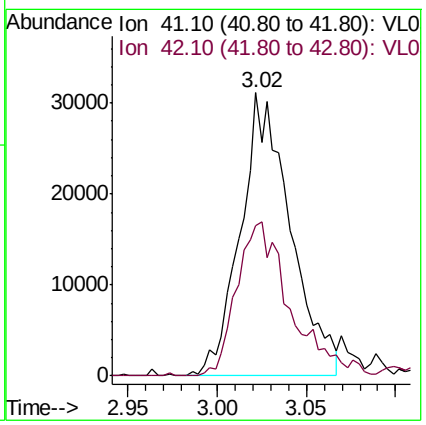


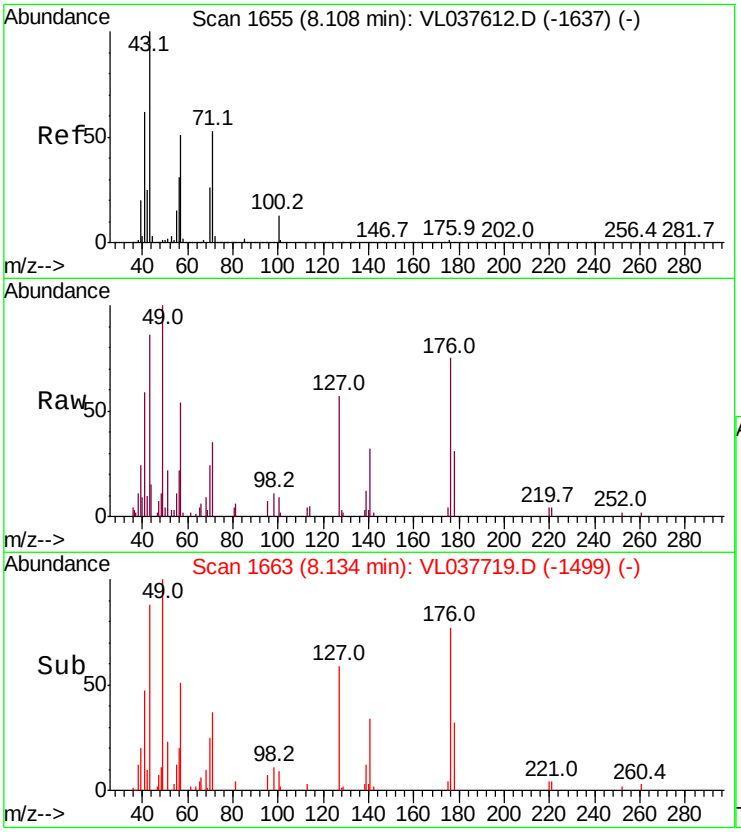


#9
Propene
Concen: 0.695 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 41 Resp: 61109

Ion	Ratio	Lower	Upper
41	100		
42	58.0	57.2	85.8



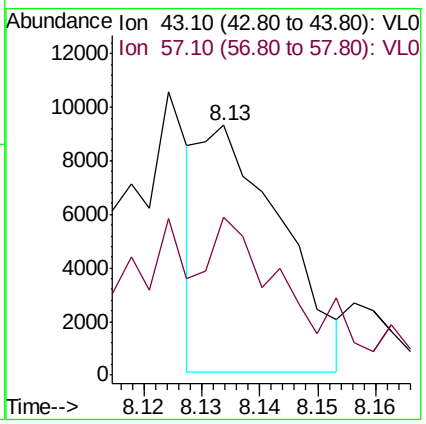


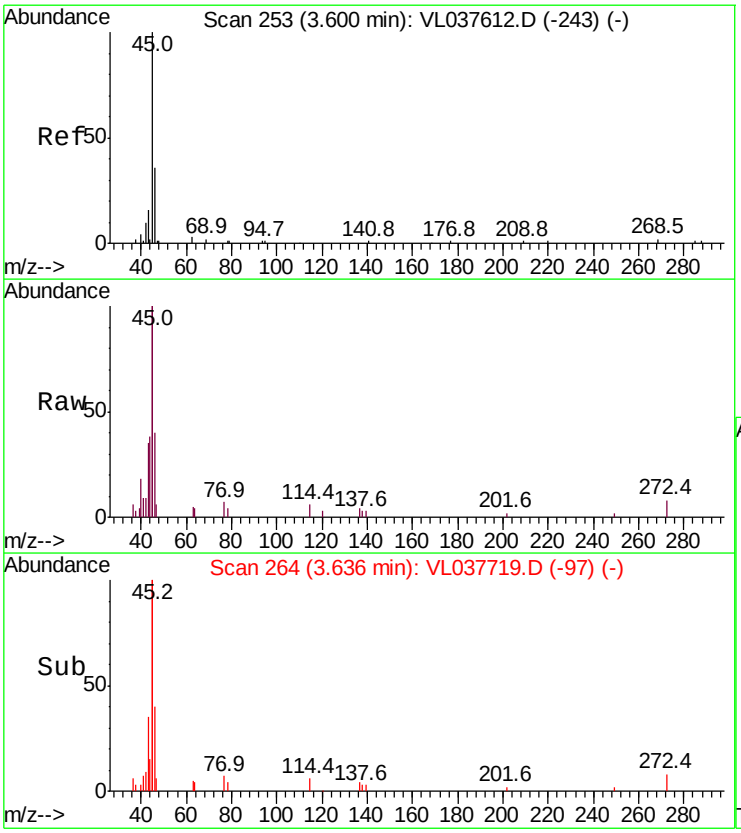
#10
Heptane
Concen: 0.044 ppbv
RT: 8.13
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 9056

Ion	Ratio	Lower	Upper
43	100		
57	151.1	40.1	60.1#

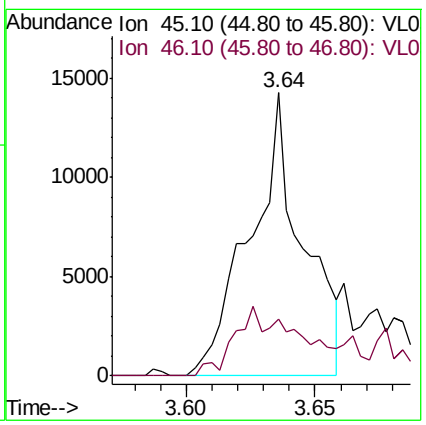


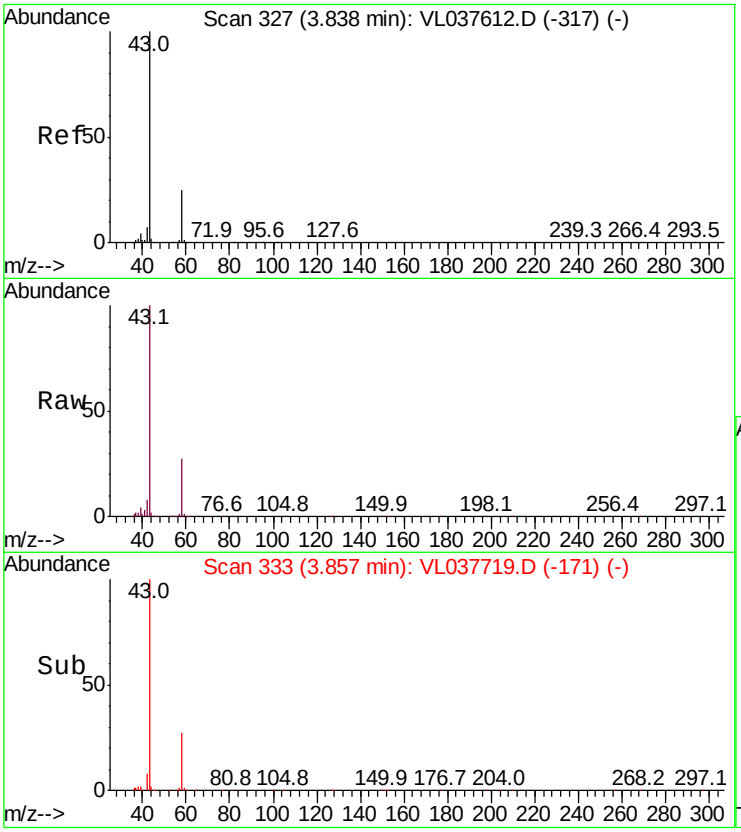


#13
Ethanol
Concen: 2.340 ppbv
RT: 3.64 min Scan# 264
Delta R.T. 0.04 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 45 Resp: 20136

Ion	Ratio	Lower	Upper
45	100		
46	43.6	17.2	68.8



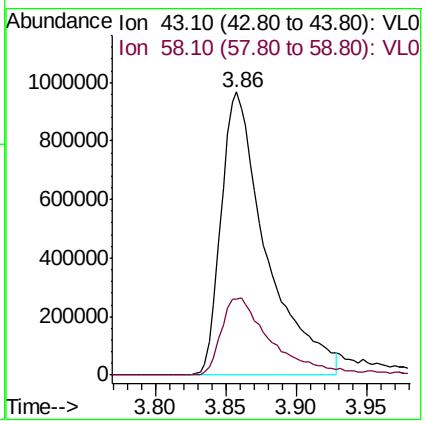


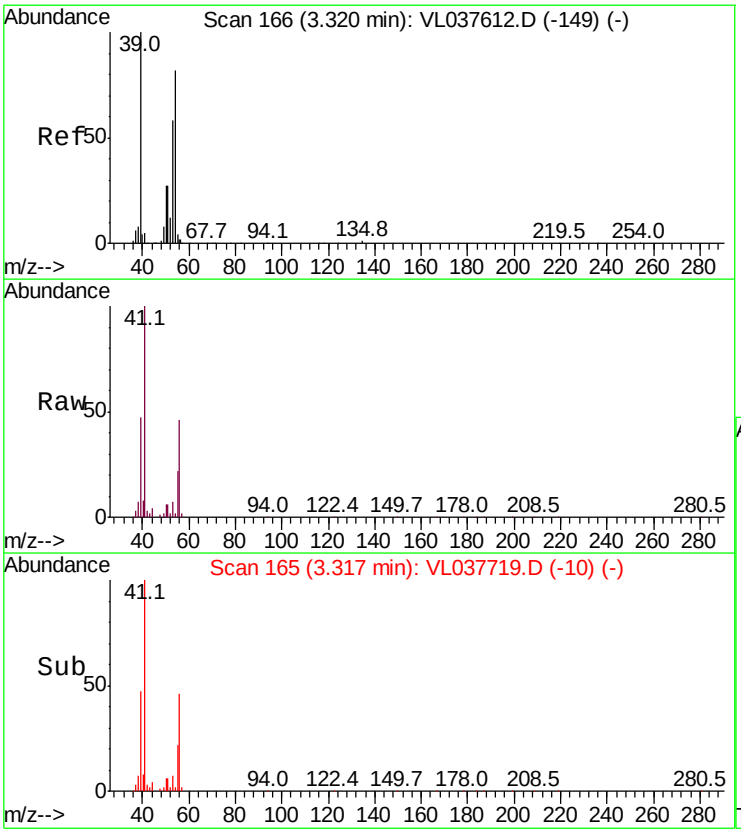
#15
Acetone
Concen: 15.747 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2163274

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.9	37.3

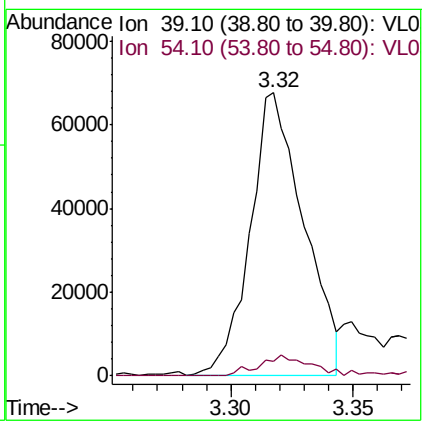


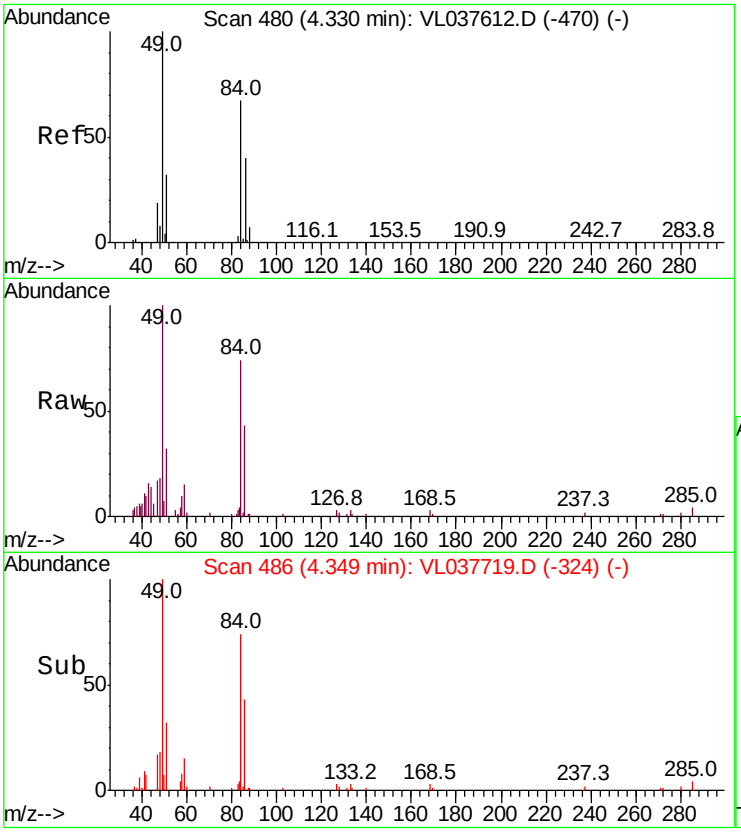


#16
1,3-Butadiene
Concen: 1.200 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.00 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 39 Resp: 103051

Ion	Ratio	Lower	Upper
39	100		
54	8.0	62.6	93.8#



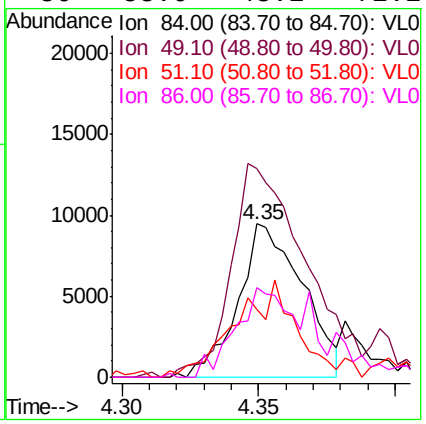


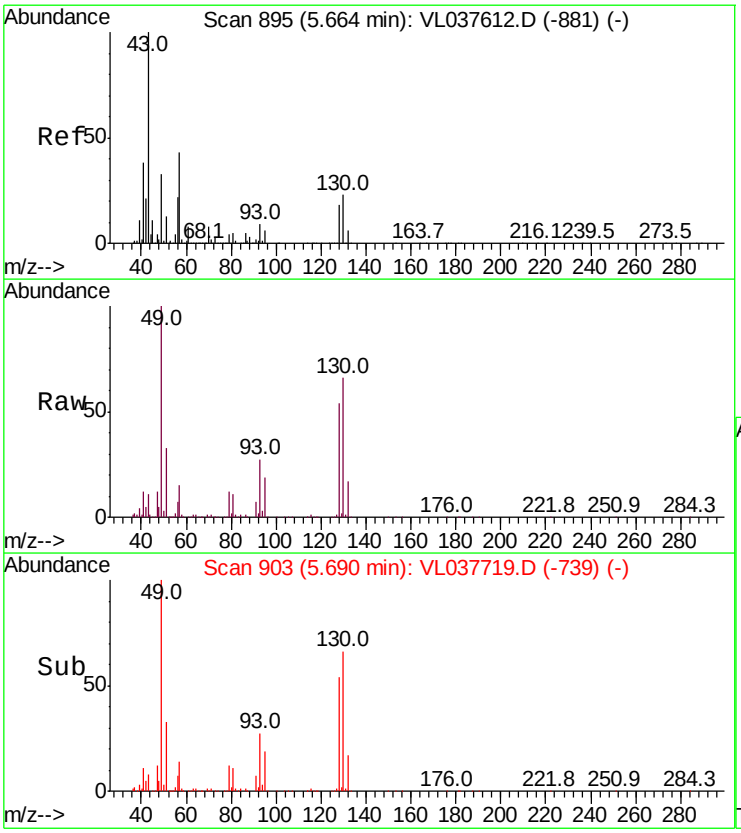
#20
Methylene Chloride
Concen: 0.236 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 15476

Ion	Ratio	Lower	Upper
84	100		
49	137.3	120.0	180.0
51	38.5	38.0	57.0
86	58.0	48.2	72.2

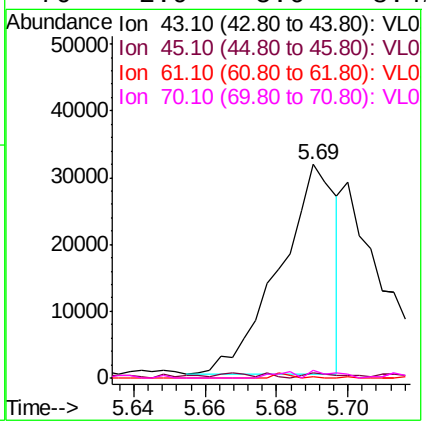


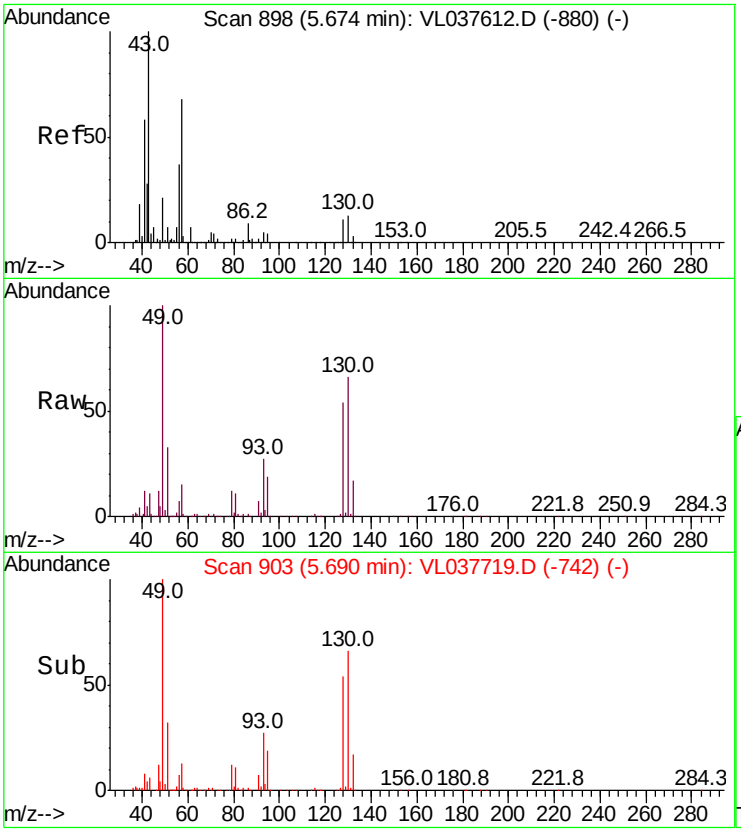


#25
Ethyl Acetate
Concen: 0.103 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.03 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 43 Resp: 34199

Ion	Ratio	Lower	Upper
43	100		
45	2.8	8.0	12.0#
61	0.9	7.5	11.3#
70	2.9	5.6	8.4#



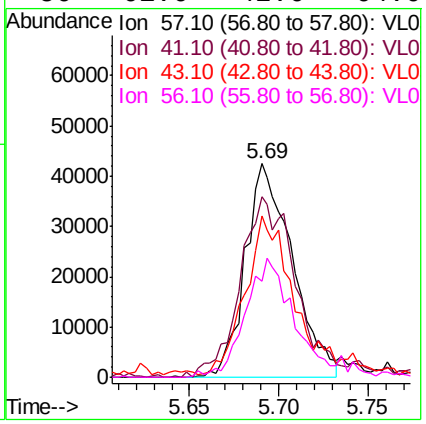


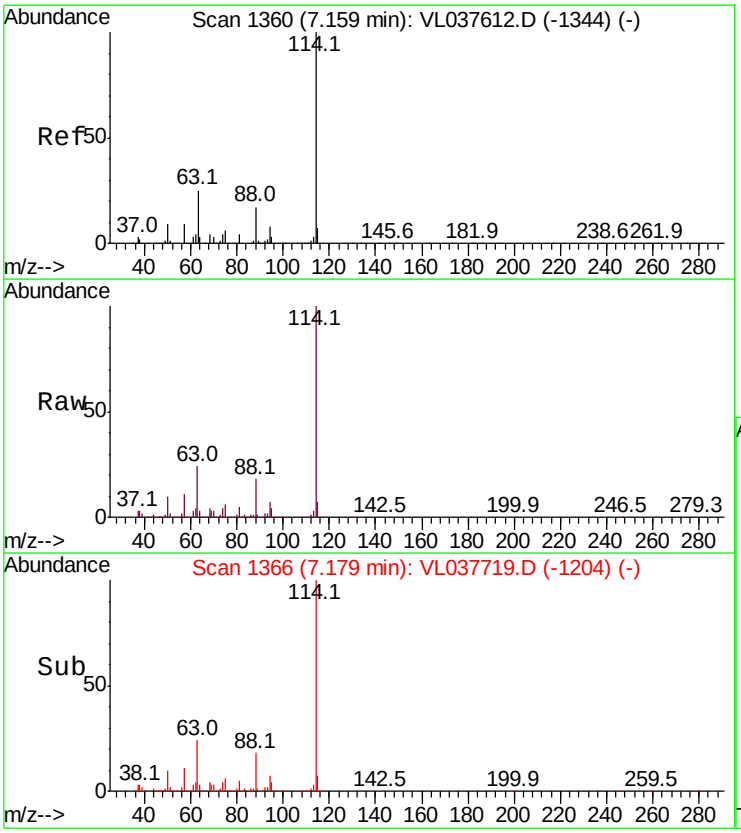
#26
Hexane
Concen: 0.497 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 78492

Ion	Ratio	Lower	Upper
57	100		
41	106.4	70.9	106.3#
43	82.2	170.4	255.6#
56	61.6	42.6	64.0

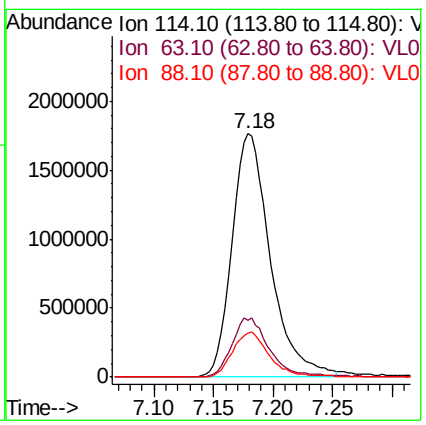


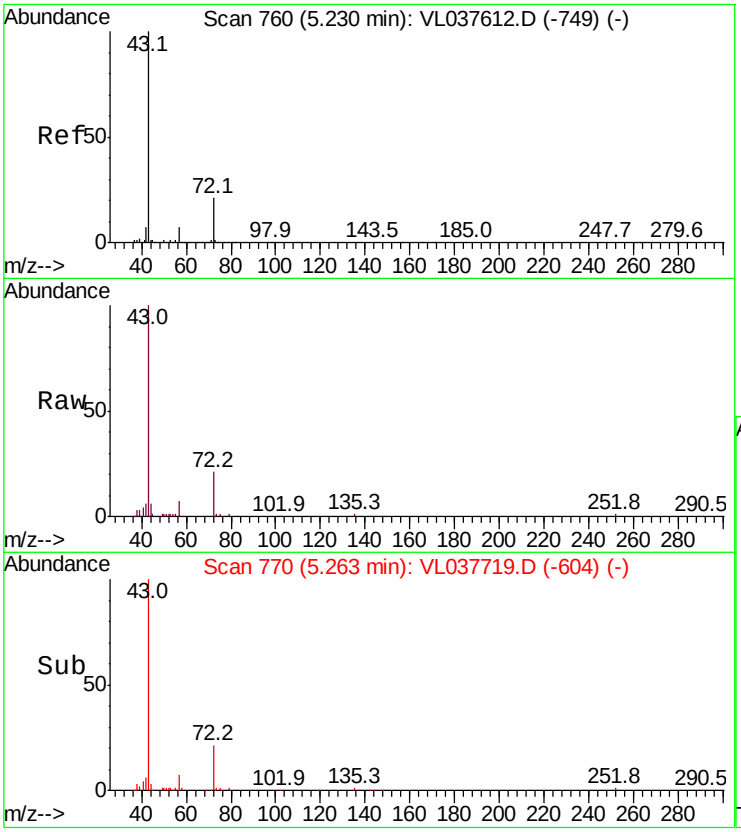


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion:114 Resp: 3950336

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	18.2	14.2	21.4



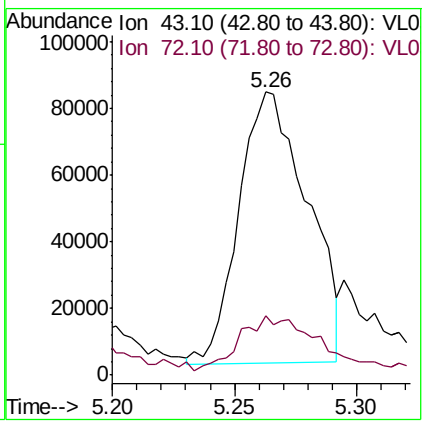


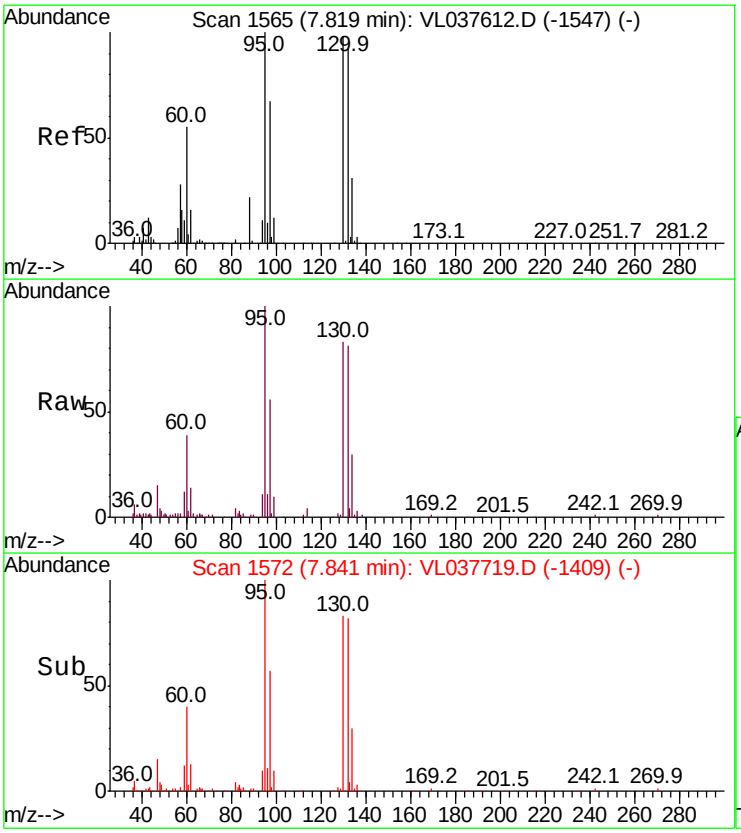
#34
2-Butanone
Concen: 0.983 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 157787

Ion	Ratio	Lower	Upper
43	100		
72	31.0	18.4	27.6#

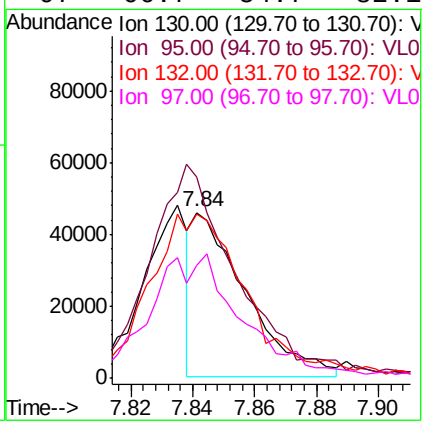


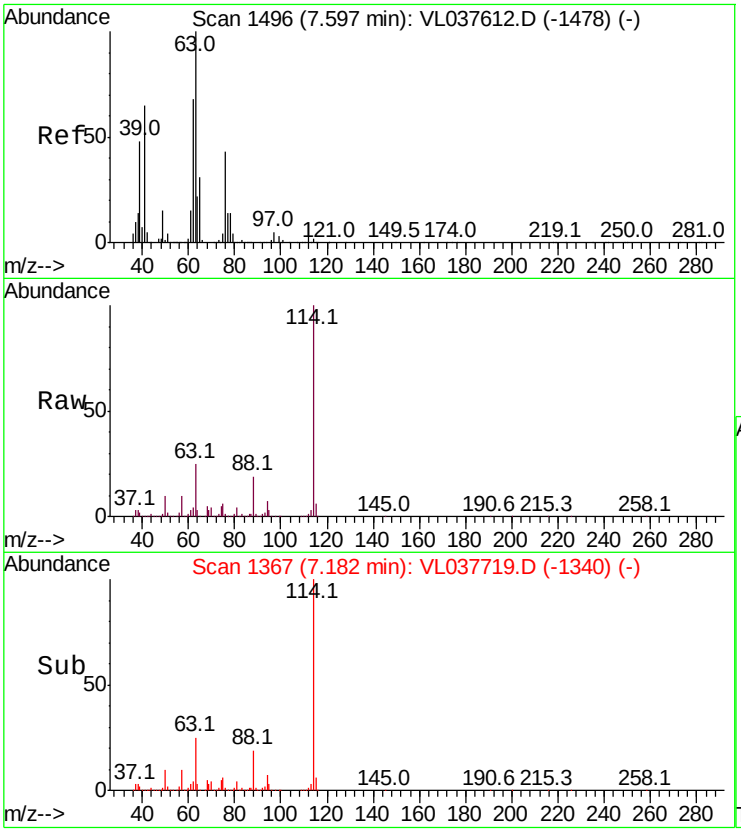


#38
Trichloroethene
Concen: 0.393 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion:130 Resp: 54134

Ion	Ratio	Lower	Upper
130	100		
95	117.5	81.8	122.6
132	95.8	75.3	112.9
97	66.7	54.7	82.1



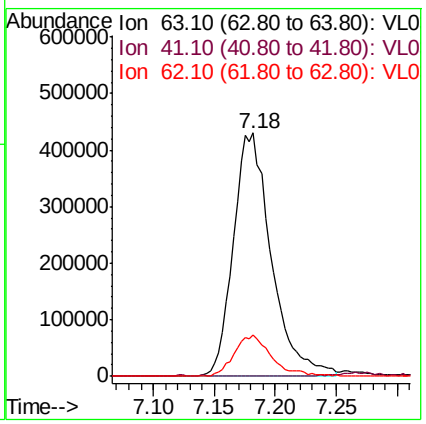


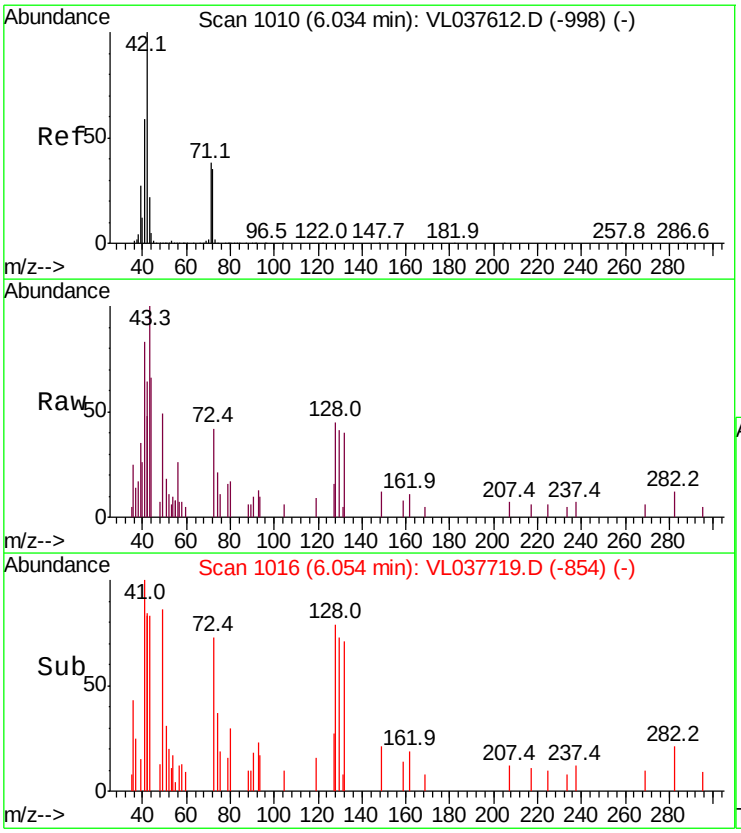
#39
1,2-Dichloropropane
Concen: 7.374 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 930395

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	16.8	54.6	81.8#

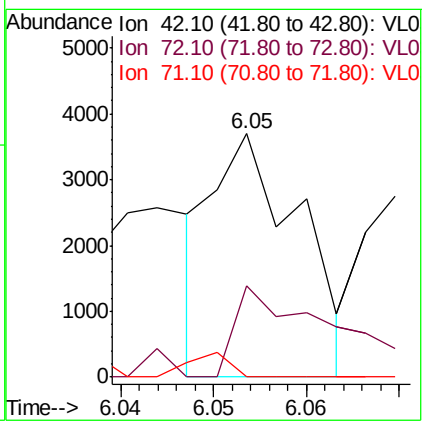


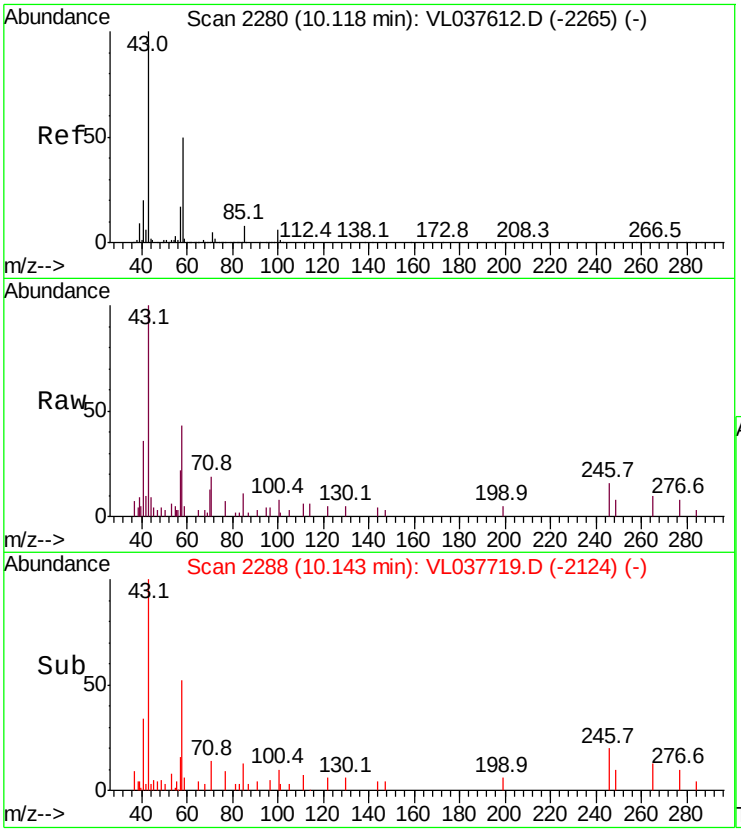


#41
Tetrahydrofuran
Concen: 0.032 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 42 Resp: 2414

Ion	Ratio	Lower	Upper
42	100		
72	42.9	31.4	47.2
71	0.0	30.6	46.0#



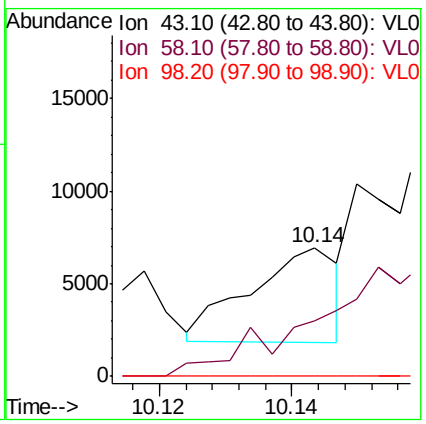


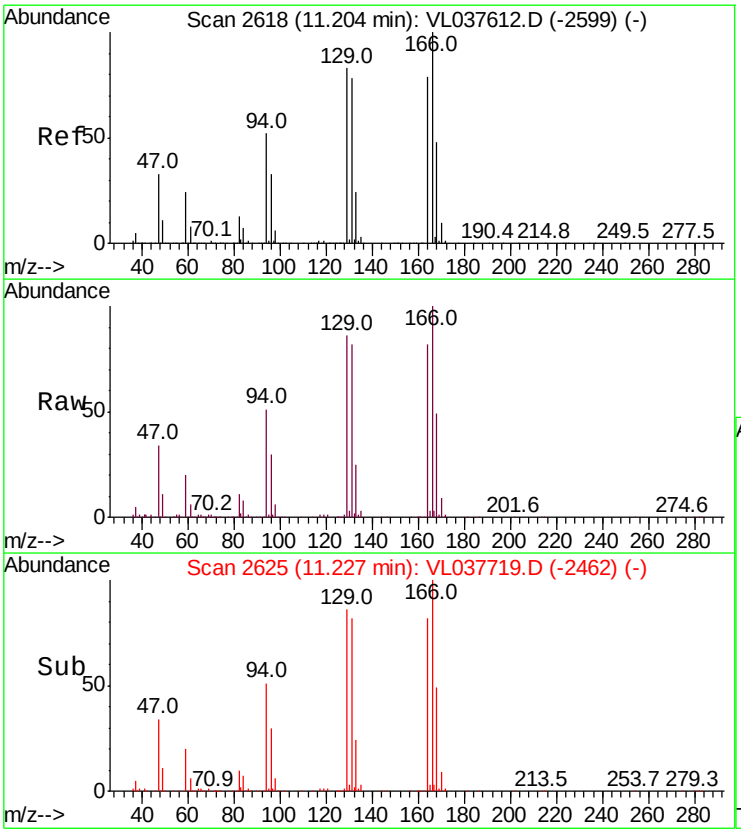
#51
2-Hexanone
Concen: 0.052 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4664

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.3	58.9#
98	0.0	0.4	0.6#

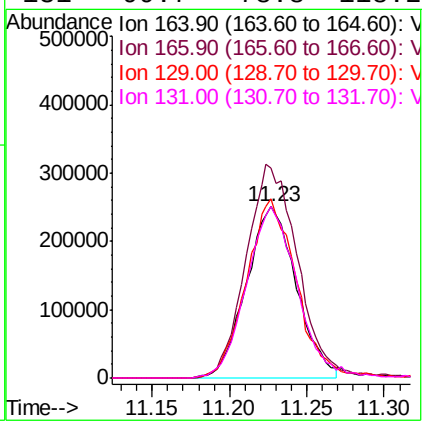


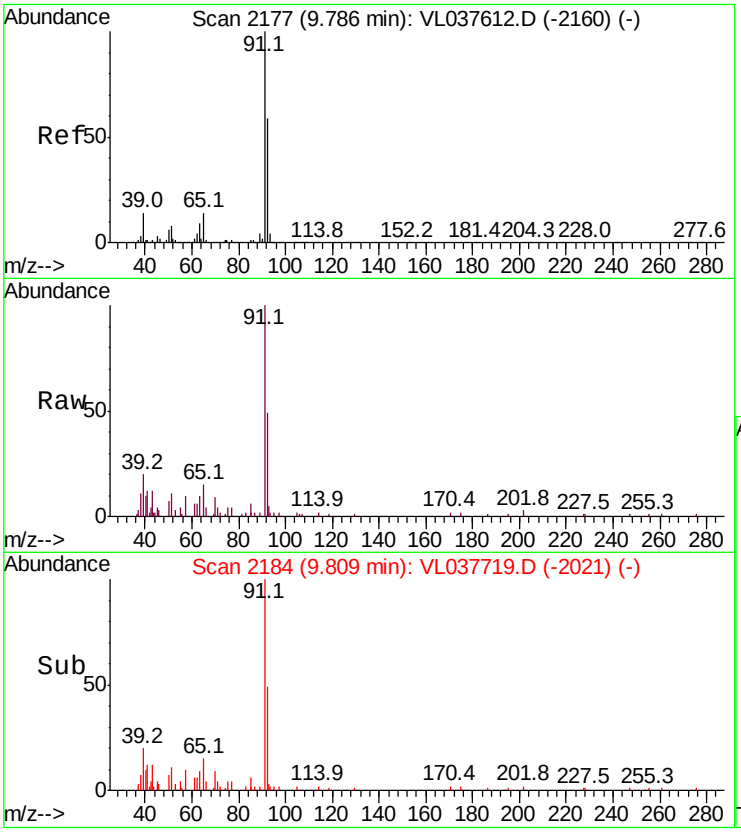


#52
Tetrachloroethene
Concen: 4.449 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion:164 Resp: 562617

Ion	Ratio	Lower	Upper
164	100		
166	122.2	101.2	151.8
129	105.0	84.0	126.0
131	99.7	78.8	118.2



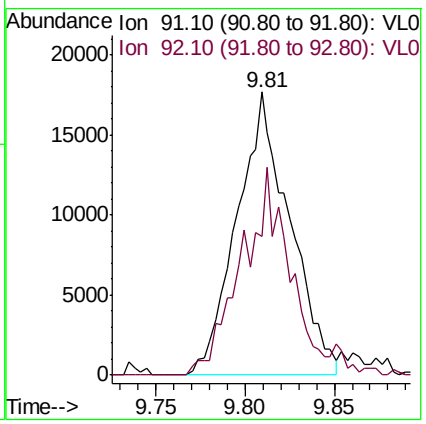


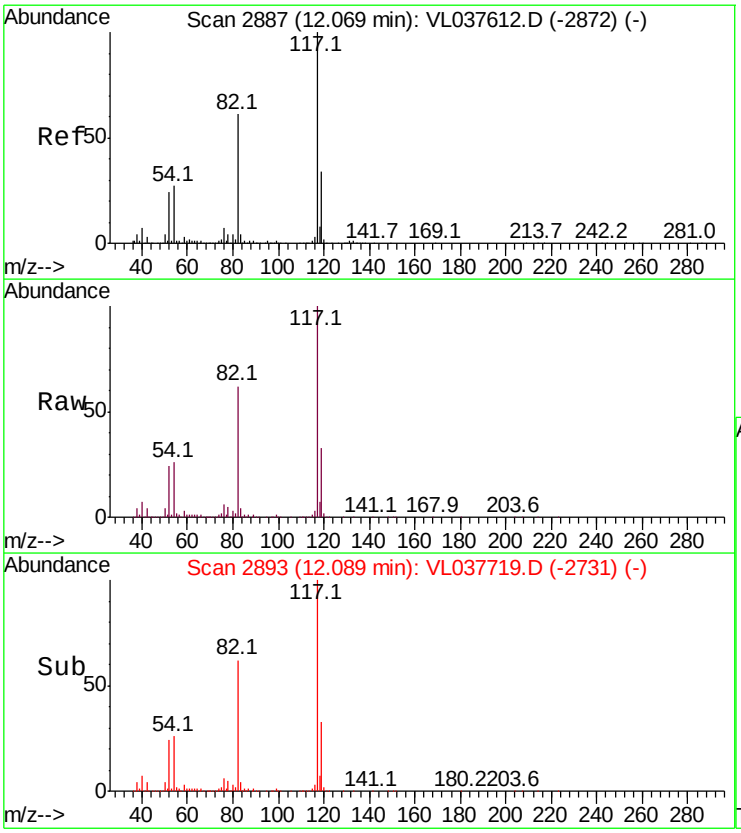
#53
Toluene
Concen: 0.100 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 36549

Ion	Ratio	Lower	Upper
91	100		
92	69.5	48.9	73.3

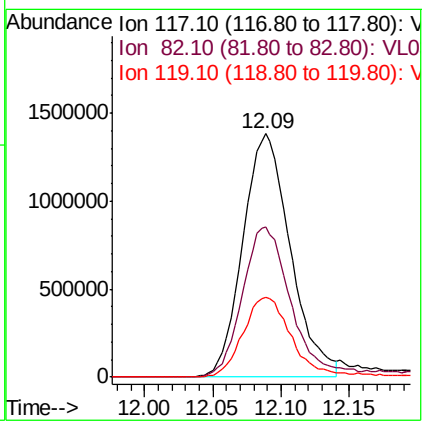


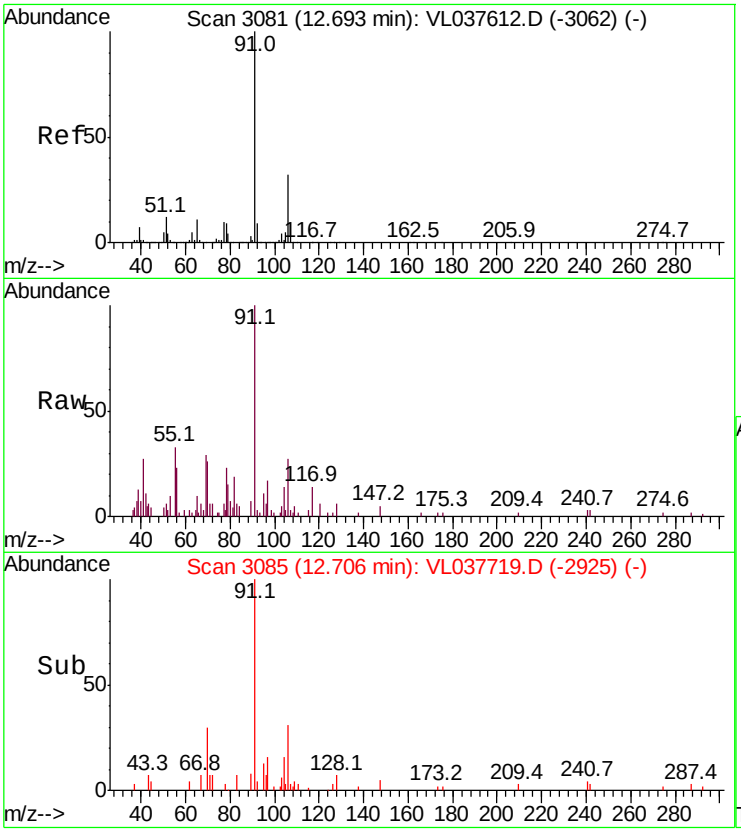


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion:117 Resp: 3346587

Ion	Ratio	Lower	Upper
117	100		
82	67.2	50.6	75.8
119	35.0	26.2	39.2



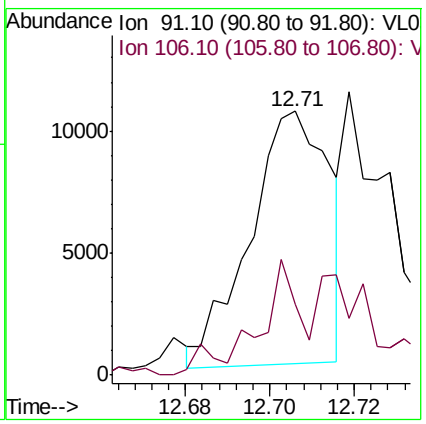


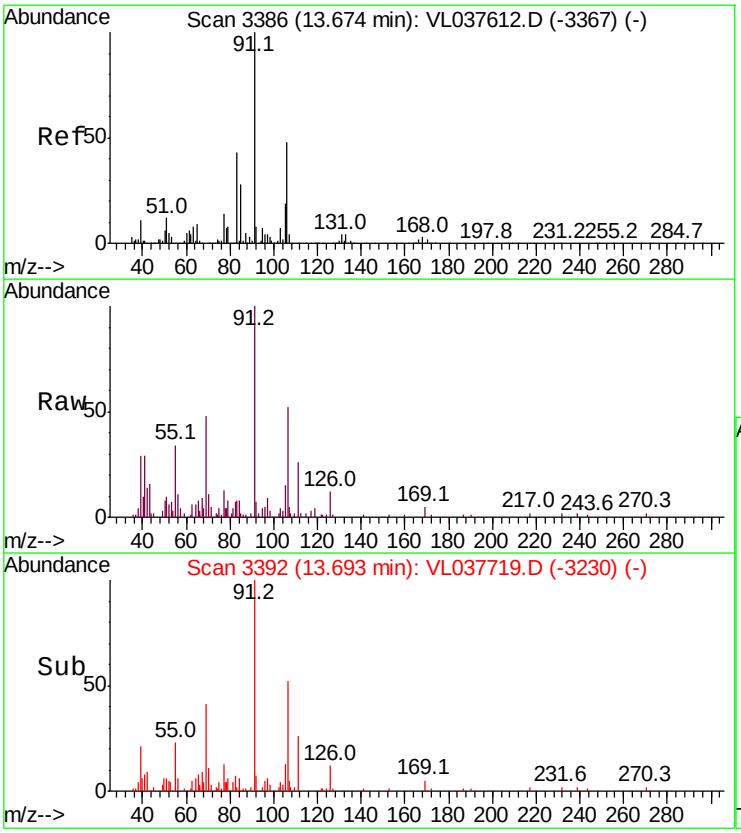
#58
Ethyl Benzene
Concen: 0.031 ppbv
RT: 12.71
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 13560

Ion	Ratio	Lower	Upper
91	100		
106	27.7	25.3	37.9

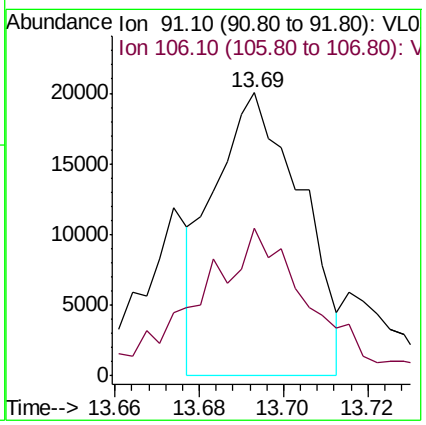


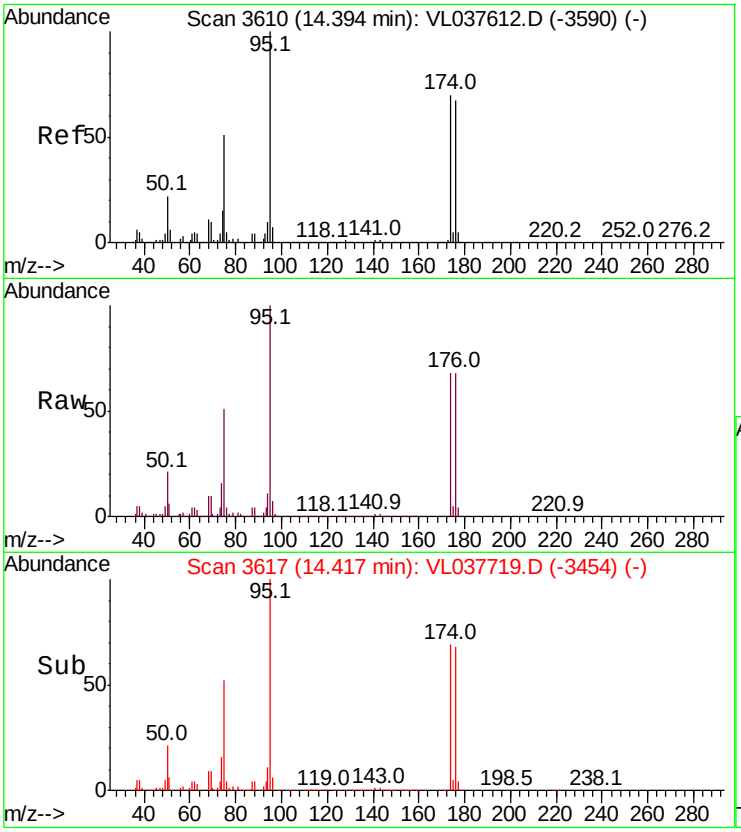


#60
o-Xylene
Concen: 0.078 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion: 91 Resp: 28848

Ion	Ratio	Lower	Upper
91	100		
106	69.3	23.0	69.0#



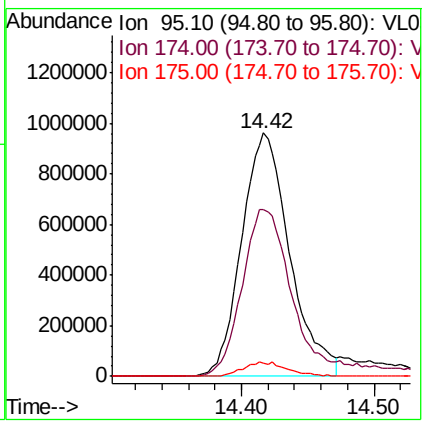


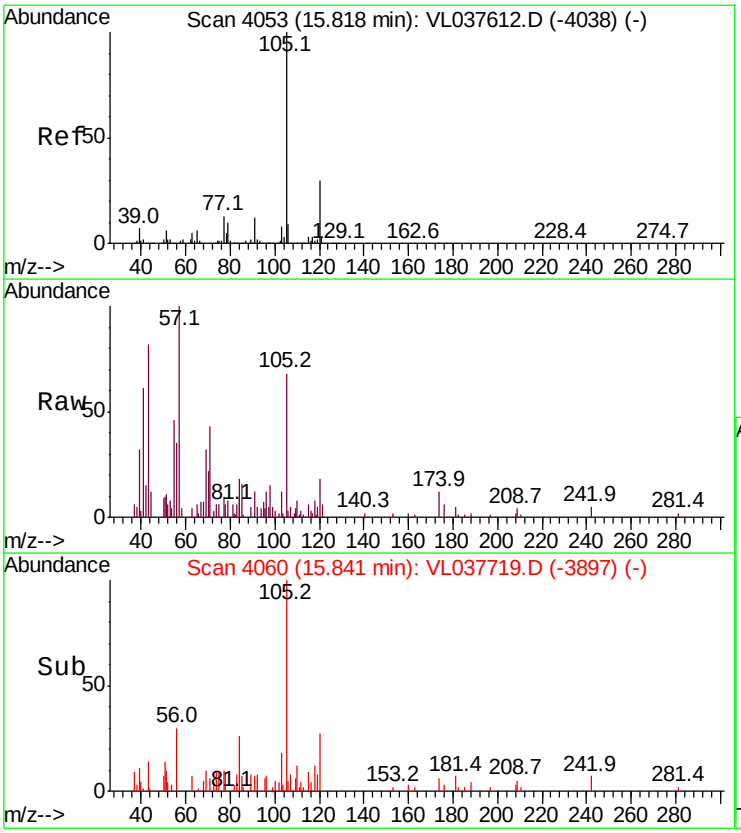
#68
1-Bromo-4-Fluorobenzene
Concen: 9.983 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 29 Sep 2021 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2414485

Ion	Ratio	Lower	Upper
95	100		
174	79.0	56.3	84.5
175	5.6	4.4	6.6





#72
4-Ethyltoluene
Concen: 0.043 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. 0.02 min
Lab File: VL037719.D
Acq: 29 Sep 2021 1:40

Tgt Ion:105 Resp: 18171

Ion	Ratio	Lower	Upper
105	100		
120	32.2	24.7	37.1
91	27.9	9.9	14.9#
77	21.2	10.5	15.7#