Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038097.D
Acq On : 23 Nov 2021 13:25
Operator : SY/AP
Sample : M4805-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-PURE-BARRE

Quant Time: Nov 24 06:53:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	978253	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2704567	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2363124	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1804805	10.59	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	31832	0.197	ppbv		100
3) Chlorodifluoromethane	2.97	51	5754300	28.010	ppbv	#	61
4) Chloromethane	3.14	50	16032	0.229	ppbv		94
9) Propene	3.21	41	741240	9.797	ppbv		95
10) Heptane	8.12	43	40246	0.215	ppbv	#	28
11) Trichlorofluoromethane	3.95	101	410814	2.673	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3797	0.035	ppbv	#	13
13) Ethanol	3.64	45	21177594	2896.469	ppbv		97
15) Acetone	3.85	43	4712344	55.560	ppbv		100
16) 1,3-Butadiene	3.31	39	28769	0.435	ppbv	#	9
17) tert-Butyl alcohol	4.32	59	44057	0.428	ppbv	#	71
19) Isopropyl Alcohol	4.00	45	7665051	125.077	ppbv	#	98
20) Methylene Chloride	4.35	84	71724	1.510	ppbv		90
21) Allyl Chloride	4.34	41	15820	0.202	ppbv	#	19
23) Vinyl Acetate	5.07	43	143681	1.170	ppbv	#	79
25) Ethyl Acetate	5.67	43	386480	1.371	ppbv		97
26) Hexane	5.69	57	129254	0.951	ppbv	#	67
27) Carbon Disulfide	4.56	76	82210	0.675	ppbv		94
29) Chloroform	5.75	83	47921	0.239	ppbv		88
30) Cyclohexane	7.13	84	6484	0.053	ppbv	#	1
34) 2-Butanone	5.24	43	329788	3.024	ppbv		100
35) Carbon Tetrachloride	7.01	117	11657	0.061	ppbv		97
36) Benzene	6.89	78	124780	0.463	ppbv		97
37) 1,2-Dichloroethane	6.30	62	5292	0.041	ppbv	#	79
39) 1,2-Dichloropropane	7.17	63	684869	6.618	ppbv	#	27
40) 1,4-Dioxane	7.84	88	1357	0.050	ppbv	#	1
41) Tetrahydrofuran	6.05	42	5556	0.082	ppbv	#	36
44) 2,2,4-Trimethylpentane	7.87	57	201021	0.445	ppbv		91
50) 4-Methyl-2-Pentanone	8.75	43	32681	0.197	ppbv		96
51) 2-Hexanone	10.12	43	5049	0.065	ppbv	#	27
52) Tetrachloroethene	11.22	164	5332	0.053	ppbv	#	55
53) Toluene	9.80	91	574753	1.852	ppbv		98
58) Ethyl Benzene	12.71	91	116847	0.299	ppbv	#	86
59) m/p-Xylene	12.99	91	46626	0.142	ppbv	#	29
60) o-Xylene	13.69	91	44817	0.147	ppbv		64
61) Styrene	13.52	104	61381	0.375	ppbv		92
62) Isopropylbenzene	14.66	105	13339	0.031	ppbv	#	48
69) p-Isopropyltoluene	17.65	119	90122	0.217	ppbv	#	93
72) 4-Ethyltoluene	15.83	105	28027	0.079	ppbv	#	80
73) 1,3,5-Trimethylbenzene	16.00	105	11770	0.036	ppbv	#	76
74) 1,2,4-Trimethylbenzene	16.75	105	70885	0.213	ppbv	#	81

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038097.D
Acq On : 23 Nov 2021 13:25
Operator : SY/AP
Sample : M4805-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Quant Time: Nov 24 06:53:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Naphthalene	22.19	128	16161	0.092	ppbv	#	92
80) Naphthalene,2-methyl-	24.97	142	9918	0.264	ppbv		92
81) 1,2,4-Trichlorobenzene	21.92	180	6648	0.066	ppbv	#	12

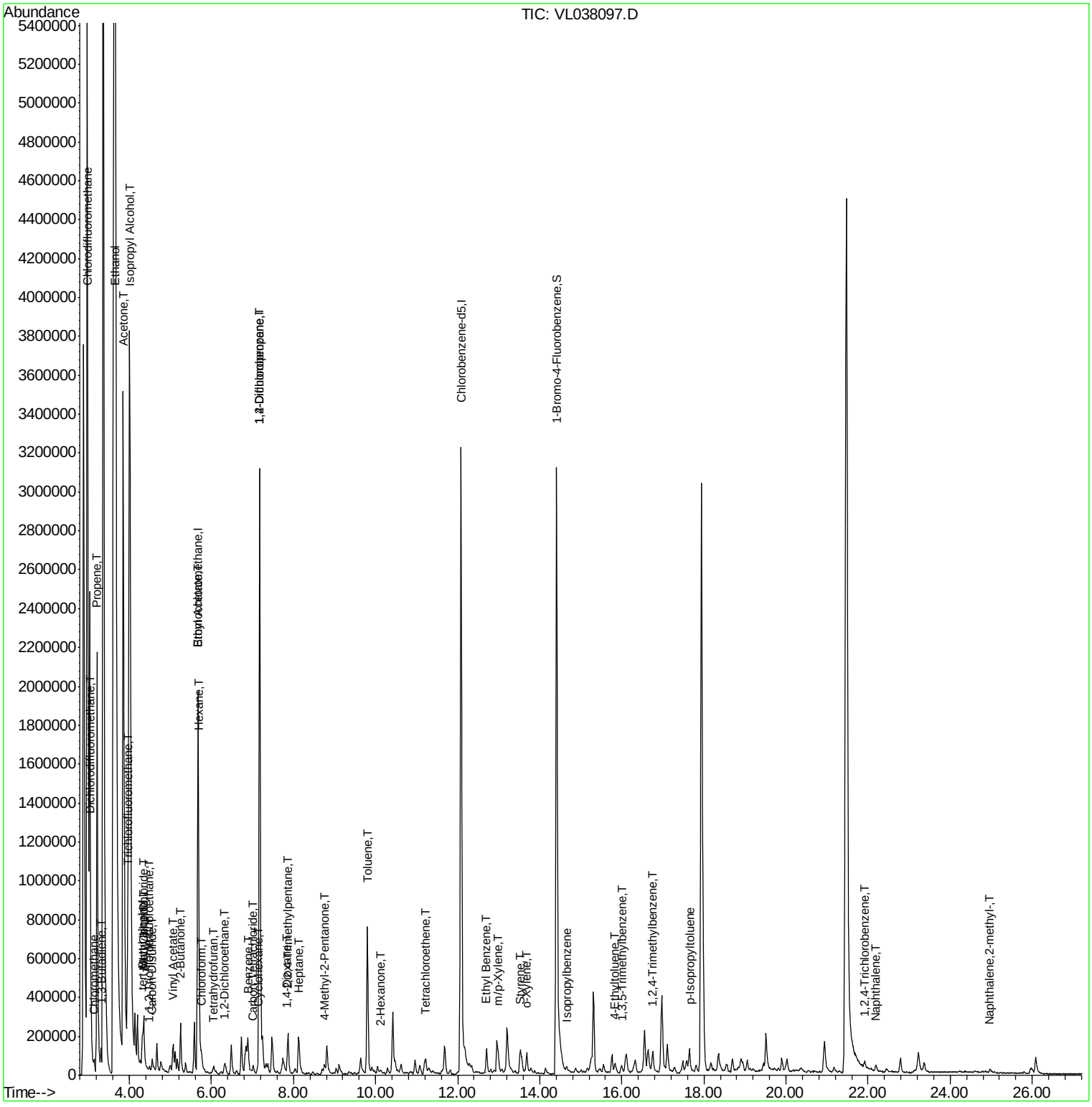
(#) = qualifier out of range (m) = manual integration (+) = signals summed

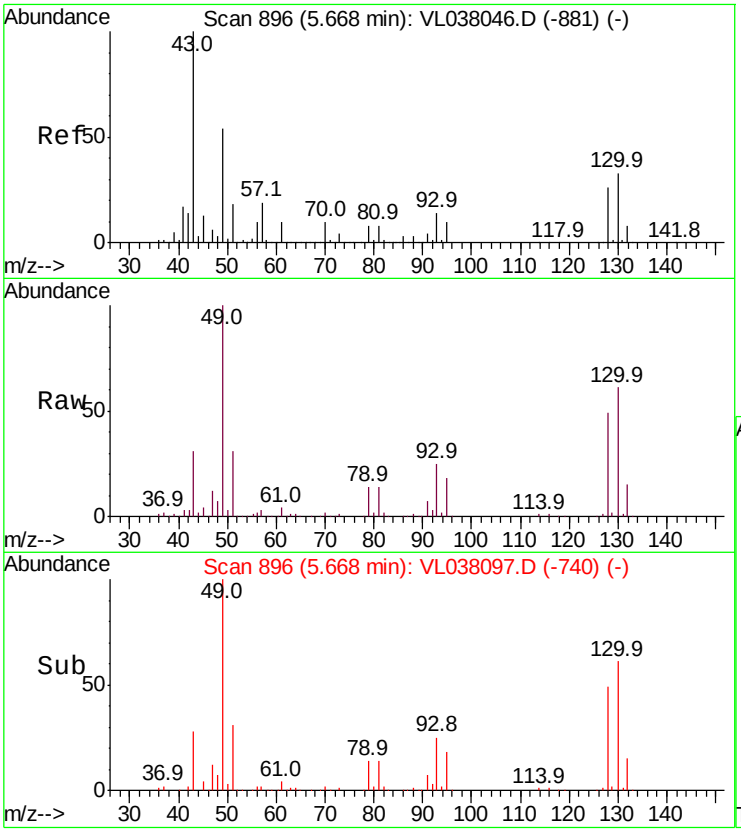
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038097.D
Acq On : 23 Nov 2021 13:25
Operator : SY/AP
Sample : M4805-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Quant Time: Nov 24 06:53:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration



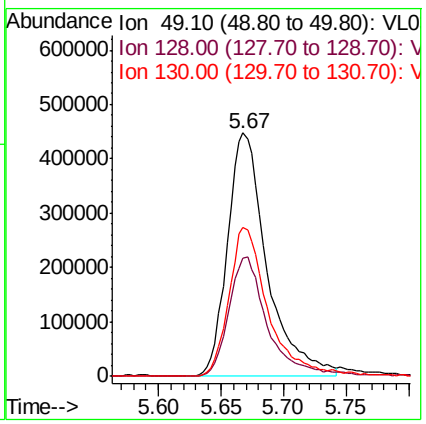


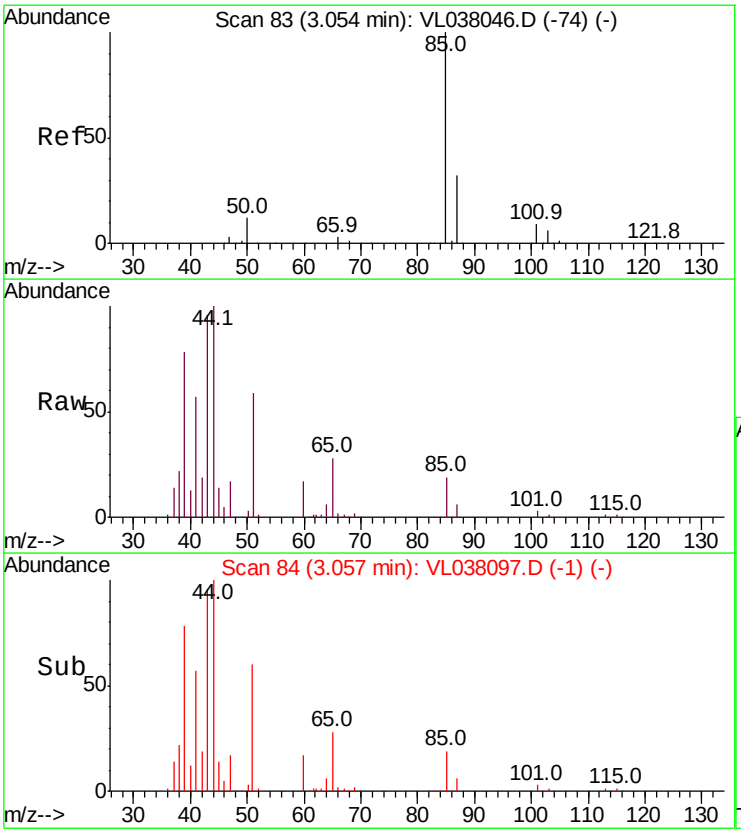
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 49 Resp: 978253

Ion	Ratio	Lower	Upper
49	100		
128	48.8	26.5	79.5
130	61.5	32.5	97.4

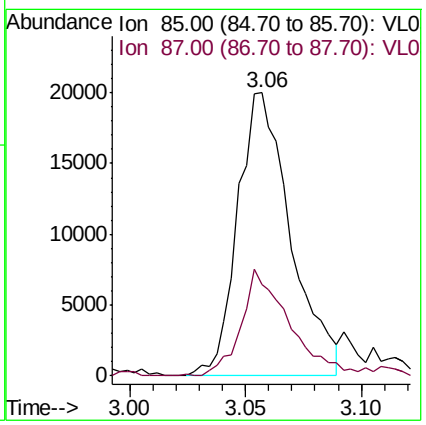


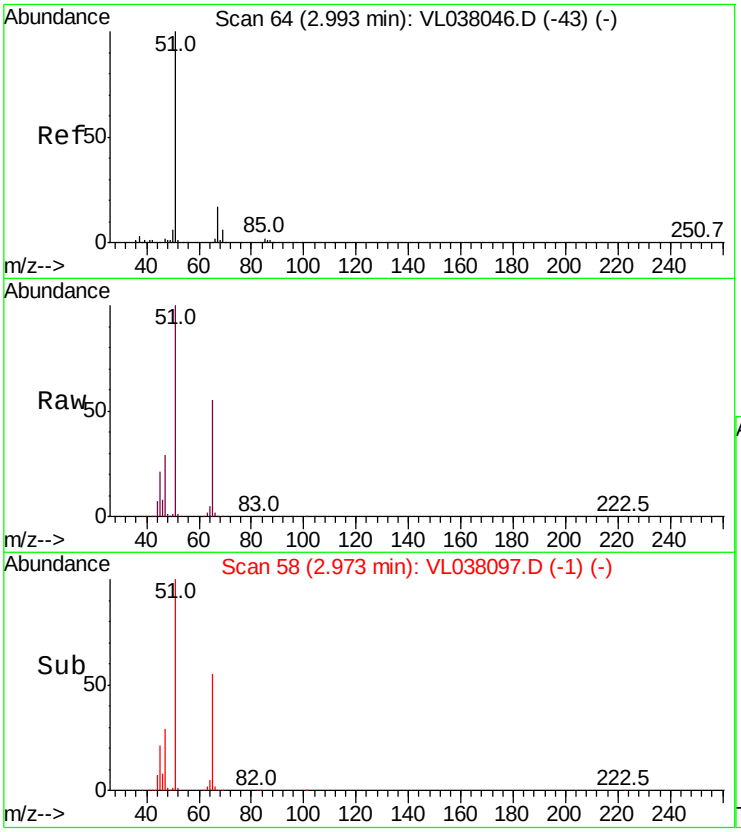


#2
Dichlorodifluoromethane
Concen: 0.197 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 85 Resp: 31832

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.8	38.6



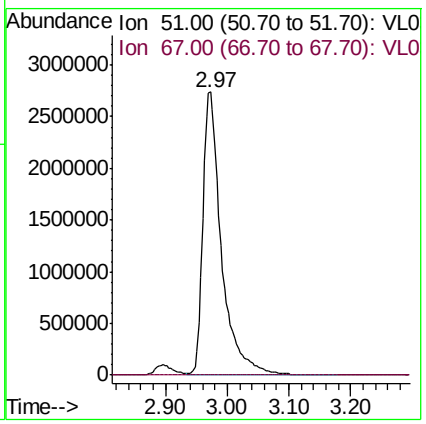


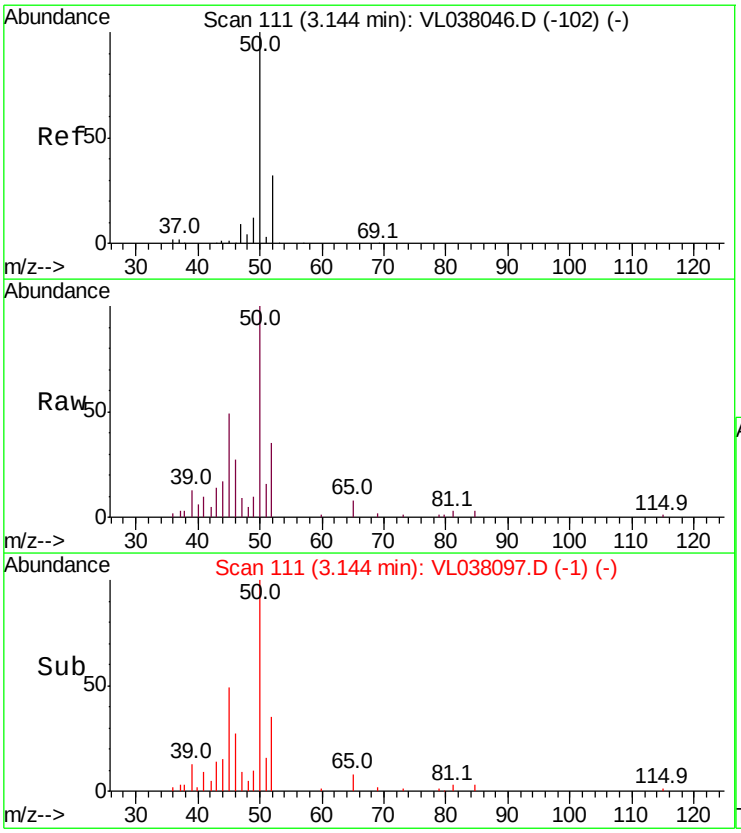
#3
Chlorodifluoromethane
Concen: 28.010 ppbv
RT: 2.97
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 51 Resp: 5754300

Ion	Ratio	Lower	Upper
51	100		
67	0.2	13.8	20.8#

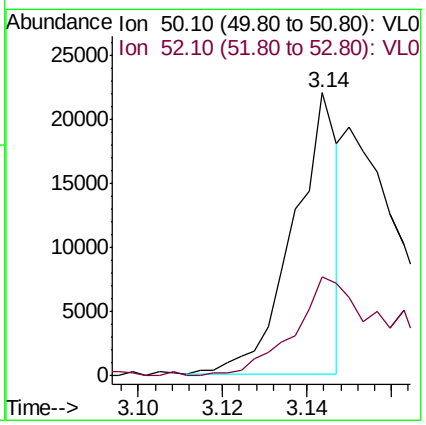


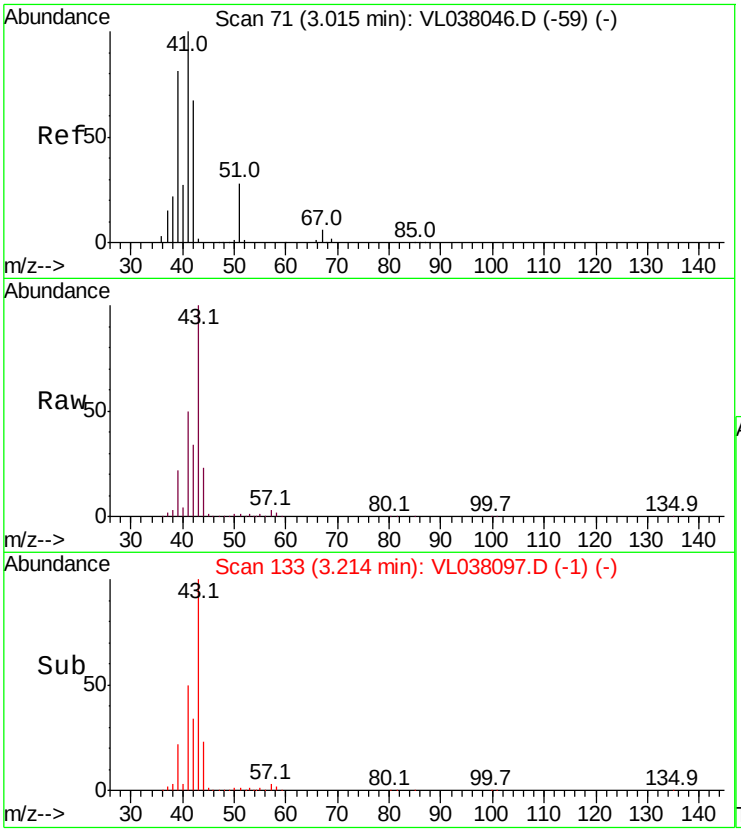


#4
Chloromethane
Concen: 0.229 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 50 Resp: 16032

Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.4	38.0



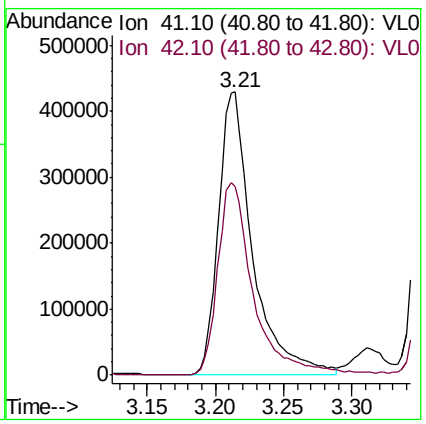


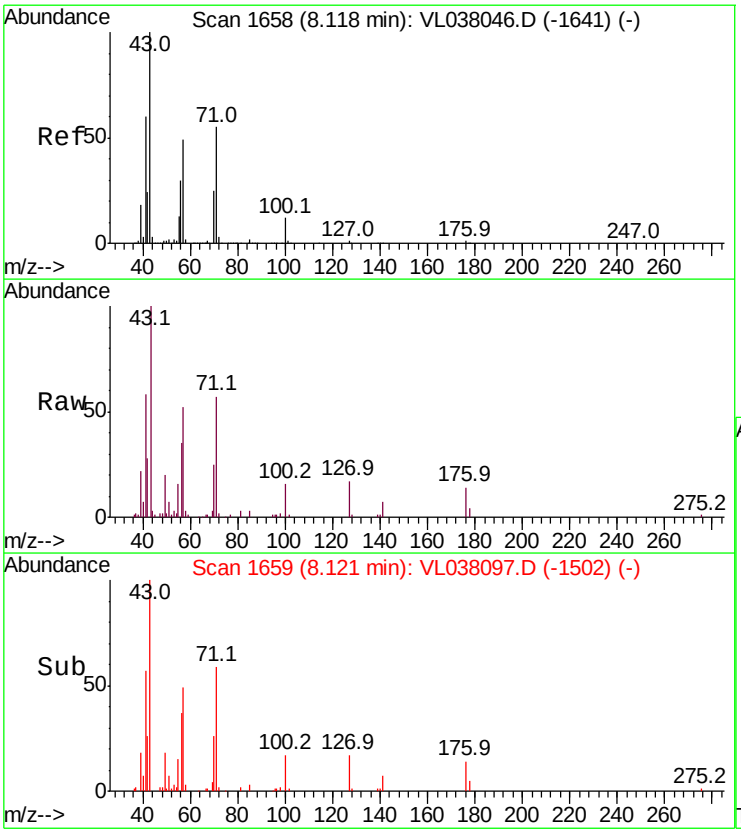
#9
Propene
Concen: 9.797 ppbv
RT: 3.21
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 41 Resp: 741240

Ion	Ratio	Lower	Upper
41	100		
42	71.5	53.8	80.8

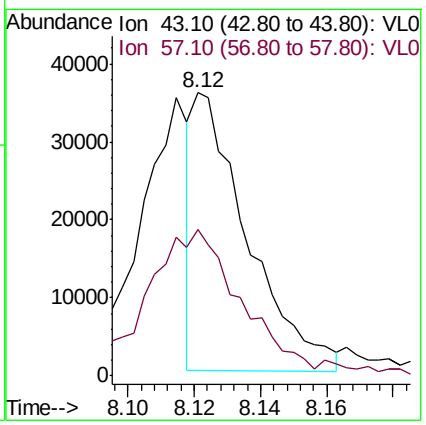


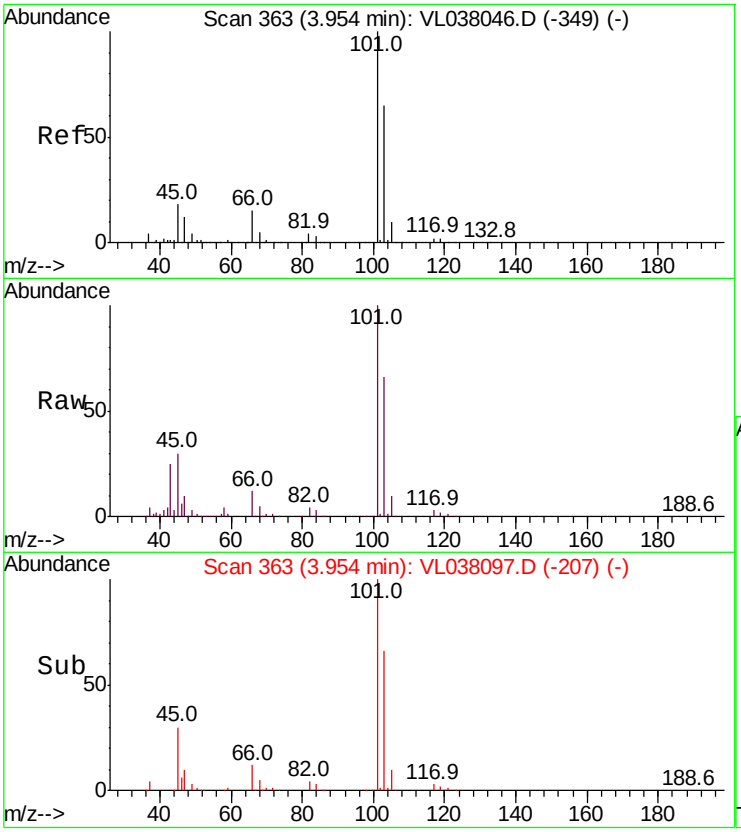


#10
Heptane
Concen: 0.215 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 43 Resp: 40246

Ion	Ratio	Lower	Upper
43	100		
57	100.3	40.4	60.6#



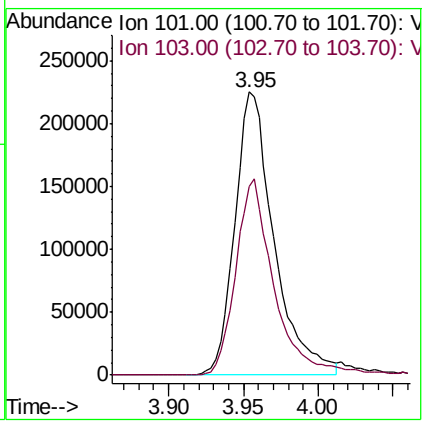


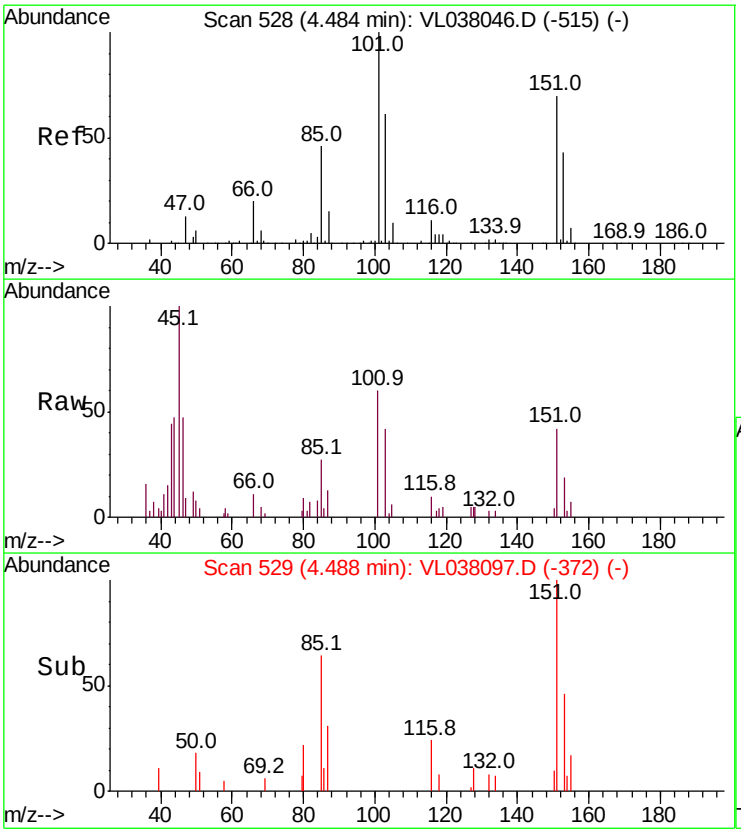
#11
Trichlorofluoromethane
Concen: 2.673 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:101 Resp: 410814

Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.8	77.6

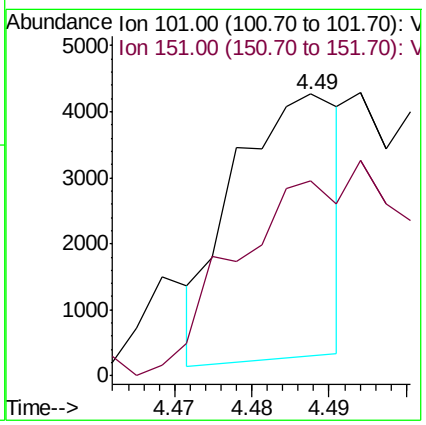


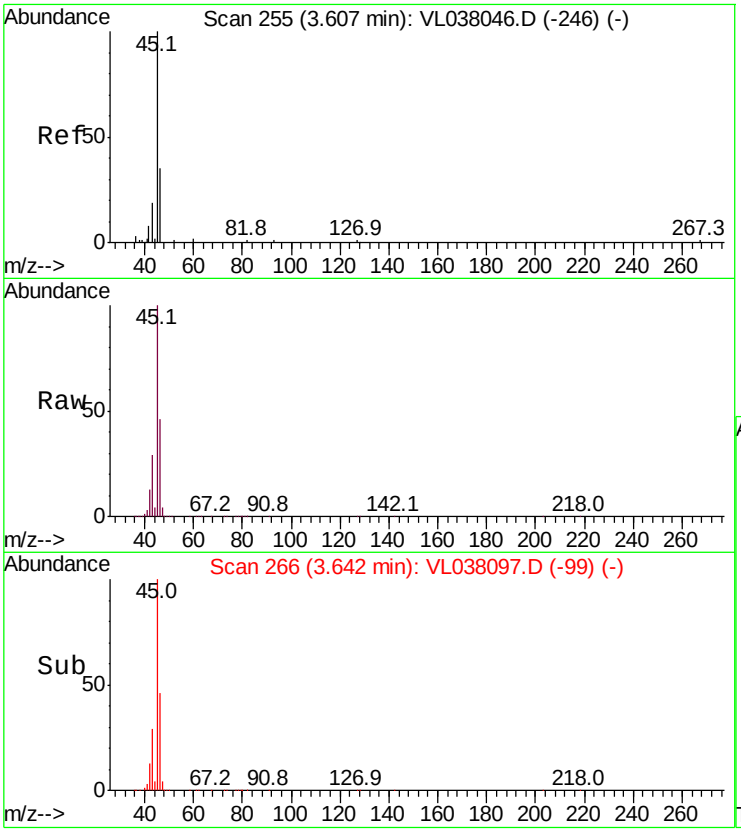


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.035 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:101 Resp: 3797

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.0	88.4#



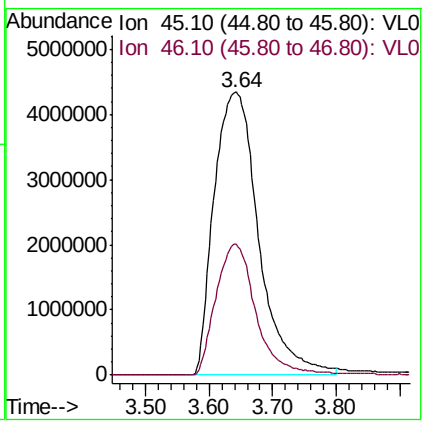


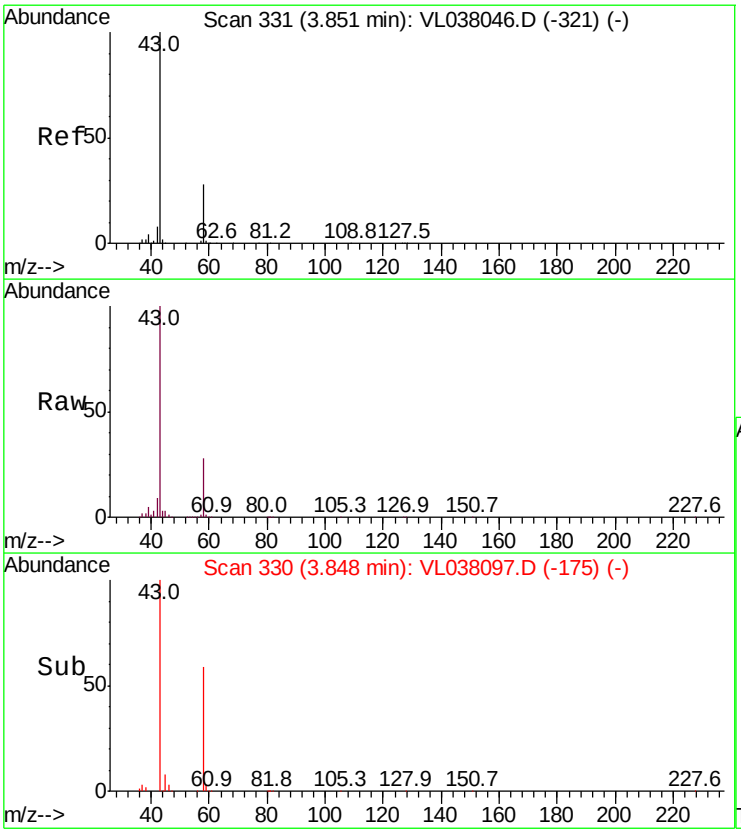
#13
Ethanol
Concen: 2896.469 ppbv
RT: 3.64
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 45 Resp:21177594

Ion	Ratio	Lower	Upper
45	100		
46	42.1	17.6	70.2

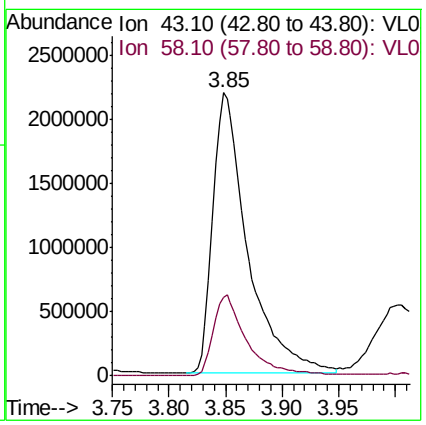


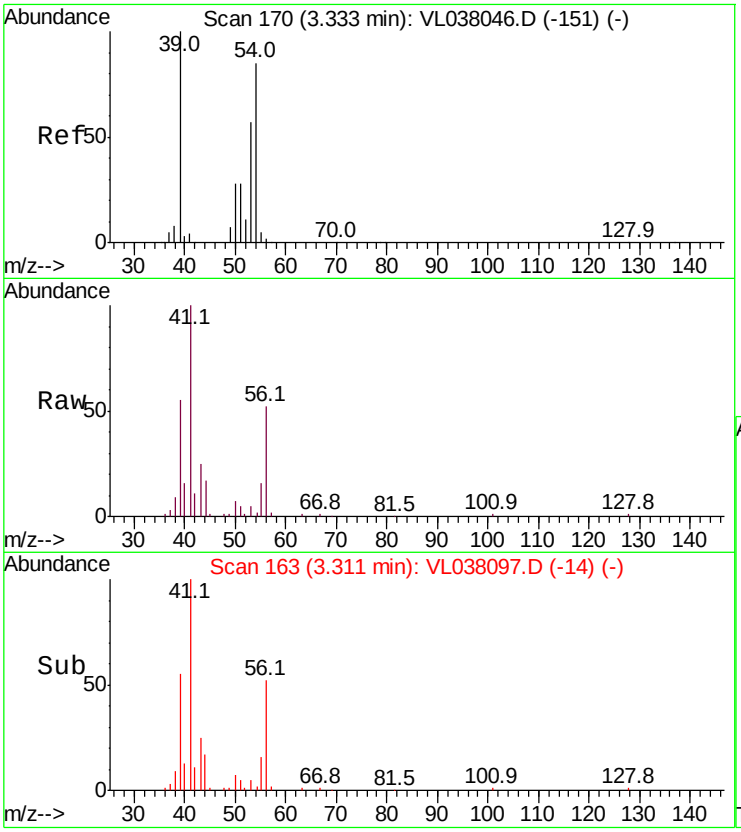


#15
Acetone
Concen: 55.560 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 43 Resp: 4712344

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.4	33.6



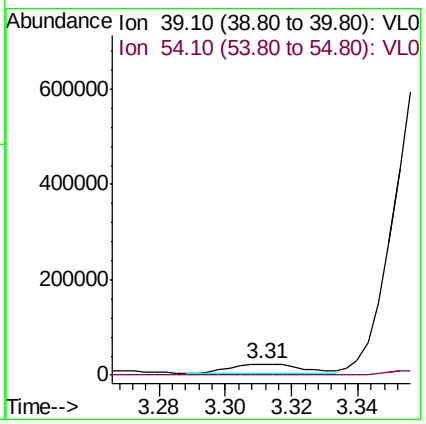


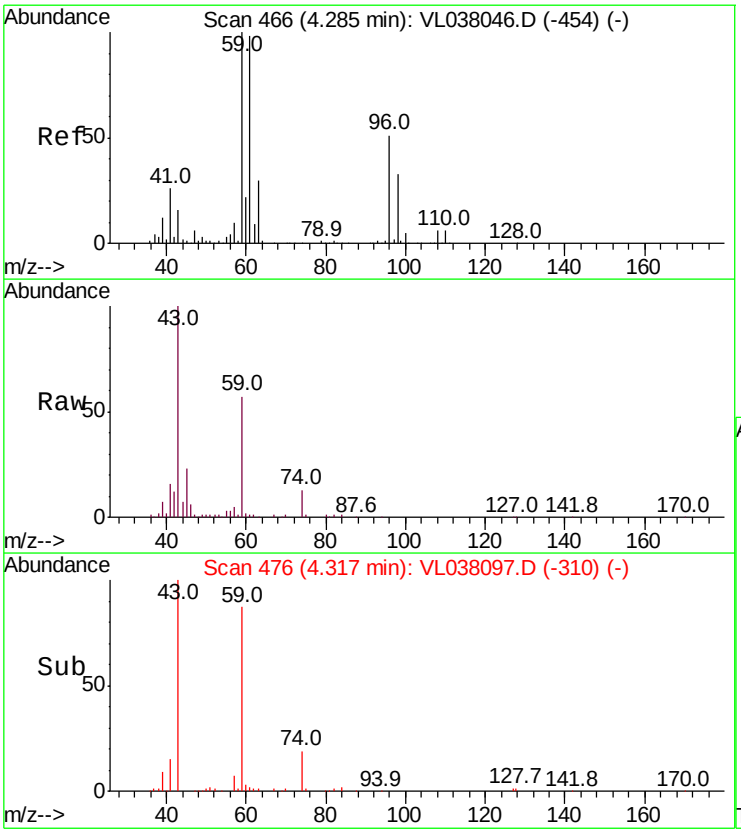
#16
1,3-Butadiene
Concen: 0.435 ppbv
RT: 3.31
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 39 Resp: 28769

Ion	Ratio	Lower	Upper
39	100		
54	0.0	64.4	96.6#

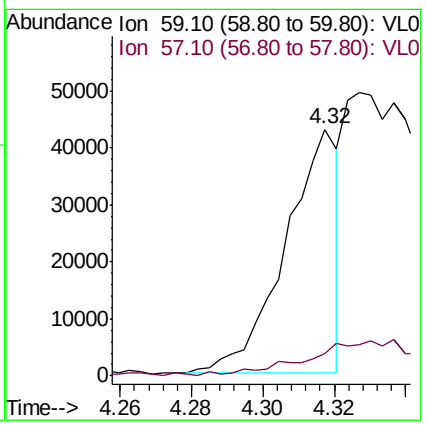


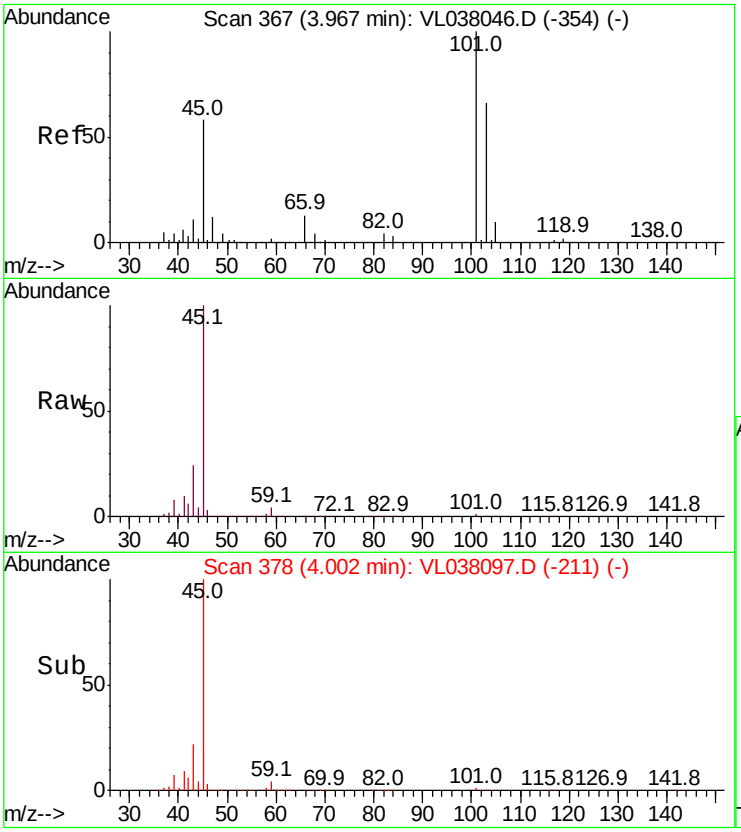


#17
tert-Butyl alcohol
Concen: 0.428 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.03 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 59 Resp: 44057

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



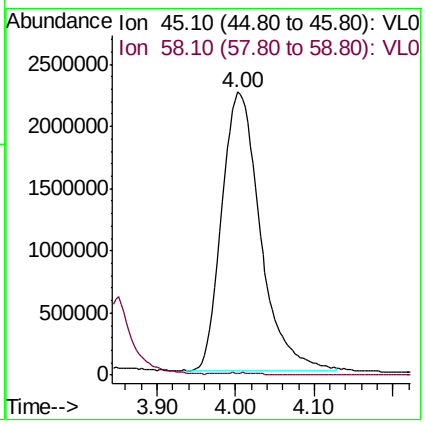


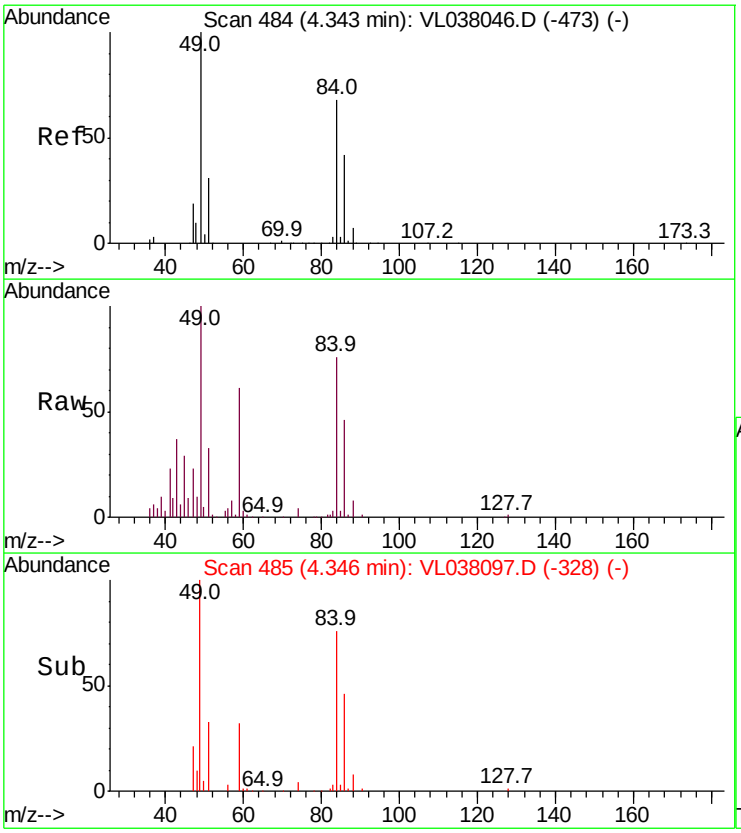
#19
Isopropyl Alcohol
Concen: 125.077 ppbv
RT: 4.00
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 45 Resp: 7665051

Ion	Ratio	Lower	Upper
45	100		
58	1.0	1.4	2.0#

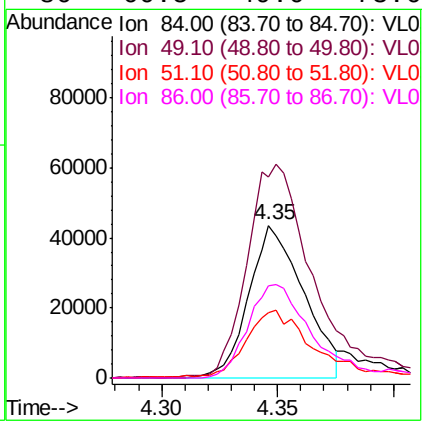


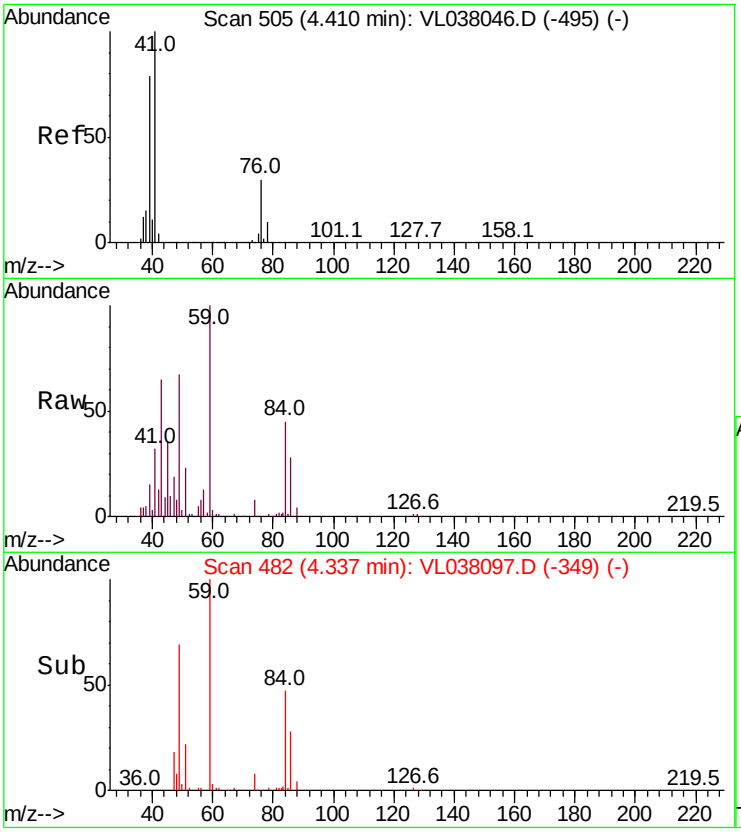


#20
Methylene Chloride
Concen: 1.510 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 84 Resp: 71724

Ion	Ratio	Lower	Upper
84	100		
49	129.6	118.2	177.2
51	41.1	36.8	55.2
86	60.5	49.0	73.6



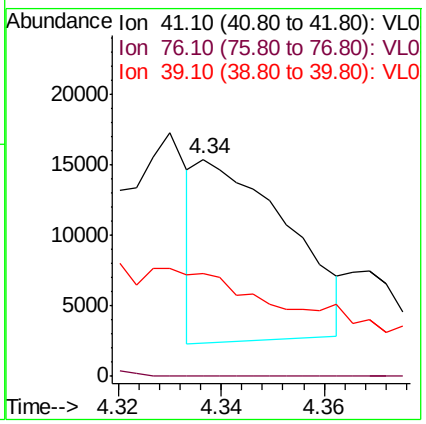


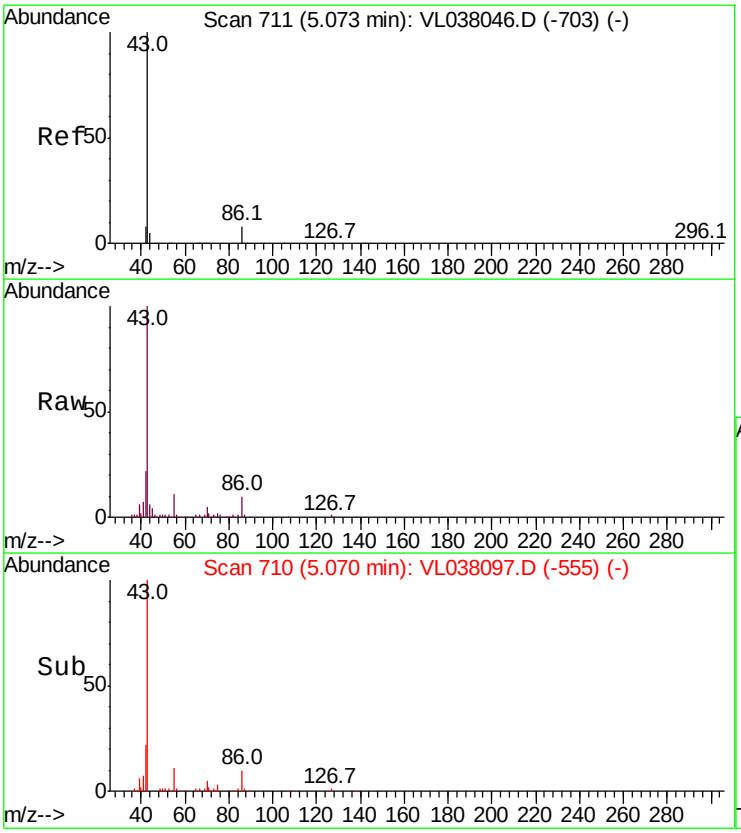
#21
Allvl Chloride
Concen: 0.202 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 41 Resp: 15820

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	36.8#
39	0.0	63.4	95.0#

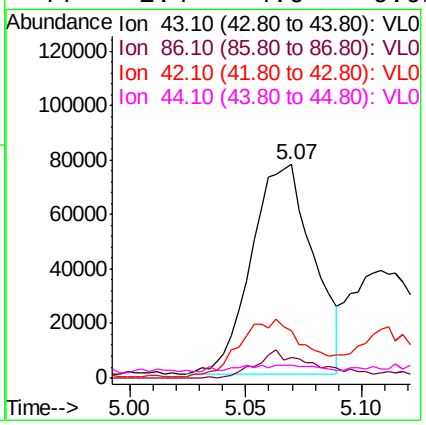


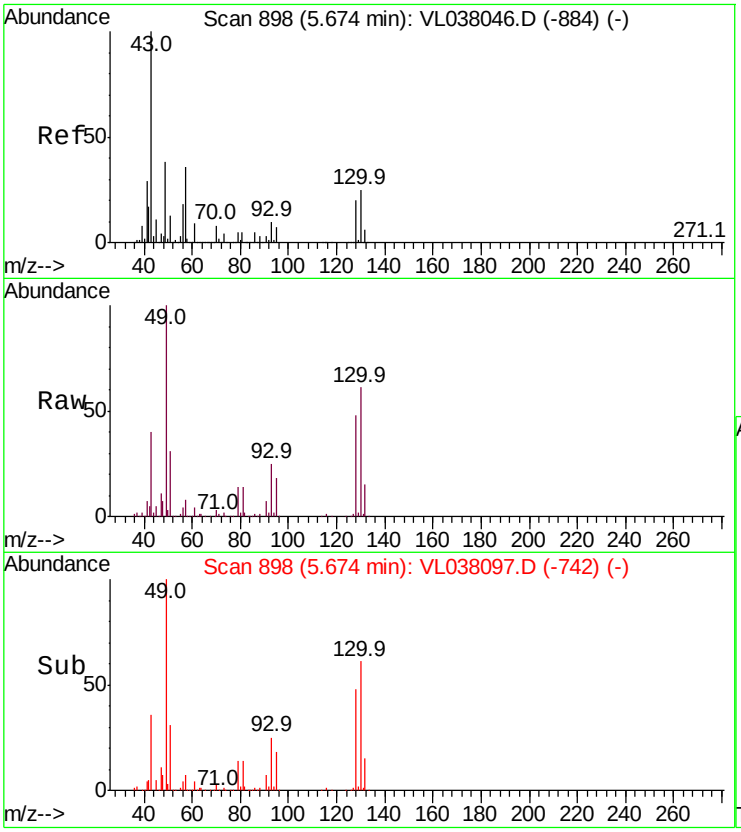


#23
Vinyl Acetate
Concen: 1.170 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 43 Resp: 143681

Ion	Ratio	Lower	Upper
43	100		
86	9.7	5.3	7.9#
42	22.0	7.0	10.6#
44	2.4	4.0	6.0#



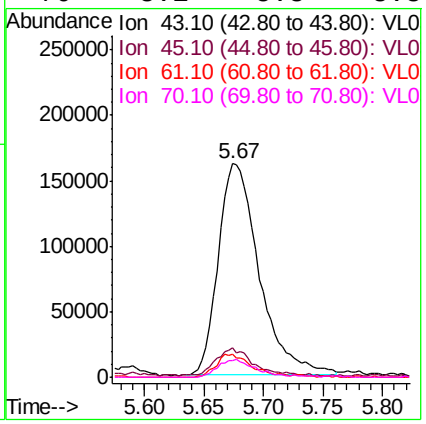


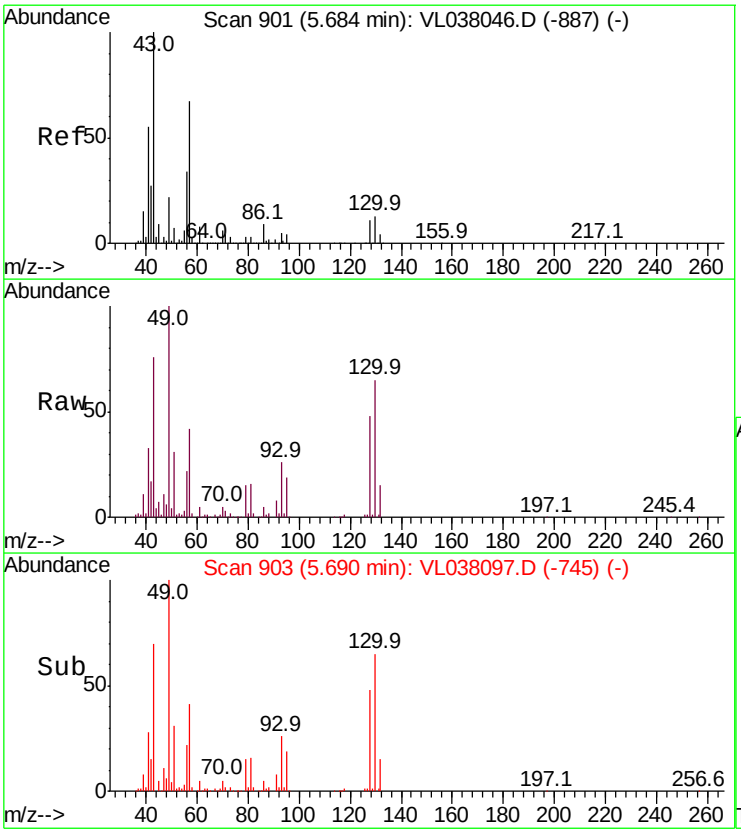
#25
Ethyl Acetate
Concen: 1.371 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 43 Resp: 386480

Ion	Ratio	Lower	Upper
43	100		
45	11.7	7.9	11.9
61	10.1	7.8	11.6
70	8.1	5.8	8.8

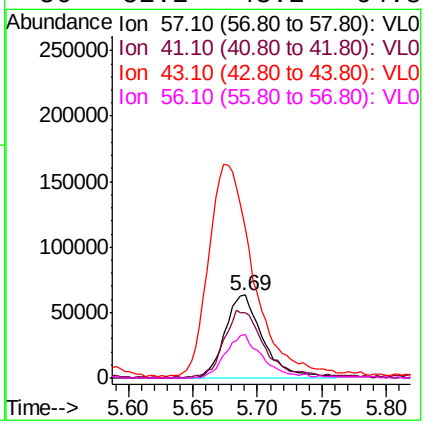


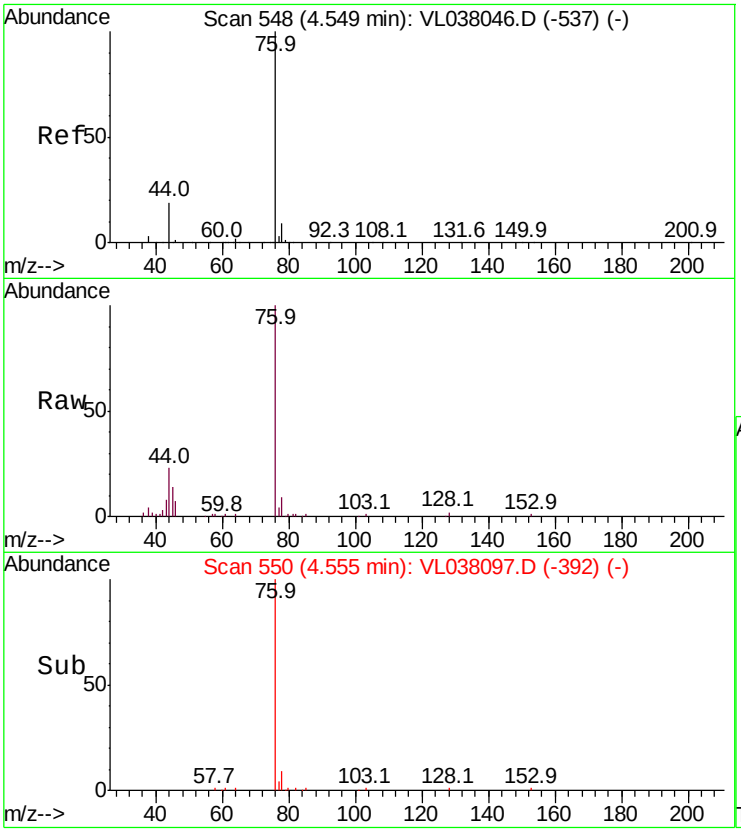


#26
Hexane
Concen: 0.951 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 57 Resp: 129254

Ion	Ratio	Lower	Upper
57	100		
41	88.2	71.4	107.2
43	302.8	174.6	261.8#
56	52.2	43.2	64.8



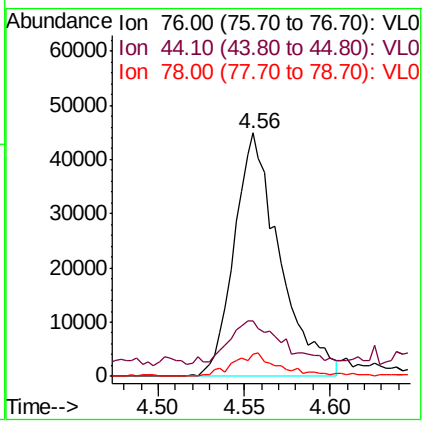


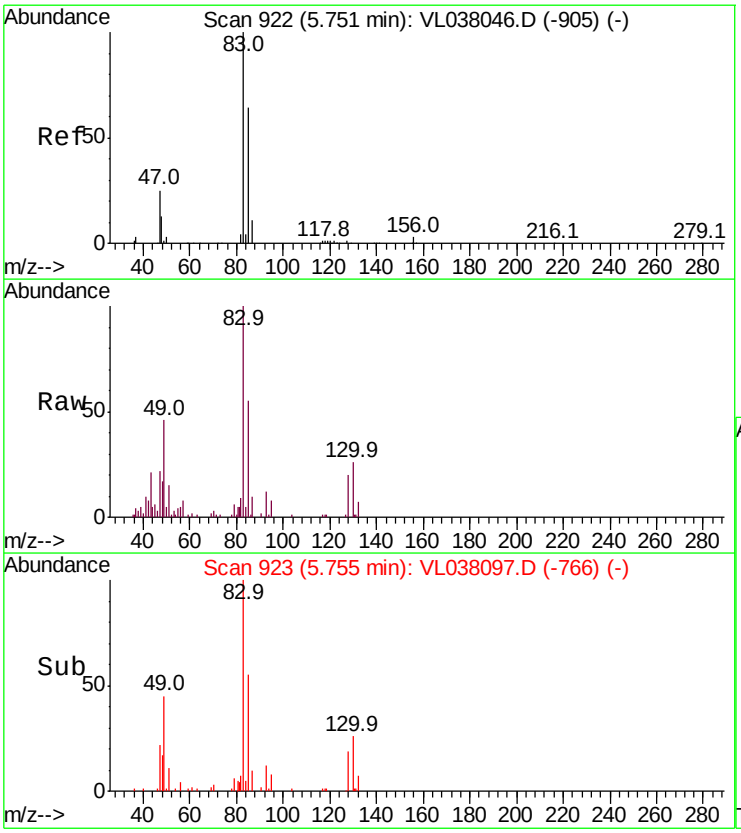
#27
Carbon Disulfide
Concen: 0.675 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 76 Resp: 82210

Ion	Ratio	Lower	Upper
76	100		
44	22.2	14.9	22.3
78	10.3	7.6	11.4

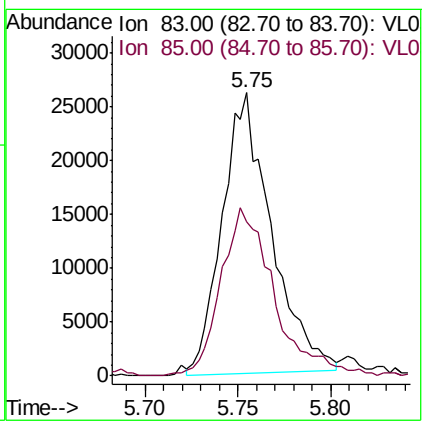


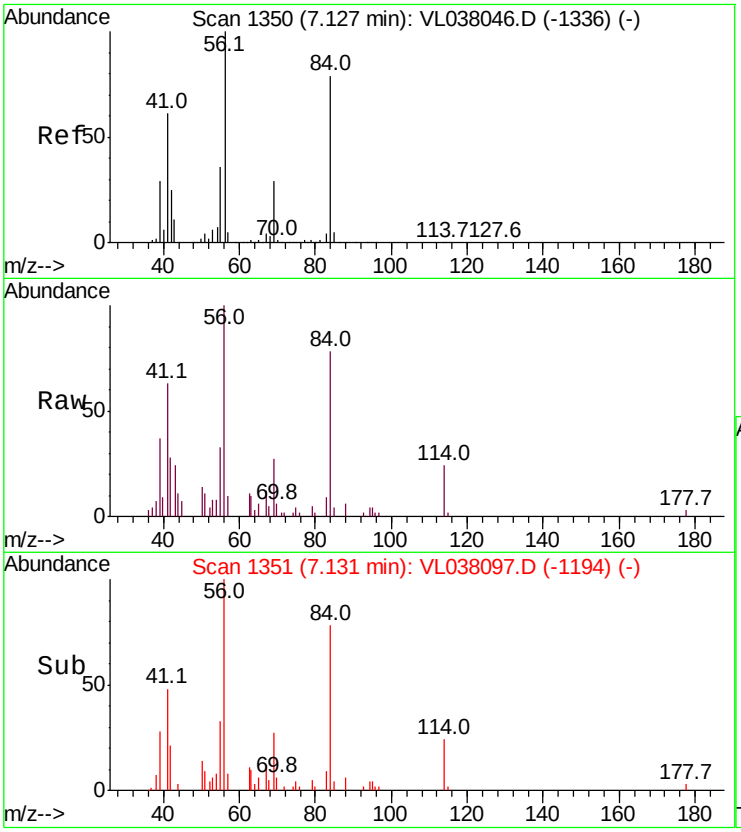


#29
Chloroform
Concen: 0.239 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 83 Resp: 47921

Ion	Ratio	Lower	Upper
83	100		
85	54.1	51.0	76.6



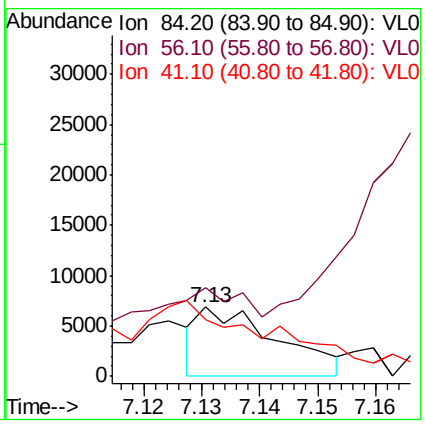


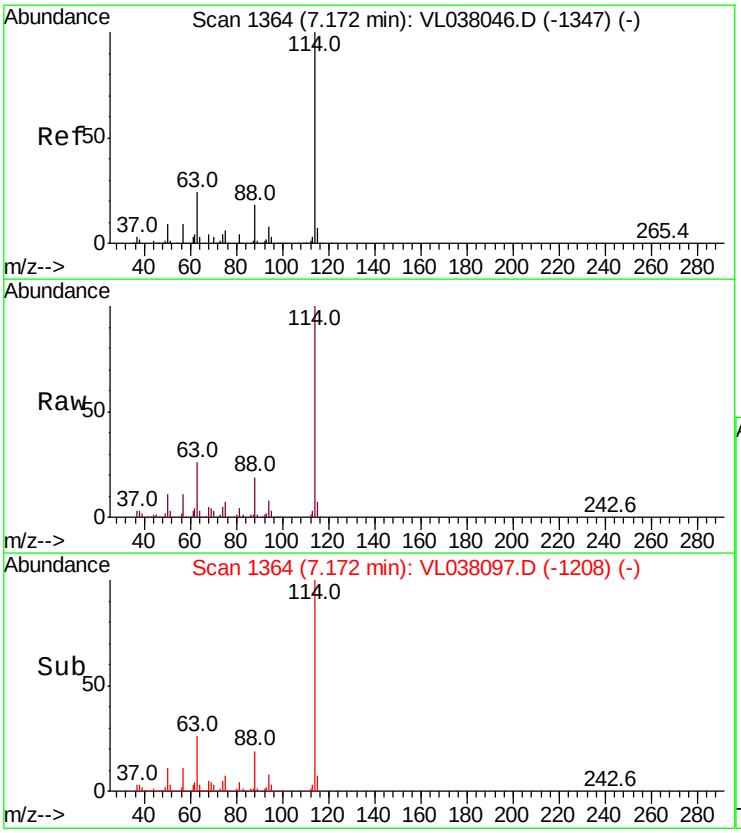
#30
Cyclohexane
Concen: 0.053 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 84 Resp: 6484

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.1	162.1#
41	251.0	64.4	96.6#

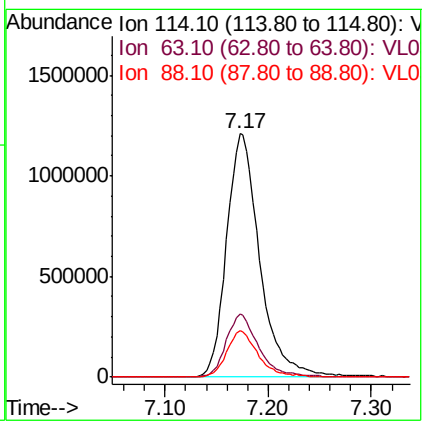


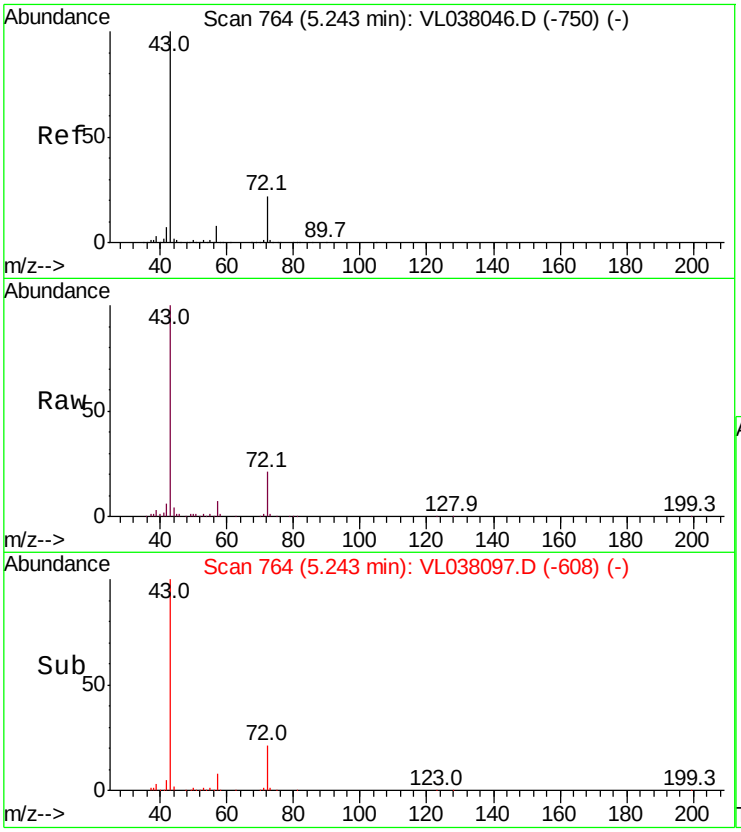


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:114 Resp: 2704567

Ion	Ratio	Lower	Upper
114	100		
63	25.5	19.7	29.5
88	18.5	14.4	21.6



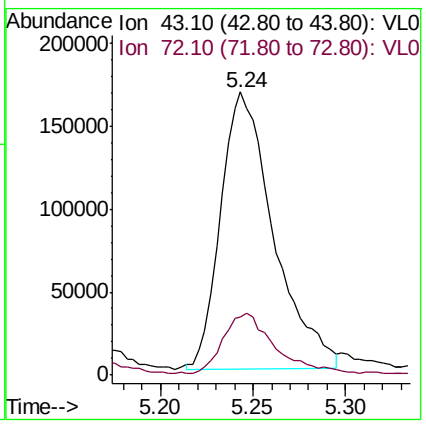


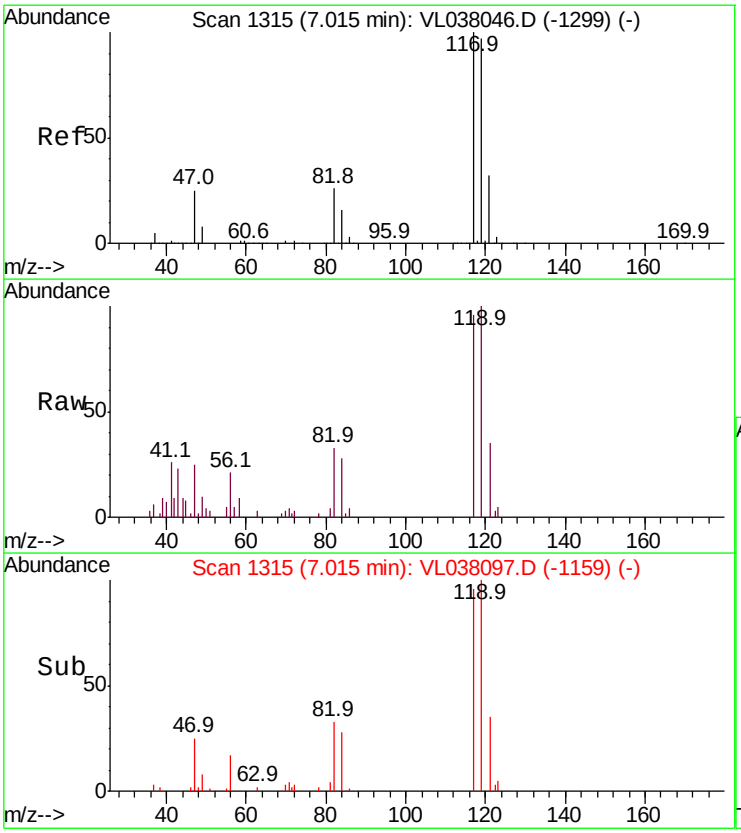
#34
2-Butanone
Concen: 3.024 ppbv
RT: 5.24
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 43 Resp: 329788

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.8	28.2

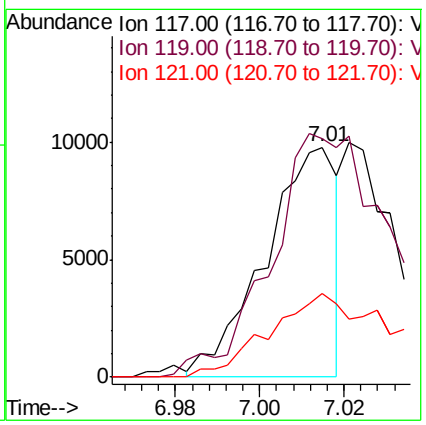


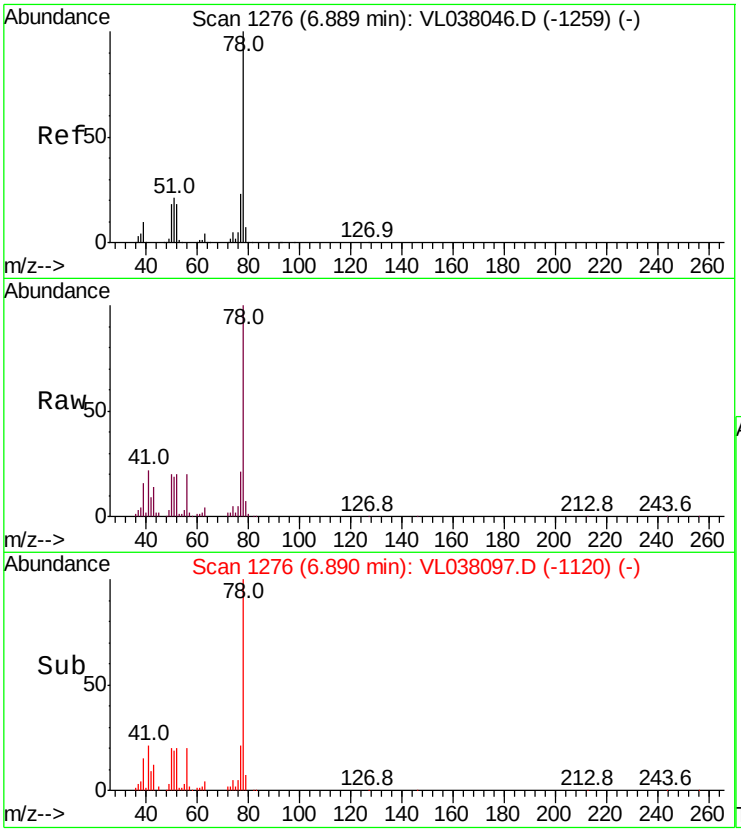


#35
Carbon Tetrachloride
Concen: 0.061 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:117 Resp: 11657

Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.7	116.5
121	37.4	25.6	38.4



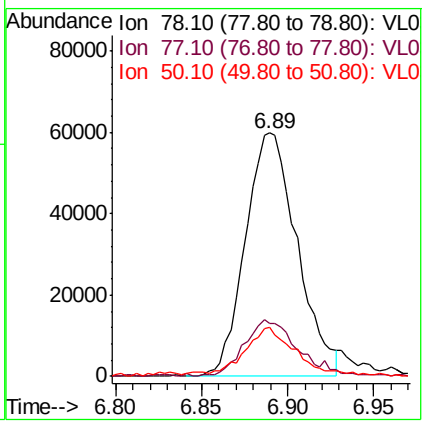


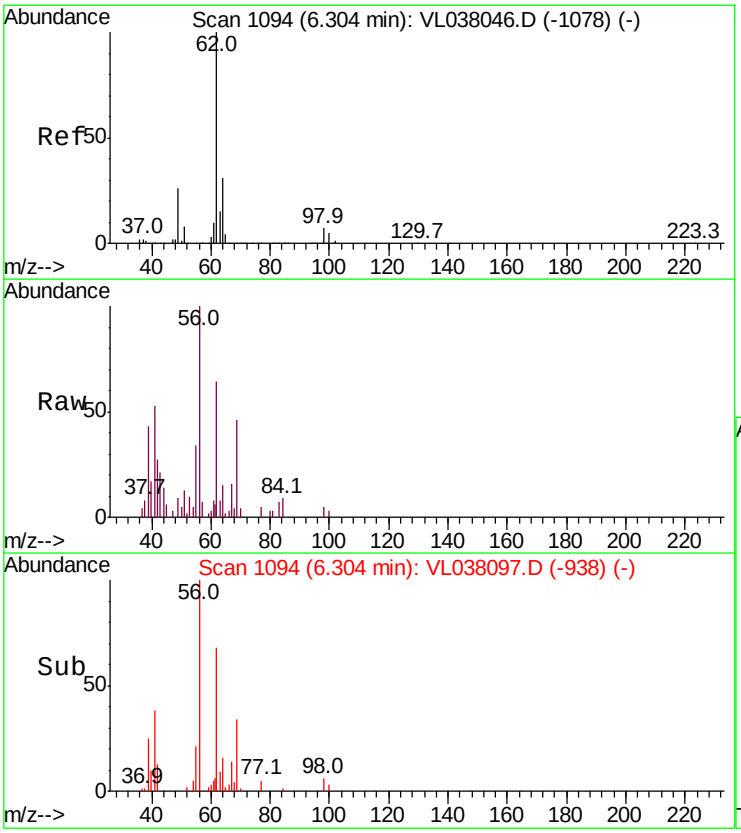
#36
Benzene
Concen: 0.463 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 78 Resp: 124780

Ion	Ratio	Lower	Upper
78	100		
77	20.4	18.2	27.4
50	18.8	14.7	22.1

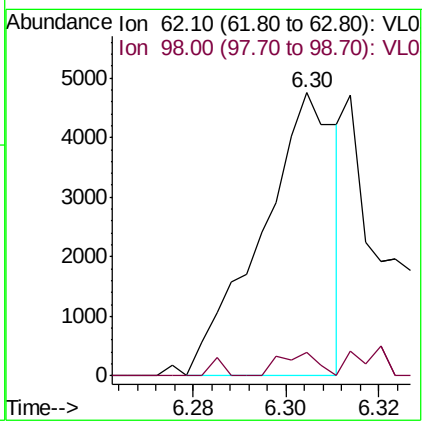


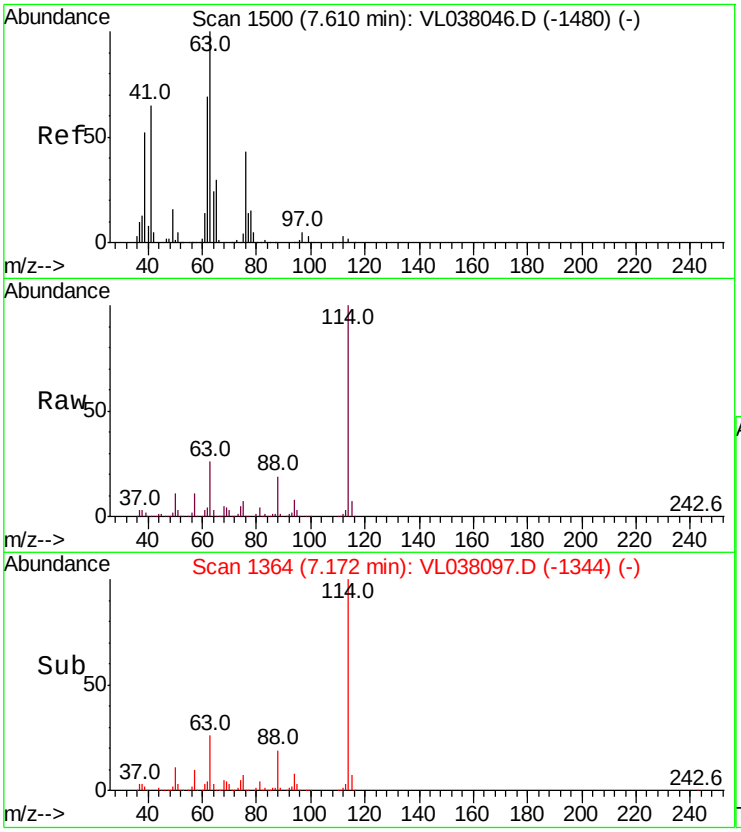


#37
1,2-Dichloroethane
Concen: 0.041 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 62 Resp: 5292

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.8	8.6#



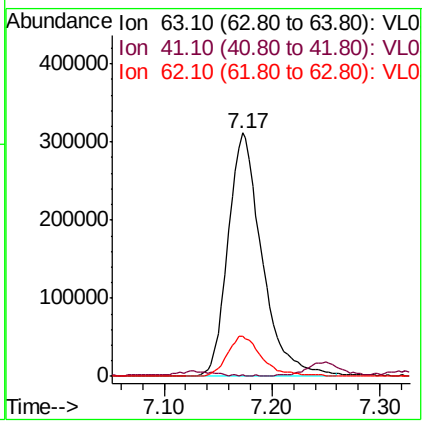


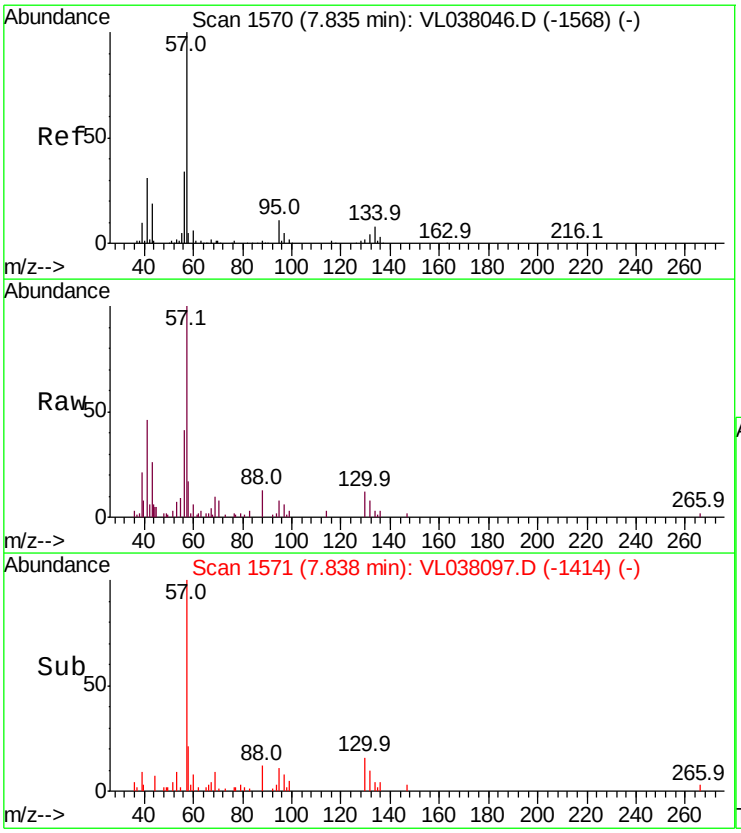
#39
1,2-Dichloropropane
Concen: 6.618 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 63 Resp: 684869

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	16.7	55.1	82.7#

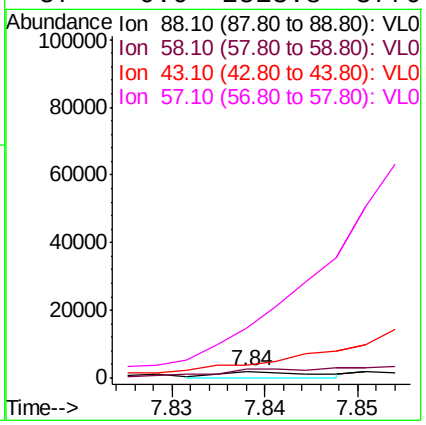


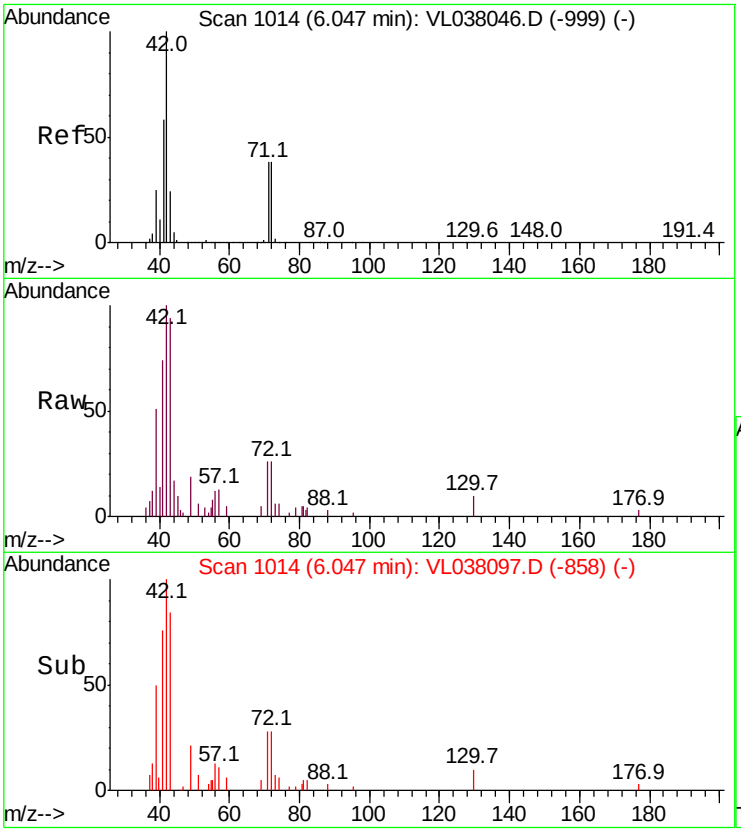


#40
1,4-Dioxane
Concen: 0.050 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 88 Resp: 1357

Ion	Ratio	Lower	Upper
88	100		
58	0.0	229.2	343.8#
43	0.0	553.3	829.9#
57	0.0	2513.8	3770.8#



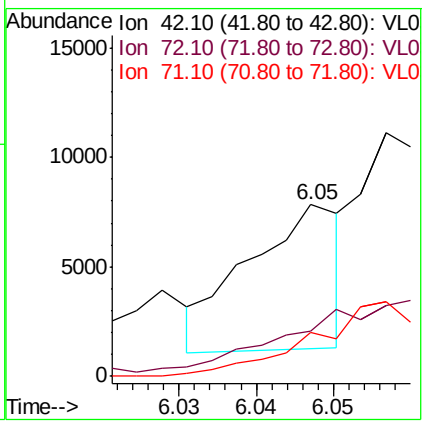


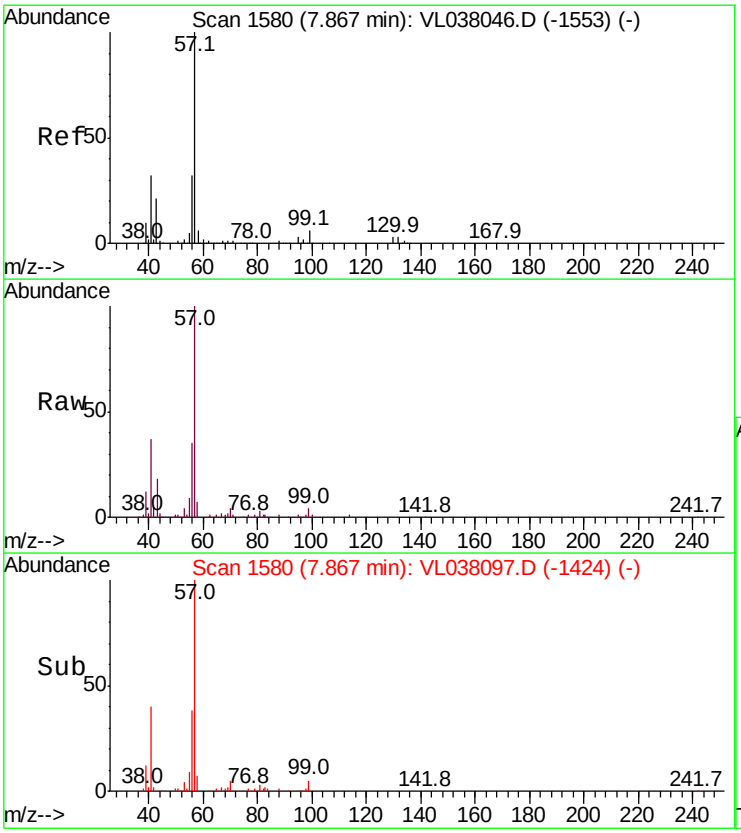
#41
Tetrahydrofuran
Concen: 0.082 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 42 Resp: 5556

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.6	46.0#

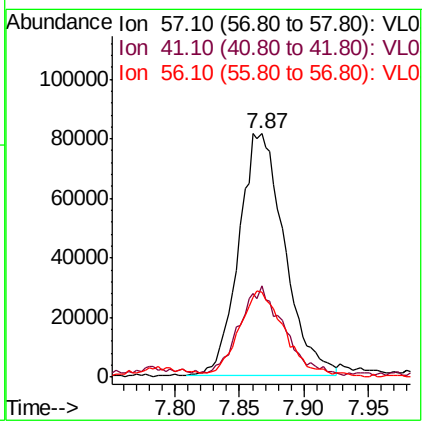


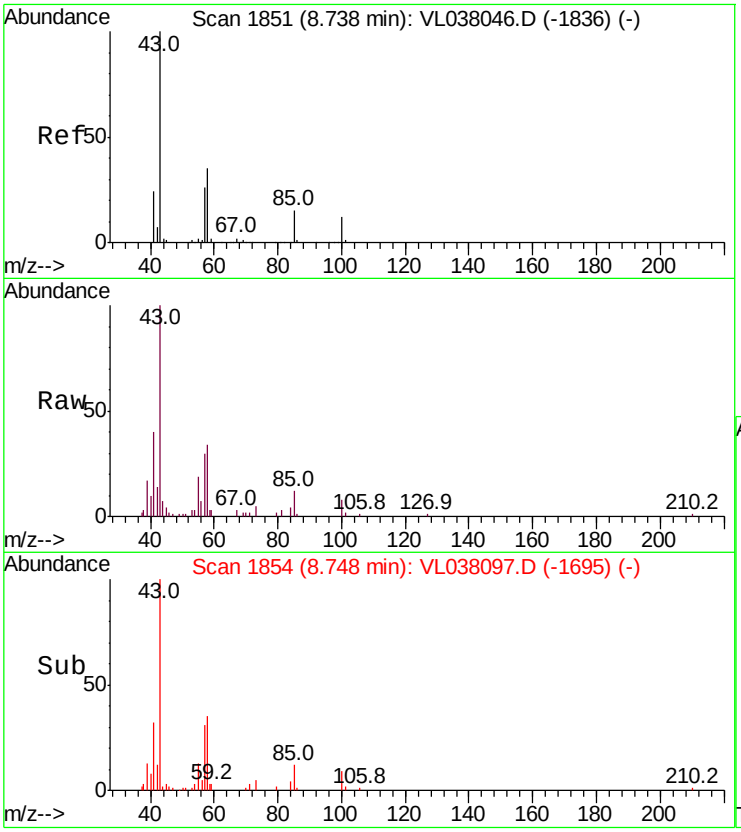


#44
2,2,4-Trimethylpentane
Concen: 0.445 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 57 Resp: 201021

Ion	Ratio	Lower	Upper
57	100		
41	37.5	25.8	38.6
56	37.2	25.6	38.4



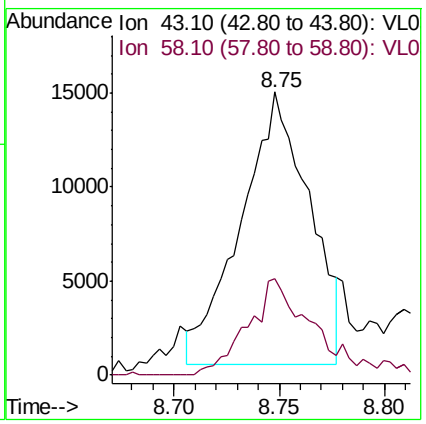


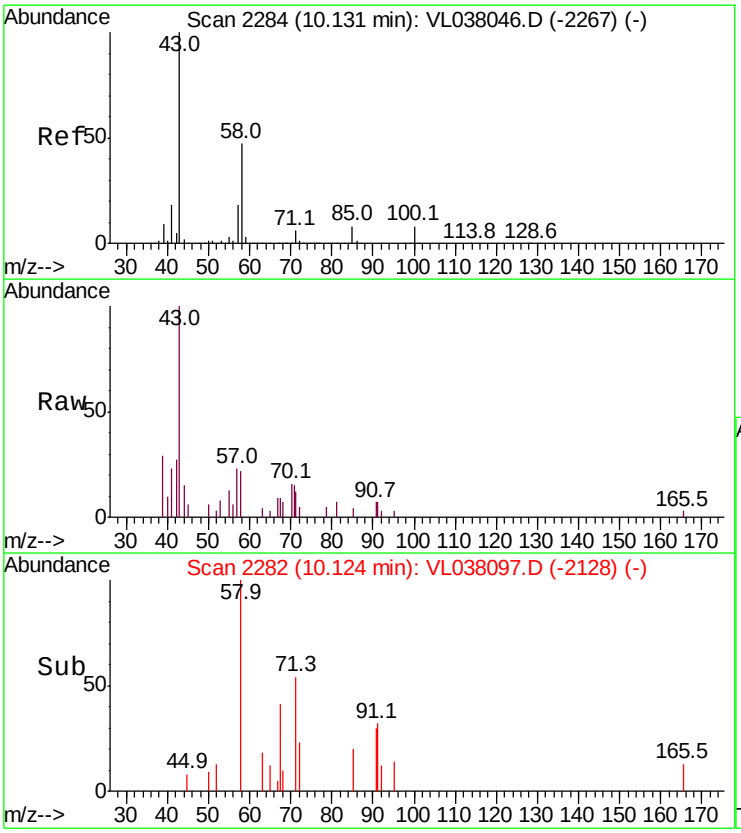
#50
4-Methyl-2-Pentanone
Concen: 0.197 ppbv
RT: 8.75
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 43 Resp: 32681

Ion	Ratio	Lower	Upper
43	100		
58	34.5	29.4	44.2

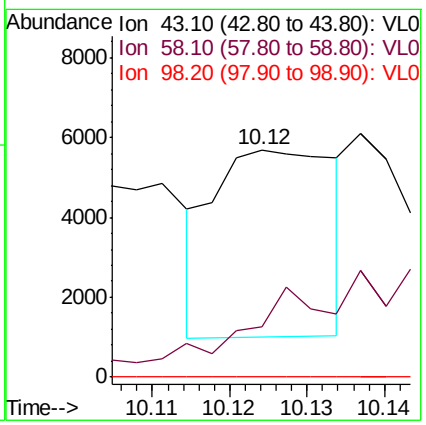


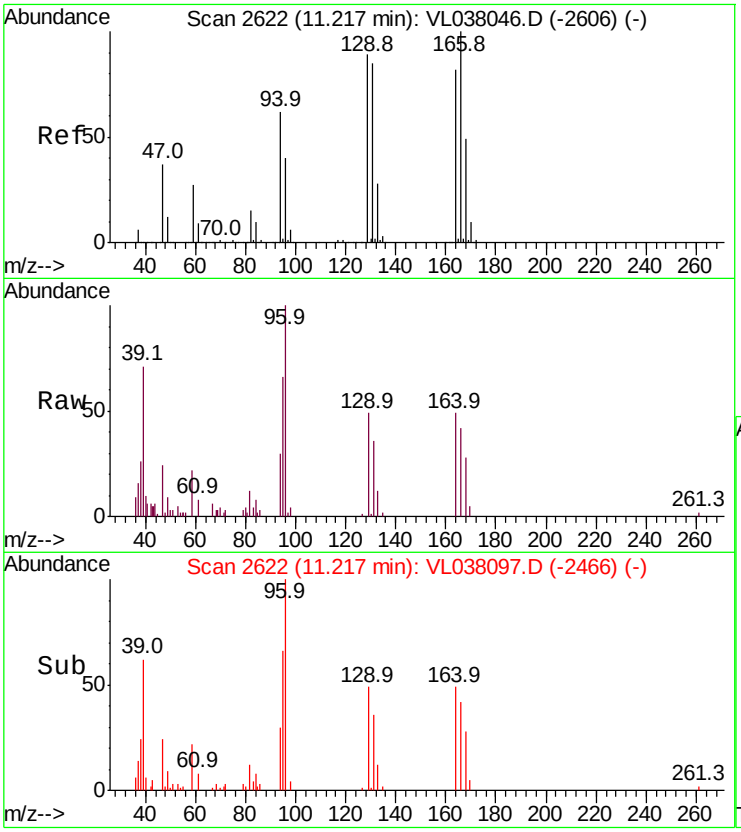


#51
2-Hexanone
Concen: 0.065 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. -0.01 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 43 Resp: 5049

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
98	0.0	0.1	0.1#



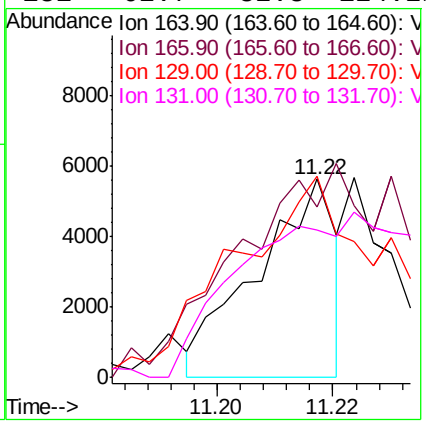


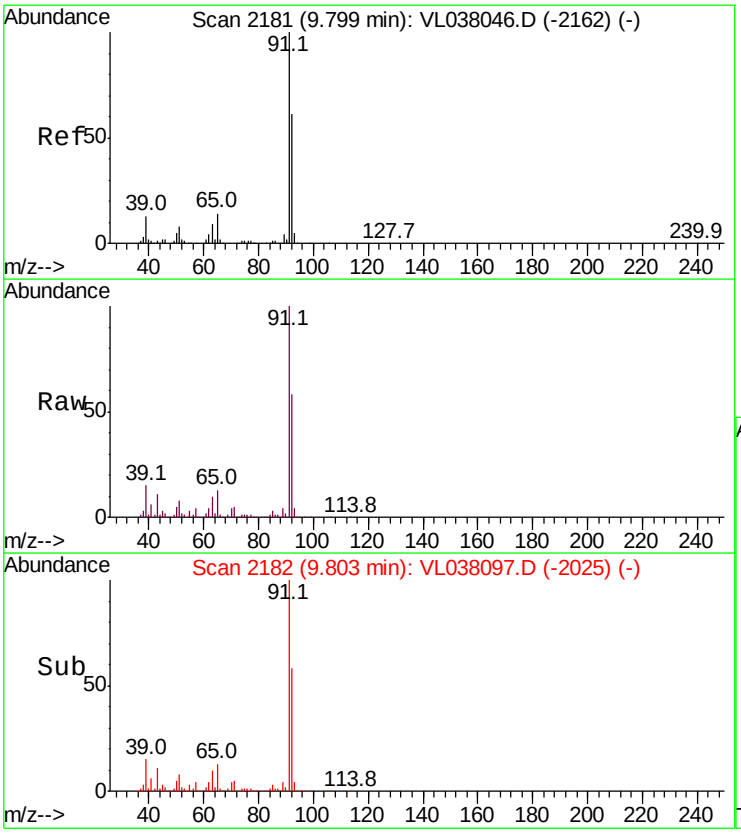
#52
Tetrachloroethene
Concen: 0.053 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:164 Resp: 5332

Ion	Ratio	Lower	Upper
164	100		
166	56.2	97.2	145.8#
129	72.1	86.9	130.3#
131	62.7	82.8	124.2#

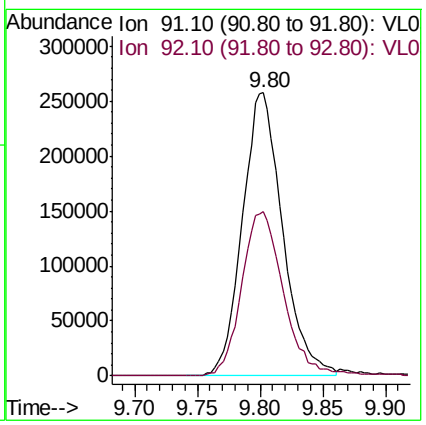


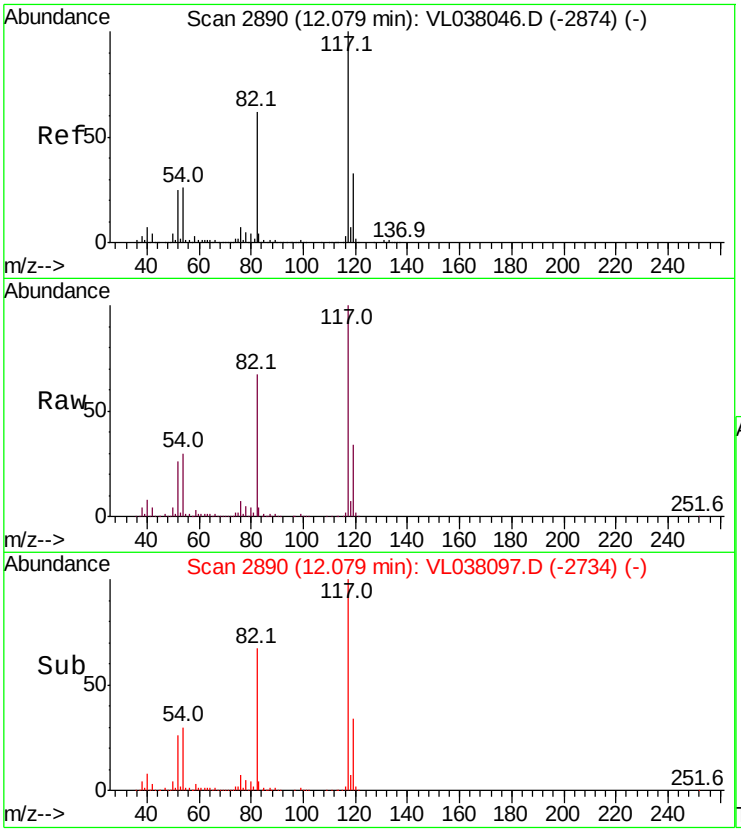


#53
Toluene
Concen: 1.852 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 91 Resp: 574753

Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.7	74.5



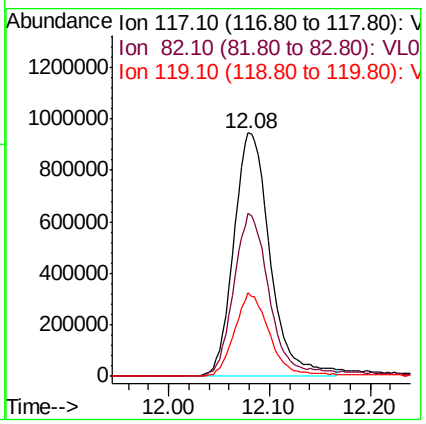


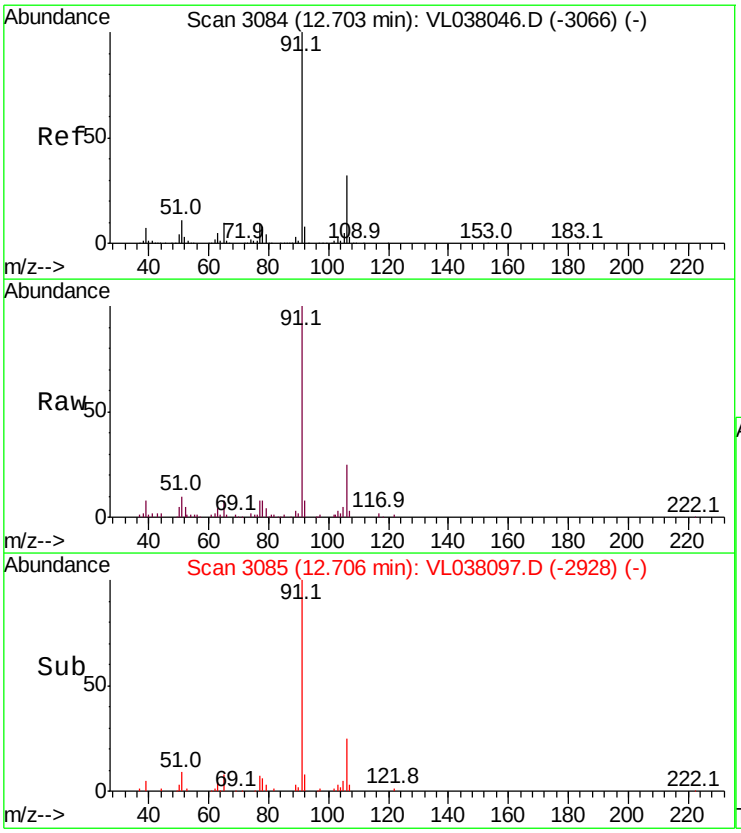
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:23

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:117 Resp: 2363124

Ion	Ratio	Lower	Upper
117	100		
82	69.8	52.8	79.2
119	33.3	26.8	40.2

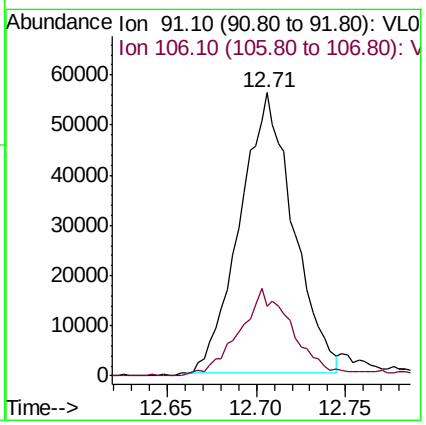


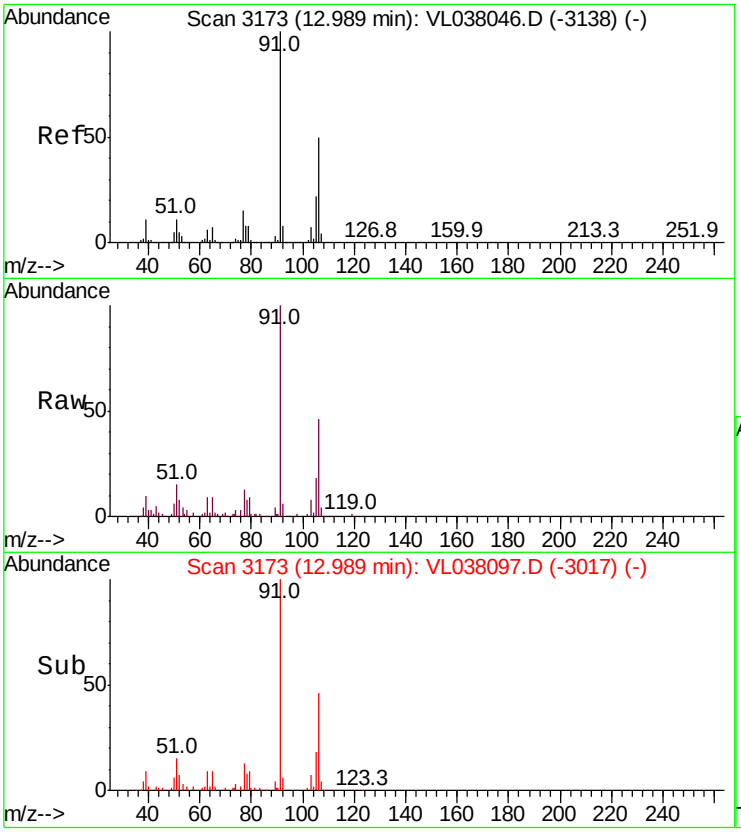


#58
Ethyl Benzene
Concen: 0.299 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 91 Resp: 116847

Ion	Ratio	Lower	Upper
91	100		
106	24.2	25.8	38.6#



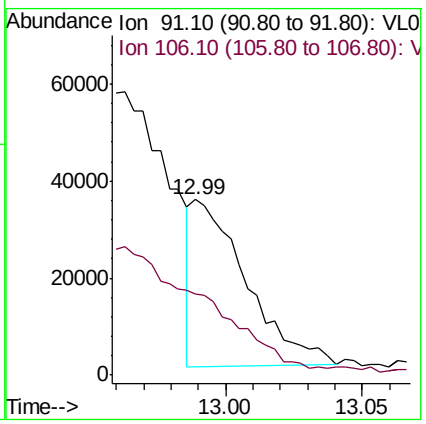


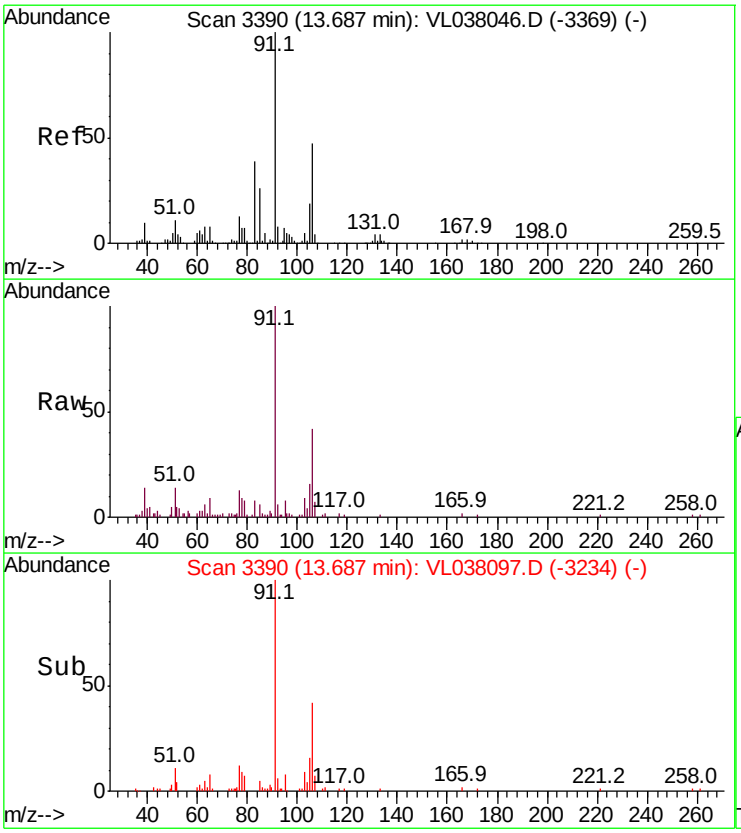
#59
m/p-Xylene
Concen: 0.142 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 91 Resp: 46626

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.1	57.1#

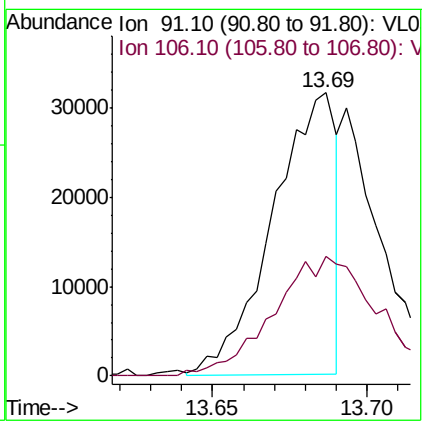


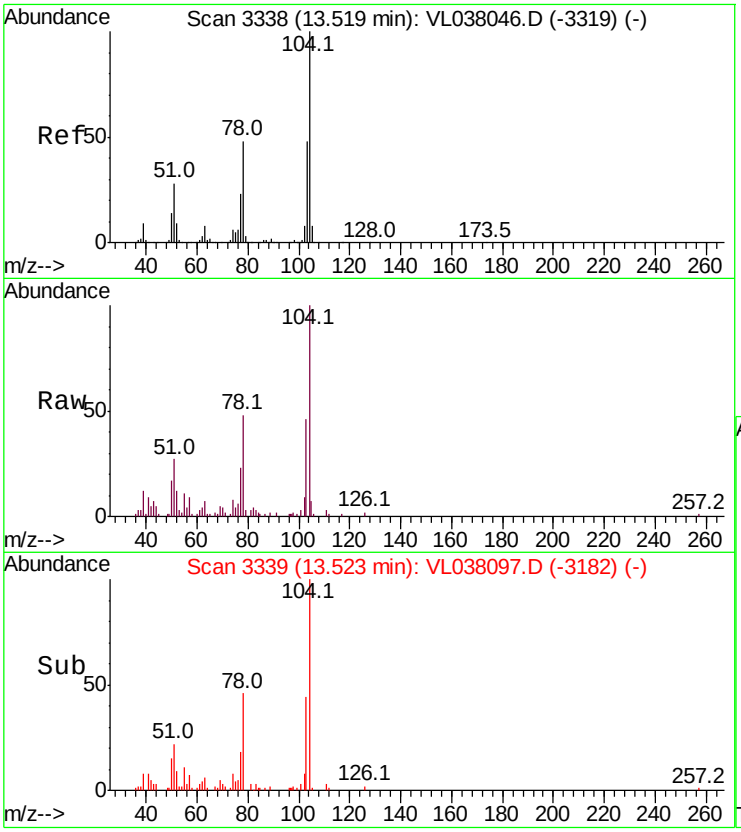


#60
o-Xylene
Concen: 0.147 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion: 91 Resp: 44817

Ion	Ratio	Lower	Upper
91	100		
106	72.6	24.2	72.6



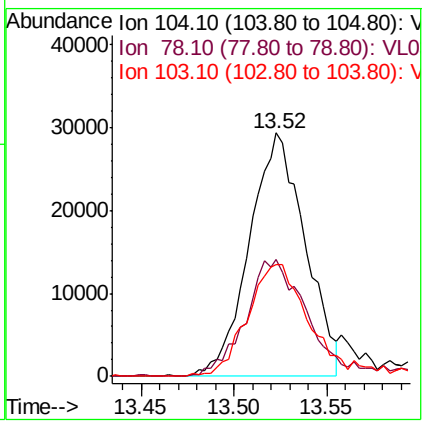


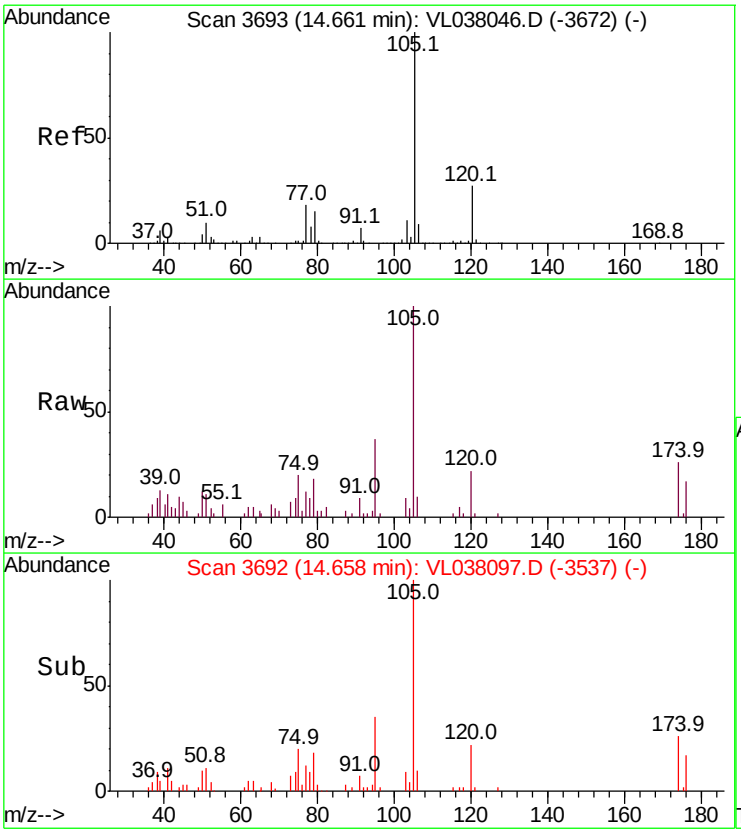
#61
Stvrene
Concen: 0.375 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:23

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:104 Resp: 61381

Ion	Ratio	Lower	Upper
104	100		
78	57.1	39.8	59.6
103	50.5	38.2	57.2

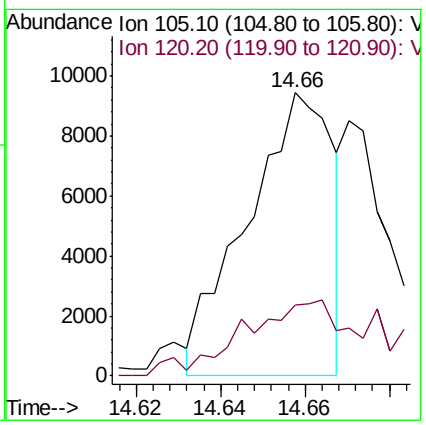


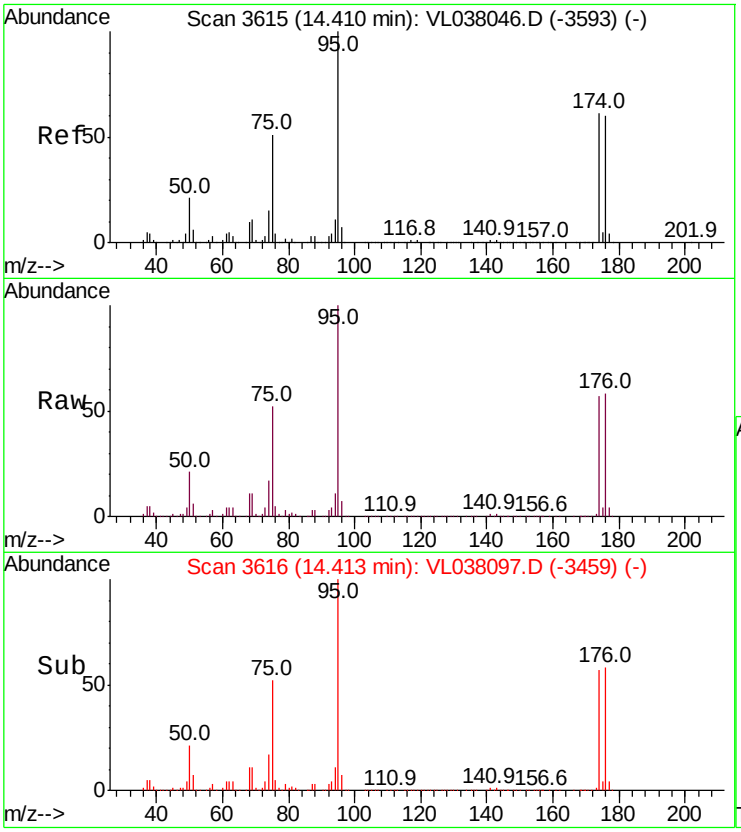


#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:105 Resp: 13339

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.8	32.6#



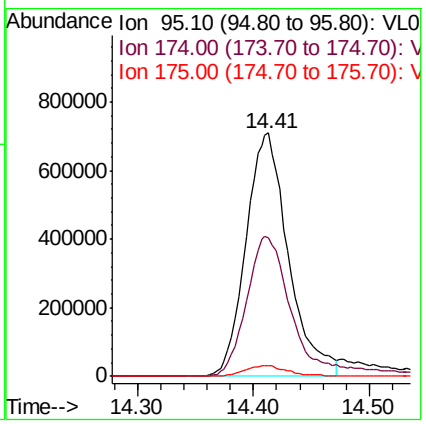


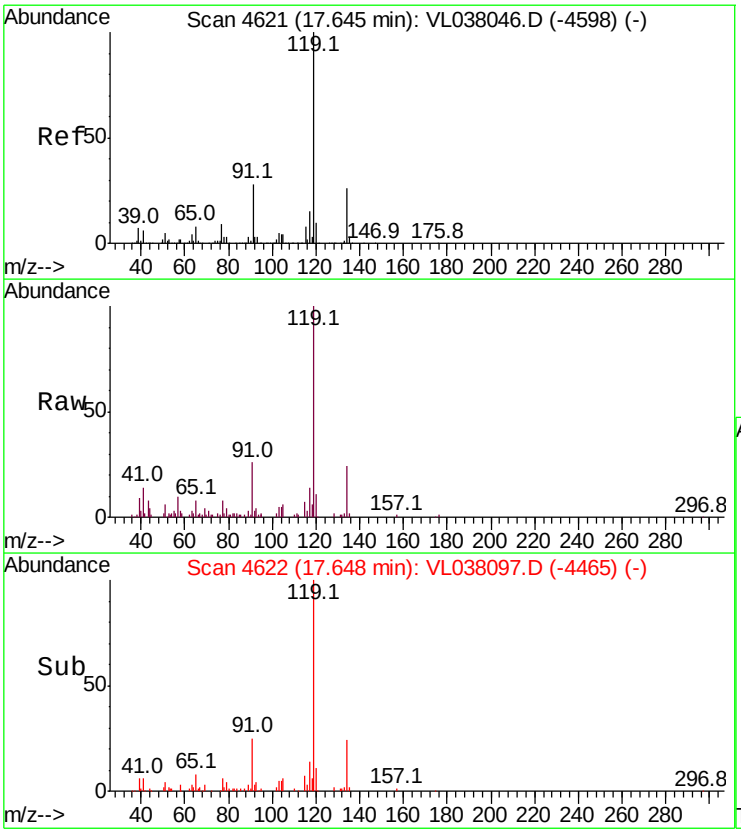
#68
1-Bromo-4-Fluorobenzene
Concen: 10.588 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion: 95 Resp: 1804805

Ion	Ratio	Lower	Upper
95	100		
174	64.1	53.1	79.7
175	4.9	4.0	6.0

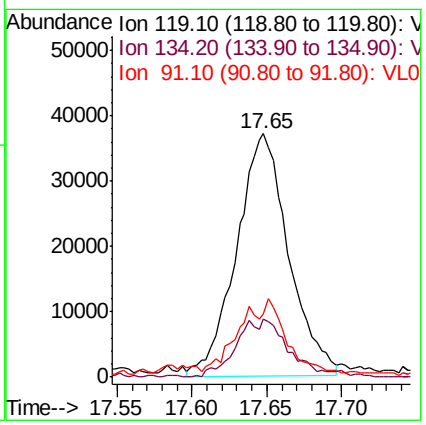


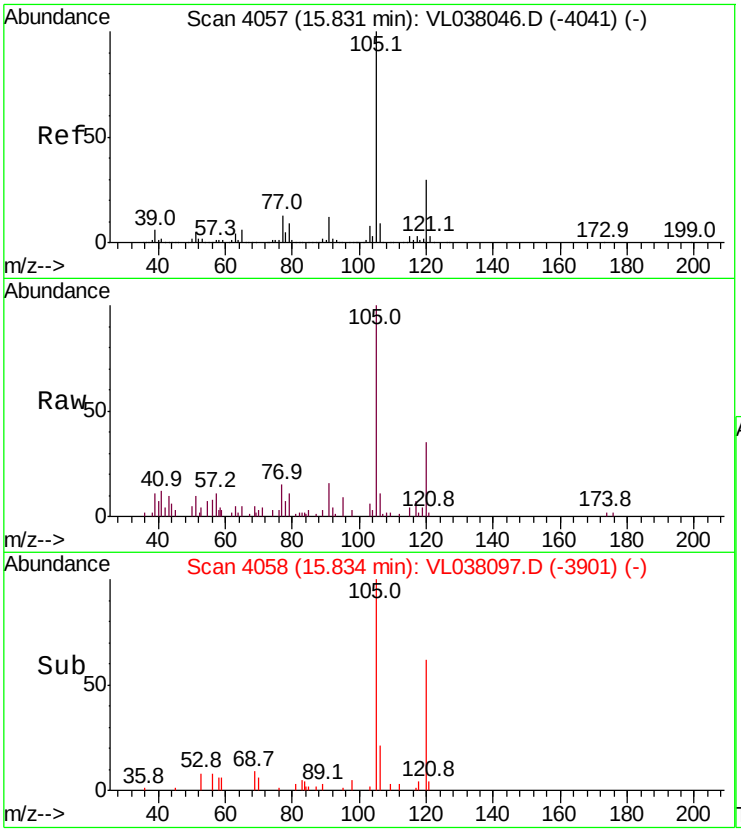


#69
p-Isopropyltoluene
Concen: 0.217 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:119 Resp: 90122

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.6	30.8
91	34.2	22.2	33.4#



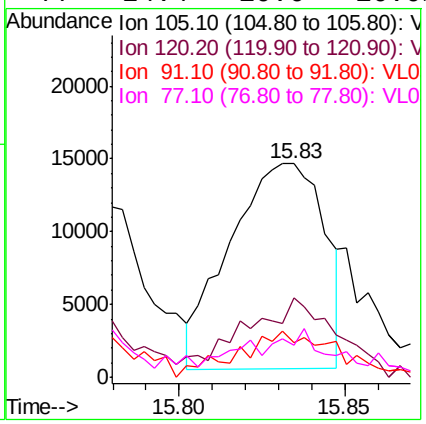


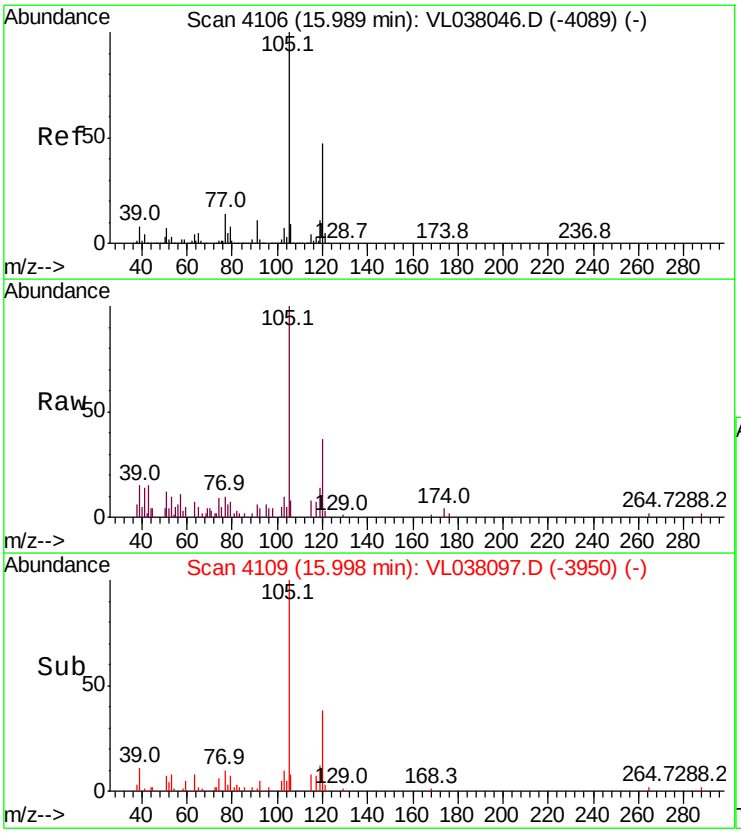
#72
4-Ethyltoluene
Concen: 0.079 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:105 Resp: 28027

Ion	Ratio	Lower	Upper
105	100		
120	37.6	25.1	37.7
91	25.3	9.7	14.5#
77	24.4	10.6	16.0#

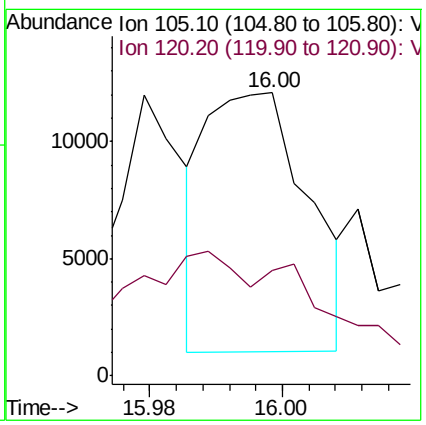


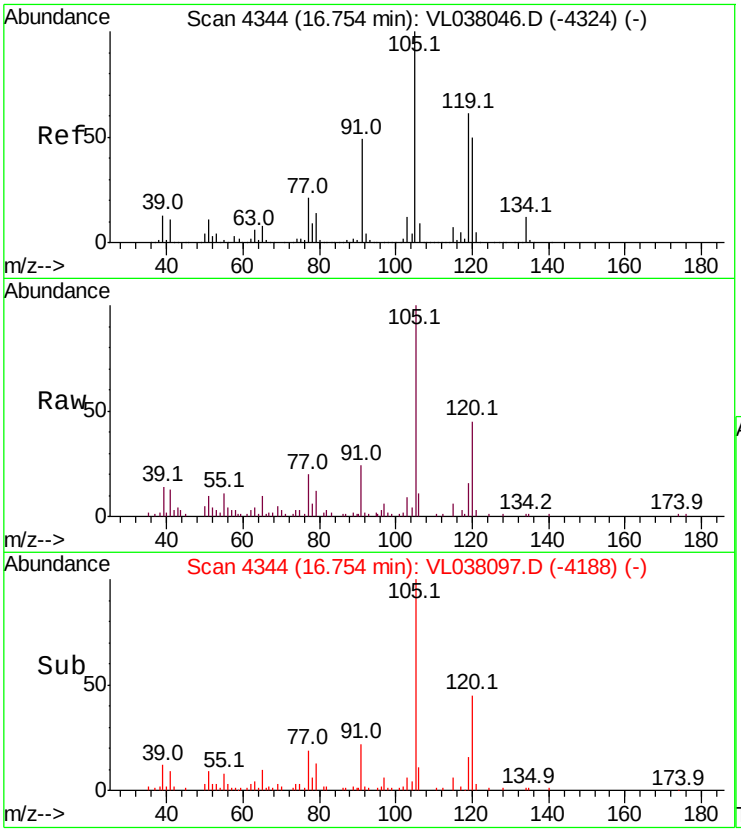


#73
1,3,5-Trimethylbenzene
Concen: 0.036 ppbv
RT: 16.00 min Scan# 4109
Delta R.T. 0.01 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:105 Resp: 11770

Ion	Ratio	Lower	Upper
105	100		
120	30.8	37.8	56.6#



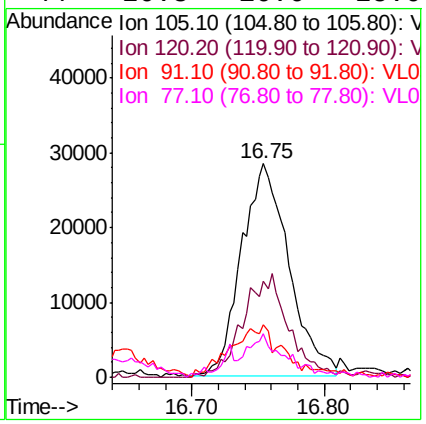


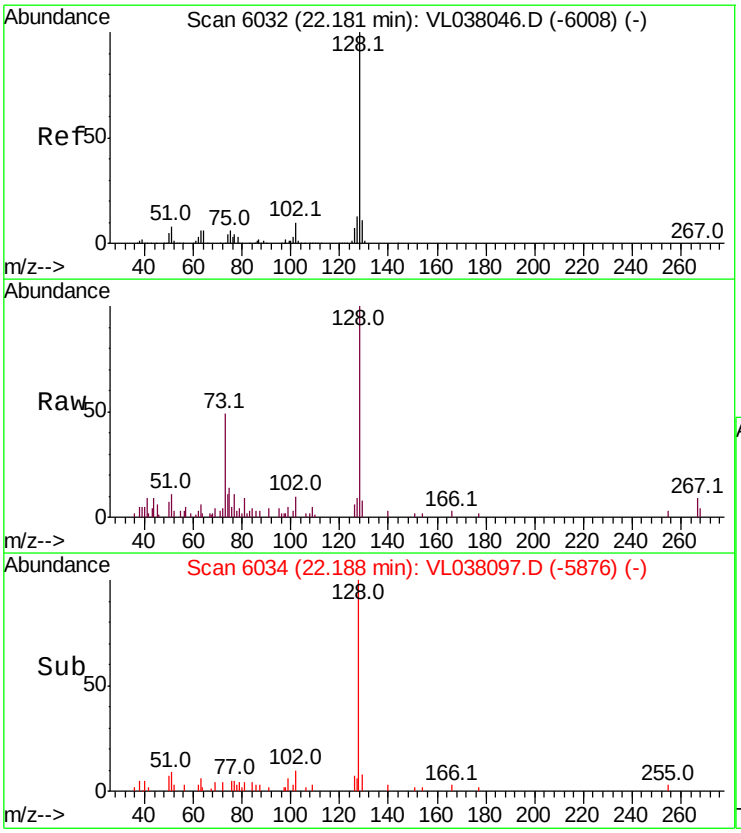
#74
1,2,4-Trimethylbenzene
Concen: 0.213 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:105 Resp: 70885

Ion	Ratio	Lower	Upper
105	100		
120	45.0	40.1	60.1
91	23.3	39.8	59.8#
77	20.3	16.6	25.0

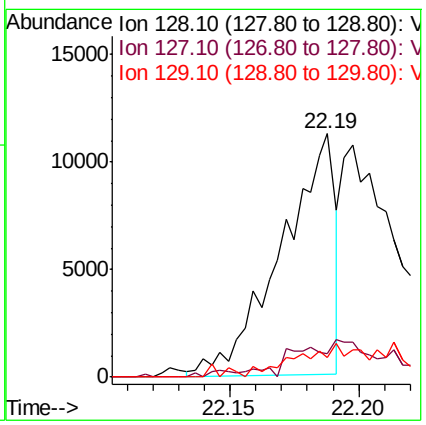


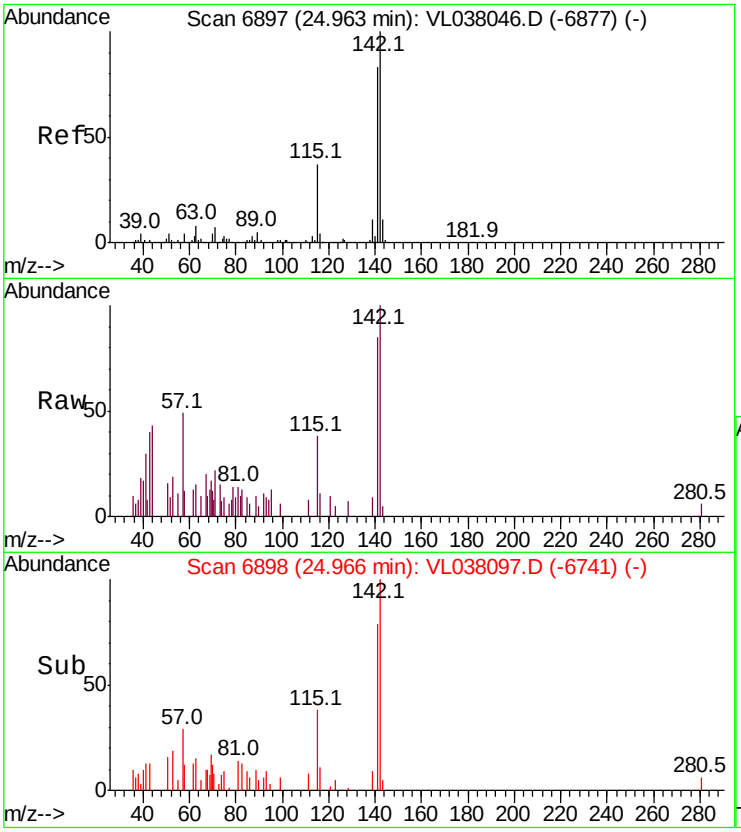


#79
Naphthalene
Concen: 0.092 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. 0.01 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:128 Resp: 16161

Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.4	15.6#
129	8.2	8.9	13.3#



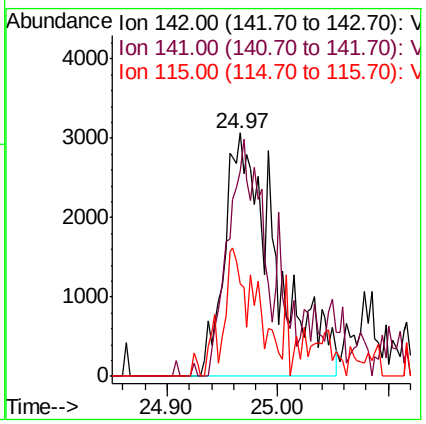


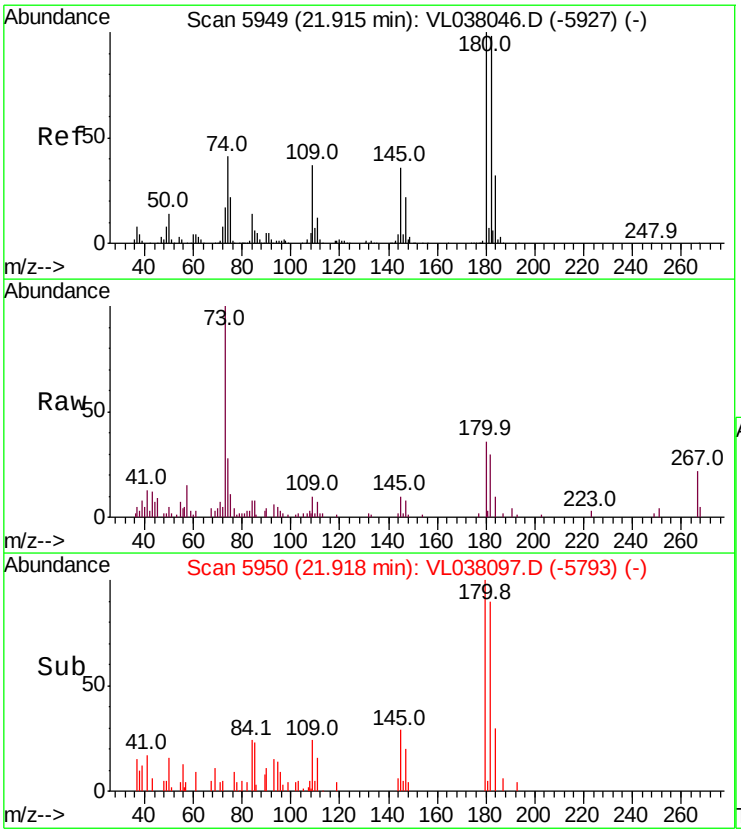
#80
Naphthalene,2-methyl-
Concen: 0.264 ppbv
RT: 24.97
Delta R.T
Lab File:
Acq: 23 Nov 2021 13:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARRE

Tgt Ion:142 Resp: 9918

Ion	Ratio	Lower	Upper
142	100		
141	74.6	67.3	100.9
115	34.5	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 0.066 ppbv
RT: 21.92 min Scan# 5950
Delta R.T. 0.00 min
Lab File: VL038097.D
Acq: 23 Nov 2021 13:25

Tgt Ion:180 Resp: 6648

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.4	116.2#
184	0.0	25.0	37.4#