Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\

Quantitation Report (Not Reviewed)

Data File : VL037937.D
Acq On : 1 Nov 2021 11:17
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 01 11:46:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Nov 01 11:08:47 2021
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1508448	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4585240	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4010442	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2957792	10.55	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	159043	0.549	ppbv	97
4) Chloromethane	3.14	50	59078	0.557	ppbv	96
5) Vinyl Chloride	3.26	62	56701	0.583	ppbv	89
6) Bromomethane	3.47	94	29318	0.557	ppbv	92
7) Chloroethane	3.56	64	21331	0.596	ppbv #	85
8) Dichlorotetrafluoroethane	3.19	85	147883	0.621	ppbv	96
9) Propene	3.02	41	51316	0.481	ppbv	100
10) Heptane	8.11	43	111788	0.462	ppbv	98
11) Trichlorofluoromethane	3.95	101	112440	0.523	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	90162	0.554	ppbv	89
13) Ethanol	3.61	45	1598	0.183	ppbv #	32
14) Bromoethene	3.74	108	21973	0.307	ppbv #	17
15) Acetone	3.87	43	65170	0.481	ppbv #	88
16) 1,3-Butadiene	3.33	39	40115	0.407	ppbv #	76
18) 1,1-Dichloroethene	4.29	96	36297	0.490	ppbv	95
19) Isopropyl Alcohol	3.99	45	34136	0.405	ppbv #	82
20) Methylene Chloride	4.35	84	37679	0.551	ppbv	85
21) Allyl Chloride	4.41	41	58821	0.490	ppbv	87
22) trans-1,2-Dichloroethene	4.88	96	33170	0.446	ppbv	90
23) Vinyl Acetate	5.08	43	73017	0.360	ppbv #	86
24) 1,1-Dichloroethane	5.01	63	87124	0.590	ppbv #	93
25) Ethyl Acetate	5.68	43	188123	0.495	ppbv	98
26) Hexane	5.68	57	79982	0.427	ppbv #	76
27) Carbon Disulfide	4.55	76	81876	0.494	ppbv #	92
28) Methyl tert-Butyl Ether	5.05	73	48756	0.313	ppbv #	66
29) Chloroform	5.74	83	141278	0.528	ppbv	94
30) Cyclohexane	7.12	84	68283	0.430	ppbv #	24
31) cis-1,2-Dichloroethene	5.54	61	80398	0.473	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	76003	0.300	ppbv #	40
34) 2-Butanone	5.26	43	66645	0.360	ppbv #	84
35) Carbon Tetrachloride	7.01	117	133700	0.513	ppbv	93
36) Benzene	6.88	78	177258	0.453	ppbv	97
37) 1,2-Dichloroethane	6.30	62	82435	0.447	ppbv	96
38) Trichloroethene	7.83	130	44110	0.285	ppbv	90
39) 1,2-Dichloropropane	7.60	63	70800	0.481	ppbv	85
41) Tetrahydrofuran	6.07	42	22341	0.246	ppbv #	69
42) Bromodichloromethane	7.78	83	78560	0.290	ppbv	92
43) Methyl Methacrylate	8.01	69	31124	0.243	ppbv #	28
44) 2,2,4-Trimethylpentane	7.86	57	296239	0.450	ppbv	92
45) t-1,3-Dichloropropene	9.27	75	14601	0.166	ppbv	92
46) cis-1,3-Dichloropropene	8.70	75	27366	0.224	ppbv #	77

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\

Quantitation Report (Not Reviewed)

Data File : VL037937.D
Acq On : 1 Nov 2021 11:17
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 01 11:46:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Nov 01 11:08:47 2021
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,1,2-Trichloroethane	9.47	97	46854	0.293	ppbv		90
48) Dibromochloromethane	10.29	129	51007	0.223	ppbv	#	9
49) Bromoform	13.03	173	71819	0.411	ppbv		95
51) 2-Hexanone	10.14	43	5987	0.056	ppbv	#	30
52) Tetrachloroethene	11.21	164	35932	0.236	ppbv		99
53) Toluene	9.80	91	162832	0.375	ppbv		100
54) 1,2-Dibromoethane	10.60	107	91853	0.425	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.12	131	88583	0.534	ppbv	#	1
57) Chlorobenzene	12.13	112	173847	0.528	ppbv		97
58) Ethyl Benzene	12.70	91	104664	0.194	ppbv		89
59) m/p-Xylene	12.98	91	397010	0.859	ppbv		97
60) o-Xylene	13.68	91	96338	0.217	ppbv	#	30
61) Styrene	13.52	104	36951	0.172	ppbv	#	35
62) Isopropylbenzene	14.65	105	278333	0.450	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.66	83	100252	0.293	ppbv	#	40
64) n-propylbenzene	15.55	120	35319	0.229	ppbv	#	1
65) tert-Butylbenzene	16.73	119	248664	0.457	ppbv		95
66) Benzyl Chloride	16.98	91	5768	0.215	ppbv	#	29
67) sec-Butylbenzene	17.28	105	343870	0.462	ppbv		100
69) p-Isopropyltoluene	17.64	119	256128	0.426	ppbv		97
70) n-Butylbenzene	18.55	91	222770	0.390	ppbv		99
71) 2-Chlorotoluene	15.44	91	83359	0.191	ppbv	#	41
72) 4-Ethyltoluene	15.83	105	202639	0.403	ppbv	#	97
73) 1,3,5-Trimethylbenzene	15.99	105	90729	0.199	ppbv		89
74) 1,2,4-Trimethylbenzene	16.75	105	227481	0.474	ppbv		94
75) 1,3-Dichlorobenzene	16.99	146	123463	0.415	ppbv		83
76) 1,4-Dichlorobenzene	17.13	146	84331	0.297	ppbv	#	48
77) 1,2-Dichlorobenzene	17.80	146	16494	0.058	ppbv	#	23
78) Hexachloro-1,3-Butadiene	23.36	225	129132	0.554	ppbv		94
79) Naphthalene	22.17	128	21276	0.072	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	7925	0.100	ppbv	#	51
81) 1,2,4-Trichlorobenzene	21.91	180	8165	0.043	ppbv	#	11

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

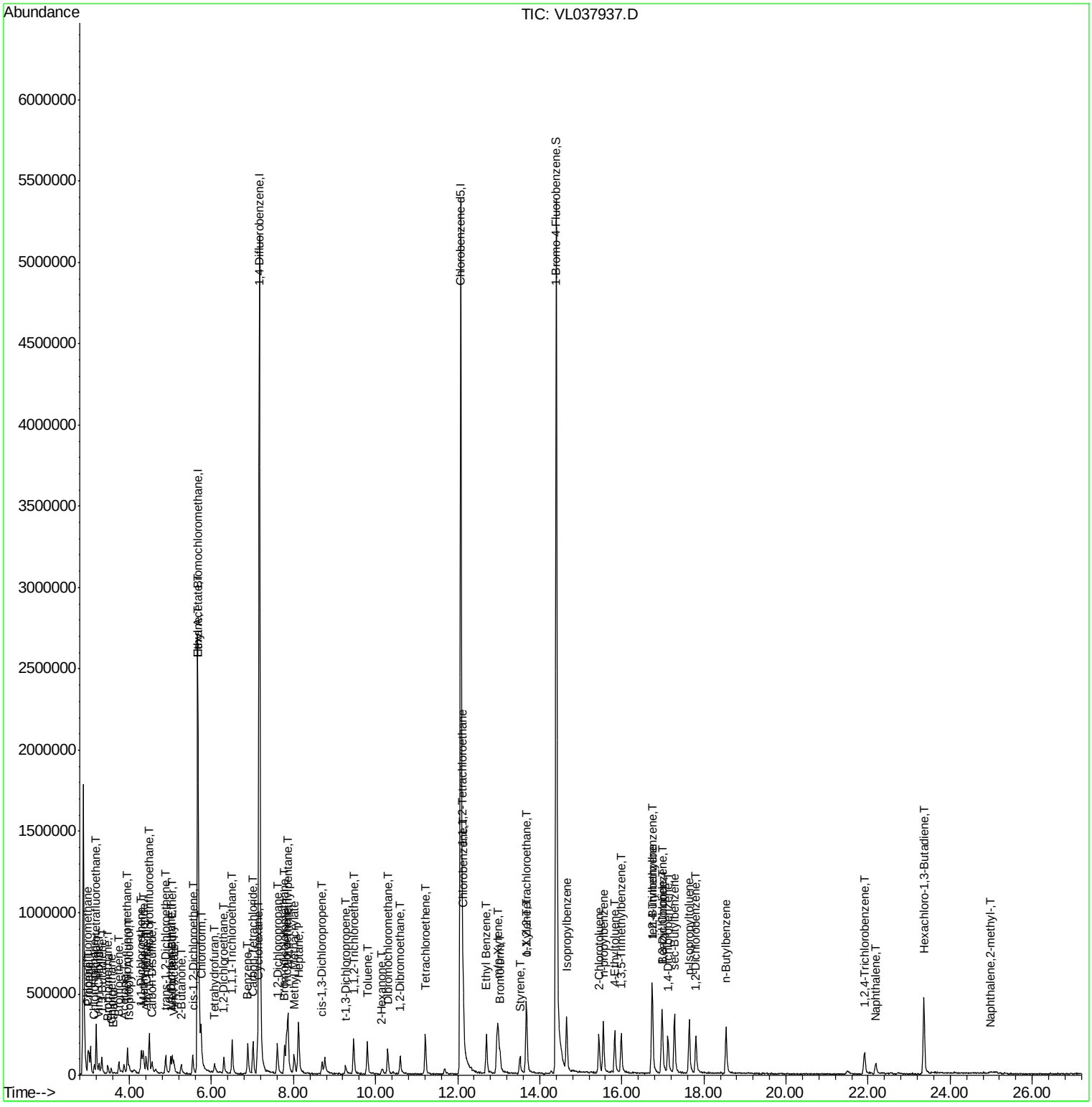
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\

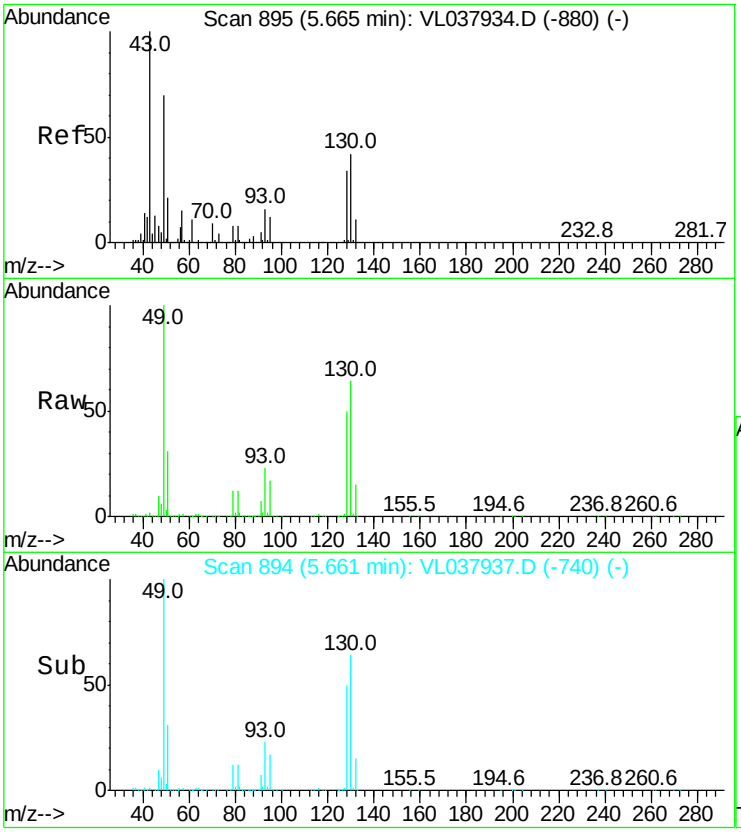
Quantitation Report (Not Reviewed)

Data File : VL037937.D
Acq On : 1 Nov 2021 11:17
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Nov 01 11:46:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Nov 01 11:08:47 2021
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration



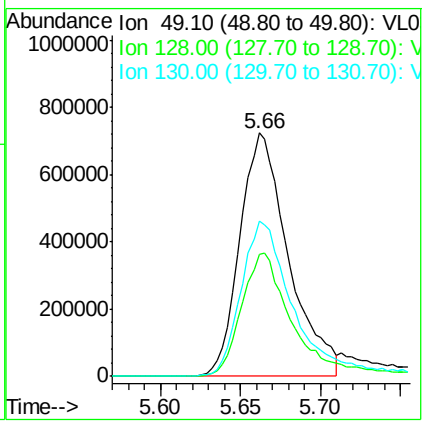


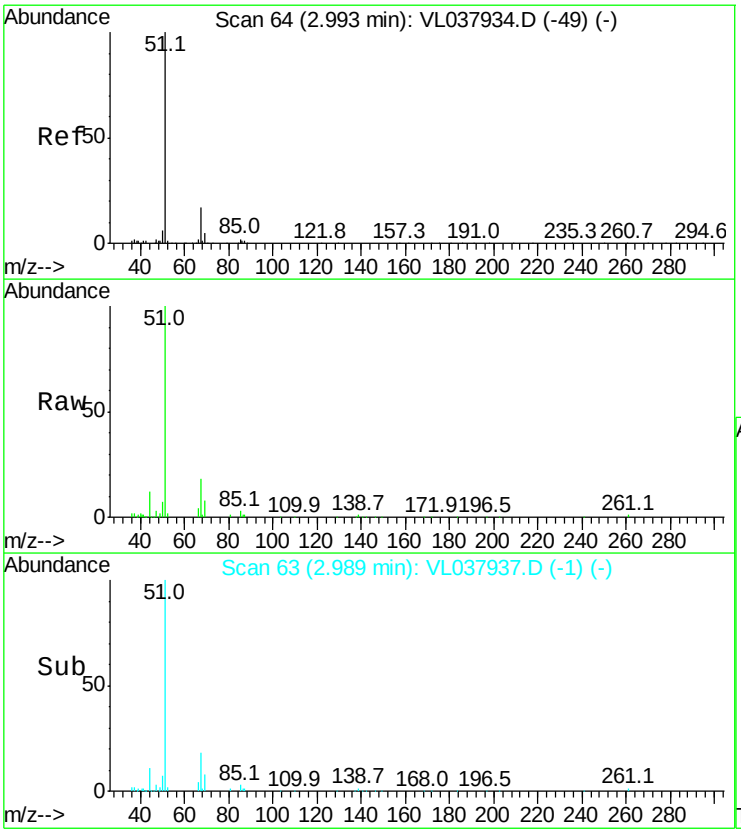
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1508448

Ion	Ratio	Lower	Upper
49	100		
128	55.4	27.0	81.0
130	72.0	33.4	100.2

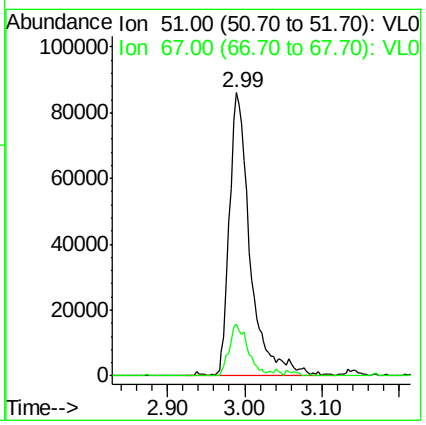


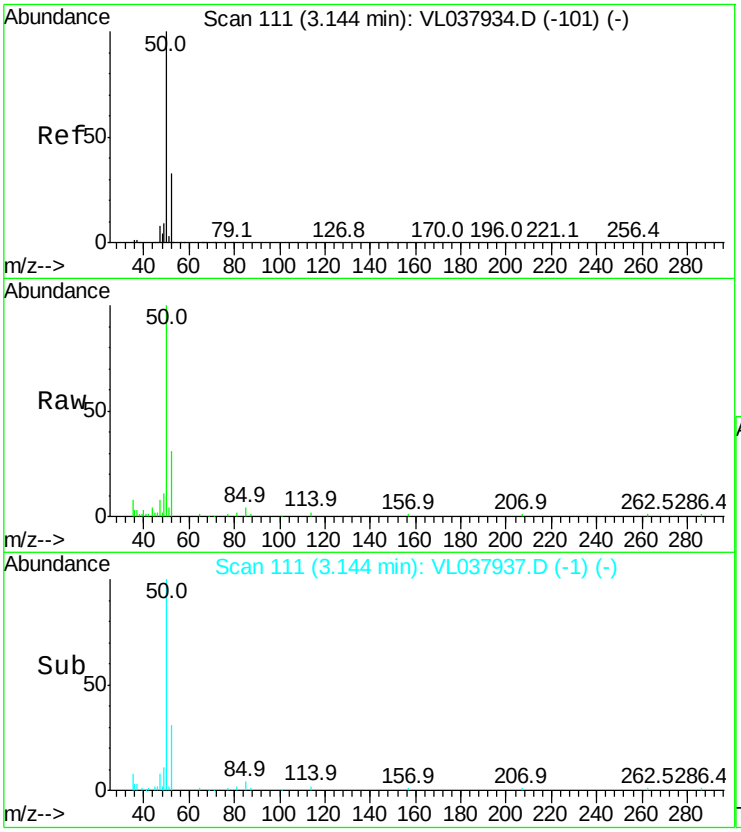


#3
Chlorodifluoromethane
Concen: 0.549 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 51 Resp: 159043

Ion	Ratio	Lower	Upper
51	100		
67	18.0	13.4	20.0



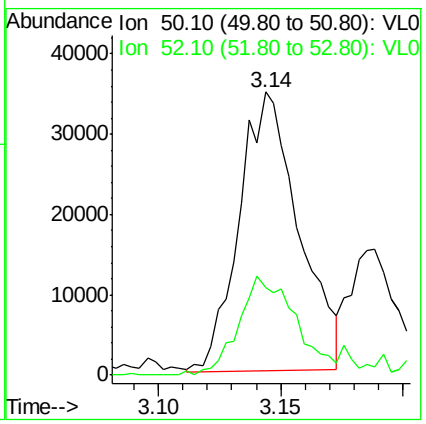


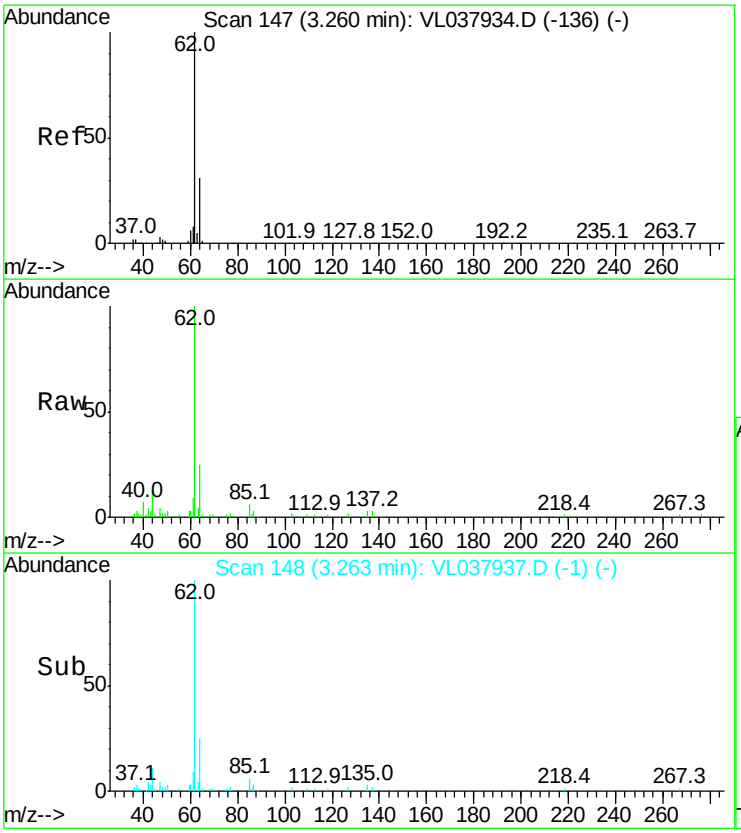
#4
Chloromethane
Concen: 0.557 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 59078

Ion	Ratio	Lower	Upper
50	100		
52	30.4	26.3	39.5

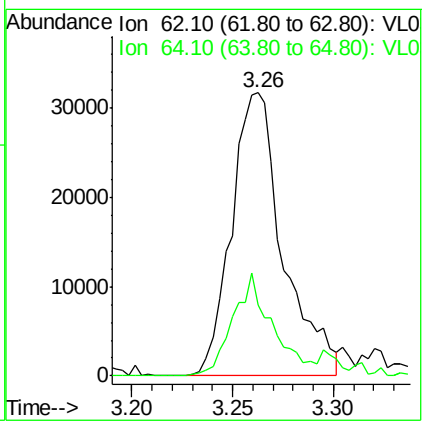


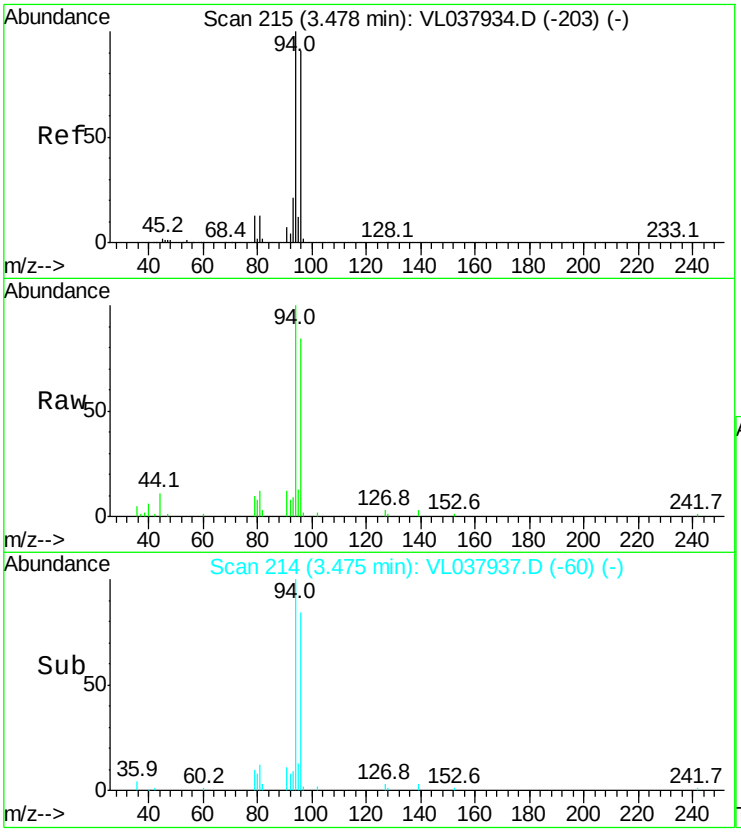


#5
Vinyl Chloride
Concen: 0.583 ppbv
RT: 3.26 min Scan# 148
Delta R.T. 0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 62 Resp: 56701

Ion	Ratio	Lower	Upper
62	100		
64	25.0	24.7	37.1



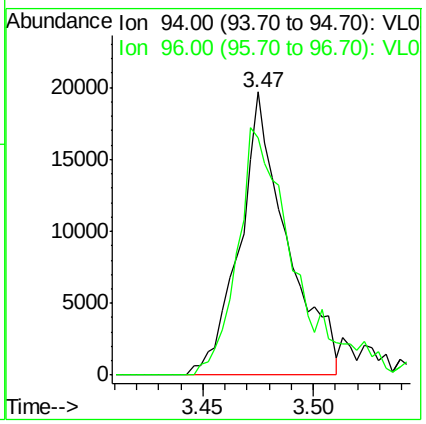


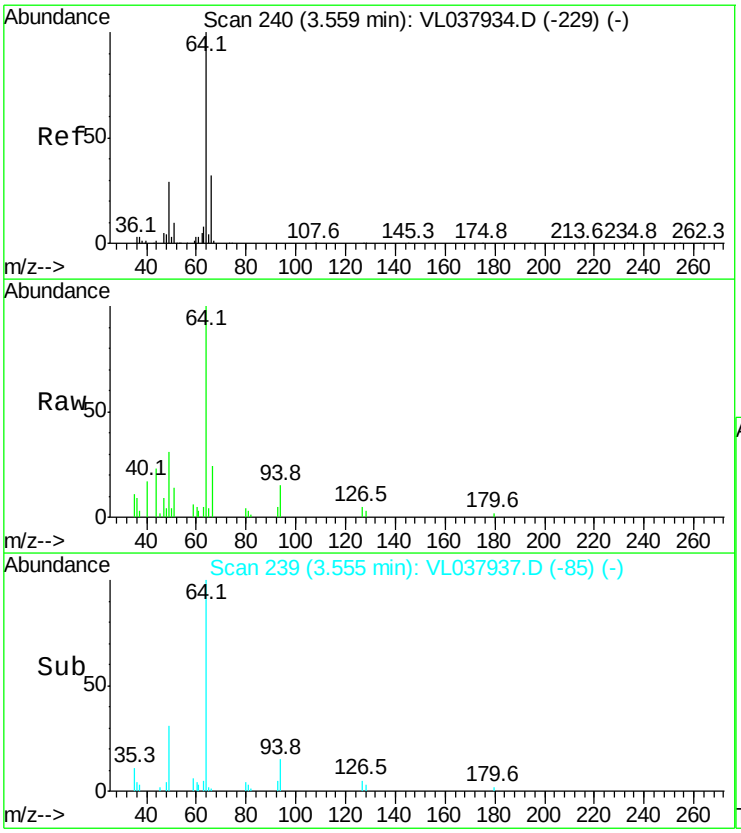
#6
Bromomethane
Concen: 0.557 ppbv
RT: 3.47
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 94 Resp: 29318

Ion	Ratio	Lower	Upper
94	100		
96	84.0	73.0	109.4

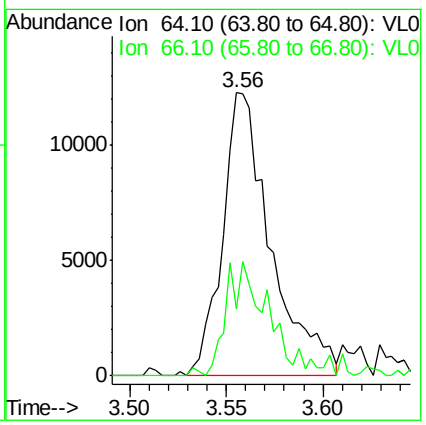


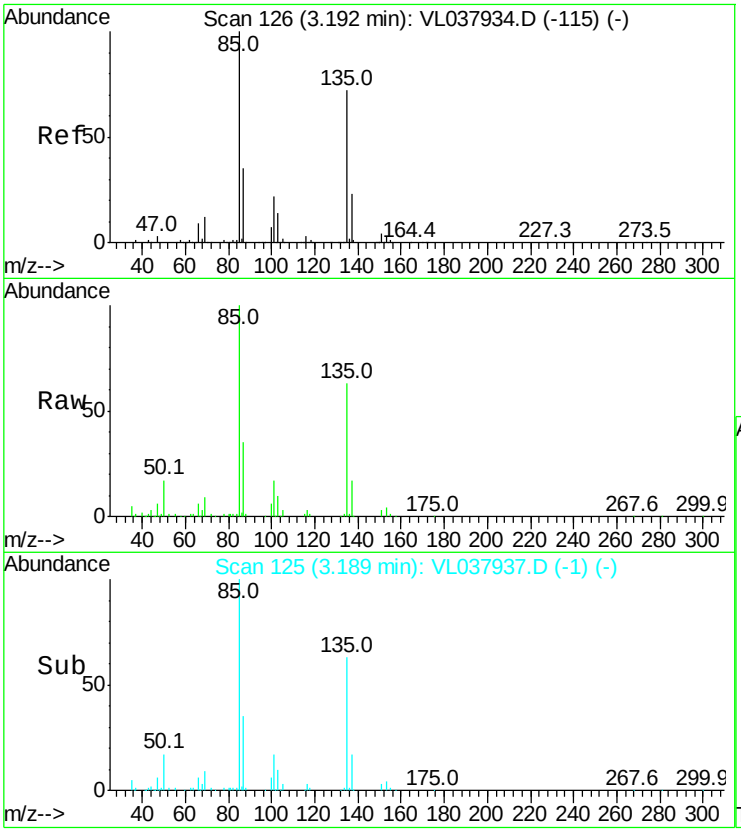


#7
Chloroethane
Concen: 0.596 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 64 Resp: 21331

Ion	Ratio	Lower	Upper
64	100		
66	23.6	25.5	38.3#



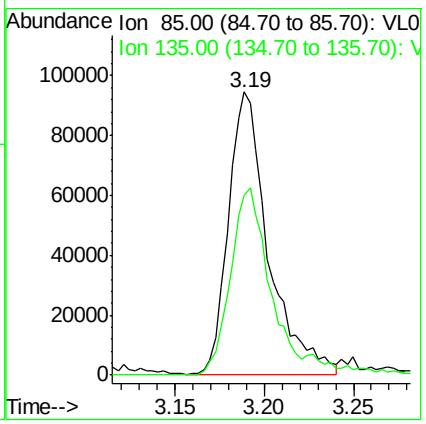


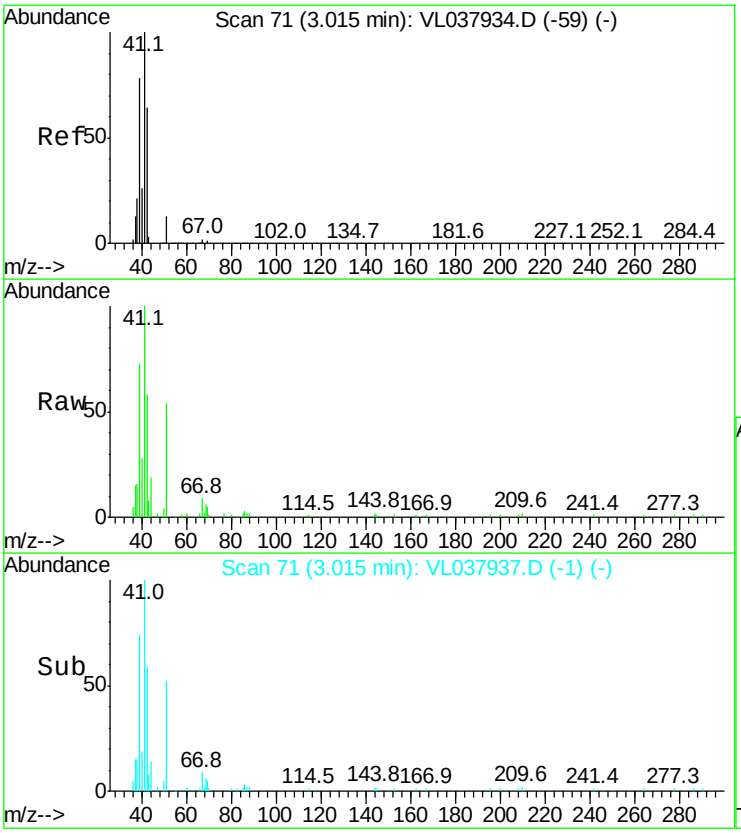
#8
Dichlorotetrafluoroethane
Concen: 0.621 ppbv
RT: 3.19
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 85 Resp: 147883

Ion	Ratio	Lower	Upper
85	100		
135	70.2	58.8	88.2

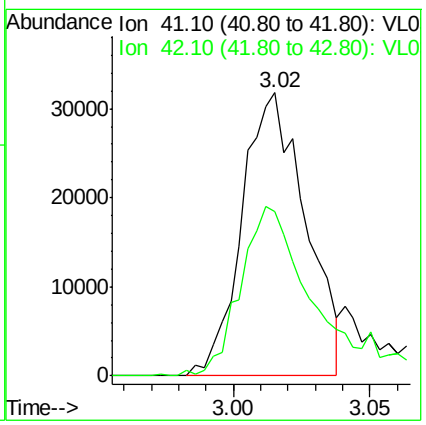


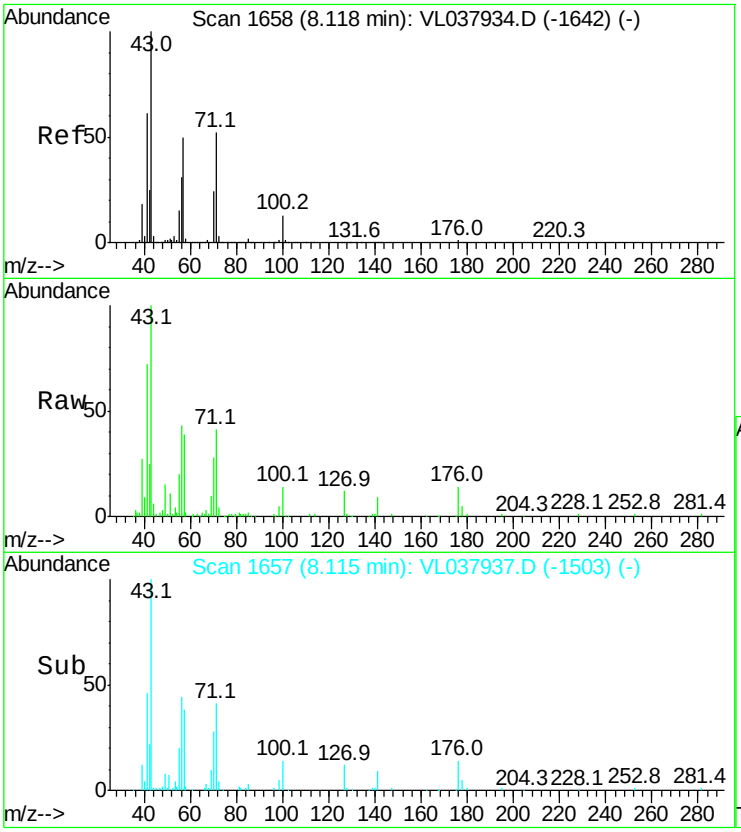


#9
Propene
Concen: 0.481 ppbv
RT: 3.02 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 41 Resp: 51316

Ion	Ratio	Lower	Upper
41	100		
42	72.1	57.6	86.4



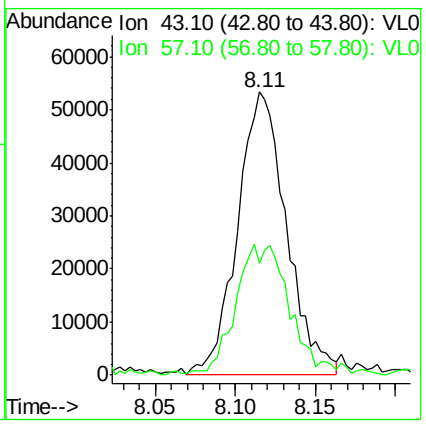


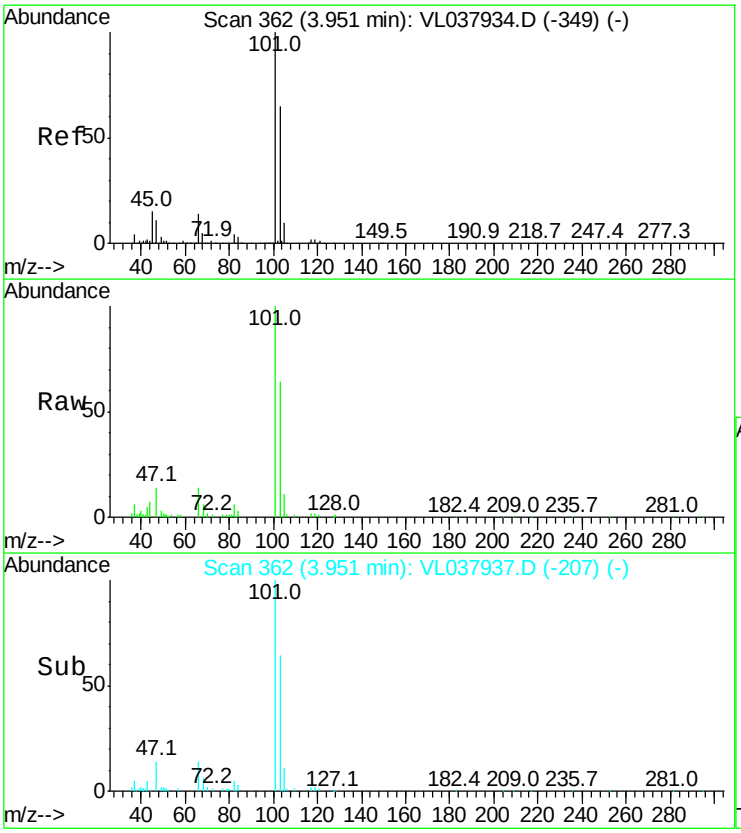
#10
Heptane
Concen: 0.462 ppbv
RT: 8.11
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 111788

Ion	Ratio	Lower	Upper
43	100		
57	51.3	39.8	59.8

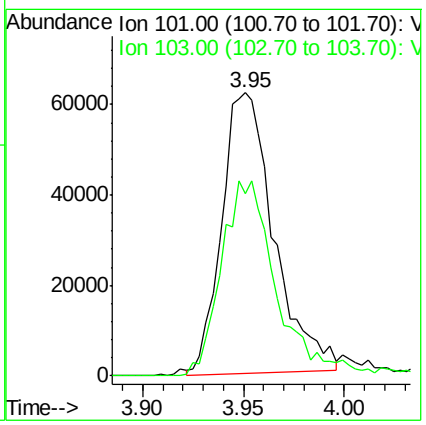


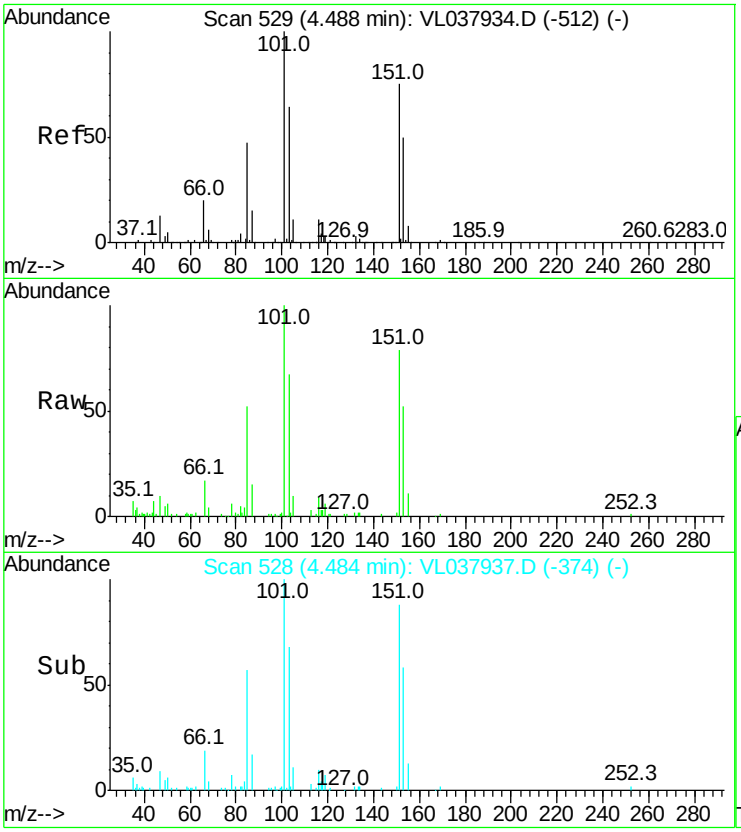


#11
Trichlorofluoromethane
Concen: 0.523 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:101 Resp: 112440

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.0	78.0



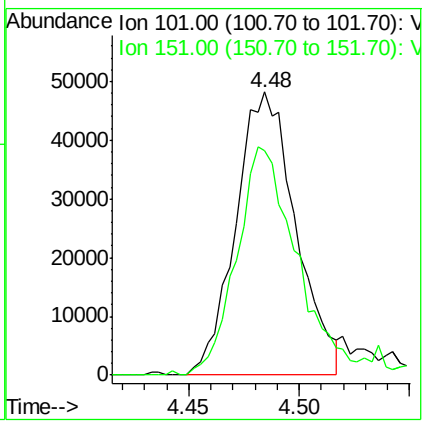


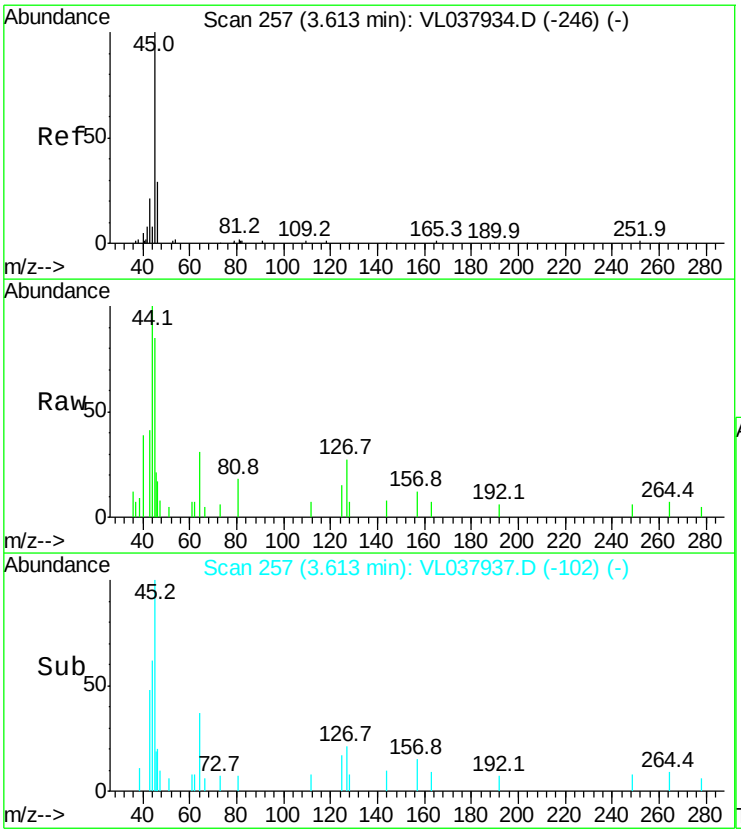
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.554 ppbv
RT: 4.48
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 90162

Ion	Ratio	Lower	Upper
101	100		
151	86.7	61.8	92.8

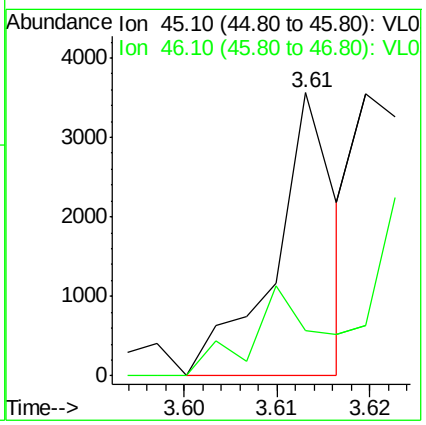


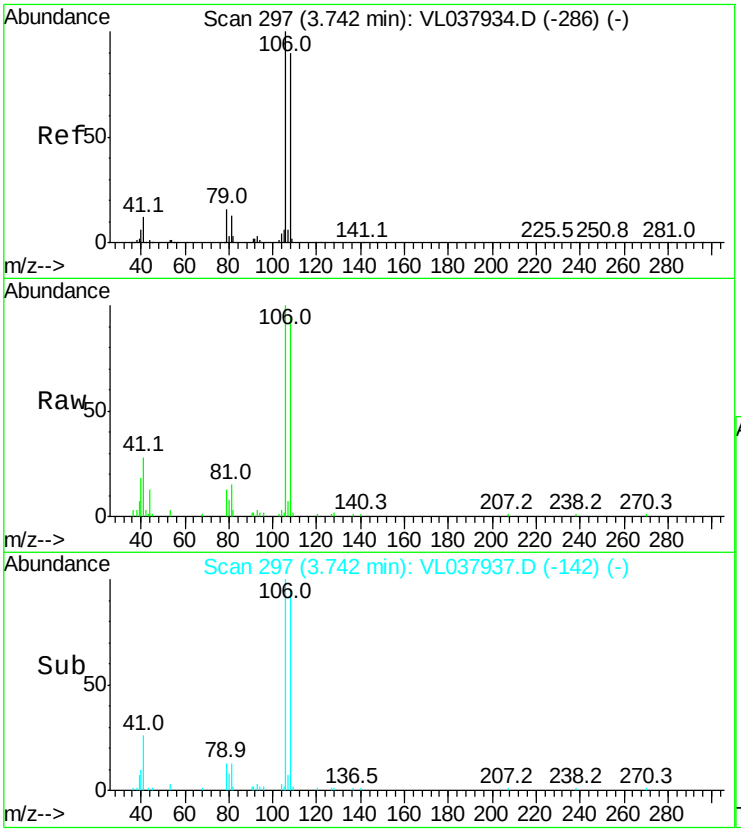


#13
Ethanol
Concen: 0.183 ppbv
RT: 3.61 min Scan# 257
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 45 Resp: 1598

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.4	69.8#



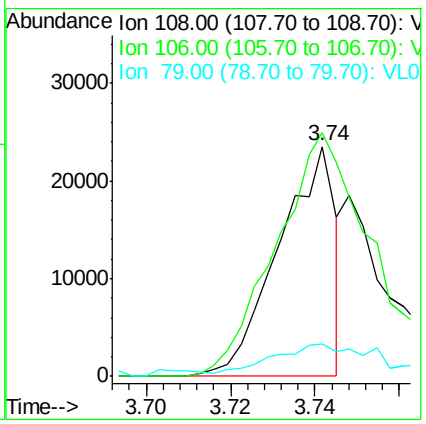


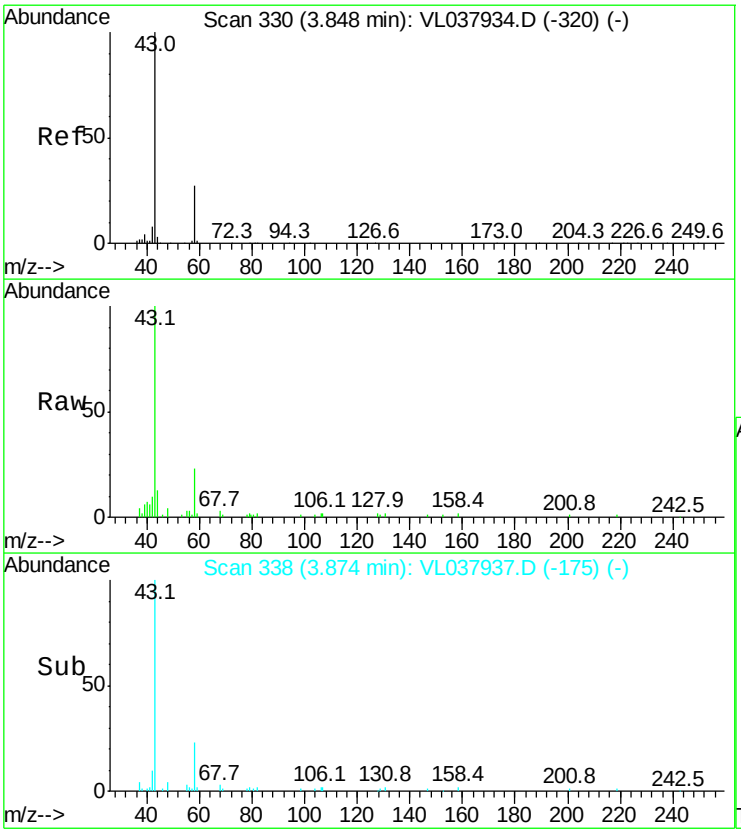
#14
Bromoethene
Concen: 0.307 ppbv
RT: 3.74
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:108 Resp: 21973

Ion	Ratio	Lower	Upper
108	100		
106	203.7	88.4	132.6#
79	34.9	12.4	18.6#

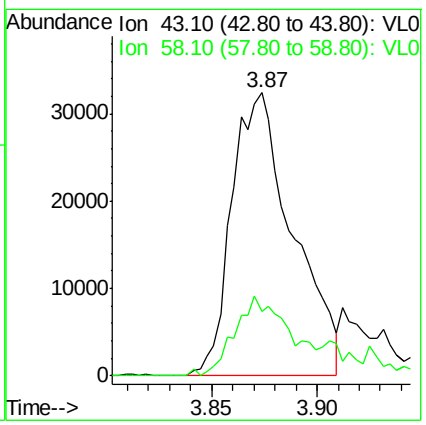


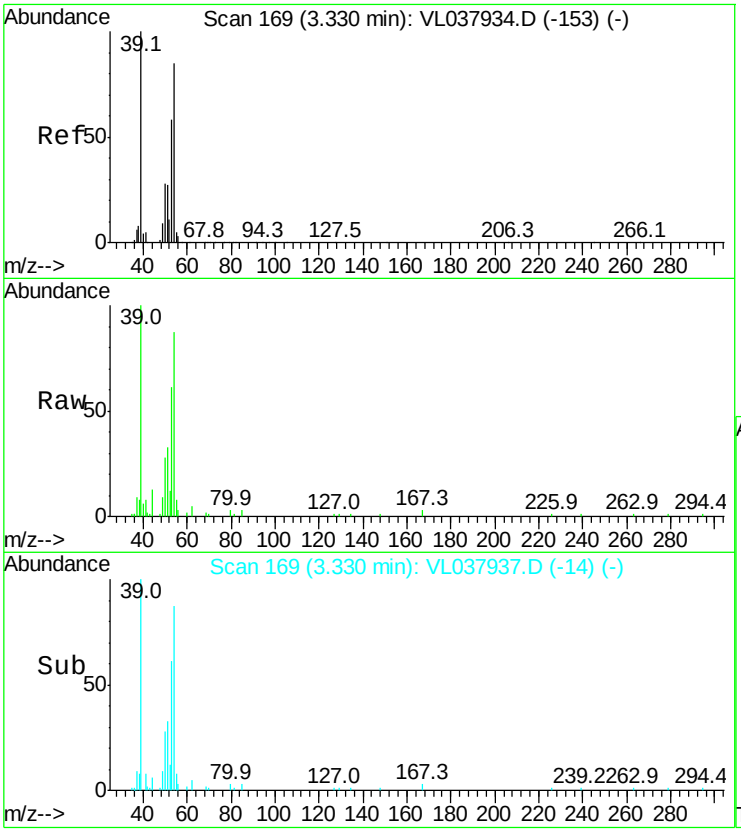


#15
Acetone
Concen: 0.481 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.03 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 43 Resp: 65170

Ion	Ratio	Lower	Upper
43	100		
58	35.6	23.3	34.9#



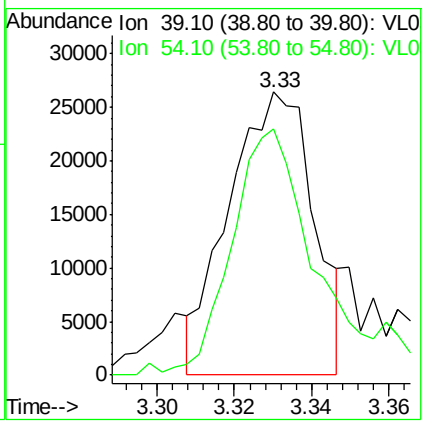


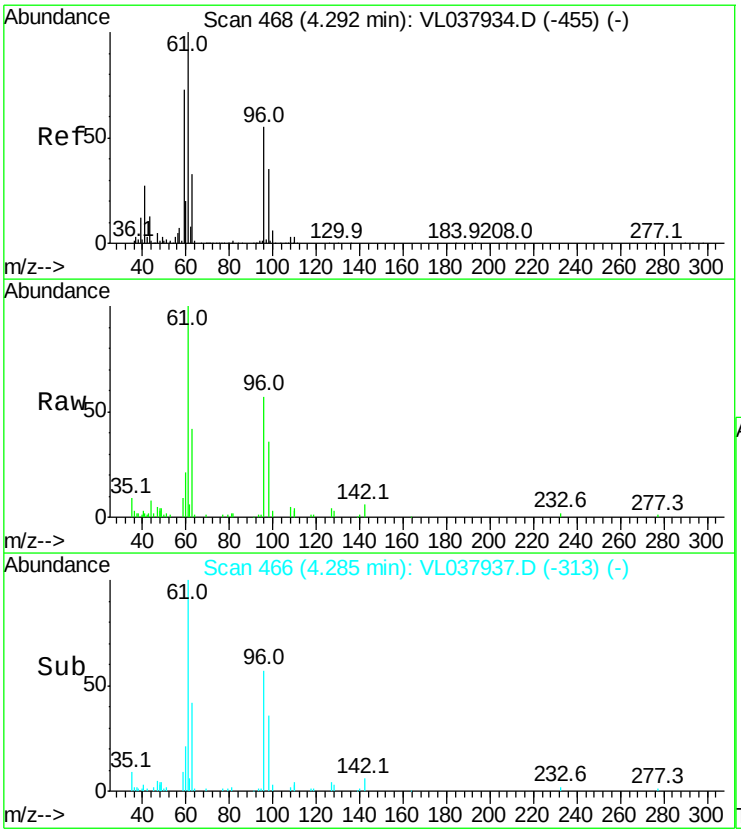
#16
1,3-Butadiene
Concen: 0.407 ppbv
RT: 3.33
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 39 Resp: 40115

Ion	Ratio	Lower	Upper
39	100		
54	98.7	62.6	93.8#

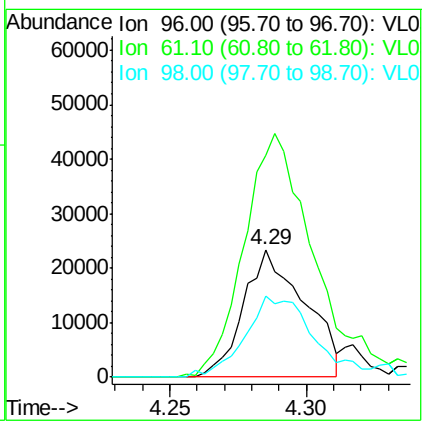


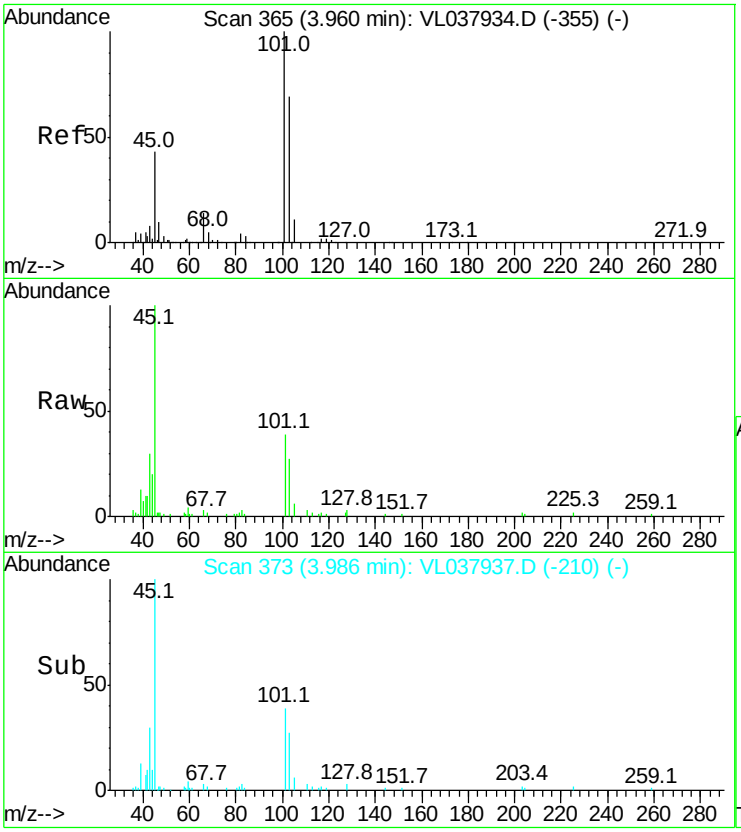


#18
1,1-Dichloroethene
Concen: 0.490 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 96 Resp: 36297

Ion	Ratio	Lower	Upper
96	100		
61	171.5	144.3	216.5
98	63.4	50.5	75.7



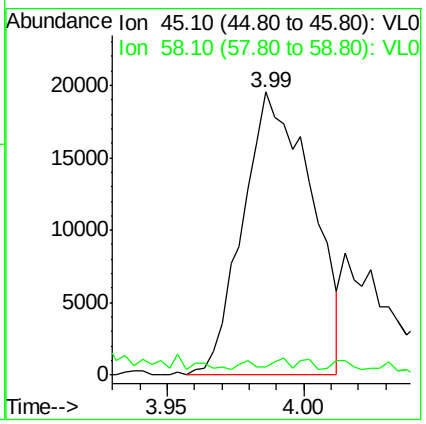


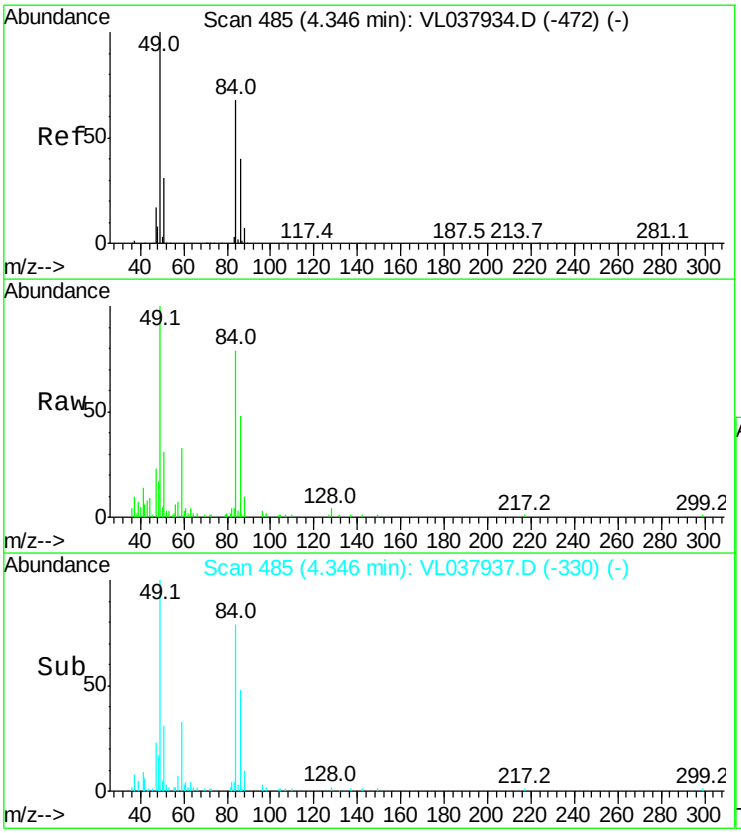
#19
Isopropyl Alcohol
Concen: 0.405 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 34136

Ion	Ratio	Lower	Upper
45	100		
58	11.0	4.0	6.0#

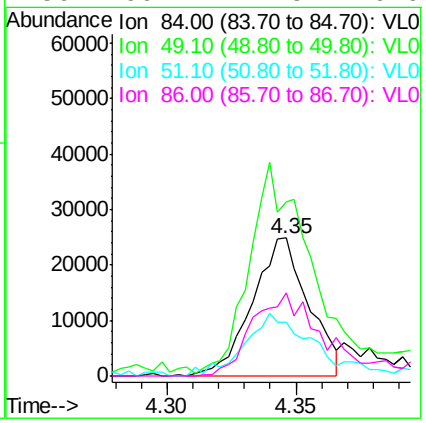


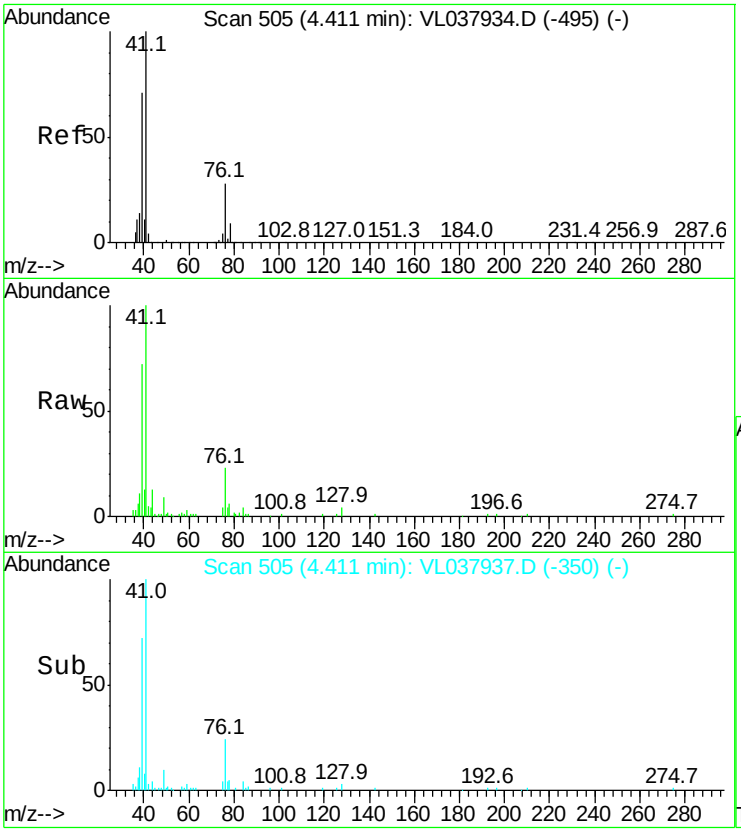


#20
Methylene Chloride
Concen: 0.551 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 84 Resp: 37679

Ion	Ratio	Lower	Upper
84	100		
49	119.7	117.5	176.3
51	39.5	35.9	53.9
86	60.1	47.3	70.9



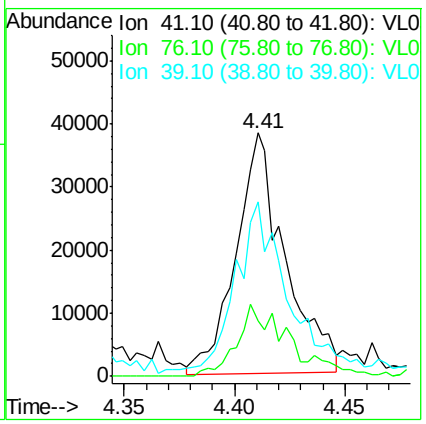


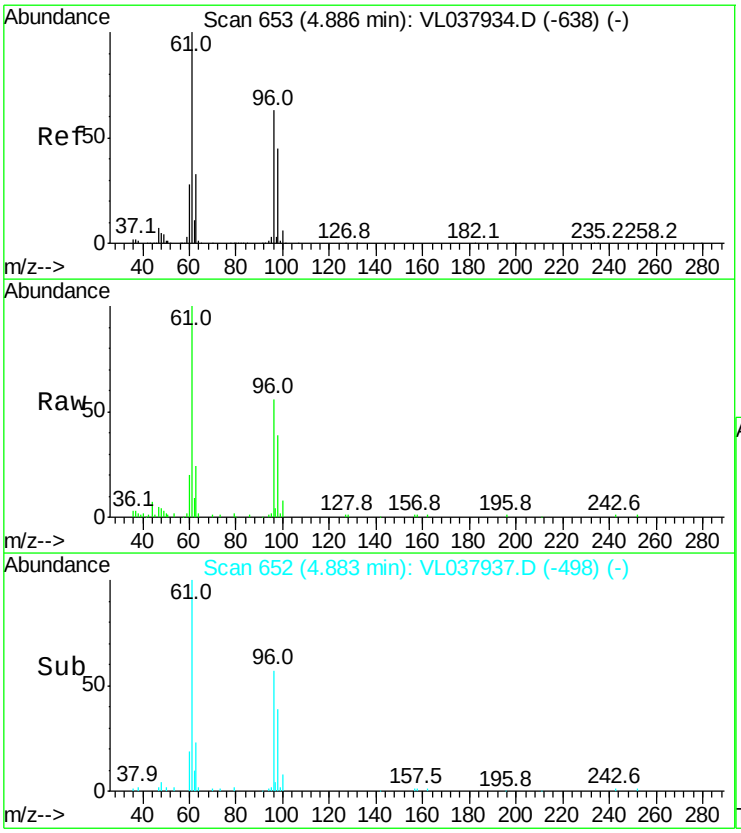
#21
Allyl Chloride
Concen: 0.490 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 58821

Ion	Ratio	Lower	Upper
41	100		
76	32.8	23.6	35.4
39	87.5	59.7	89.5

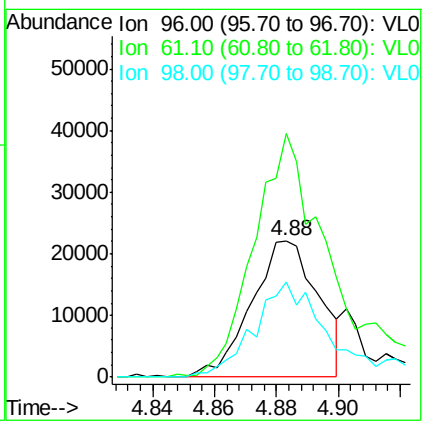


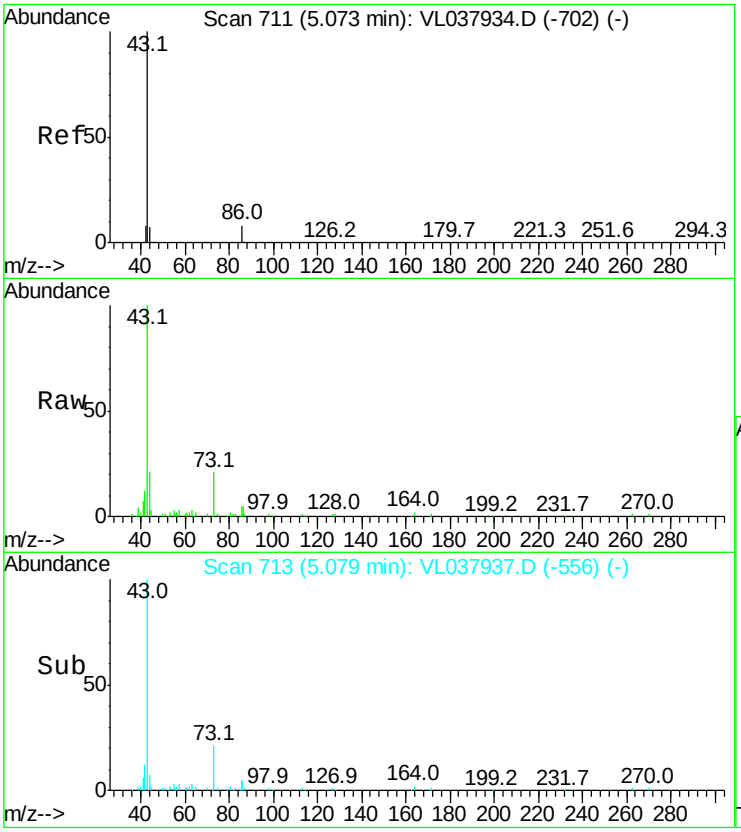


#22
trans-1,2-Dichloroethene
Concen: 0.446 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 96 Resp: 33170

Ion	Ratio	Lower	Upper
96	100		
61	176.7	127.8	191.6
98	69.3	56.9	85.3



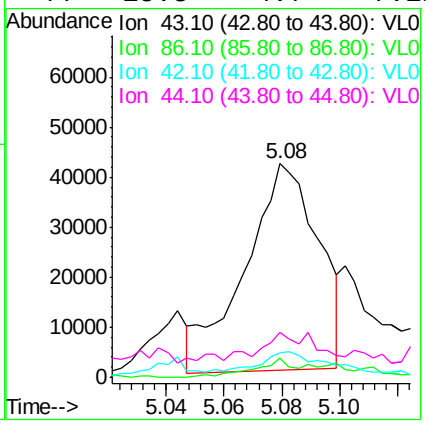


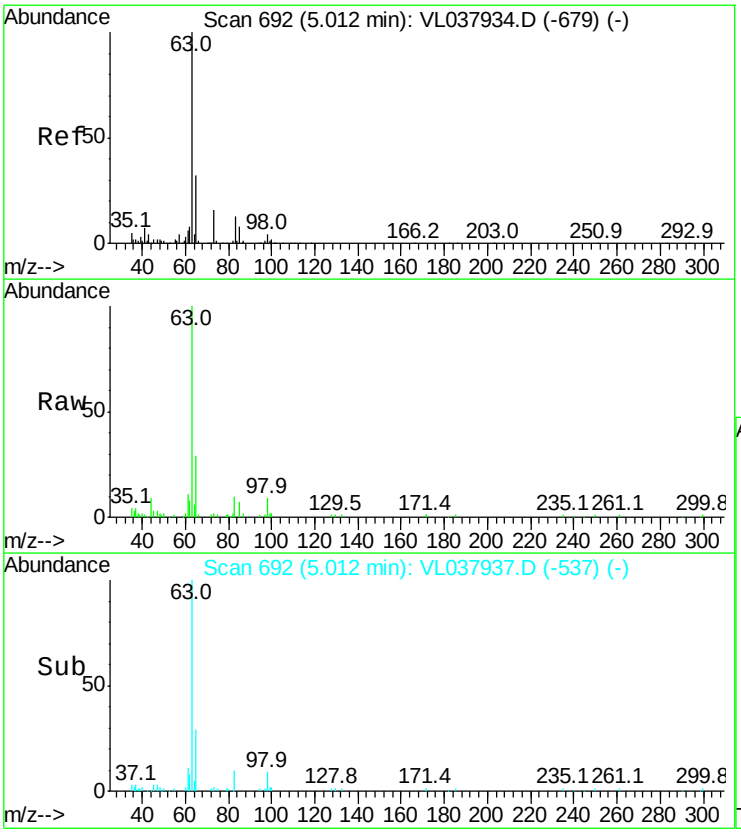
#23
Vinyl Acetate
Concen: 0.360 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 73017

Ion	Ratio	Lower	Upper
43	100		
86	12.2	5.5	8.3#
42	11.0	7.4	11.2
44	15.3	4.7	7.1#

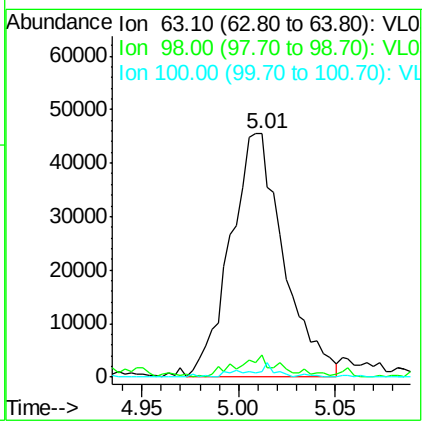


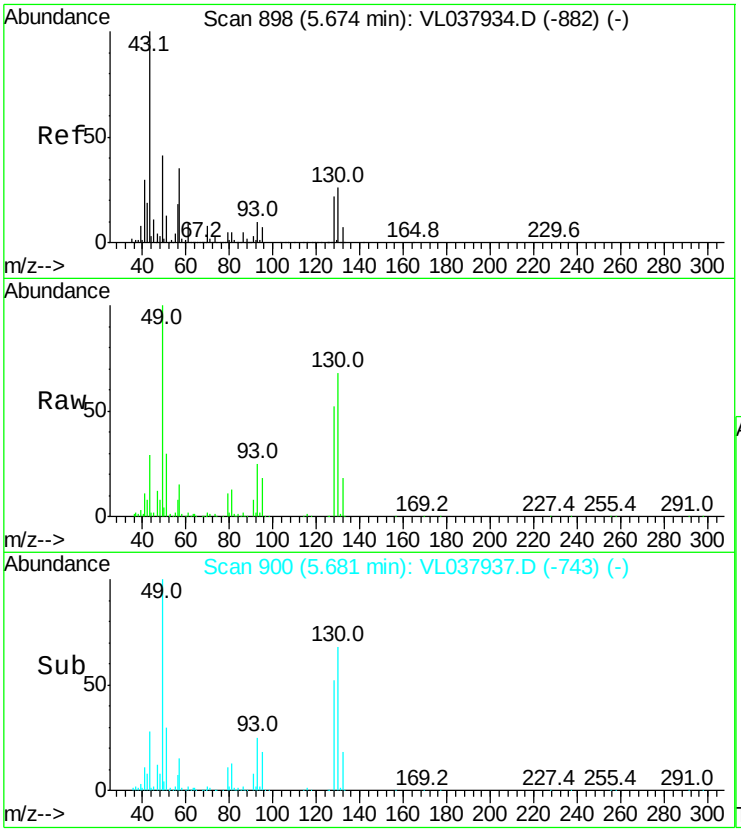


#24
1,1-Dichloroethane
Concen: 0.590 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 63 Resp: 87124

Ion	Ratio	Lower	Upper
63	100		
98	8.3	2.3	6.9#
100	2.4	1.2	3.6



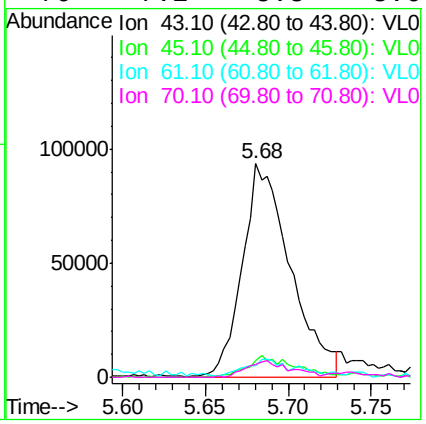


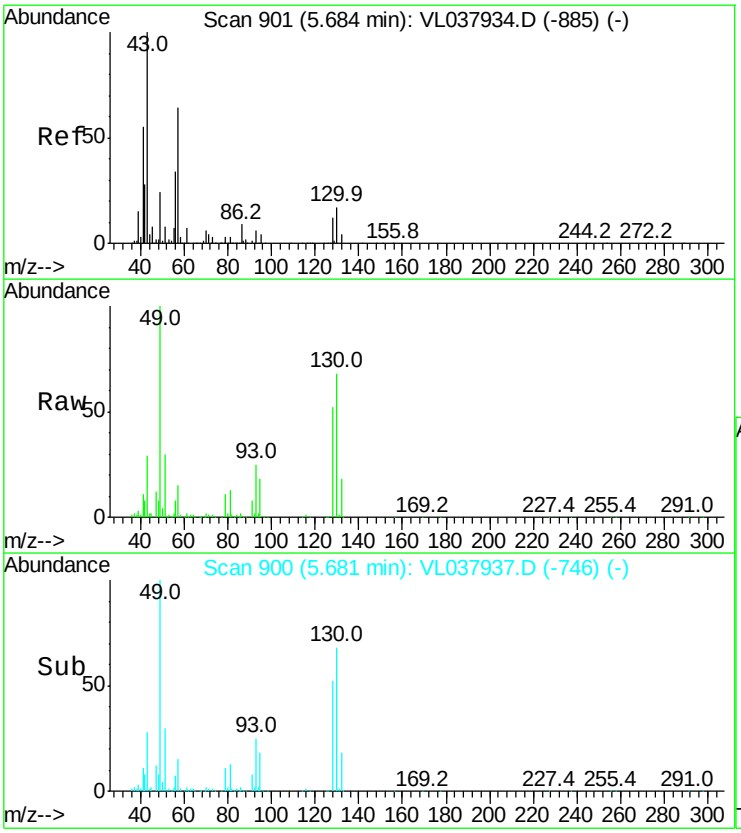
#25
Ethyl Acetate
Concen: 0.495 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 188123

Ion	Ratio	Lower	Upper
43	100		
45	11.7	8.1	12.1
61	10.0	8.1	12.1
70	7.2	5.8	8.6

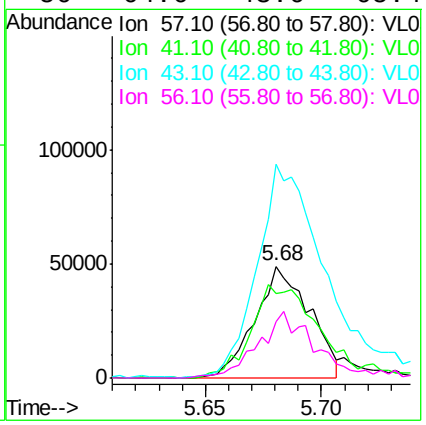


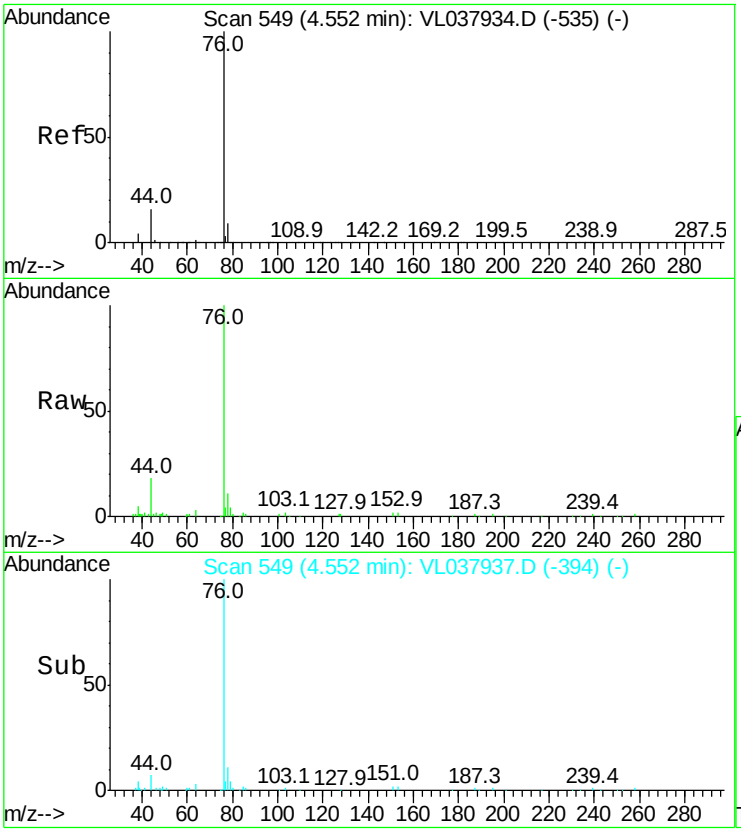


#26
Hexane
Concen: 0.427 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 57 Resp: 79982

Ion	Ratio	Lower	Upper
57	100		
41	110.8	71.0	106.6#
43	258.9	173.0	259.6
56	64.6	43.6	65.4



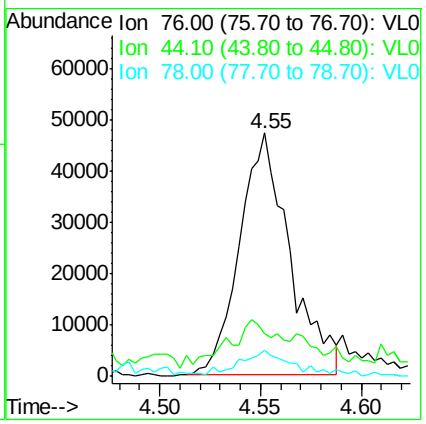


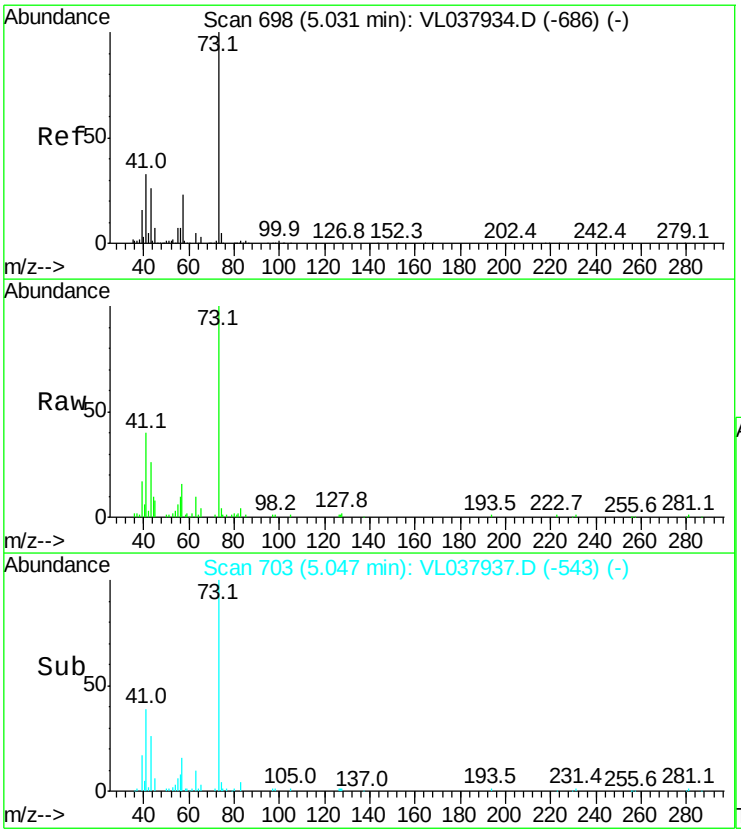
#27
Carbon Disulfide
Concen: 0.494 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 81876

Ion	Ratio	Lower	Upper
76	100		
44	19.4	13.2	19.8
78	12.4	7.2	10.8#

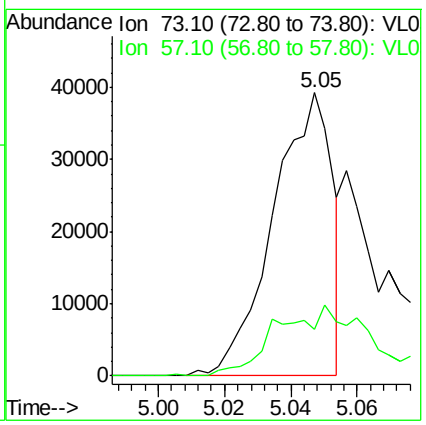


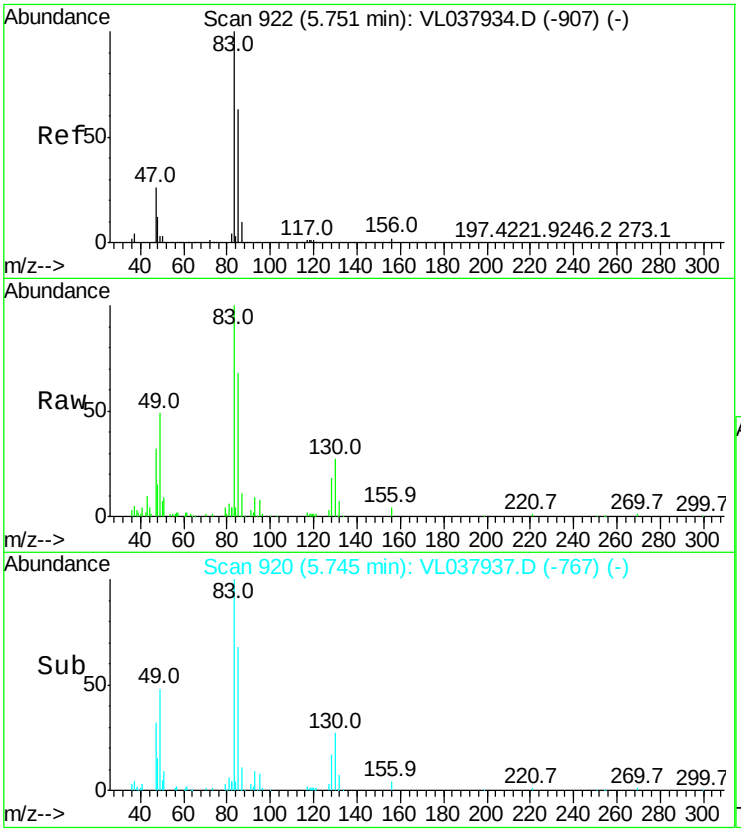


#28
Methyl tert-Butyl Ether
Concen: 0.313 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 73 Resp: 48756

Ion	Ratio	Lower	Upper
73	100		
57	42.1	20.1	30.1#



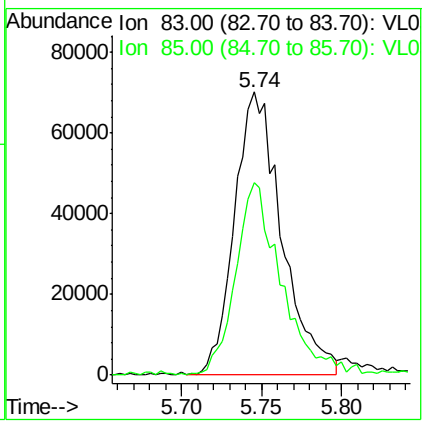


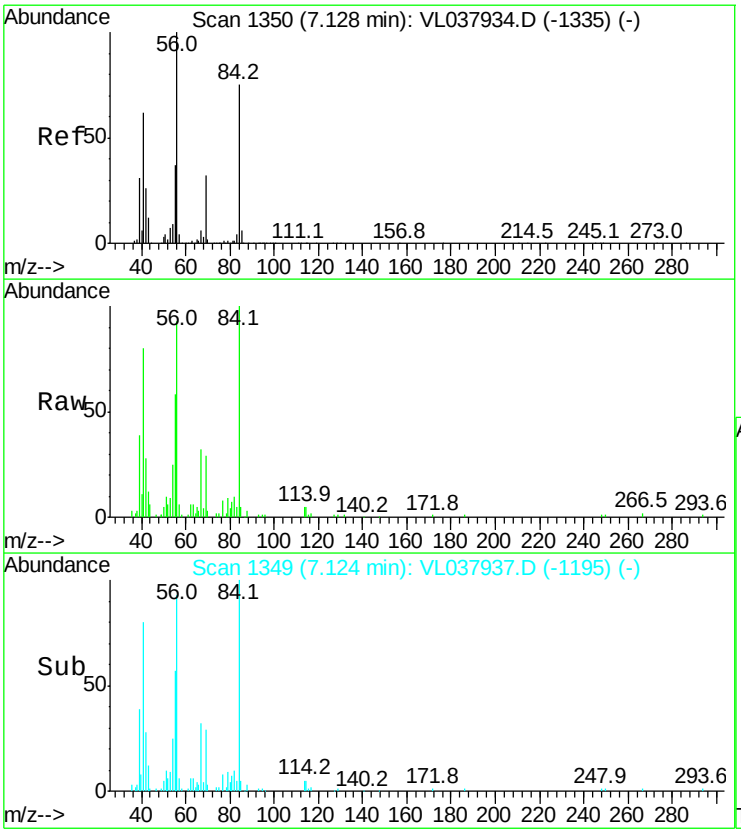
#29
Chloroform
Concen: 0.528 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 141278

Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.6	76.0

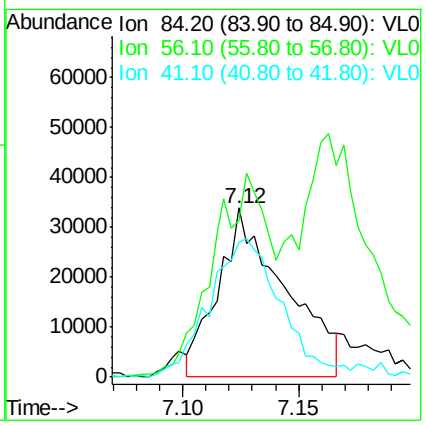


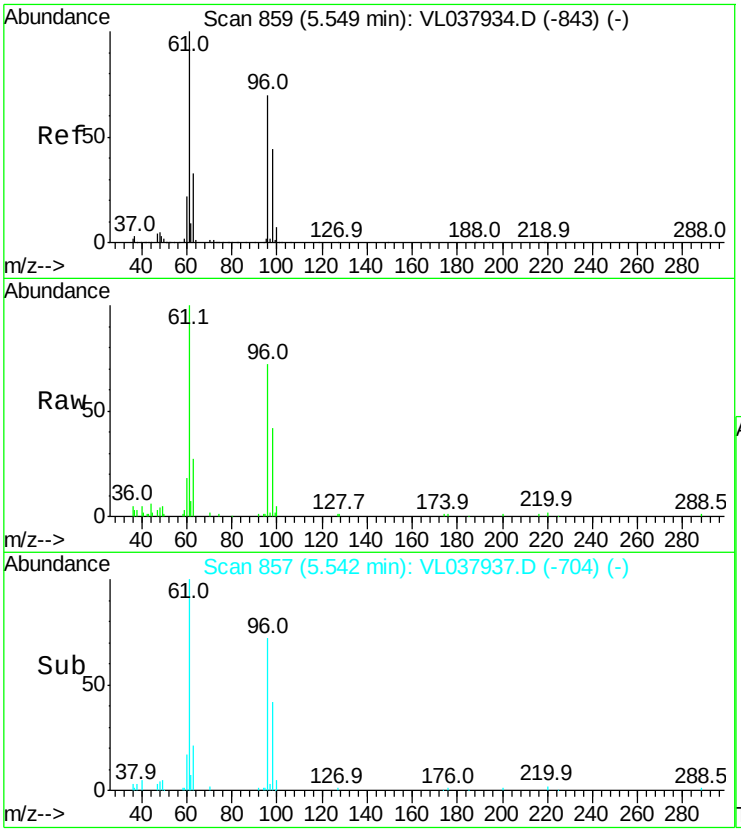


#30
Cyclohexane
Concen: 0.430 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 84 Resp: 68283

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.0	171.0#
41	93.0	68.3	102.5



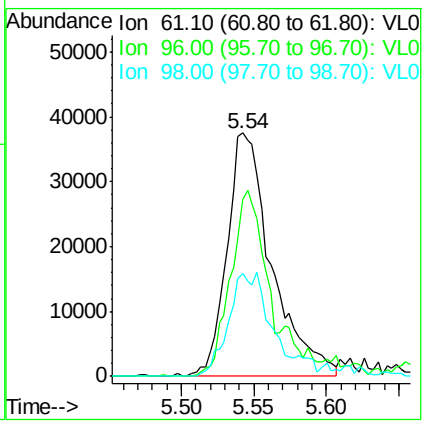


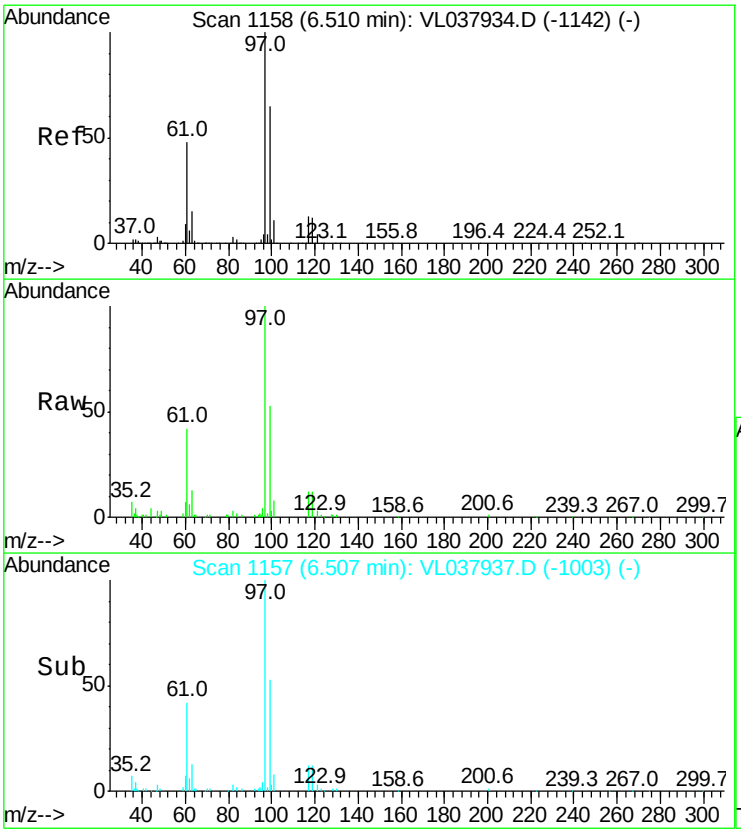
#31
cis-1,2-Dichloroethene
Concen: 0.473 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 80398

Ion	Ratio	Lower	Upper
61	100		
96	72.5	55.6	83.4
98	42.4	34.9	52.3

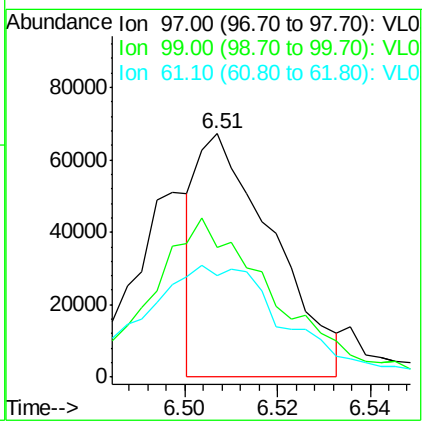


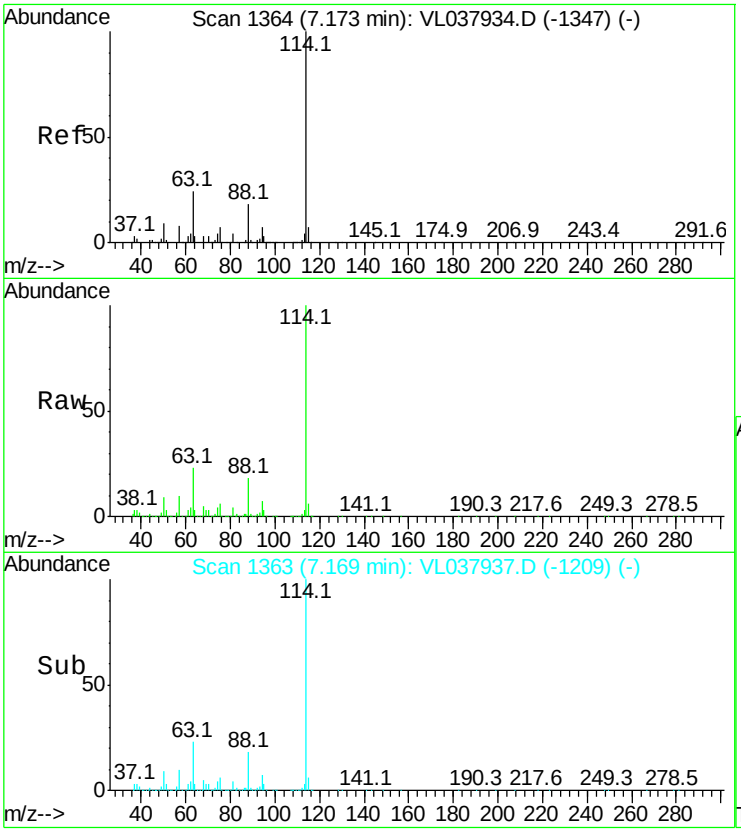


#32
1,1,1-Trichloroethane
Concen: 0.300 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 97 Resp: 76003

Ion	Ratio	Lower	Upper
97	100		
99	113.2	52.2	78.4#
61	90.7	39.8	59.6#



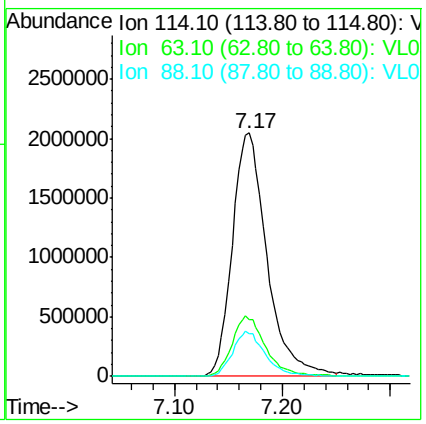


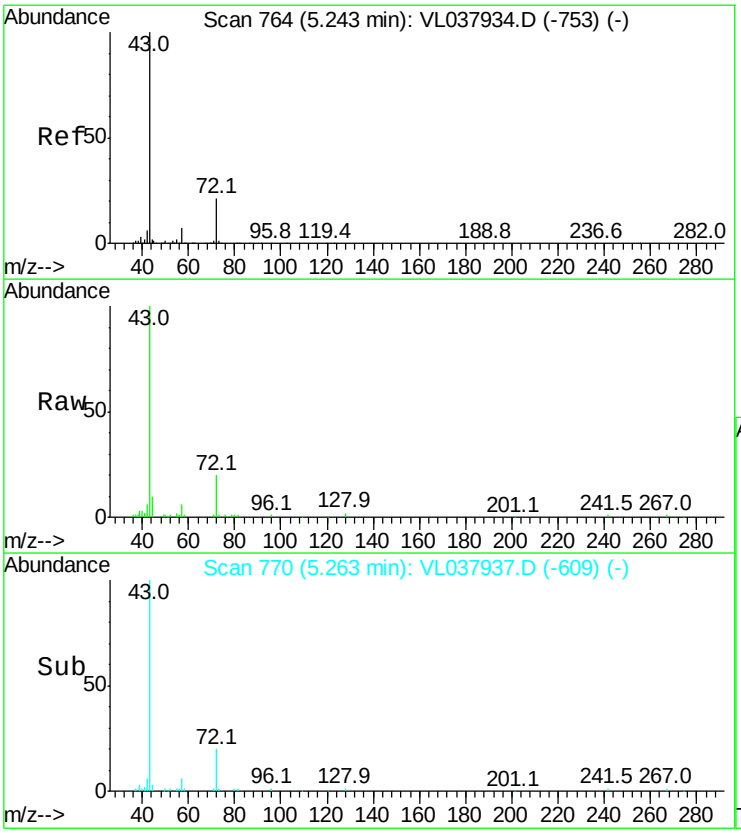
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 4585240

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.0
88	17.9	14.2	21.4

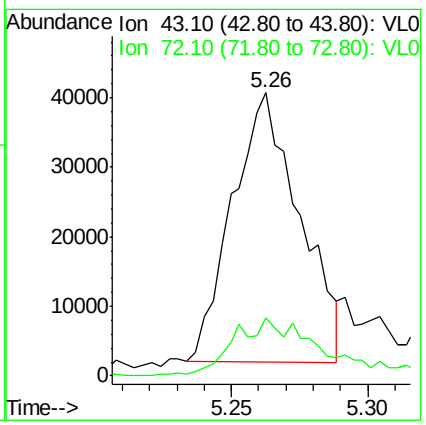


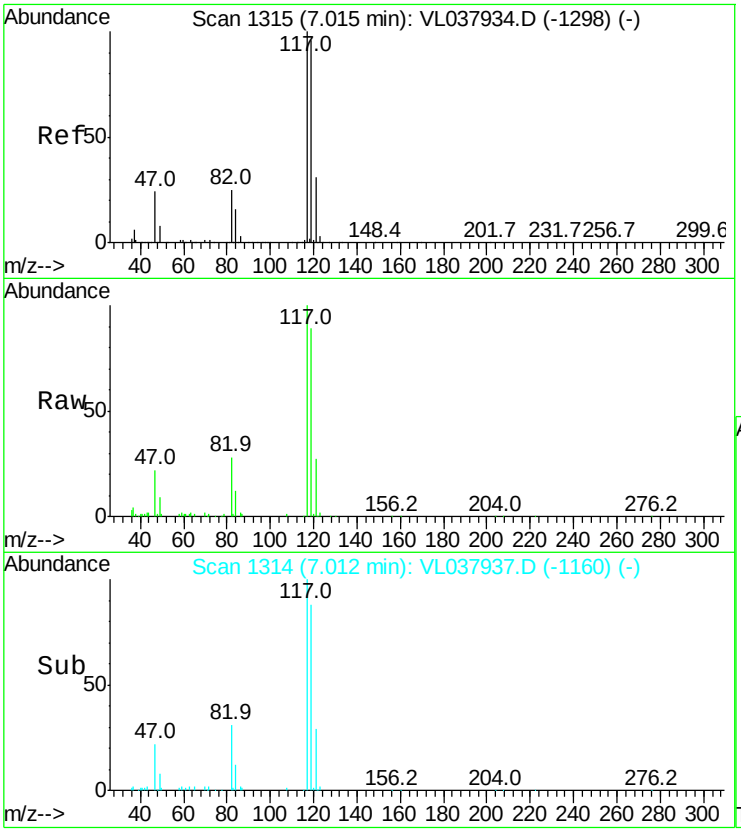


#34
2-Butanone
Concen: 0.360 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.02 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 43 Resp: 66645

Ion	Ratio	Lower	Upper
43	100		
72	30.4	18.3	27.5#



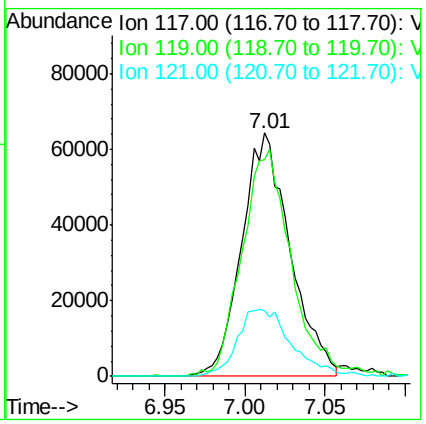


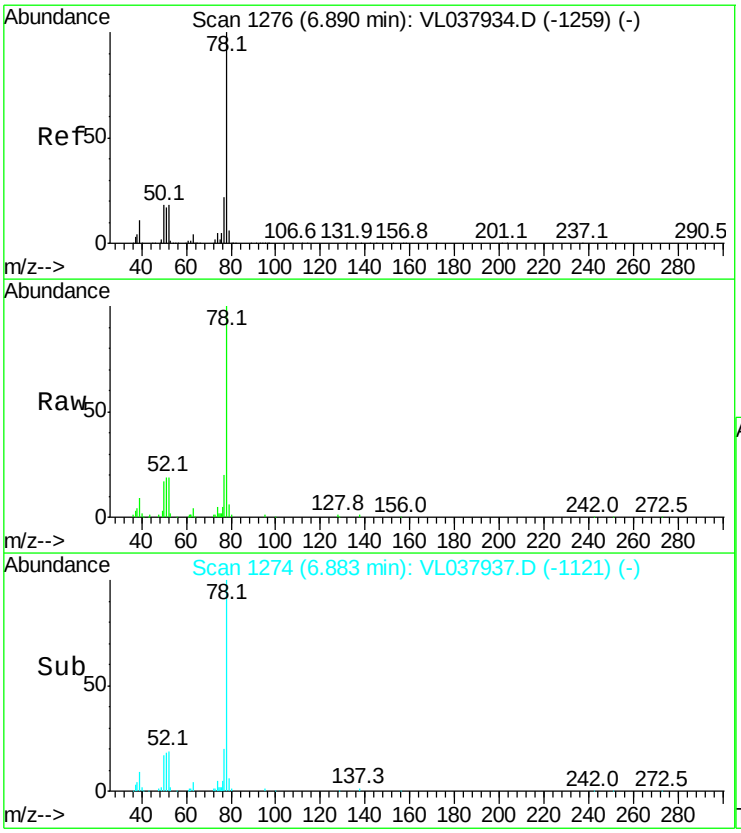
#35
Carbon Tetrachloride
Concen: 0.513 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 133700

Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.6	114.8
121	27.0	25.1	37.7

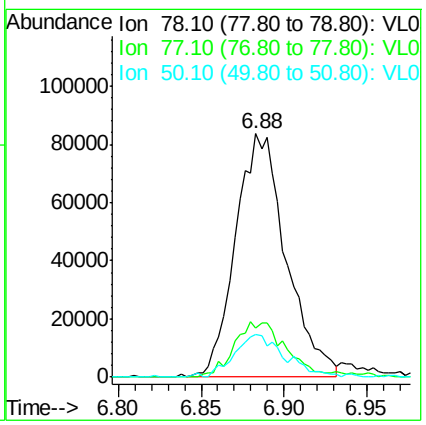


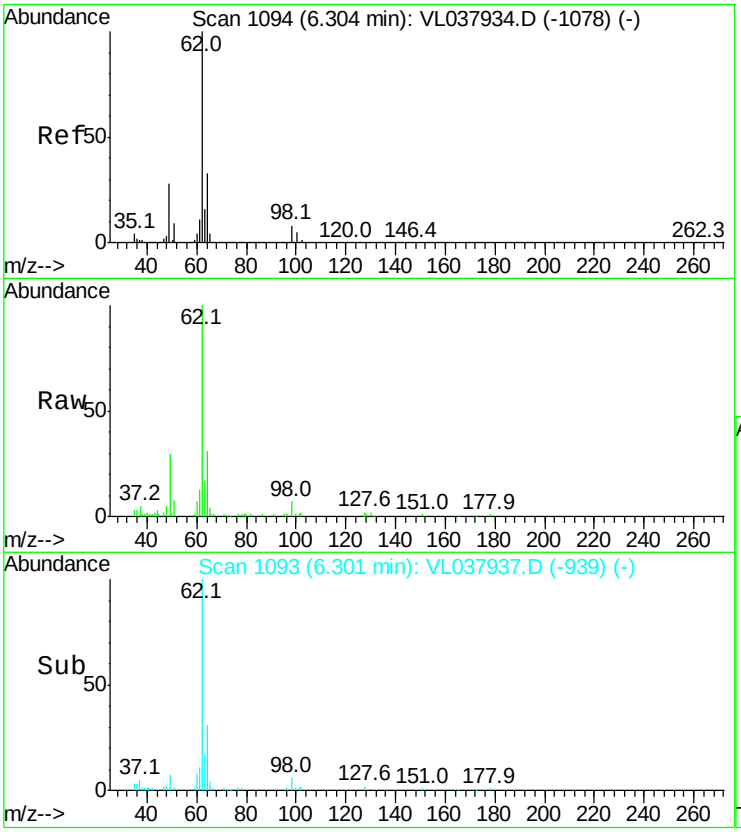


#36
Benzene
Concen: 0.453 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 78 Resp: 177258

Ion	Ratio	Lower	Upper
78	100		
77	20.2	17.9	26.9
50	17.3	14.4	21.6



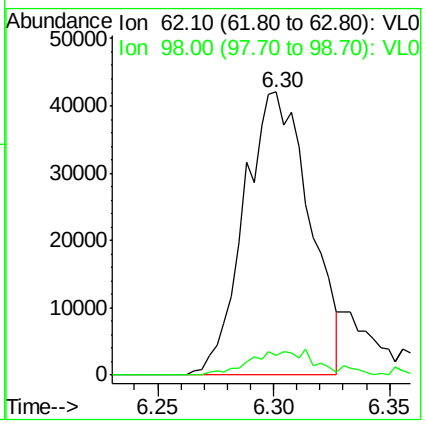


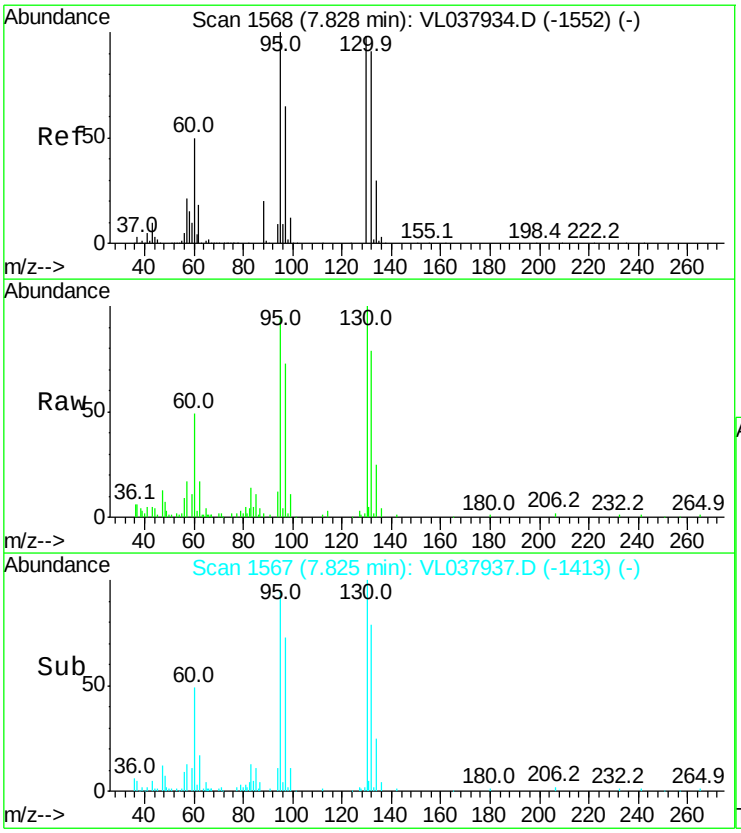
#37
1,2-Dichloroethane
Concen: 0.447 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 82435

Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.5	9.7

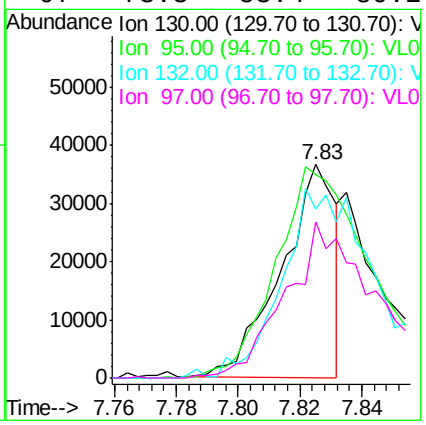


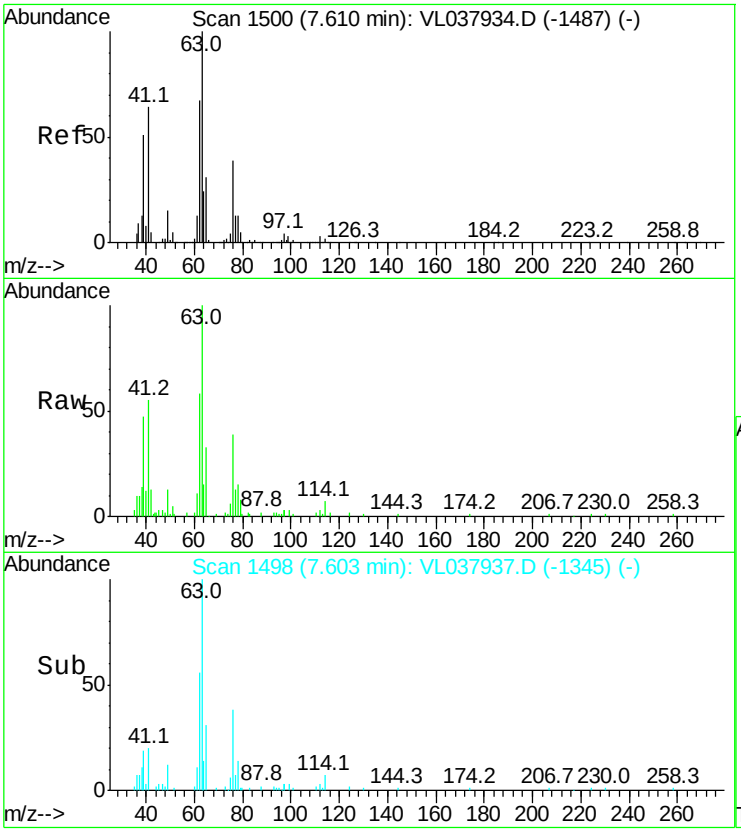


#38
Trichloroethene
Concen: 0.285 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:130 Resp: 44110

Ion	Ratio	Lower	Upper
130	100		
95	95.1	81.8	122.8
132	78.4	74.2	111.2
97	73.3	53.4	80.2



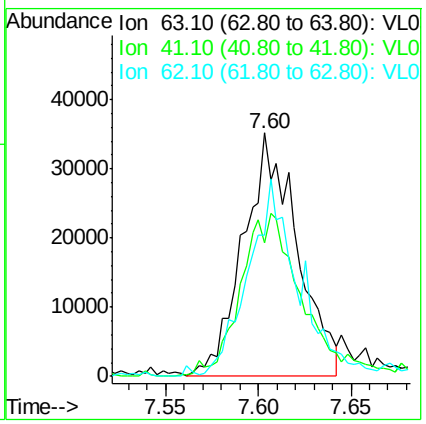


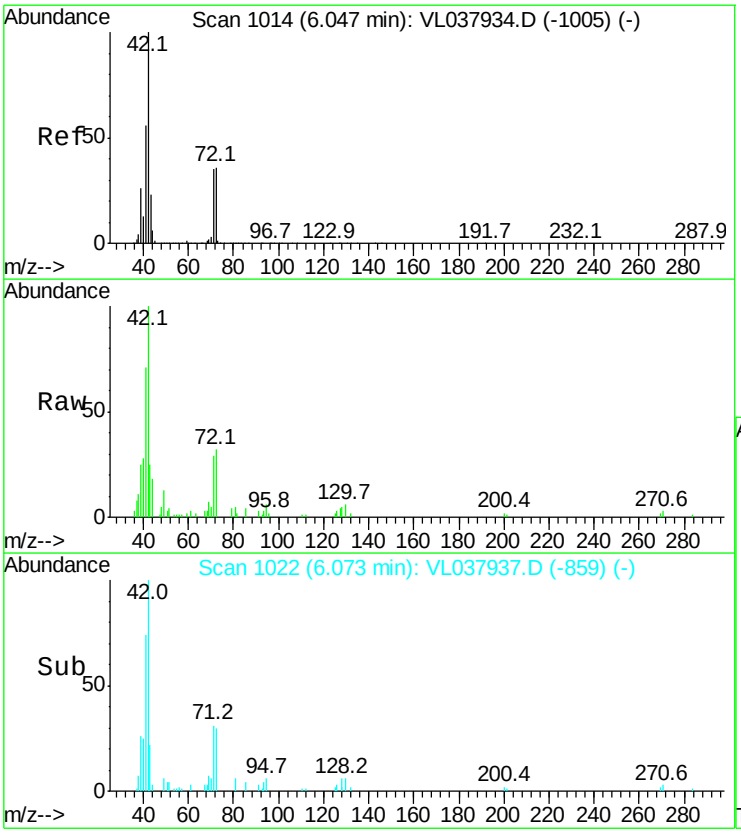
#39
1,2-Dichloropropane
Concen: 0.481 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 70800

Ion	Ratio	Lower	Upper
63	100		
41	54.0	51.6	77.4
62	53.8	53.5	80.3

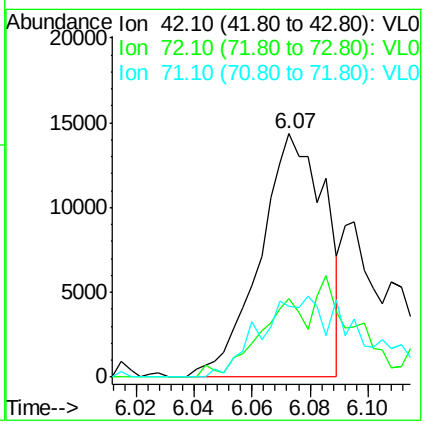


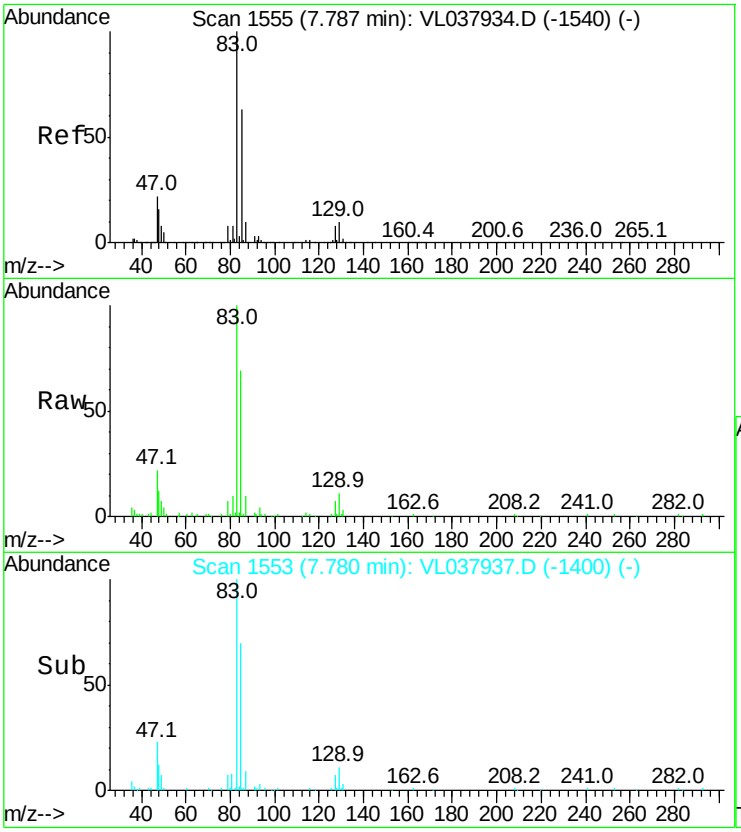


#41
Tetrahydrofuran
Concen: 0.246 ppbv
RT: 6.07 min Scan# 1022
Delta R.T. 0.03 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 42 Resp: 22341

Ion	Ratio	Lower	Upper
42	100		
72	55.1	31.5	47.3#
71	60.5	30.5	45.7#



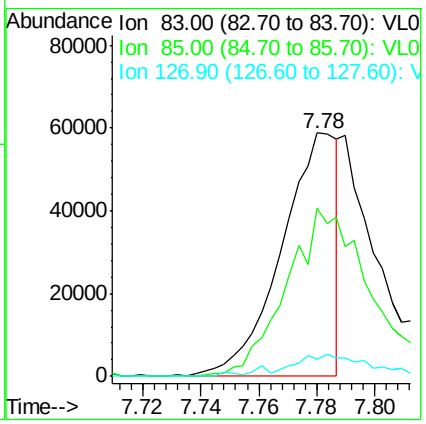


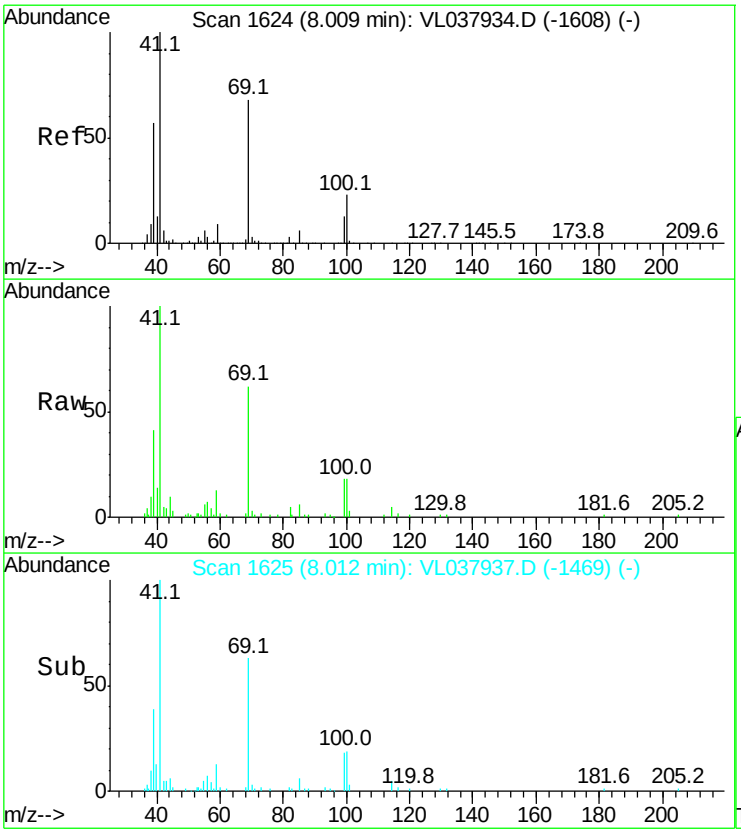
#42
Bromodichloromethane
Concen: 0.290 ppbv
RT: 7.78
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 78560

Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.1	75.1
127	8.3	6.1	9.1

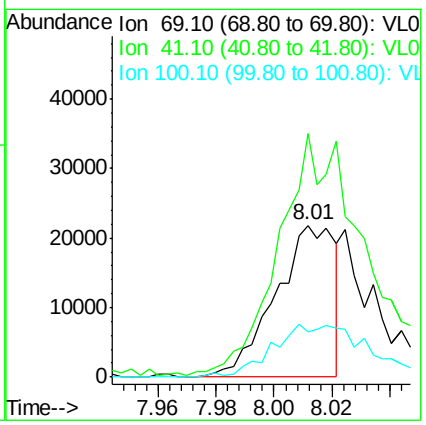


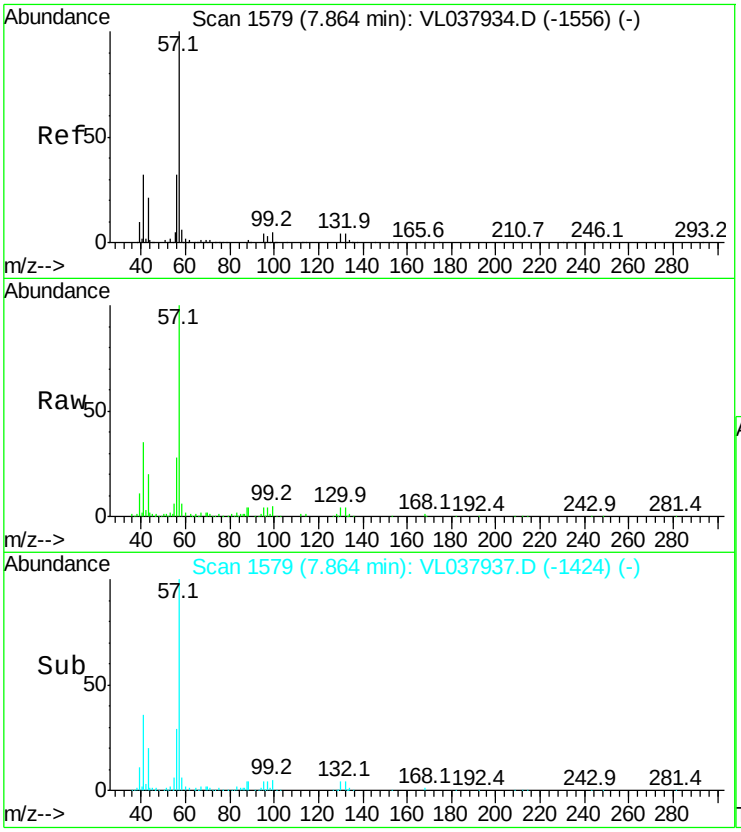


#43
Methyl Methacrylate
Concen: 0.243 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 69 Resp: 31124

Ion	Ratio	Lower	Upper
69	100		
41	246.2	117.4	176.2#
100	59.8	27.8	41.6#



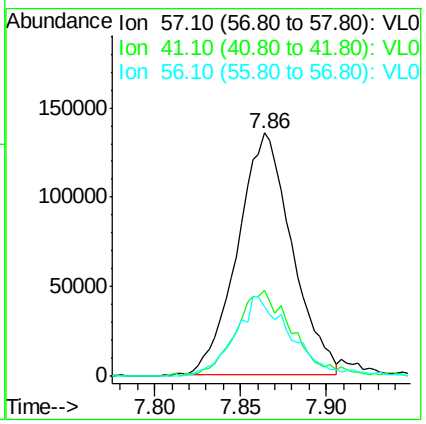


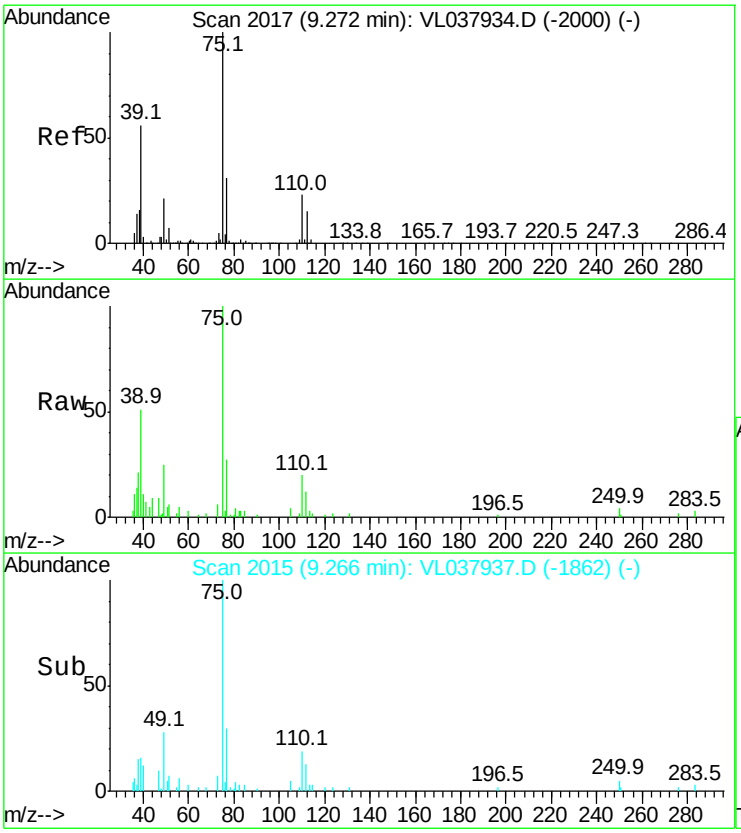
#44
2,2,4-Trimethylpentane
Concen: 0.450 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 296239

Ion	Ratio	Lower	Upper
57	100		
41	38.3	25.8	38.8
56	34.9	25.9	38.9

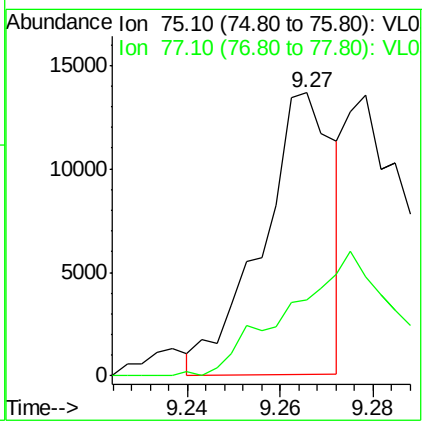


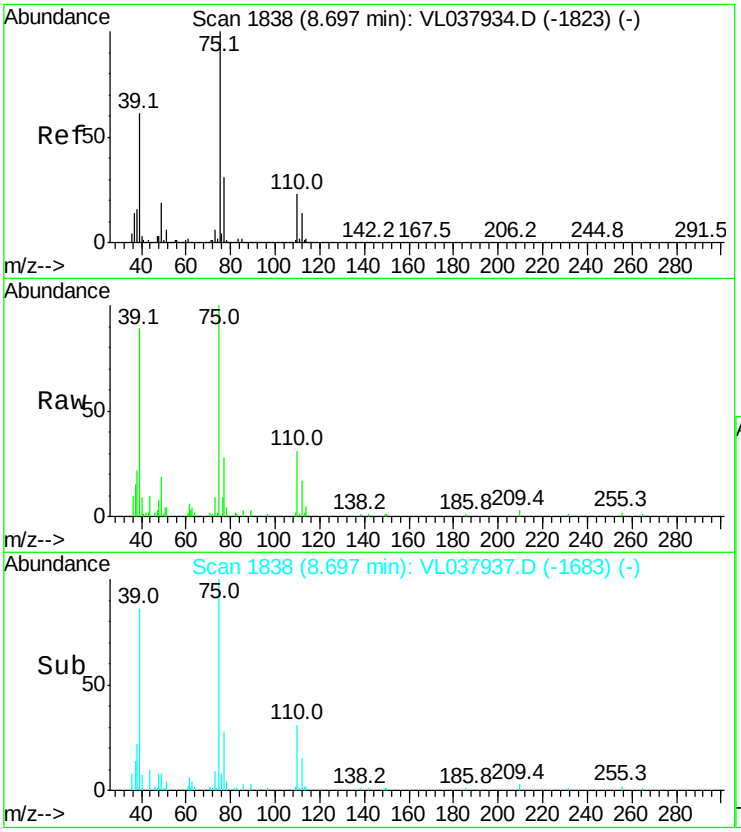


#45
t-1,3-Dichloropropene
Concen: 0.166 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 75 Resp: 14601

Ion	Ratio	Lower	Upper
75	100		
77	26.9	25.2	37.8



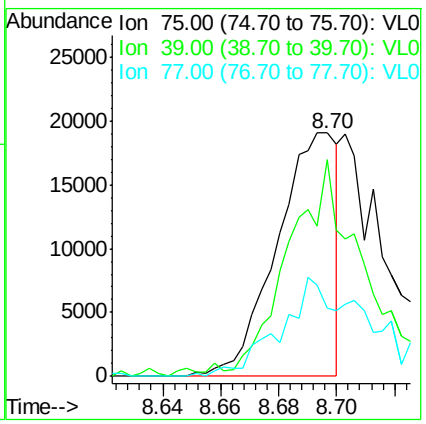


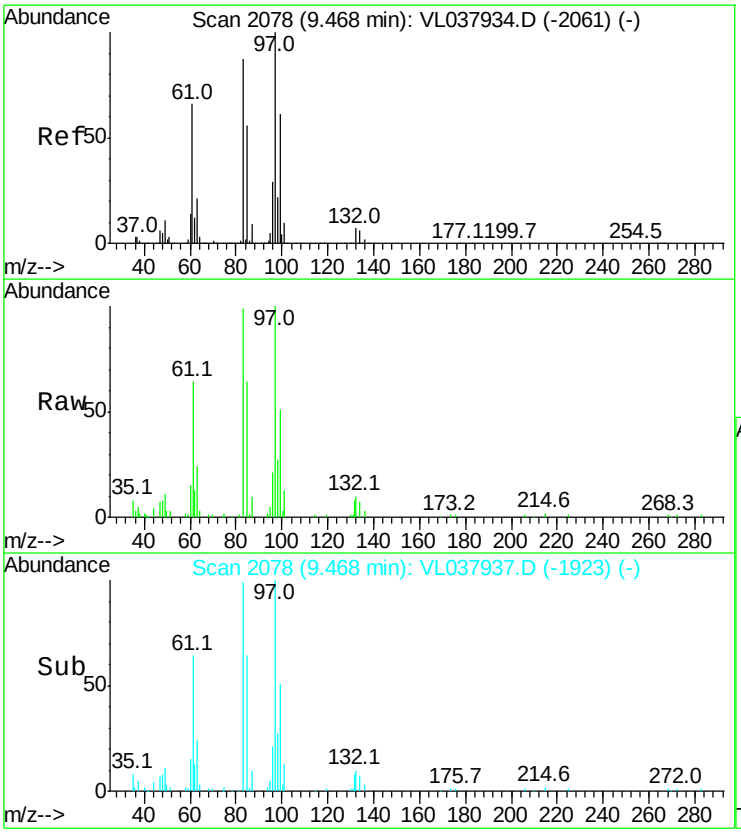
#46
cis-1,3-Dichloropropene
Concen: 0.224 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 27366

Ion	Ratio	Lower	Upper
75	100		
39	85.6	48.8	73.2#
77	28.0	24.6	36.8

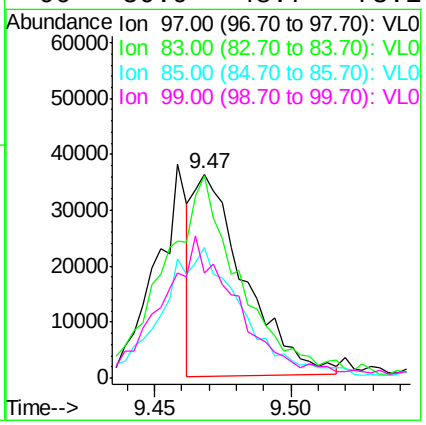


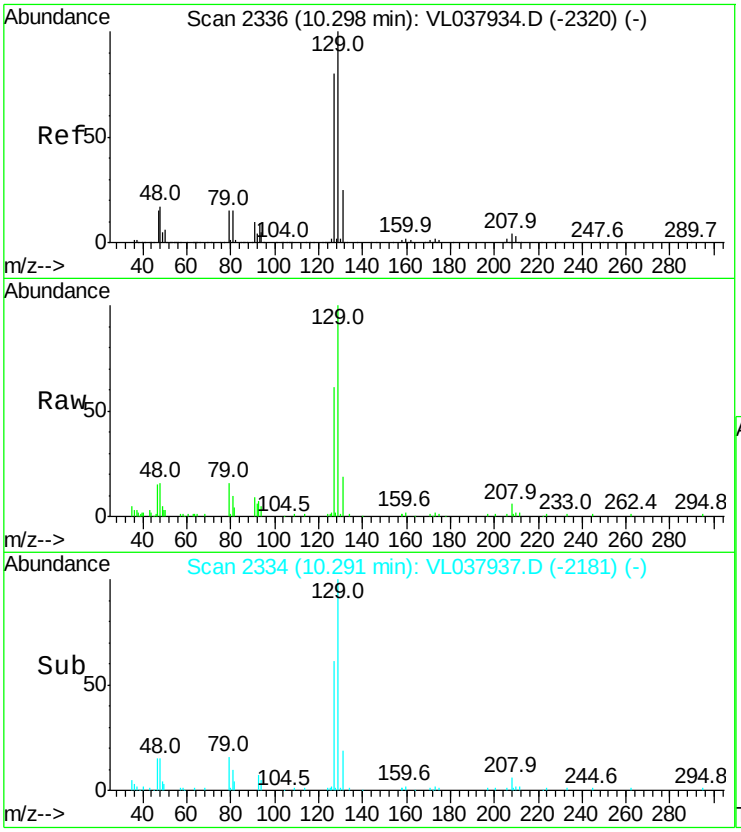


#47
1,1,2-Trichloroethane
Concen: 0.293 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 97 Resp: 46854

Ion	Ratio	Lower	Upper
97	100		
83	95.0	69.4	104.2
85	62.2	45.0	67.6
99	50.9	48.7	73.1



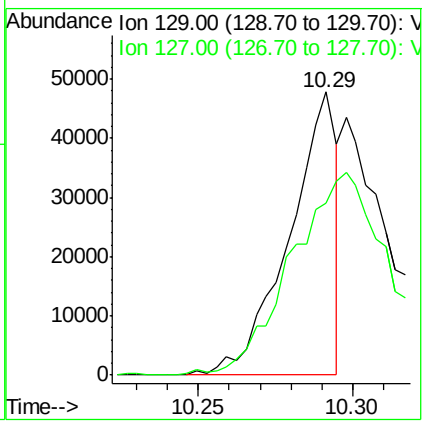


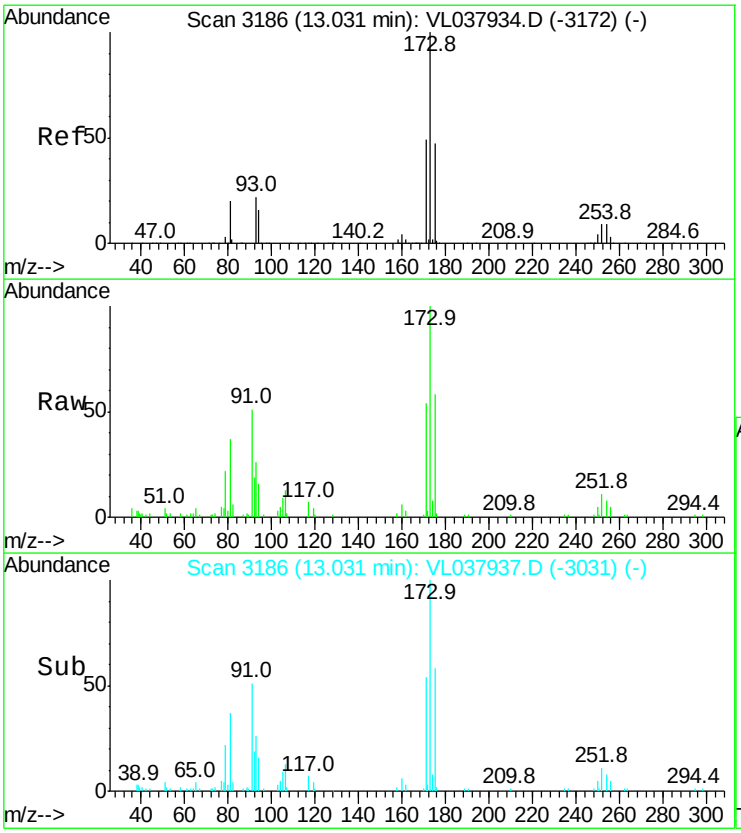
#48
Dibromochloromethane
Concen: 0.223 ppbv
RT: 10.29
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 51007

Ion	Ratio	Lower	Upper
129	100		
127	0.0	40.3	120.9#

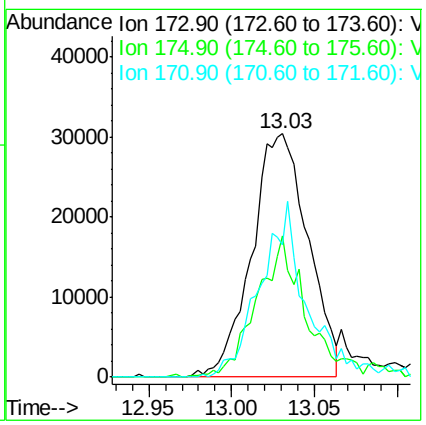


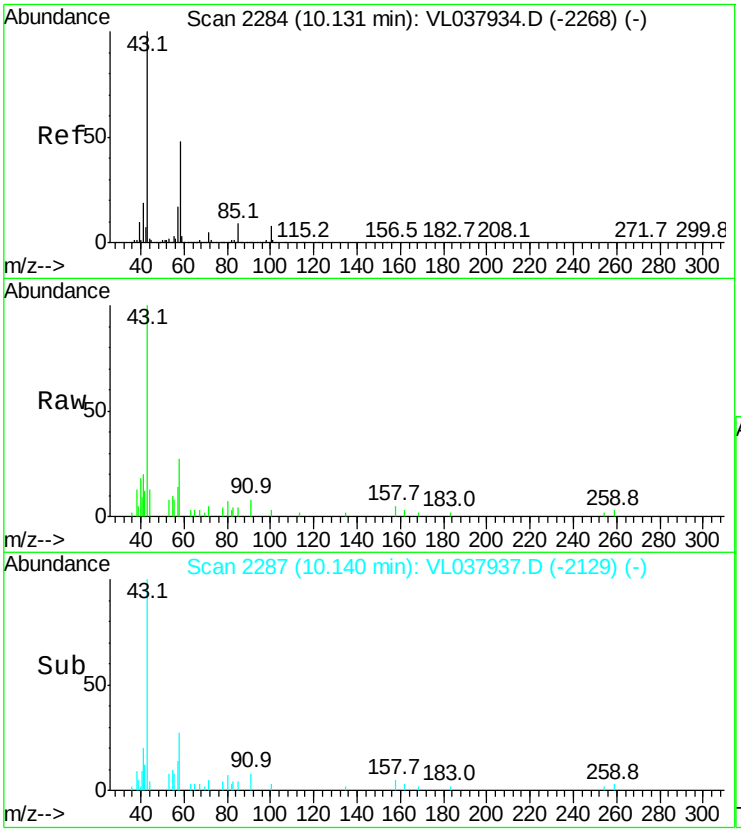


#49
Bromoform
Concen: 0.411 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:173 Resp: 71819

Ion	Ratio	Lower	Upper
173	100		
175	52.6	39.5	59.3
171	58.5	43.6	65.4



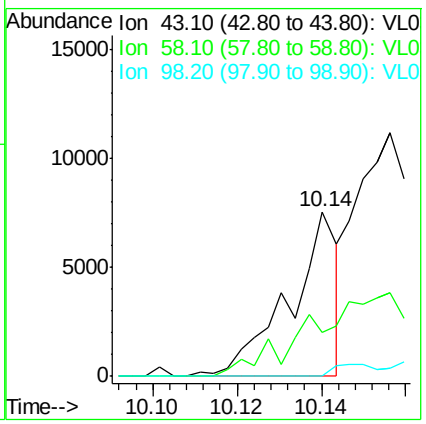


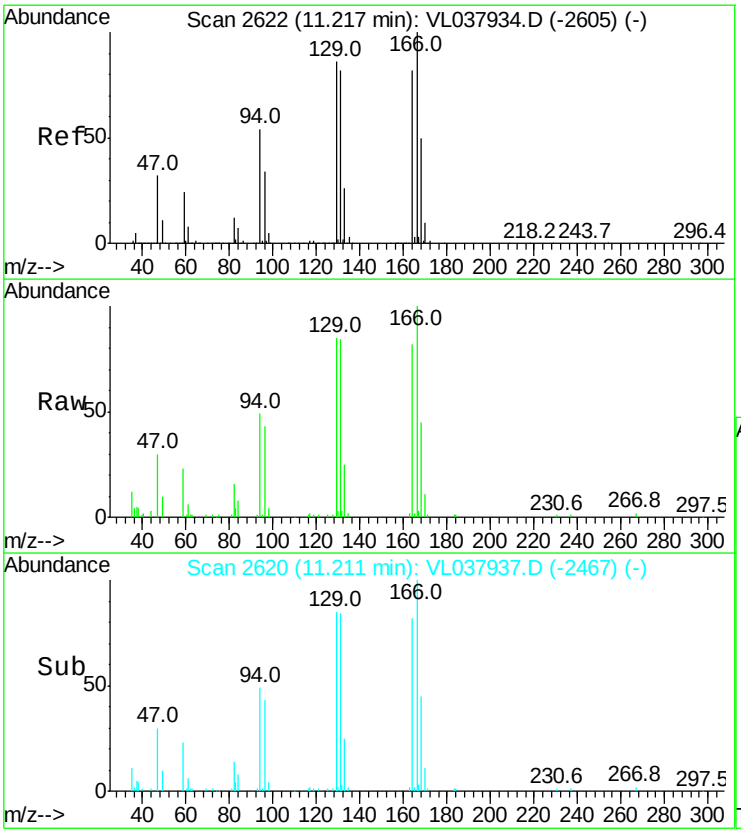
#51
2-Hexanone
Concen: 0.056 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 5987

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	57.8#
98	0.0	1.0	1.4#

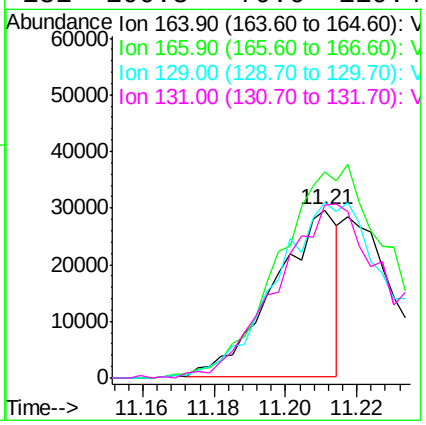


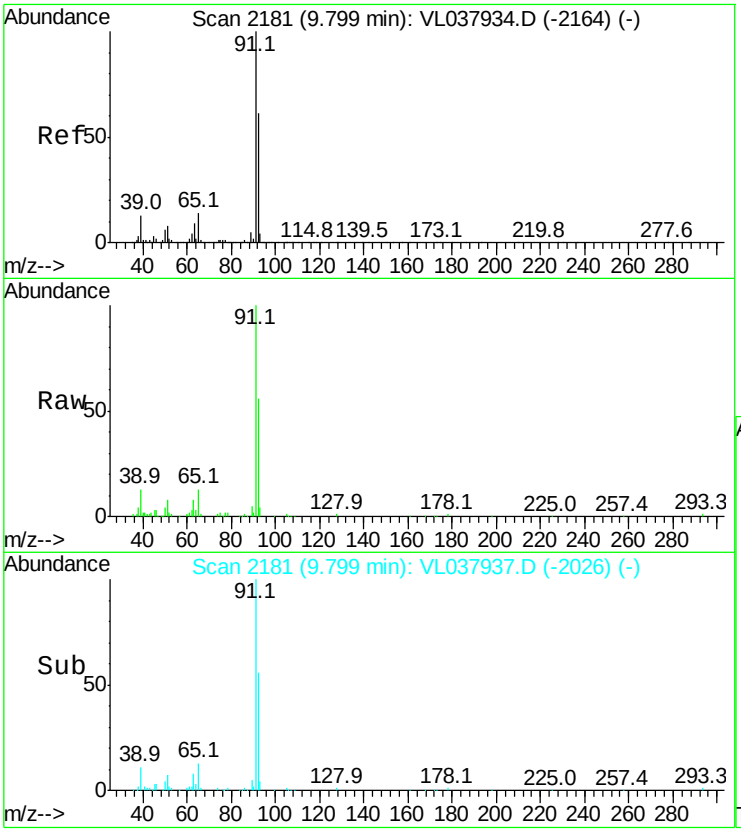


#52
Tetrachloroethene
Concen: 0.236 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:164 Resp: 35932

Ion	Ratio	Lower	Upper
164	100		
166	121.7	97.6	146.4
129	103.7	84.2	126.2
131	100.3	79.6	119.4



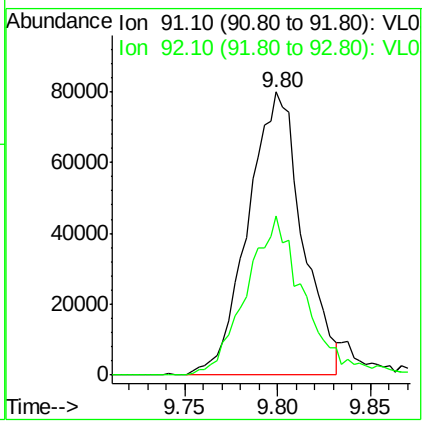


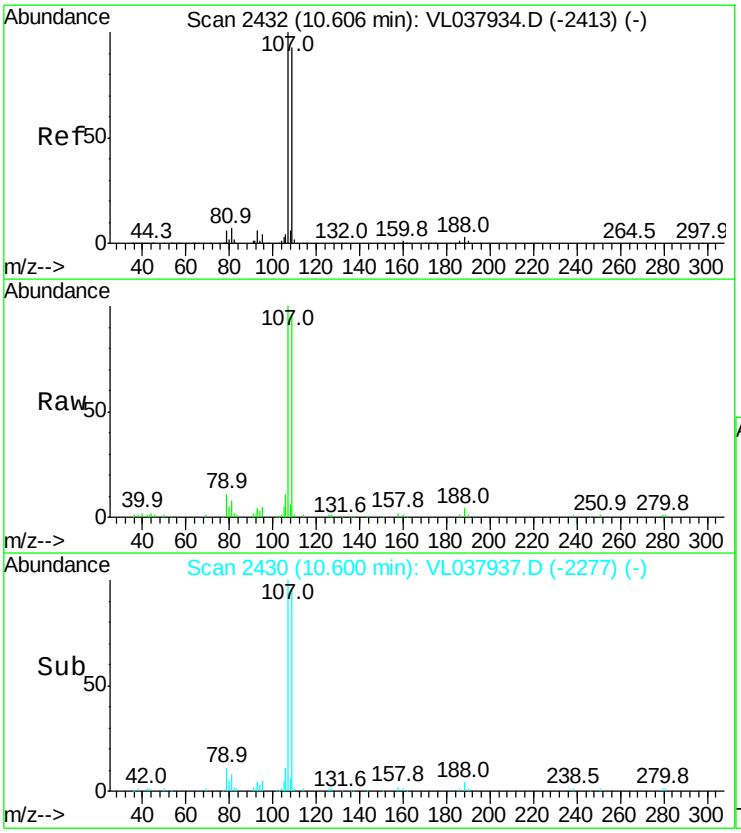
#53
Toluene
Concen: 0.375 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 162832

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.2	72.4

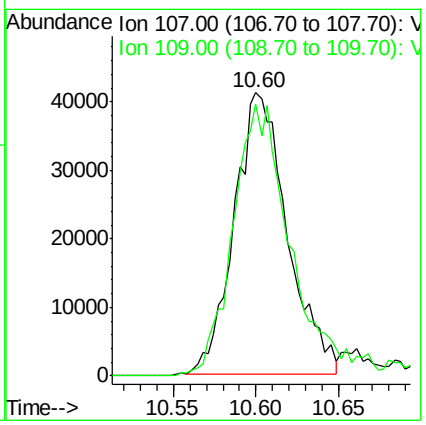


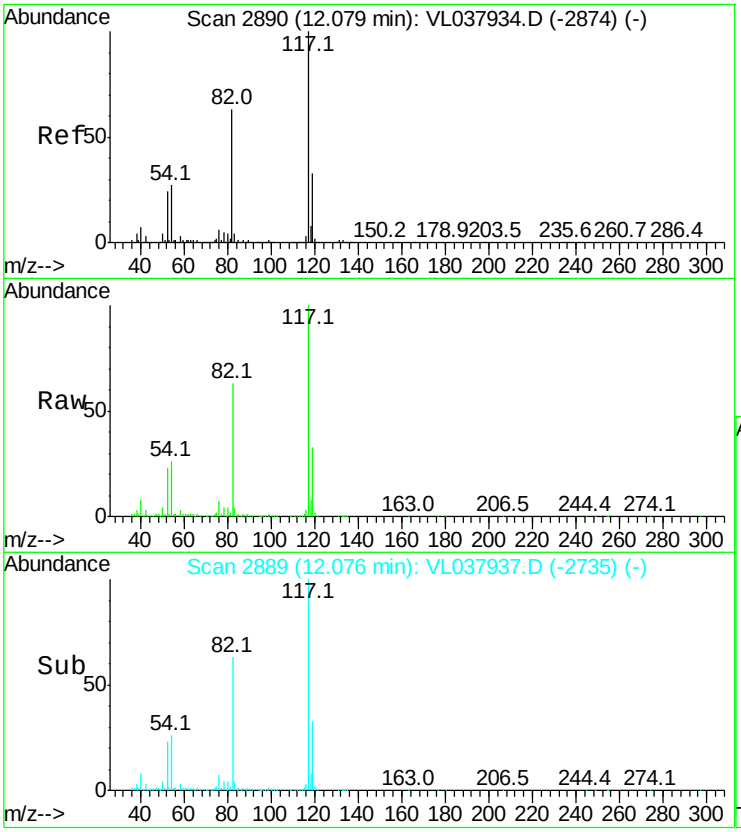


#54
1,2-Dibromoethane
Concen: 0.425 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:107 Resp: 91853

Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.5	111.7



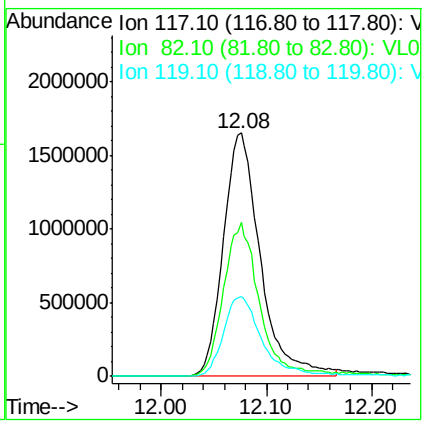


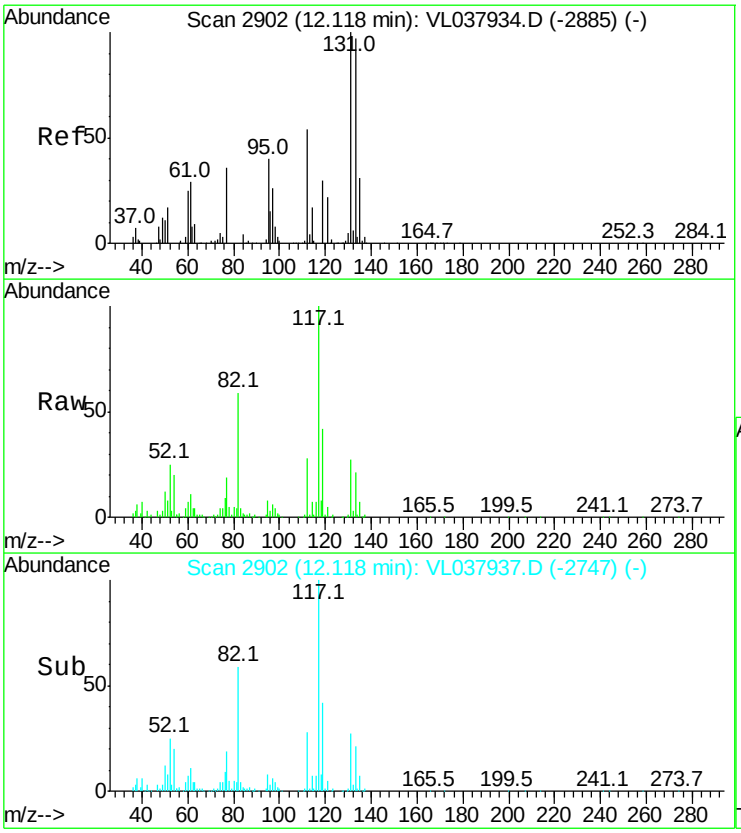
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 4010442

Ion	Ratio	Lower	Upper
117	100		
82	62.6	51.0	76.6
119	35.3	26.9	40.3

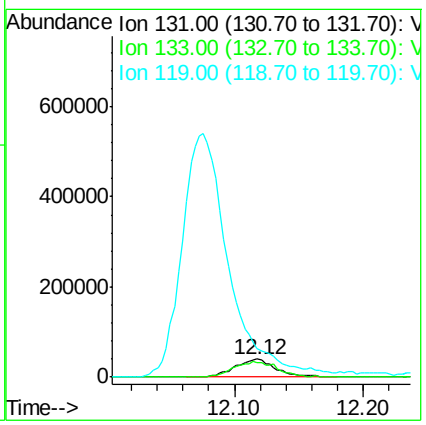


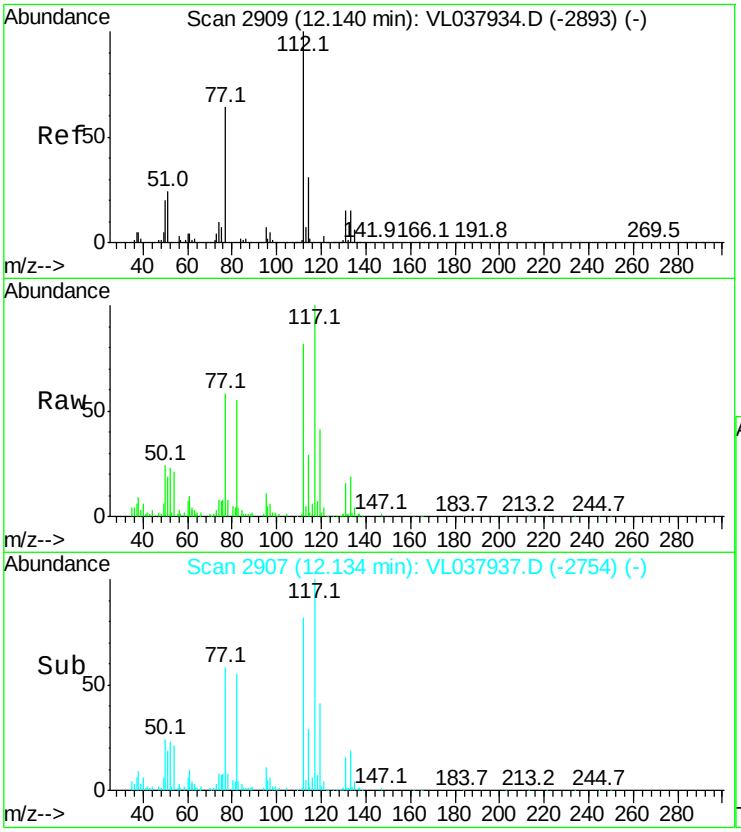


#56
1,1,1,2-Tetrachloroethane
Concen: 0.534 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:131 Resp: 88583

Ion	Ratio	Lower	Upper
131	100		
133	93.1	79.6	119.4
119	1598.3	125.4	188.2#



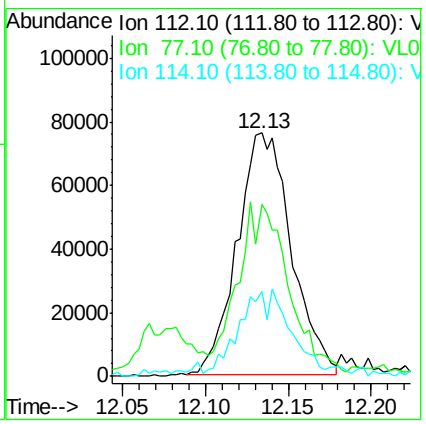


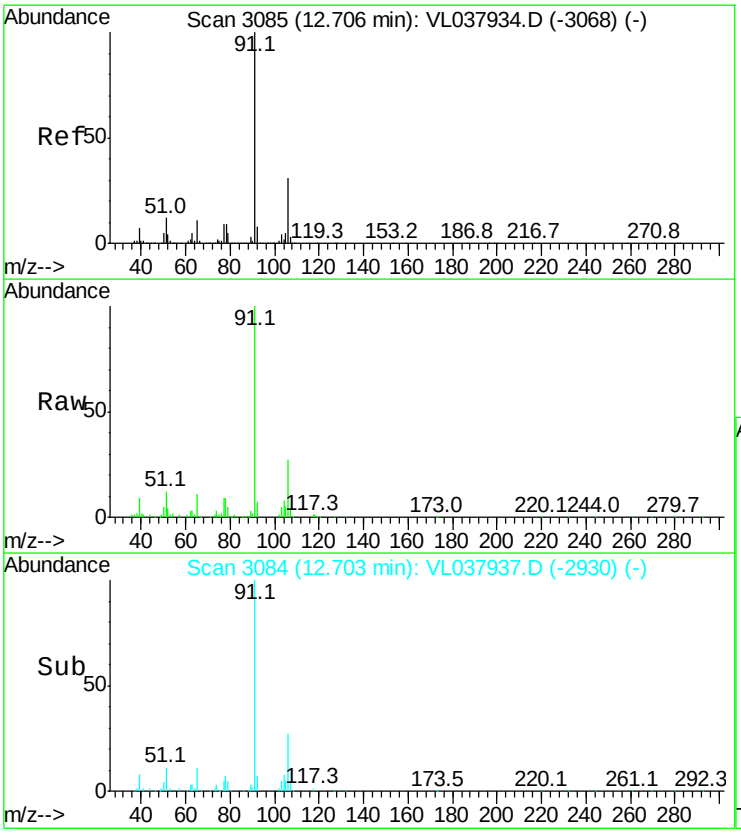
#57
Chlorobenzene
Concen: 0.528 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 173847

Ion	Ratio	Lower	Upper
112	100		
77	65.3	51.1	76.7
114	33.3	27.9	34.1

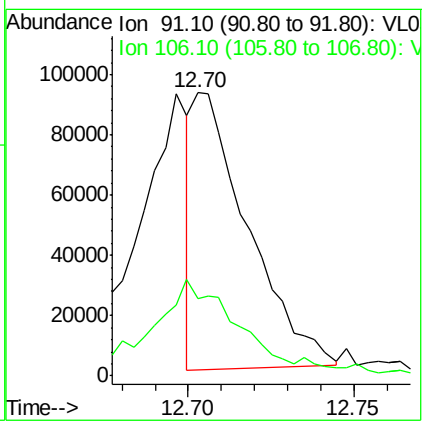


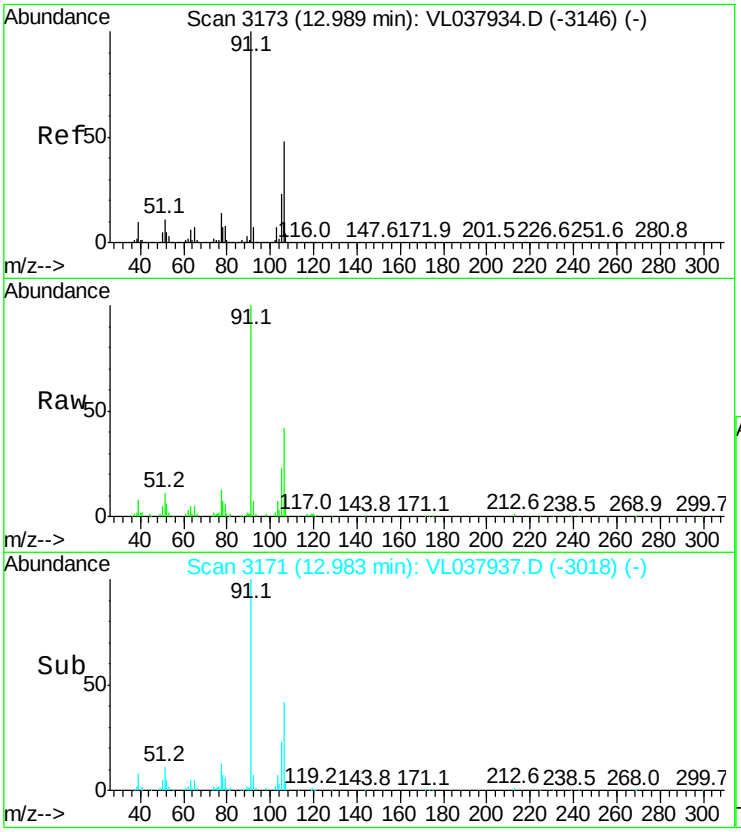


#58
Ethyl Benzene
Concen: 0.194 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 104664

Ion	Ratio	Lower	Upper
91	100		
106	25.6	25.1	37.7



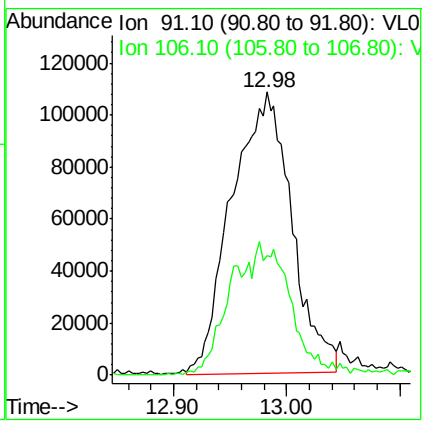


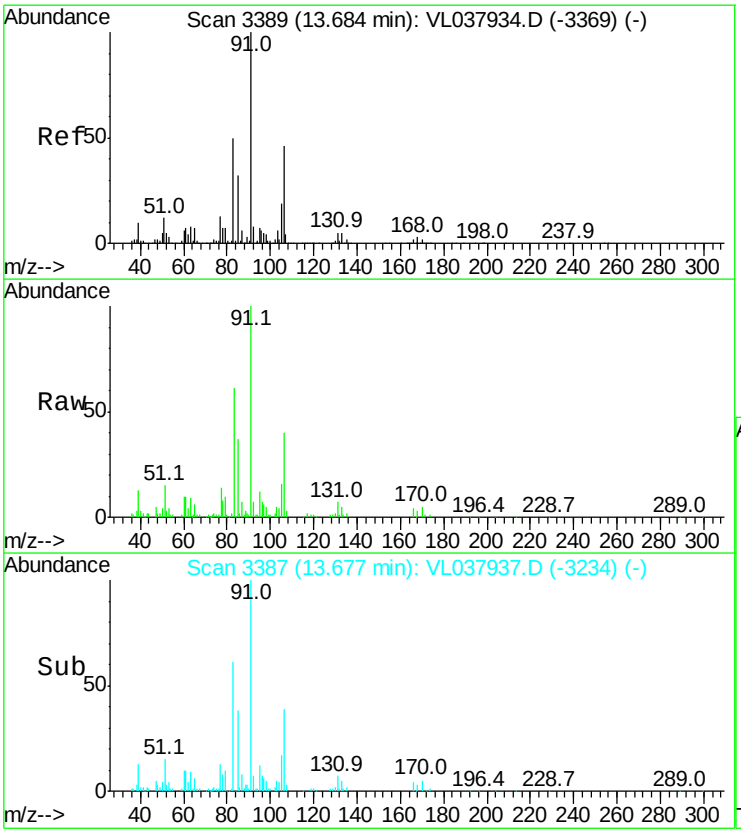
#59
m/p-Xylene
Concen: 0.859 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 397010

Ion	Ratio	Lower	Upper
91	100		
106	48.6	37.1	55.7

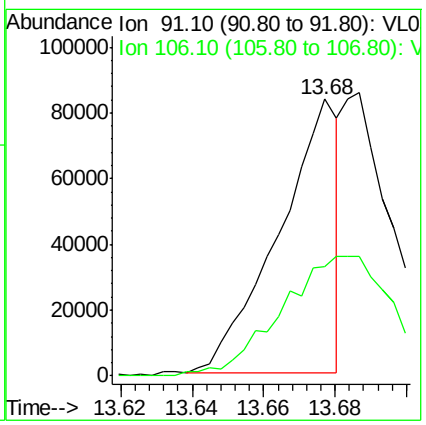


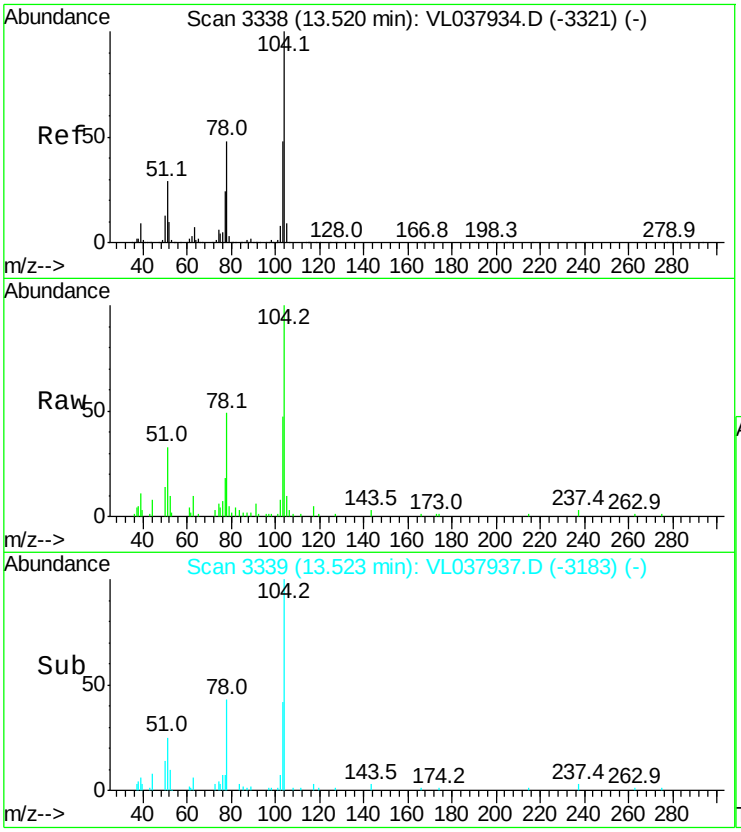


#60
o-Xylene
Concen: 0.217 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 96338

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	70.6#



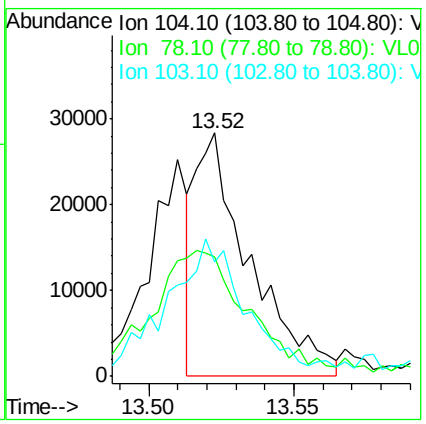


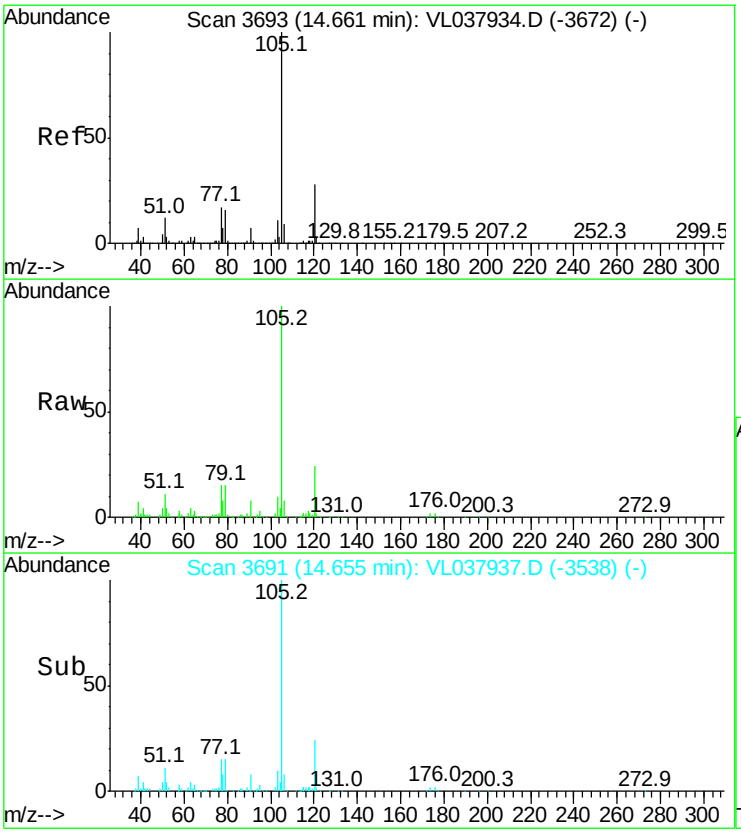
#61
Styrene
Concen: 0.172 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 36951

Ion	Ratio	Lower	Upper
104	100		
78	101.2	39.3	58.9#
103	87.1	39.6	59.4#

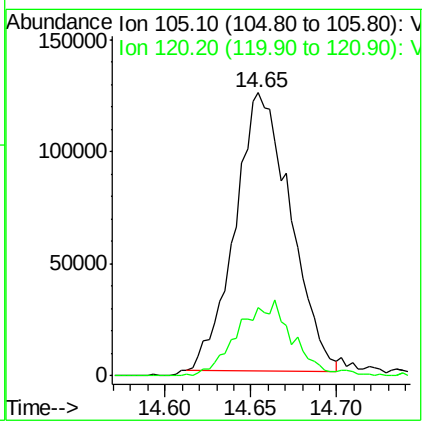


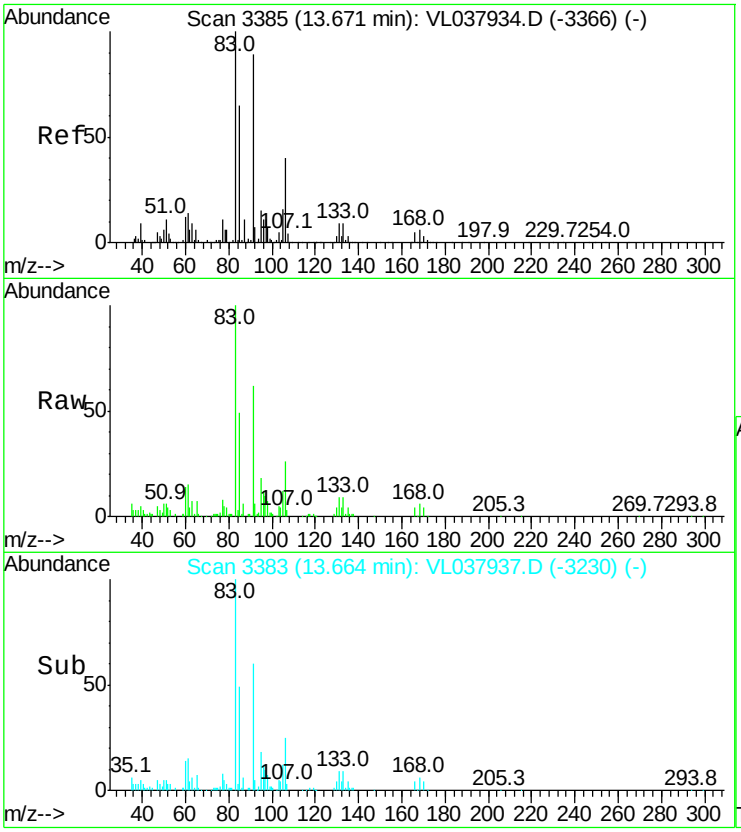


#62
Isopropylbenzene
Concen: 0.450 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:105 Resp: 278333

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.8	32.6



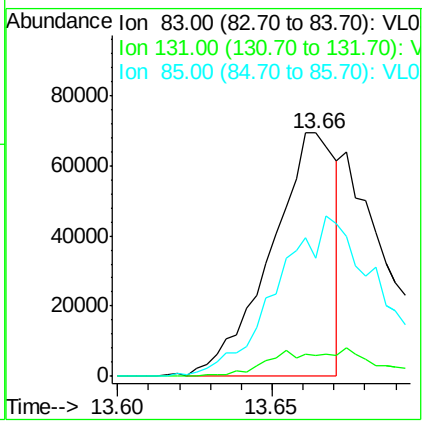


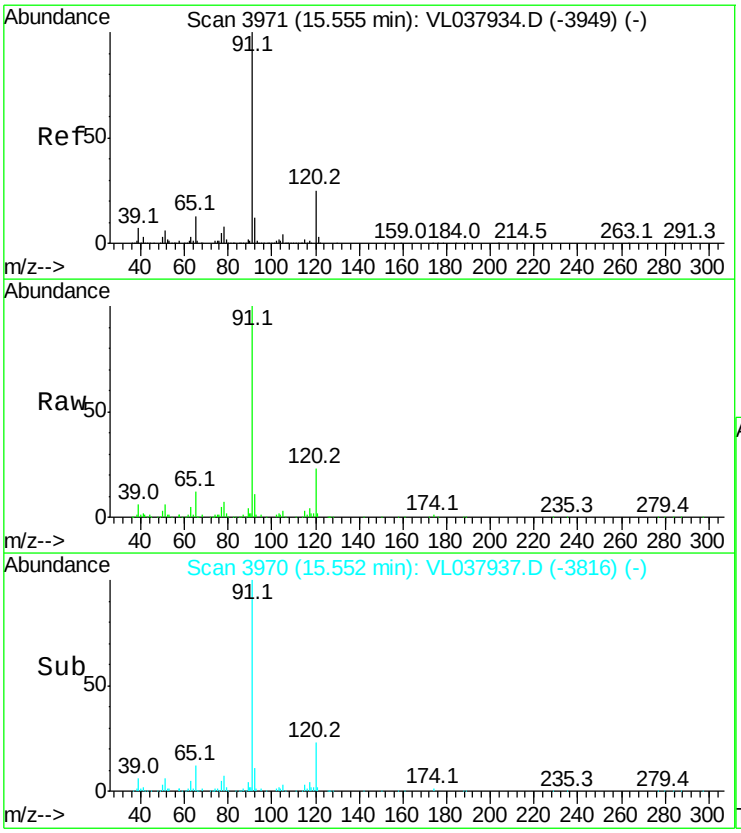
#63
1,1,2,2-Tetrachloroethane
Concen: 0.293 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 100252

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	116.0	32.5	97.5#

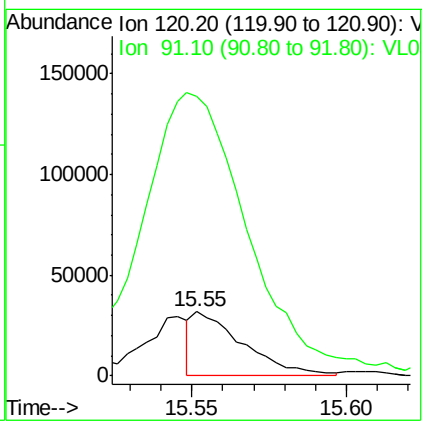


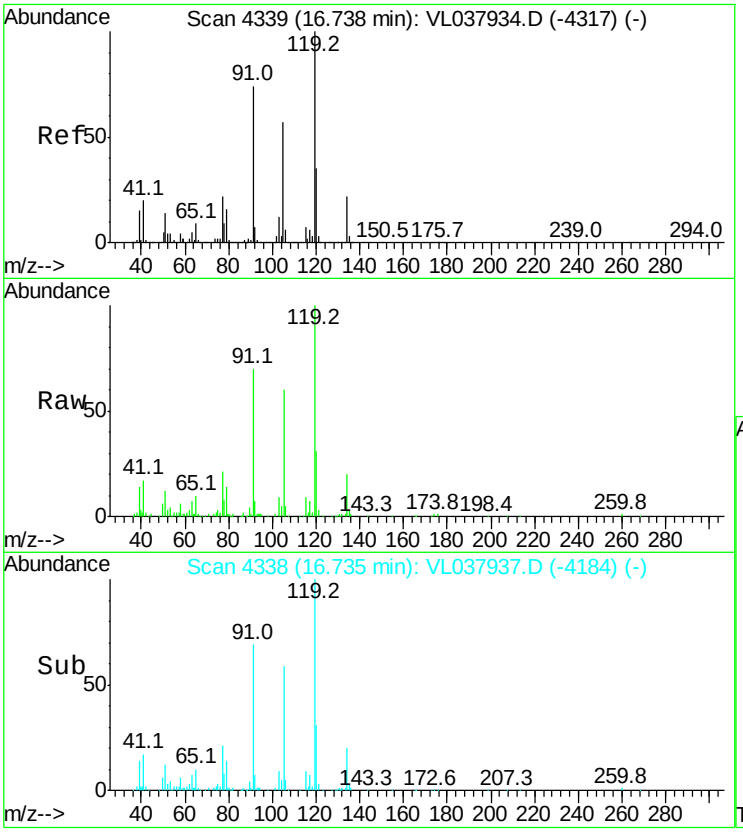


#64
n-propylbenzene
Concen: 0.229 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:120 Resp: 35319

Ion	Ratio	Lower	Upper
120	100		
91	972.8	363.3	544.9#



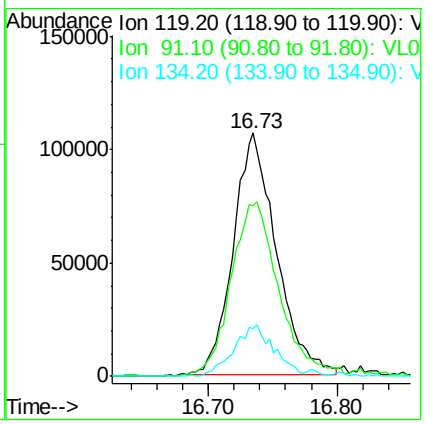


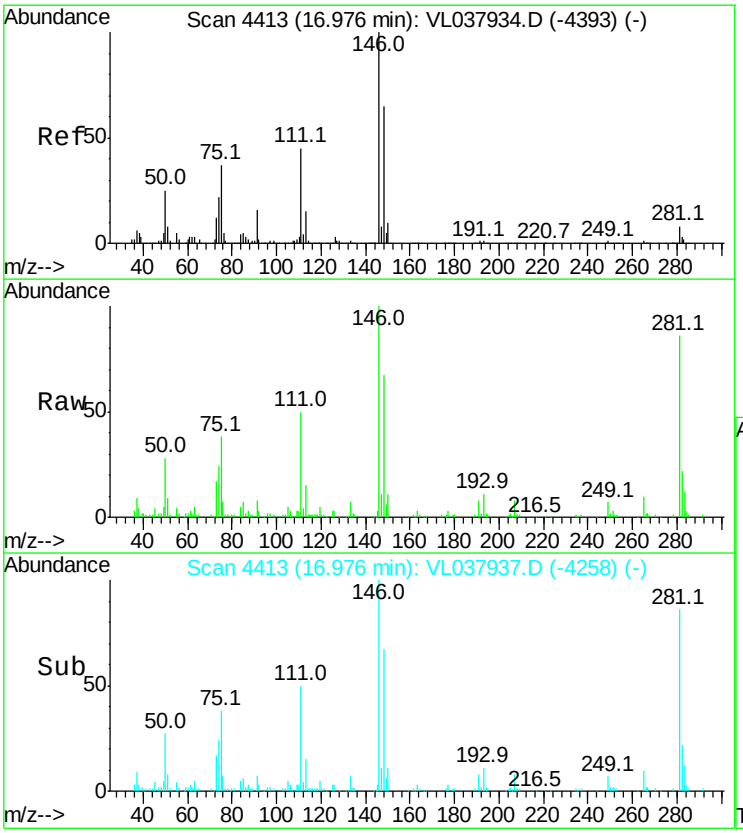
#65
tert-Butylbenzene
Concen: 0.457 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 248664

Ion	Ratio	Lower	Upper
119	100		
91	82.6	61.8	92.6
134	21.1	16.6	25.0

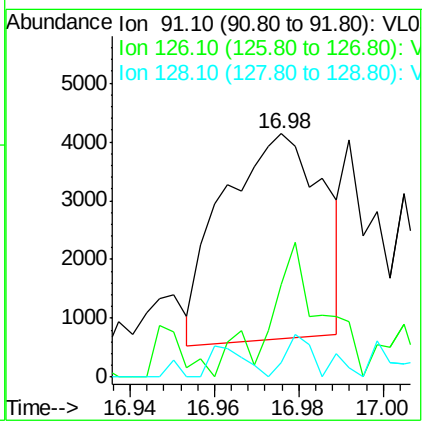


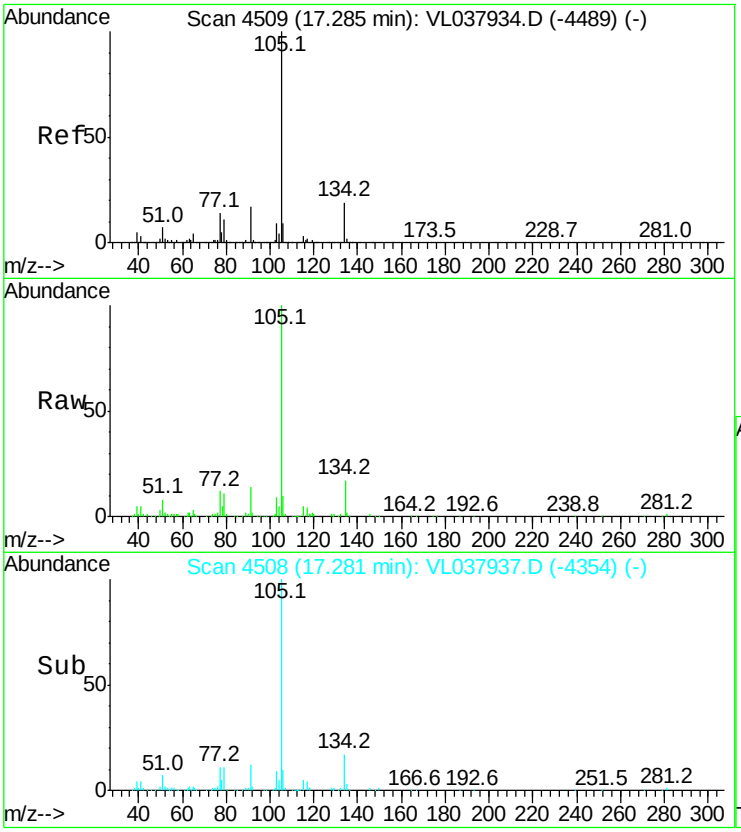


#66
Benzyl Chloride
Concen: 0.215 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 5768

Ion	Ratio	Lower	Upper
91	100		
126	59.4	13.8	20.6#
128	7.0	5.1	7.7



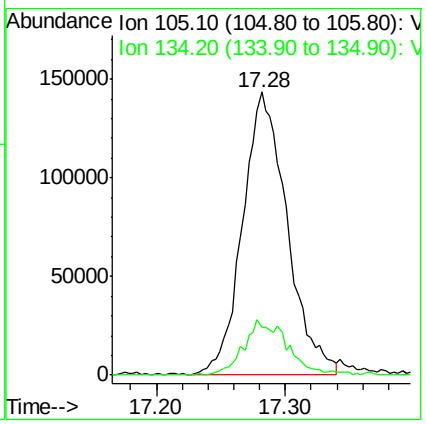


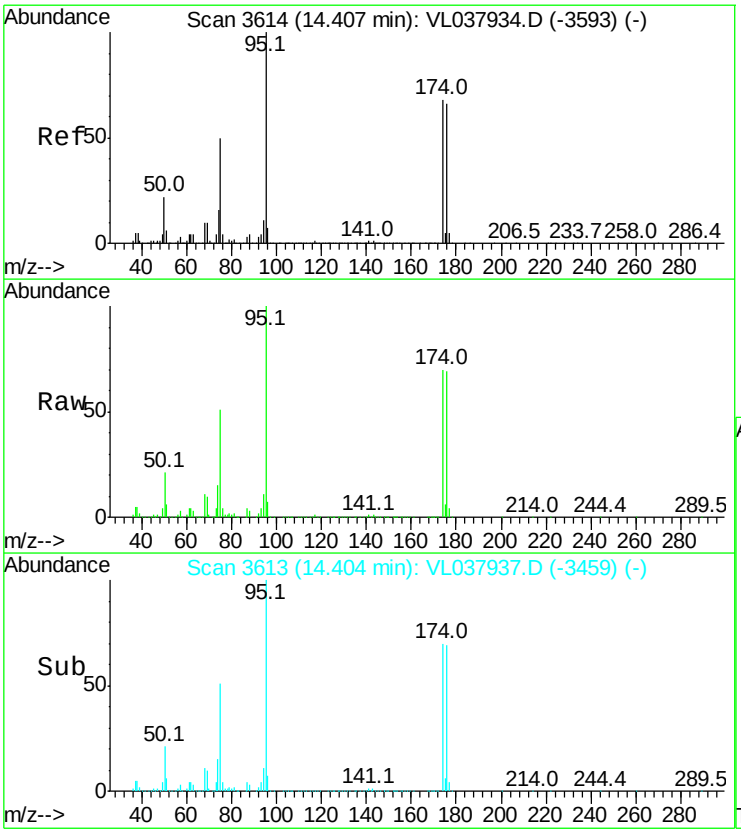
#67
sec-Butylbenzene
Concen: 0.462 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 343870

Ion	Ratio	Lower	Upper
105	100		
134	19.4	15.4	23.0

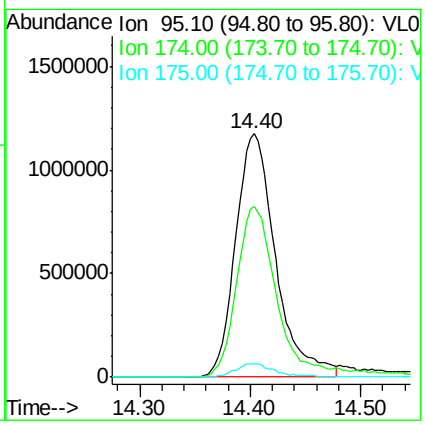


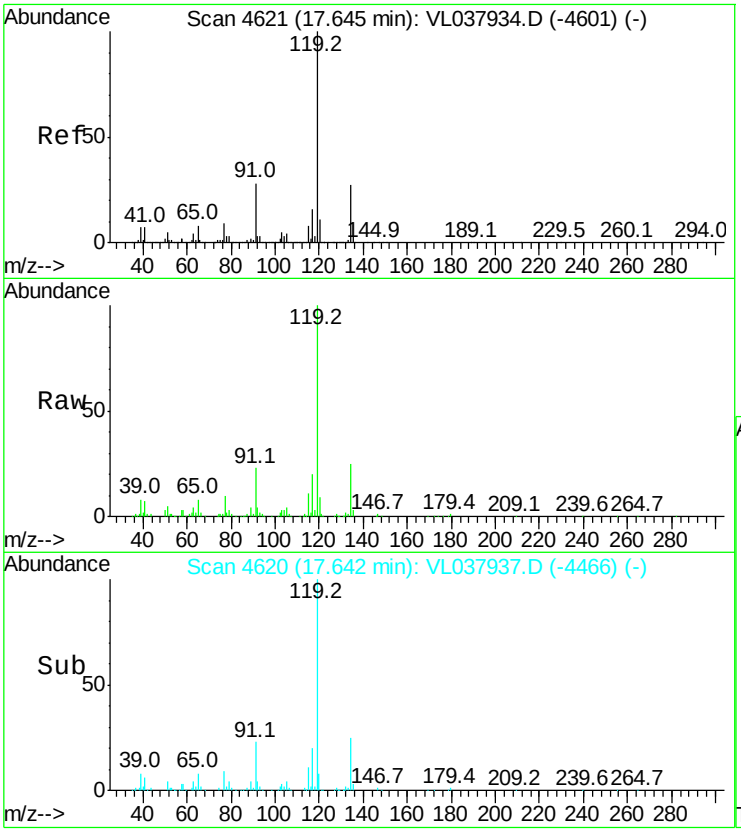


#68
1-Bromo-4-Fluorobenzene
Concen: 10.547 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 95 Resp: 2957792

Ion	Ratio	Lower	Upper
95	100		
174	74.2	58.3	87.5
175	5.6	4.6	6.8



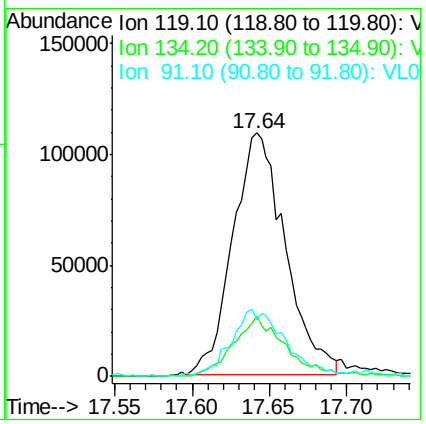


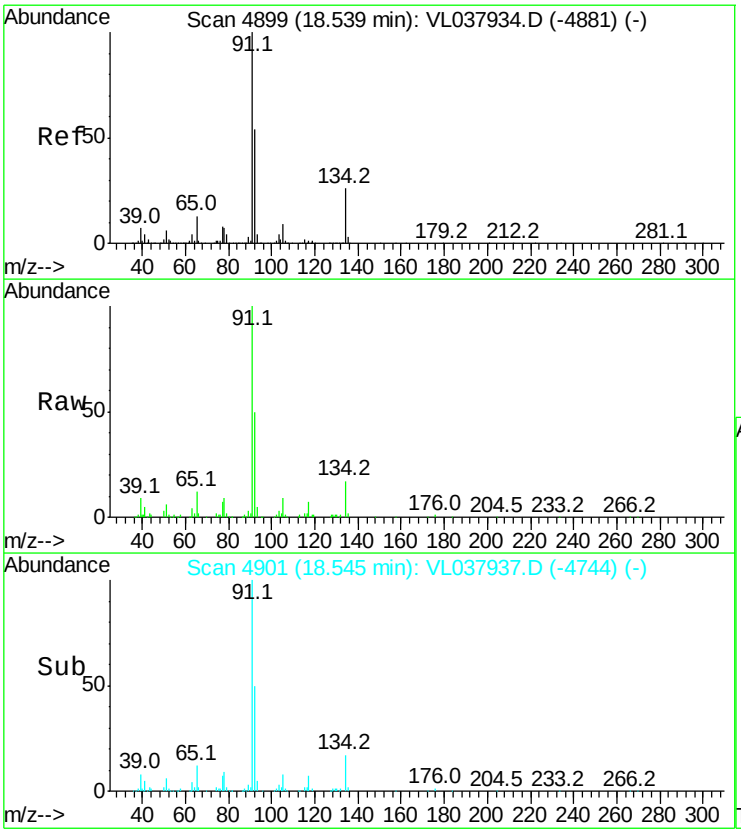
#69
p-Isopropyltoluene
Concen: 0.426 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 256128

Ion	Ratio	Lower	Upper
119	100		
134	25.2	21.0	31.4
91	29.4	21.8	32.8

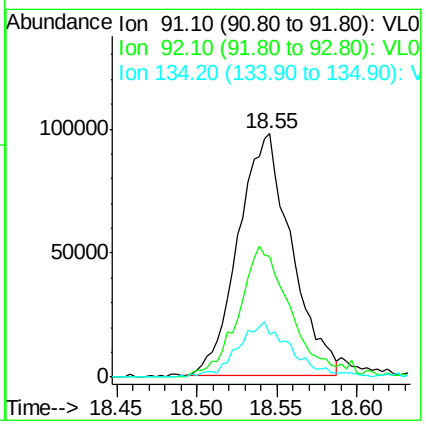


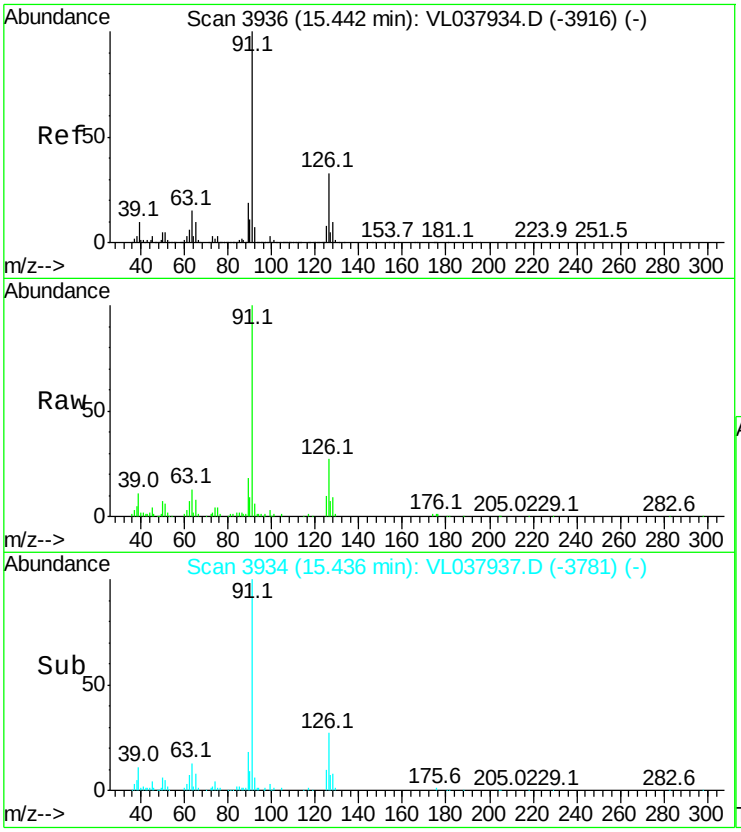


#70
n-Butylbenzene
Concen: 0.390 ppbv
RT: 18.55 min Scan# 4901
Delta R.T. 0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 222770

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.6	65.4
134	23.6	19.8	29.6



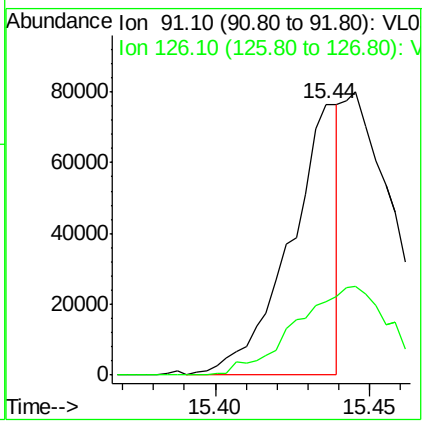


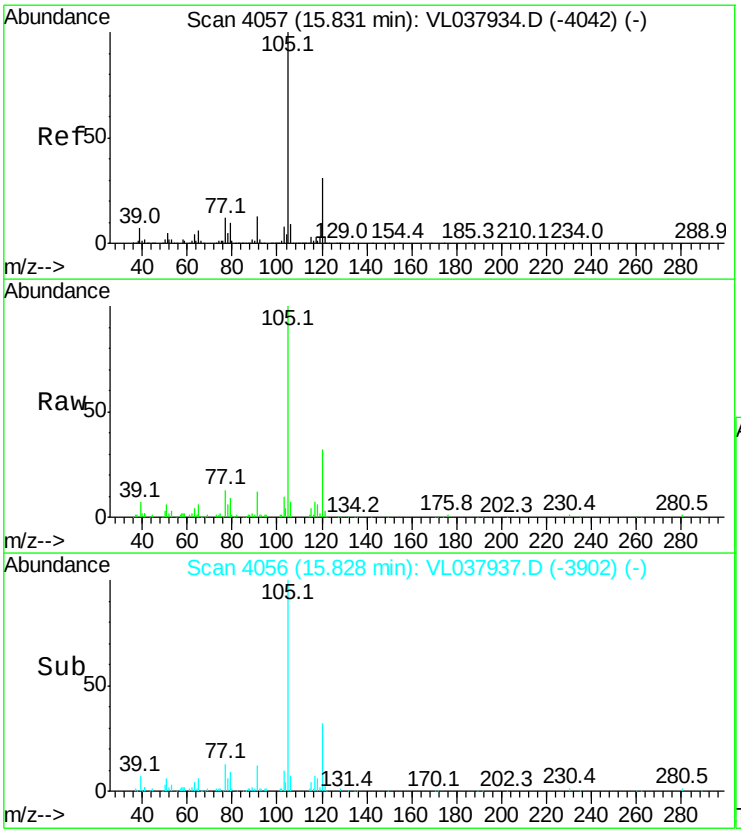
#71
2-Chlorotoluene
Concen: 0.191 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 83359

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	53.3#

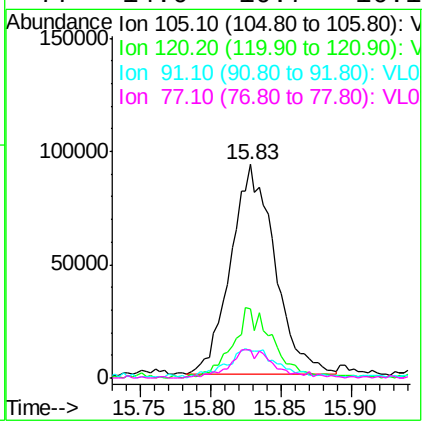


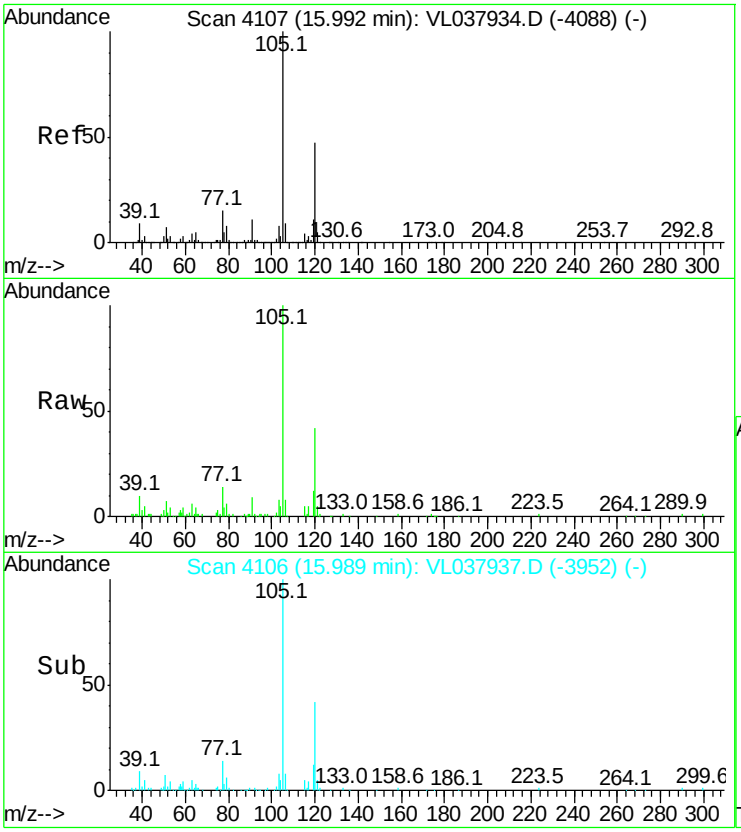


#72
4-Ethyltoluene
Concen: 0.403 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:105 Resp: 202639

Ion	Ratio	Lower	Upper
105	100		
120	30.6	25.3	37.9
91	15.0	9.9	14.9#
77	14.0	10.7	16.1



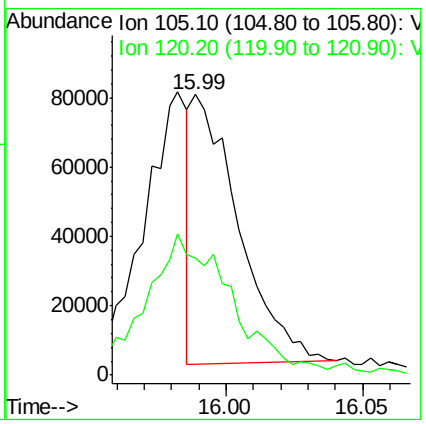


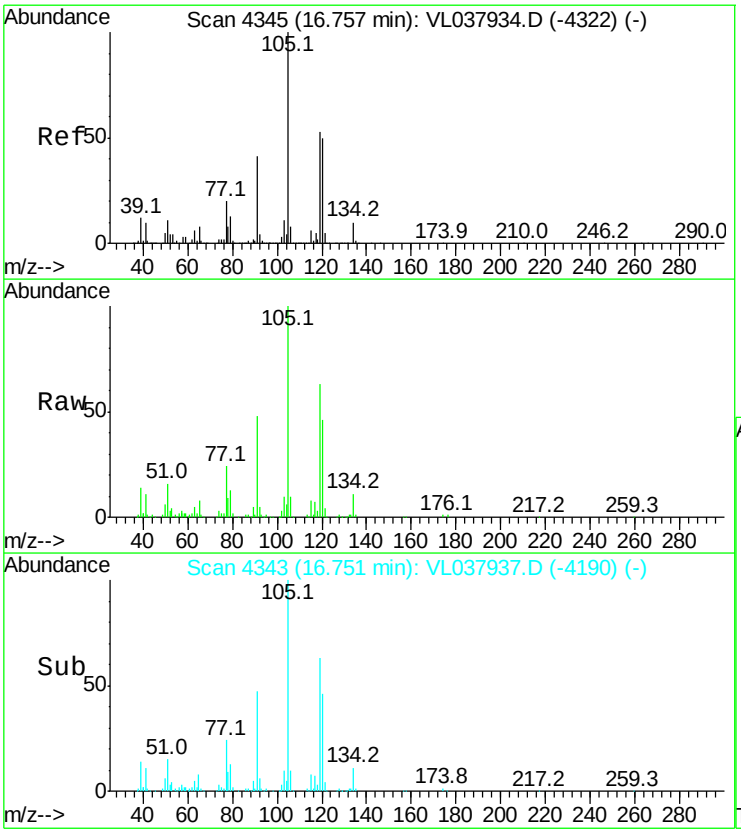
#73
1,3,5-Trimethylbenzene
Concen: 0.199 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 90729

Ion	Ratio	Lower	Upper
105	100		
120	40.1	37.9	56.9

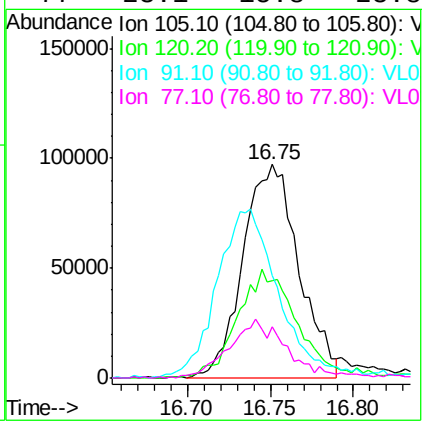


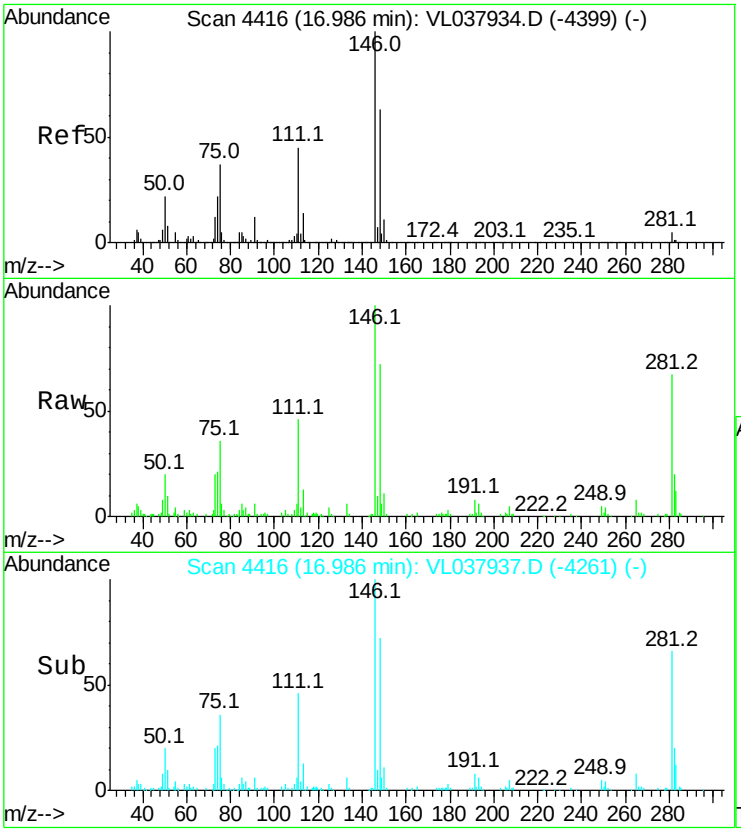


#74
1,2,4-Trimethylbenzene
Concen: 0.474 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.01 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:105 Resp: 227481

Ion	Ratio	Lower	Upper
105	100		
120	44.5	40.0	60.0
91	42.9	32.6	49.0
77	23.1	15.8	23.8



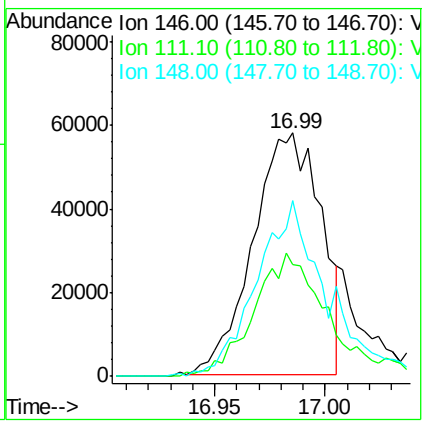


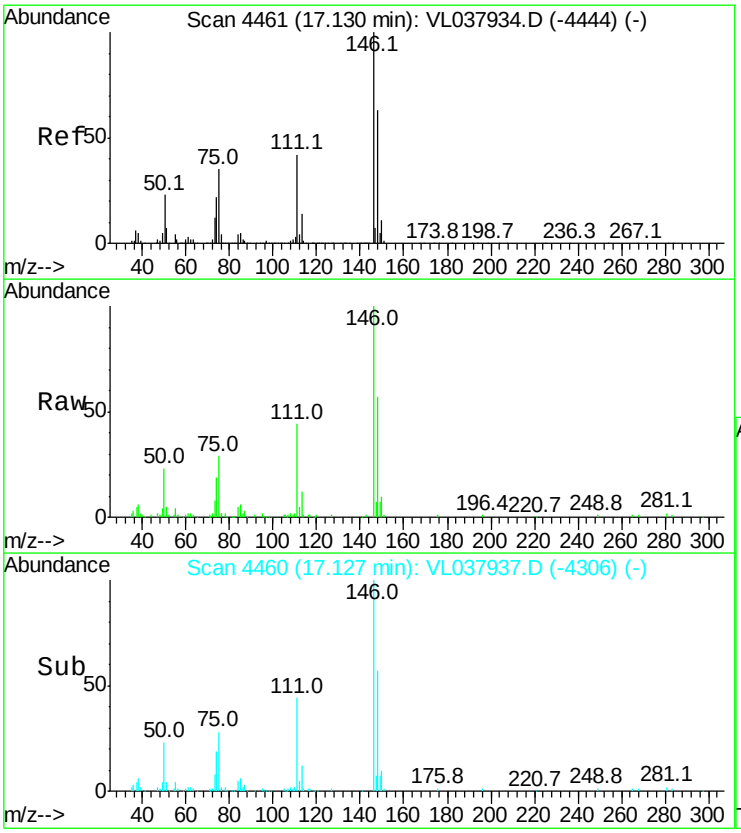
#75
1,3-Dichlorobenzene
Concen: 0.415 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 123463

Ion	Ratio	Lower	Upper
146	100		
111	57.6	22.7	68.1
148	77.6	32.4	97.0





#76
1,4-Dichlorobenzene
Concen: 0.297 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.00 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:146 Resp: 84331

Ion	Ratio	Lower	Upper
146	100		
111	72.6	22.7	68.1#
148	114.3	33.5	100.4#