Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032025.D
Acq On : 1 Jun 2018 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Jun 02 02:01:22 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1377436	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.41	114	2587349	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	3230317	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.71	95	1992787	7.99	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.15	85	1219424	7.36	ppbv	100
3) Chlorodifluoromethane	3.08	51	1189160	9.18	ppbv	99
4) Chloromethane	3.24	50	620626	9.44	ppbv	100
5) Vinyl Chloride	3.36	62	651139	8.92	ppbv	99
6) Bromomethane	3.59	94	464818	9.26	ppbv	96
7) Chloroethane	3.68	64	272733	8.78	ppbv	93
8) Dichlorotetrafluoroethane	3.29	85	1610966	8.92	ppbv	99
9) Propene	3.10	41	444379	10.50	ppbv	96
10) Heptane	8.37	43	1536216	10.24	ppbv	98
11) Trichlorofluoromethane	4.09	101	1925425	7.55	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.65	101	1549378	8.86	ppbv	100
13) Ethanol	3.73	45	135354	8.18	ppbv	99
14) Bromoethene	3.87	108	527451	8.58	ppbv	100
15) Acetone	3.98	43	1317703	7.93	ppbv	100
16) 1,3-Butadiene	3.44	39	578538	9.54	ppbv	90
17) tert-Butyl alcohol	4.44	59	820925	10.30	ppbv	100
18) 1,1-Dichloroethene	4.44	96	712283	9.37	ppbv	94
19) Isopropyl Alcohol	4.11	45	1078359	9.81	ppbv	99
20) Methylene Chloride	4.50	84	657293	8.71	ppbv	98
21) Allyl Chloride	4.57	41	1134786	9.69	ppbv	100
22) trans-1,2-Dichloroethene	5.06	96	779684	9.53	ppbv	95
23) Vinyl Acetate	5.25	43	2315211	10.30	ppbv	98
24) 1,1-Dichloroethane	5.19	63	2060862	9.42	ppbv	99
25) Ethyl Acetate	5.87	43	3176511	9.66	ppbv	100
26) Hexane	5.88	57	1481828	9.69	ppbv	98
27) Carbon Disulfide	4.71	76	1968634	9.83	ppbv	99
28) Methyl tert-Butyl Ether	5.21	73	2027289	10.71	ppbv	99
29) Chloroform	5.96	83	2356985	9.14	ppbv	100
30) Cyclohexane	7.36	84	959068	10.62	ppbv	97
31) cis-1,2-Dichloroethene	5.75	61	1416057	10.29	ppbv	95
32) 1,1,1-Trichloroethane	6.73	97	1982645	9.43	ppbv	99
34) 2-Butanone	5.43	43	2124168	10.44	ppbv	99
35) Carbon Tetrachloride	7.25	117	2047157	9.27	ppbv	98
36) Benzene	7.12	78	2408668	10.60	ppbv	98
37) 1,2-Dichloroethane	6.52	62	1665228	10.15	ppbv	100
38) Trichloroethene	8.08	130	975906	11.19	ppbv	98
39) 1,2-Dichloropropane	7.86	63	851211	10.15	ppbv	97
40) 1,4-Dioxane	8.07	88	345299	9.58	ppbv	86
41) Tetrahydrofuran	6.26	42	875357	10.02	ppbv	99
42) Bromodichloromethane	8.04	83	2024360	9.88	ppbv	99
43) Methyl Methacrylate	8.25	69	884405	11.17	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032025.D
Acq On : 1 Jun 2018 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Jun 02 02:01:22 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.11	57	3953049	10.15	ppbv		99
45) t-1,3-Dichloropropene	9.54	75	1315546	12.29	ppbv		100
46) cis-1,3-Dichloropropene	8.96	75	1580010	11.62	ppbv		99
47) 1,1,2-Trichloroethane	9.74	97	1020491	9.86	ppbv		98
48) Dibromochloromethane	10.58	129	1755741	10.24	ppbv		100
49) Bromoform	13.33	173	1377654	10.24	ppbv		99
50) 4-Methyl-2-Pentanone	8.99	43	2081996	10.53	ppbv		100
51) 2-Hexanone	10.40	43	2004801	11.29	ppbv		99
52) Tetrachloroethene	11.50	164	929018	10.29	ppbv		98
53) Toluene	10.07	91	2841872	11.17	ppbv		100
54) 1,2-Dibromoethane	10.89	107	1564417	10.32	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.41	131	1183033	7.59	ppbv		98
57) Chlorobenzene	12.43	112	2246084	7.61	ppbv		97
58) Ethyl Benzene	12.99	91	3971682	8.75	ppbv		97
59) m/p-Xylene	13.28	91	3130905	7.86	ppbv	#	24
60) o-Xylene	13.98	91	3352598	8.40	ppbv		99
61) Styrene	13.81	104	795973	10.31	ppbv		99
62) Isopropylbenzene	14.95	105	4148157	8.14	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.97	83	2200651	7.11	ppbv		100
64) n-propylbenzene	15.85	120	1041167	8.19	ppbv		99
65) tert-Butylbenzene	17.03	119	3533237	7.94	ppbv		100
66) Benzyl Chloride	17.29	91	373276	7.55	ppbv		98
67) sec-Butylbenzene	17.58	105	5040141	7.80	ppbv		100
69) p-Isopropyltoluene	17.94	119	4114149	8.22	ppbv		99
70) n-Butylbenzene	18.84	91	4139348	8.03	ppbv		100
71) 2-Chlorotoluene	15.75	91	3093952	8.27	ppbv		99
72) 4-Ethyltoluene	16.12	105	3418876	8.61	ppbv		99
73) 1,3,5-Trimethylbenzene	16.29	105	3083156	8.41	ppbv		99
74) 1,2,4-Trimethylbenzene	17.06	105	3242985	7.85	ppbv		93
75) 1,3-Dichlorobenzene	17.30	146	2070740	7.29	ppbv		100
76) 1,4-Dichlorobenzene	17.44	146	2065238	7.64	ppbv		99
77) 1,2-Dichlorobenzene	18.12	146	1980285	7.37	ppbv		100
78) Hexachloro-1,3-Butadiene	23.66	225	706781	6.63	ppbv		98
79) Naphthalene	22.56	128	2396011	10.24	ppbv		98
80) Naphthalene,2-methyl-	25.21	142	1273129	22.06	ppbv		98
81) 1,2,4-Trichlorobenzene	22.29	180	1254541	9.14	ppbv		98

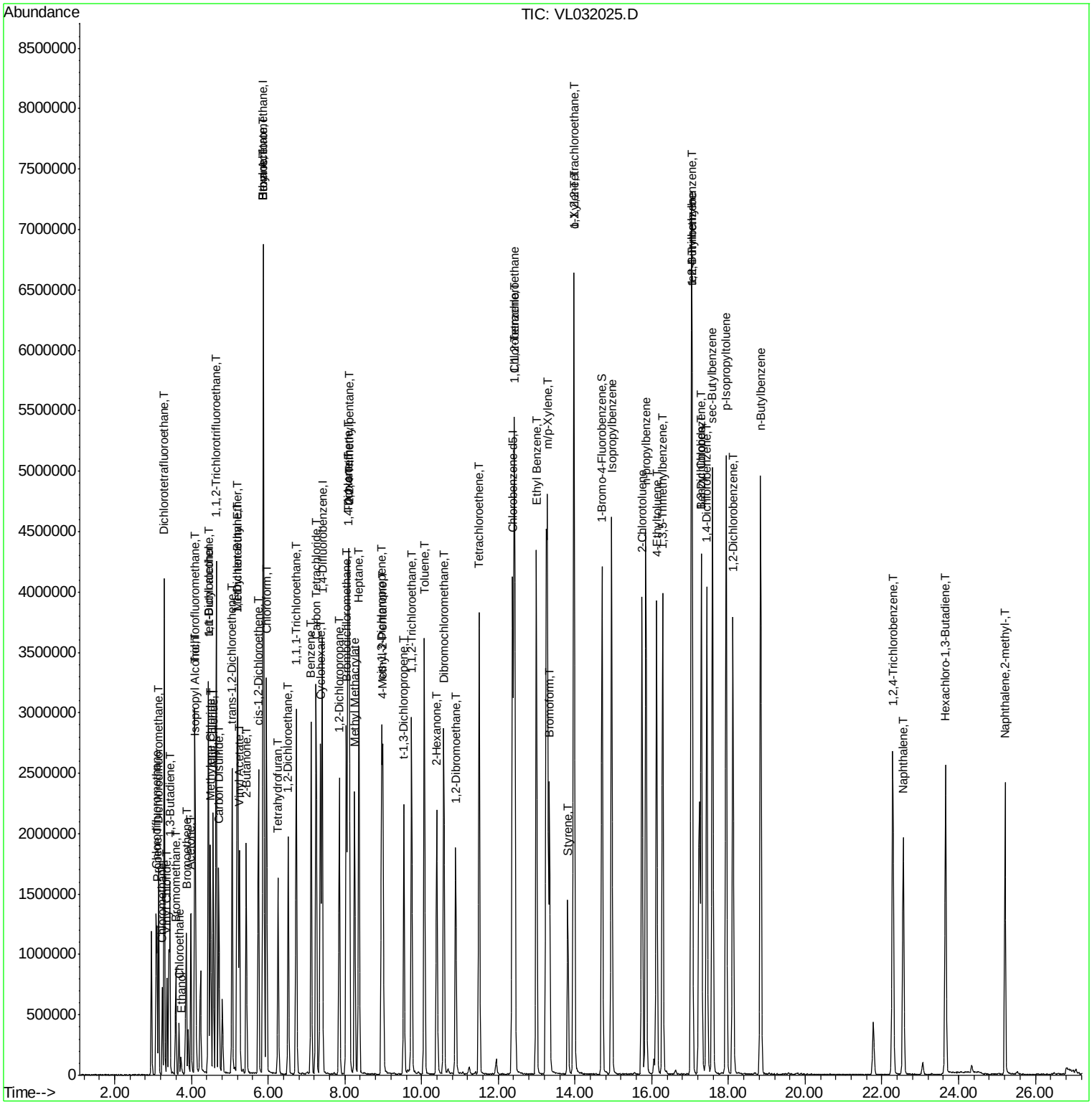
(#) = qualifier out of range (m) = manual integration (+) = signals summed

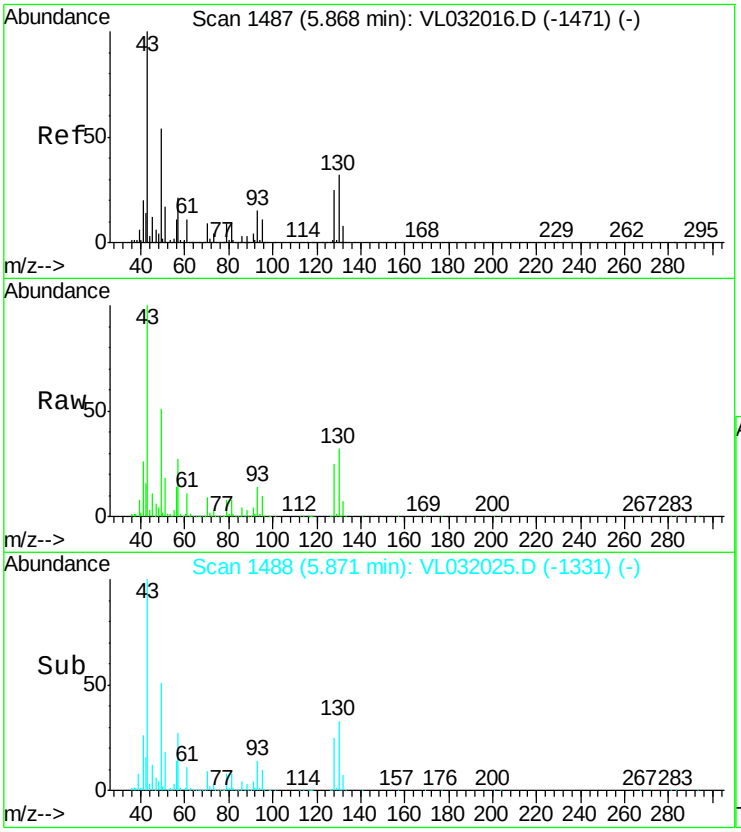
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032025.D
Acq On : 1 Jun 2018 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Jun 02 02:01:22 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration



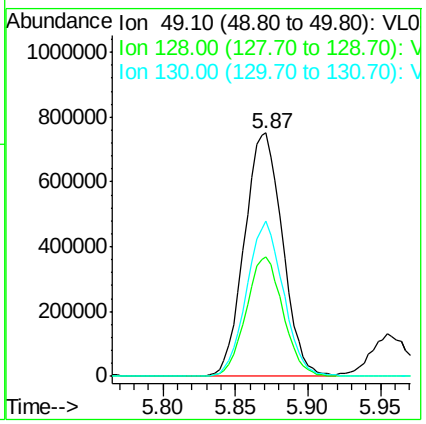


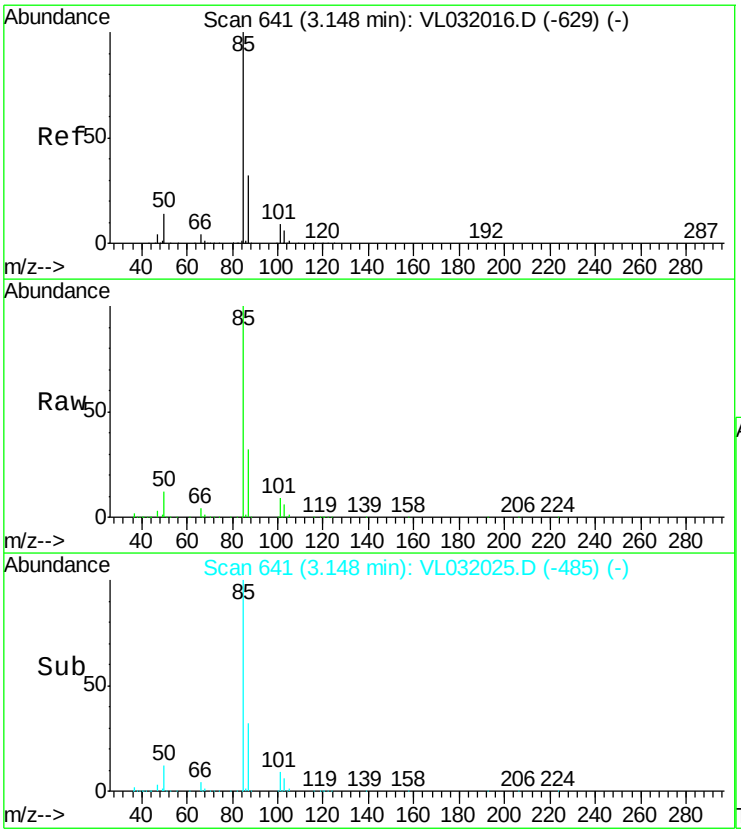
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.87 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 1377436

Ion	Ratio	Lower	Upper
49	100		
128	47.8	24.1	72.3
130	61.4	30.9	92.8

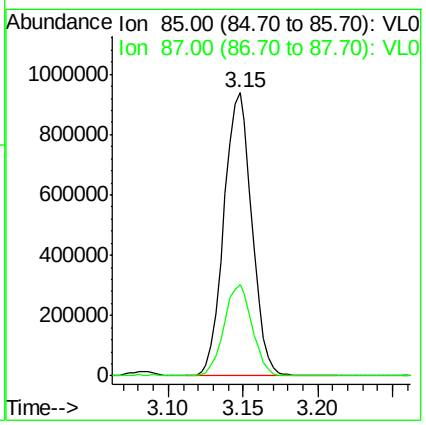


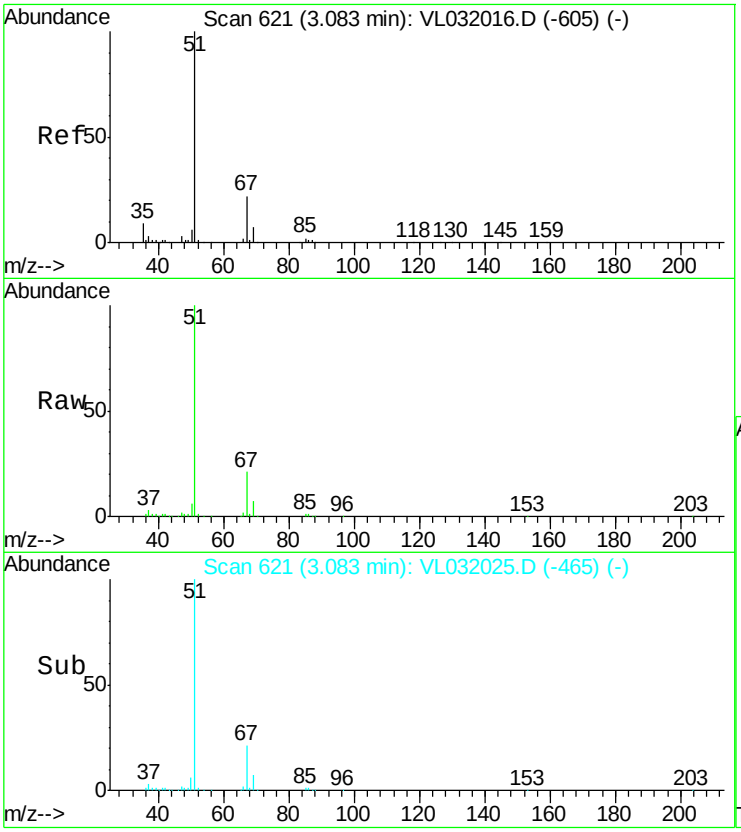


#2
Dichlorodifluoromethane
Concen: 7.36 ppbv
RT: 3.15 min Scan# 641
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 85 Resp: 1219424

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.5	38.3



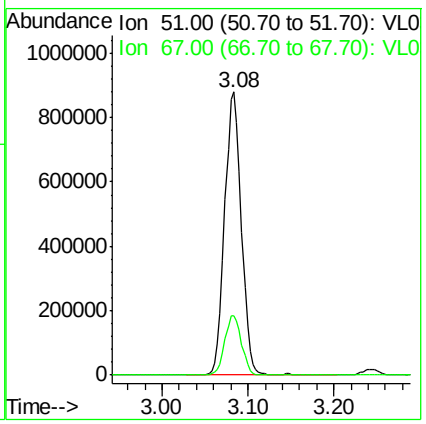


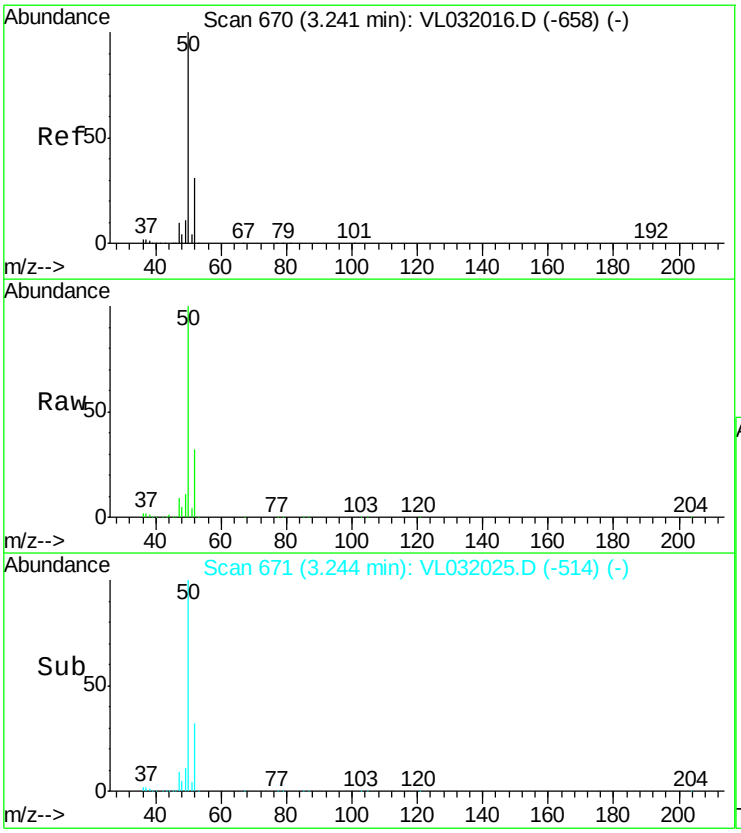
#3
Chlorodifluoromethane
Concen: 9.18 ppbv
RT: 3.08 min Scan# 621
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 1189160

Ion	Ratio	Lower	Upper
51	100		
67	20.9	17.2	25.8

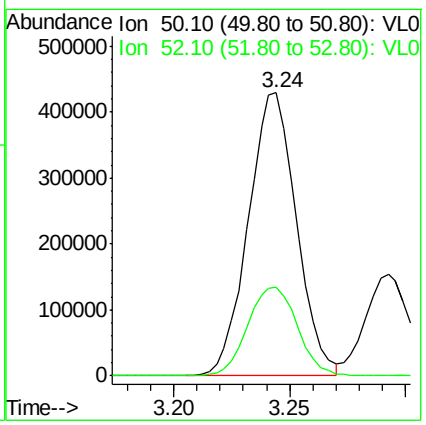


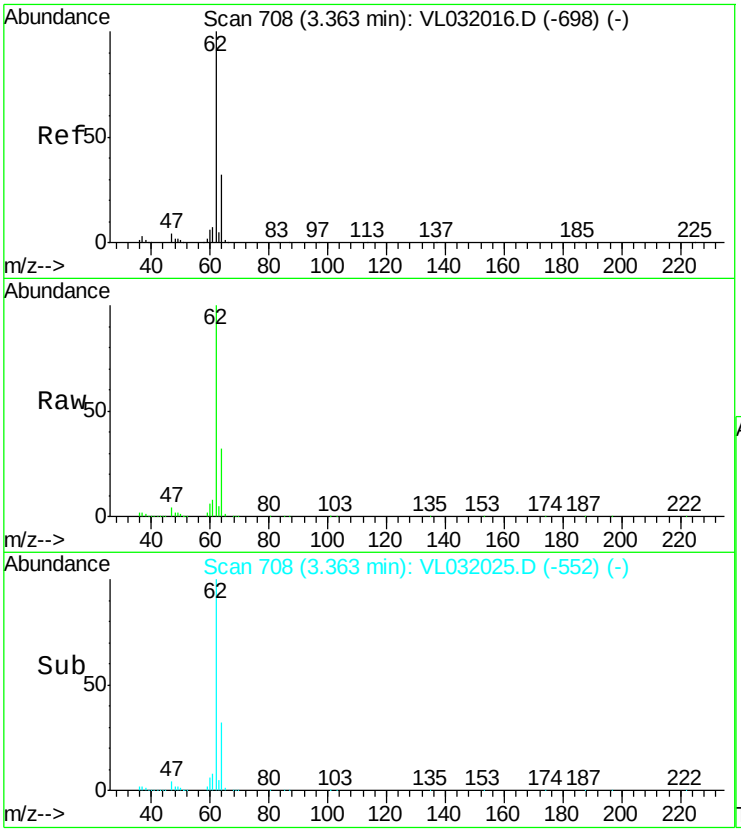


#4
Chloromethane
Concen: 9.44 ppbv
RT: 3.24 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 50 Resp: 620626

Ion	Ratio	Lower	Upper
50	100		
52	31.5	25.0	37.6



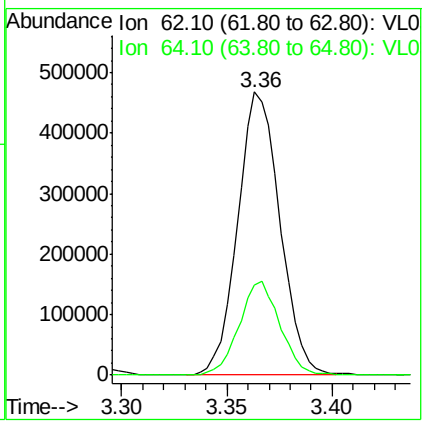


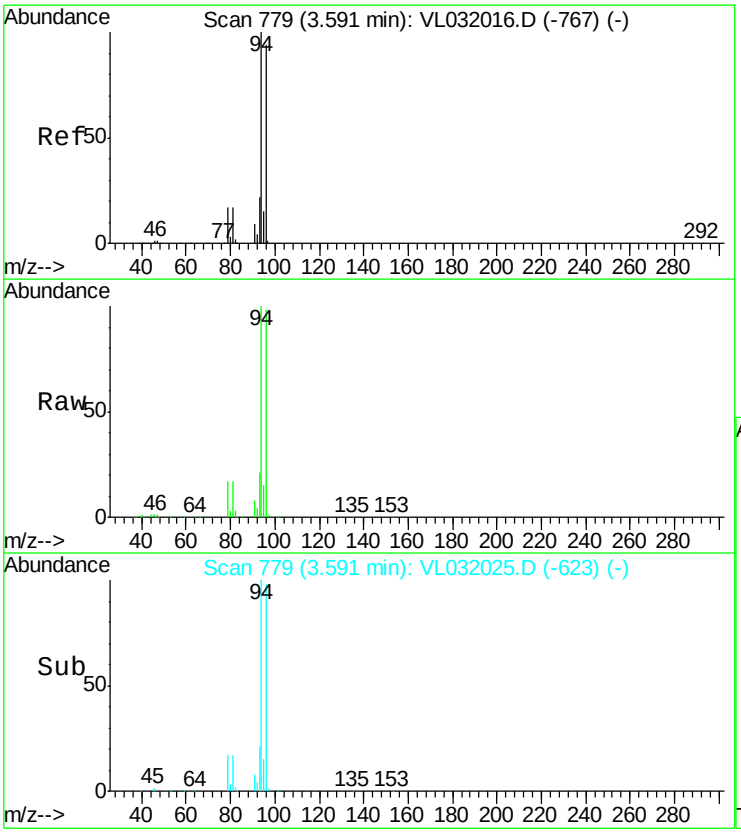
#5
Vinyl Chloride
Concen: 8.92 ppbv
RT: 3.36 min Scan# 708
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 651139

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.2	37.8

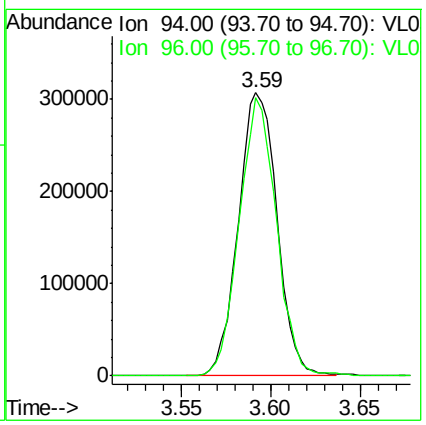


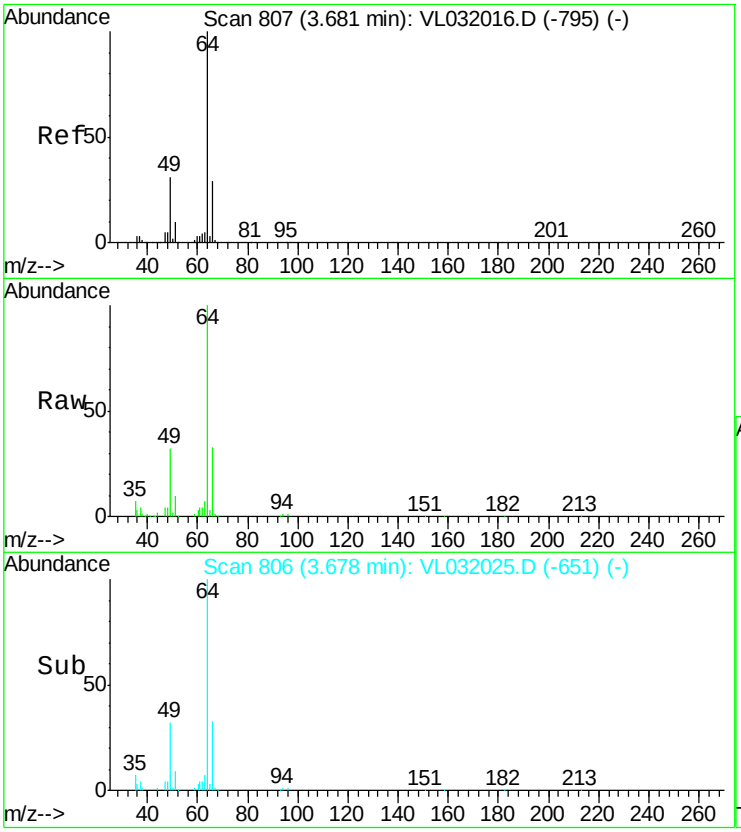


#6
Bromomethane
Concen: 9.26 ppbv
RT: 3.59 min Scan# 779
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 94 Resp: 464818

Ion	Ratio	Lower	Upper
94	100		
96	98.0	75.1	112.7



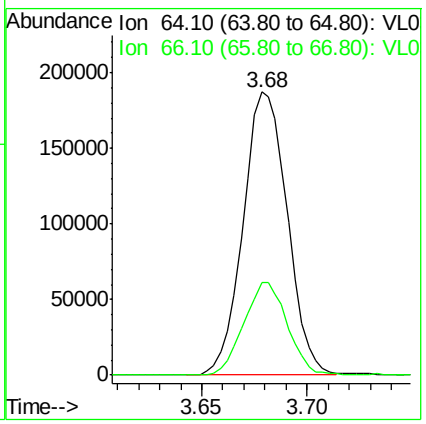


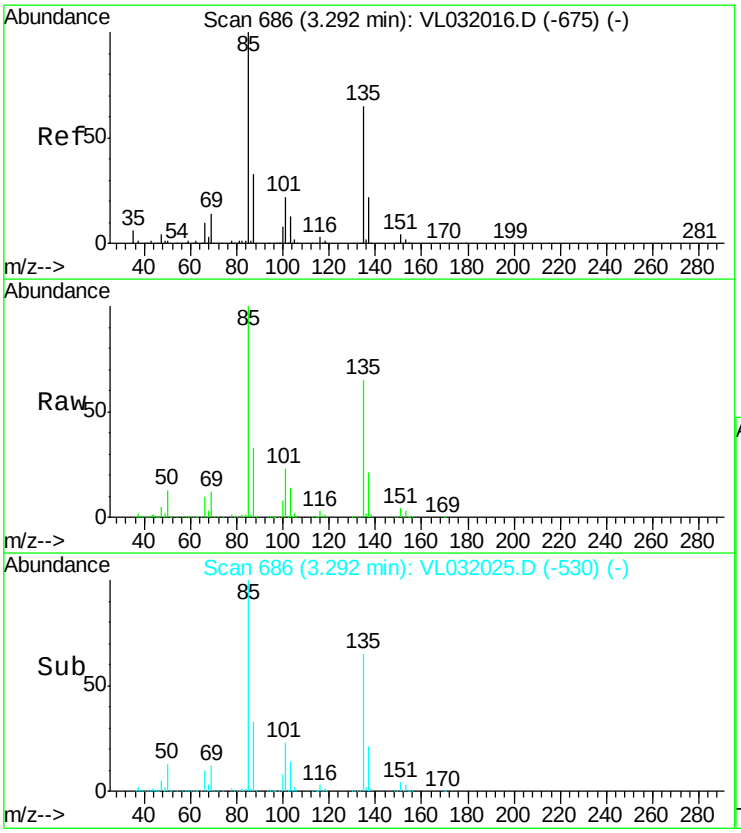
#7
Chloroethane
Concen: 8.78 ppbv
RT: 3.68 min Scan# 806
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 64 Resp: 272733

Ion	Ratio	Lower	Upper
64	100		
66	32.9	23.4	35.2

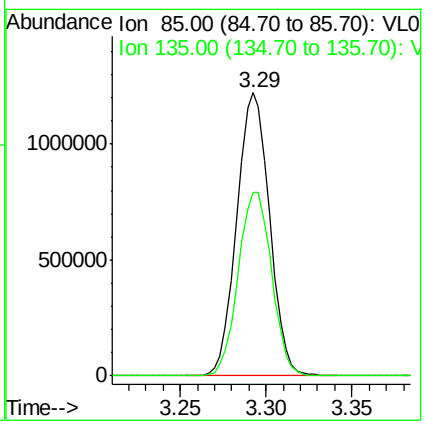


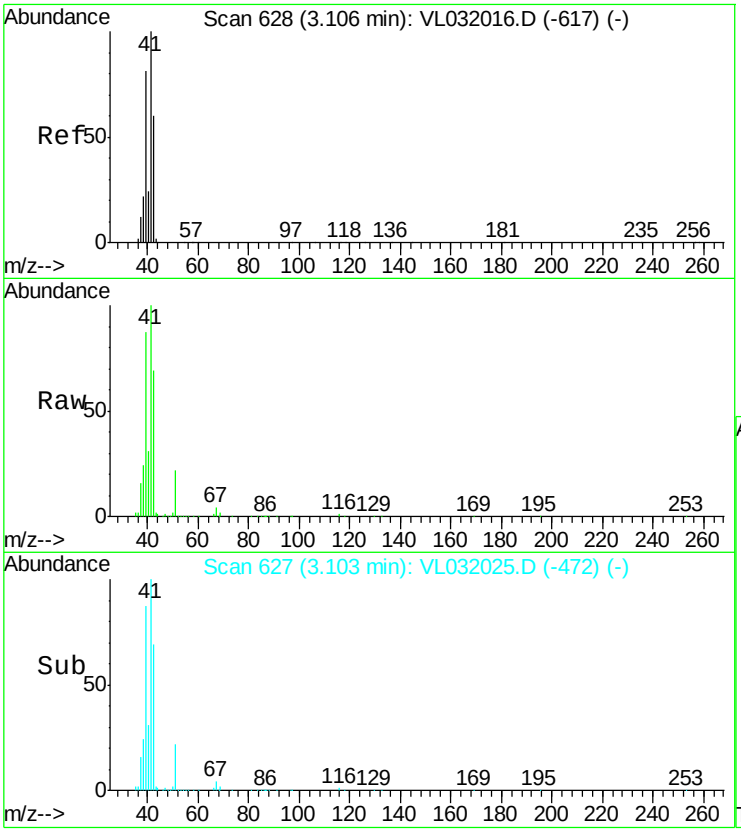


#8
Dichlorotetrafluoroethane
Concen: 8.92 ppbv
RT: 3.29 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 85 Resp: 1610966

Ion	Ratio	Lower	Upper
85	100		
135	66.4	52.6	79.0



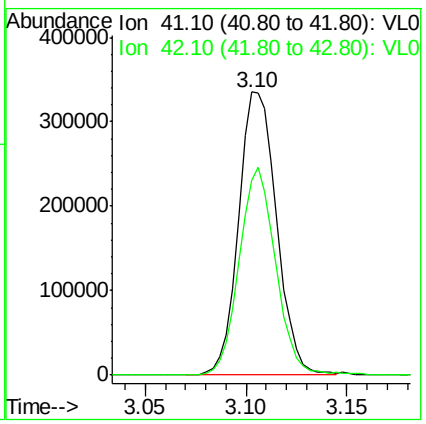


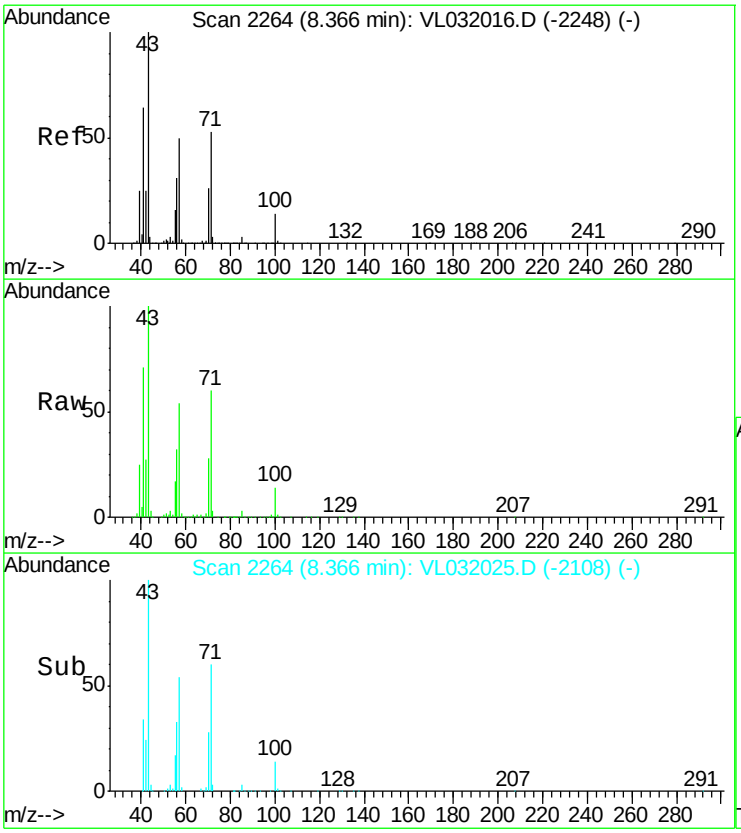
#9
Propene
Concen: 10.50 ppbv
RT: 3.10 min Scan# 627
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 444379

Ion	Ratio	Lower	Upper
41	100		
42	70.9	54.4	81.6

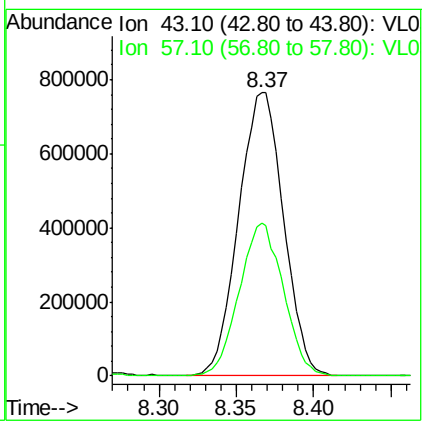


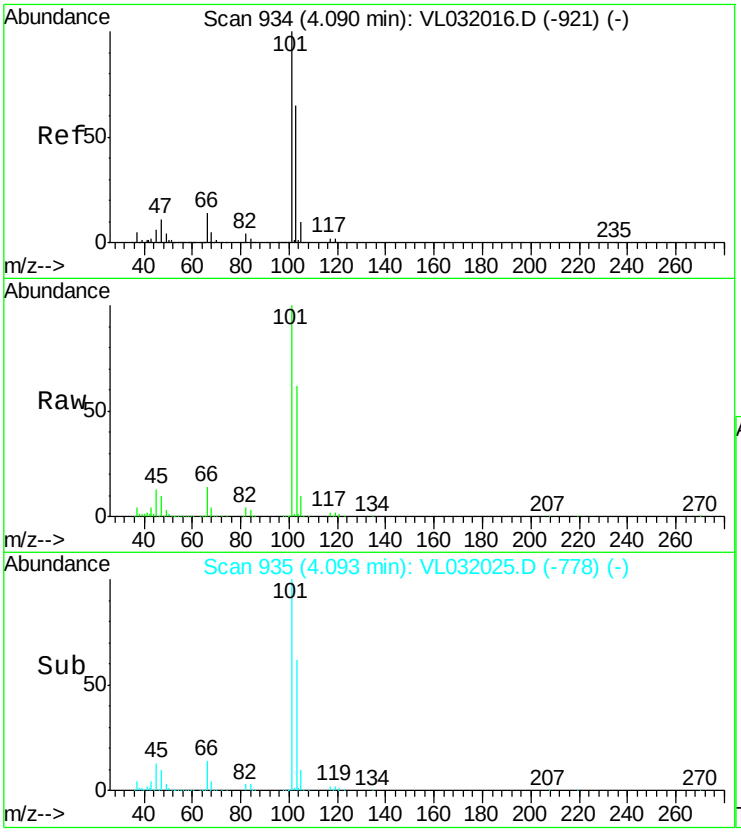


#10
Heptane
Concen: 10.24 ppbv
RT: 8.37 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 43 Resp: 1536216

Ion	Ratio	Lower	Upper
43	100		
57	53.3	41.7	62.5



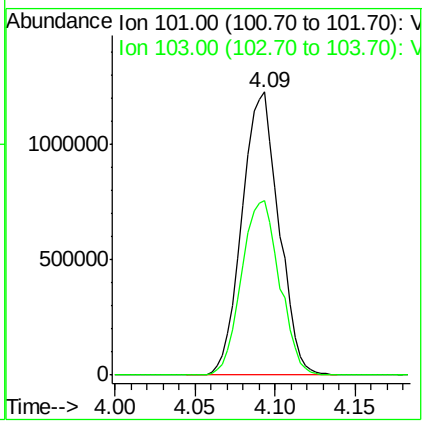


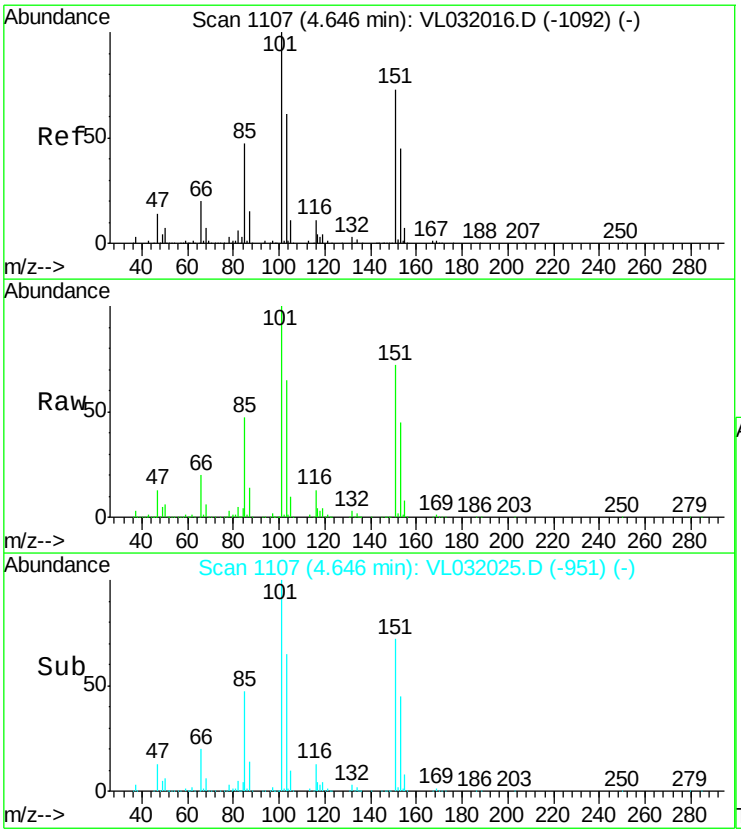
#11
Trichlorofluoromethane
Concen: 7.55 ppbv
RT: 4.09 min Scan# 935
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:101 Resp: 1925425

Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.0	78.0

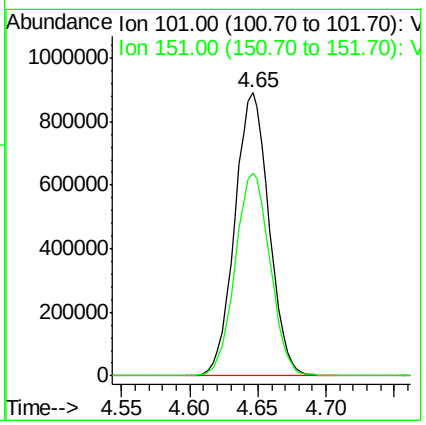


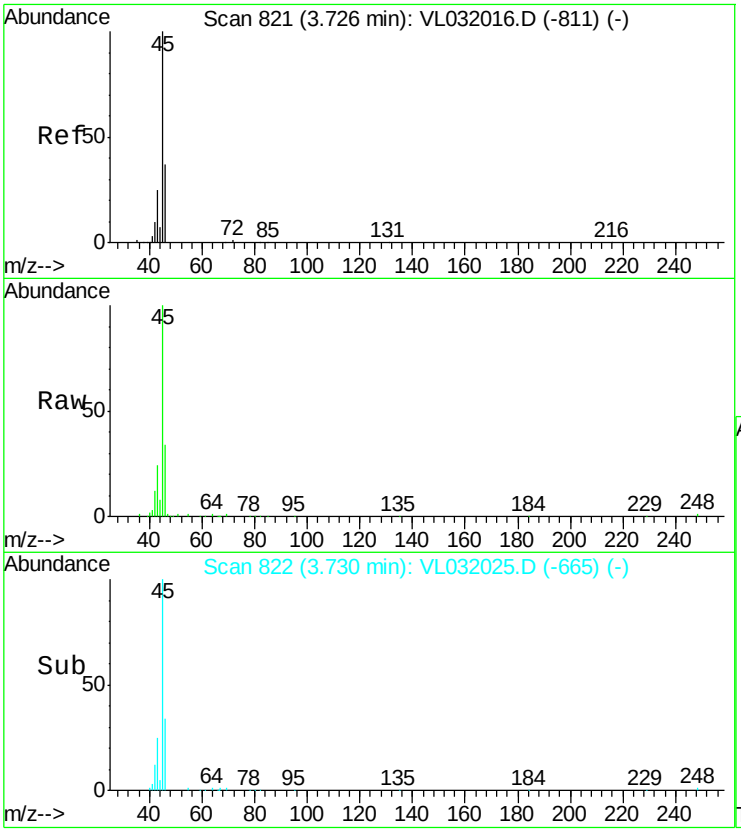


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.86 ppbv
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:101 Resp: 1549378

Ion	Ratio	Lower	Upper
101	100		
151	73.2	58.2	87.4



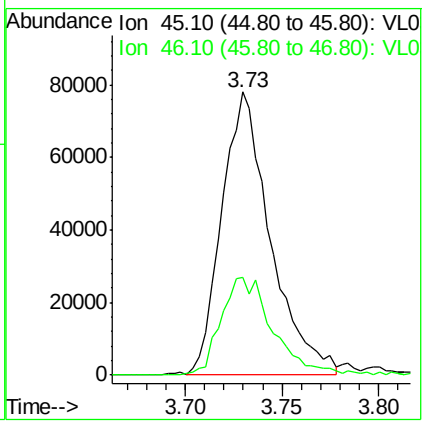


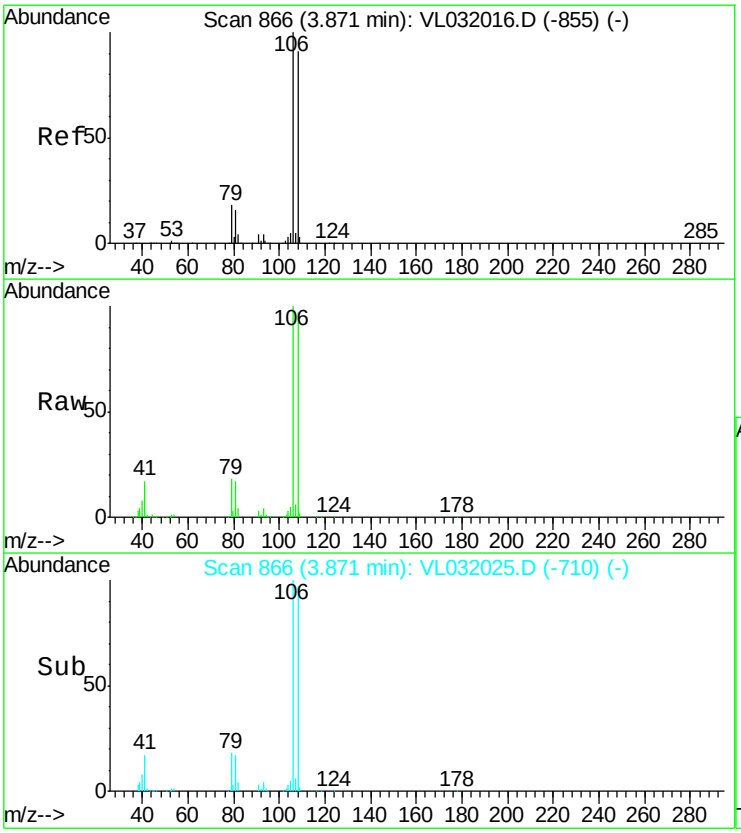
#13
Ethanol
Concen: 8.18 ppbv
RT: 3.73 min Scan# 822
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 135354

Ion	Ratio	Lower	Upper
45	100		
46	37.7	14.9	59.5

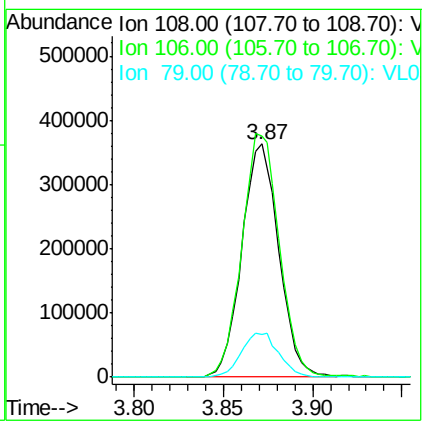


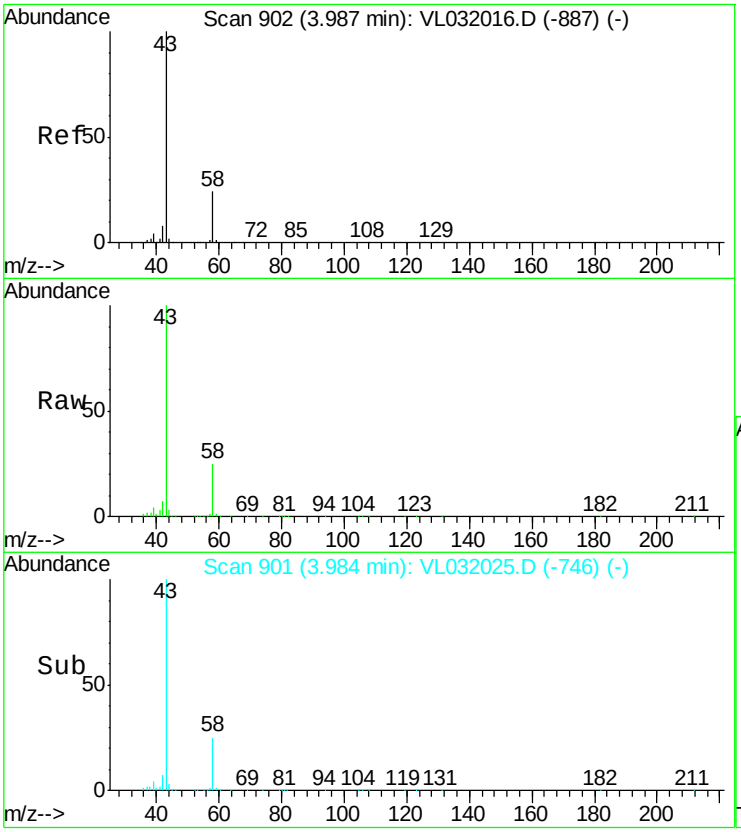


#14
Bromoethene
Concen: 8.58 ppbv
RT: 3.87 min Scan# 866
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:108 Resp: 527451

Ion	Ratio	Lower	Upper
108	100		
106	106.7	85.1	127.7
79	19.6	15.2	22.8



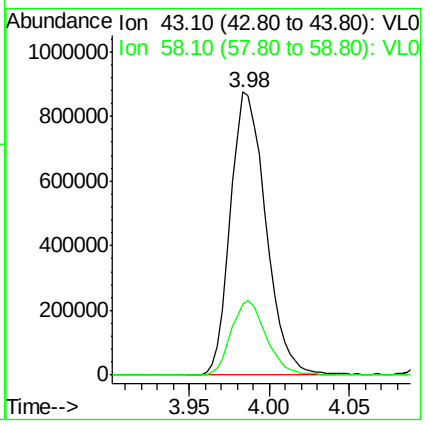


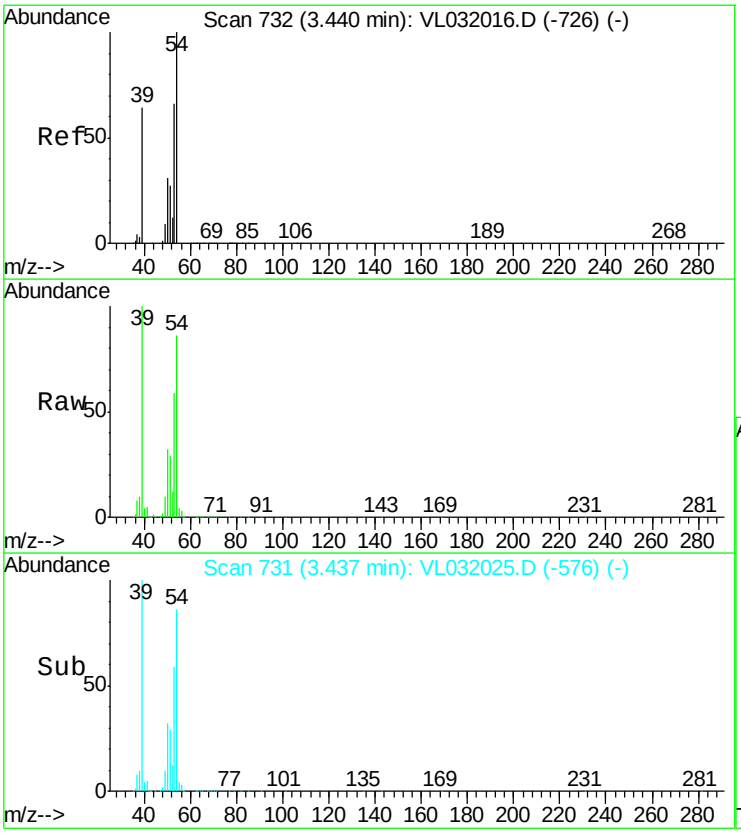
#15
Acetone
Concen: 7.93 ppbv
RT: 3.98 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1317703

Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.7	31.1

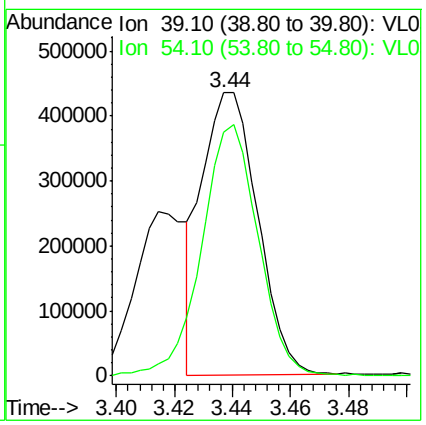


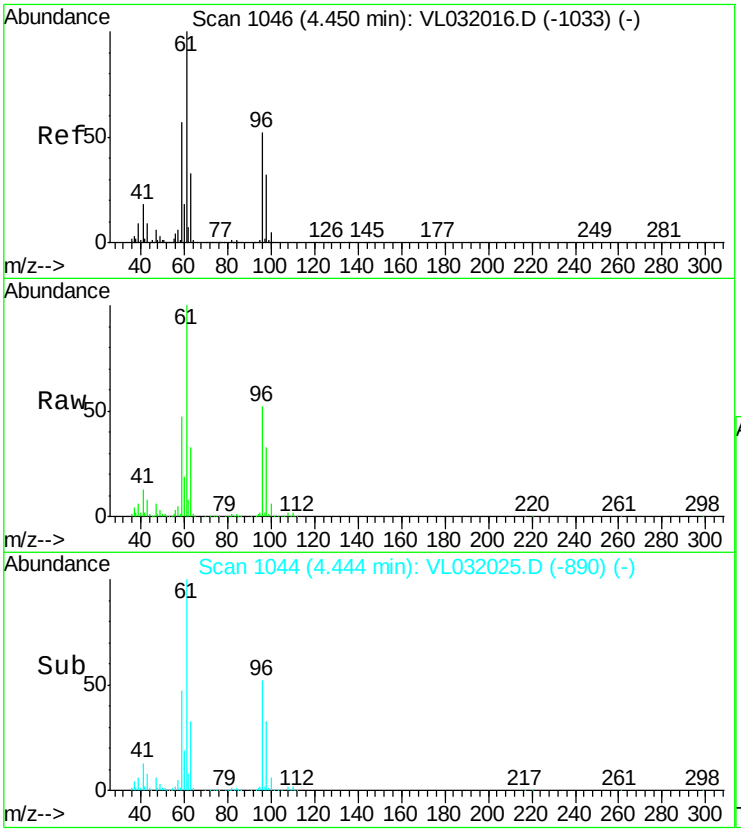


#16
1,3-Butadiene
Concen: 9.54 ppbv
RT: 3.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 39 Resp: 578538

Ion	Ratio	Lower	Upper
39	100		
54	91.1	65.7	98.5



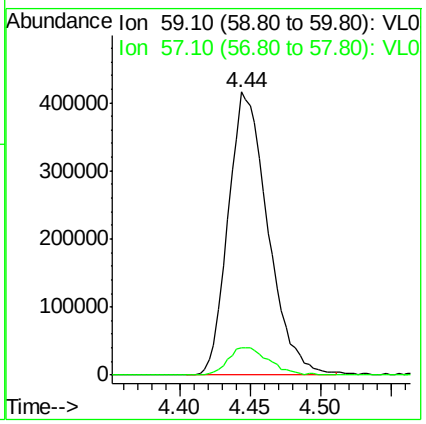


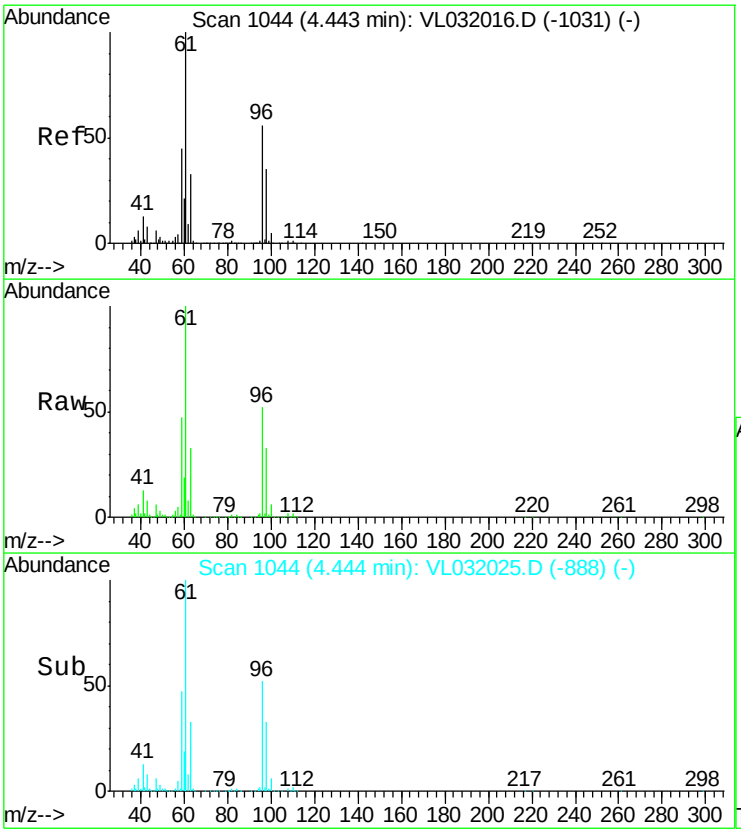
#17
tert-Butyl alcohol
Concen: 10.30 ppbv
RT: 4.44 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 820925

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

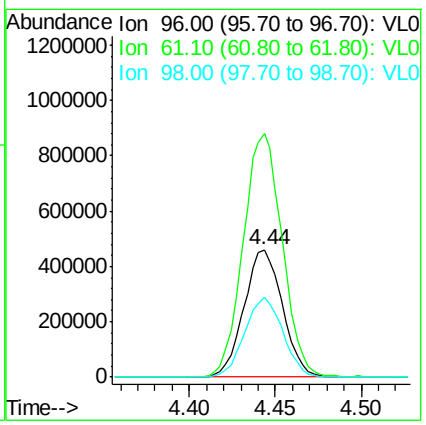


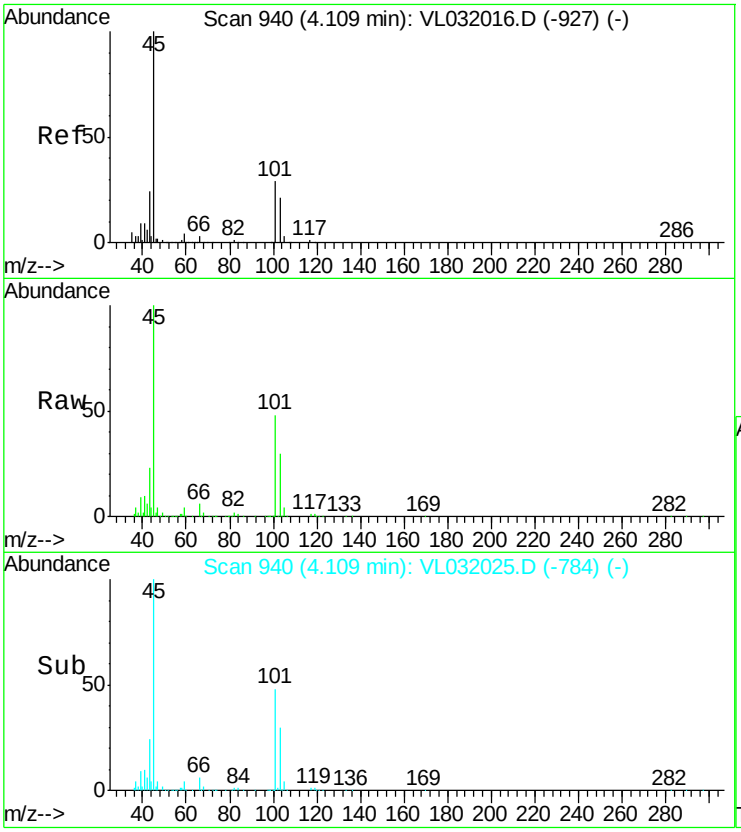


#18
1,1-Dichloroethene
Concen: 9.37 ppbv
RT: 4.44 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 96 Resp: 712283

Ion	Ratio	Lower	Upper
96	100		
61	190.6	143.5	215.3
98	62.1	50.0	75.0



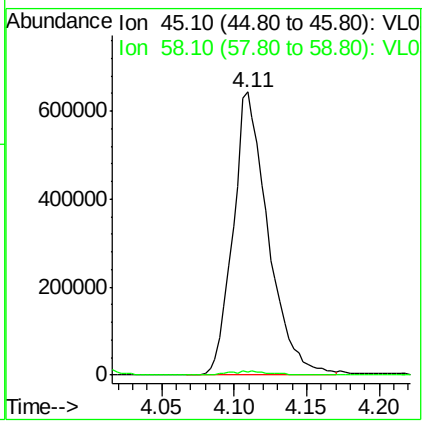


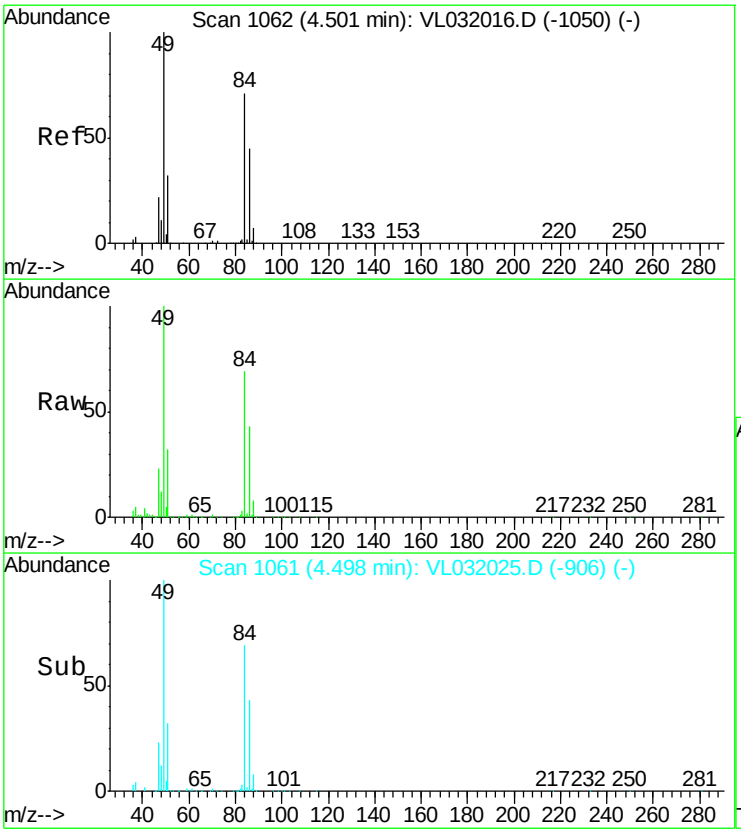
#19
Isopropyl Alcohol
Concen: 9.81 ppbv
RT: 4.11 min Scan# 940
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 45 Resp: 1078359

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.5	2.3

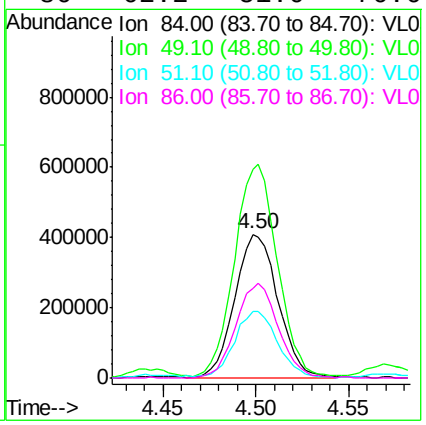


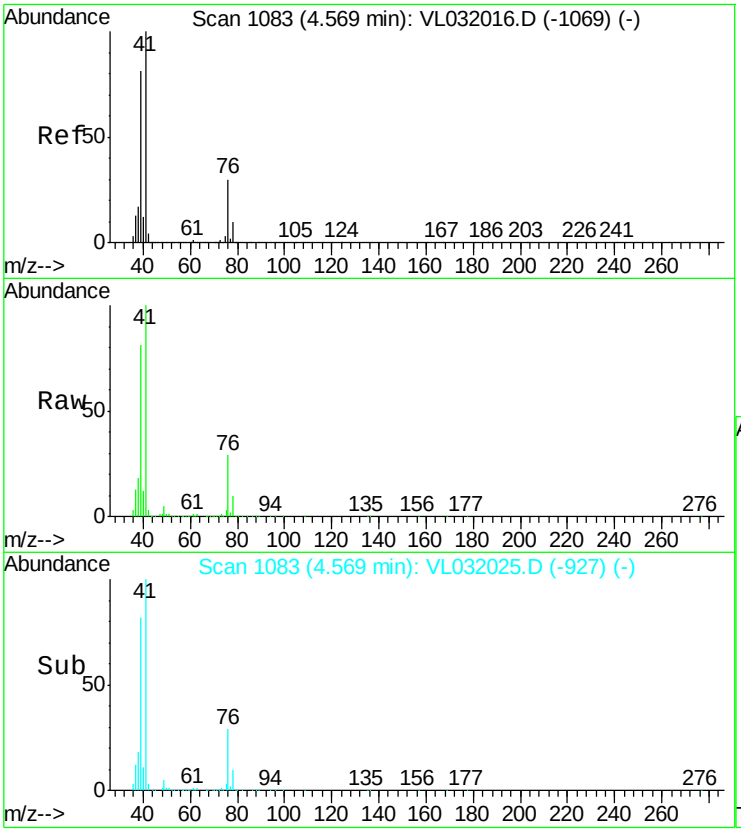


#20
Methylene Chloride
Concen: 8.71 ppbv
RT: 4.50 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 84 Resp: 657293

Ion	Ratio	Lower	Upper
84	100		
49	143.6	113.0	169.4
51	45.9	36.4	54.6
86	62.2	51.0	76.6



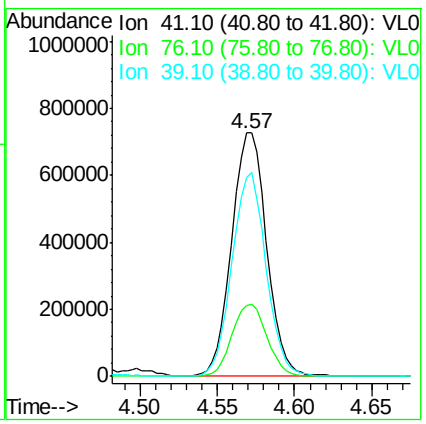


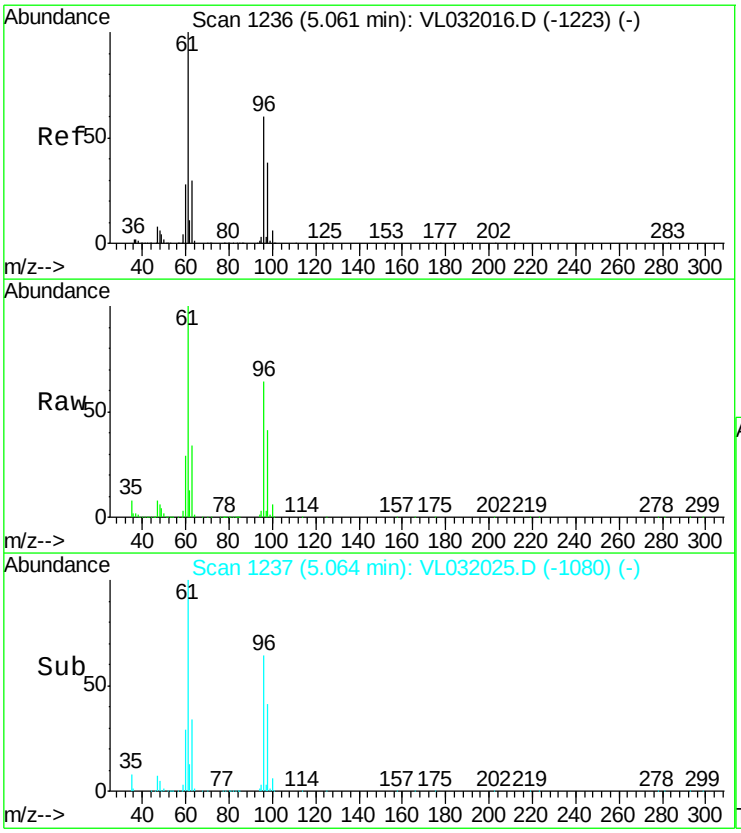
#21
Allyl Chloride
Concen: 9.69 ppbv
RT: 4.57 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 41 Resp: 1134786

Ion	Ratio	Lower	Upper
41	100		
76	29.9	23.9	35.9
39	82.2	65.9	98.9

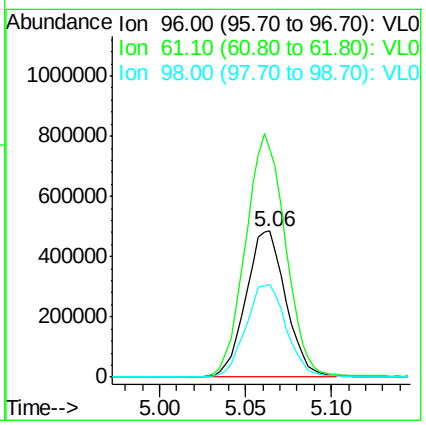


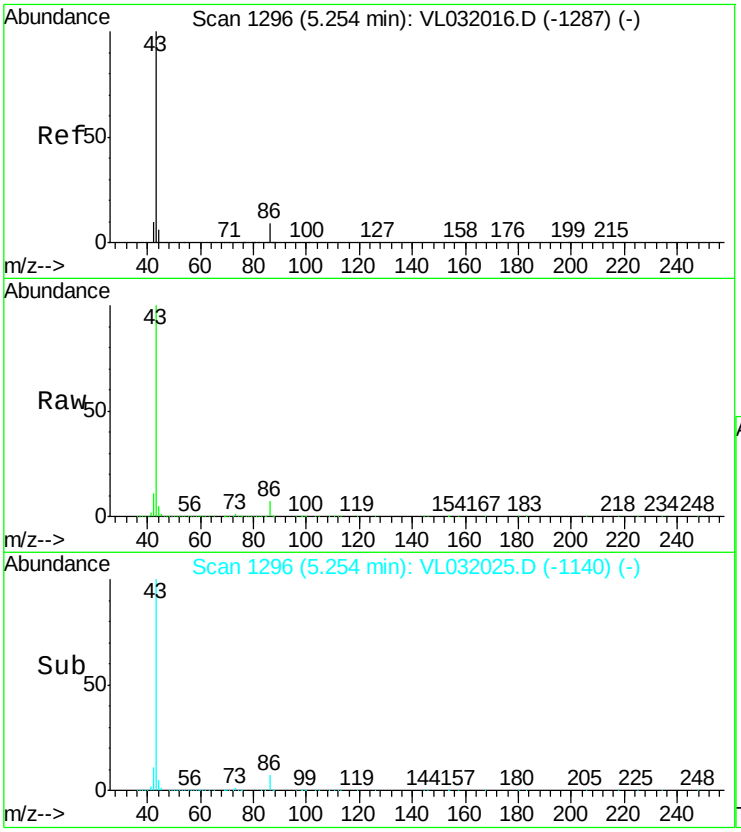


#22
trans-1,2-Dichloroethene
Concen: 9.53 ppbv
RT: 5.06 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 96 Resp: 779684

Ion	Ratio	Lower	Upper
96	100		
61	156.5	133.3	199.9
98	63.6	51.0	76.4



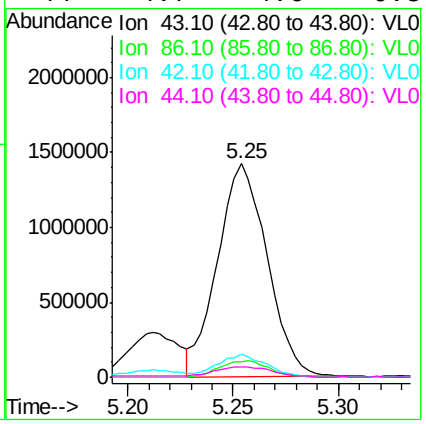


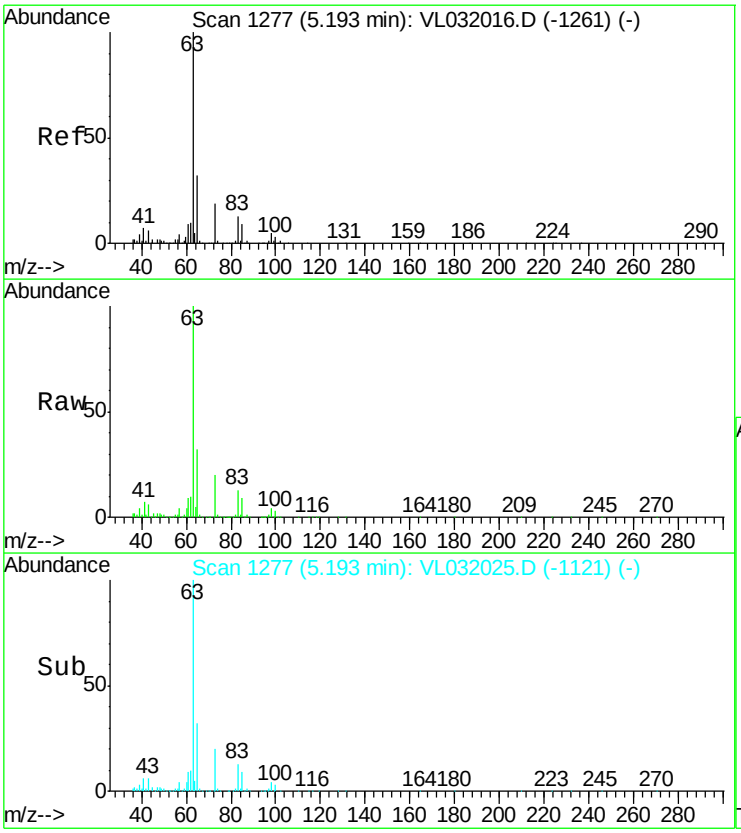
#23
Vinyl Acetate
Concen: 10.30 ppbv
RT: 5.25 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 2315211

Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.2	9.4
42	10.5	8.7	13.1
44	4.7	4.6	6.8

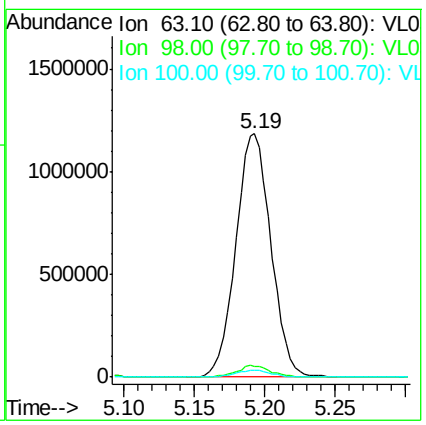


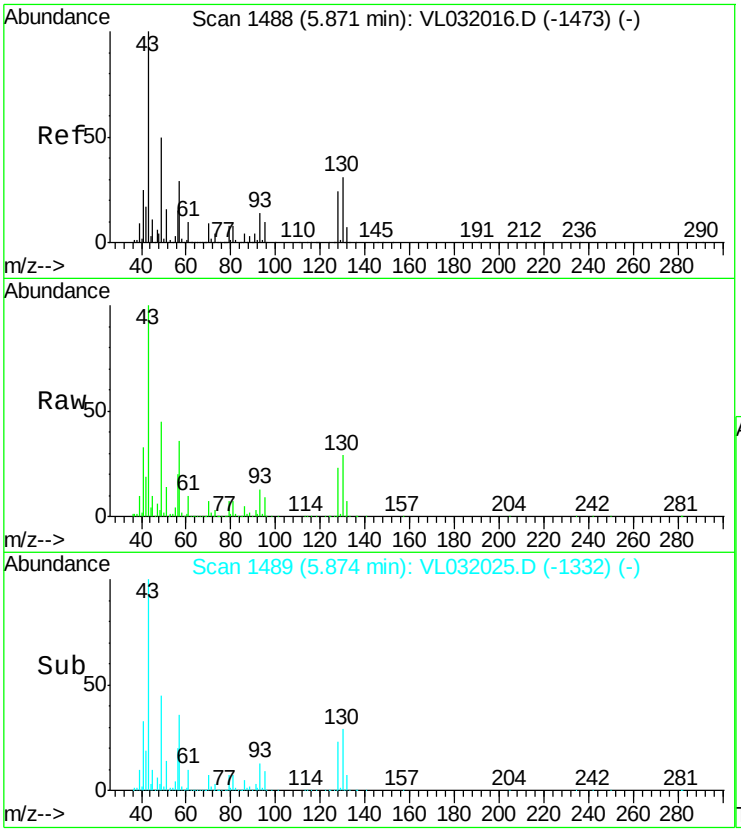


#24
1,1-Dichloroethane
Concen: 9.42 ppbv
RT: 5.19 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 63 Resp: 2060862

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.1
100	2.7	1.5	4.5



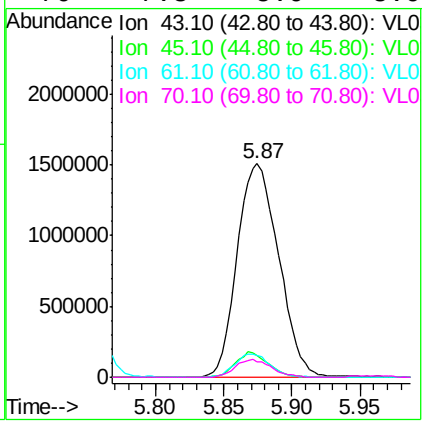


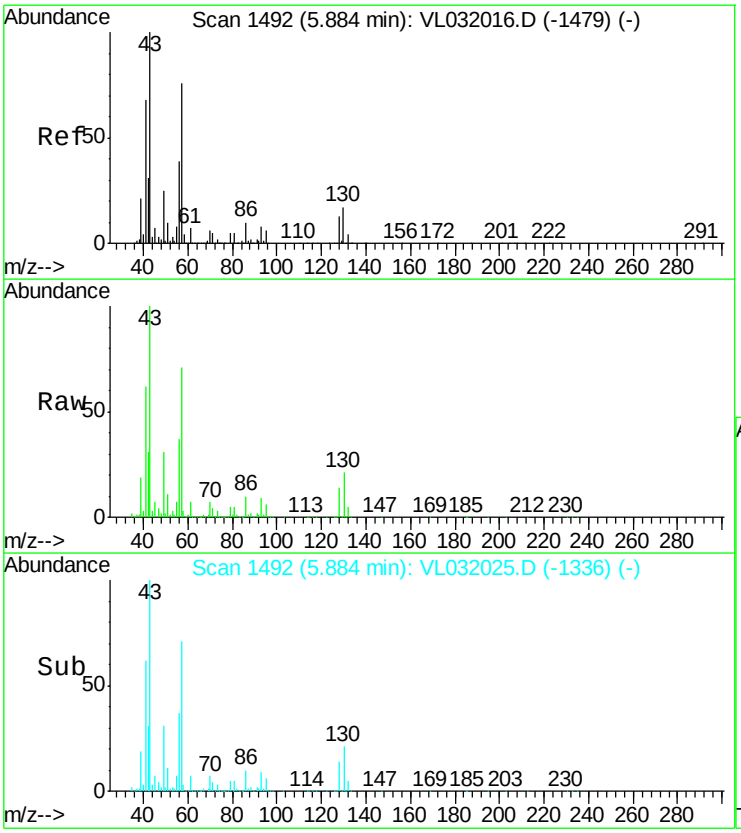
#25
Ethyl Acetate
Concen: 9.66 ppbv
RT: 5.87 min Scan# 1489
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 3176511

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.3	7.4	11.2
70	7.3	5.9	8.9

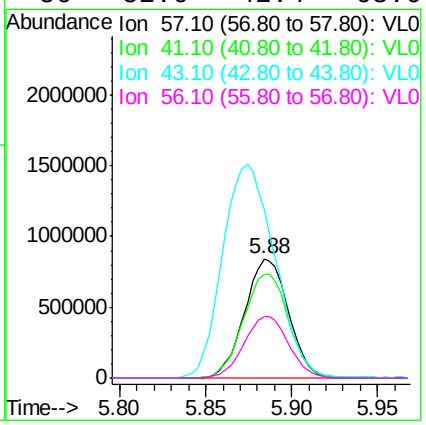


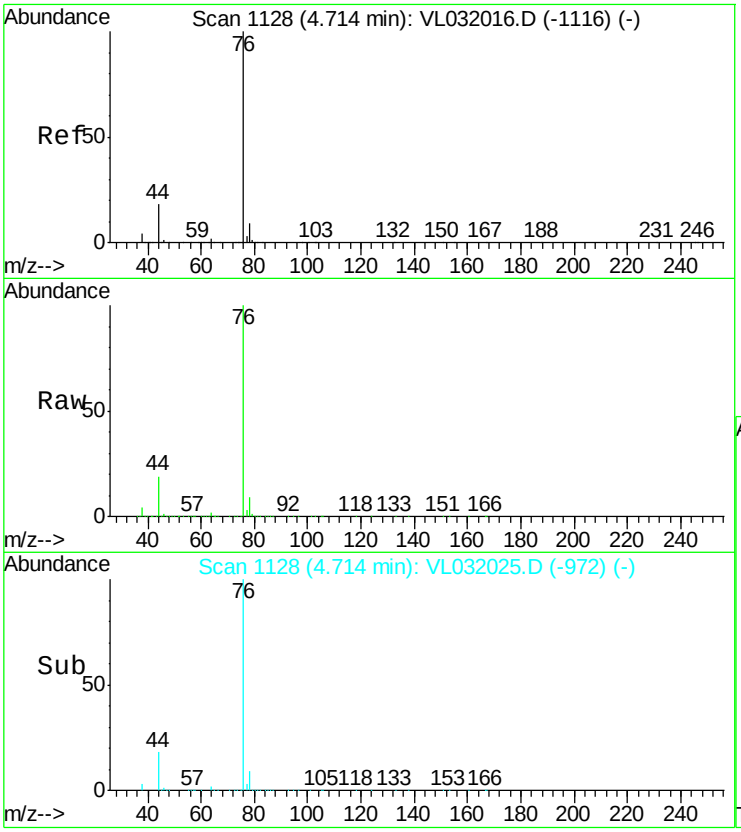


#26
Hexane
Concen: 9.69 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 57 Resp: 1481828

Ion	Ratio	Lower	Upper
57	100		
41	90.6	71.4	107.2
43	215.6	168.6	252.8
56	52.6	42.4	63.6



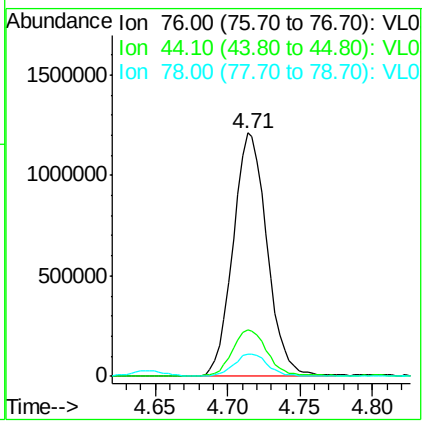


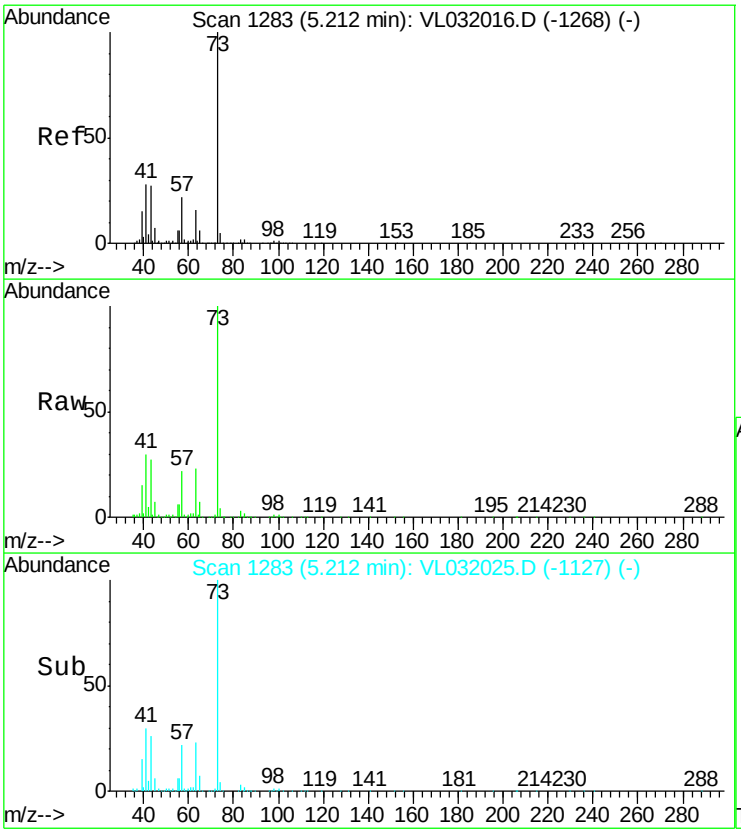
#27
Carbon Disulfide
Concen: 9.83 ppbv
RT: 4.71 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 1968634

Ion	Ratio	Lower	Upper
76	100		
44	19.0	14.9	22.3
78	9.1	7.6	11.4

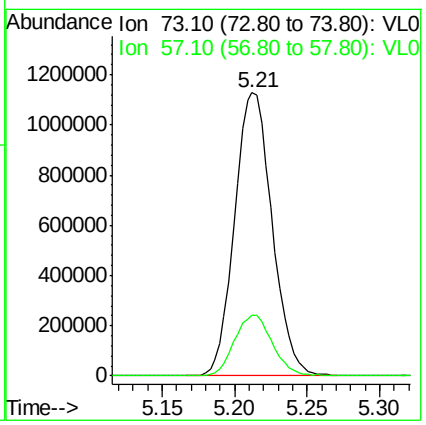


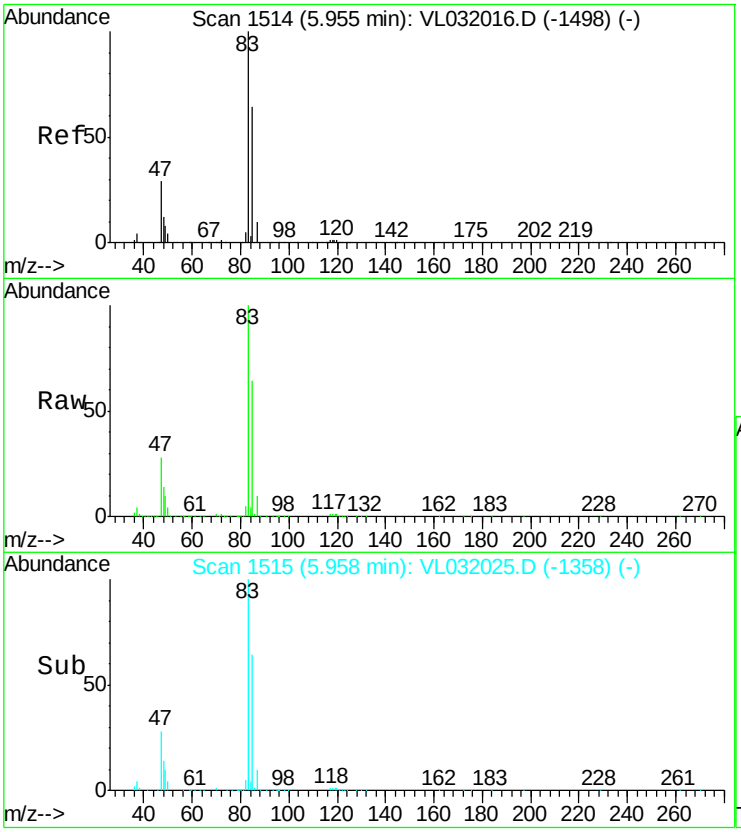


#28
Methyl tert-Butyl Ether
Concen: 10.71 ppbv
RT: 5.21 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 73 Resp: 2027289

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8



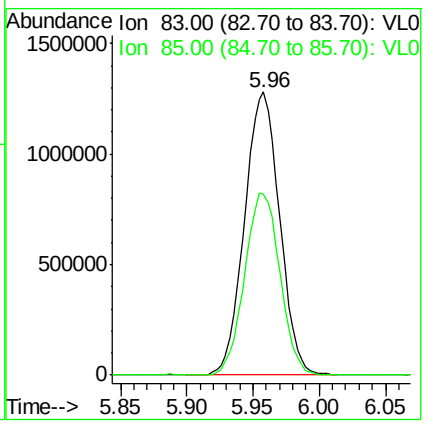


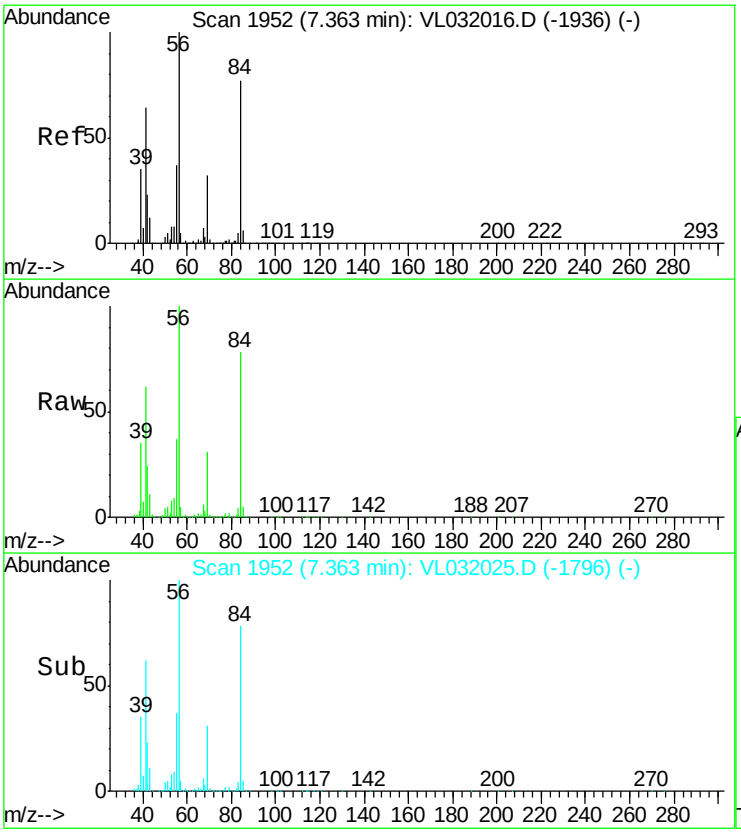
#29
Chloroform
Concen: 9.14 ppbv
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2356985

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.9	76.3

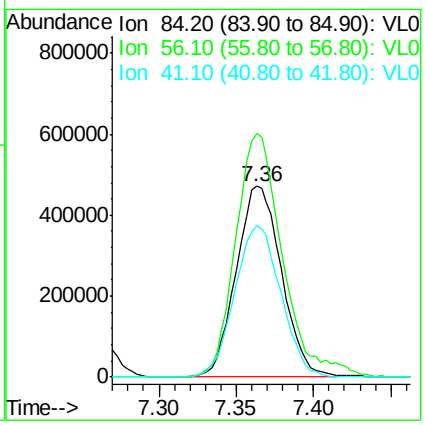


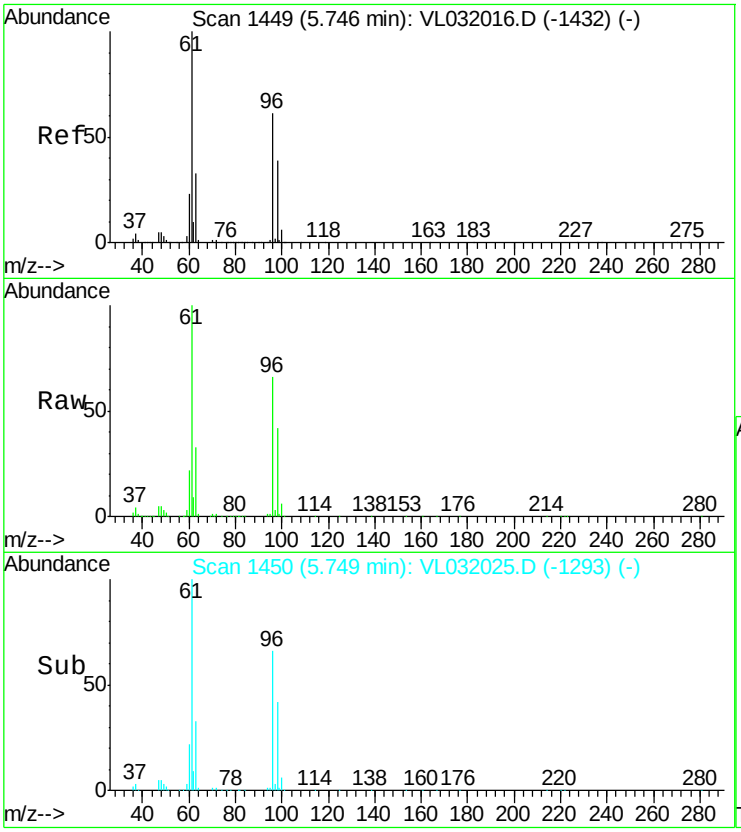


#30
Cyclohexane
Concen: 10.62 ppbv
RT: 7.36 min Scan# 1952
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 84 Resp: 959068

Ion	Ratio	Lower	Upper
84	100		
56	132.5	108.6	162.8
41	80.7	66.8	100.2



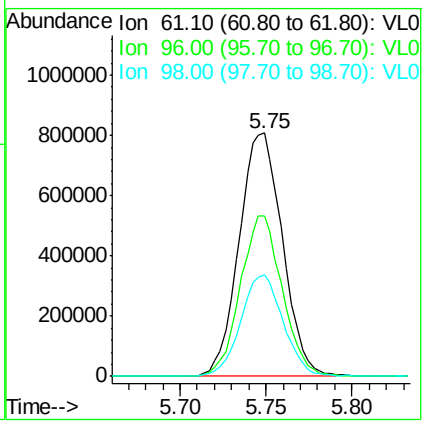


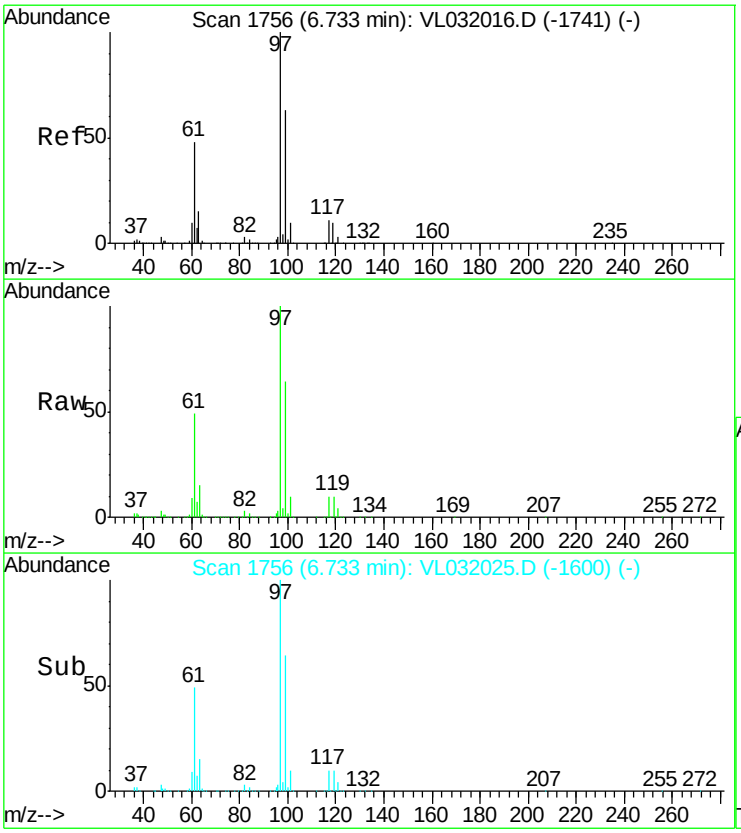
#31
cis-1,2-Dichloroethene
Concen: 10.29 ppbv
RT: 5.75 min Scan# 1450
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 61 Resp: 1416057

Ion	Ratio	Lower	Upper
61	100		
96	65.9	49.0	73.6
98	41.9	31.2	46.8

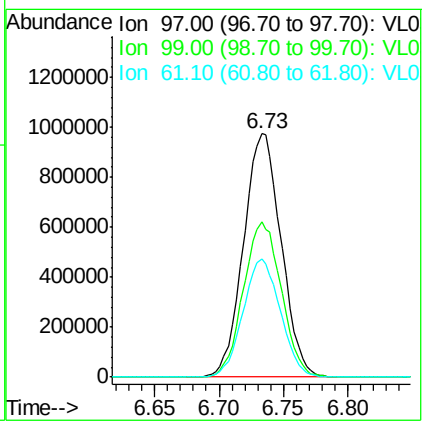


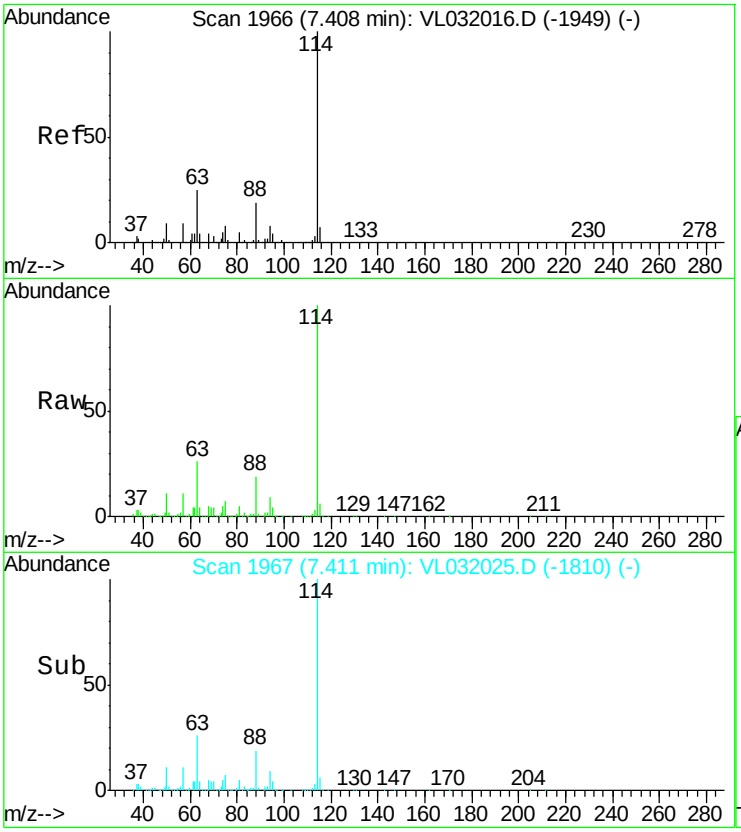


#32
1,1,1-Trichloroethane
Concen: 9.43 ppbv
RT: 6.73 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 97 Resp: 1982645

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	48.2	39.4	59.2



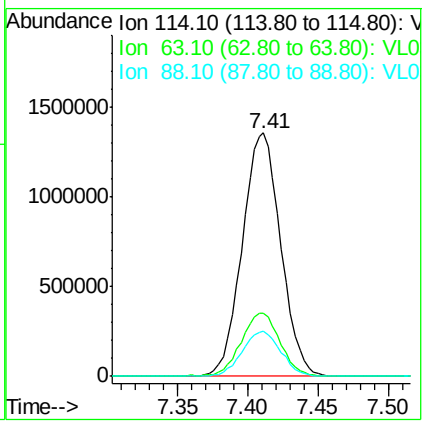


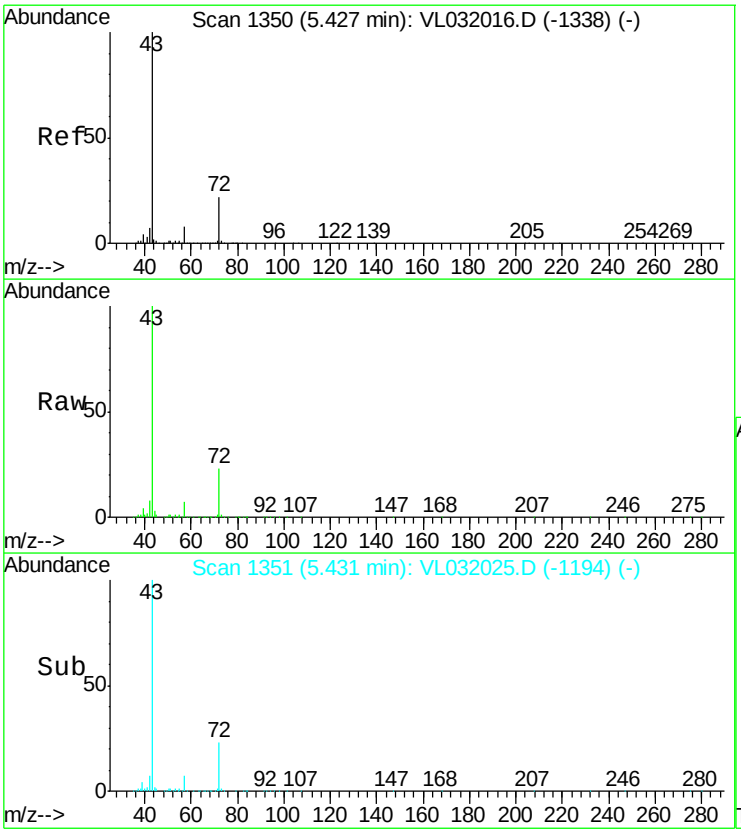
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 2587349

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.1	31.7
88	18.6	14.8	22.2

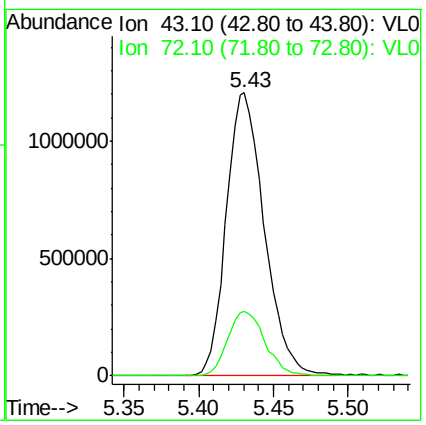


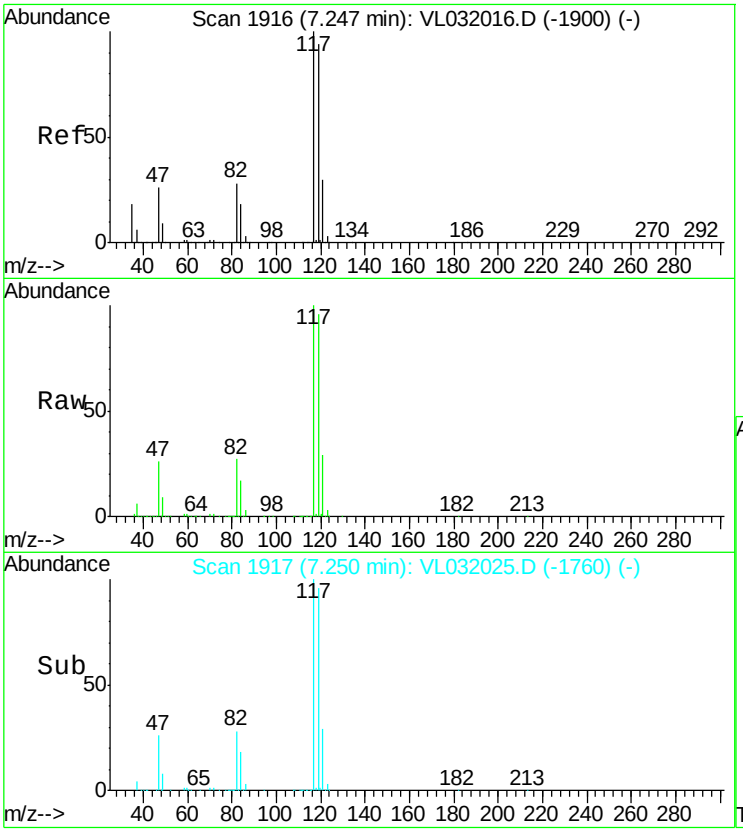


#34
2-Butanone
Concen: 10.44 ppbv
RT: 5.43 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 43 Resp: 2124168

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.6	27.8



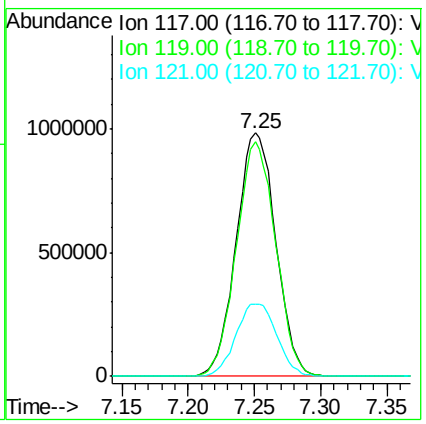


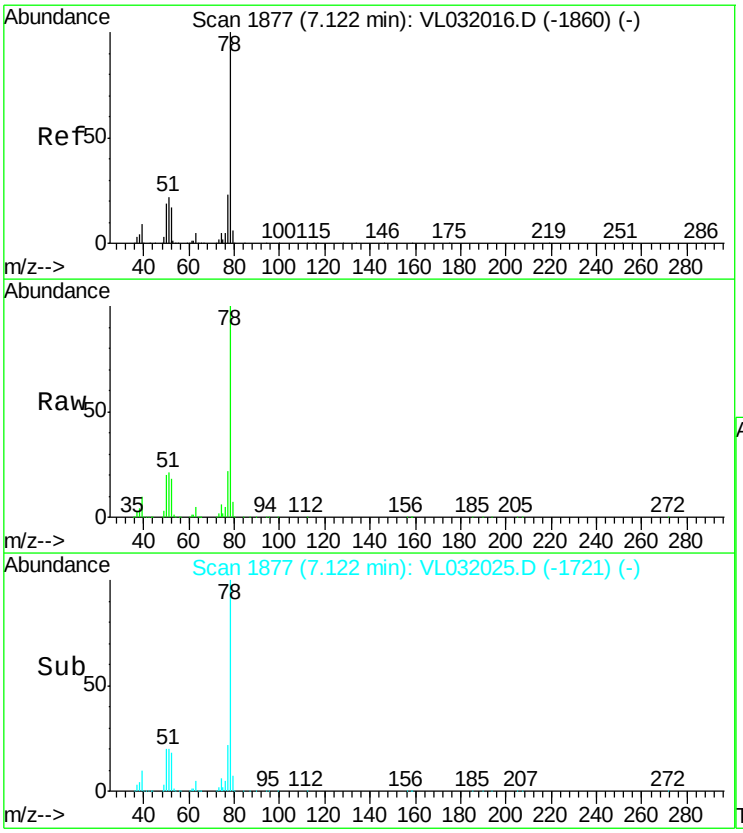
#35
Carbon Tetrachloride
Concen: 9.27 ppbv
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 2047157

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.3	112.9
121	29.4	24.1	36.1

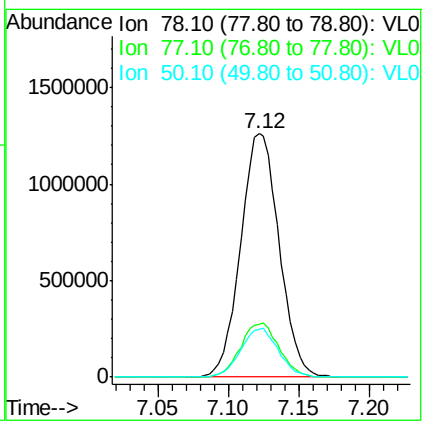


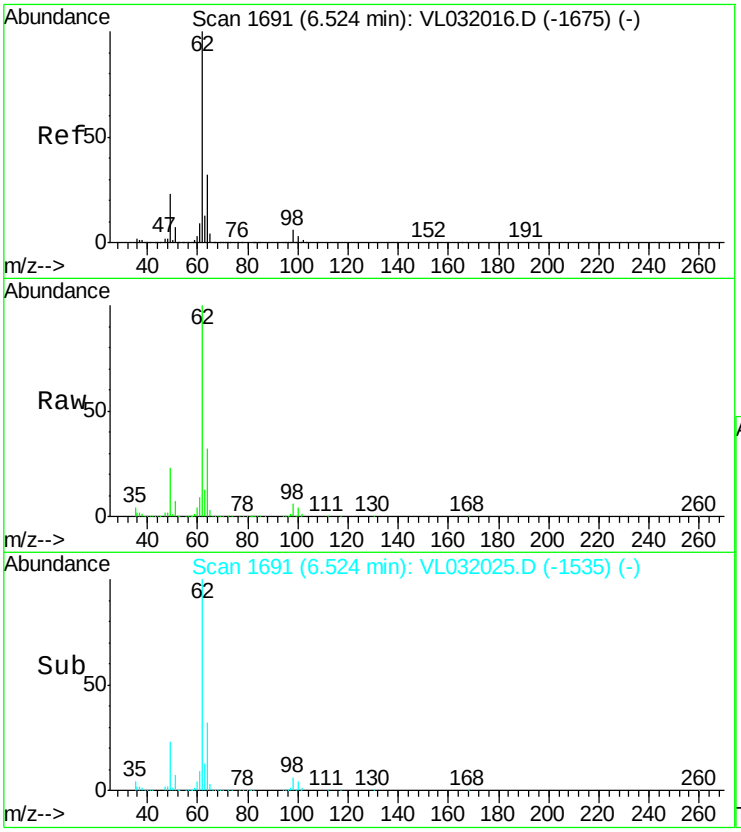


#36
Benzene
Concen: 10.60 ppbv
RT: 7.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 78 Resp: 2408668

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.1	27.1
50	19.6	14.9	22.3



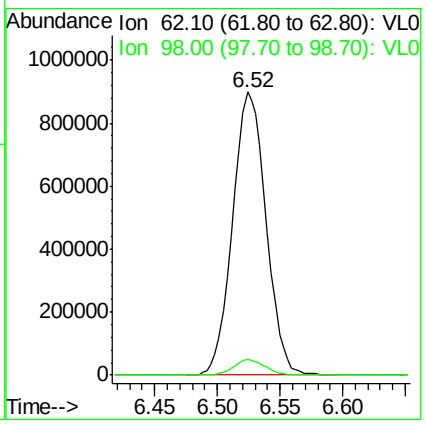


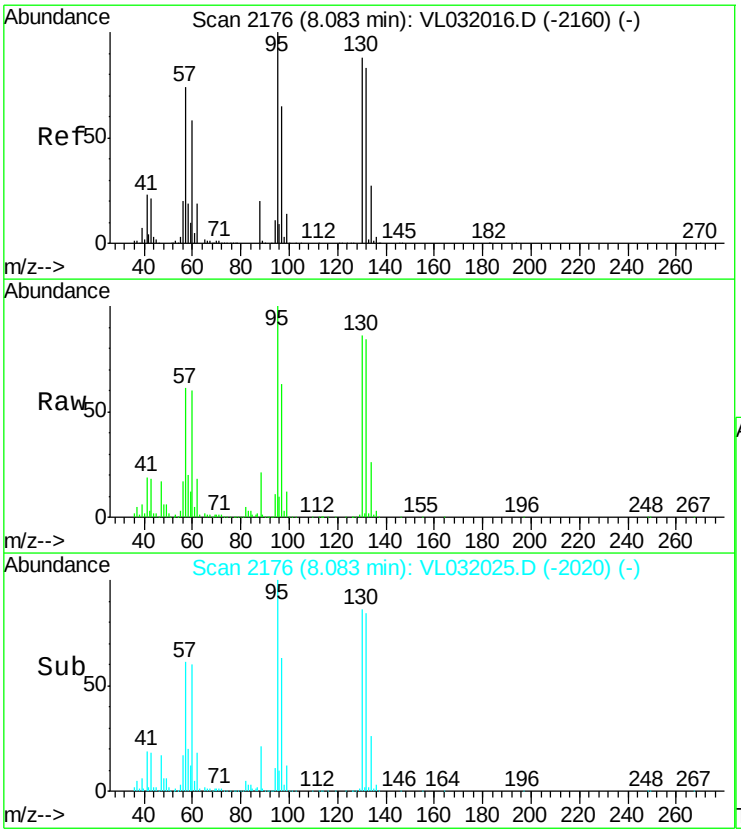
#37
1,2-Dichloroethane
Concen: 10.15 ppbv
RT: 6.52 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 1665228

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.2	6.4

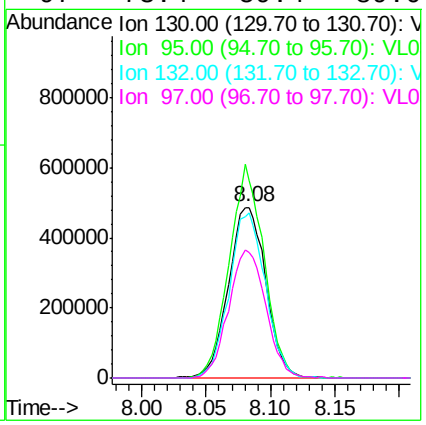


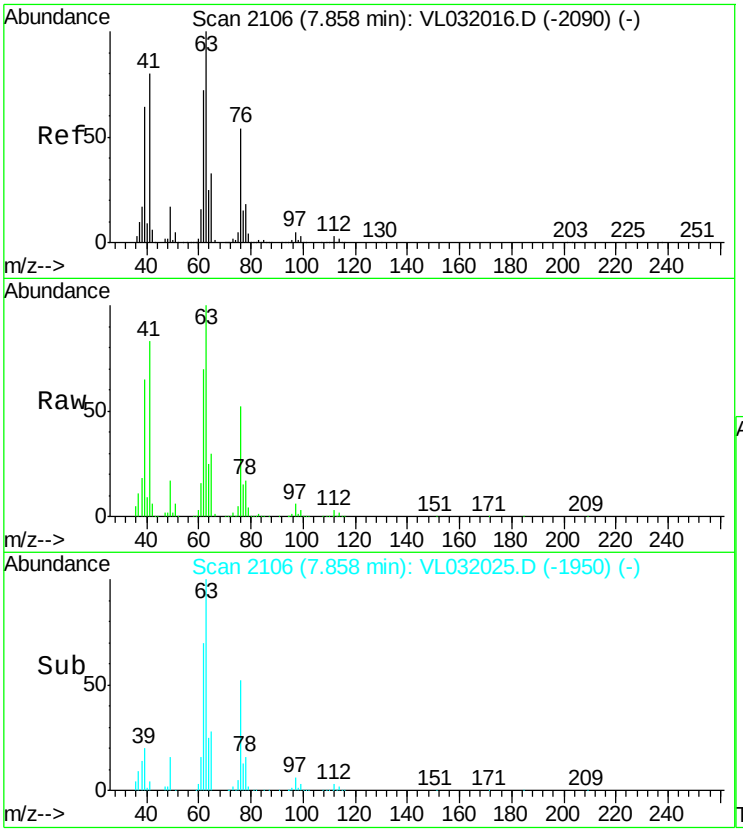


#38
Trichloroethene
Concen: 11.19 ppbv
RT: 8.08 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:130 Resp: 975906

Ion	Ratio	Lower	Upper
130	100		
95	115.9	90.7	136.1
132	97.0	75.6	113.4
97	73.4	59.4	89.0



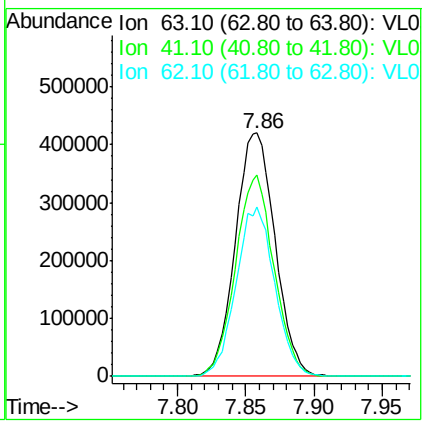


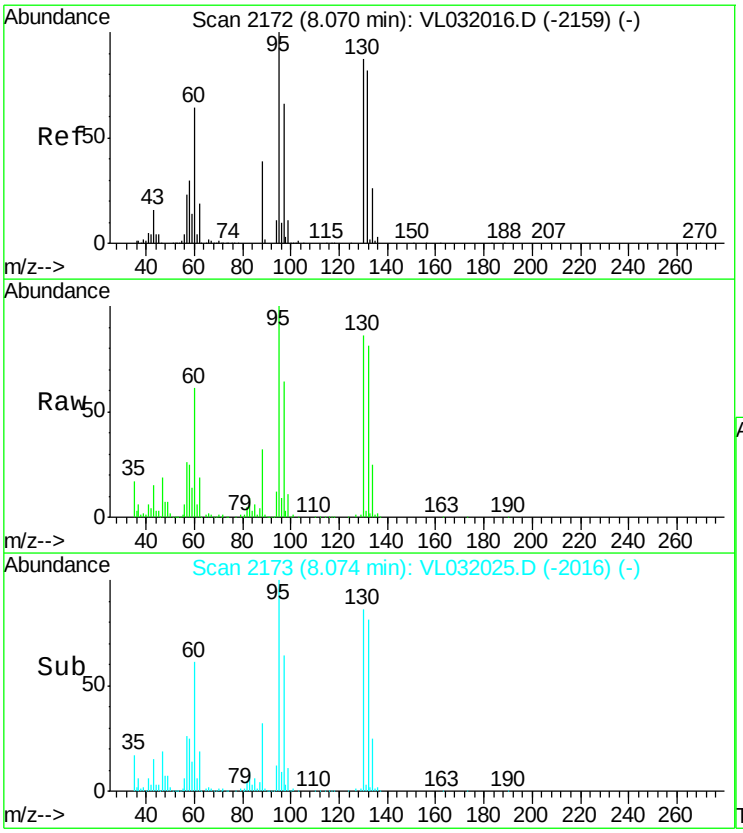
#39
1,2-Dichloropropane
Concen: 10.15 ppbv
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 63 Resp: 851211

Ion	Ratio	Lower	Upper
63	100		
41	82.4	64.0	96.0
62	69.4	57.6	86.4

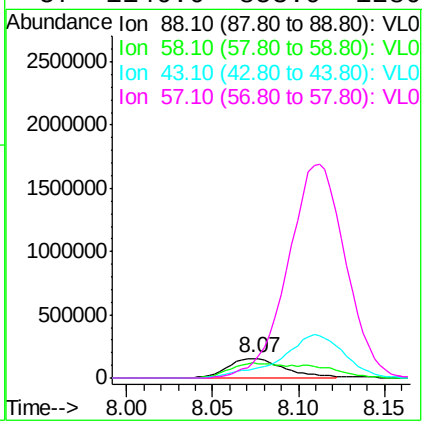


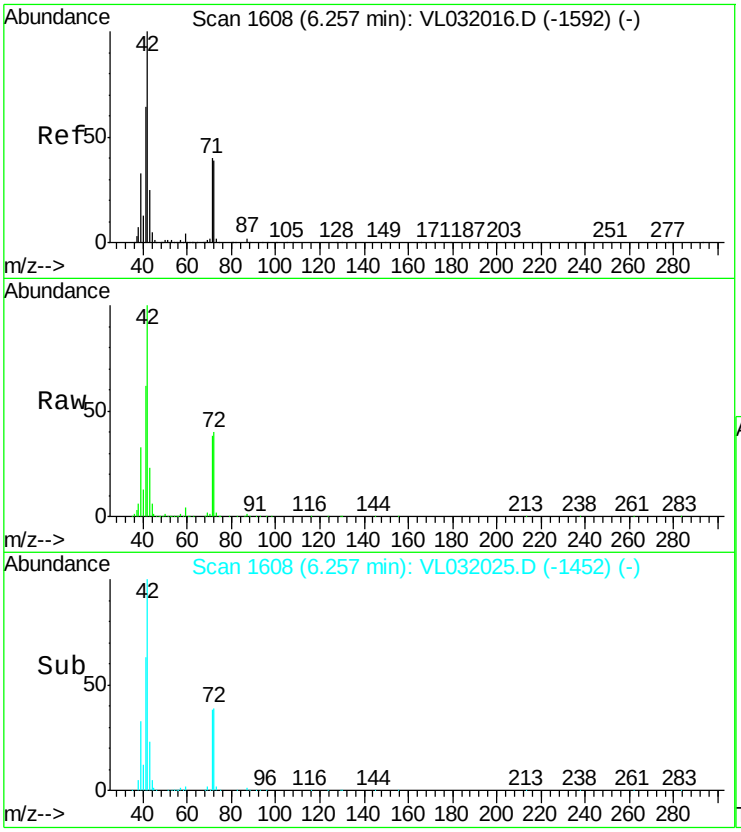


#40
1,4-Dioxane
Concen: 9.58 ppbv
RT: 8.07 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 88 Resp: 345299

Ion	Ratio	Lower	Upper
88	100		
58	129.0	100.5	150.7
43	255.1	193.8	290.6
57	1146.0	853.9	1280.9



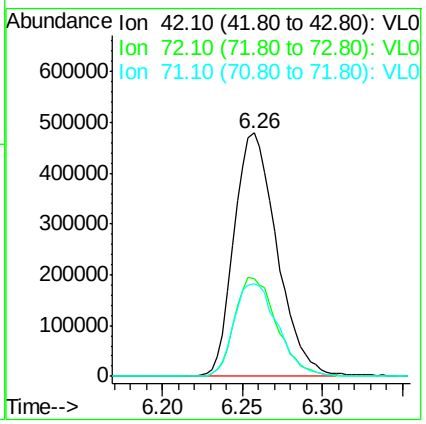


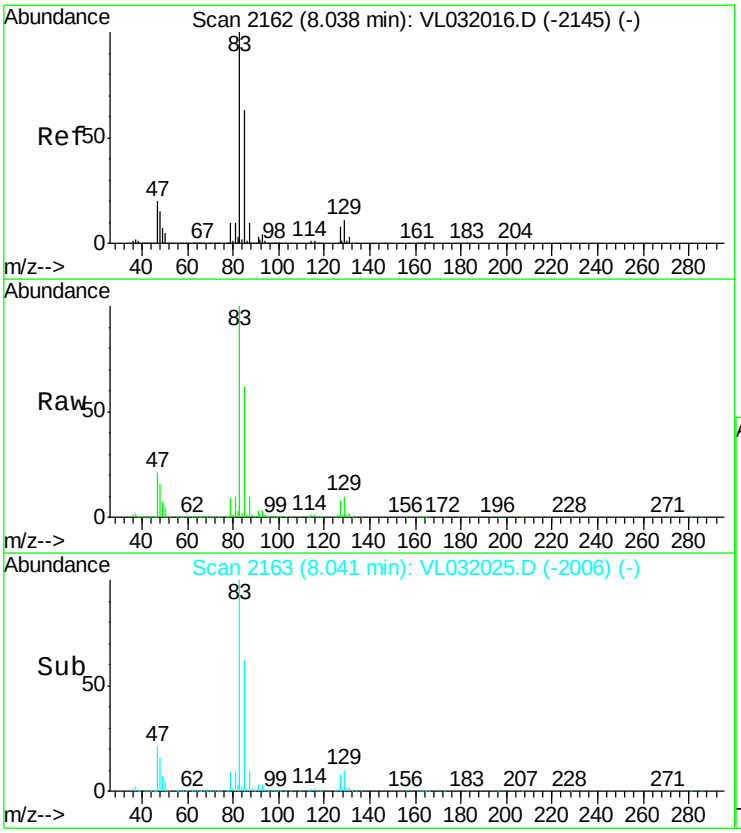
#41
Tetrahydrofuran
Concen: 10.02 ppbv
RT: 6.26 min Scan# 1608
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 42 Resp: 875357

Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.3	48.5
71	39.3	32.3	48.5

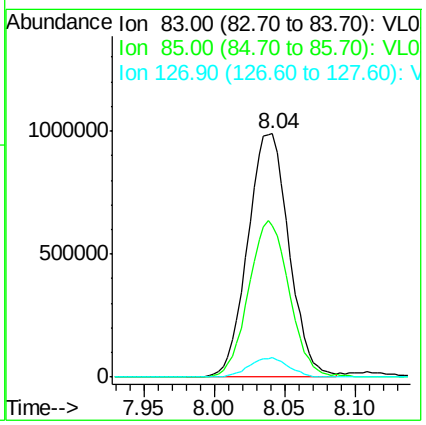


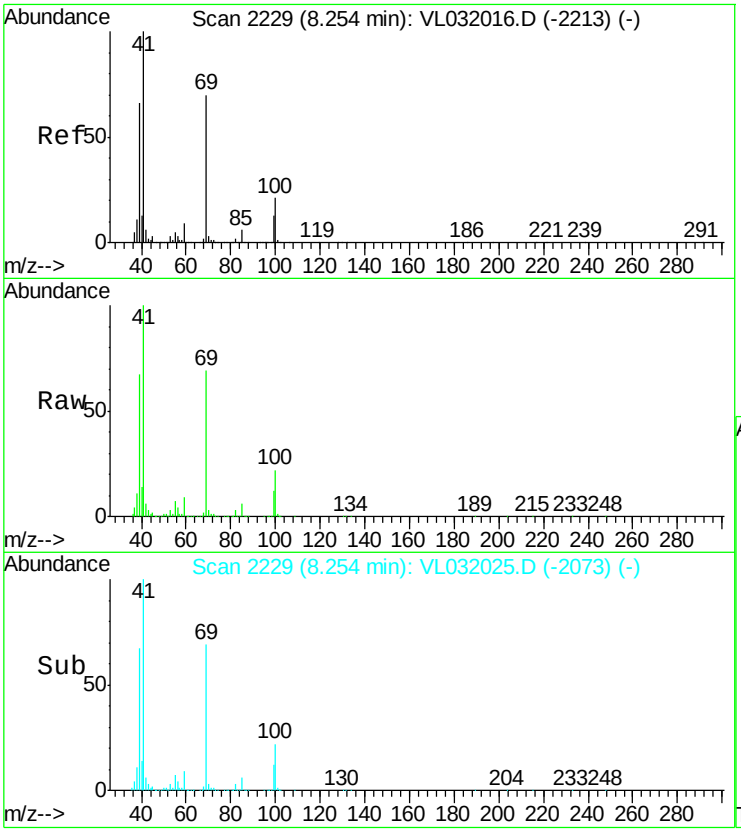


#42
Bromodichloromethane
Concen: 9.88 ppbv
RT: 8.04 min Scan# 2163
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 83 Resp: 2024360

Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.3	75.5
127	8.1	6.6	9.8



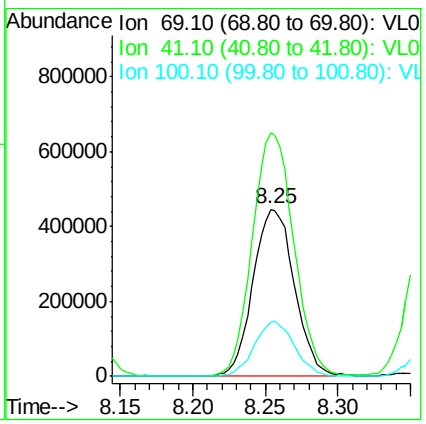


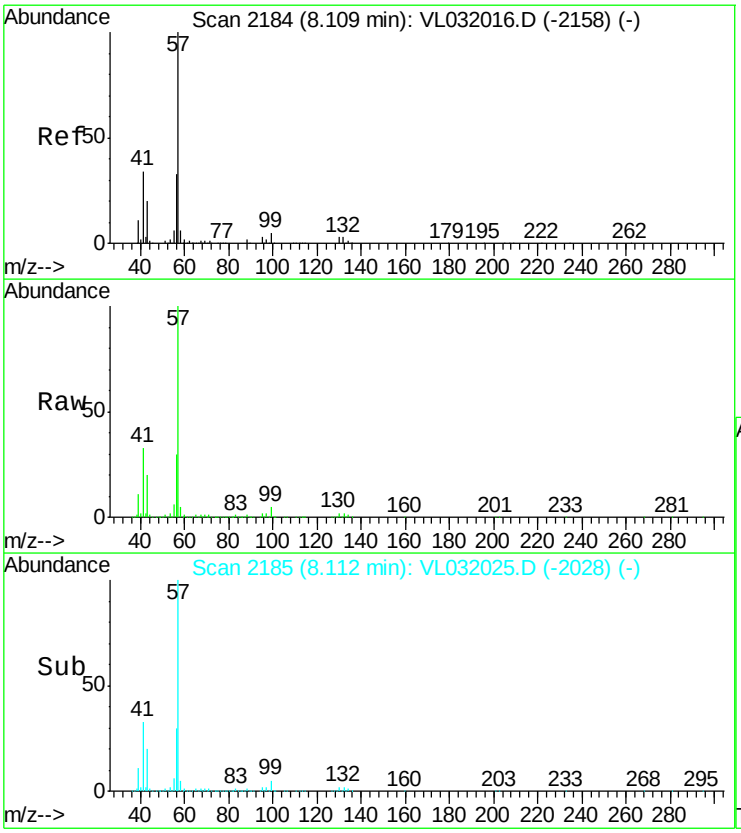
#43
Methyl Methacrylate
Concen: 11.17 ppbv
RT: 8.25 min Scan# 2229
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 69 Resp: 884405

Ion	Ratio	Lower	Upper
69	100		
41	146.6	115.5	173.3
100	32.0	25.4	38.0

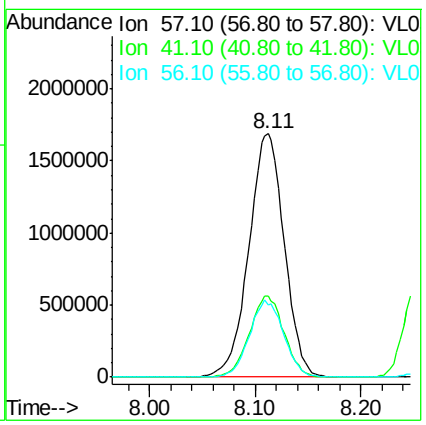


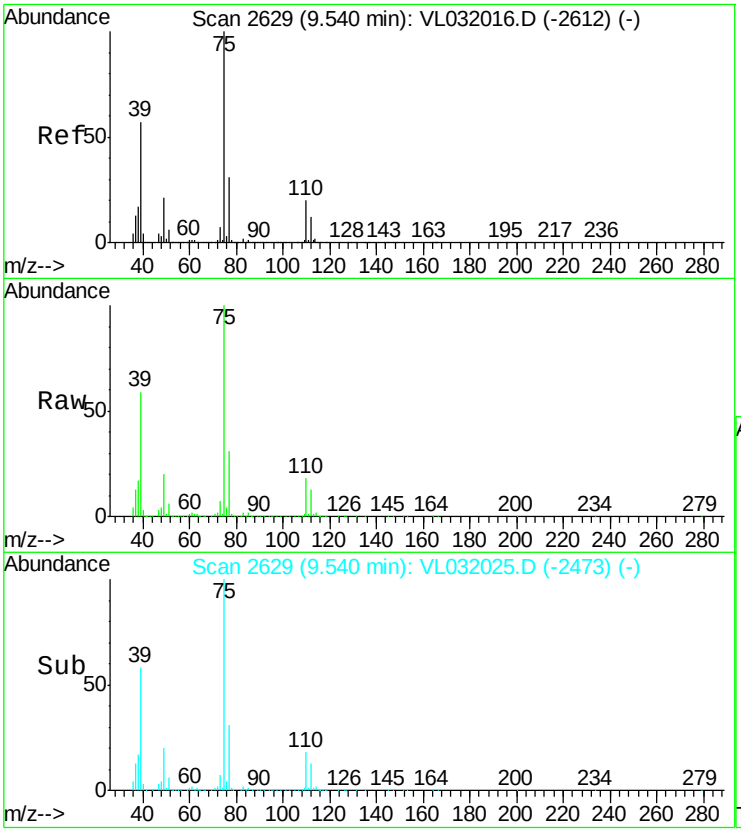


#44
2,2,4-Trimethylpentane
Concen: 10.15 ppbv
RT: 8.11 min Scan# 2185
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 57 Resp: 3953049

Ion	Ratio	Lower	Upper
57	100		
41	32.5	26.6	40.0
56	30.6	24.9	37.3



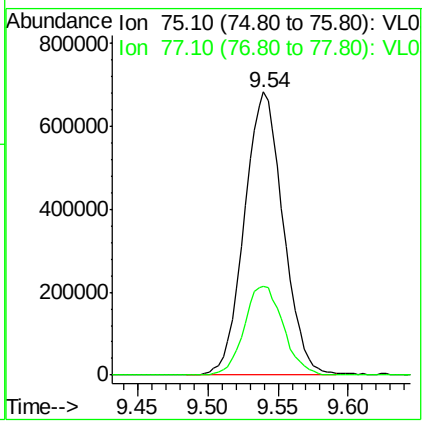


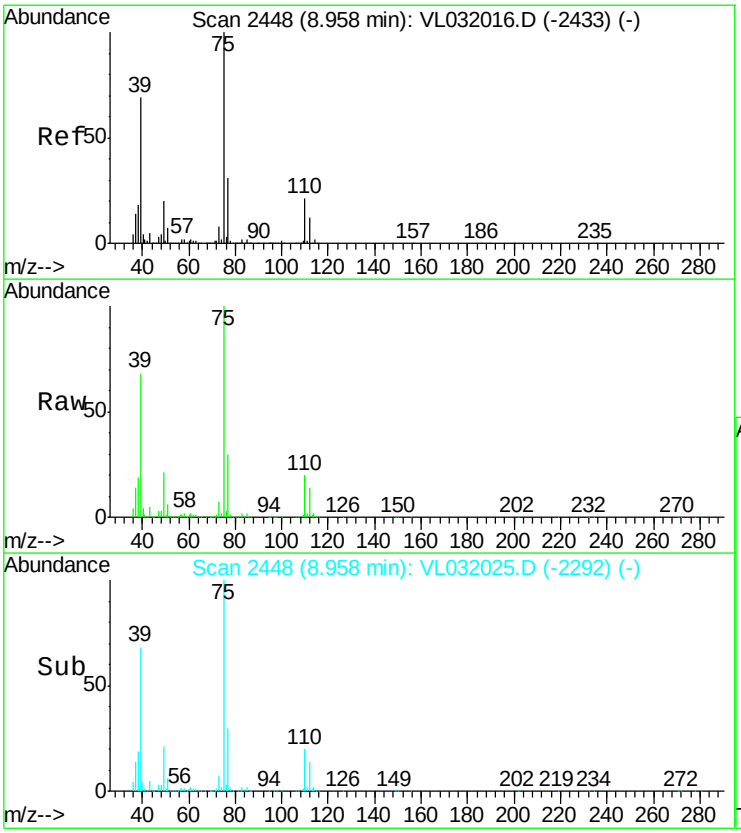
#45
t-1,3-Dichloropropene
Concen: 12.29 ppbv
RT: 9.54 min Scan# 2629
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 1315546

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

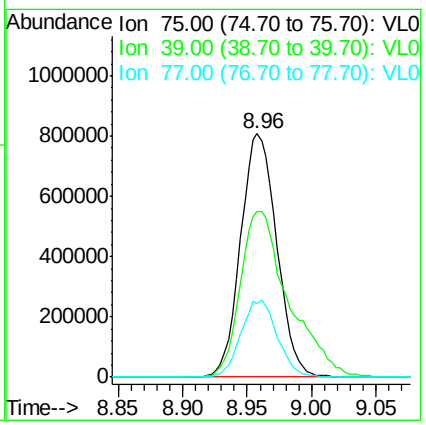


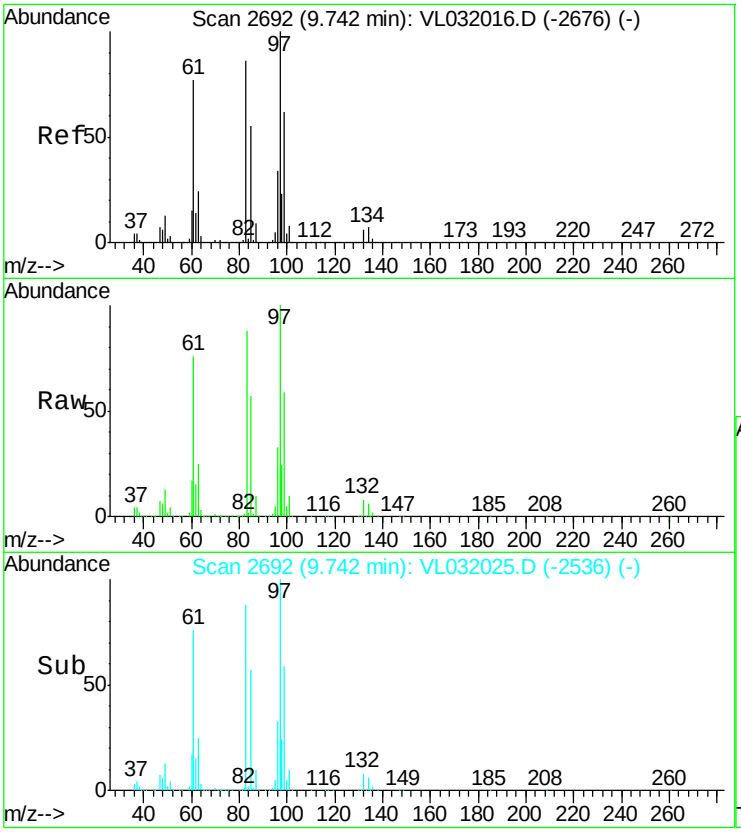


#46
cis-1,3-Dichloropropene
Concen: 11.62 ppbv
RT: 8.96 min Scan# 2448
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 75 Resp: 1580010

Ion	Ratio	Lower	Upper
75	100		
39	67.9	55.0	82.6
77	30.3	25.0	37.6



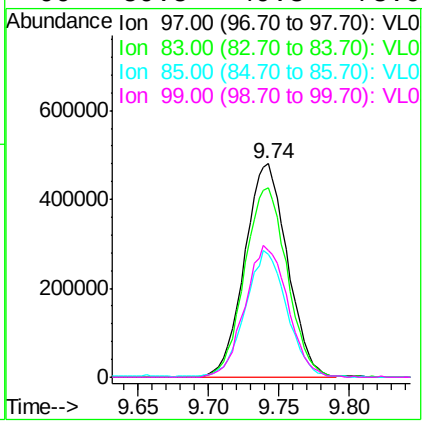


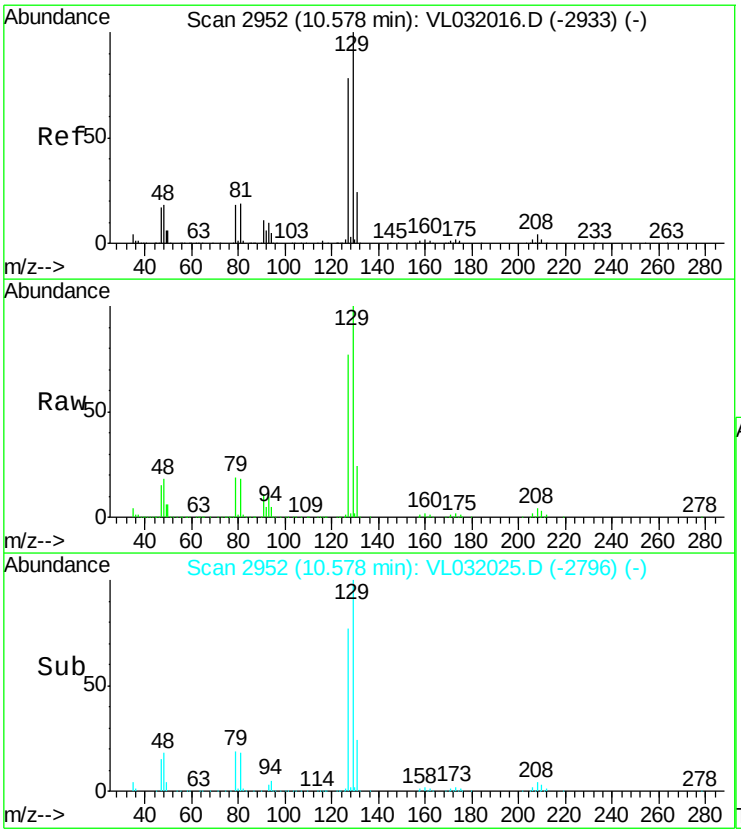
#47
1,1,2-Trichloroethane
Concen: 9.86 ppbv
RT: 9.74 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 1020491

Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.1	103.7
85	56.9	44.5	66.7
99	59.5	49.3	73.9

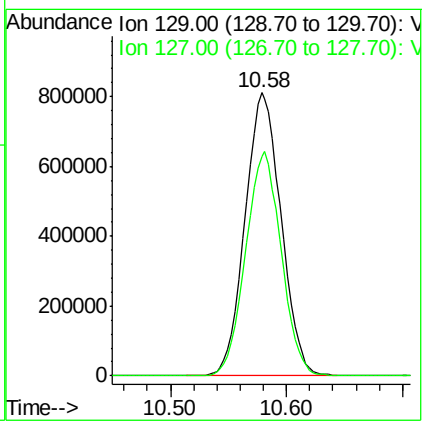


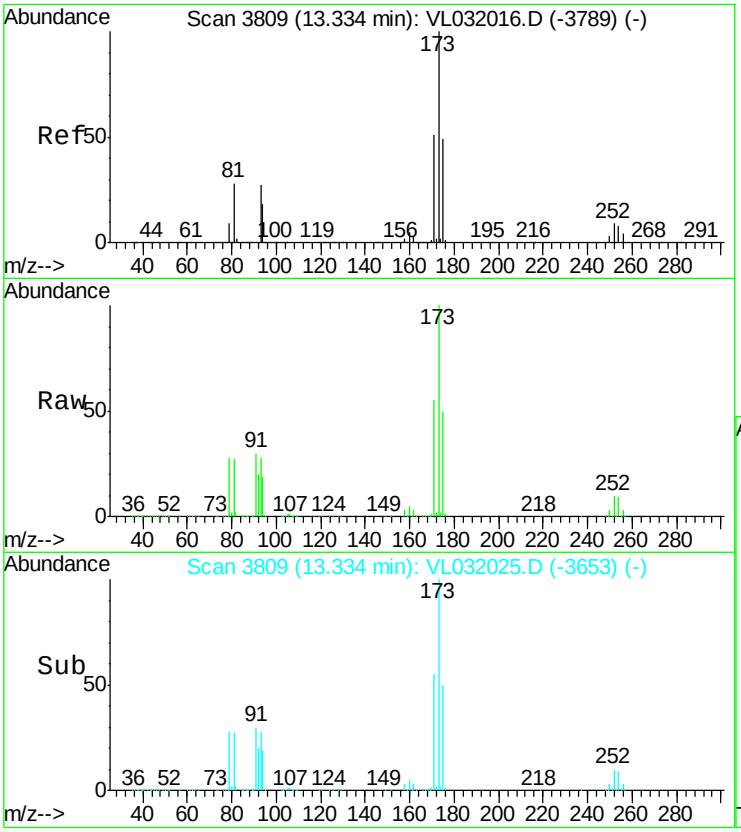


#48
Dibromochloromethane
Concen: 10.24 ppbv
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:129 Resp: 1755741

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.9



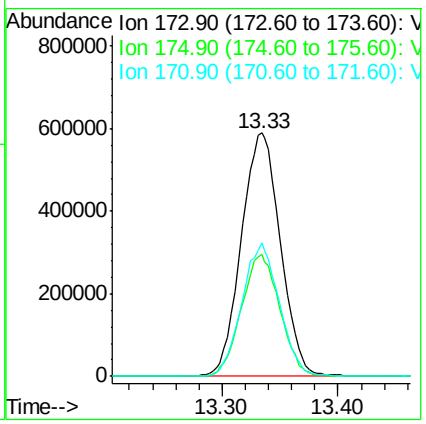


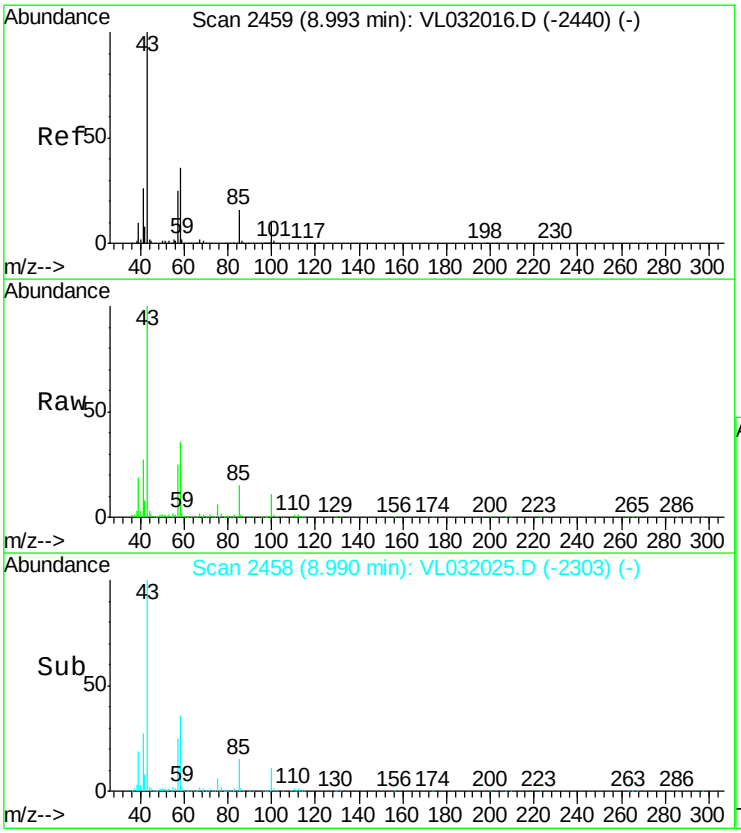
#49
Bromoform
Concen: 10.24 ppbv
RT: 13.33 min Scan# 3809
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:173 Resp: 1377654

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.8
171	52.6	41.7	62.5

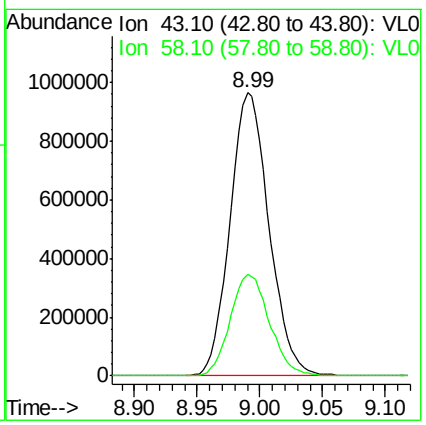


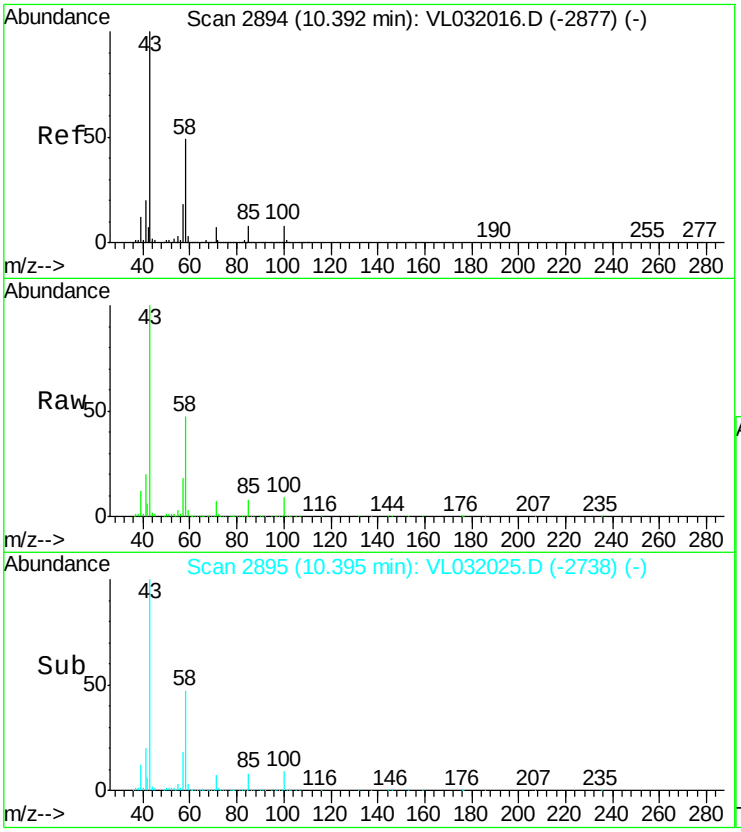


#50
4-Methyl-2-Pentanone
Concen: 10.53 ppbv
RT: 8.99 min Scan# 2458
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 43 Resp: 2081996

Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.1	43.7



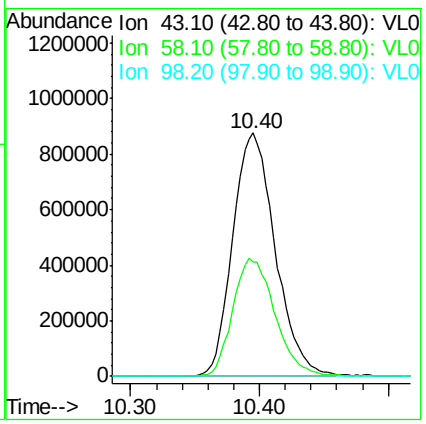


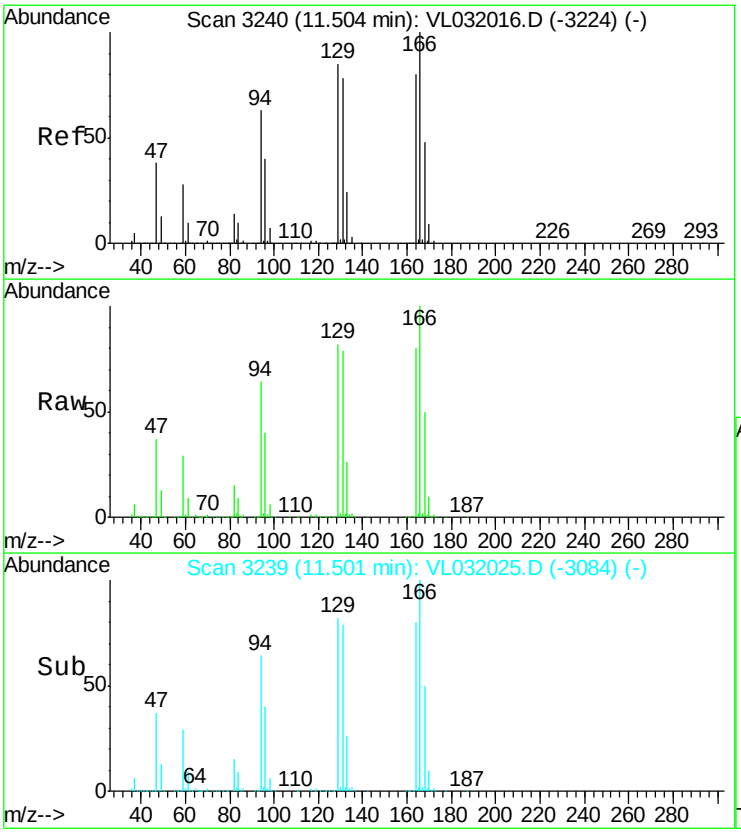
#51
2-Hexanone
Concen: 11.29 ppbv
RT: 10.40 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 43 Resp: 2004801

Ion	Ratio	Lower	Upper
43	100		
58	48.4	39.0	58.6
98	0.4	0.4	0.6

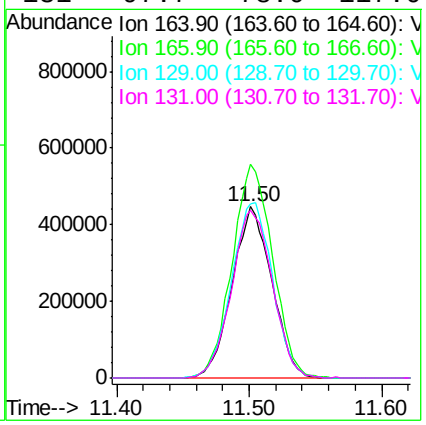


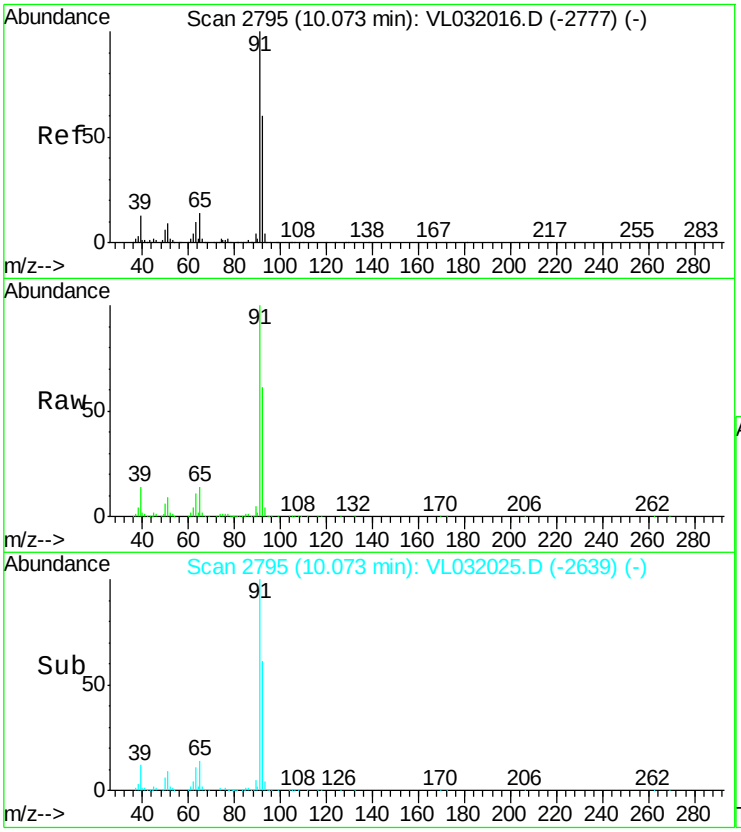


#52
Tetrachloroethene
Concen: 10.29 ppbv
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:164 Resp: 929018

Ion	Ratio	Lower	Upper
164	100		
166	124.5	100.2	150.2
129	101.8	85.4	128.0
131	97.7	78.0	117.0



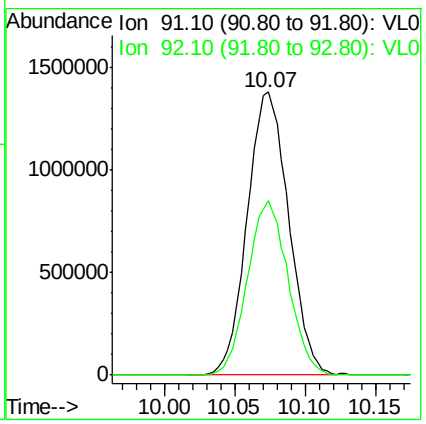


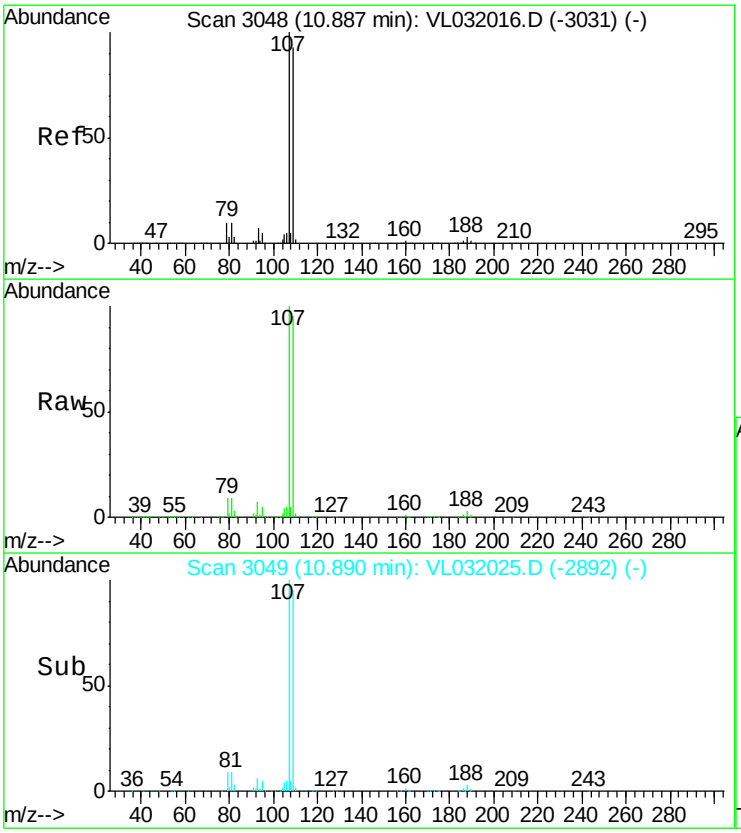
#53
Toluene
Concen: 11.17 ppbv
RT: 10.07 min Scan# 2795
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 91 Resp: 2841872

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.2

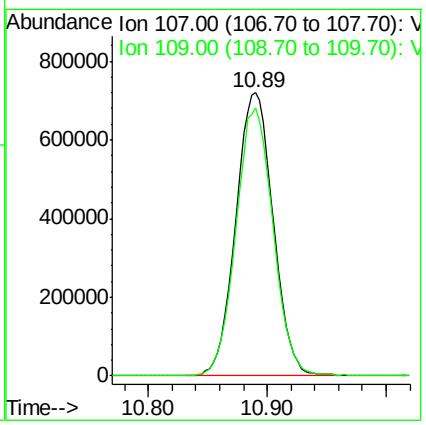


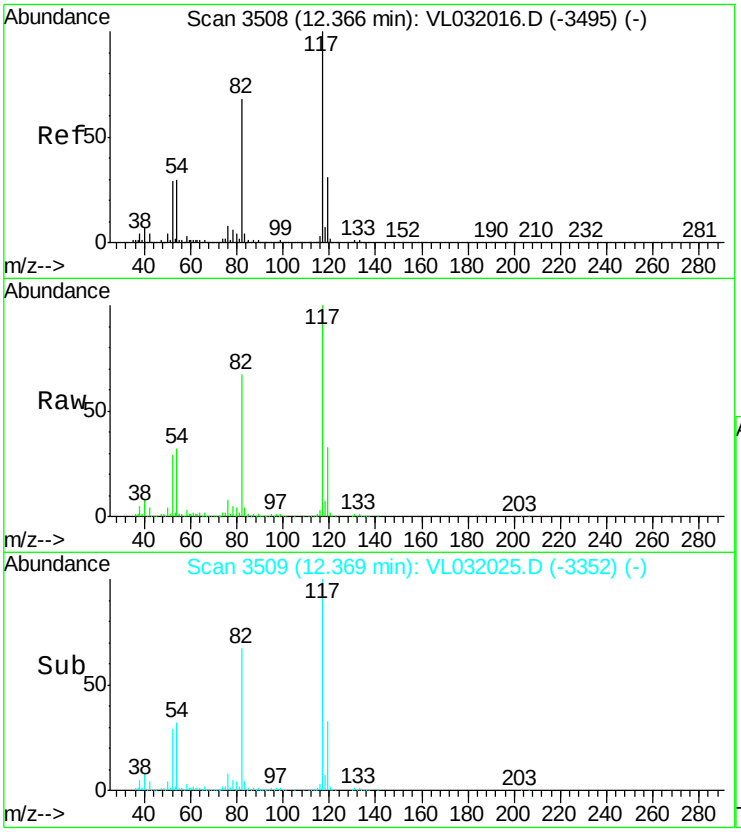


#54
1,2-Dibromoethane
Concen: 10.32 ppbv
RT: 10.89 min Scan# 3049
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:107 Resp: 1564417

Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.6	111.8



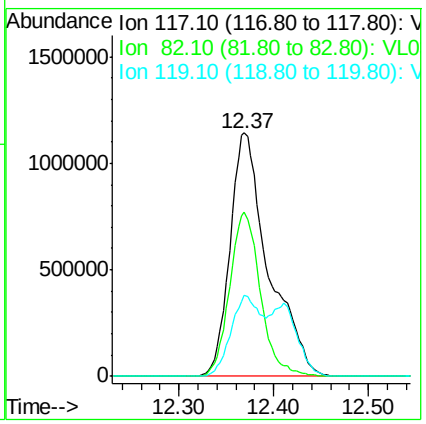


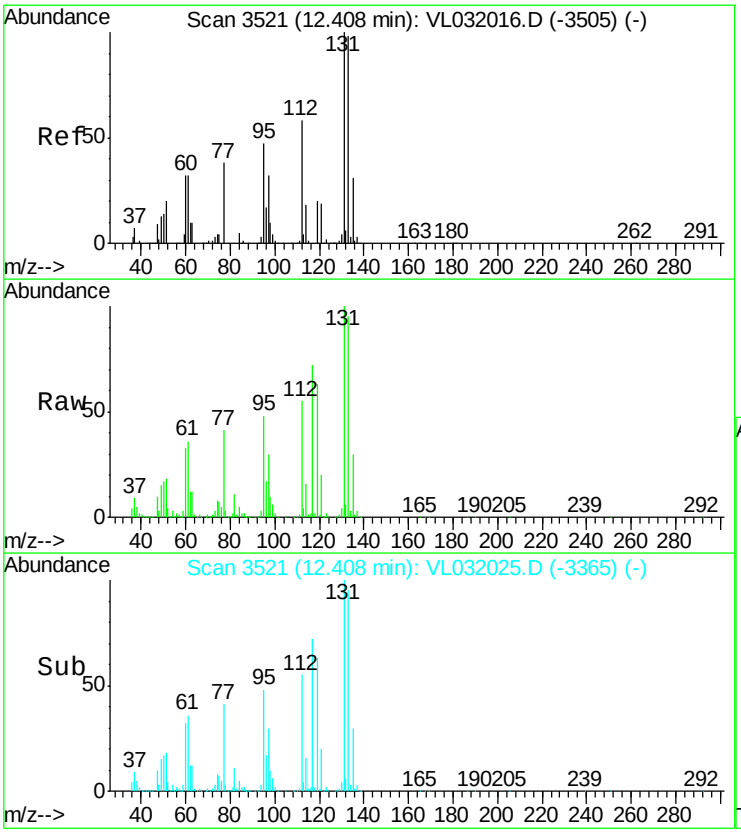
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3509
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:117 Resp: 3230317

Ion	Ratio	Lower	Upper
117	100		
82	54.0	52.7	79.1
119	26.2	25.5	38.3

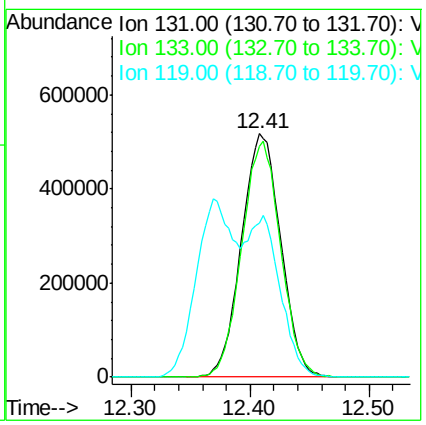


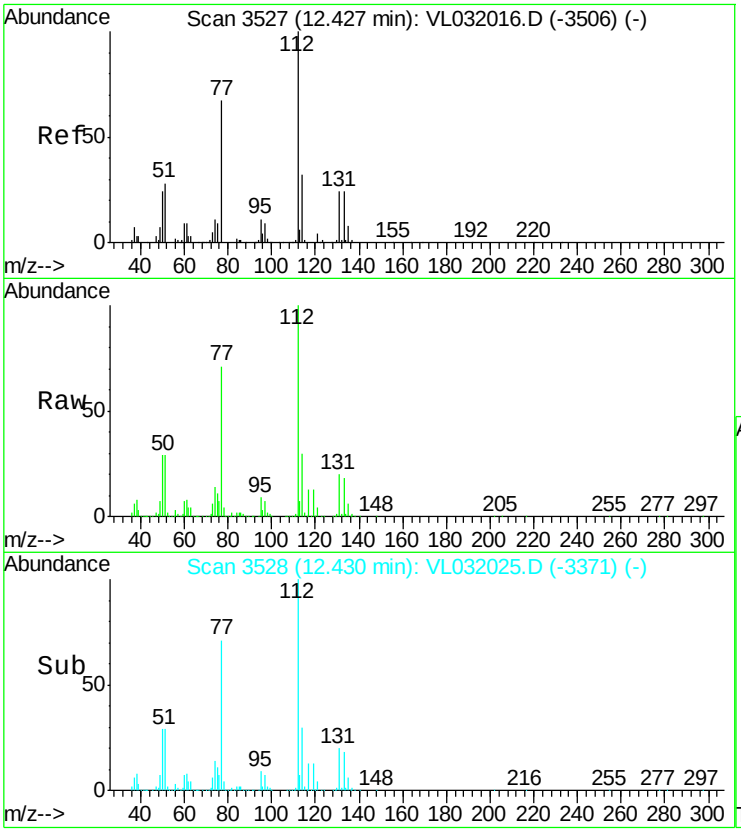


#56
1,1,1,2-Tetrachloroethane
Concen: 7.59 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:131 Resp: 1183033

Ion	Ratio	Lower	Upper
131	100		
133	95.9	76.7	115.1
119	57.5	49.2	73.8



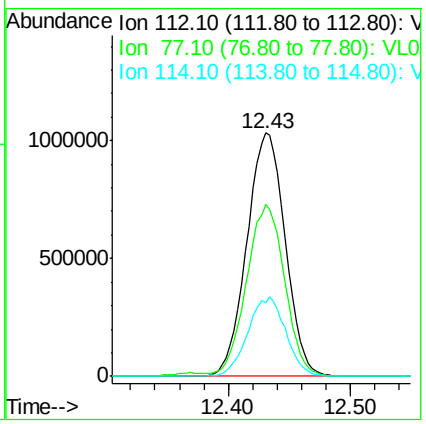


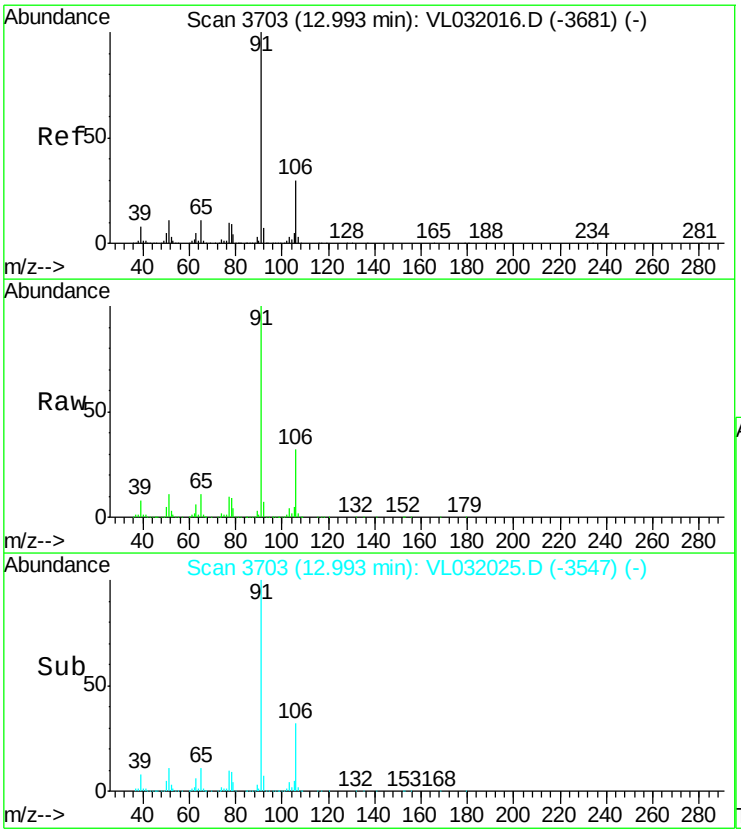
#57
Chlorobenzene
Concen: 7.61 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:112 Resp: 2246084

Ion	Ratio	Lower	Upper
112	100		
77	70.4	54.3	81.5
114	30.3	28.6	35.0

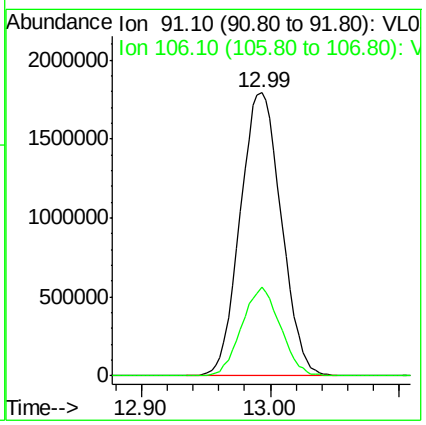


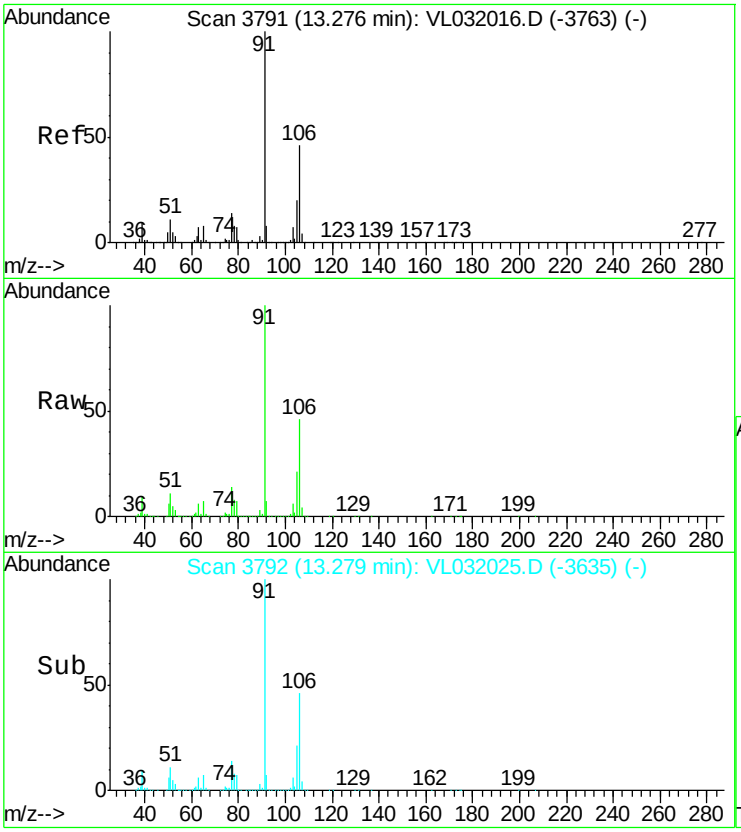


#58
Ethyl Benzene
Concen: 8.75 ppbv
RT: 12.99 min Scan# 3703
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 91 Resp: 3971682

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.2	36.2



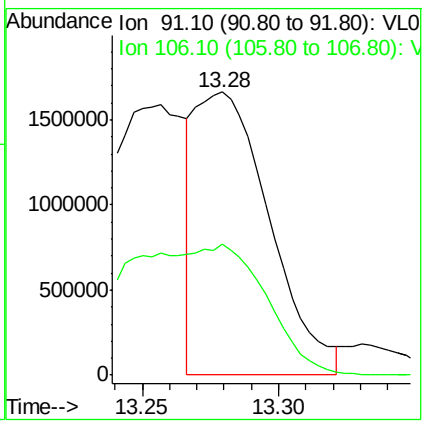


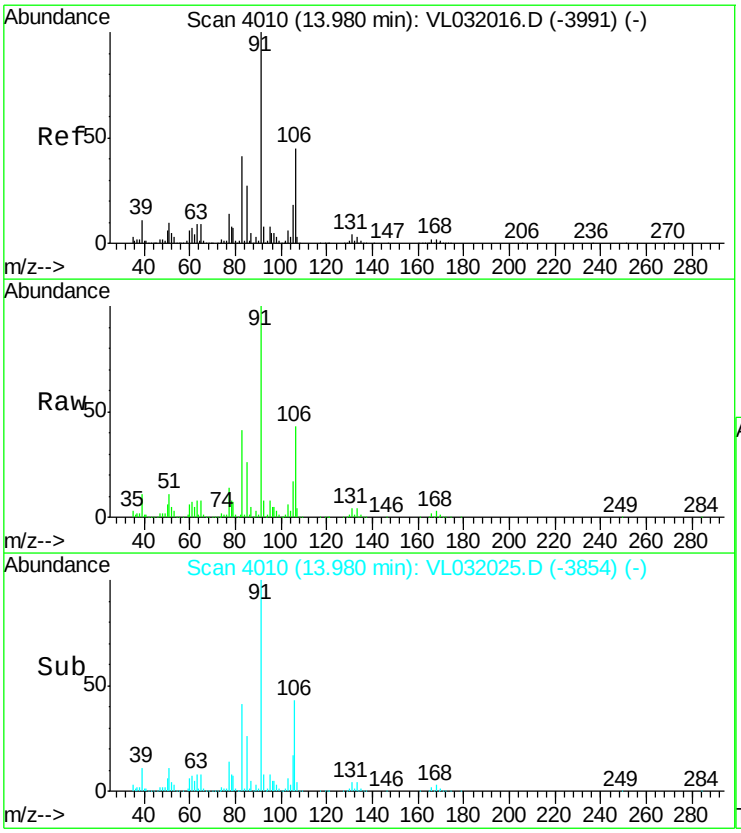
#59
m/p-Xylene
Concen: 7.86 ppbv
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 91 Resp: 3130905

Ion	Ratio	Lower	Upper
91	100		
106	94.0	35.7	53.5#

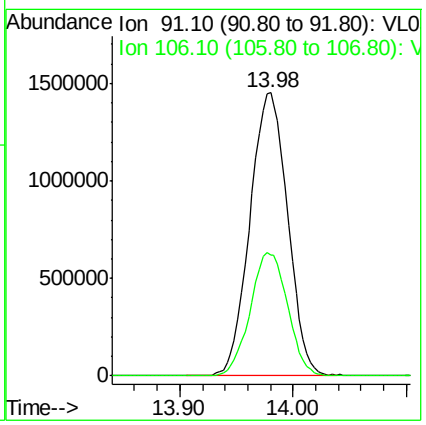


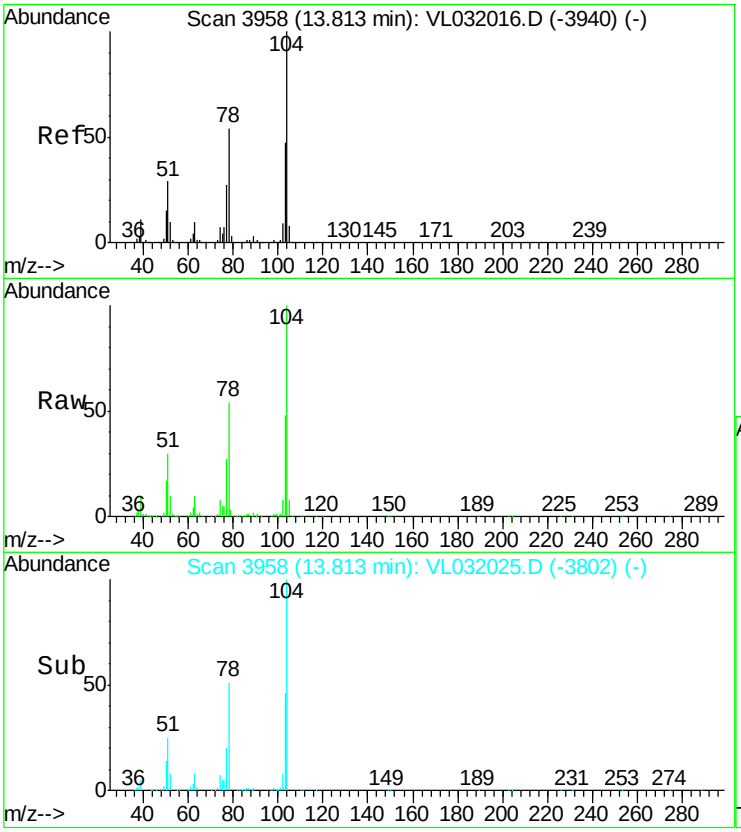


#60
o-Xylene
Concen: 8.40 ppbv
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 91 Resp: 3352598

Ion	Ratio	Lower	Upper
91	100		
106	43.2	21.9	65.5



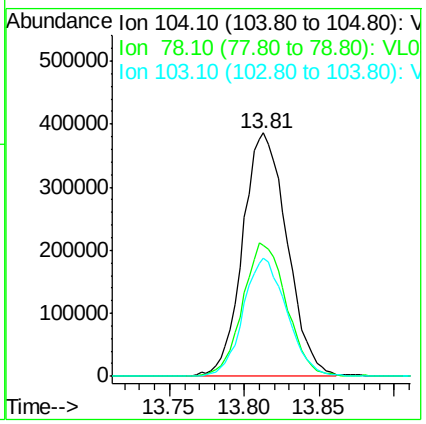


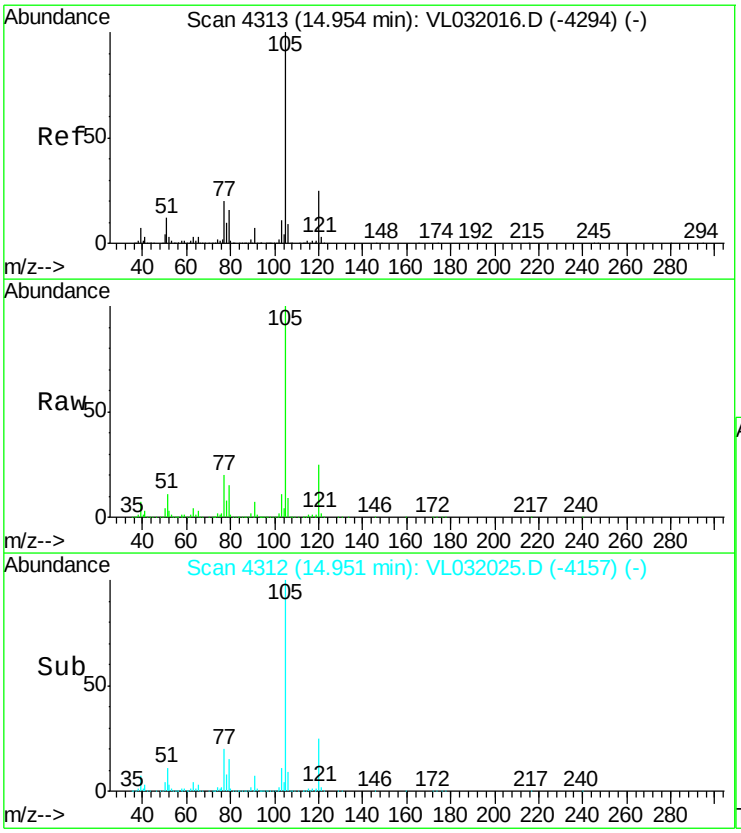
#61
Styrene
Concen: 10.31 ppbv
RT: 13.81 min Scan# 3958
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:104 Resp: 795973

Ion	Ratio	Lower	Upper
104	100		
78	54.3	43.0	64.4
103	47.9	37.4	56.2

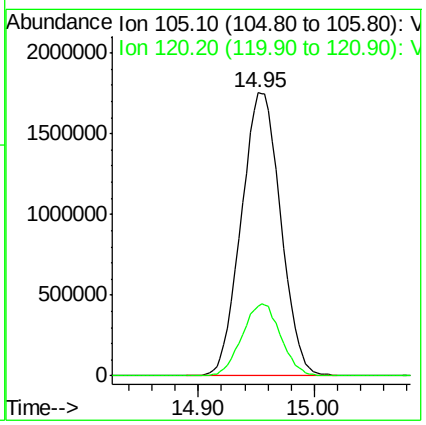


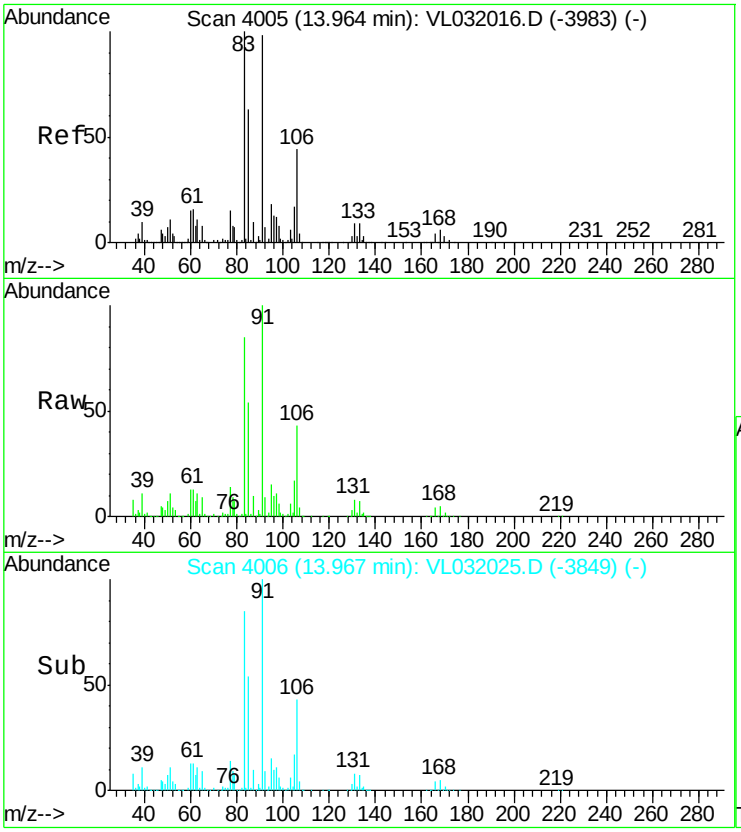


#62
Isopropylbenzene
Concen: 8.14 ppbv
RT: 14.95 min Scan# 4312
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:105 Resp: 4148157

Ion	Ratio	Lower	Upper
105	100		
120	24.9	19.8	29.8



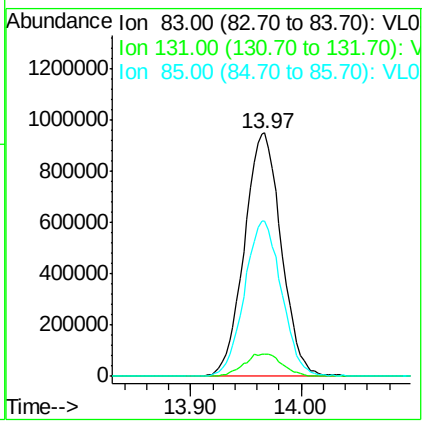


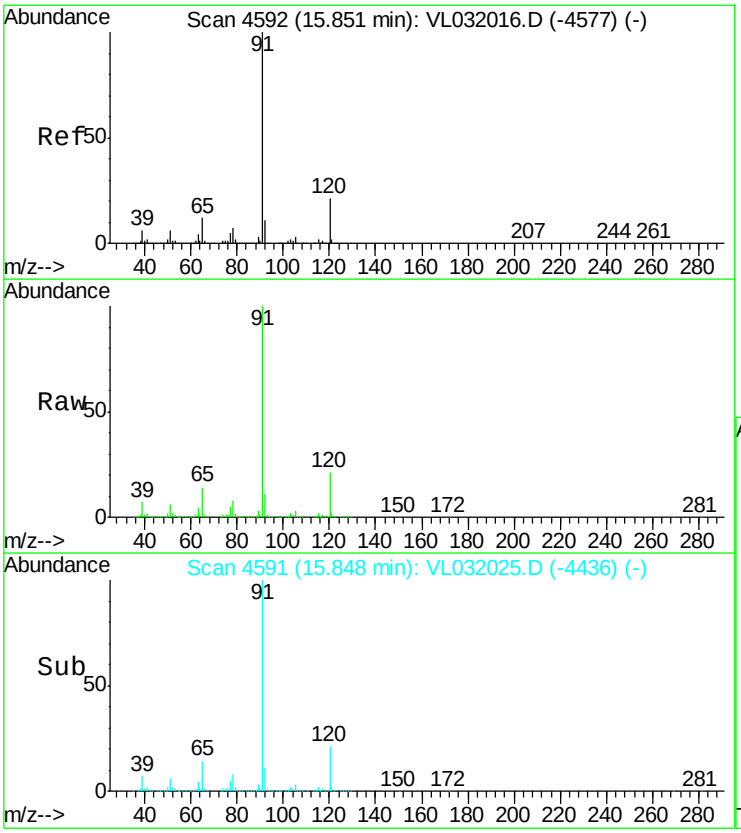
#63
1,1,2,2-Tetrachloroethane
Concen: 7.11 ppbv
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2200651

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.0
85	64.6	32.2	96.6

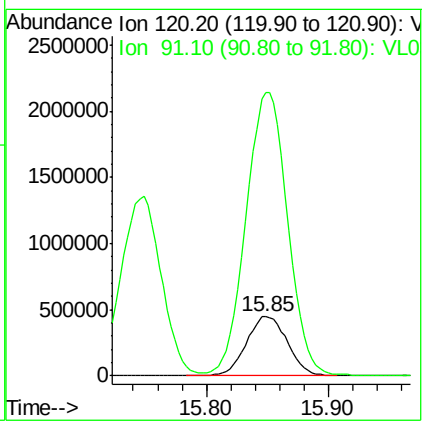


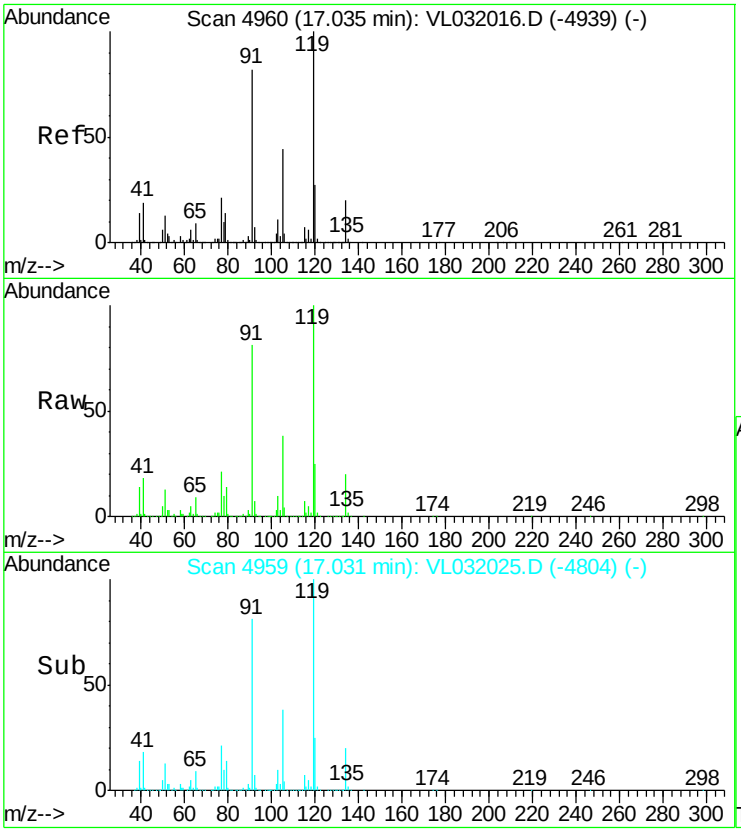


#64
n-propylbenzene
Concen: 8.19 ppbv
RT: 15.85 min Scan# 4591
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:120 Resp: 1041167

Ion	Ratio	Lower	Upper
120	100		
91	485.5	391.1	586.7



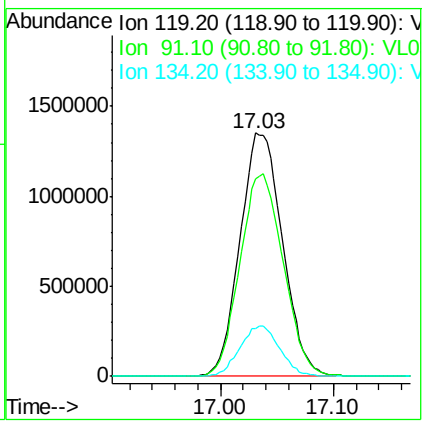


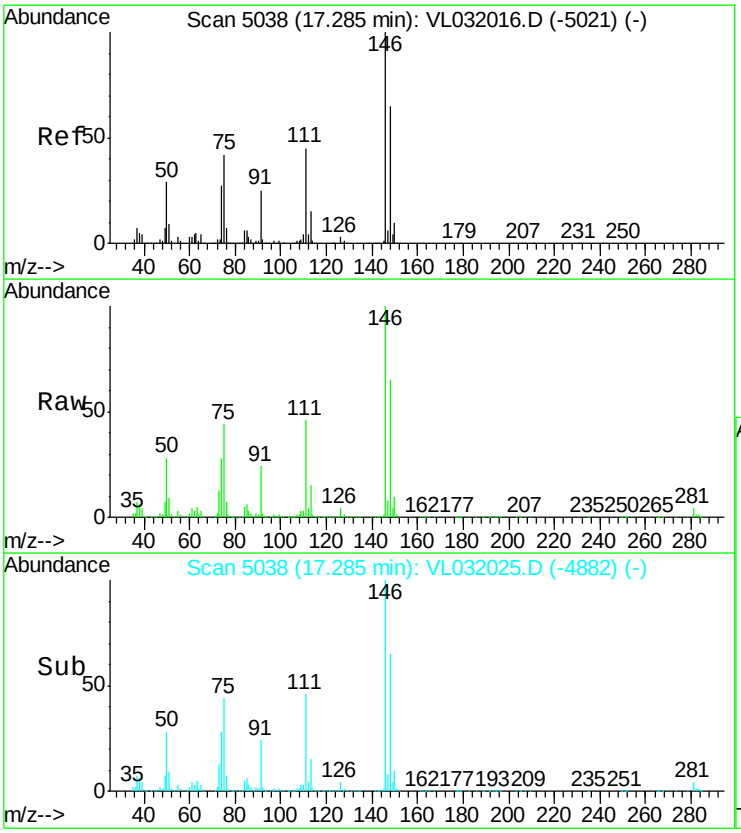
#65
tert-Butylbenzene
Concen: 7.94 ppbv
RT: 17.03 min Scan# 4959
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 3533237

Ion	Ratio	Lower	Upper
119	100		
91	85.0	68.2	102.4
134	19.4	15.6	23.4

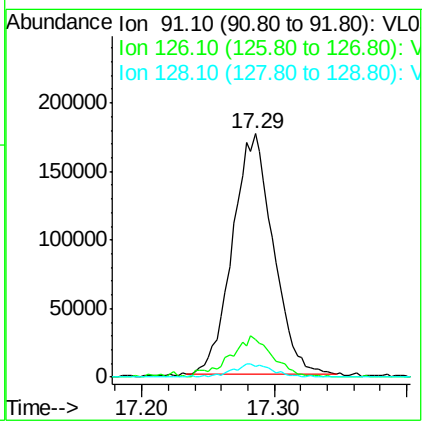


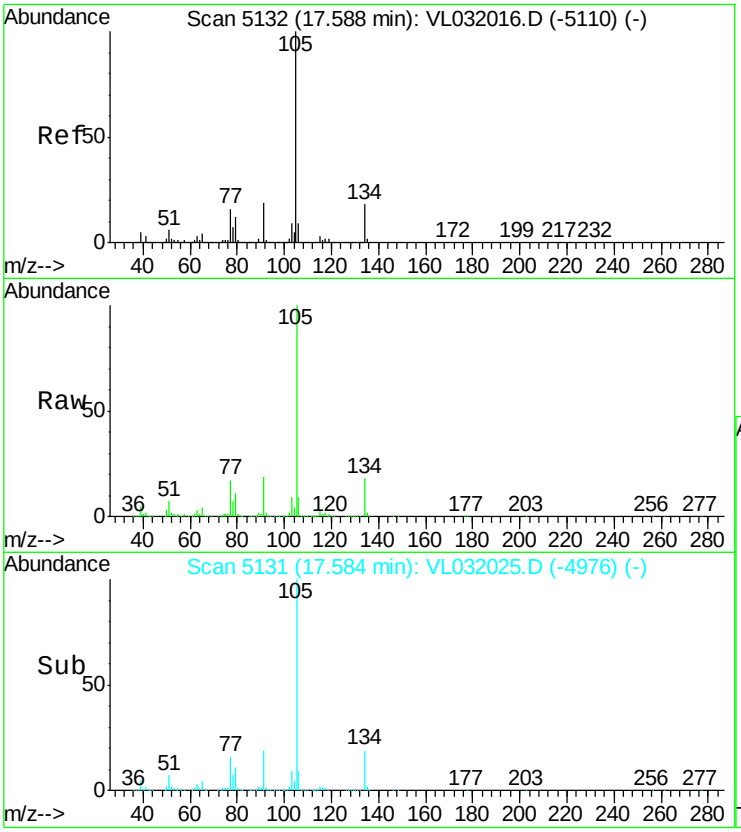


#66
Benzyl Chloride
Concen: 7.55 ppbv
RT: 17.29 min Scan# 5038
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 91 Resp: 373276

Ion	Ratio	Lower	Upper
91	100		
126	18.9	14.2	21.2
128	5.7	4.5	6.7



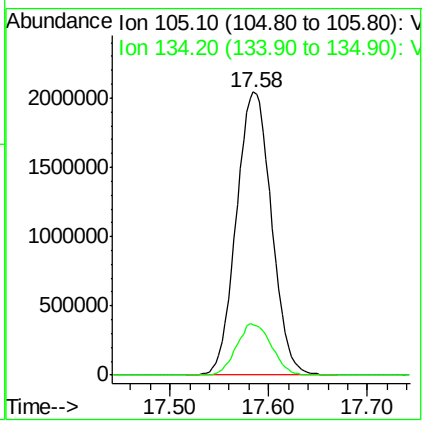


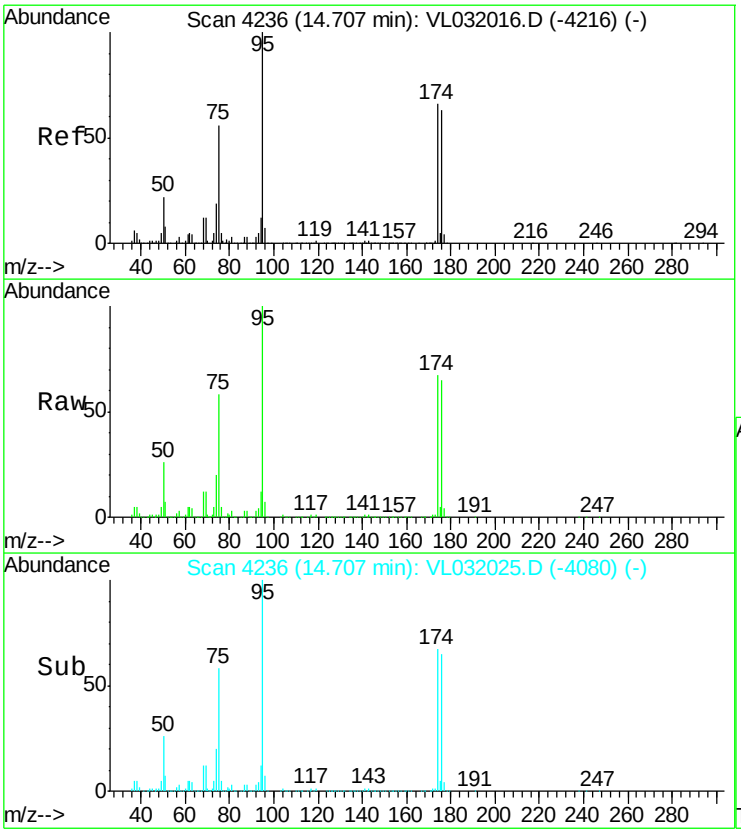
#67
sec-Butylbenzene
Concen: 7.80 ppbv
RT: 17.58 min Scan# 5131
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 5040141

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.4	21.6

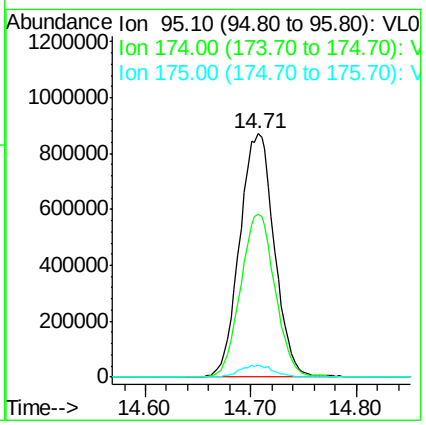


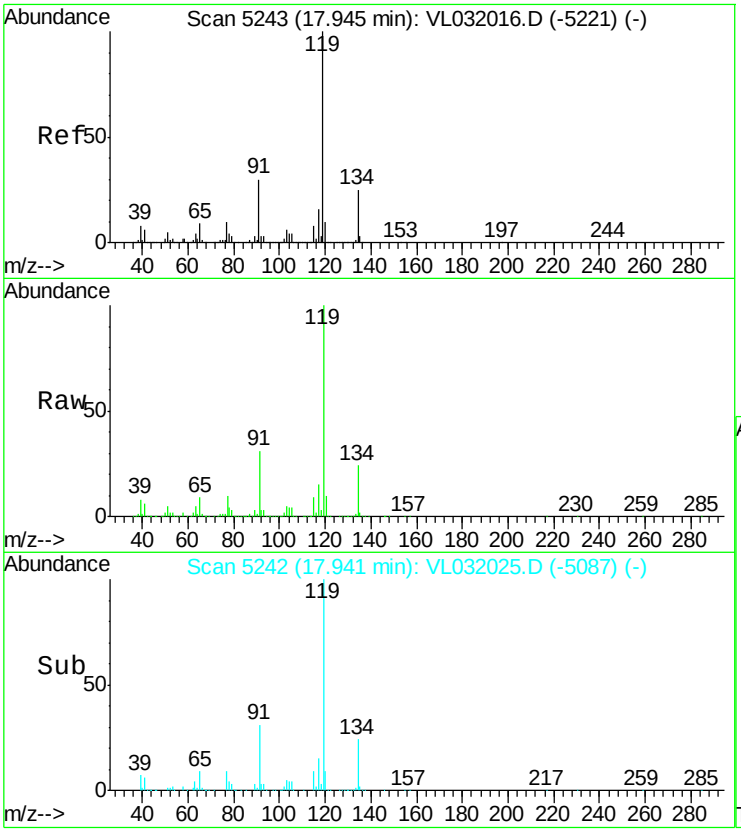


#68
1-Bromo-4-Fluorobenzene
Concen: 7.99 ppbv
RT: 14.71 min Scan# 4236
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 95 Resp: 1992787

Ion	Ratio	Lower	Upper
95	100		
174	66.8	53.2	79.8
175	4.8	3.7	5.5



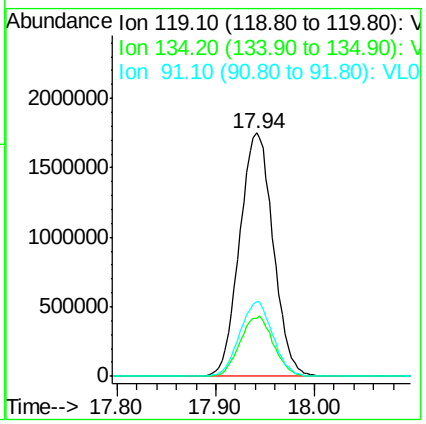


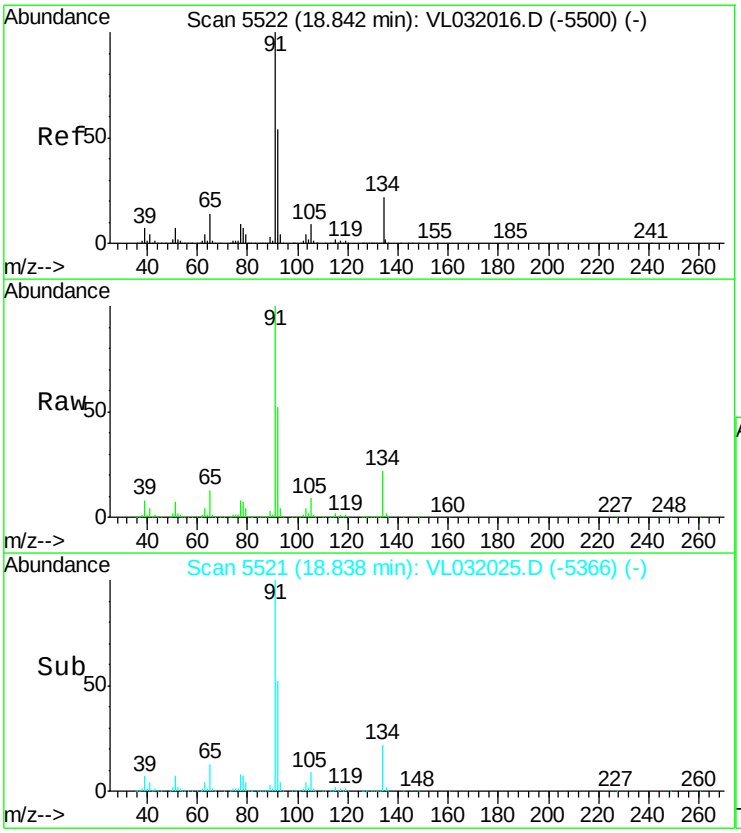
#69
p-Isopropyltoluene
Concen: 8.22 ppbv
RT: 17.94 min Scan# 5242
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 4114149

Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.9	29.9
91	30.5	24.1	36.1

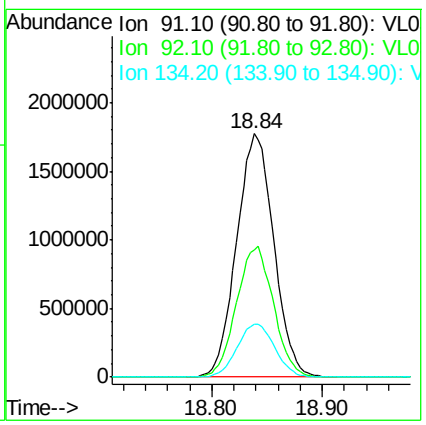


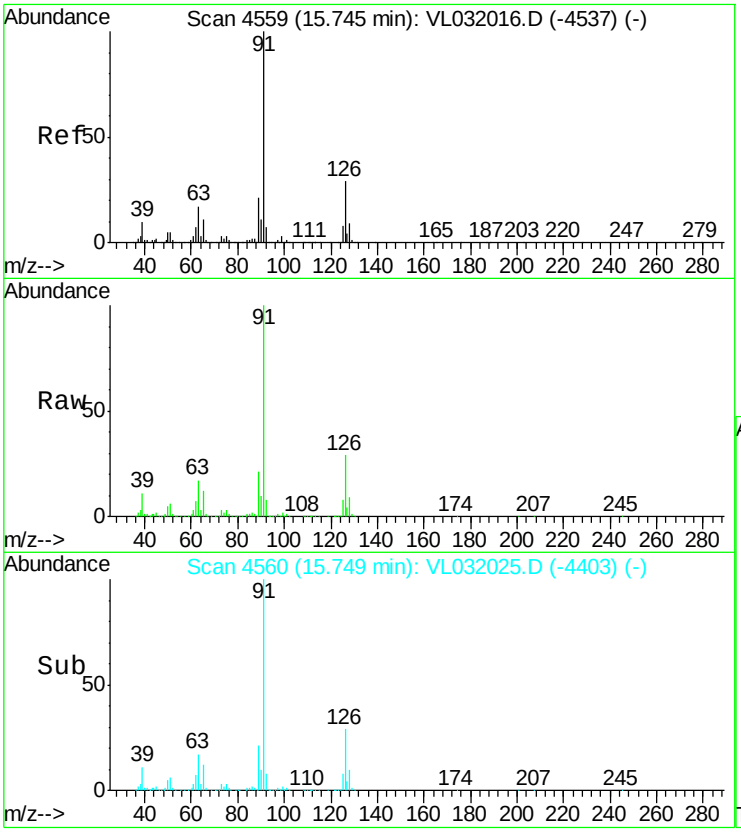


#70
n-Butylbenzene
Concen: 8.03 ppbv
RT: 18.84 min Scan# 5521
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion: 91 Resp: 4139348

Ion	Ratio	Lower	Upper
91	100		
92	53.4	42.5	63.7
134	22.0	17.4	26.2



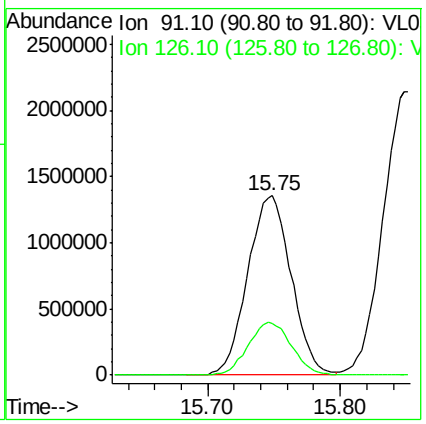


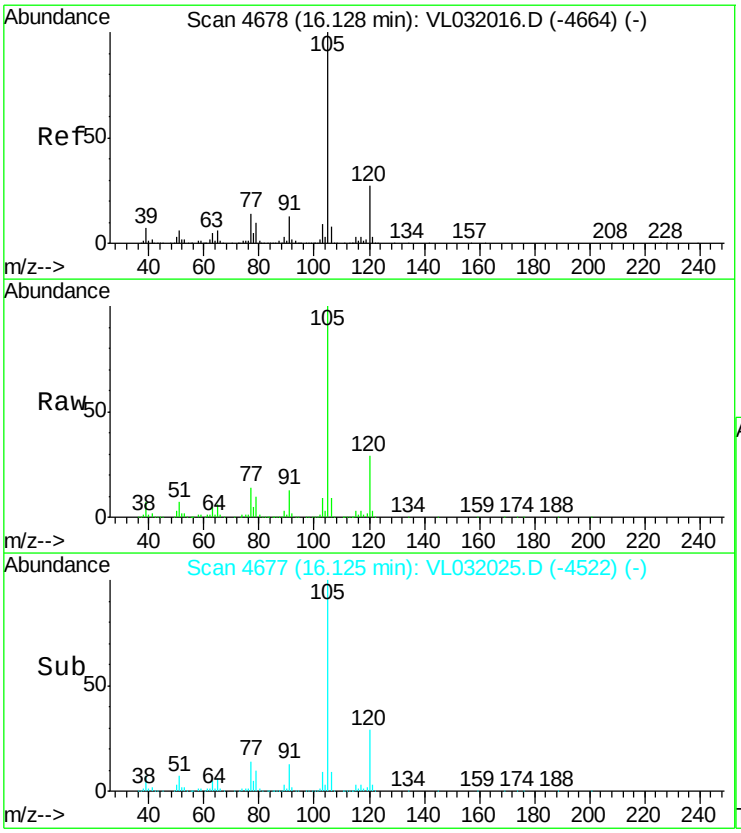
#71
2-Chlorotoluene
Concen: 8.27 ppbv
RT: 15.75 min Scan# 4560
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 91 Resp: 3093952

Ion	Ratio	Lower	Upper
91	100		
126	29.5	11.7	46.7

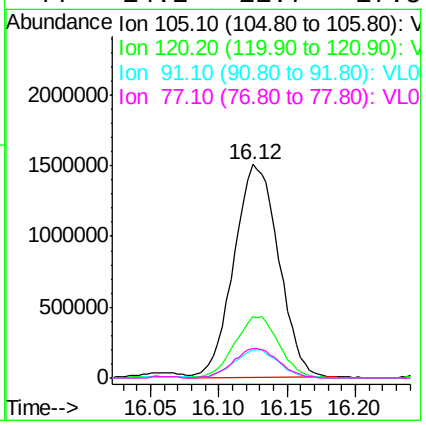


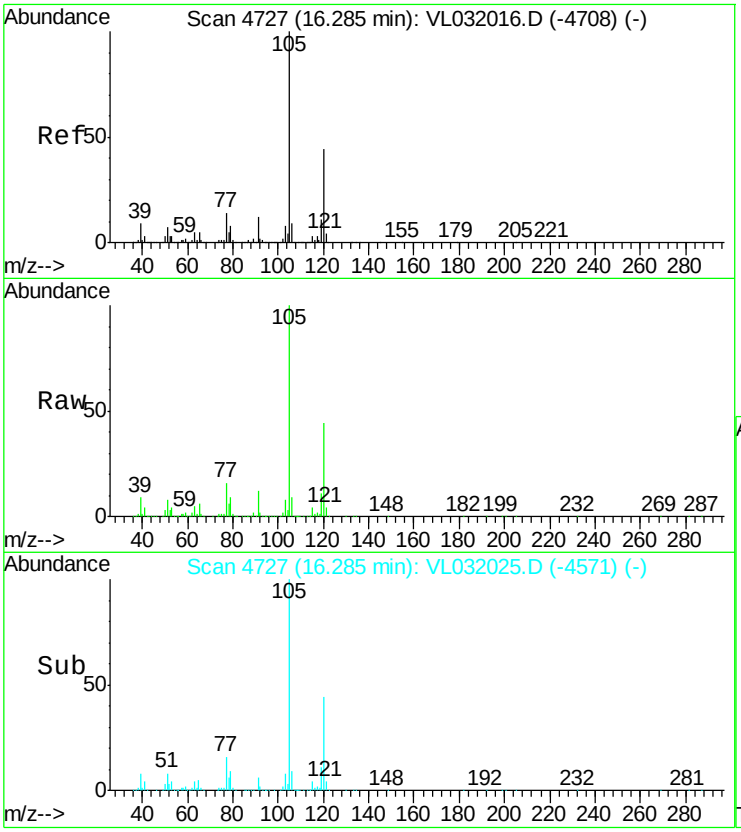


#72
4-Ethyltoluene
Concen: 8.61 ppbv
RT: 16.12 min Scan# 4677
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:105 Resp: 3418876

Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.4	35.0
91	13.1	10.7	16.1
77	14.2	11.7	17.5



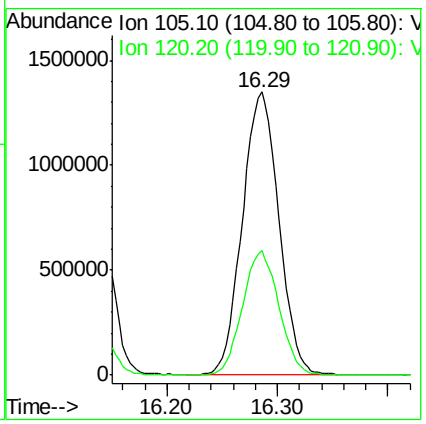


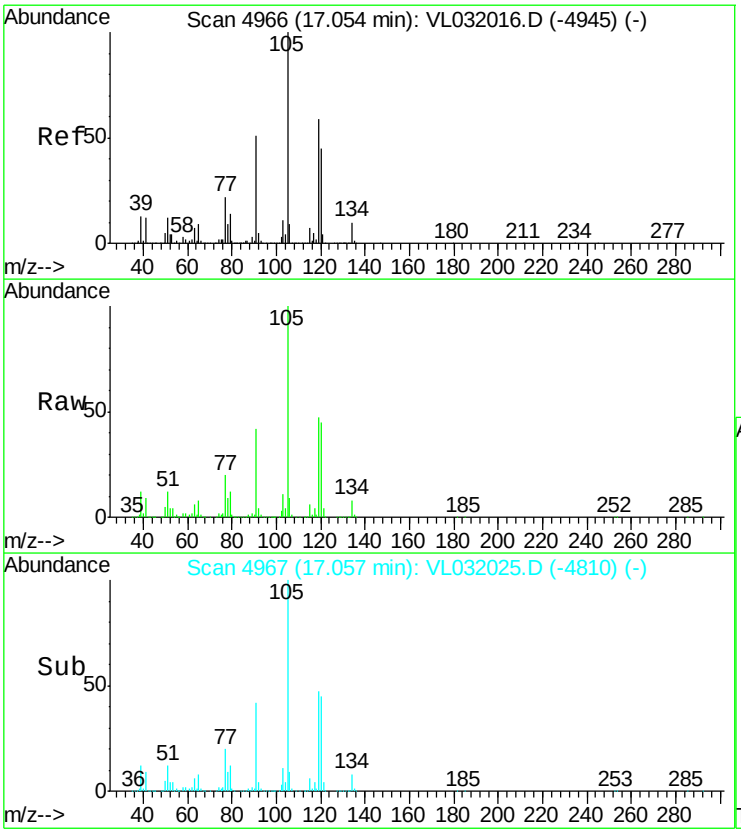
#73
1,3,5-Trimethylbenzene
Concen: 8.41 ppbv
RT: 16.29 min Scan# 4727
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 3083156

Ion	Ratio	Lower	Upper
105	100		
120	44.2	35.0	52.4

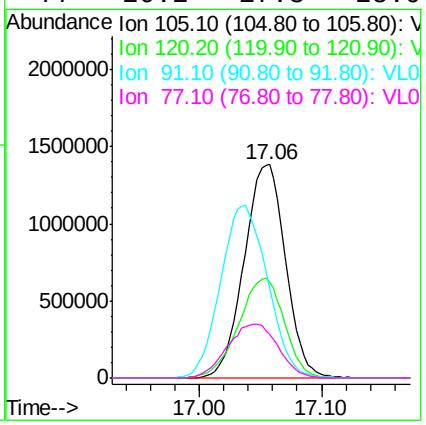


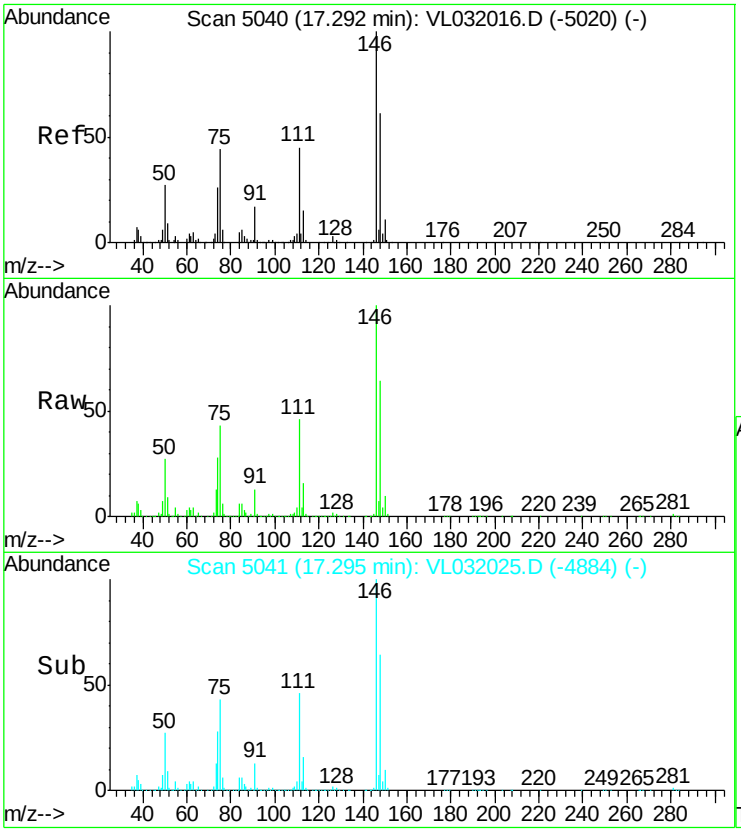


#74
1,2,4-Trimethylbenzene
Concen: 7.85 ppbv
RT: 17.06 min Scan# 4967
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:105 Resp: 3242985

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.0	54.0
91	41.9	41.4	62.0
77	20.2	17.3	25.9



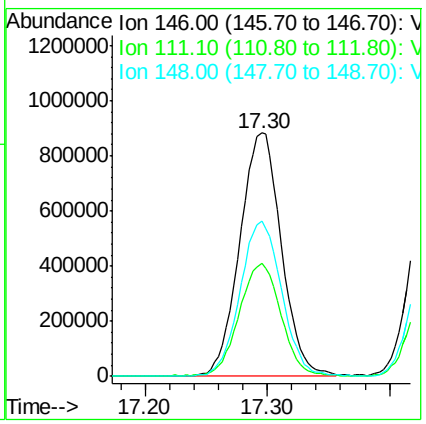


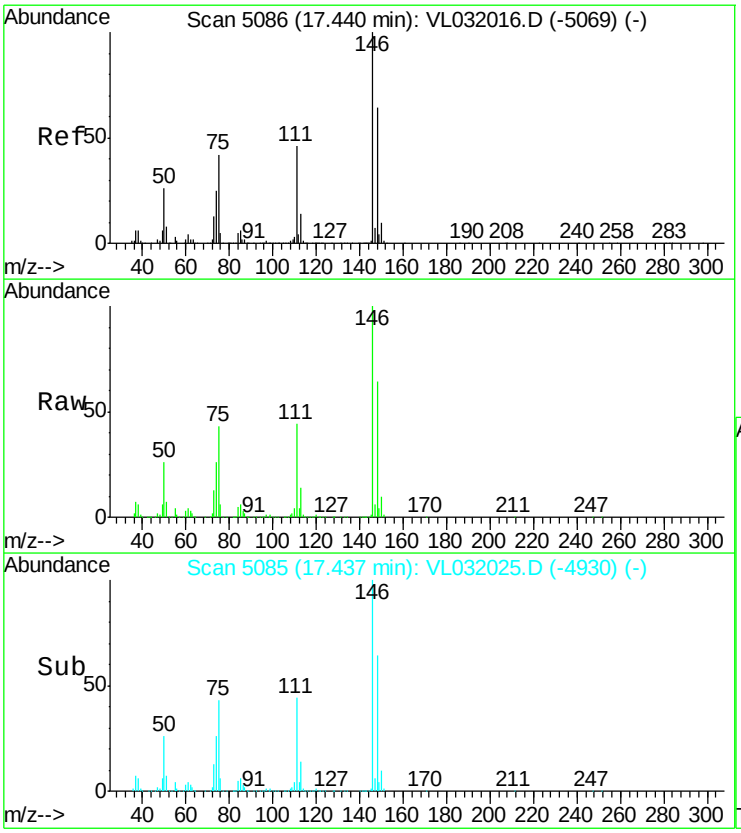
#75
1,3-Dichlorobenzene
Concen: 7.29 ppbv
RT: 17.30 min Scan# 5041
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:146 Resp: 2070740

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.7	71.1
148	64.2	32.1	96.5

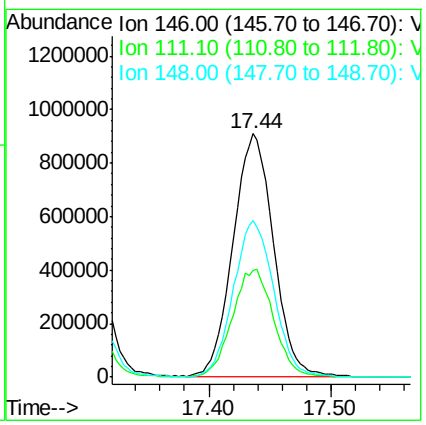


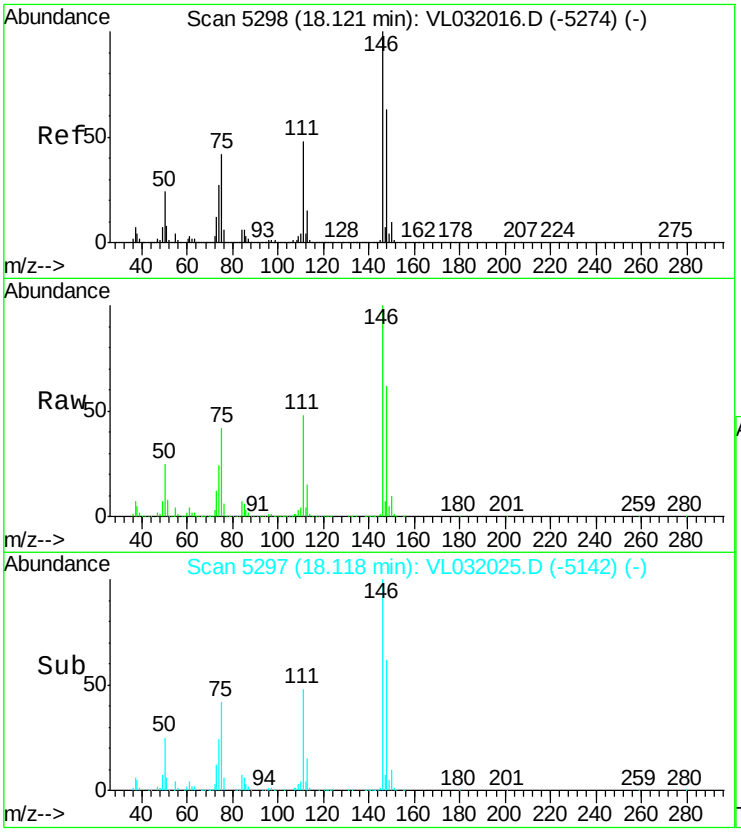


#76
1,4-Dichlorobenzene
Concen: 7.64 ppbv
RT: 17.44 min Scan# 5085
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:146 Resp: 2065238

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.0
148	65.1	32.1	96.3



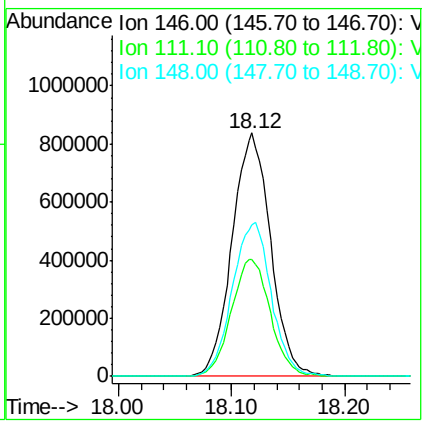


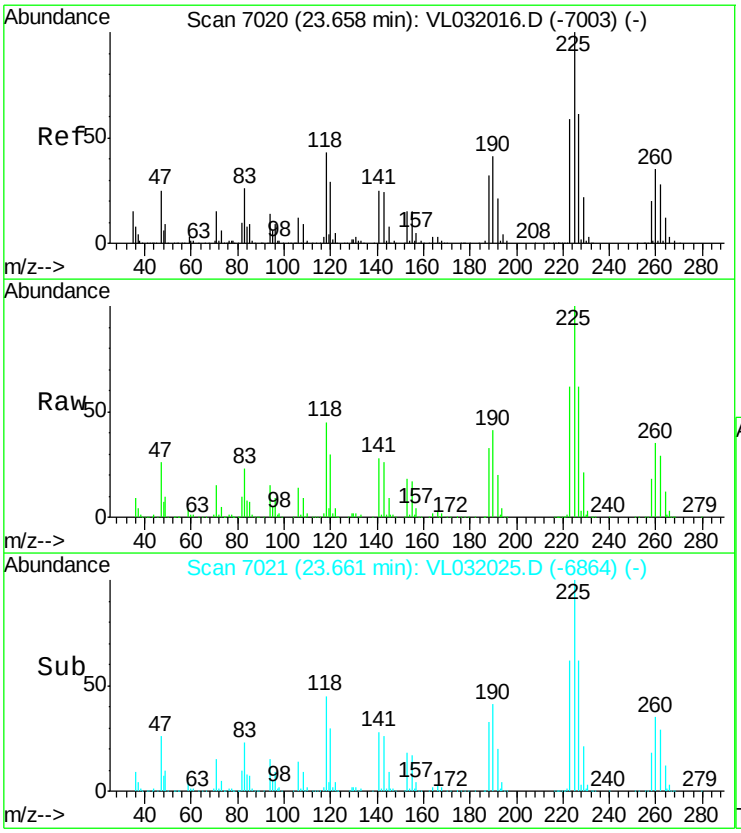
#77
1,2-Dichlorobenzene
Concen: 7.37 ppbv
RT: 18.12 min Scan# 5297
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 1980285

Ion	Ratio	Lower	Upper
146	100		
111	48.8	24.2	72.6
148	64.2	32.0	96.2

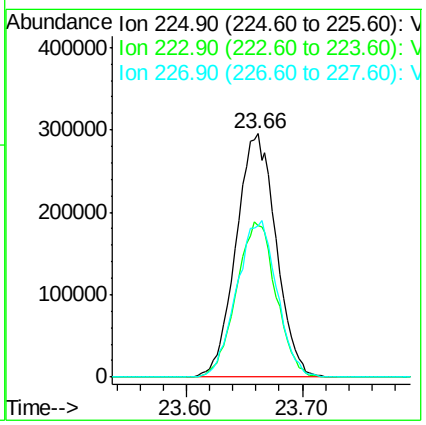


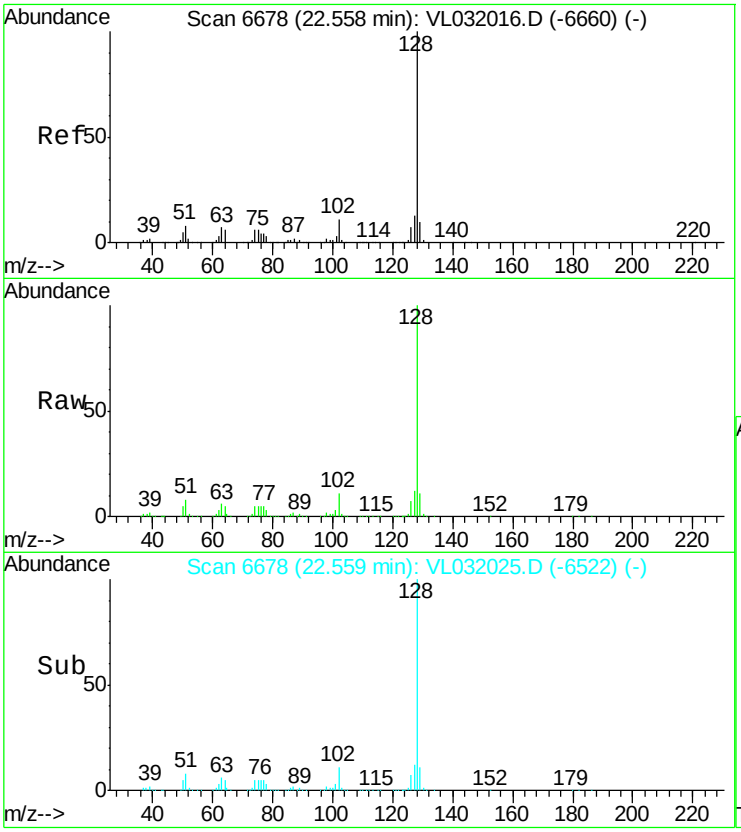


#78
Hexachloro-1,3-Butadiene
Concen: 6.63 ppbv
RT: 23.66 min Scan# 7021
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:225 Resp: 706781

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.2
227	64.9	51.2	76.8



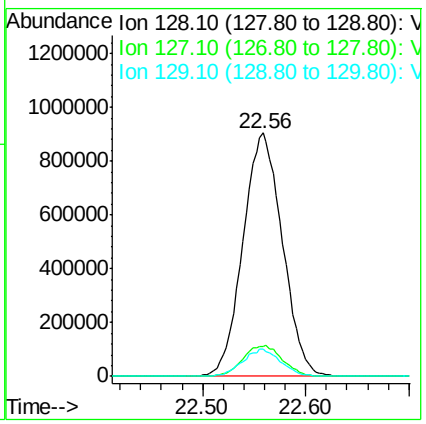


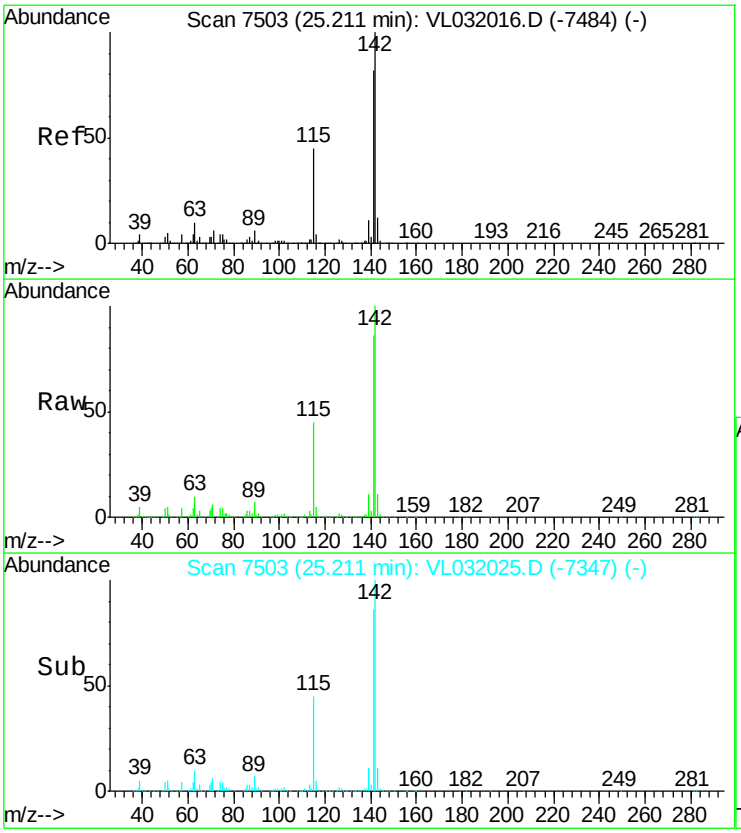
#79
Naphthalene
Concen: 10.24 ppbv
RT: 22.56 min Scan# 6678
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:128 Resp: 2396011

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	11.2	8.2	12.2

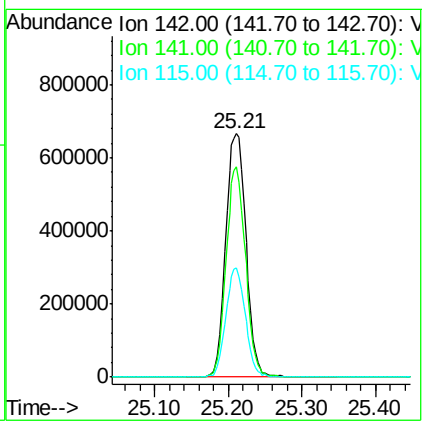


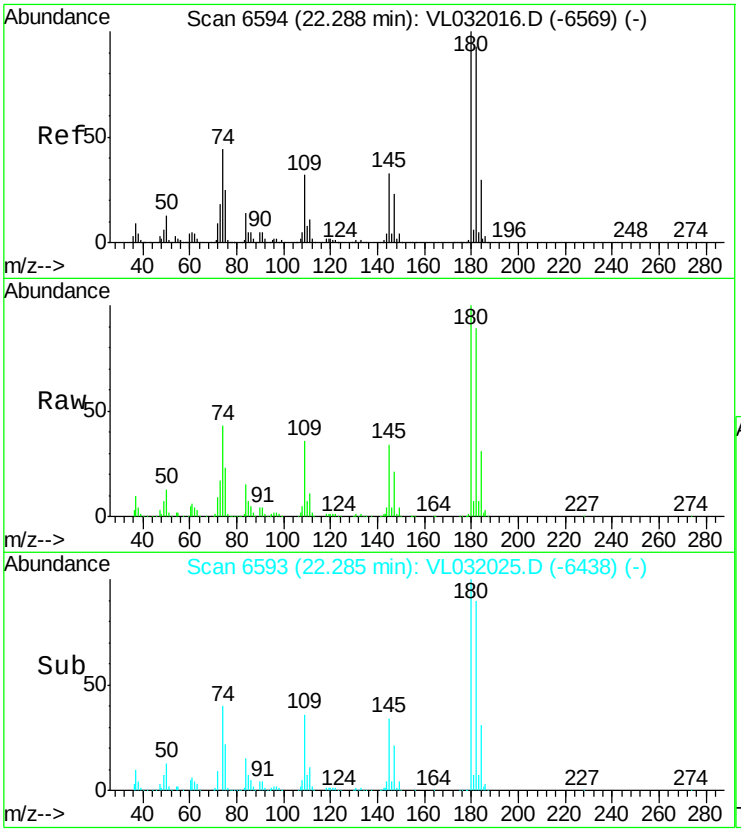


#80
Naphthalene,2-methyl-
Concen: 22.06 ppbv
RT: 25.21 min Scan# 7503
Delta R.T. 0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Tgt Ion:142 Resp: 1273129

Ion	Ratio	Lower	Upper
142	100		
141	82.6	67.4	101.2
115	43.3	35.3	52.9





#81
1,2,4-Trichlorobenzene
Concen: 9.14 ppbv
RT: 22.29 min Scan# 6593
Delta R.T. -0.00 min
Lab File: VL032025.D
Acq: 1 Jun 2018 15:57

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:180 Resp: 1254541

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.8	116.6
184	31.3	24.9	37.3