Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037720.D
Acq On : 29 Sep 2021 2:18
Operator : SY/AP
Sample : M3948-06DUPDL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:43:34 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	1314198	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3982006	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3368964	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2382692	9.79	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%			
Target Compounds						Qvalue
9) Propene	3.36	41	16340	0.187	ppbv	88
10) Heptane	8.13	43	11699	0.057	ppbv #	20
13) Ethanol	3.62	45	8459	0.989	ppbv #	53
15) Acetone	3.85	43	2074418	15.192	ppbv	97
16) 1,3-Butadiene	3.32	39	99809	1.170	ppbv #	20
17) tert-Butyl alcohol	4.32	59	7234	0.062	ppbv #	45
20) Methylene Chloride	4.34	84	4790	0.073	ppbv #	87
25) Ethyl Acetate	5.69	43	22336	0.068	ppbv #	84
26) Hexane	5.69	57	73091	0.465	ppbv #	45
34) 2-Butanone	5.27	43	159093	0.983	ppbv #	86
38) Trichloroethene	7.84	130	99646	0.718	ppbv	93
39) 1,2-Dichloropropane	7.18	63	905634	7.121	ppbv #	27
51) 2-Hexanone	10.15	43	11284	0.125	ppbv #	29
52) Tetrachloroethene	11.23	164	542768	4.258	ppbv	97
53) Toluene	9.81	91	18672	0.051	ppbv #	20
59) m/p-Xylene	13.00	91	12076	0.031	ppbv #	31
60) o-Xylene	13.70	91	26116	0.070	ppbv #	60
74) 1,2,4-Trimethylbenzene	16.77	105	37449	0.090	ppbv #	68

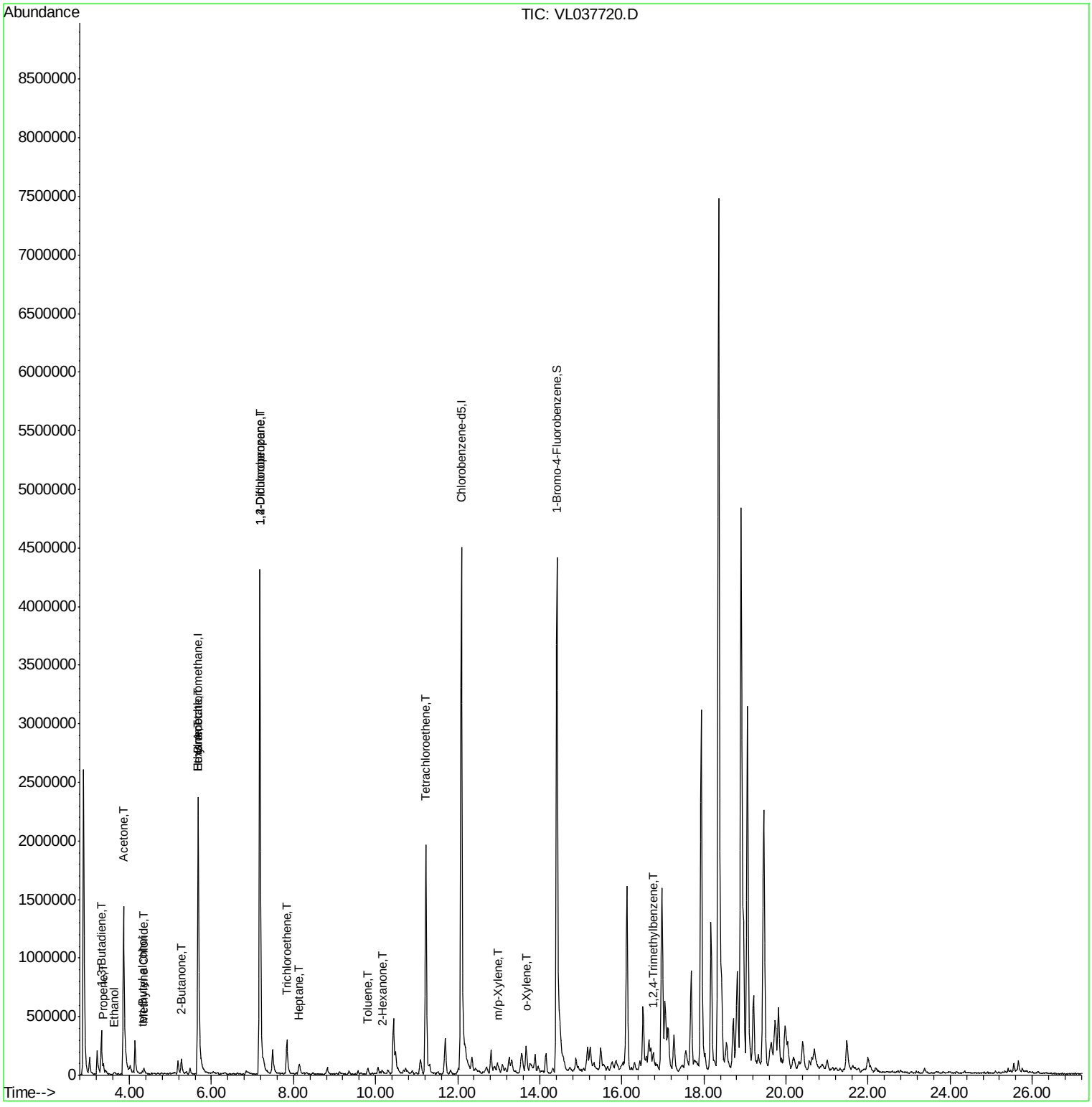
(#) = qualifier out of range (m) = manual integration (+) = signals summed

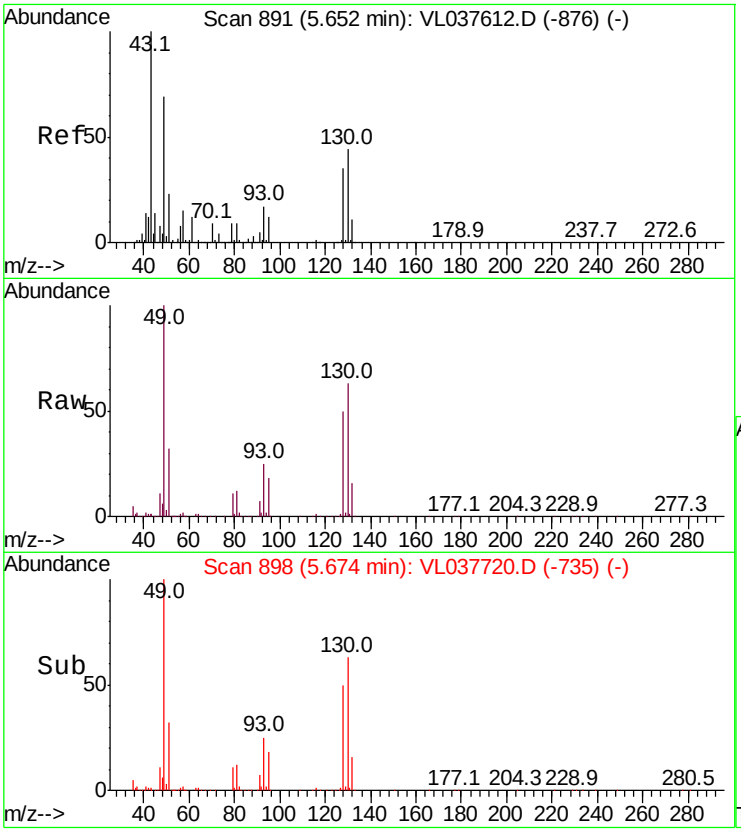
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037720.D
Acq On : 29 Sep 2021 2:18
Operator : SY/AP
Sample : M3948-06DUPDL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:43:34 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



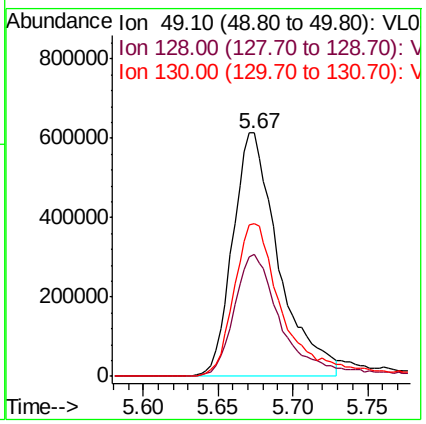


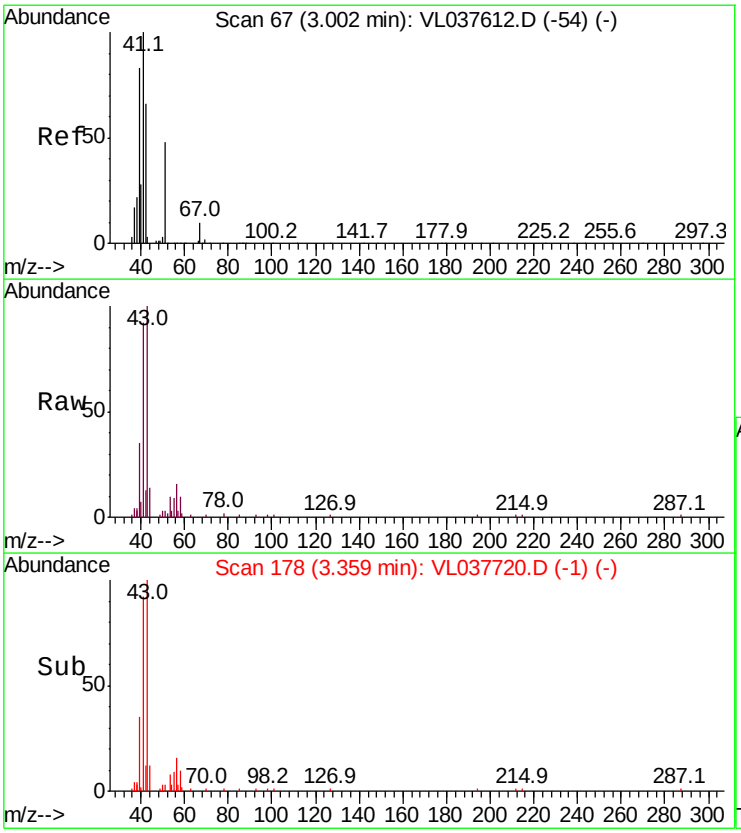
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1314198

Ion	Ratio	Lower	Upper
49	100		
128	54.0	27.9	83.6
130	69.3	33.9	101.7

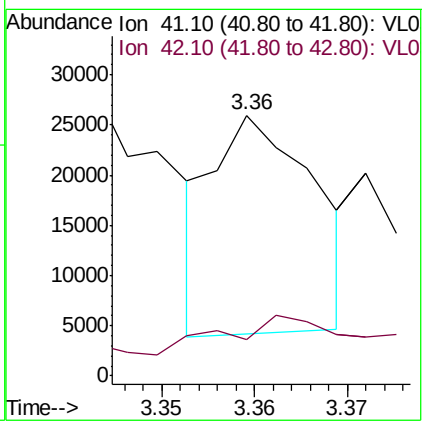


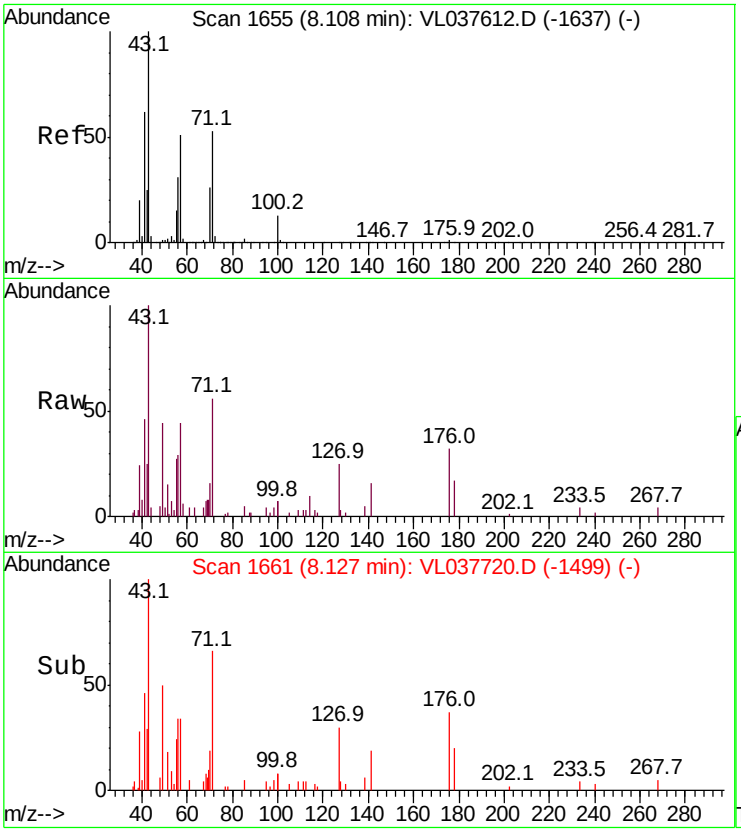


#9
Propene
Concen: 0.187 ppbv
RT: 3.36 min Scan# 178
Delta R.T. 0.36 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 41 Resp: 16340

Ion	Ratio	Lower	Upper
41	100		
42	61.7	57.2	85.8



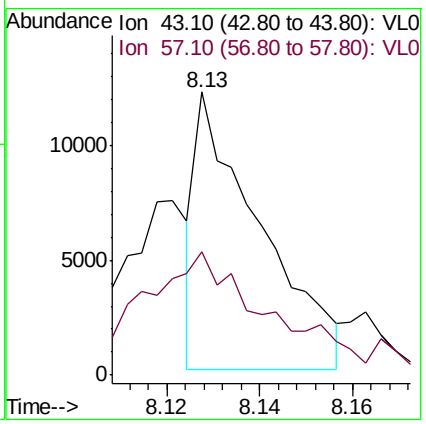


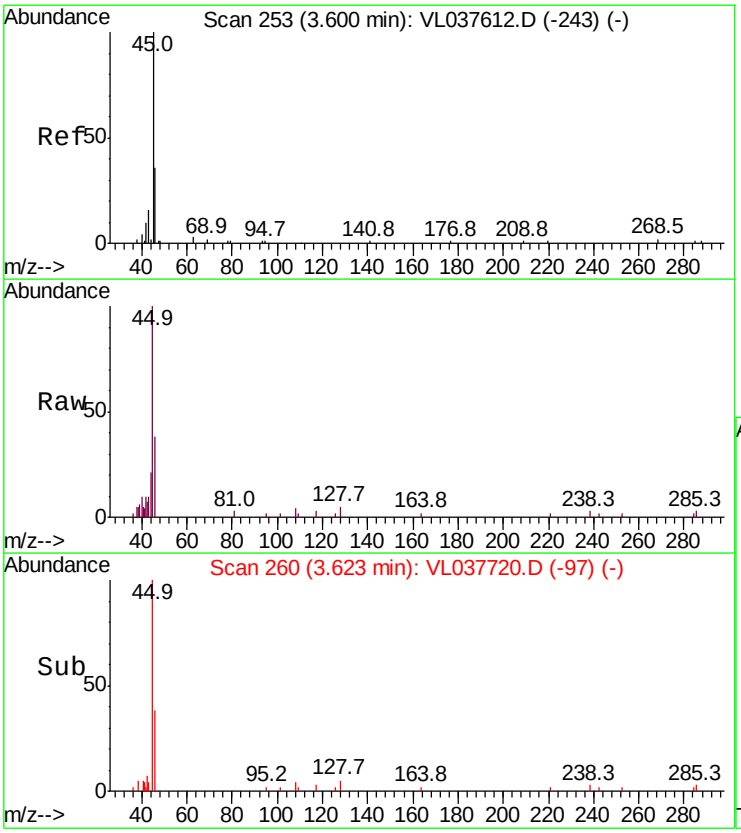
#10
Heptane
Concen: 0.057 ppbv
RT: 8.13
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 11699

Ion	Ratio	Lower	Upper
43	100		
57	105.5	40.1	60.1#

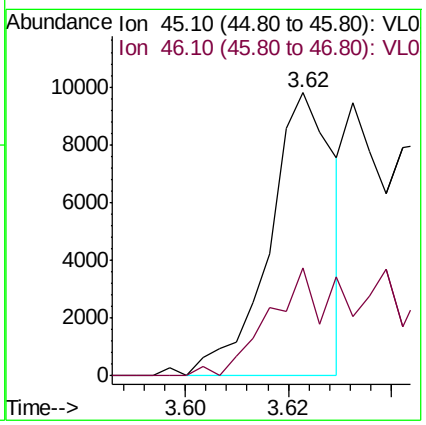


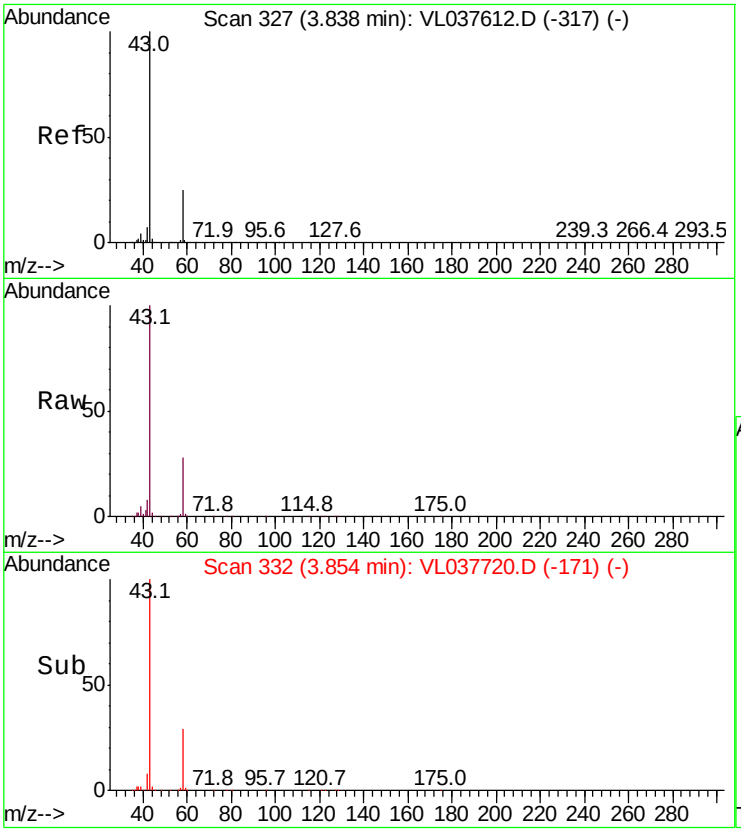


#13
Ethanol
Concen: 0.989 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 45 Resp: 8459

Ion	Ratio	Lower	Upper
45	100		
46	73.3	17.2	68.8#



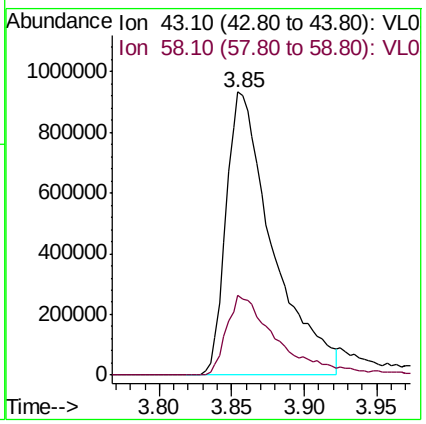


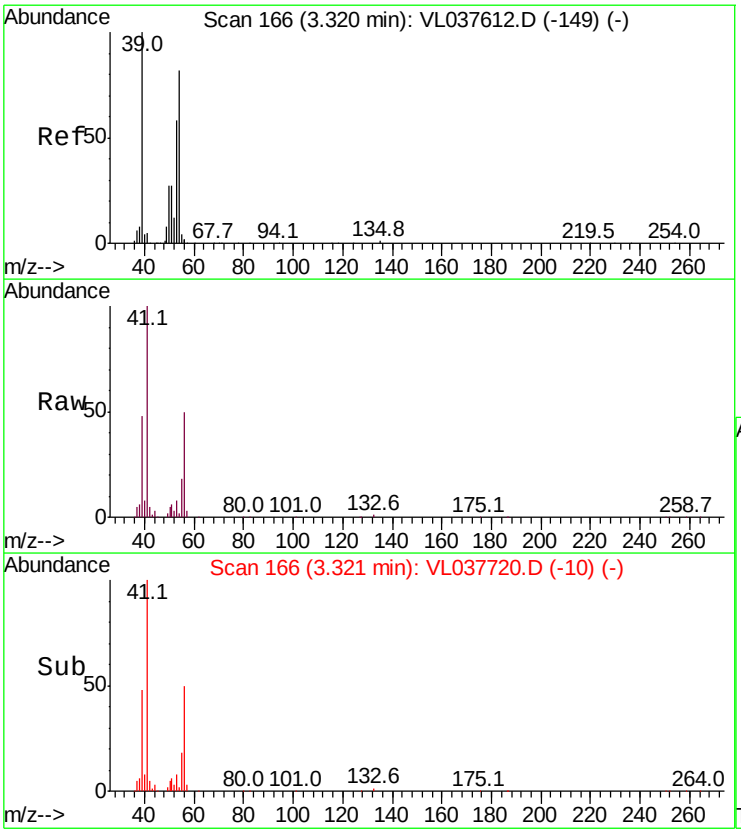
#15
Acetone
Concen: 15.192 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2074418

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.9	37.3

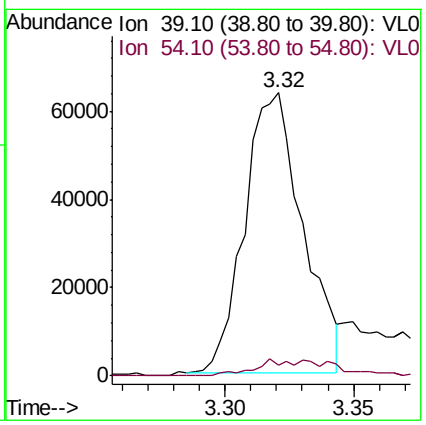


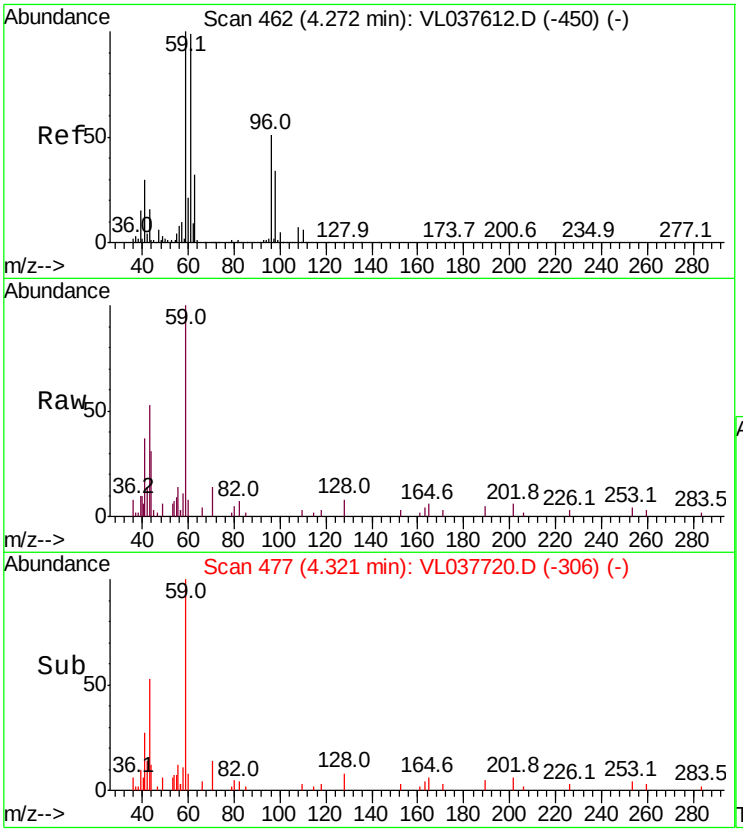


#16
1,3-Butadiene
Concen: 1.170 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 39 Resp: 99809

Ion	Ratio	Lower	Upper
39	100		
54	8.5	62.6	93.8#



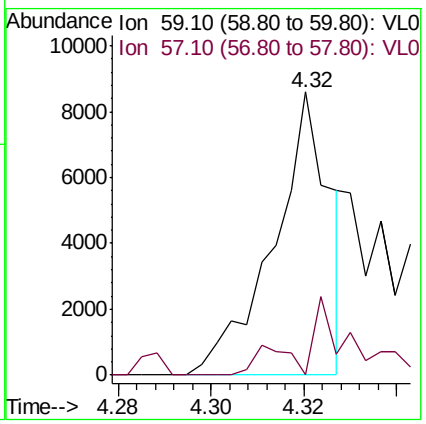


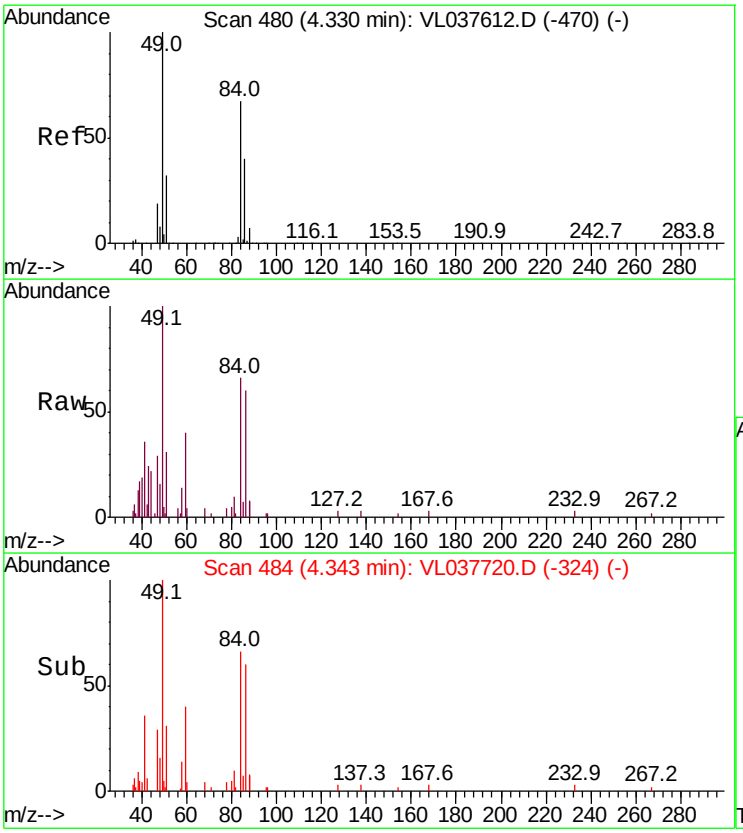
#17
tert-Butyl alcohol
Concen: 0.062 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 7234

Ion	Ratio	Lower	Upper
59	100		
57	31.0	8.4	12.6#

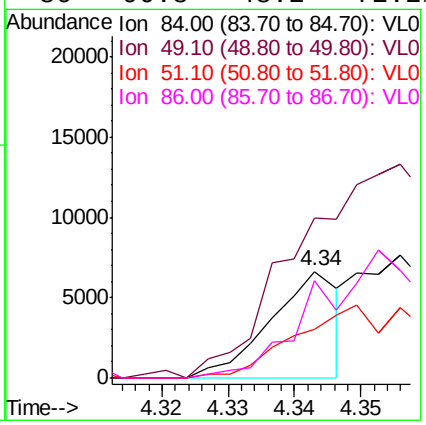


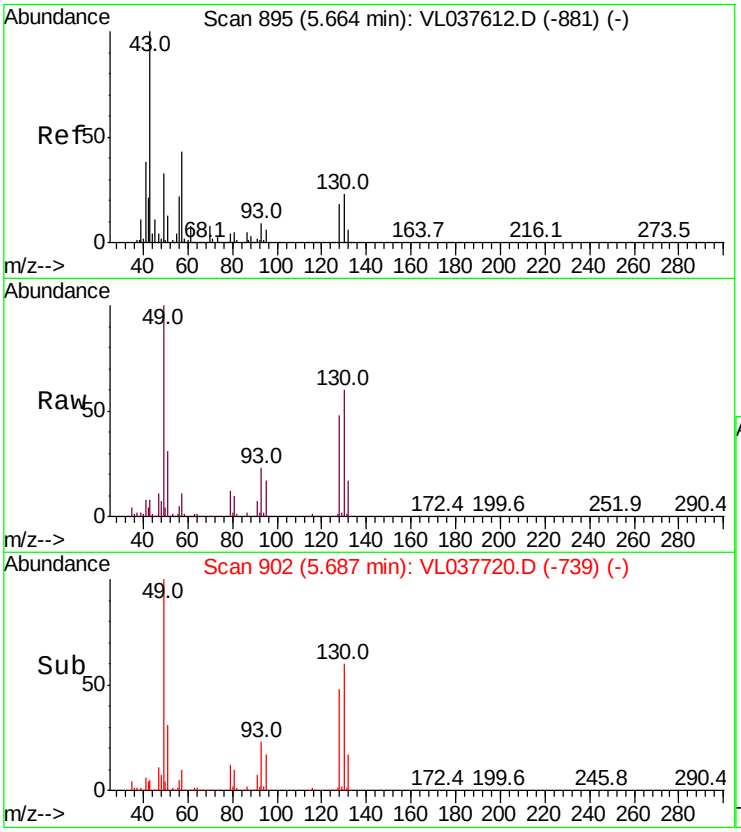


#20
Methylene Chloride
Concen: 0.073 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 84 Resp: 4790

Ion	Ratio	Lower	Upper
84	100		
49	157.7	120.0	180.0
51	46.3	38.0	57.0
86	90.8	48.2	72.2#



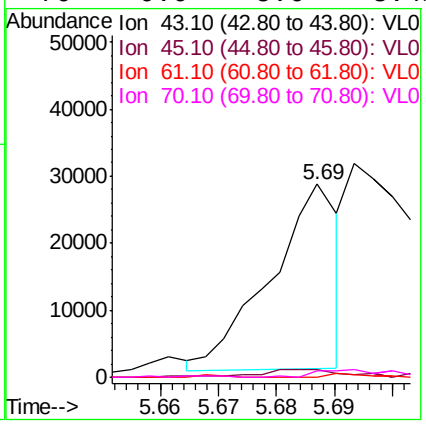


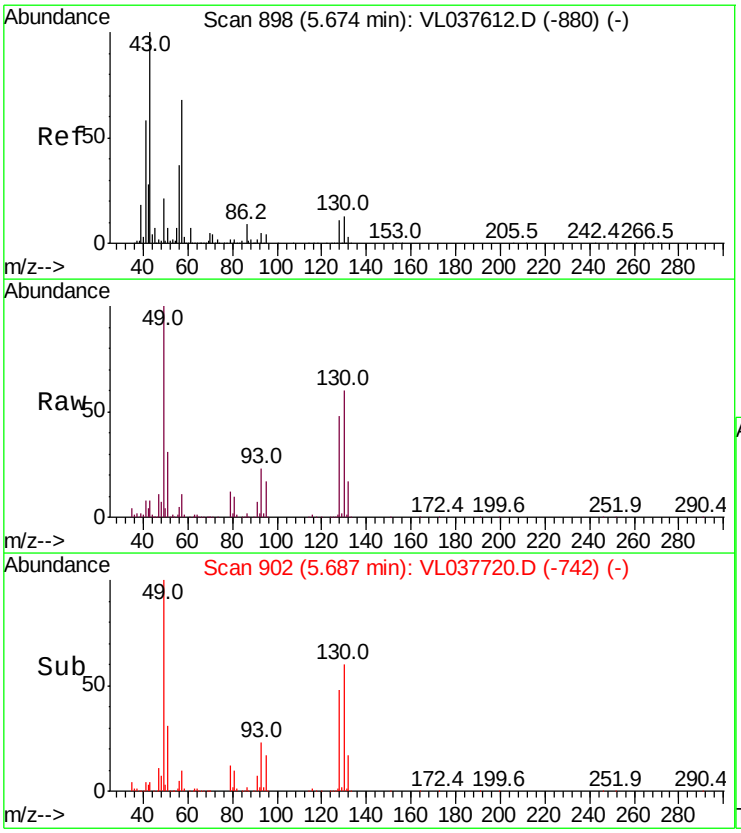
#25
Ethyl Acetate
Concen: 0.068 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 22336

Ion	Ratio	Lower	Upper
43	100		
45	7.7	8.0	12.0#
61	0.5	7.5	11.3#
70	0.0	5.6	8.4#

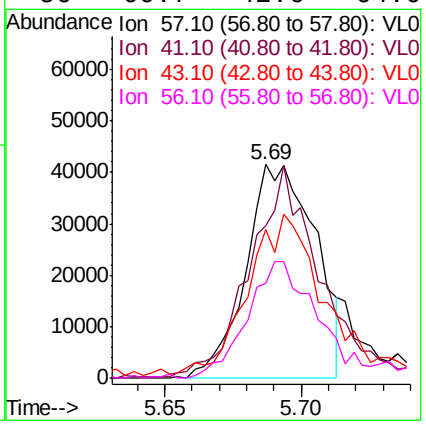


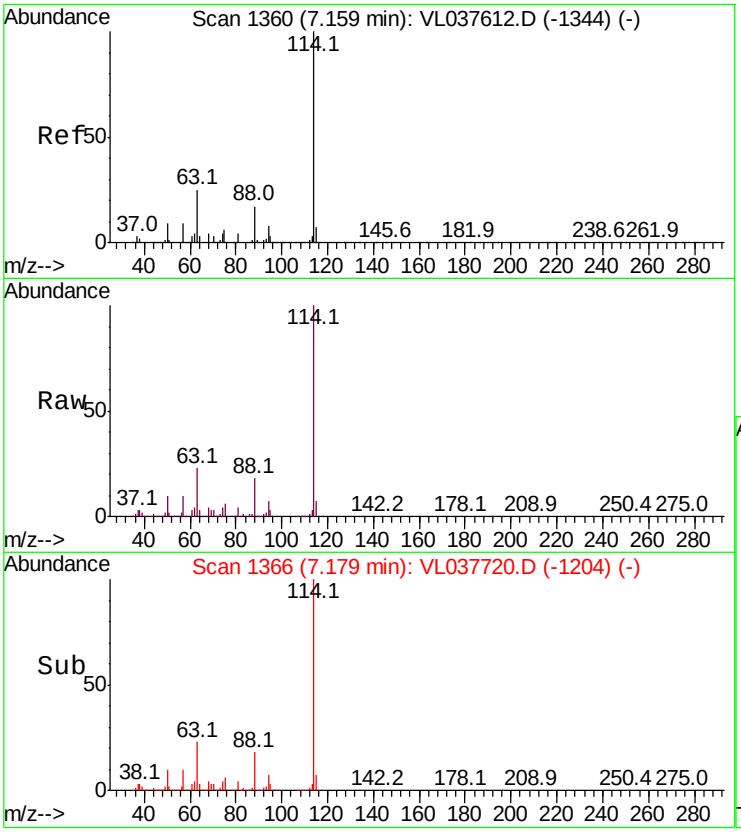


#26
Hexane
Concen: 0.465 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 57 Resp: 73091

Ion	Ratio	Lower	Upper
57	100		
41	105.6	70.9	106.3
43	83.9	170.4	255.6#
56	60.7	42.6	64.0

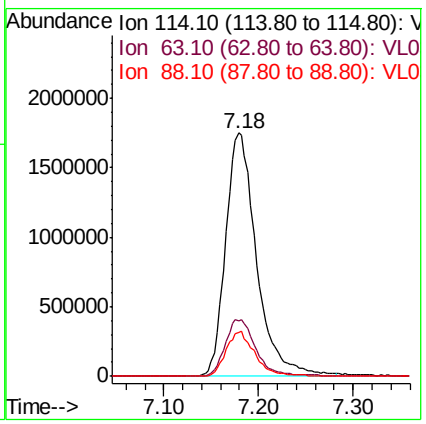


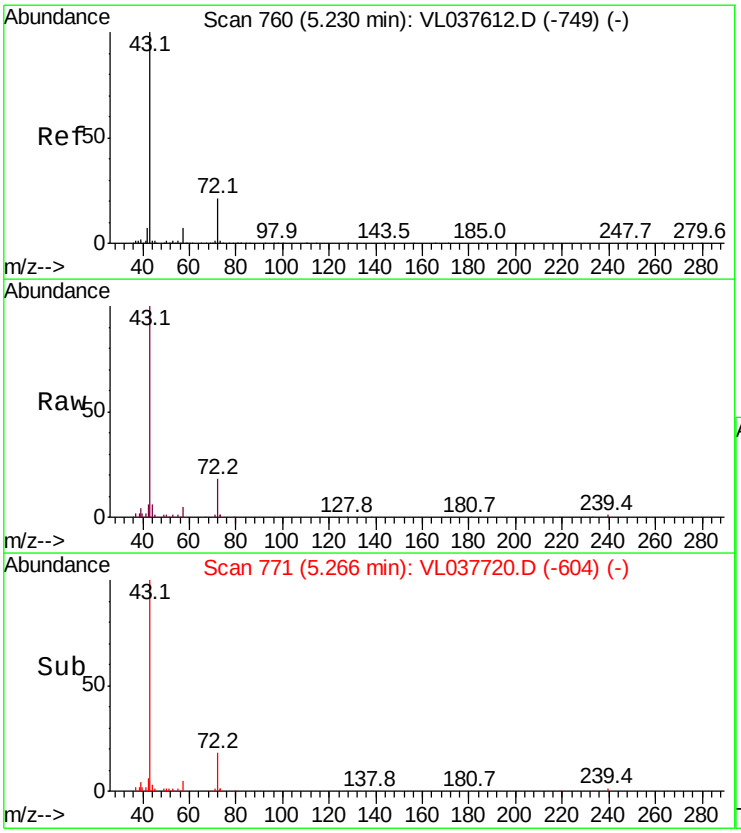


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Tgt Ion:114 Resp: 3982006

Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.6	29.4
88	17.9	14.2	21.4

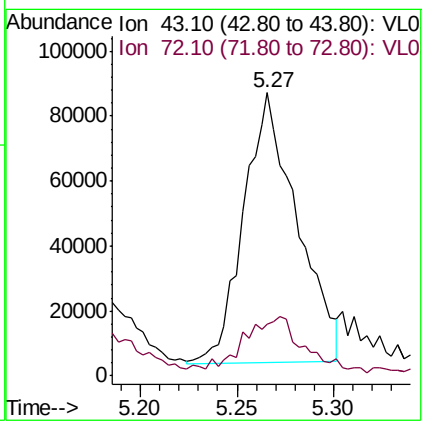


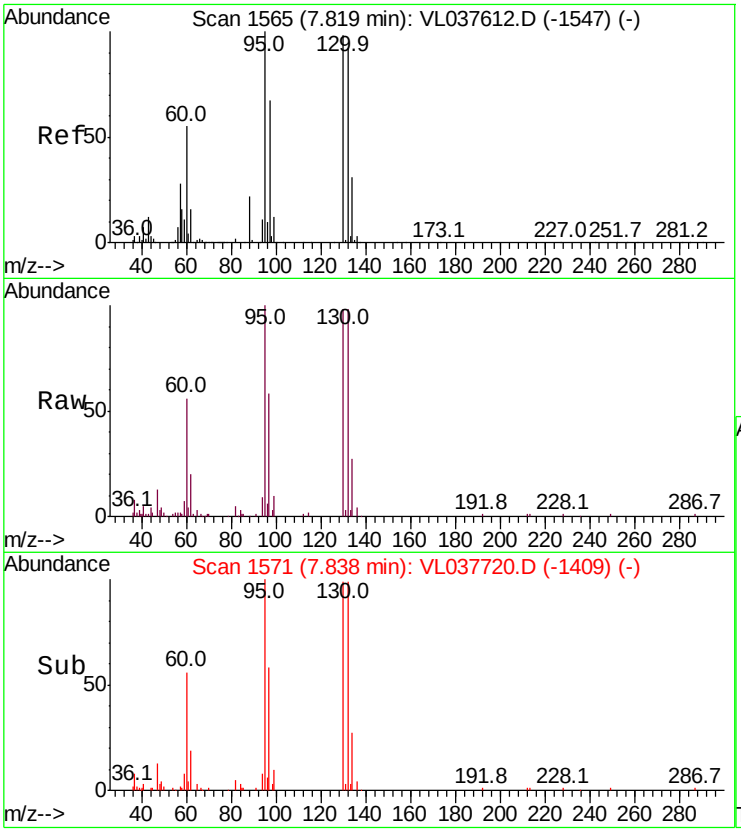


#34
2-Butanone
Concen: 0.983 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.04 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 43 Resp: 159093

Ion	Ratio	Lower	Upper
43	100		
72	30.0	18.4	27.6#



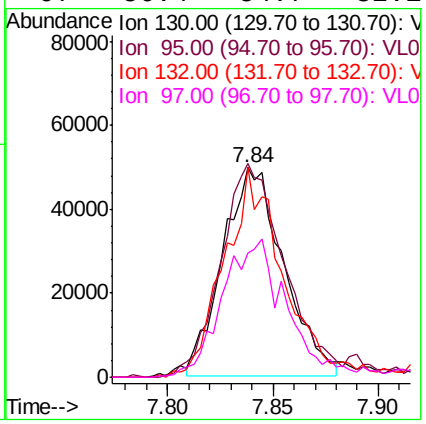


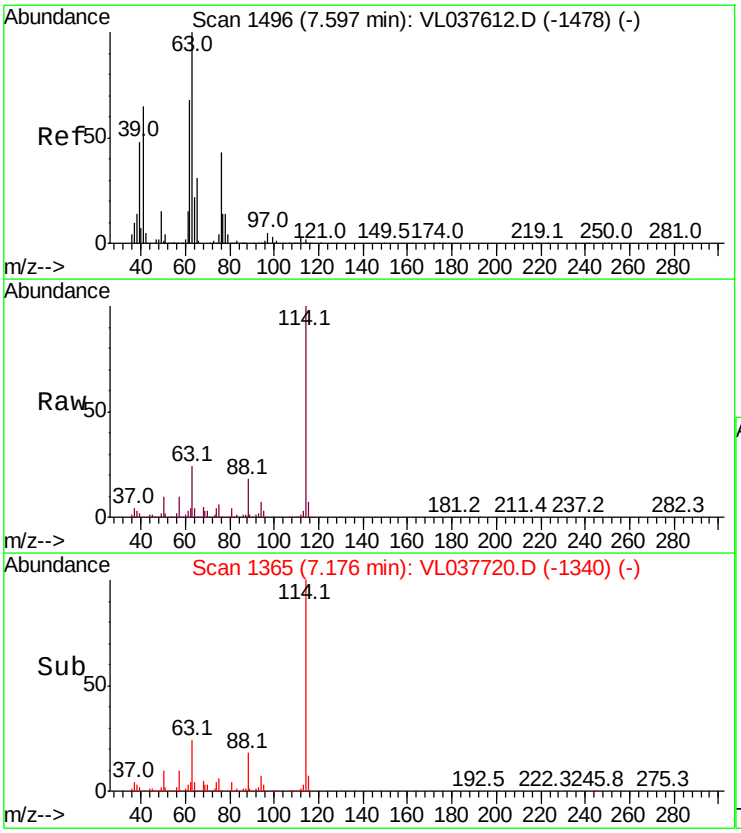
#38
Trichloroethene
Concen: 0.718 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 99646

Ion	Ratio	Lower	Upper
130	100		
95	99.1	81.8	122.6
132	100.8	75.3	112.9
97	56.4	54.7	82.1

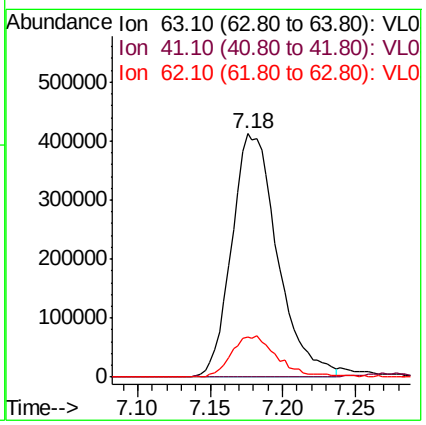


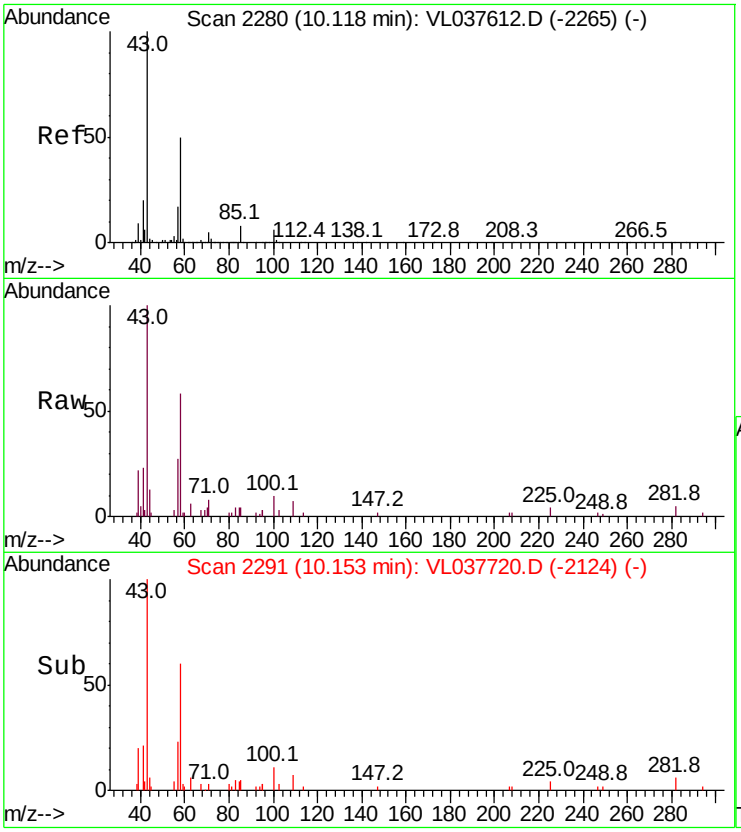


#39
1,2-Dichloropropane
Concen: 7.121 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.42 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 63 Resp: 905634

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	16.6	54.6	81.8#



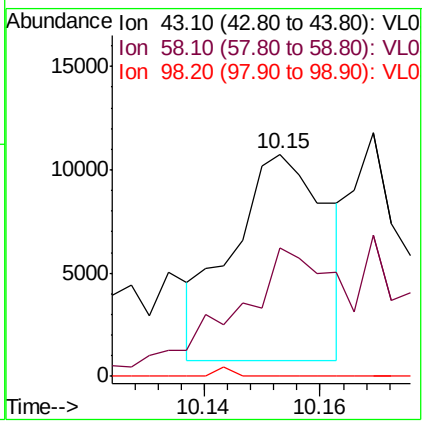


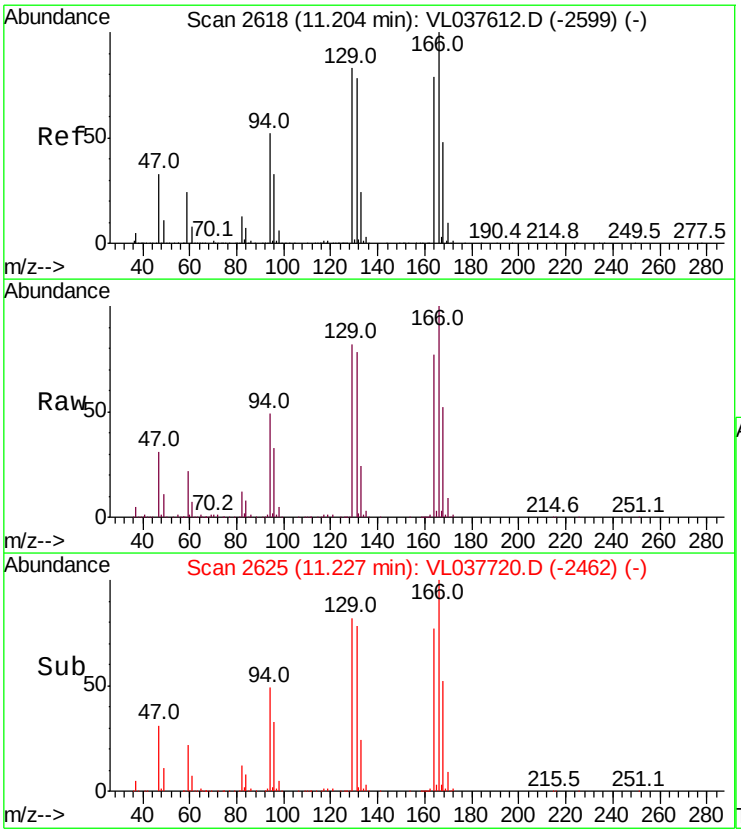
#51
2-Hexanone
Concen: 0.125 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 11284

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

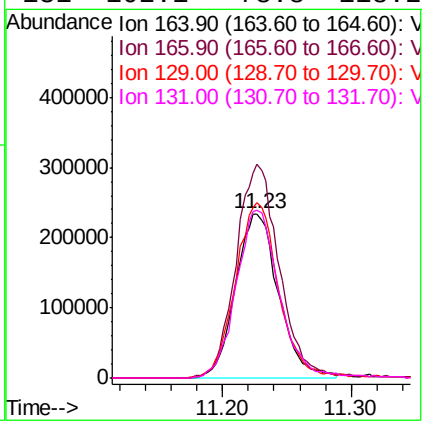


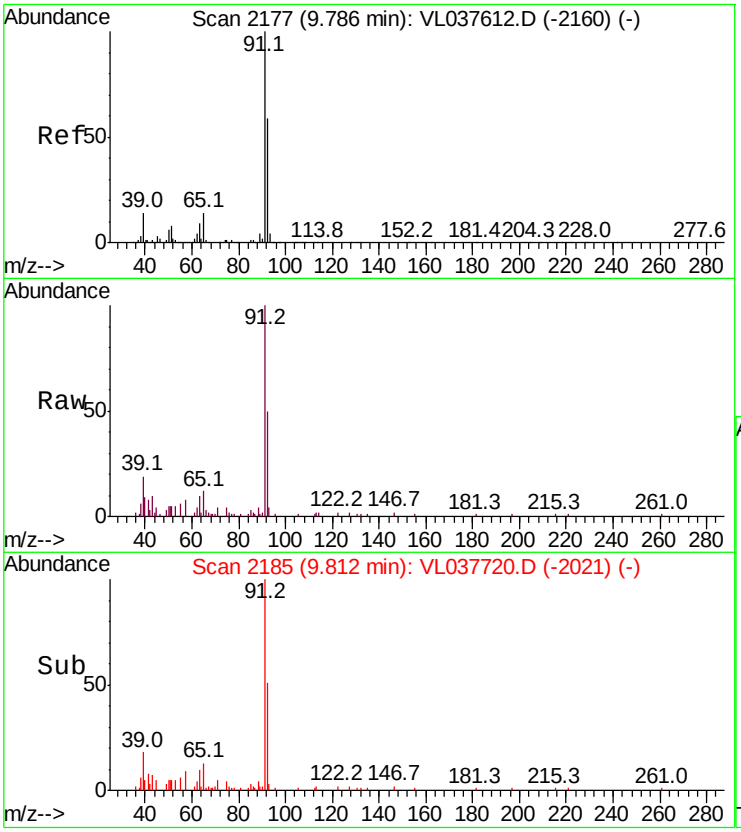


#52
Tetrachloroethene
Concen: 4.258 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.02 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion:164 Resp: 542768

Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.2	151.8
129	106.4	84.0	126.0
131	102.1	78.8	118.2



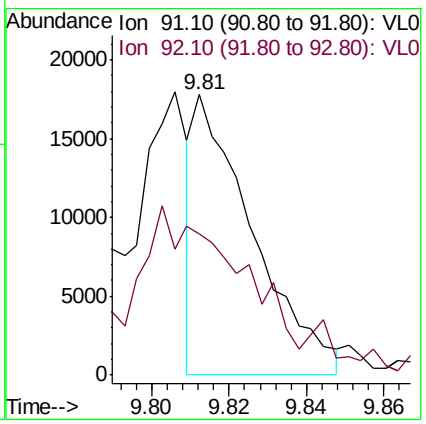


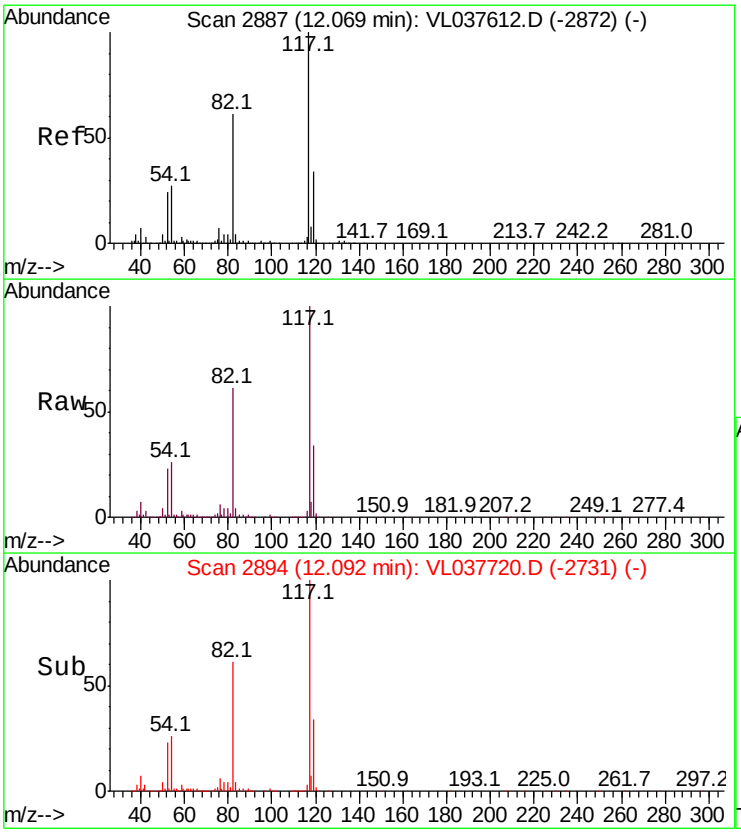
#53
Toluene
Concen: 0.051 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 18672

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.9	73.3#

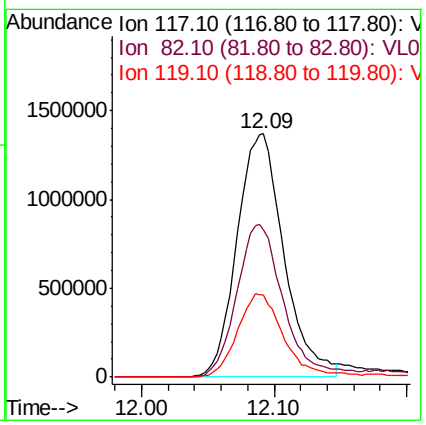


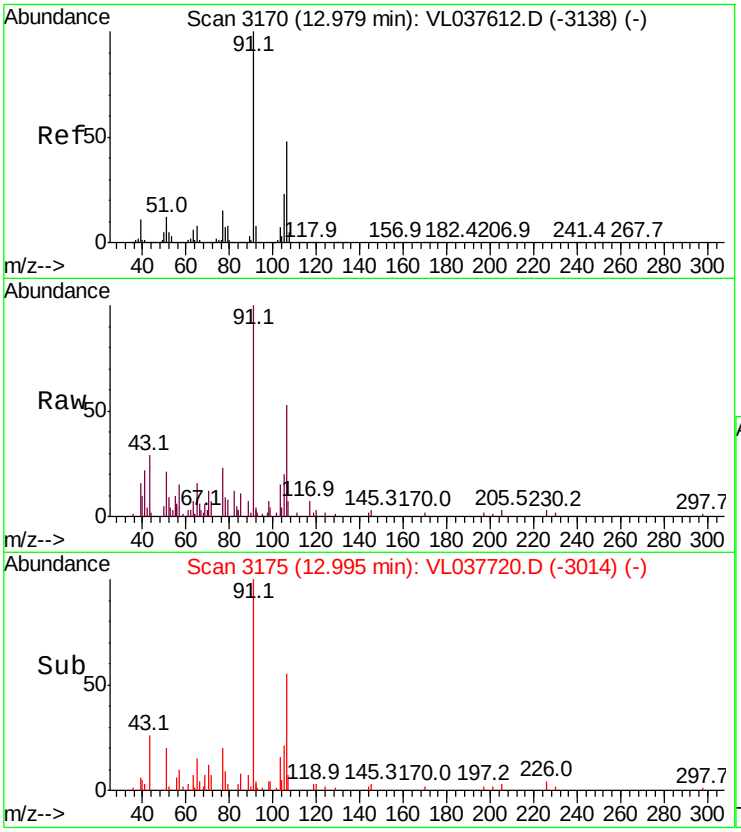


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.02 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion:117 Resp: 3368964

Ion	Ratio	Lower	Upper
117	100		
82	67.6	50.6	75.8
119	35.2	26.2	39.2



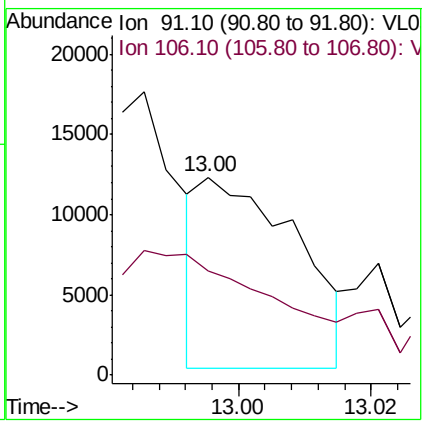


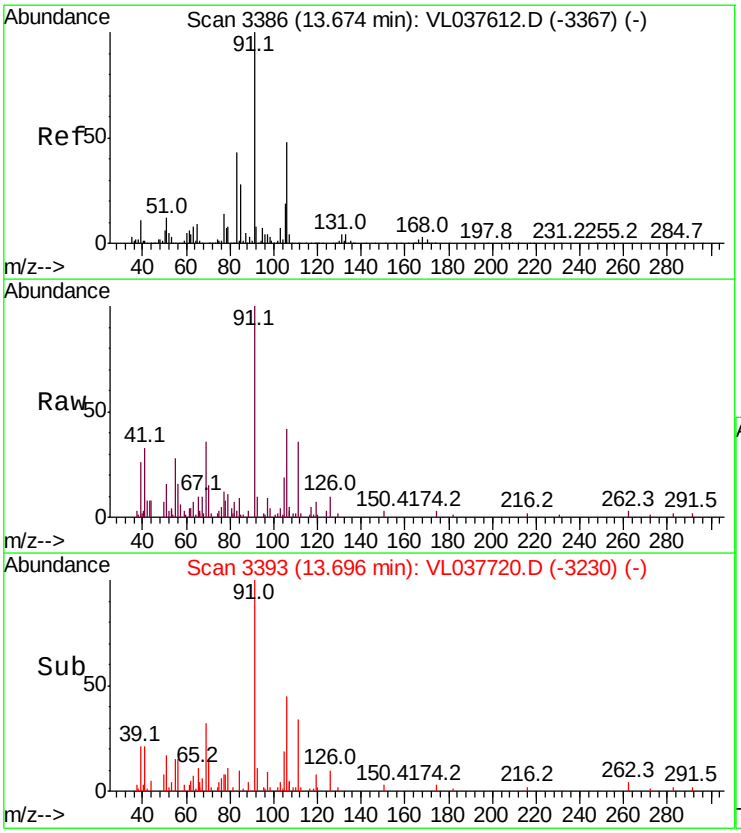
#59
m/p-Xylene
Concen: 0.031 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 12076

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.6	55.0#

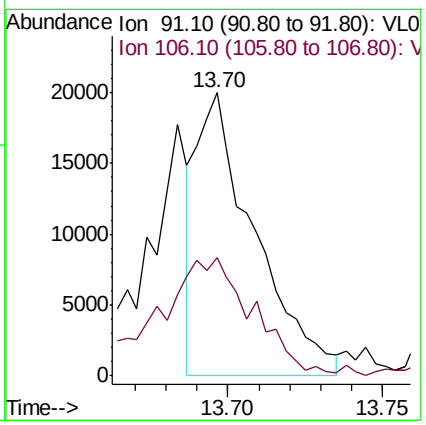


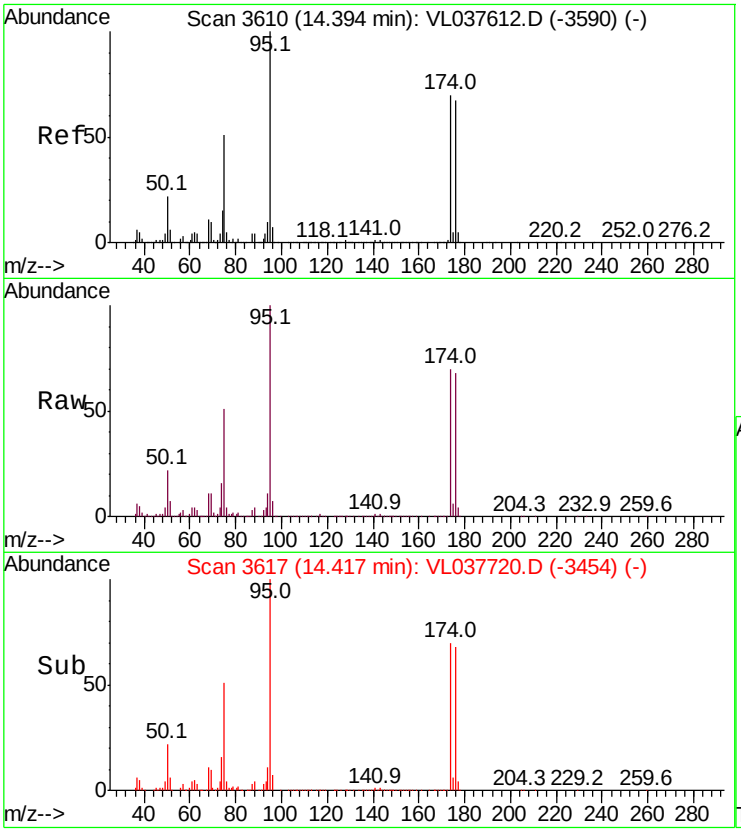


#60
o-Xylene
Concen: 0.070 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.02 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion: 91 Resp: 26116

Ion	Ratio	Lower	Upper
91	100		
106	72.3	23.0	69.0#



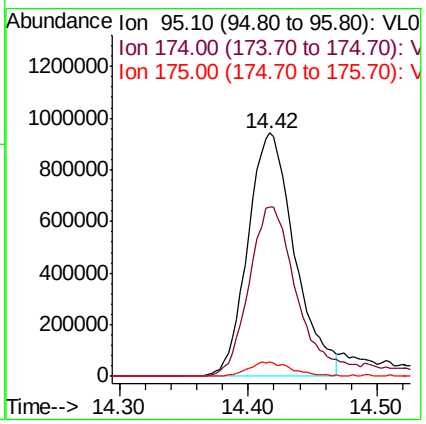


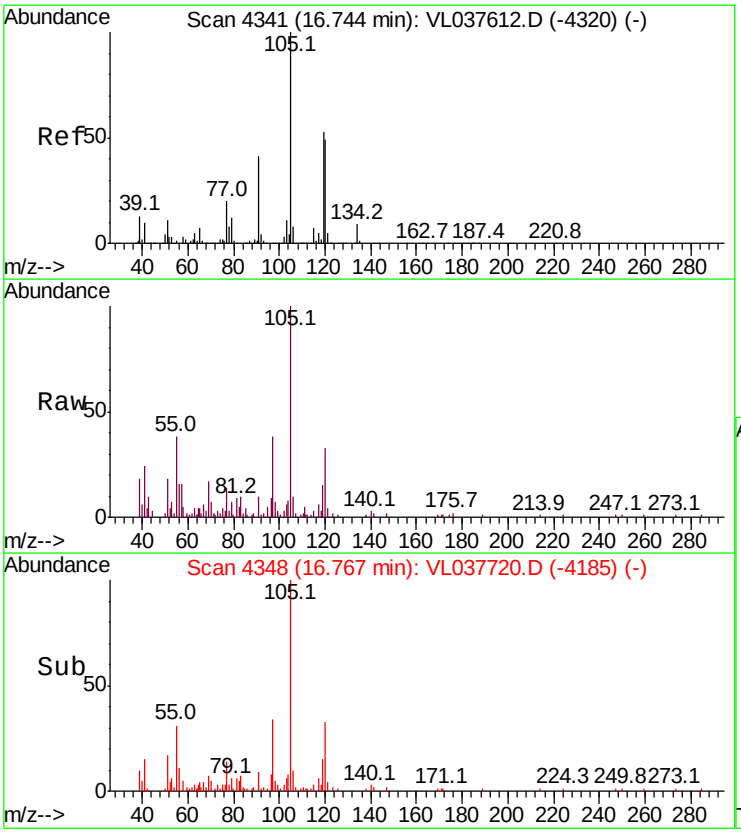
#68
1-Bromo-4-Fluorobenzene
Concen: 9.786 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 29 Sep 2021 2:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2382692

Ion	Ratio	Lower	Upper
95	100		
174	79.5	56.3	84.5
175	5.8	4.4	6.6





#74
1,2,4-Trimethylbenzene
Concen: 0.090 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.02 min
Lab File: VL037720.D
Acq: 29 Sep 2021 2:18

Tgt Ion:105 Resp: 37449

Ion	Ratio	Lower	Upper
105	100		
120	35.5	39.4	59.0#
91	8.9	33.3	49.9#
77	11.6	15.7	23.5#