Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110921\
Data File : VL037997.D
Acq On : 10 Nov 2021 2:41
Operator : SY/AP
Sample : M4597-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 10 04:50:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1288556	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3723067	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3092041	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2181343	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.00	51	2483782	10.354	ppbv #	91
4) Chloromethane	3.14	50	26948	0.296	ppbv	89
9) Propene	3.21	41	406336	4.725	ppbv	97
10) Heptane	8.12	43	8851	0.044	ppbv #	28
11) Trichlorofluoromethane	3.95	101	36583	0.202	ppbv	100
13) Ethanol	3.62	45	29532	3.404	ppbv #	32
15) Acetone	3.86	43	343997	3.231	ppbv #	61
16) 1,3-Butadiene	3.34	39	2733	0.033	ppbv #	10
19) Isopropyl Alcohol	3.98	45	90548	1.330	ppbv #	85
20) Methylene Chloride	4.35	84	19347	0.331	ppbv #	74
22) trans-1,2-Dichloroethene	4.89	96	565039	8.767	ppbv	94
23) Vinyl Acetate	5.07	43	8587	0.054	ppbv #	1
24) 1,1-Dichloroethane	4.94	63	6404	0.048	ppbv #	1
25) Ethyl Acetate	5.68	43	30035	0.095	ppbv #	85
26) Hexane	5.69	57	68073	0.454	ppbv #	49
34) 2-Butanone	5.25	43	251224	1.821	ppbv	95
36) Benzene	6.89	78	78378	0.259	ppbv	97
38) Trichloroethene	7.83	130	35970	0.286	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	864140	7.575	ppbv #	29
44) 2,2,4-Trimethylpentane	7.87	57	36259	0.070	ppbv #	26
52) Tetrachloroethene	11.21	164	11990	0.104	ppbv	83
53) Toluene	9.81	91	296792	0.913	ppbv	99
58) Ethyl Benzene	12.71	91	48036	0.127	ppbv	98
59) m/p-Xylene	12.99	91	18625	0.055	ppbv #	30
60) o-Xylene	13.69	91	72282	0.228	ppbv	88
61) Styrene	13.53	104	21143	0.145	ppbv #	1
66) Benzyl Chloride	16.66	91	2285	0.110	ppbv #	62
71) 2-Chlorotoluene	15.31	91	692842	2.204	ppbv #	41

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110921\
Data File : VL037997.D
Acq On : 10 Nov 2021 2:41
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Sample : M4597-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 10 04:50:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
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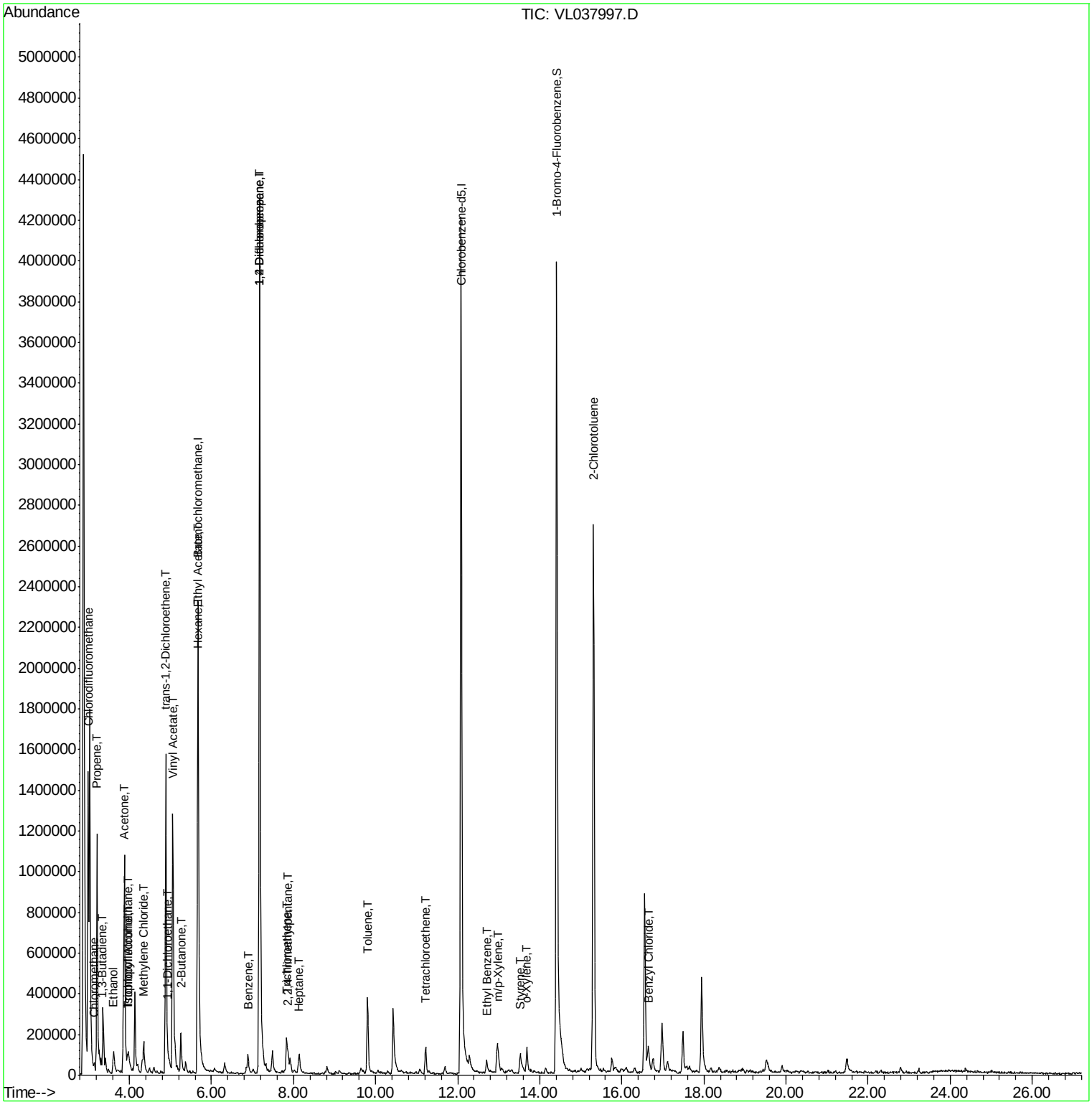
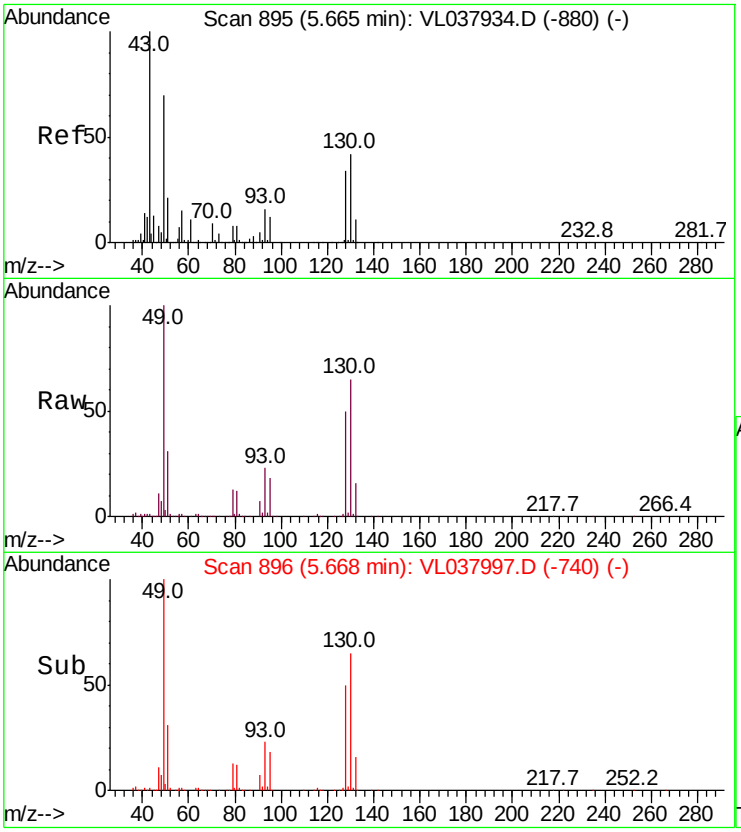


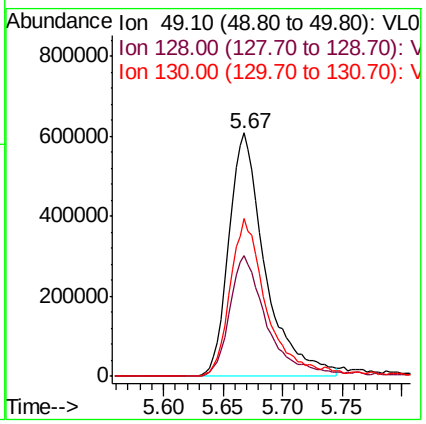


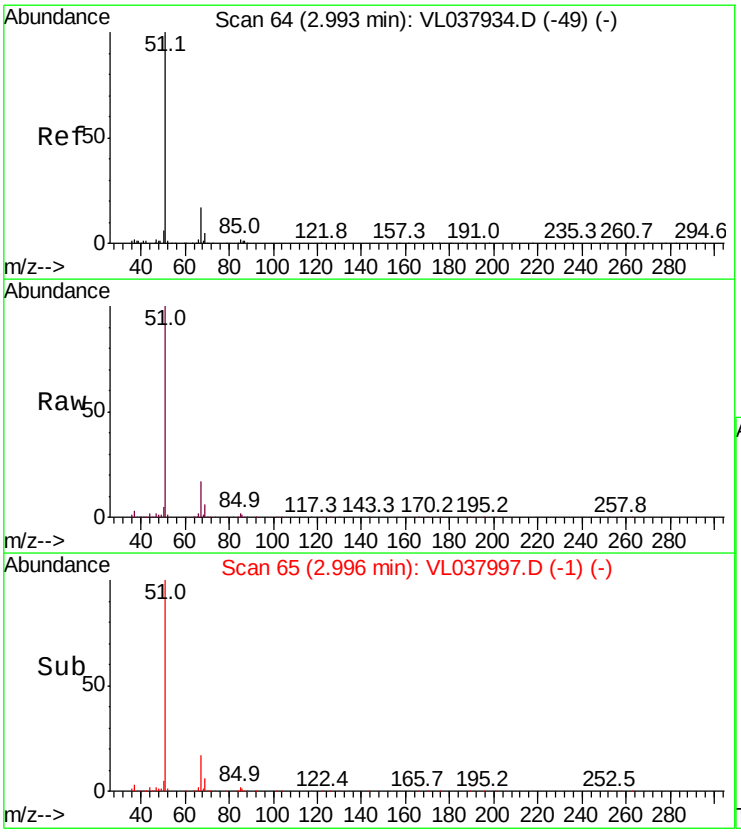
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1288556

Ion	Ratio	Lower	Upper
49	100		
128	52.1	27.0	81.0
130	67.7	33.4	100.2

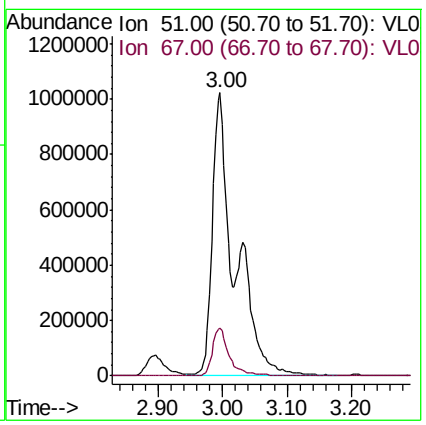


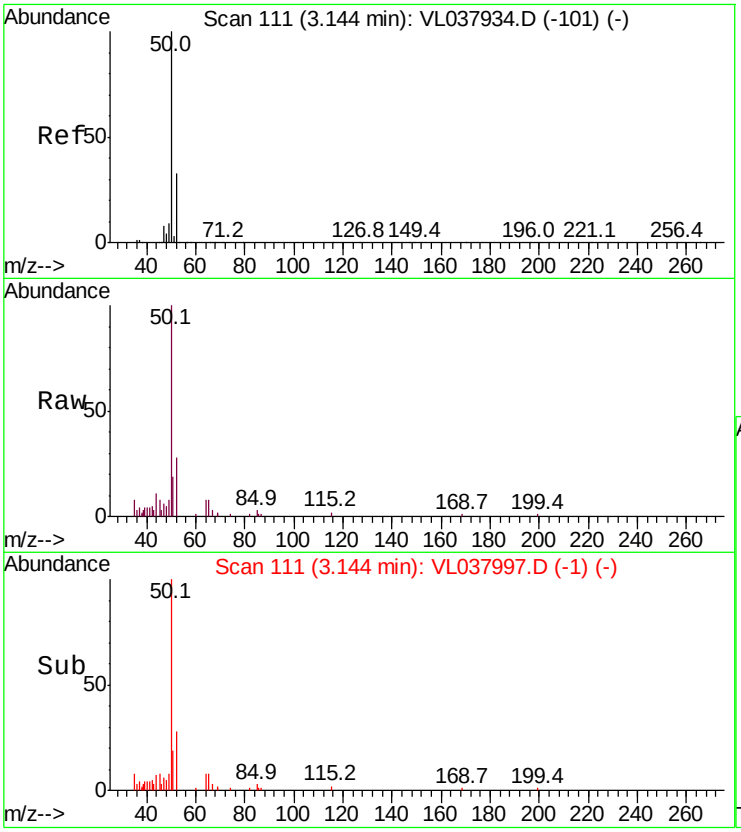


#3
Chlorodifluoromethane
Concen: 10.354 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 51 Resp: 2483782

Ion	Ratio	Lower	Upper
51	100		
67	12.9	13.4	20.0#



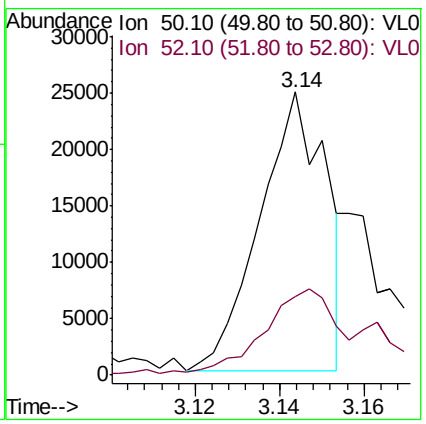


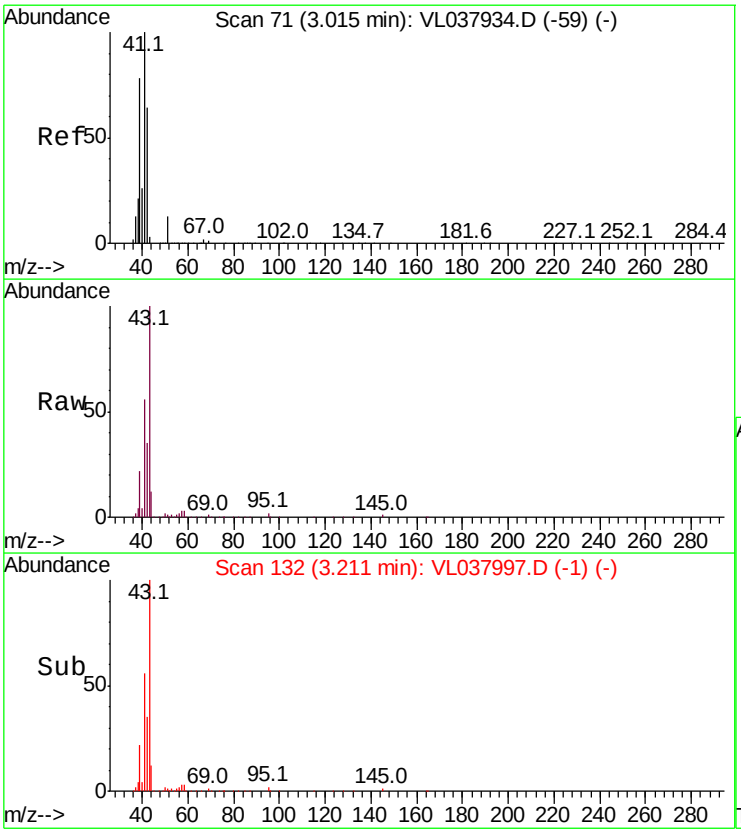
#4
Chloromethane
Concen: 0.296 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 26948

Ion	Ratio	Lower	Upper
50	100		
52	26.9	26.3	39.5

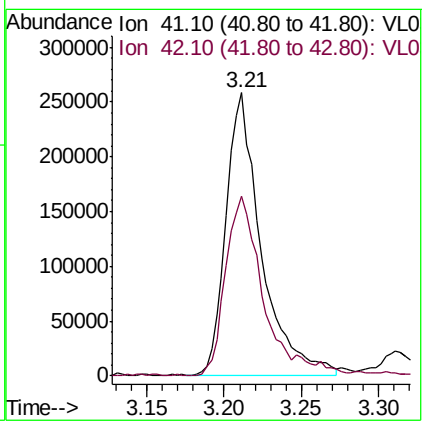


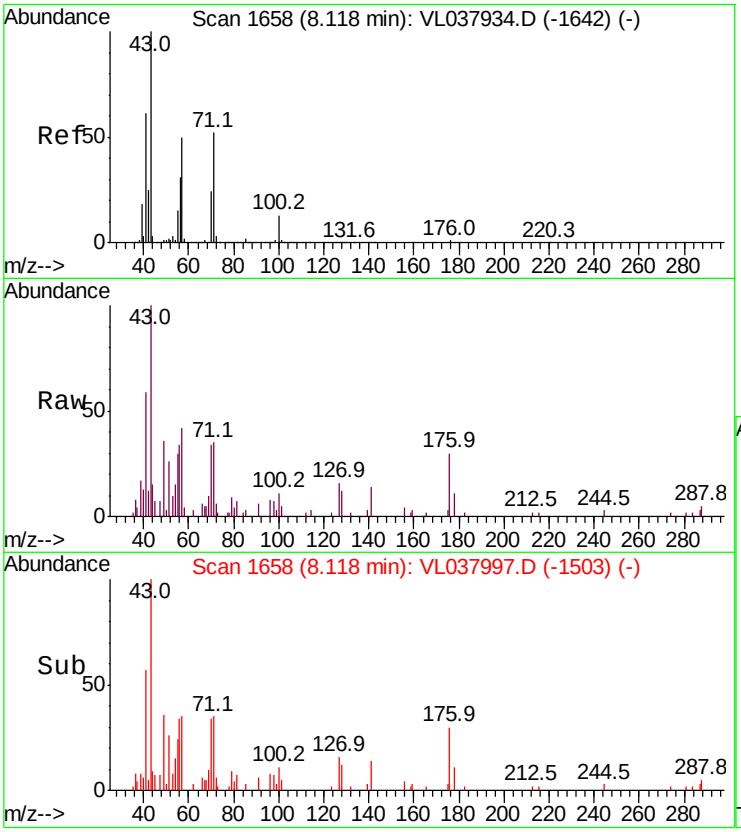


#9
Propene
Concen: 4.725 ppbv
RT: 3.21 min Scan# 132
Delta R.T. 0.20 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 41 Resp: 406336

Ion	Ratio	Lower	Upper
41	100		
42	69.8	57.6	86.4



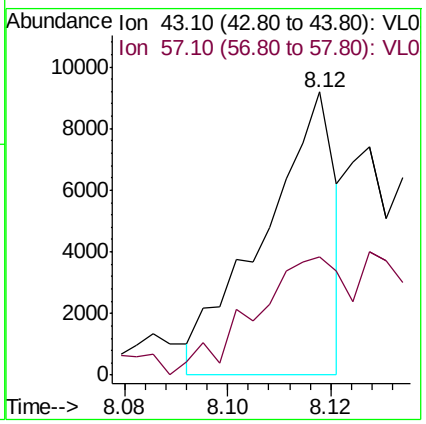


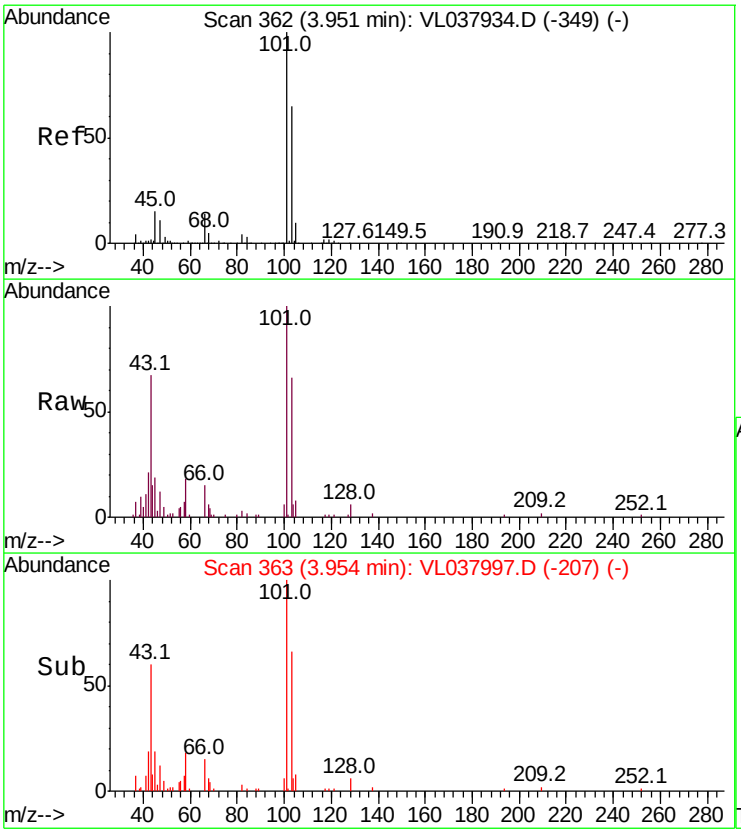
#10
Heptane
Concen: 0.044 ppbv
RT: 8.12
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8851

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.8	59.8#

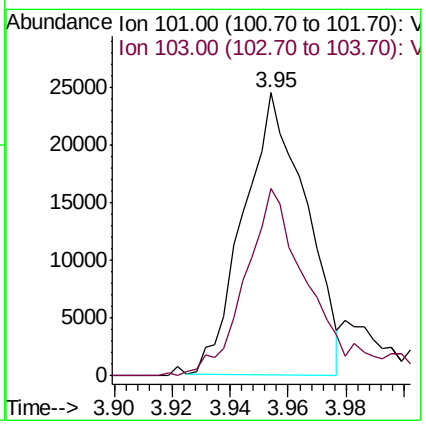


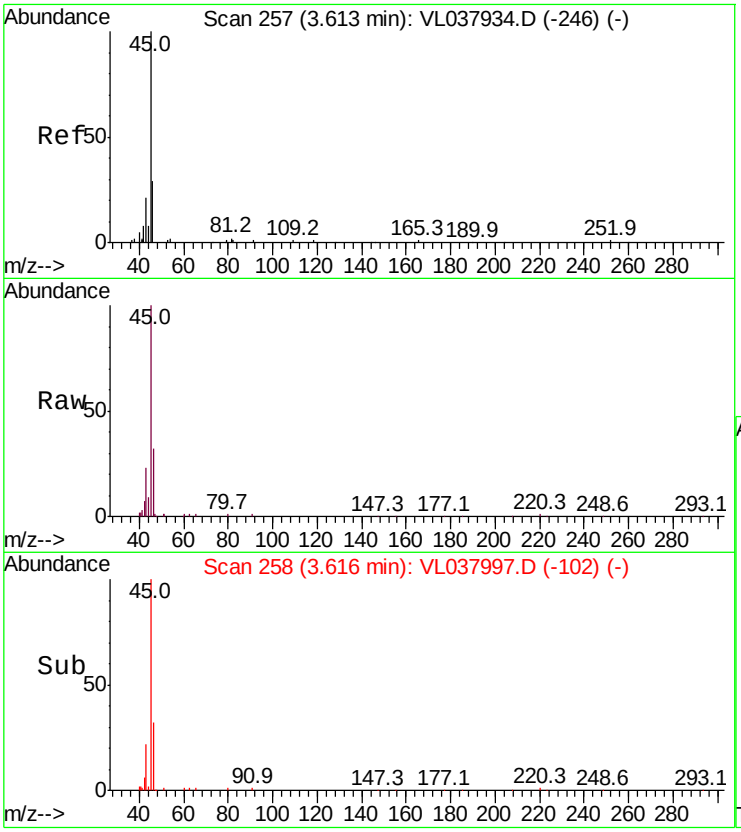


#11
Trichlorofluoromethane
Concen: 0.202 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion:101 Resp: 36583

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.0	78.0



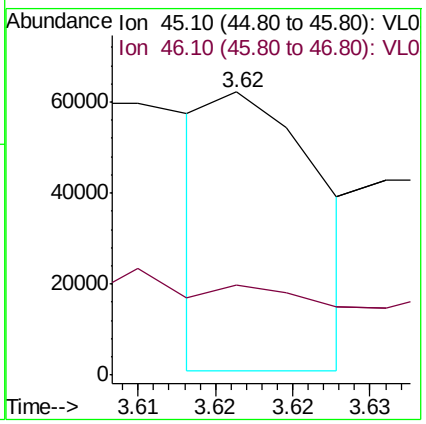


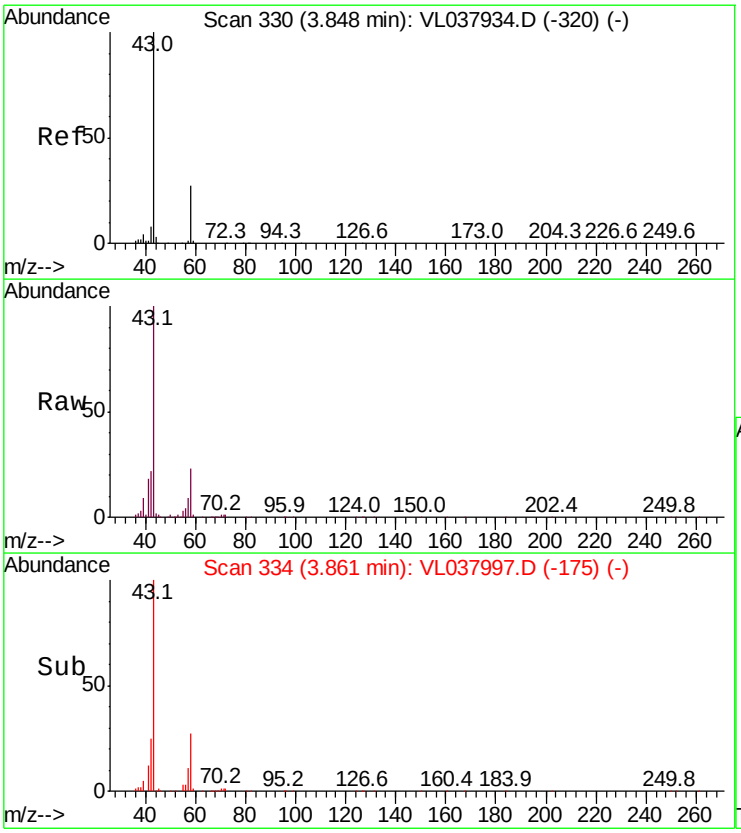
#13
Ethanol
Concen: 3.404 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 29532

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.4	69.8#

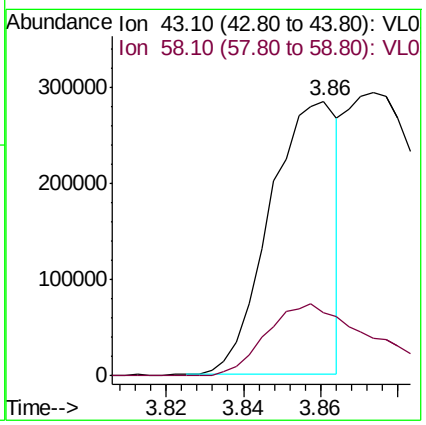


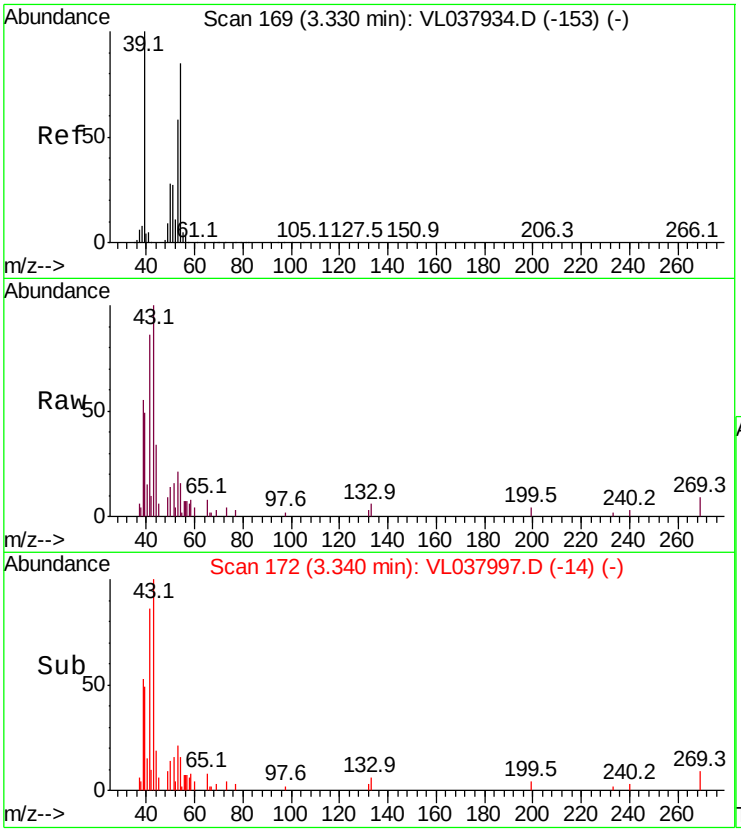


#15
Acetone
Concen: 3.231 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 43 Resp: 343997

Ion	Ratio	Lower	Upper
43	100		
58	49.8	23.3	34.9#



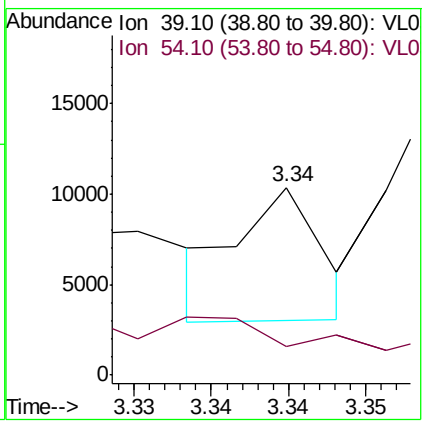


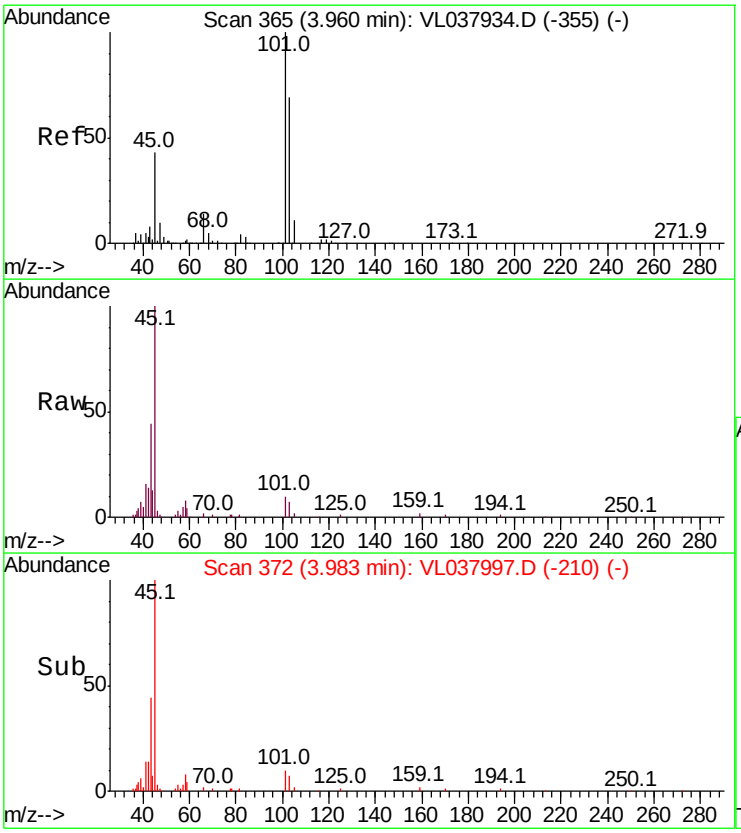
#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 3.34
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 2733

Ion	Ratio	Lower	Upper
39	100		
54	0.0	62.6	93.8#

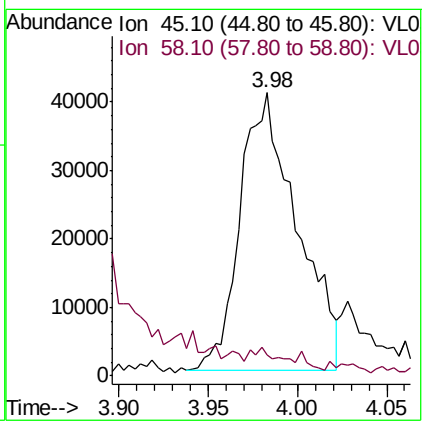


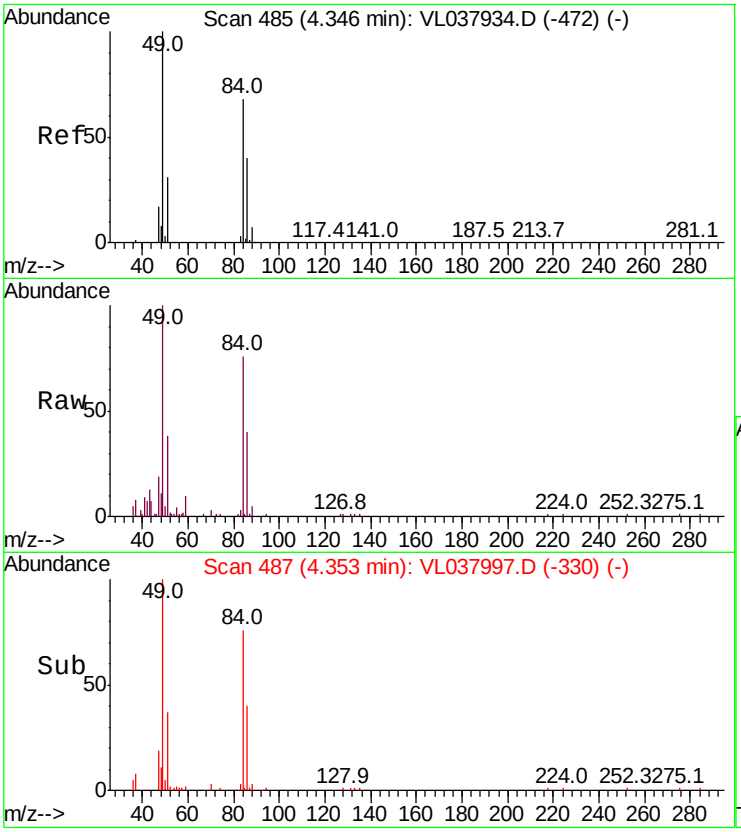


#19
Isopropyl Alcohol
Concen: 1.330 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.02 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 45 Resp: 90548

Ion	Ratio	Lower	Upper
45	100		
58	0.0	4.0	6.0#



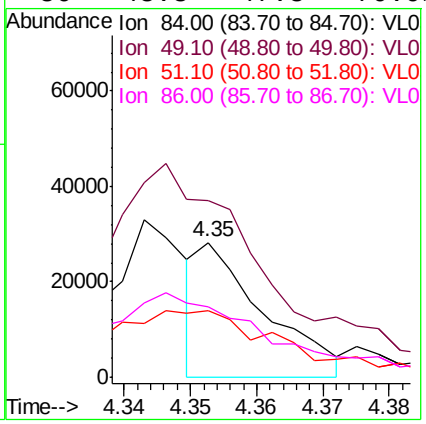


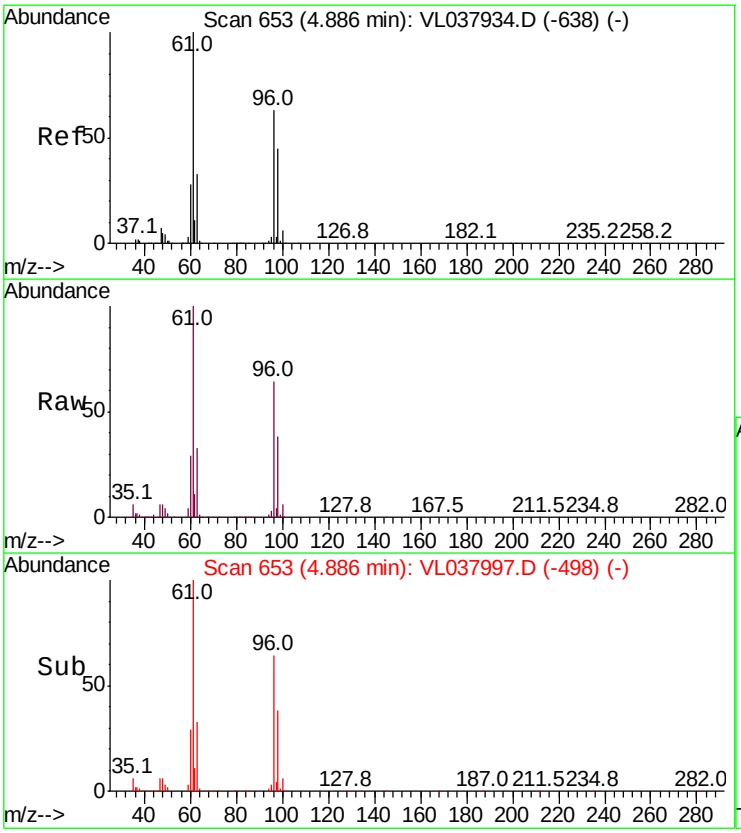
#20
Methylene Chloride
Concen: 0.331 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 19347

Ion	Ratio	Lower	Upper
84	100		
49	102.7	117.5	176.3#
51	43.0	35.9	53.9
86	43.3	47.3	70.9#

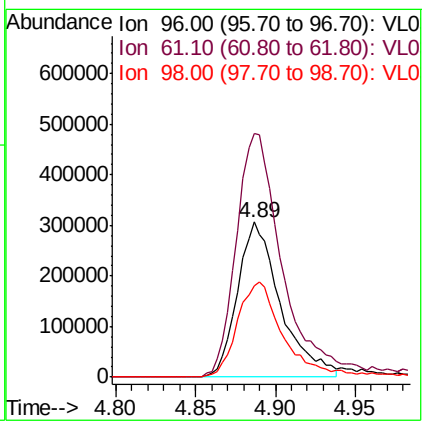


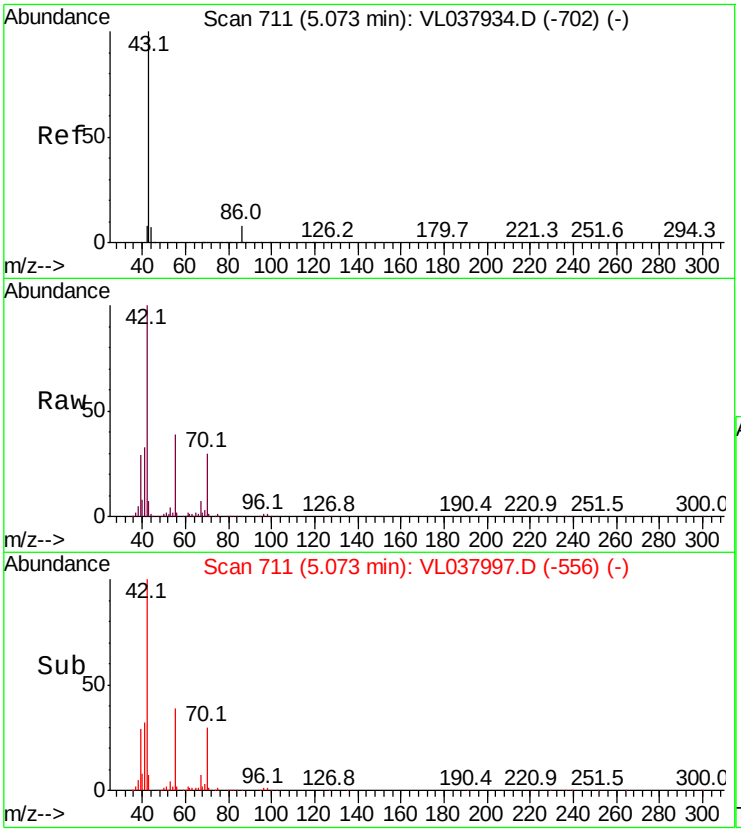


#22
trans-1,2-Dichloroethene
Concen: 8.767 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 96 Resp: 565039

Ion	Ratio	Lower	Upper
96	100		
61	157.4	127.8	191.6
98	59.1	56.9	85.3



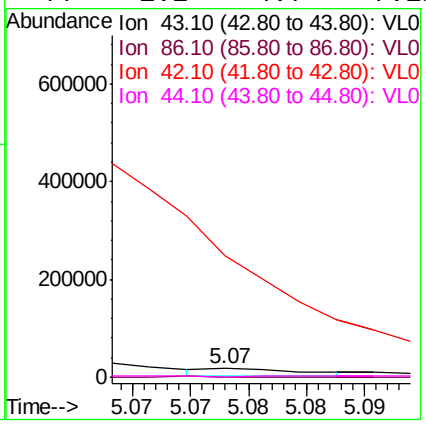


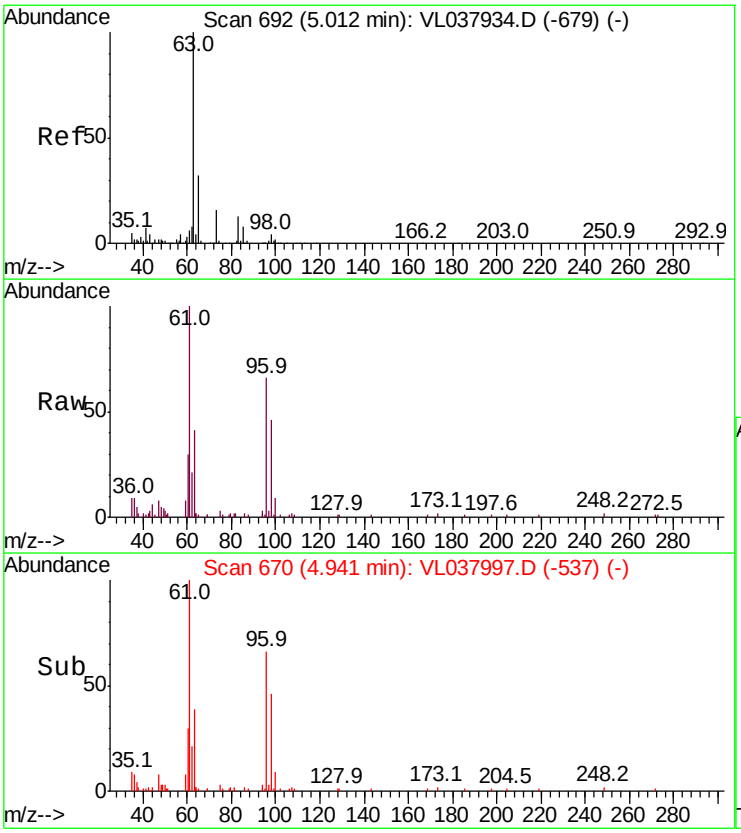
#23
Vinyl Acetate
Concen: 0.054 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8587

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.5	8.3
42	1374.4	7.4	11.2#
44	1.2	4.7	7.1#

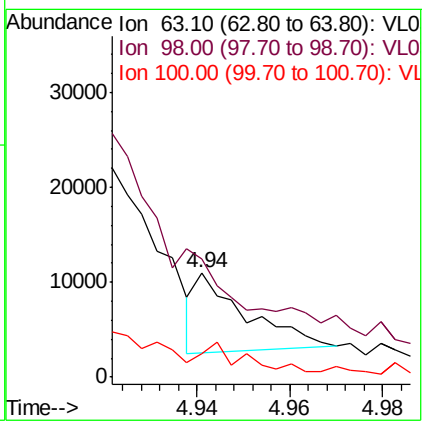


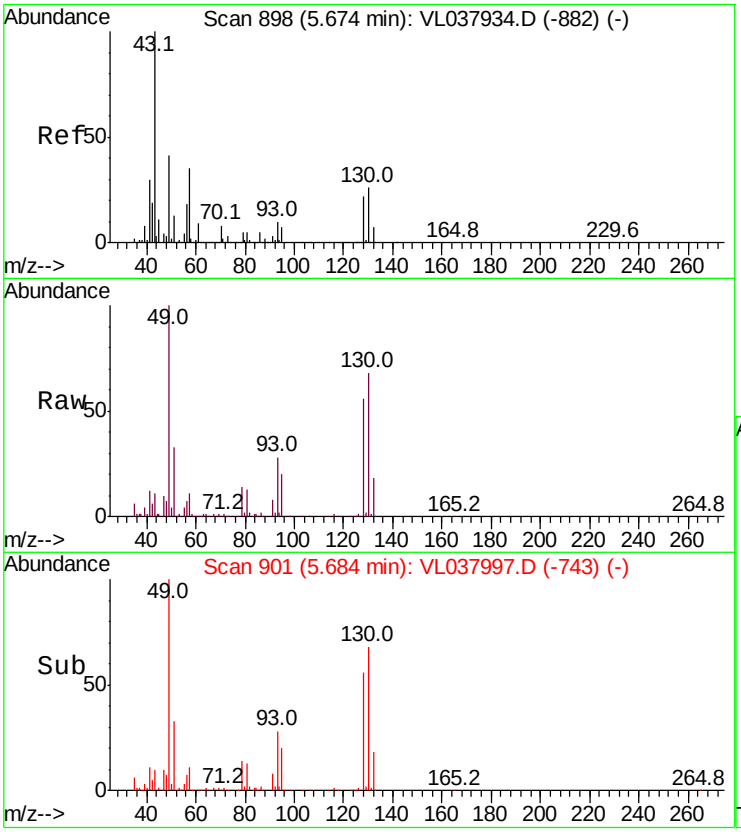


#24
1,1-Dichloroethane
Concen: 0.048 ppbv
RT: 4.94 min Scan# 670
Delta R.T. -0.07 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 63 Resp: 6404

Ion	Ratio	Lower	Upper
63	100		
98	70.6	2.3	6.9#
100	16.7	1.2	3.6#



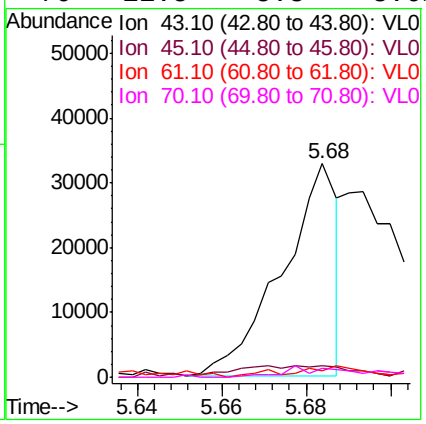


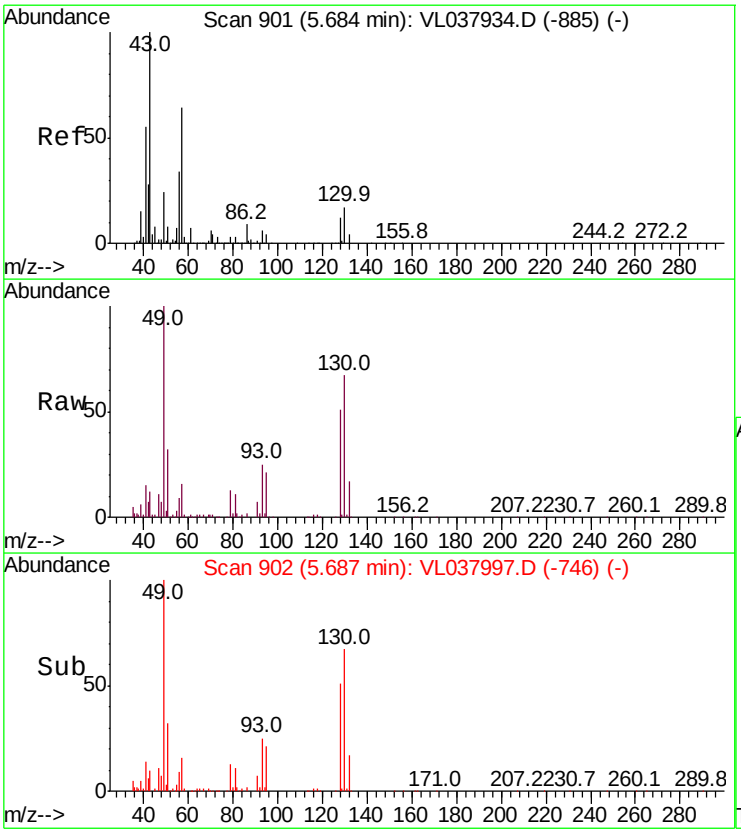
#25
Ethyl Acetate
Concen: 0.095 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 30035

Ion	Ratio	Lower	Upper
43	100		
45	15.2	8.1	12.1#
61	3.0	8.1	12.1#
70	11.5	5.8	8.6#

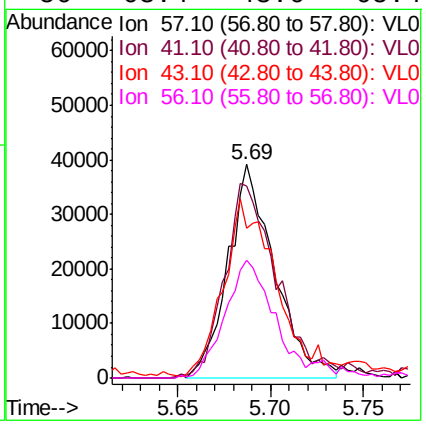


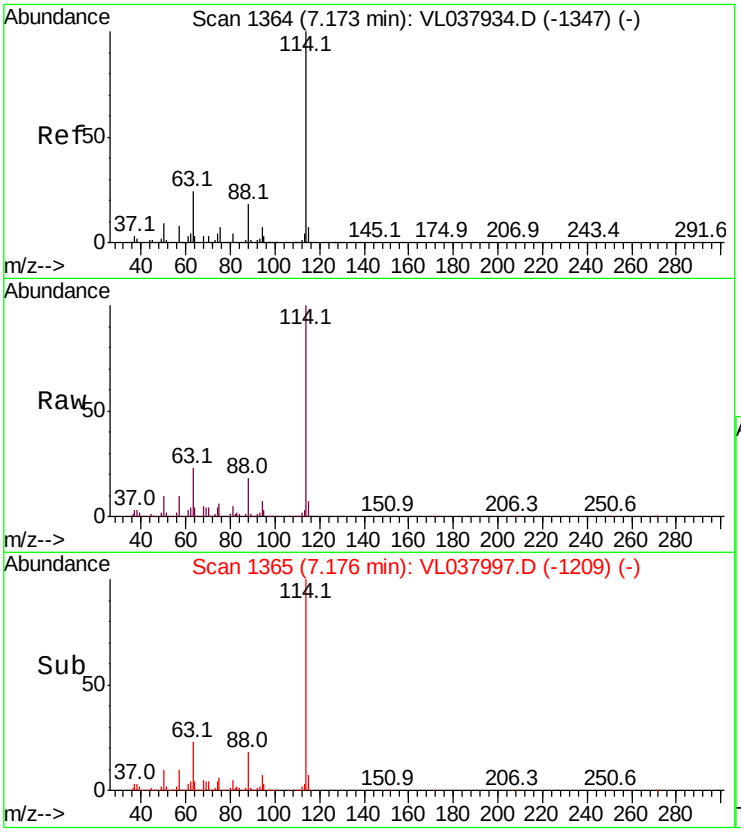


#26
Hexane
Concen: 0.454 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 57 Resp: 68073

Ion	Ratio	Lower	Upper
57	100		
41	111.2	71.0	106.6#
43	101.5	173.0	259.6#
56	63.4	43.6	65.4



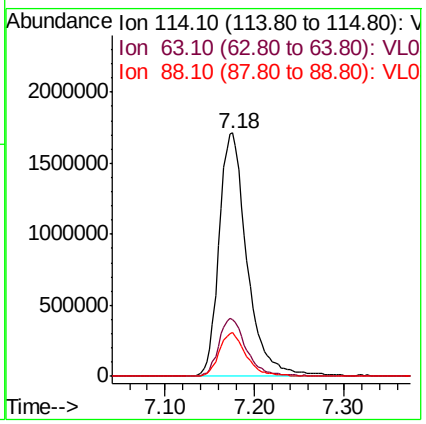


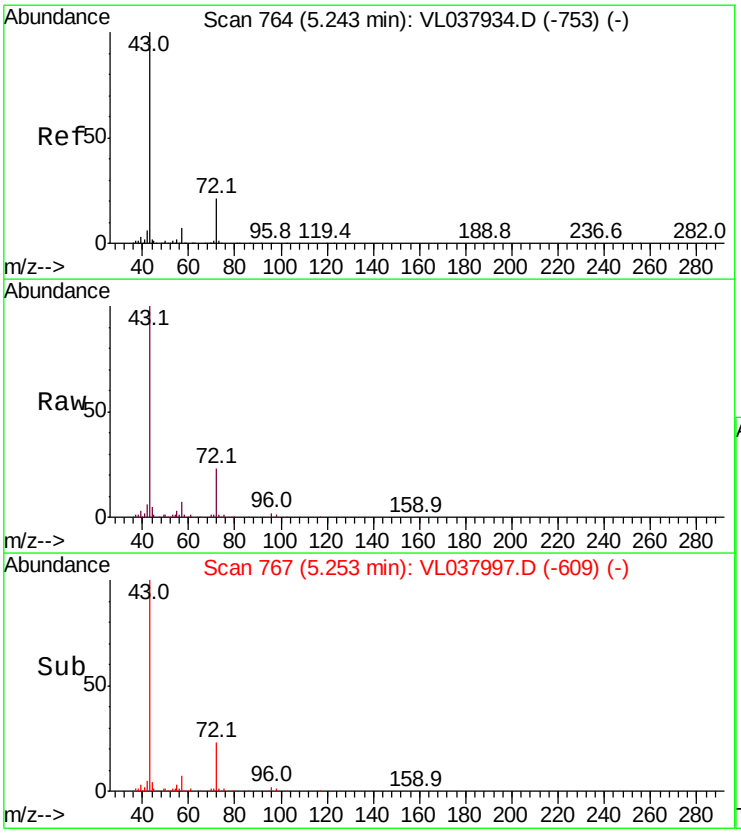
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3723067

Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.4	29.0
88	17.5	14.2	21.4

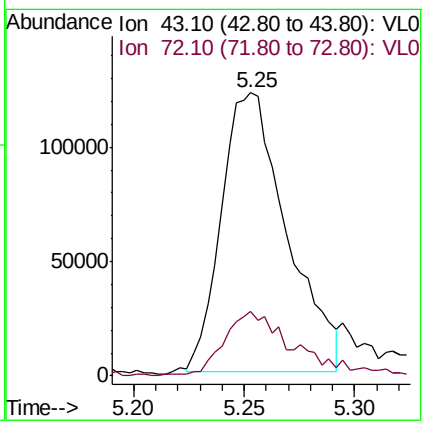


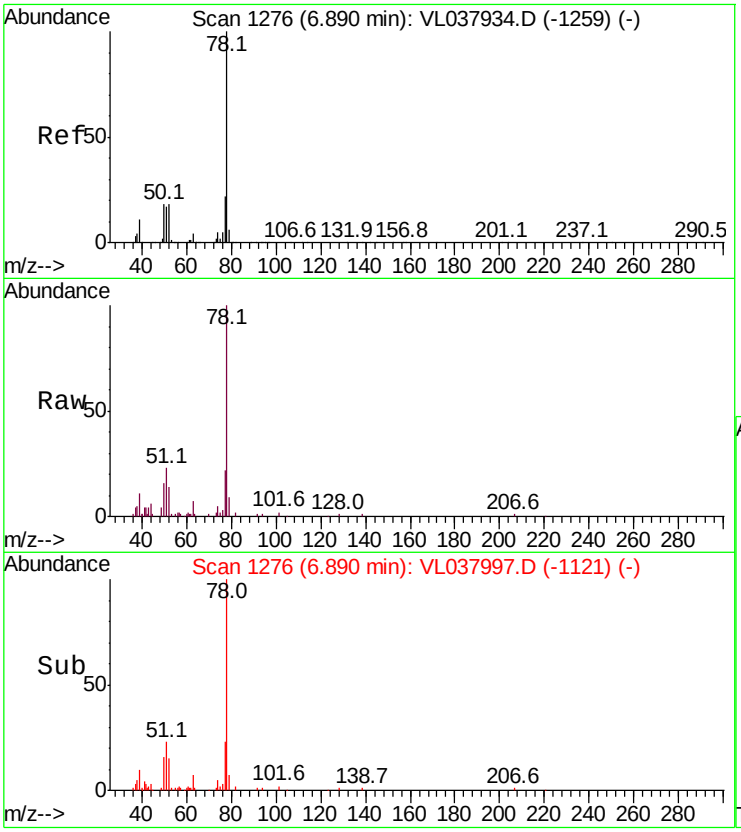


#34
2-Butanone
Concen: 1.821 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 43 Resp: 251224

Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.3	27.5



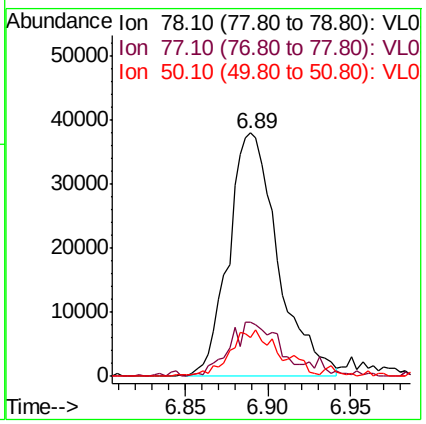


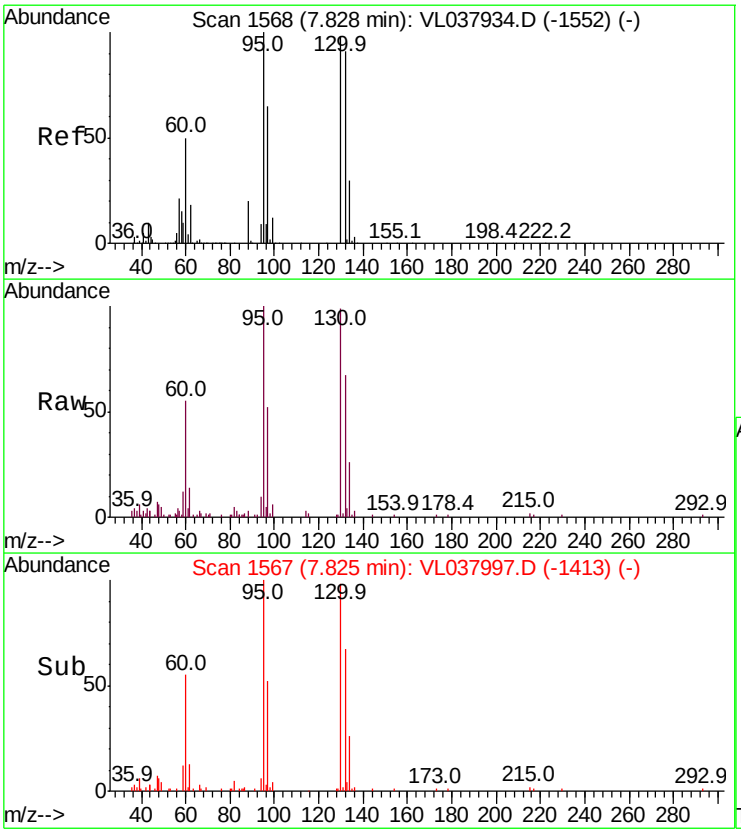
#36
Benzene
Concen: 0.259 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 78378

Ion	Ratio	Lower	Upper
78	100		
77	22.1	17.9	26.9
50	15.4	14.4	21.6

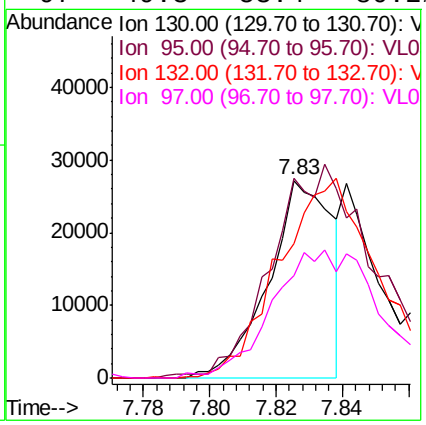


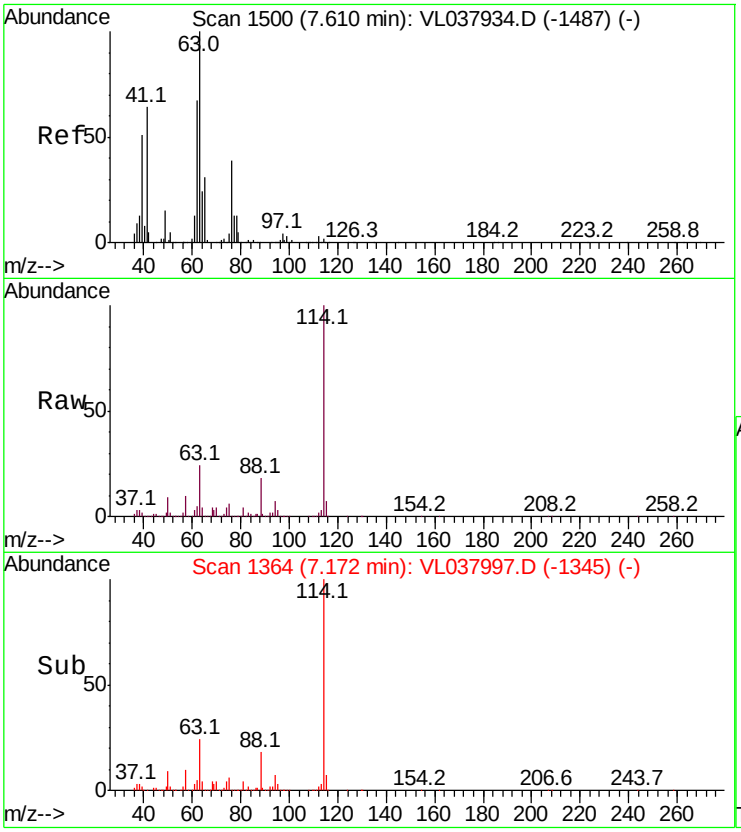


#38
Trichloroethene
Concen: 0.286 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion:130 Resp: 35970

Ion	Ratio	Lower	Upper
130	100		
95	98.9	81.8	122.8
132	67.1	74.2	111.2#
97	49.3	53.4	80.2#



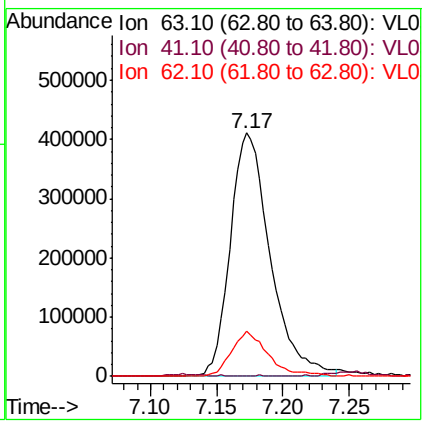


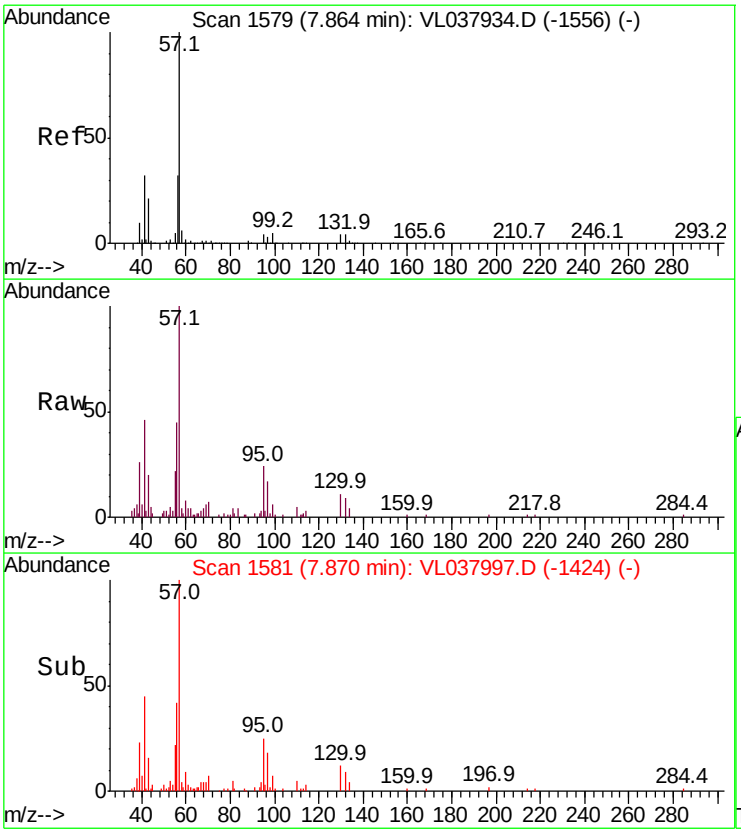
#39
1,2-Dichloropropane
Concen: 7.575 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 864140

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	18.7	53.5	80.3#

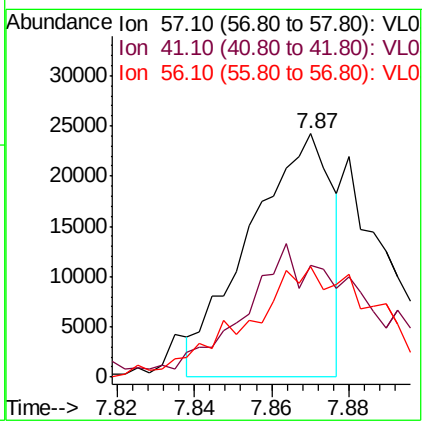


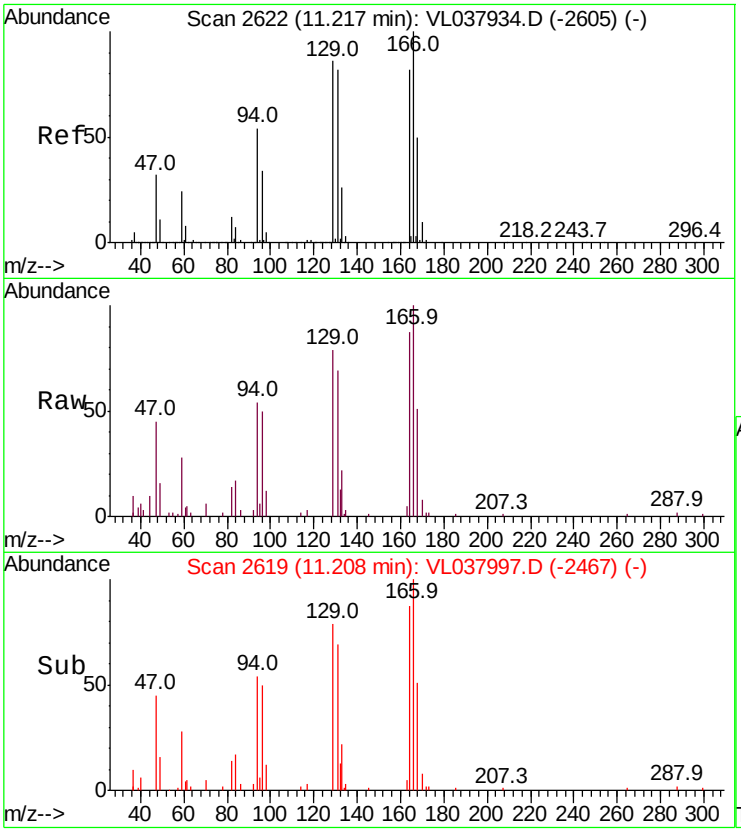


#44
2,2,4-Trimethylpentane
Concen: 0.070 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 57 Resp: 36259

Ion	Ratio	Lower	Upper
57	100		
41	76.8	25.8	38.8#
56	71.1	25.9	38.9#



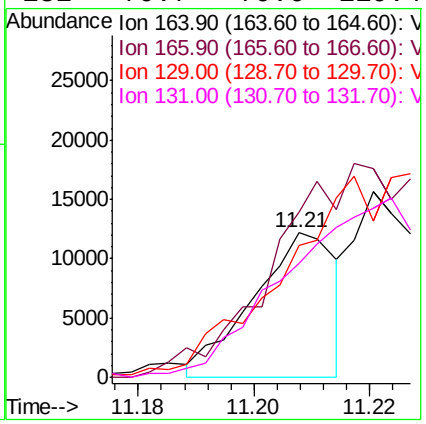


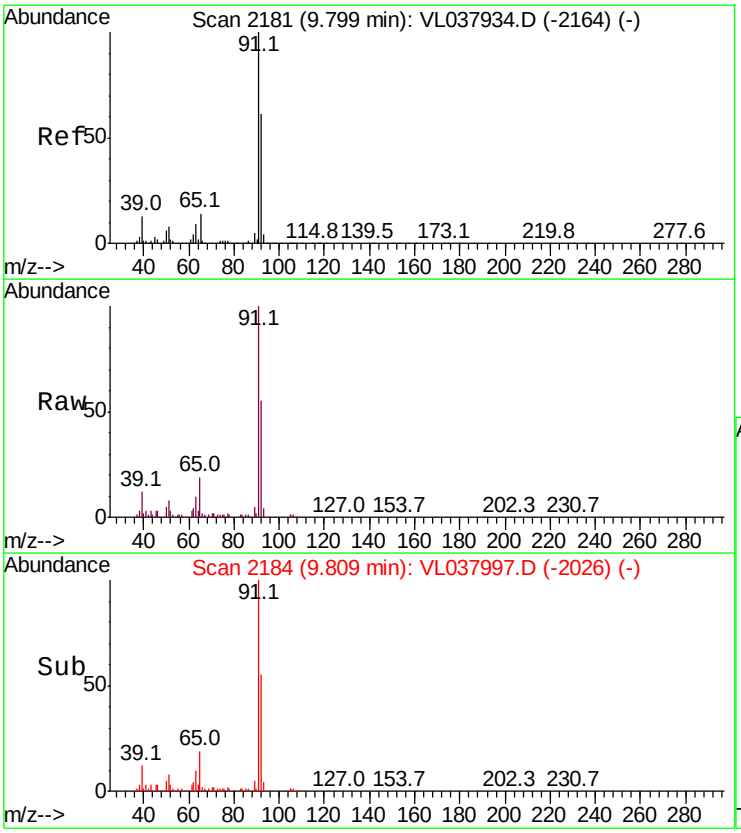
#52
Tetrachloroethene
Concen: 0.104 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 11990

Ion	Ratio	Lower	Upper
164	100		
166	104.0	97.6	146.4
129	90.0	84.2	126.2
131	79.7	79.6	119.4

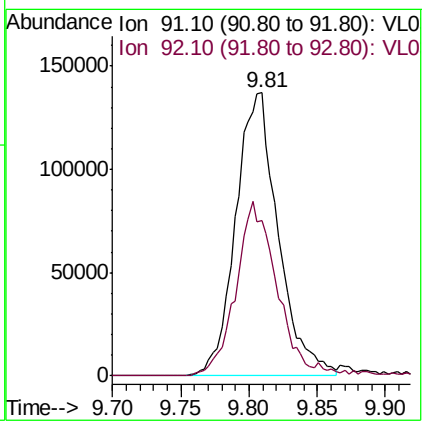


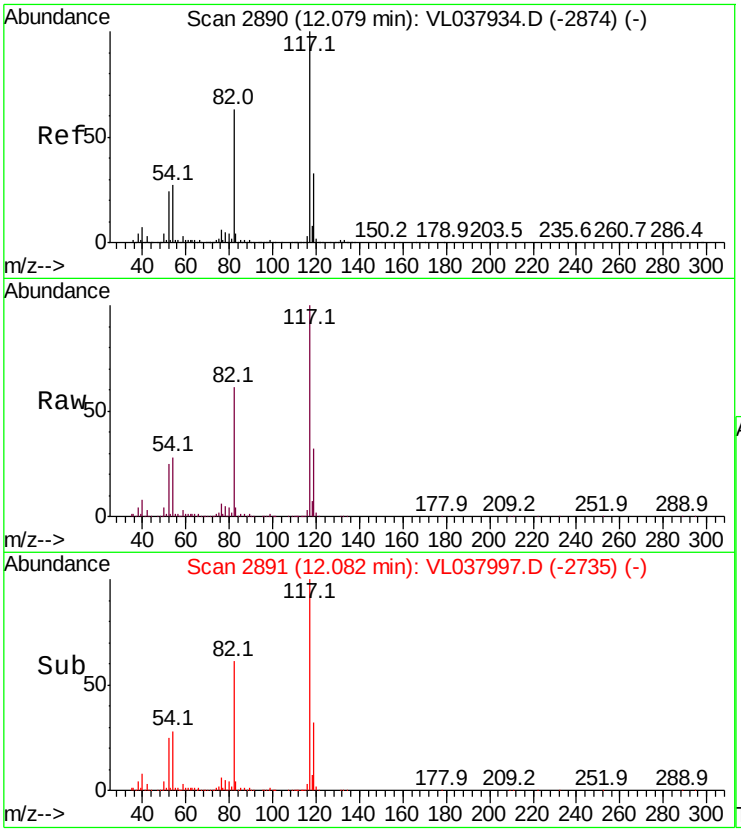


#53
Toluene
Concen: 0.913 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. 0.01 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 91 Resp: 296792

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.2	72.4



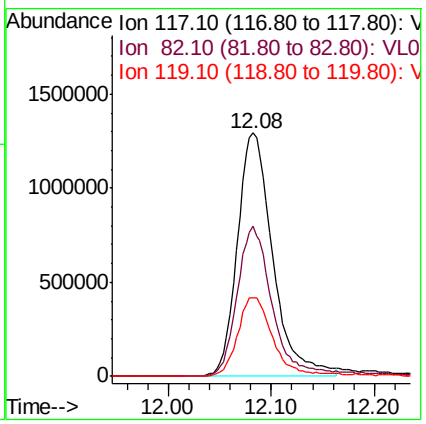


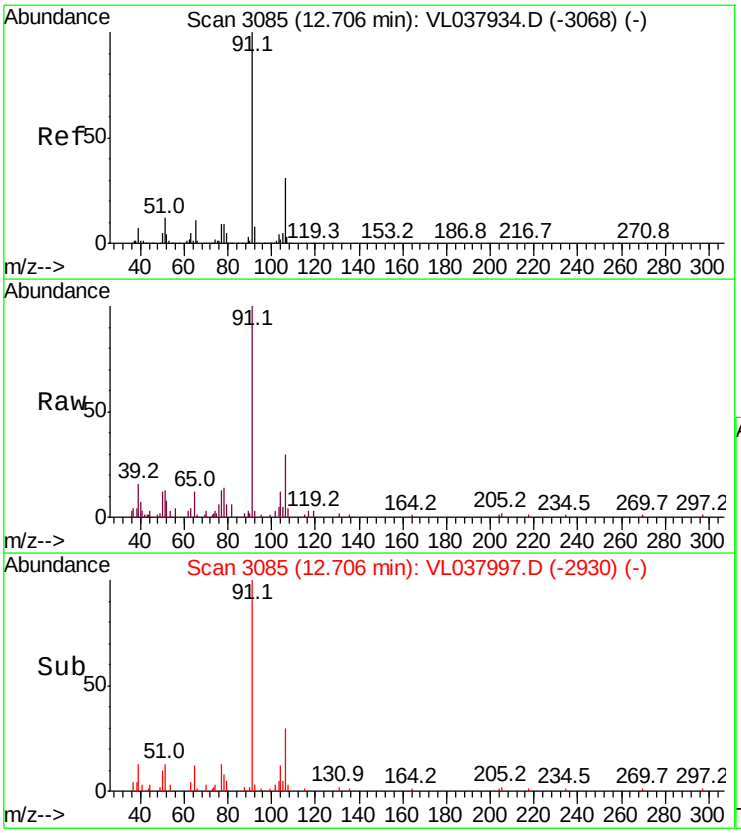
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3092041

Ion	Ratio	Lower	Upper
117	100		
82	64.4	51.0	76.6
119	33.3	26.9	40.3

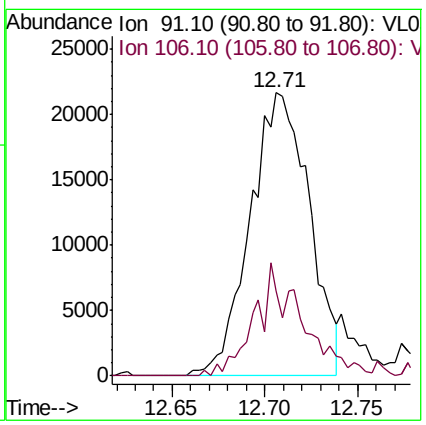


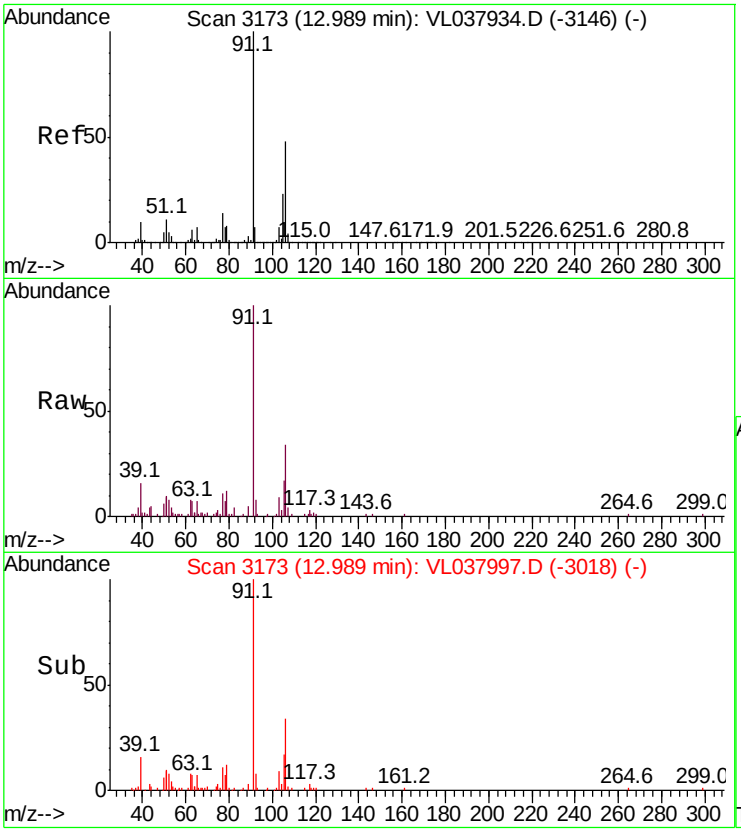


#58
Ethyl Benzene
Concen: 0.127 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 91 Resp: 48036

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.1	37.7



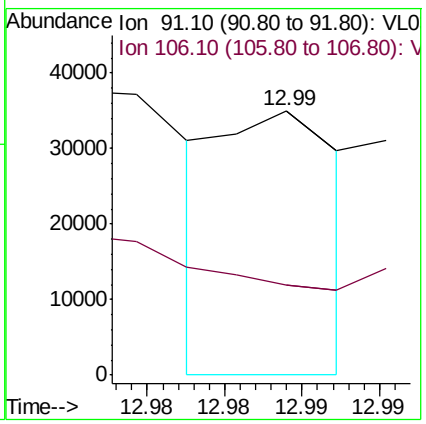


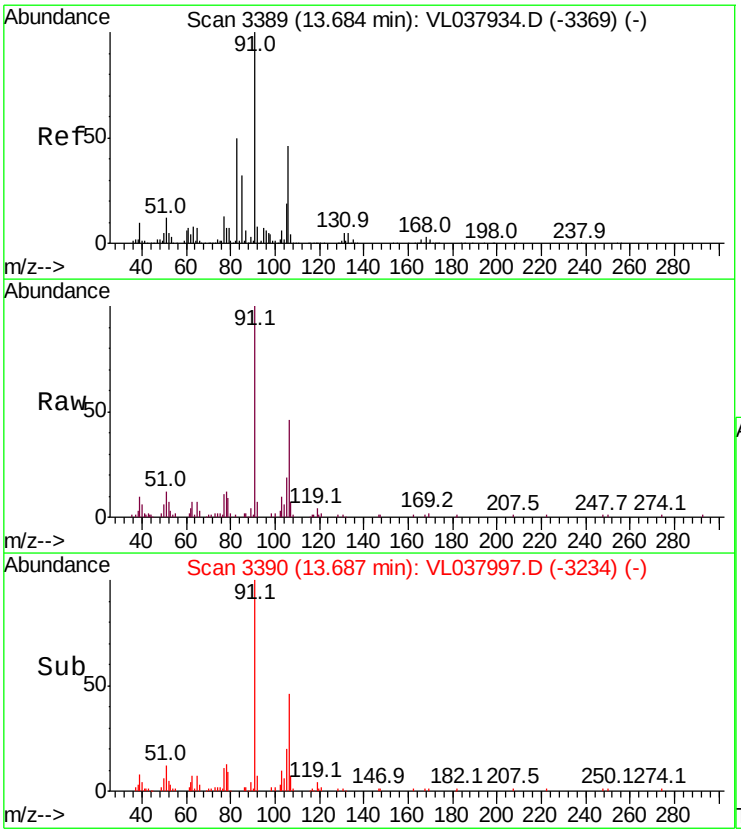
#59
m/p-Xylene
Concen: 0.055 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 18625

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.1	55.7#

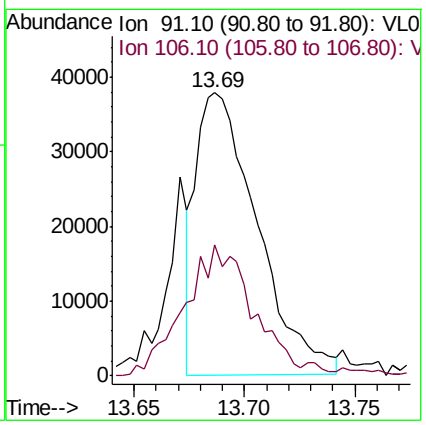


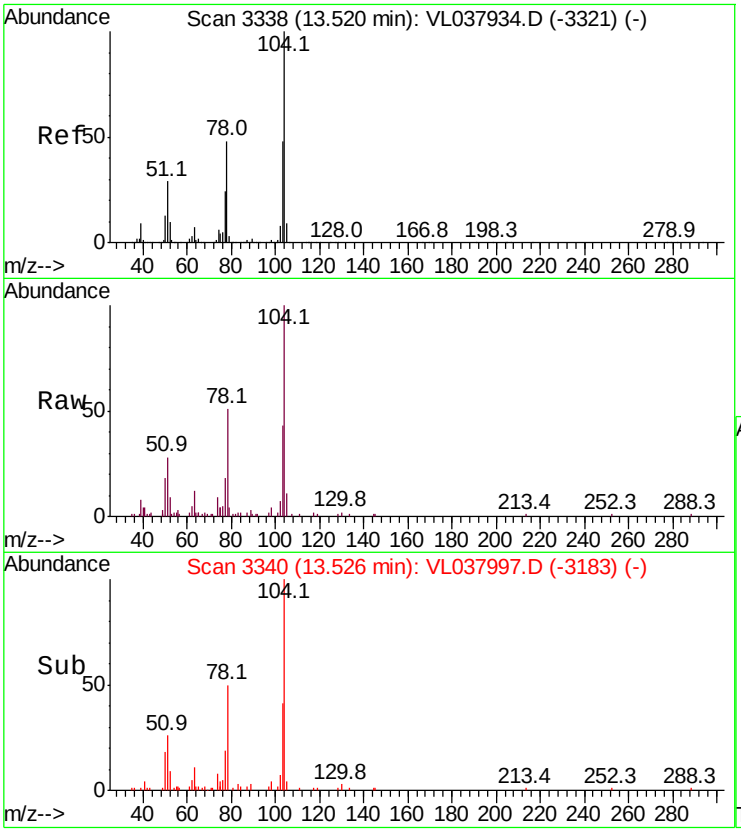


#60
o-Xylene
Concen: 0.228 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 91 Resp: 72282

Ion	Ratio	Lower	Upper
91	100		
106	55.1	23.5	70.6



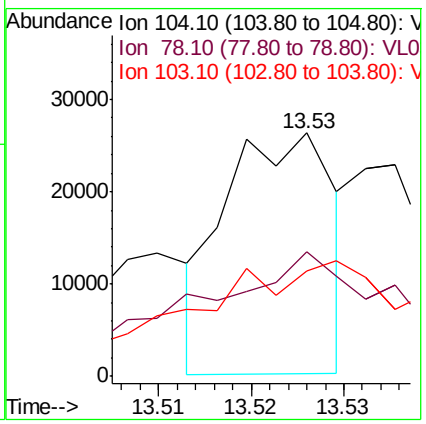


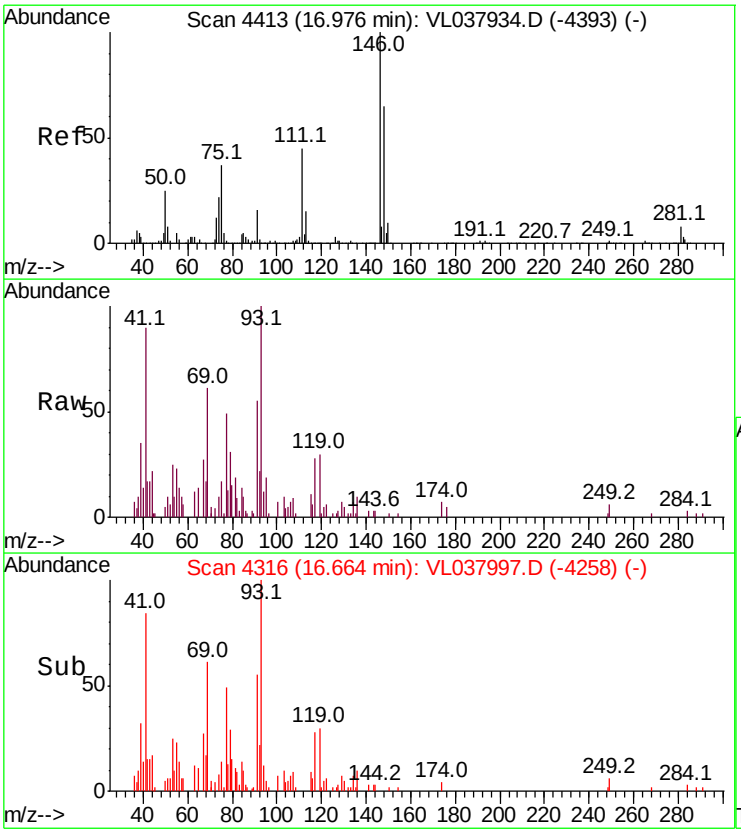
#61
Stvrene
Concen: 0.145 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 21143

Ion	Ratio	Lower	Upper
104	100		
78	130.3	39.3	58.9#
103	147.3	39.6	59.4#

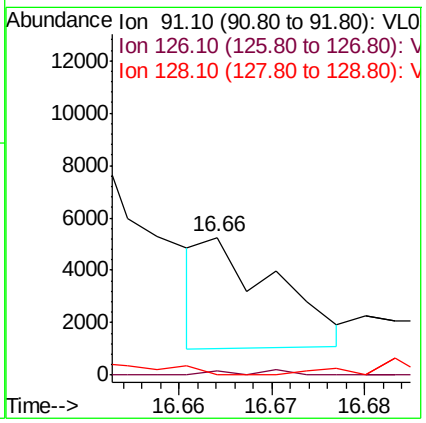


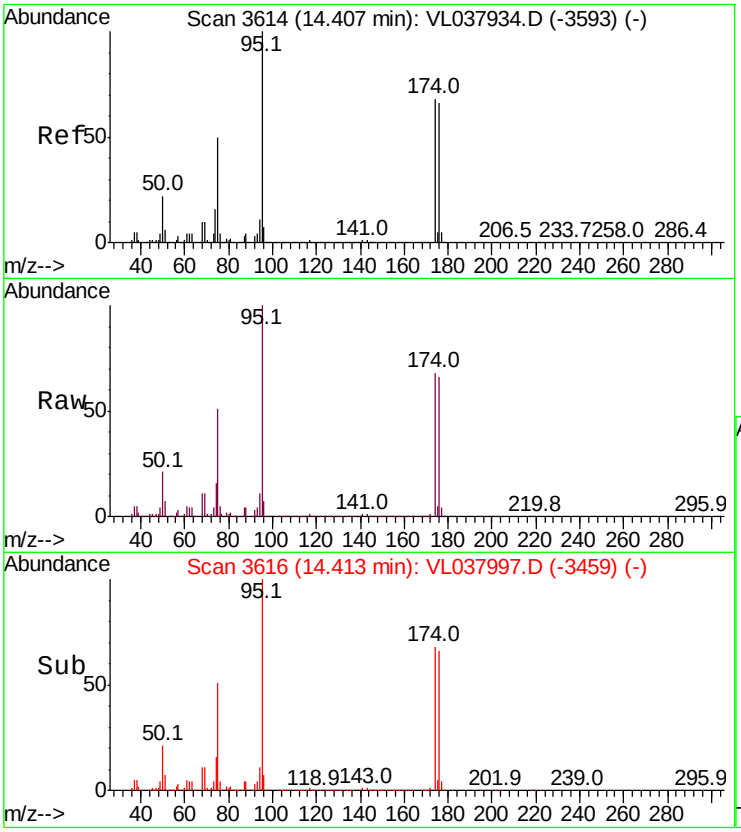


#66
Benzyl Chloride
Concen: 0.110 ppbv
RT: 16.66 min Scan# 4316
Delta R.T. -0.31 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 91 Resp: 2285

Ion	Ratio	Lower	Upper
91	100		
126	3.3	13.8	20.6#
128	24.8	5.1	7.7#



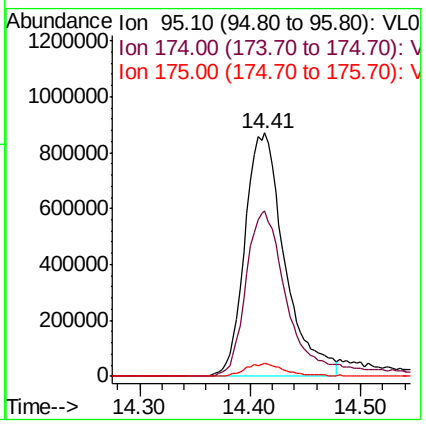


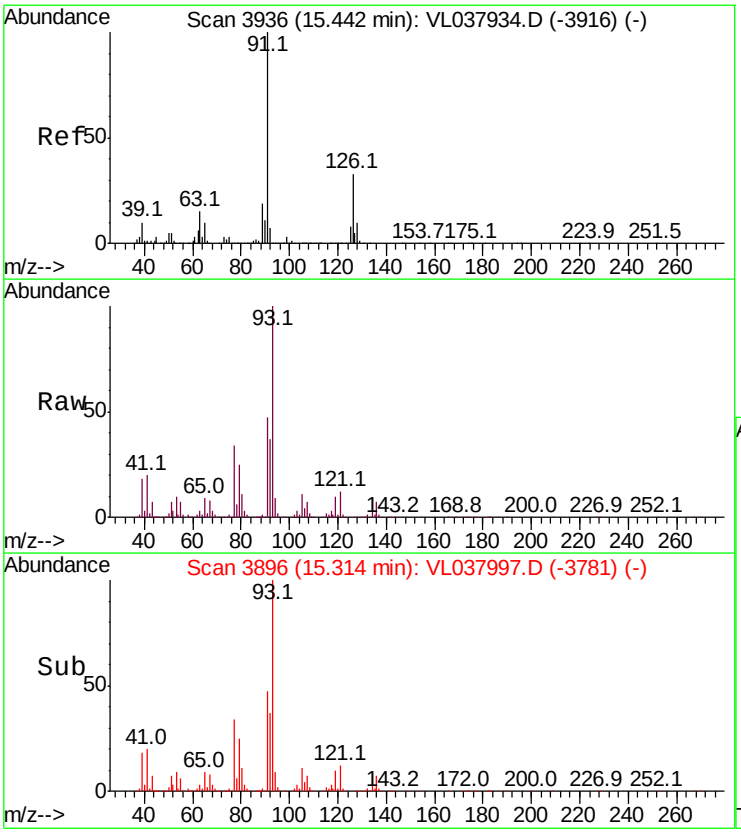
#68
1-Bromo-4-Fluorobenzene
Concen: 9.705 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 10 Nov 2021 2:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2181343

Ion	Ratio	Lower	Upper
95	100		
174	74.9	58.3	87.5
175	5.5	4.6	6.8





#71
2-Chlorotoluene
Concen: 2.204 ppbv
RT: 15.31 min Scan# 3896
Delta R.T. -0.13 min
Lab File: VL037997.D
Acq: 10 Nov 2021 2:41

Tgt Ion: 91 Resp: 692842

Ion	Ratio	Lower	Upper
91	100		
126	0.1	13.3	53.3#