Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081720\

Quantitation Report (Not Reviewed)

Data File : VL035423.D
Acq On : 17 Aug 2020 16:07
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 17 16:38:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 16:34:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1152621	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	5086008	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	5124529	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	3655564	8.42	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	139622	0.912	ppbv		96
3) Chlorodifluoromethane	2.99	51	78123	0.529	ppbv		97
4) Chloromethane	3.14	50	39283	0.505	ppbv		100
5) Vinyl Chloride	3.26	62	47818	0.605	ppbv		92
6) Bromomethane	3.48	94	39842	0.919	ppbv		96
7) Chloroethane	3.56	64	18006	0.687	ppbv		91
8) Dichlorotetrafluoroethane	3.19	85	156504	0.897	ppbv	#	61
9) Propene	3.01	41	32331	0.461	ppbv		96
10) Heptane	8.14	43	77707	0.439	ppbv	#	79
11) Trichlorofluoromethane	3.96	101	185159	1.008	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	134844	1.127	ppbv	#	76
13) Ethanol	3.62	45	13533	0.605	ppbv		99
14) Bromoethene	3.74	108	56085	1.069	ppbv	#	98
15) Acetone	3.87	43	78841	0.520	ppbv	#	76
16) 1,3-Butadiene	3.33	39	25906	0.373	ppbv	#	57
17) tert-Butyl alcohol	4.31	59	87772	0.610	ppbv		98
18) 1,1-Dichloroethene	4.29	96	56344	1.048	ppbv	#	61
19) Isopropyl Alcohol	3.99	45	48461	0.453	ppbv	#	95
20) Methylene Chloride	4.35	84	65862	1.171	ppbv	#	64
21) Allyl Chloride	4.42	41	32656	0.368	ppbv	#	78
22) trans-1,2-Dichloroethene	4.90	96	60543	1.131	ppbv	#	62
23) Vinyl Acetate	5.09	43	92425	0.416	ppbv	#	94
24) 1,1-Dichloroethane	5.02	63	99101	0.625	ppbv	#	97
25) Ethyl Acetate	5.70	43	140024	0.461	ppbv	#	94
26) Hexane	5.70	57	77835	0.590	ppbv	#	78
27) Carbon Disulfide	4.56	76	95534	0.743	ppbv	#	88
28) Methyl tert-Butyl Ether	5.06	73	136293	0.669	ppbv	#	90
29) Chloroform	5.76	83	154744	0.763	ppbv		99
30) Cyclohexane	7.14	84	80376	0.767	ppbv	#	62
31) cis-1,2-Dichloroethene	5.56	61	78412	0.583	ppbv	#	74
32) 1,1,1-Trichloroethane	6.53	97	141753	0.702	ppbv	#	91
34) 2-Butanone	5.27	43	89814	0.229	ppbv	#	75
35) Carbon Tetrachloride	7.03	117	144933	0.384	ppbv		98
36) Benzene	6.91	78	203527	0.394	ppbv	#	89
37) 1,2-Dichloroethane	6.32	62	92762	0.291	ppbv	#	90
38) Trichloroethene	7.85	130	109608	0.549	ppbv	#	83
39) 1,2-Dichloropropane	7.63	63	65582	0.315	ppbv	#	83
40) 1,4-Dioxane	7.88	88	13710	0.170	ppbv	#	1
41) Tetrahydrofuran	6.09	42	47652	0.216	ppbv	#	66
42) Bromodichloromethane	7.81	83	141126	0.347	ppbv	#	95
43) Methyl Methacrylate	8.04	69	73686	0.328	ppbv	#	59

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081720\

Quantitation Report (Not Reviewed)

Data File : VL035423.D
Acq On : 17 Aug 2020 16:07
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 17 16:38:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 16:34:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	269436	0.299	ppbv	#	91
45) t-1,3-Dichloropropene	9.30	75	62345	0.264	ppbv		97
46) cis-1,3-Dichloropropene	8.72	75	84124	0.294	ppbv	#	74
47) 1,1,2-Trichloroethane	9.50	97	99527	0.476	ppbv		96
48) Dibromochloromethane	10.33	129	142012	0.466	ppbv		98
49) Bromoform	13.07	173	127449	0.532	ppbv		99
50) 4-Methyl-2-Pentanone	8.78	43	124771	0.220	ppbv	#	83
51) 2-Hexanone	10.18	43	100017	0.208	ppbv	#	81
52) Tetrachloroethene	11.25	164	124373	0.677	ppbv	#	77
53) Toluene	9.83	91	254985	0.434	ppbv		100
54) 1,2-Dibromoethane	10.64	107	65414	0.203	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.15	131	125208	0.497	ppbv	#	1
57) Chlorobenzene	12.18	112	249457	0.539	ppbv	#	77
58) Ethyl Benzene	12.73	91	342866	0.404	ppbv		94
59) m/p-Xylene	13.02	91	334287	0.472	ppbv	#	27
60) o-Xylene	13.72	91	283562	0.407	ppbv		89
61) Styrene	13.55	104	212846	0.447	ppbv	#	86
62) Isopropylbenzene	14.70	105	483709	0.471	ppbv		95
63) 1,1,2,2-Tetrachloroethane	13.70	83	211706	0.392	ppbv		97
64) n-propylbenzene	15.60	120	139085	0.534	ppbv		70
65) tert-Butylbenzene	16.78	119	457349	0.519	ppbv	#	79
66) Benzyl Chloride	17.02	91	40737	0.141	ppbv	#	64
67) sec-Butylbenzene	17.33	105	619568	0.476	ppbv		92
69) p-Isopropyltoluene	17.69	119	531863	0.502	ppbv	#	88
70) n-Butylbenzene	18.59	91	512501	0.414	ppbv	#	93
71) 2-Chlorotoluene	15.49	91	338523	0.403	ppbv		82
72) 4-Ethyltoluene	15.87	105	363758	0.446	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.03	105	334414	0.434	ppbv		90
74) 1,2,4-Trimethylbenzene	16.80	105	384748	0.466	ppbv	#	88
75) 1,3-Dichlorobenzene	17.03	146	302496	0.674	ppbv		92
76) 1,4-Dichlorobenzene	17.17	146	289830	0.629	ppbv		90
77) 1,2-Dichlorobenzene	17.85	146	289662	0.640	ppbv		91
78) Hexachloro-1,3-Butadiene	23.42	225	232520	0.669	ppbv		99
79) Naphthalene	22.25	128	504798	0.524	ppbv		96
80) Naphthalene,2-methyl-	25.01	142	172210	0.429	ppbv	#	91
81) 1,2,4-Trichlorobenzene	21.98	180	308797	0.676	ppbv		96

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

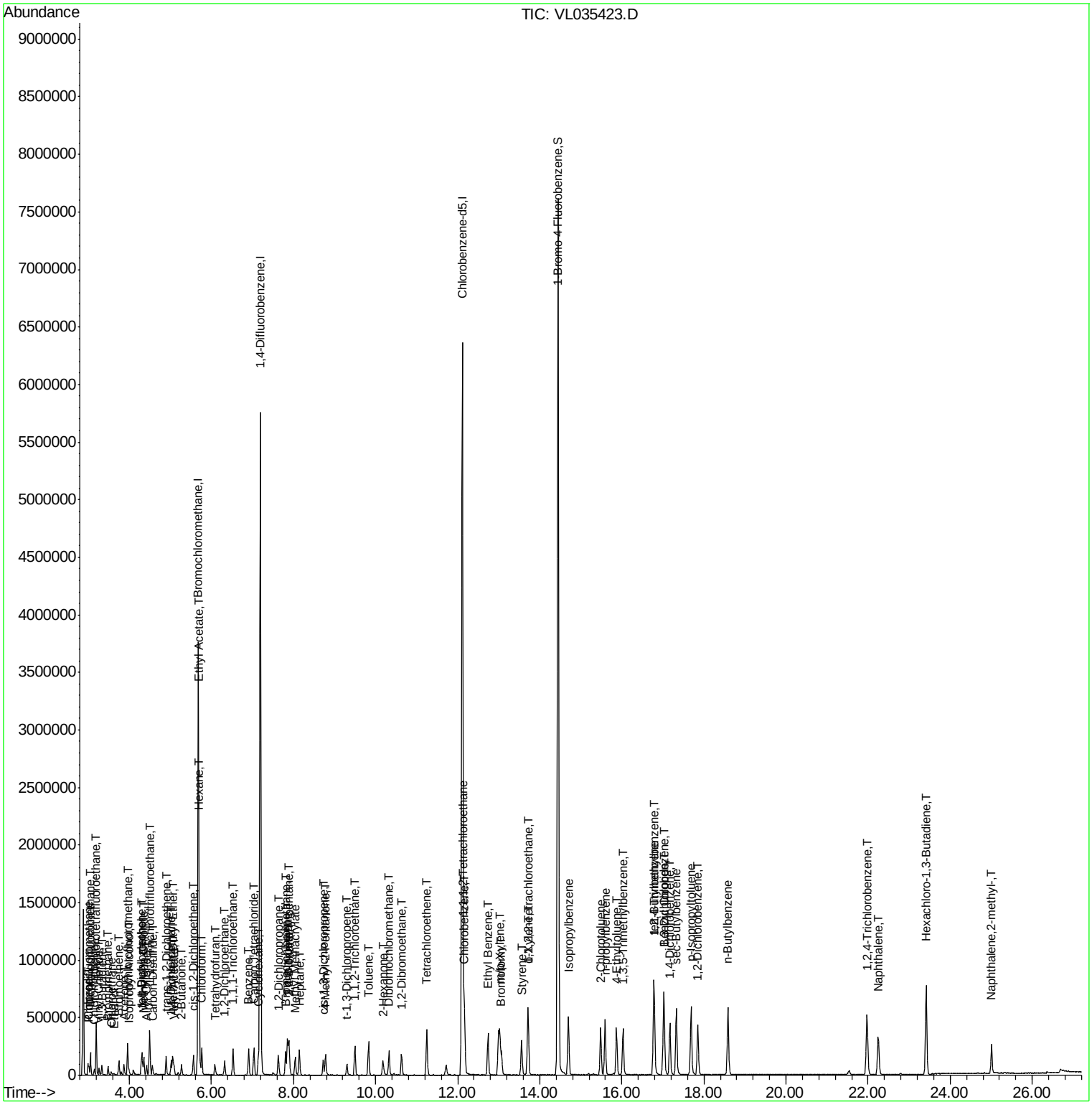
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081720\

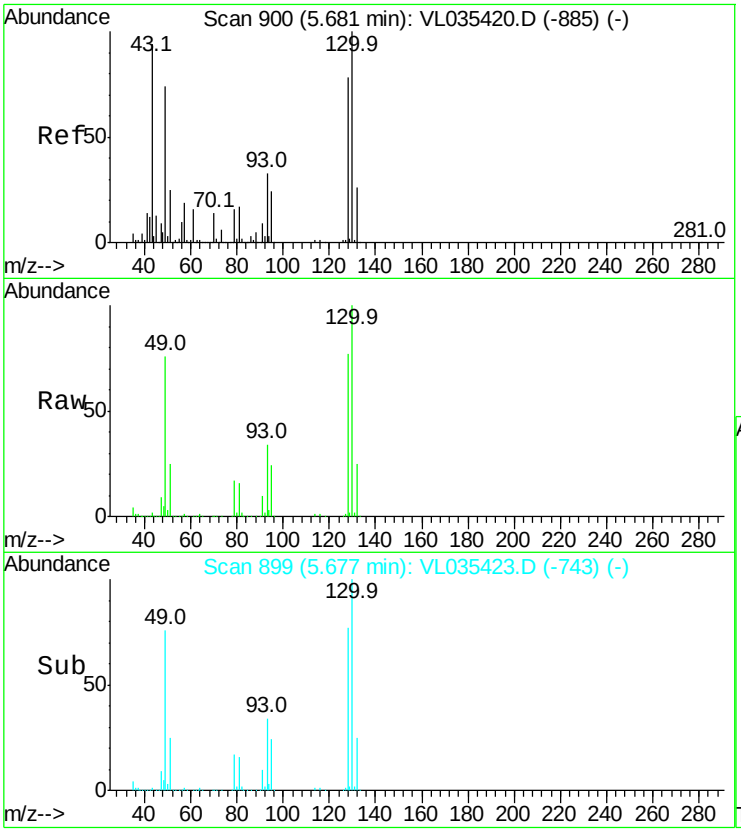
Quantitation Report (Not Reviewed)

Data File : VL035423.D
Acq On : 17 Aug 2020 16:07
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Aug 17 16:38:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 16:34:54 2020
Response via : Initial Calibration



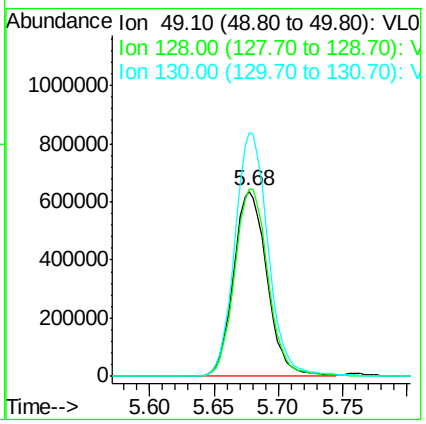


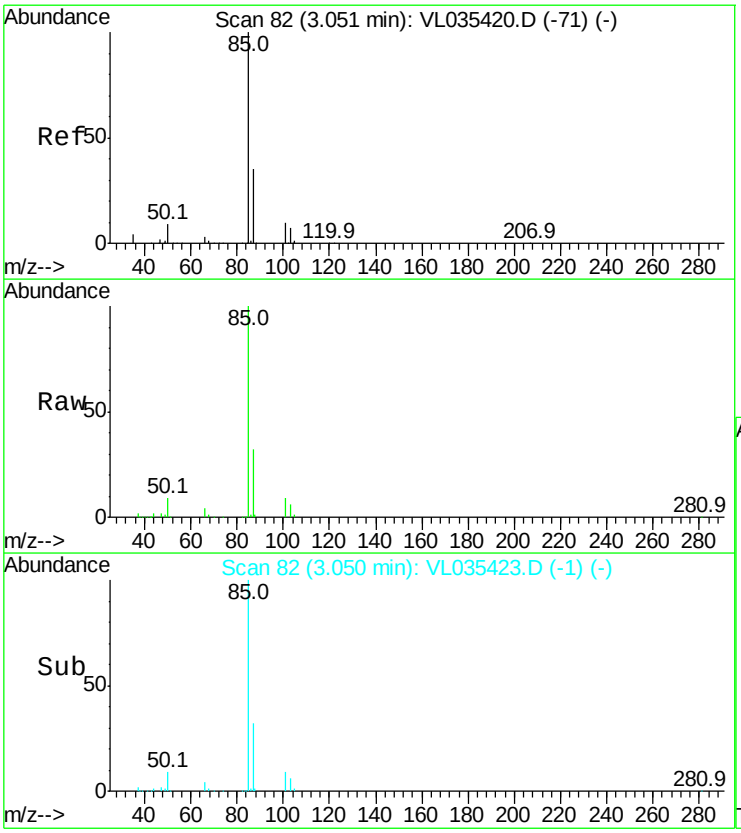
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1152621

Ion	Ratio	Lower	Upper
49	100		
128	102.1	20.9	62.7#
130	131.7	26.7	80.1#

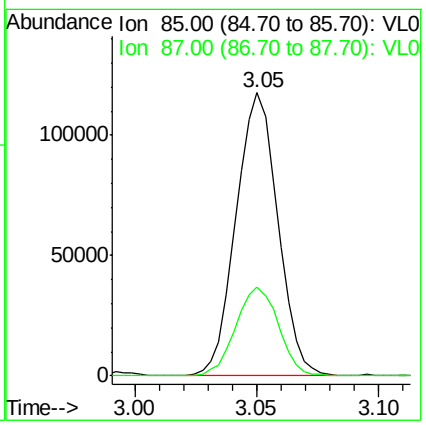


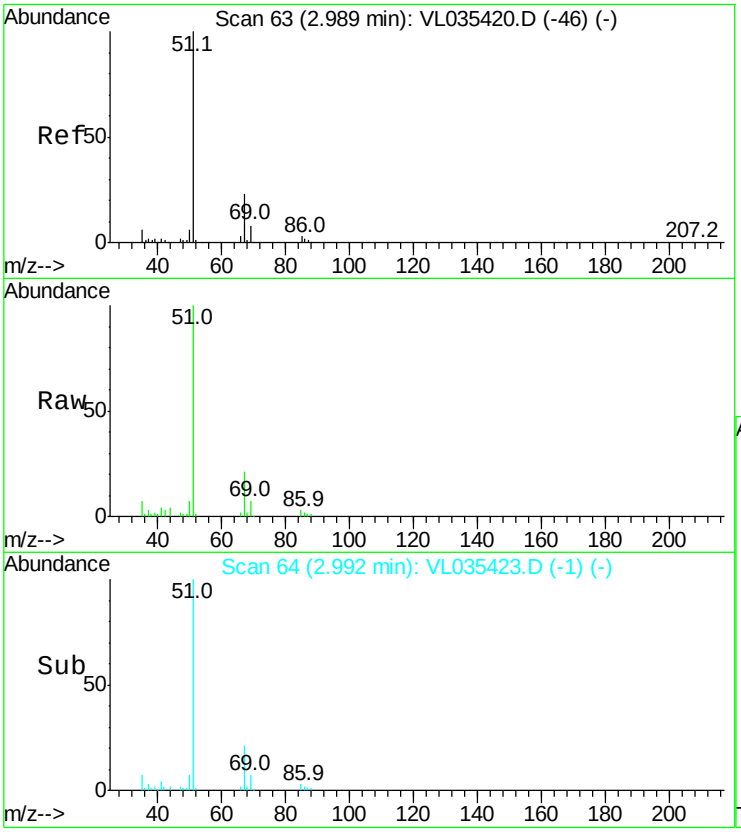


#2
Dichlorodifluoromethane
Concen: 0.912 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 85 Resp: 139622

Ion	Ratio	Lower	Upper
85	100		
87	31.6	27.1	40.7



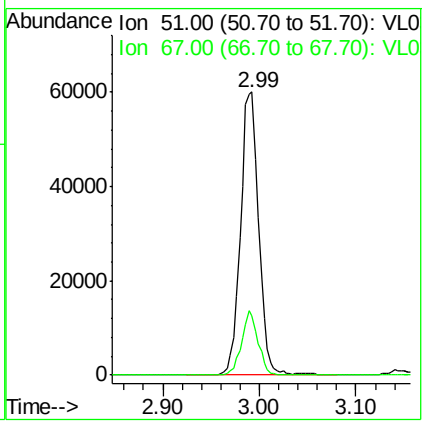


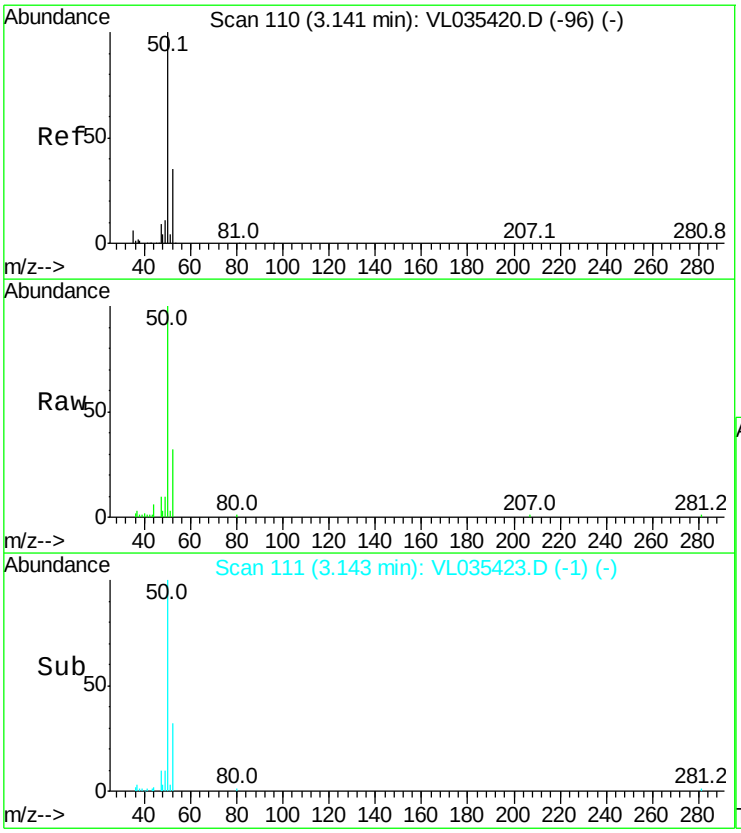
#3
Chlorodifluoromethane
Concen: 0.529 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 51 Resp: 78123

Ion	Ratio	Lower	Upper
51	100		
67	20.3	15.0	22.6

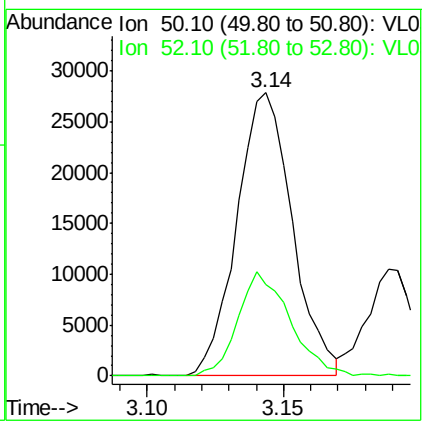


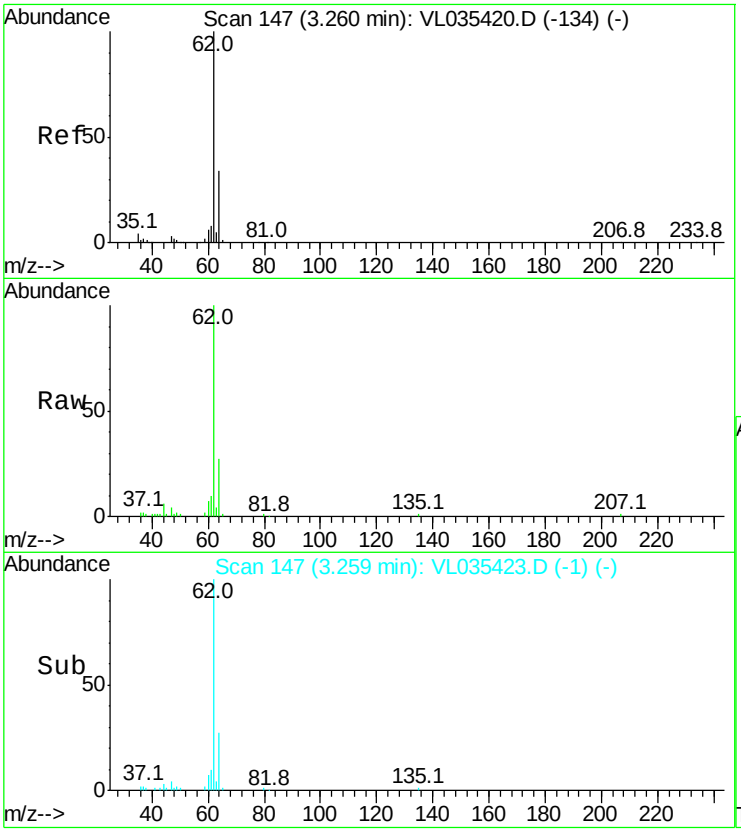


#4
Chloromethane
Concen: 0.505 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 50 Resp: 39283

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9



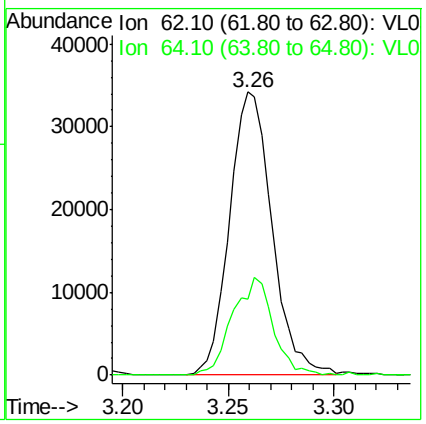


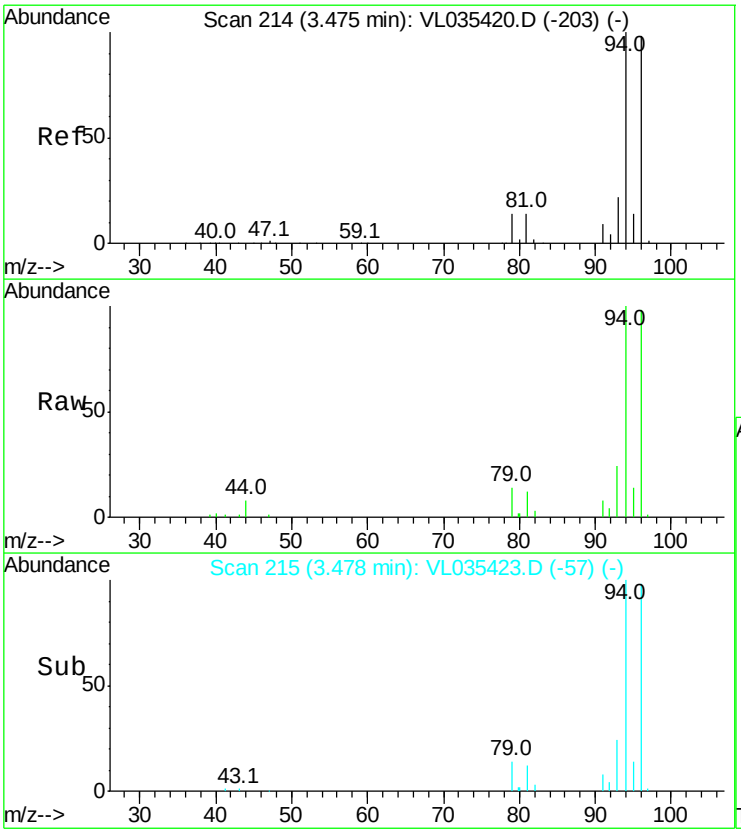
#5
Vinyl Chloride
Concen: 0.605 ppbv
RT: 3.26 min Scan# 147
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 47818

Ion	Ratio	Lower	Upper
62	100		
64	26.7	25.0	37.4

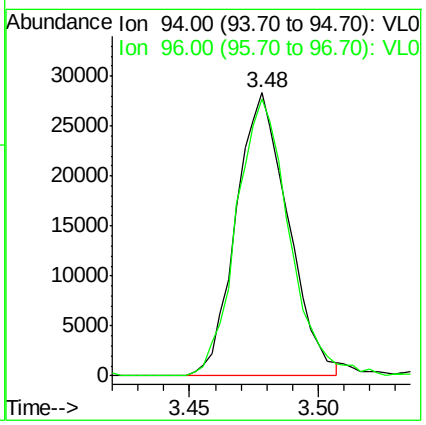


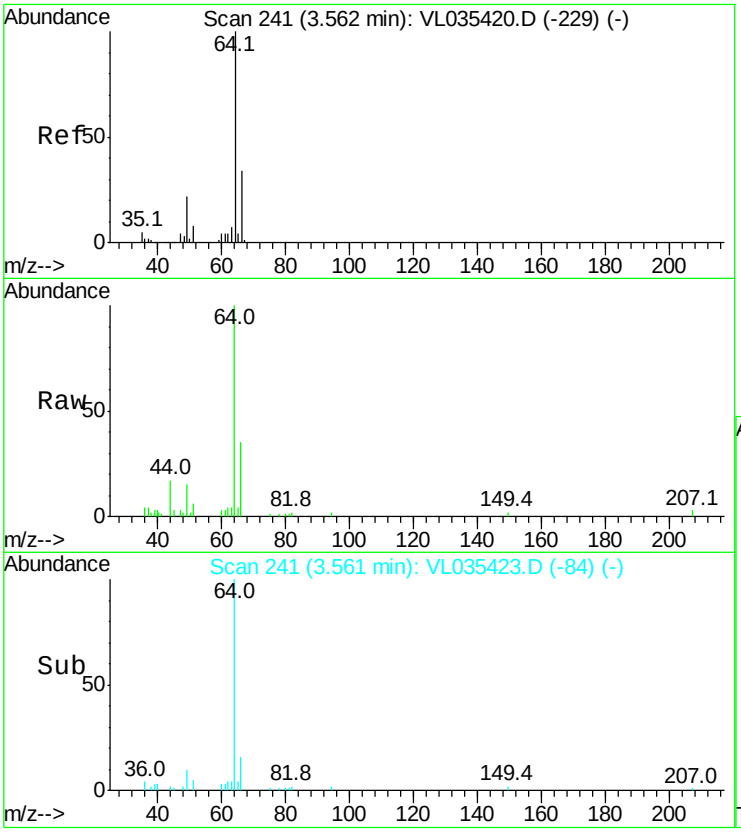


#6
Bromomethane
Concen: 0.919 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 94 Resp: 39842

Ion	Ratio	Lower	Upper
94	100		
96	97.9	75.0	112.6



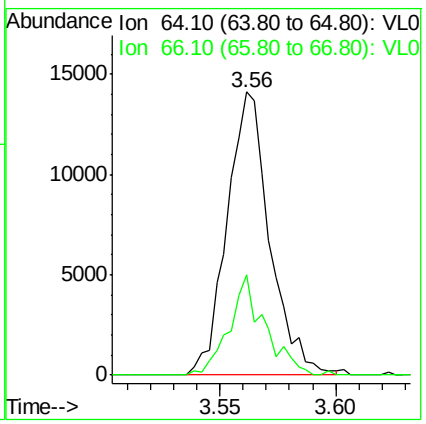


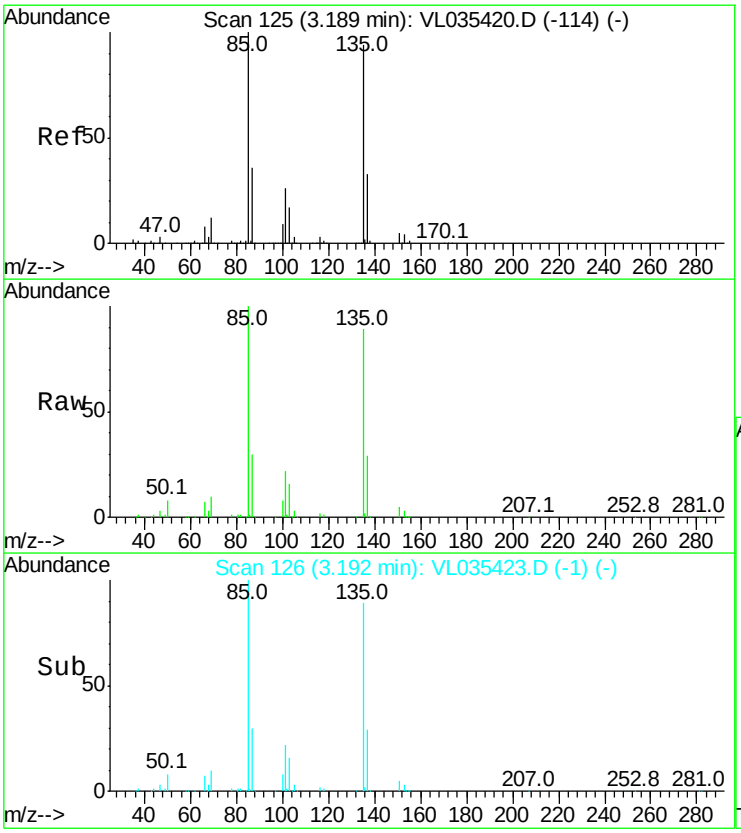
#7
Chloroethane
Concen: 0.687 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 64 Resp: 18006

Ion	Ratio	Lower	Upper
64	100		
66	35.3	24.5	36.7

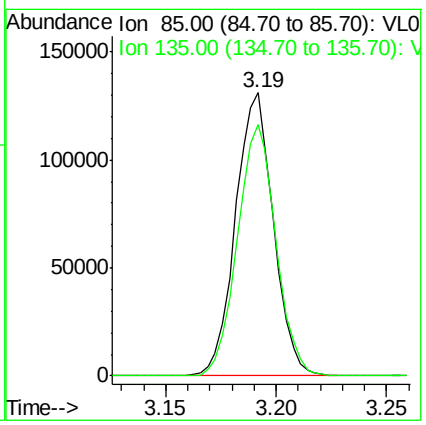


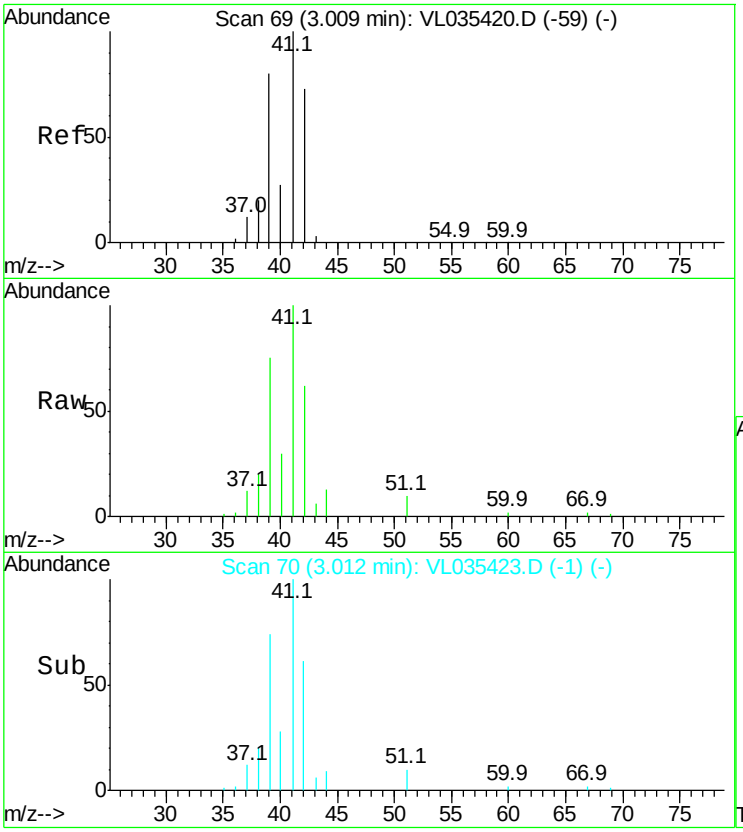


#8
Dichlorotetrafluoroethane
Concen: 0.897 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 85 Resp: 156504

Ion	Ratio	Lower	Upper
85	100		
135	90.3	48.6	72.8#



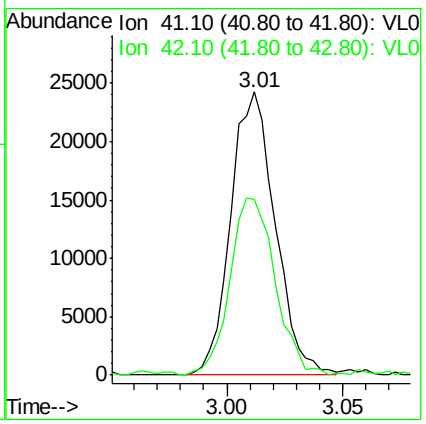


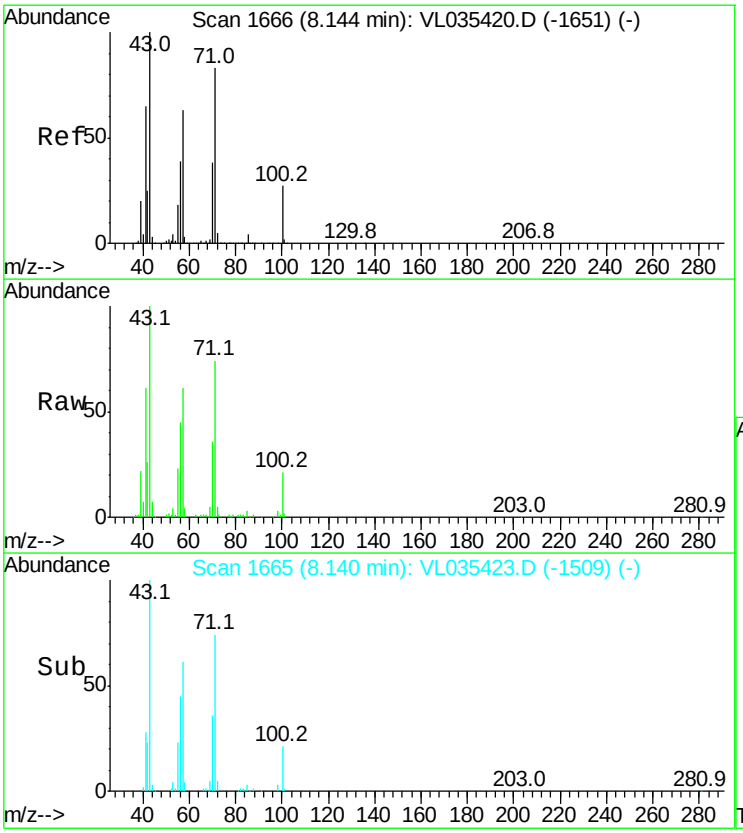
#9
Propene
Concen: 0.461 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 32331

Ion	Ratio	Lower	Upper
41	100		
42	66.2	55.5	83.3

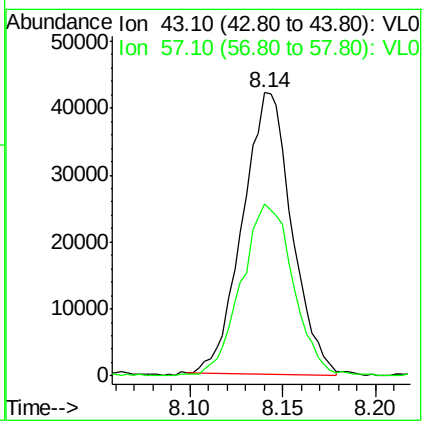


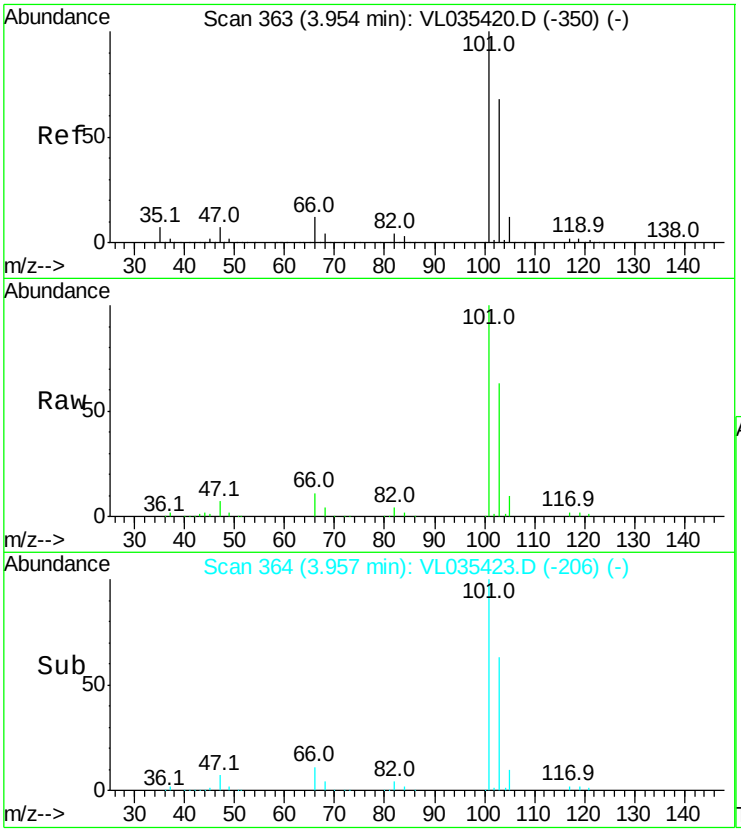


#10
Heptane
Concen: 0.439 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 43 Resp: 77707

Ion	Ratio	Lower	Upper
43	100		
57	64.5	39.8	59.6#



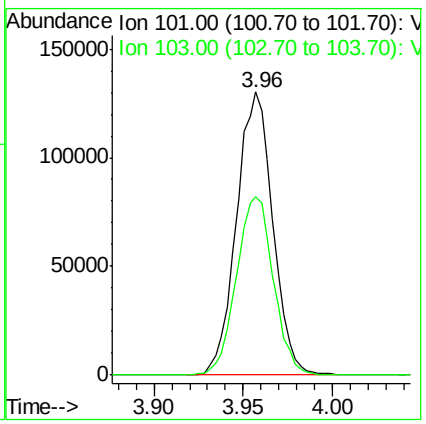


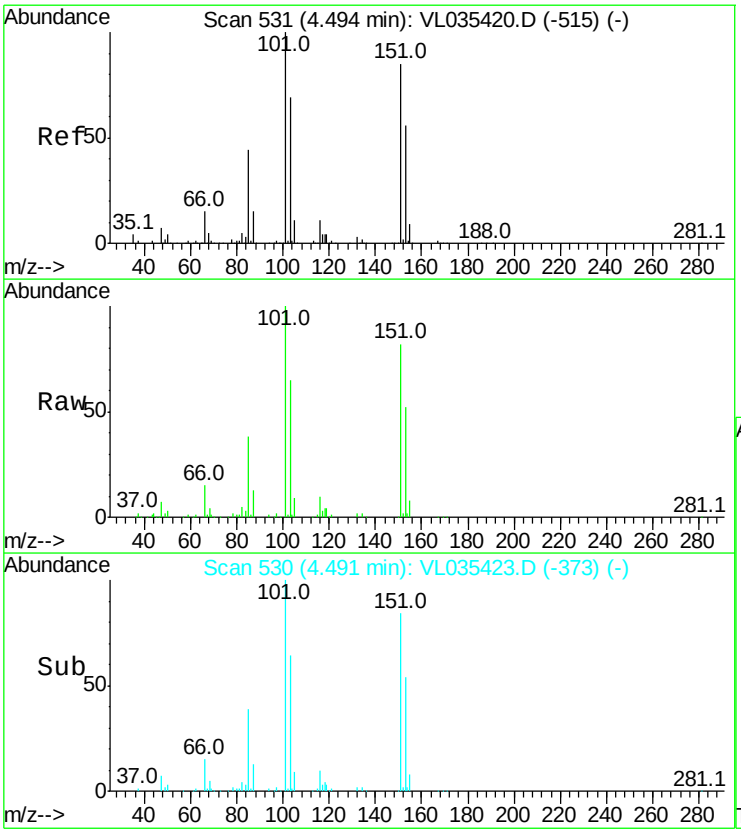
#11
Trichlorofluoromethane
Concen: 1.008 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 185159

Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.6	78.8

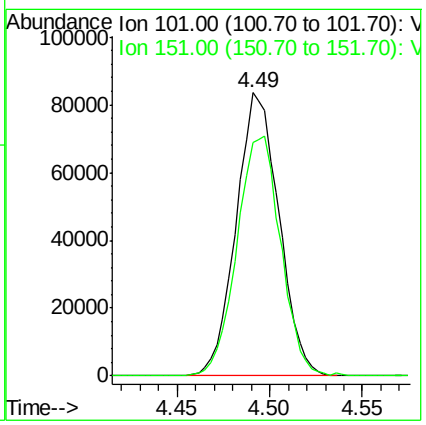


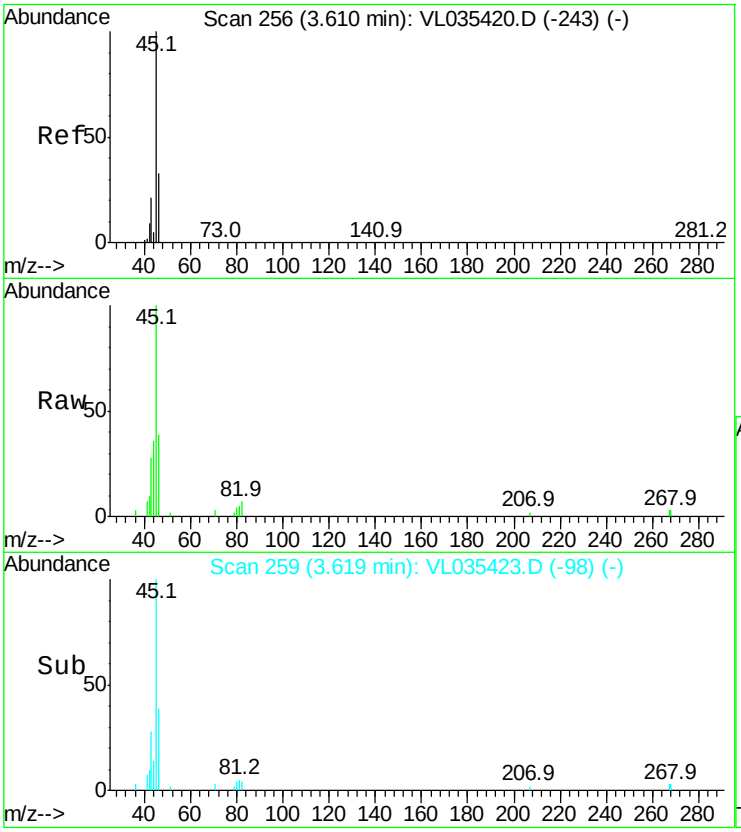


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.127 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:101 Resp: 134844

Ion	Ratio	Lower	Upper
101	100		
151	86.4	53.6	80.4#



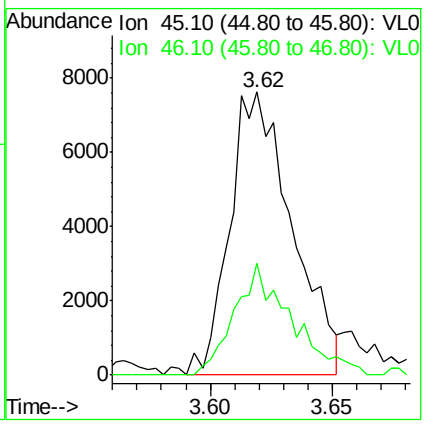


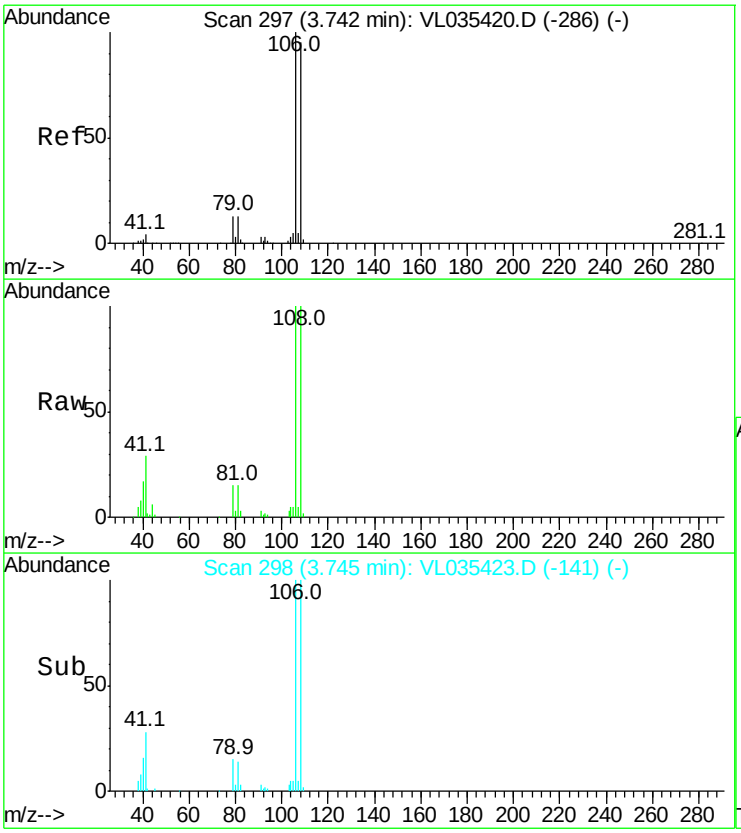
#13
Ethanol
Concen: 0.605 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 13533

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.2	56.6

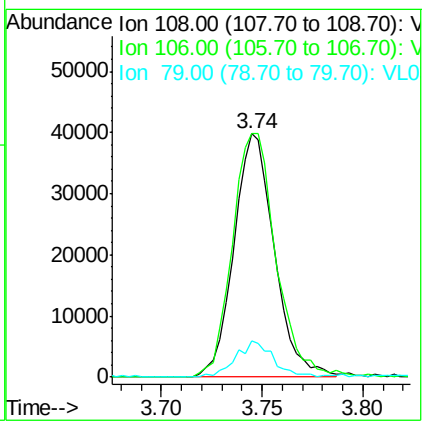


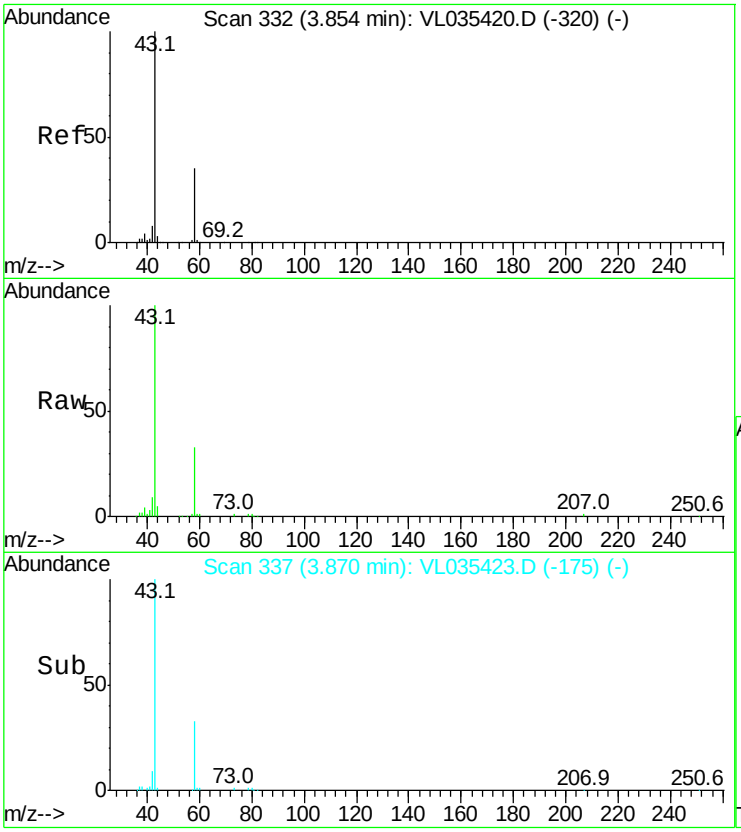


#14
Bromoethene
Concen: 1.069 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:108 Resp: 56085

Ion	Ratio	Lower	Upper
108	100		
106	107.9	86.7	130.1
79	15.1	16.8	25.2#



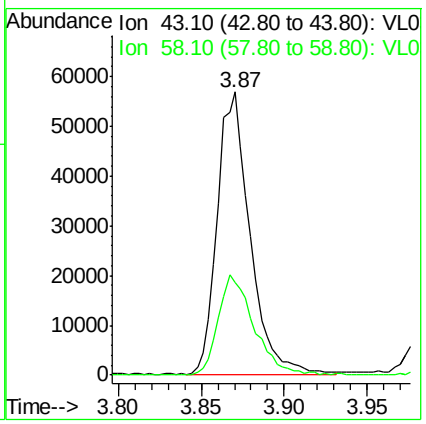


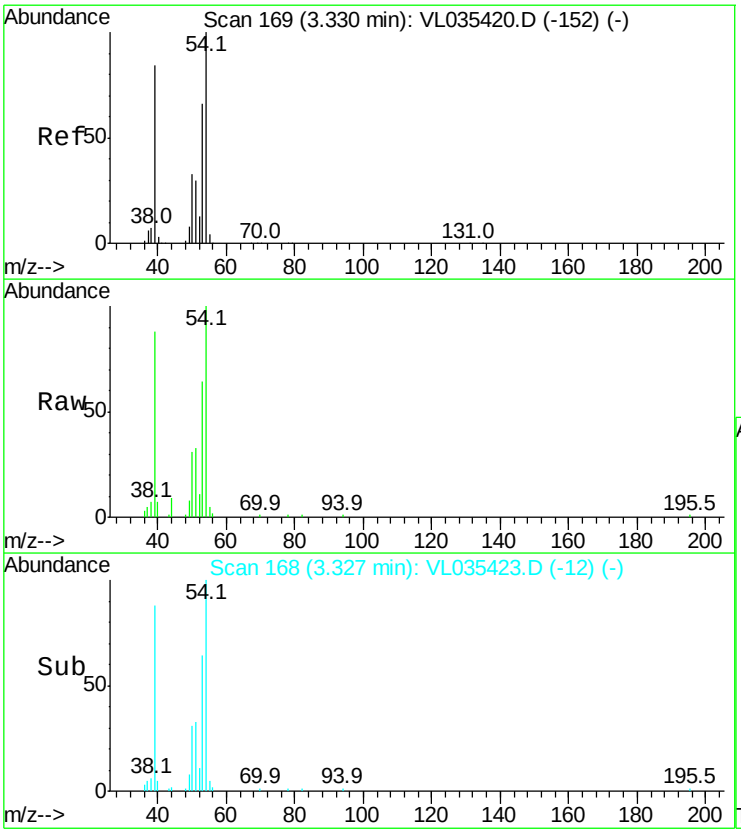
#15
Acetone
Concen: 0.520 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 78841

Ion	Ratio	Lower	Upper
43	100		
58	38.4	21.0	31.6#

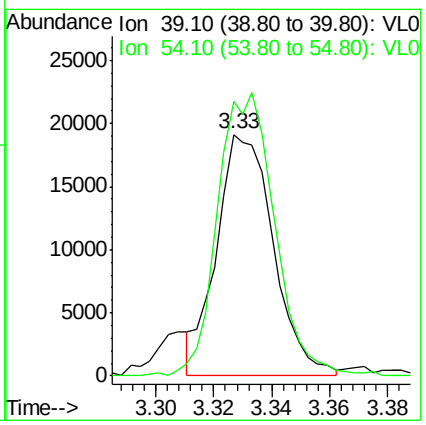


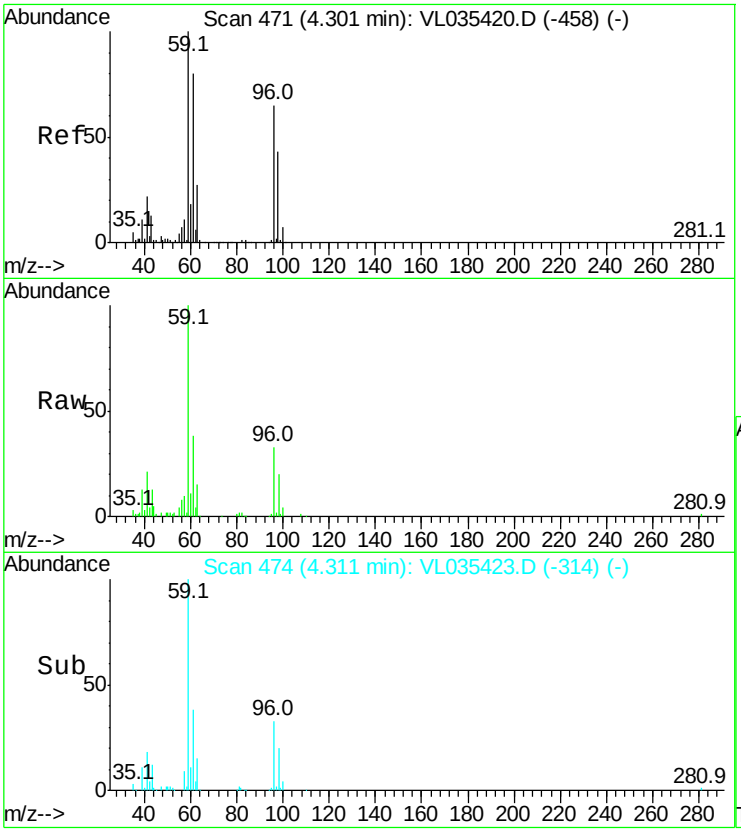


#16
1,3-Butadiene
Concen: 0.373 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 39 Resp: 25906

Ion	Ratio	Lower	Upper
39	100		
54	118.5	64.4	96.6#



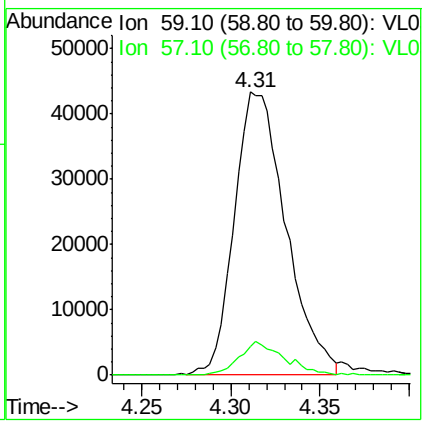


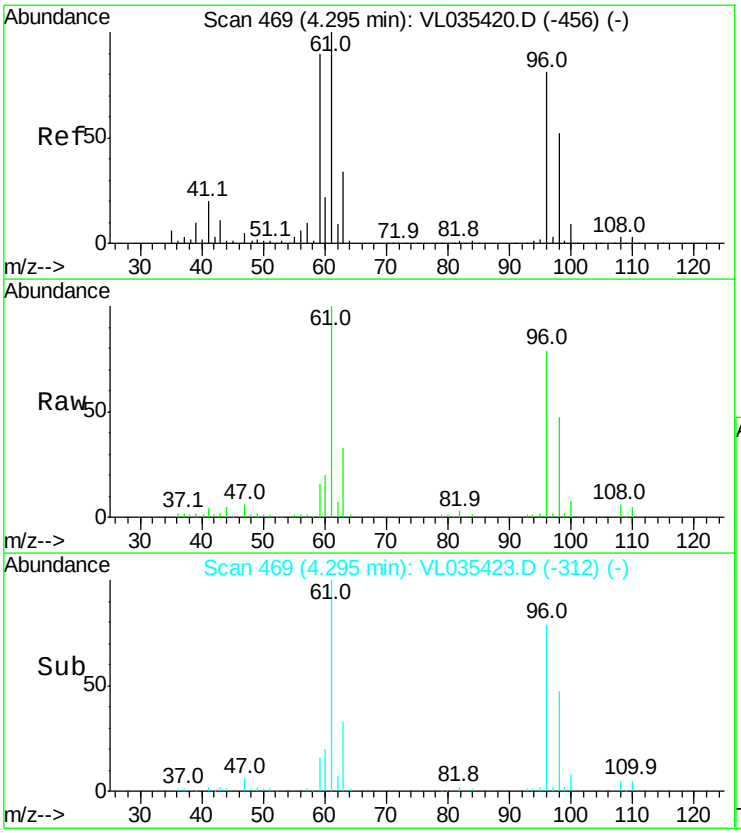
#17
tert-Butyl alcohol
Concen: 0.610 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 87772

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.9	13.3

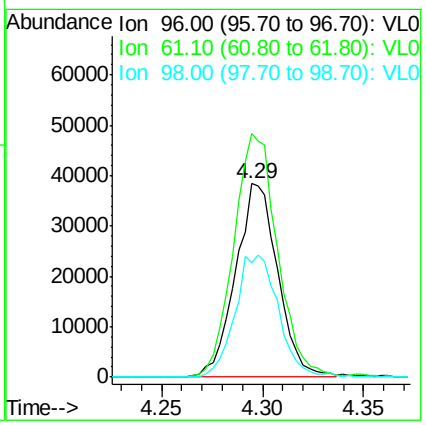


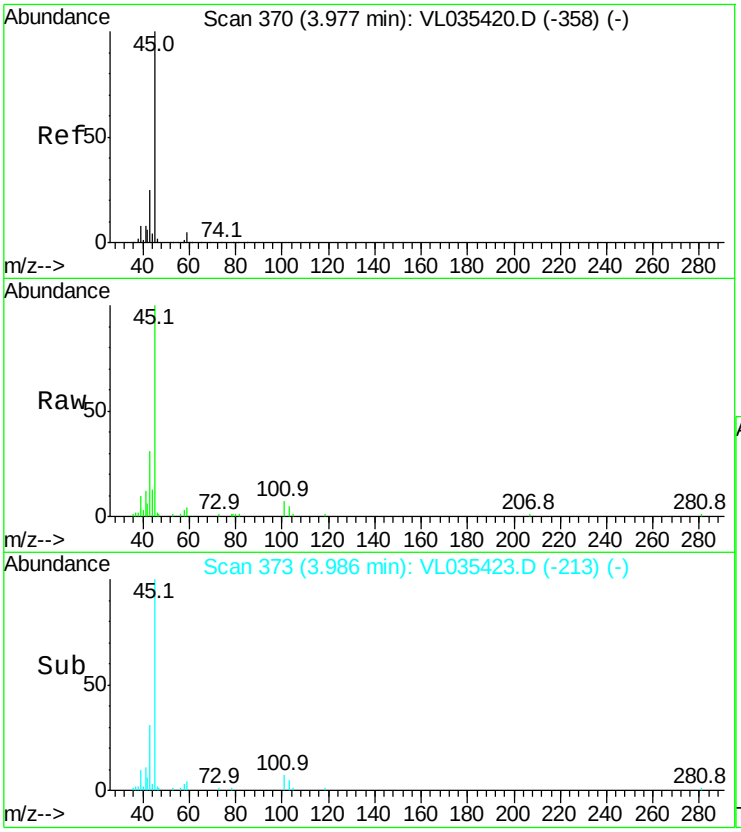


#18
1,1-Dichloroethene
Concen: 1.048 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 96 Resp: 56344

Ion	Ratio	Lower	Upper
96	100		
61	126.0	161.8	242.6#
98	59.4	49.3	73.9



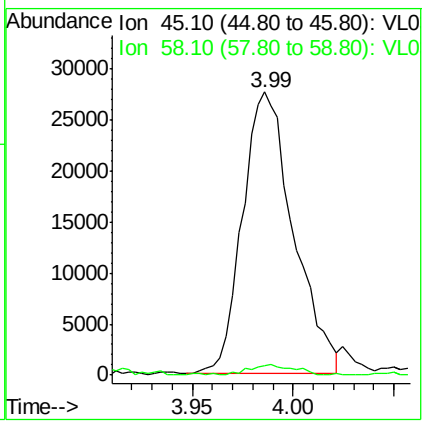


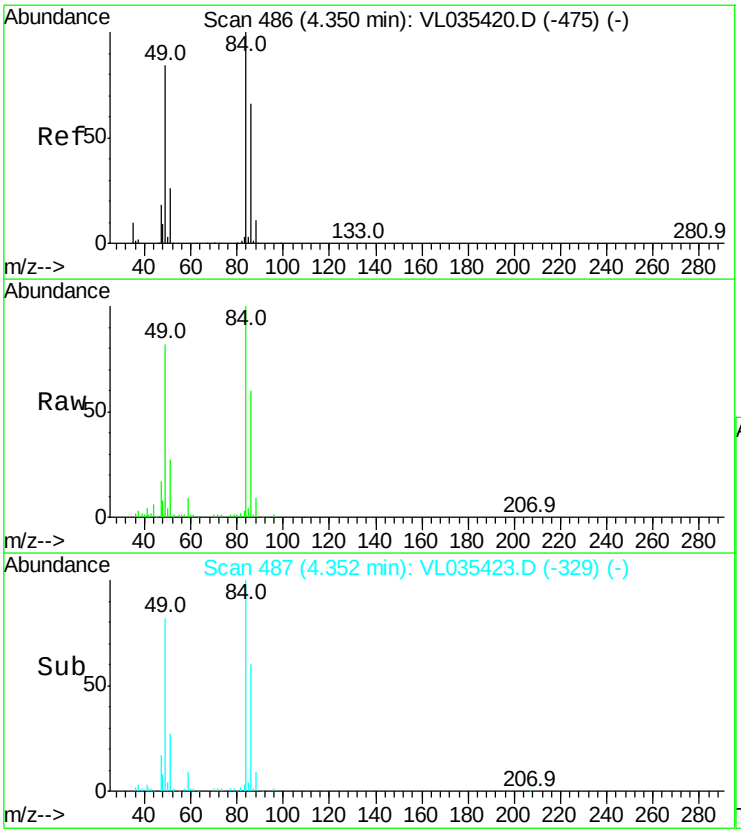
#19
Isopropyl Alcohol
Concen: 0.453 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 48461

Ion	Ratio	Lower	Upper
45	100		
58	3.3	1.0	1.6#

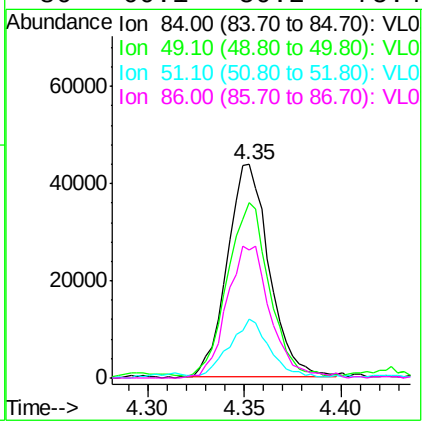


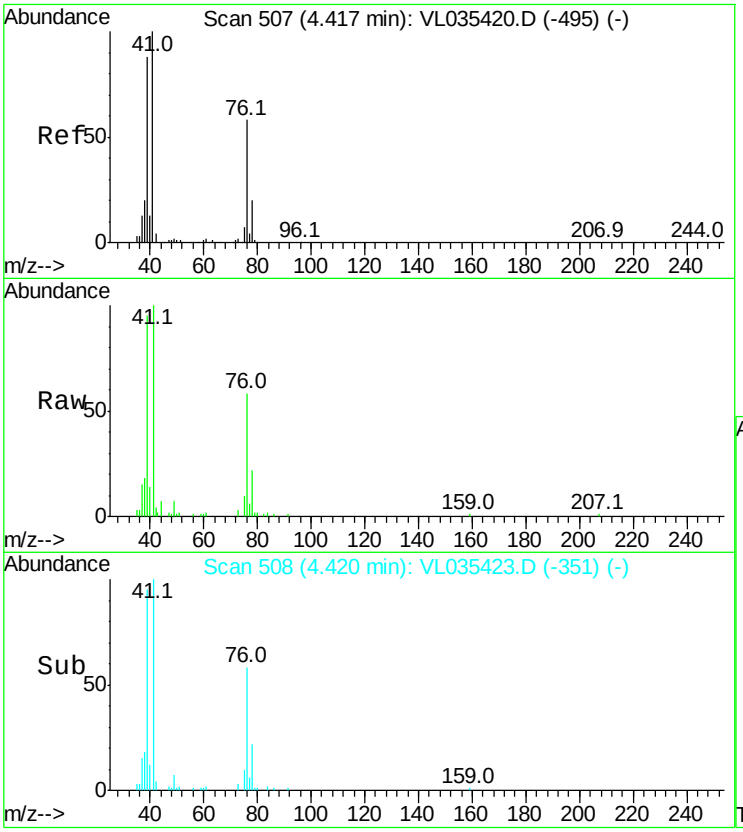


#20
Methylene Chloride
Concen: 1.171 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 84 Resp: 65862

Ion	Ratio	Lower	Upper
84	100		
49	81.8	118.6	177.8#
51	26.7	36.4	54.6#
86	60.1	50.2	75.4



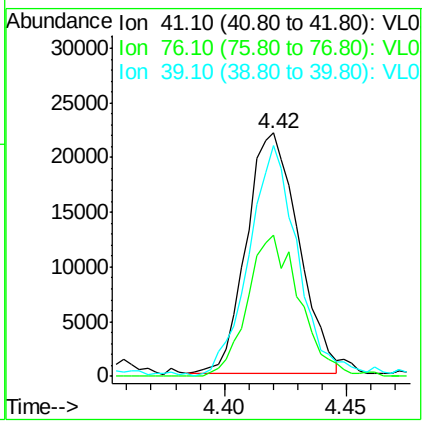


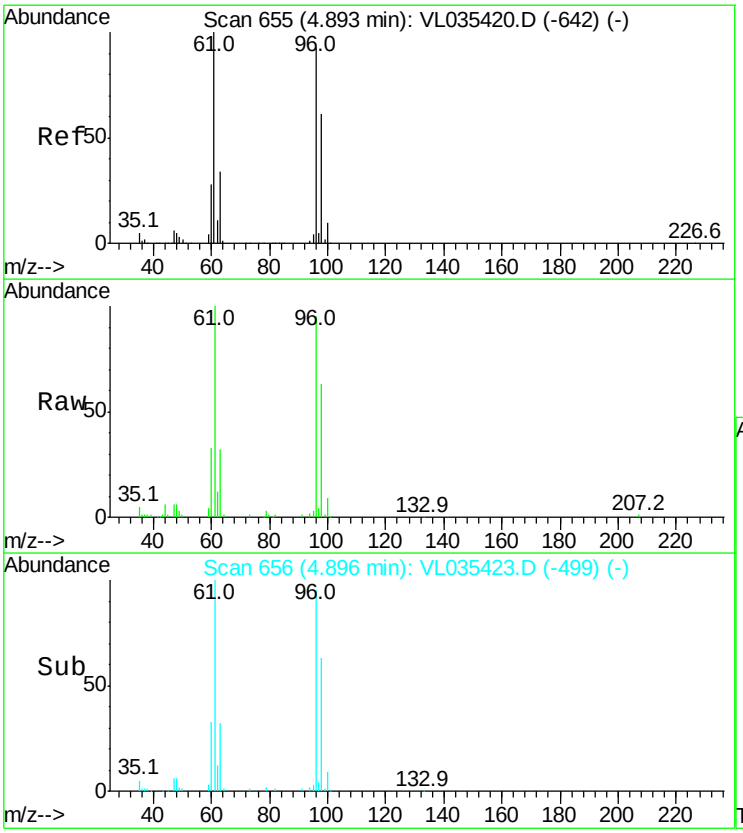
#21
Allyl Chloride
Concen: 0.368 ppbv
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 32656

Ion	Ratio	Lower	Upper
41	100		
76	58.8	22.8	34.2#
39	91.0	66.2	99.2

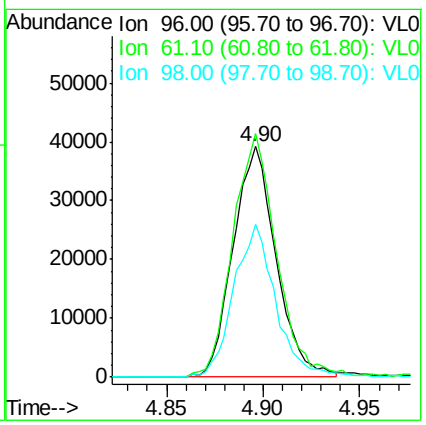


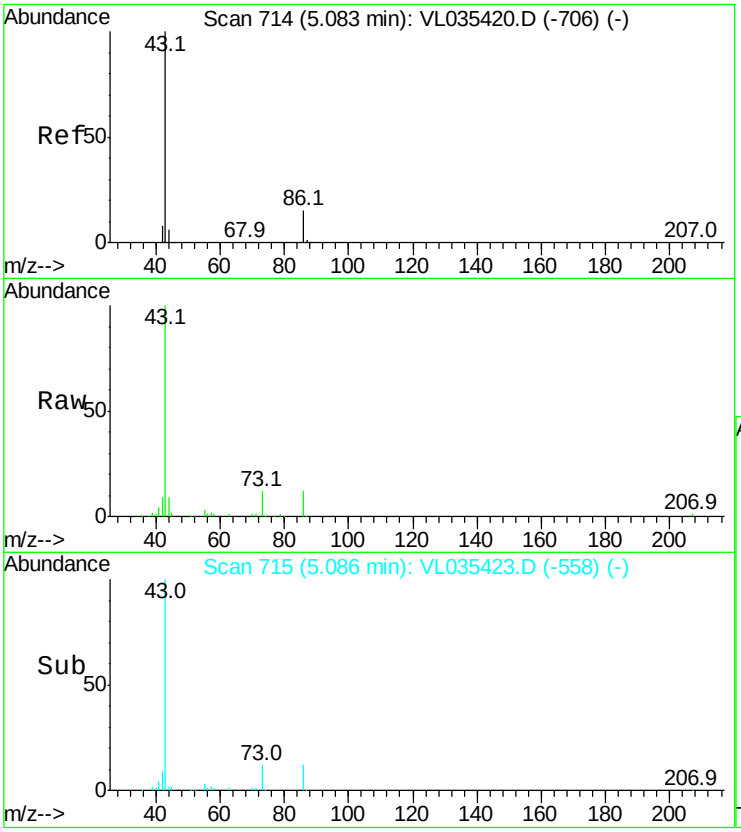


#22
trans-1,2-Dichloroethene
Concen: 1.131 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 96 Resp: 60543

Ion	Ratio	Lower	Upper
96	100		
61	105.6	142.2	213.2#
98	66.0	51.8	77.8



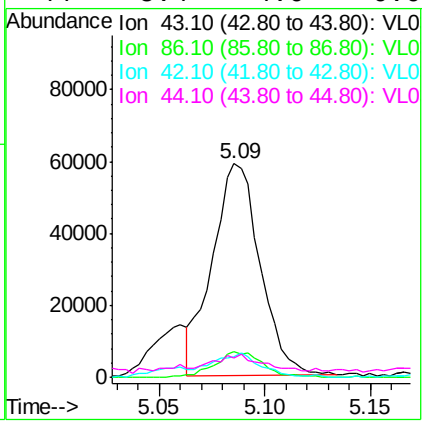


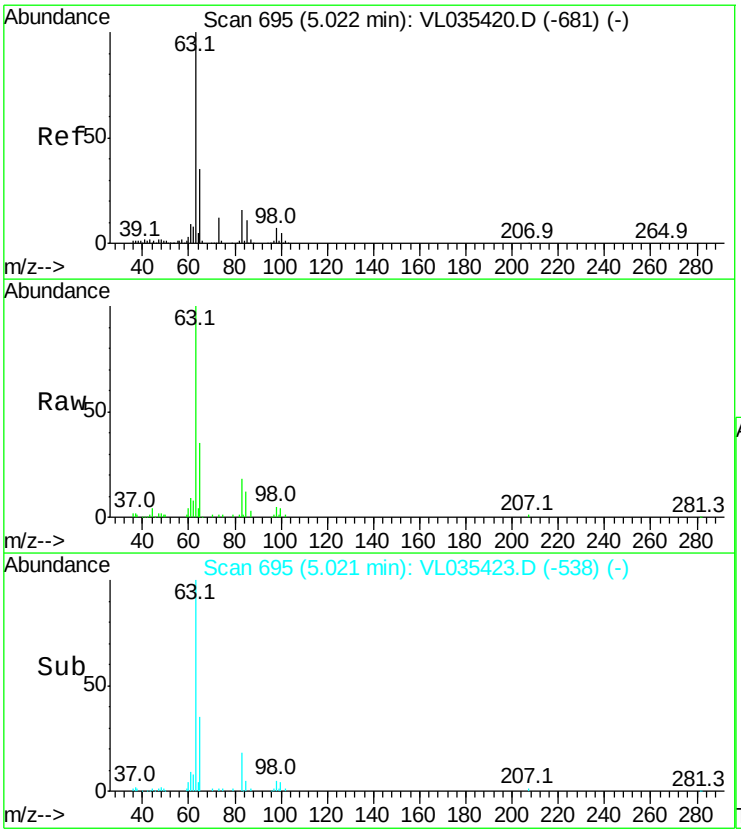
#23
Vinyl Acetate
Concen: 0.416 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 92425

Ion	Ratio	Lower	Upper
43	100		
86	12.5	6.5	9.7#
42	9.2	8.3	12.5
44	5.4	4.0	6.0

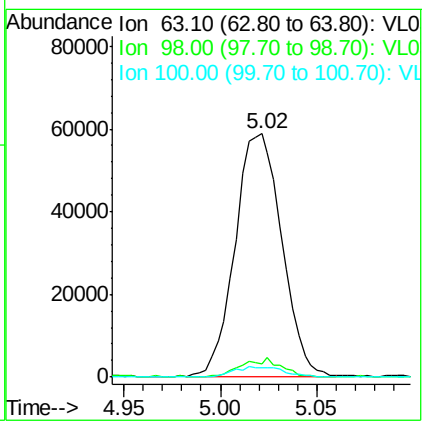


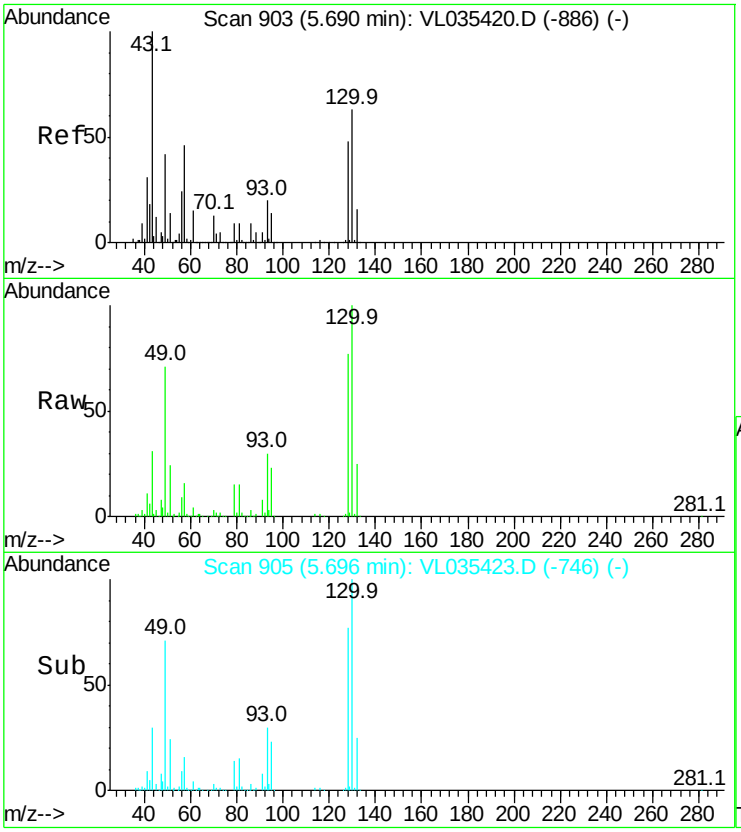


#24
1,1-Dichloroethane
Concen: 0.625 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 63 Resp: 99101

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.1	6.5
100	4.0	1.3	3.8#



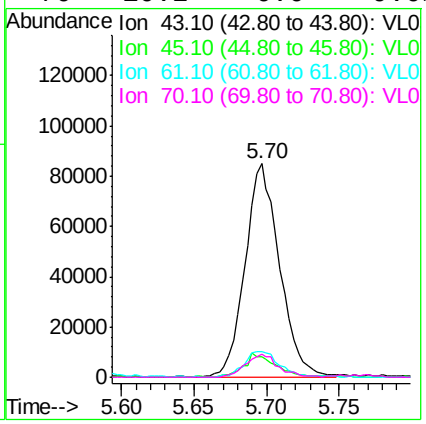


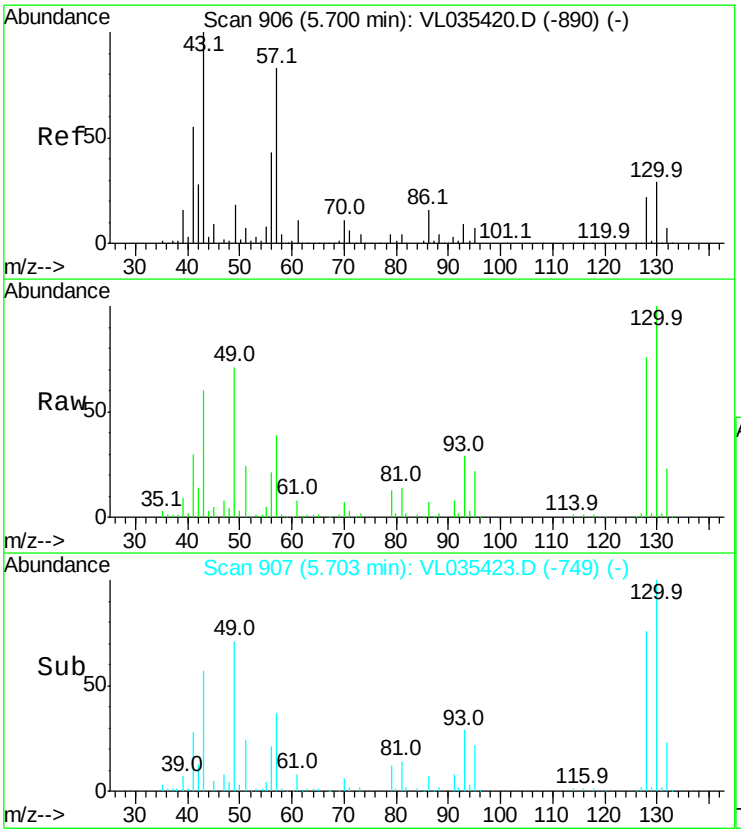
#25
Ethyl Acetate
Concen: 0.461 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 140024

Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.3	12.5
61	12.9	7.6	11.4#
70	10.2	6.0	9.0#

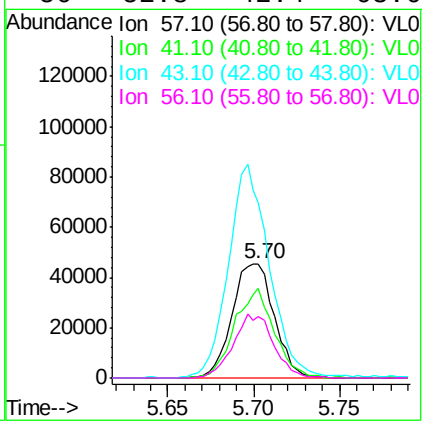


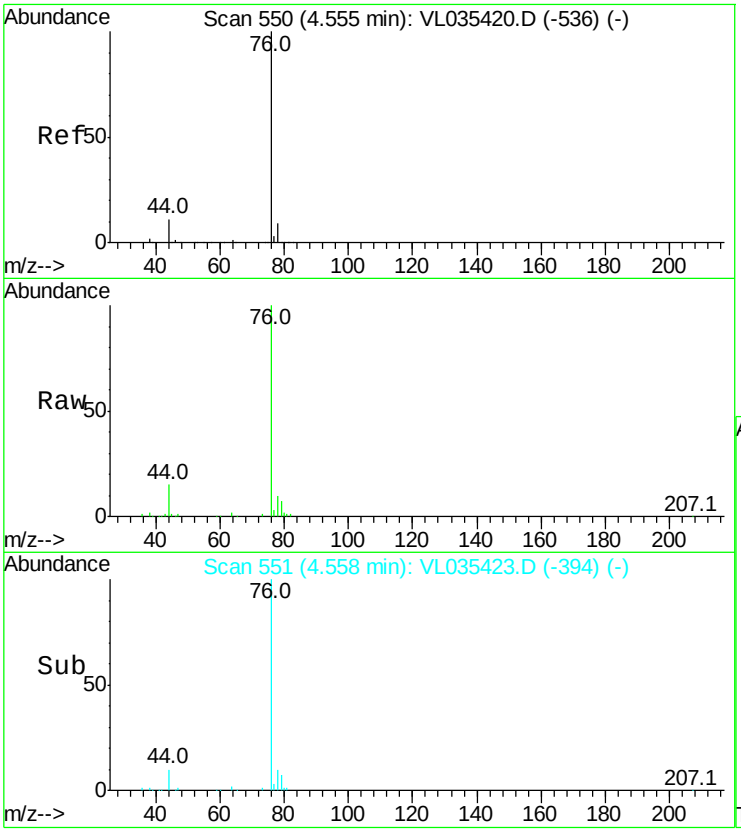


#26
Hexane
Concen: 0.590 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 57 Resp: 77835

Ion	Ratio	Lower	Upper
57	100		
41	74.9	75.5	113.3#
43	181.9	181.7	272.5
56	52.8	42.4	63.6



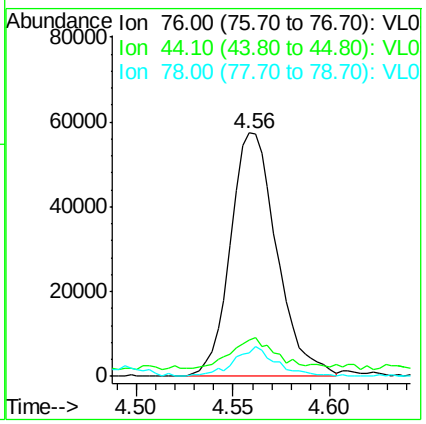


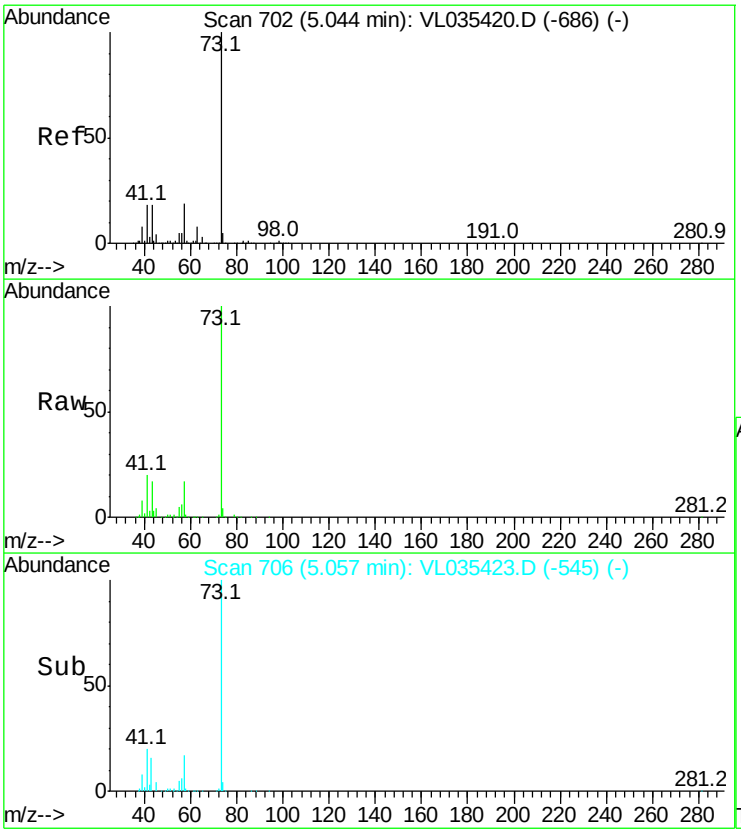
#27
Carbon Disulfide
Concen: 0.743 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 76 Resp: 95534

Ion	Ratio	Lower	Upper
76	100		
44	14.2	16.8	25.2#
78	11.2	7.3	10.9#

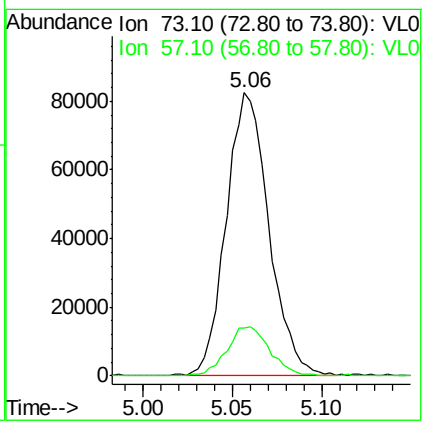


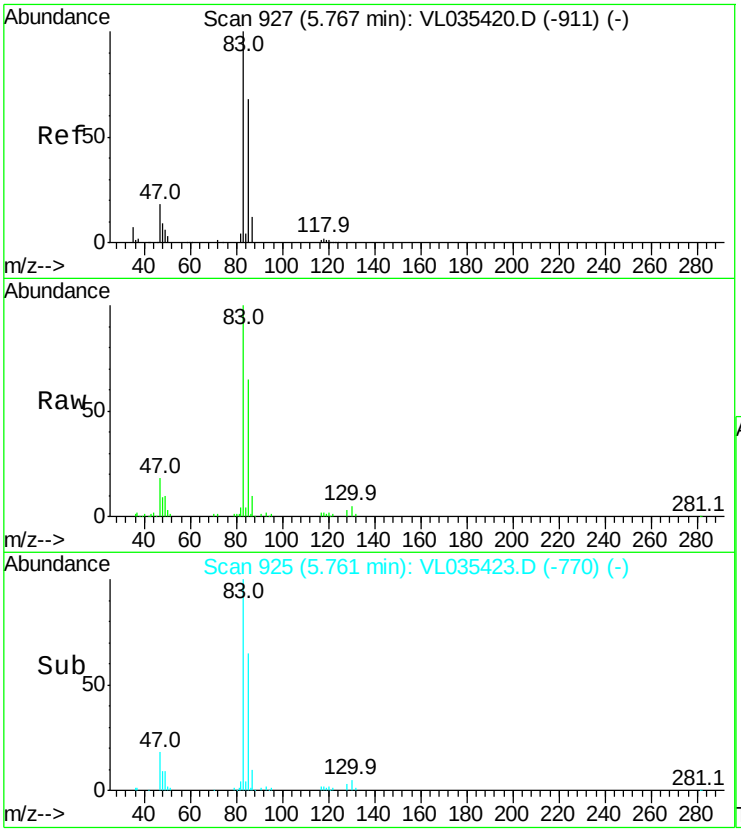


#28
Methyl tert-Butyl Ether
Concen: 0.669 ppbv
RT: 5.06 min Scan# 706
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 73 Resp: 136293

Ion	Ratio	Lower	Upper
73	100		
57	18.0	18.3	27.5#



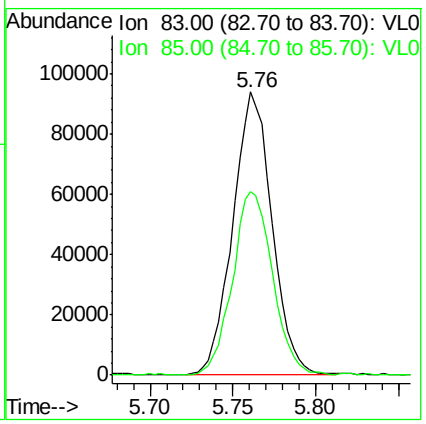


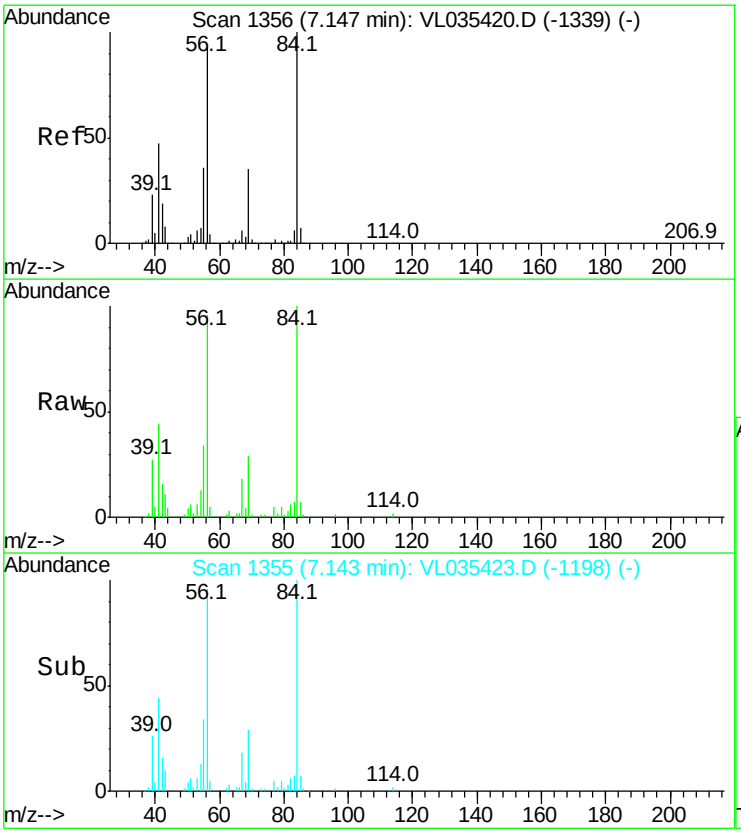
#29
Chloroform
Concen: 0.763 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 154744

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.7	79.1

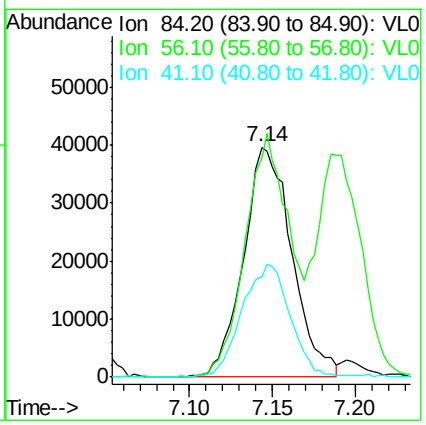


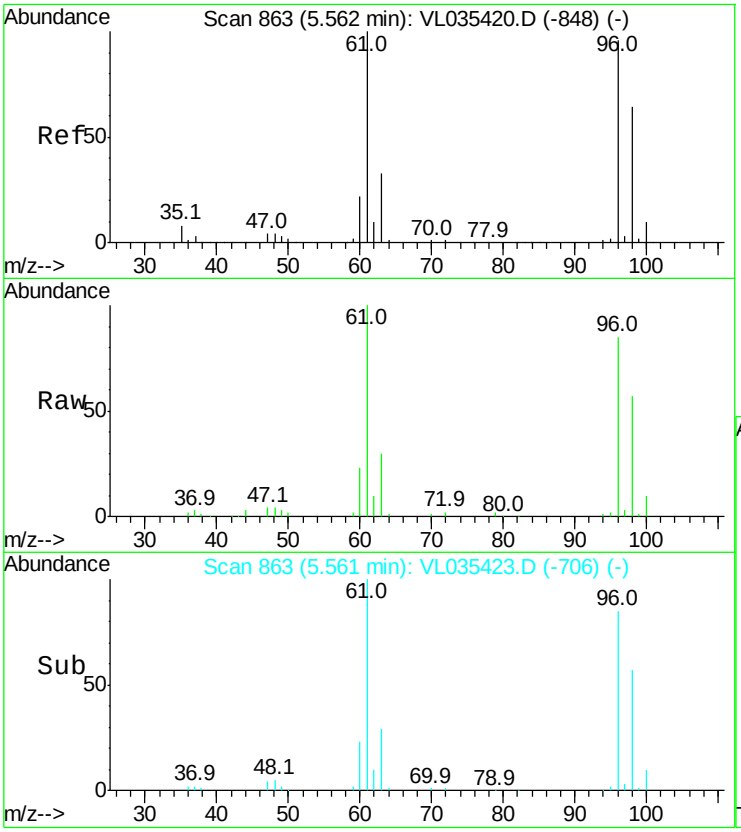


#30
Cyclohexane
Concen: 0.767 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 84 Resp: 80376

Ion	Ratio	Lower	Upper
84	100		
56	101.9	114.9	172.3#
41	49.3	72.3	108.5#



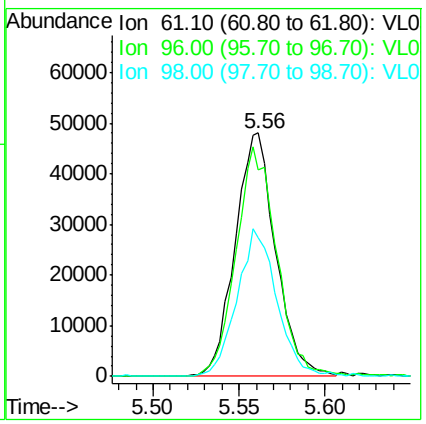


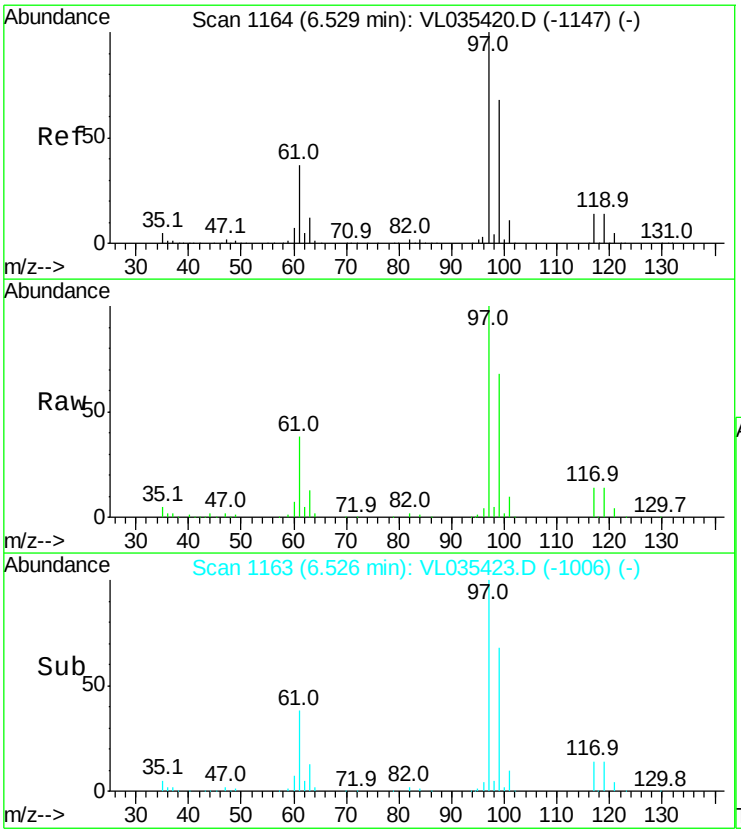
#31
cis-1,2-Dichloroethene
Concen: 0.583 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 78412

Ion	Ratio	Lower	Upper
61	100		
96	84.7	51.4	77.0#
98	56.8	32.9	49.3#

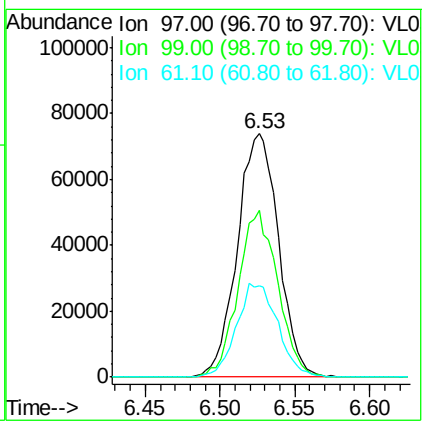


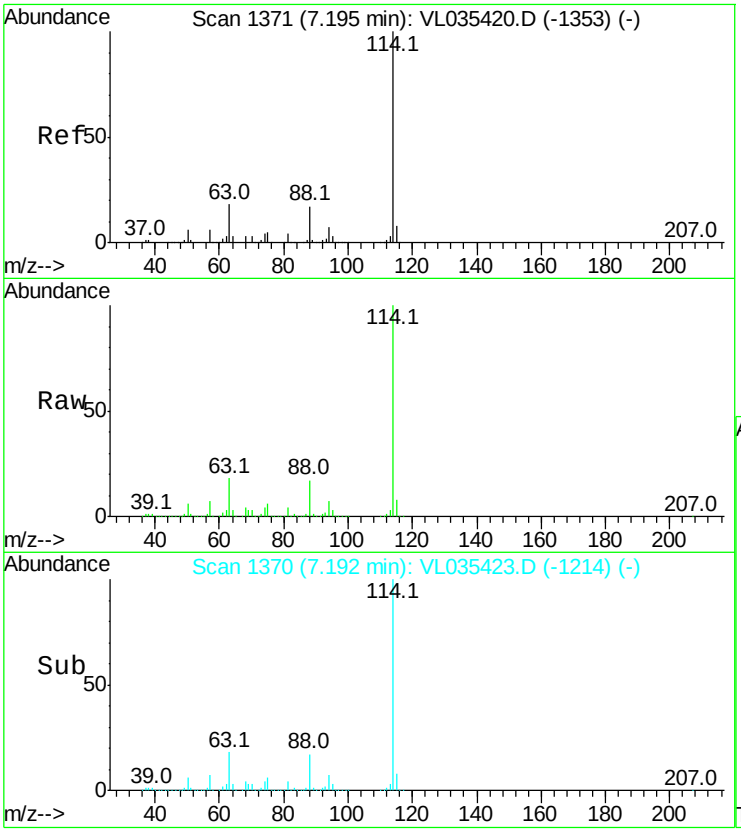


#32
1,1,1-Trichloroethane
Concen: 0.702 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 97 Resp: 141753

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.4	77.0
61	38.2	41.0	61.6#



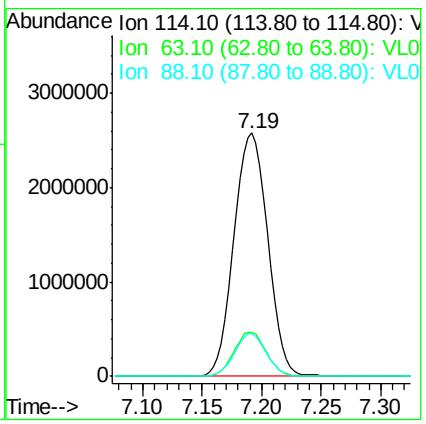


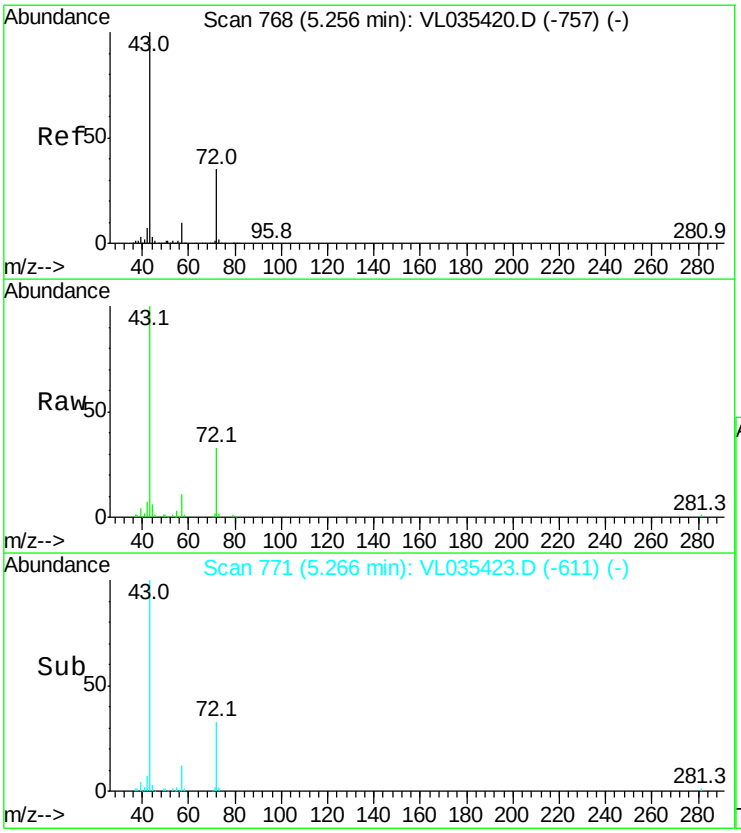
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 5086008

Ion	Ratio	Lower	Upper
114	100		
63	17.4	23.1	34.7#
88	16.5	15.9	23.9

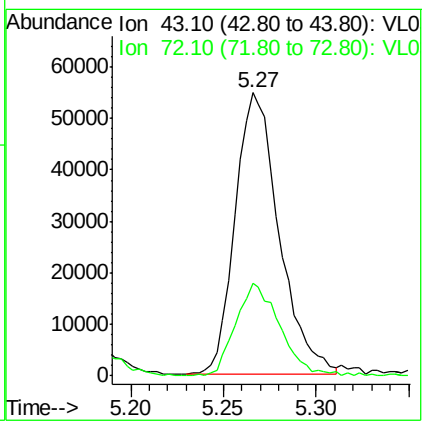


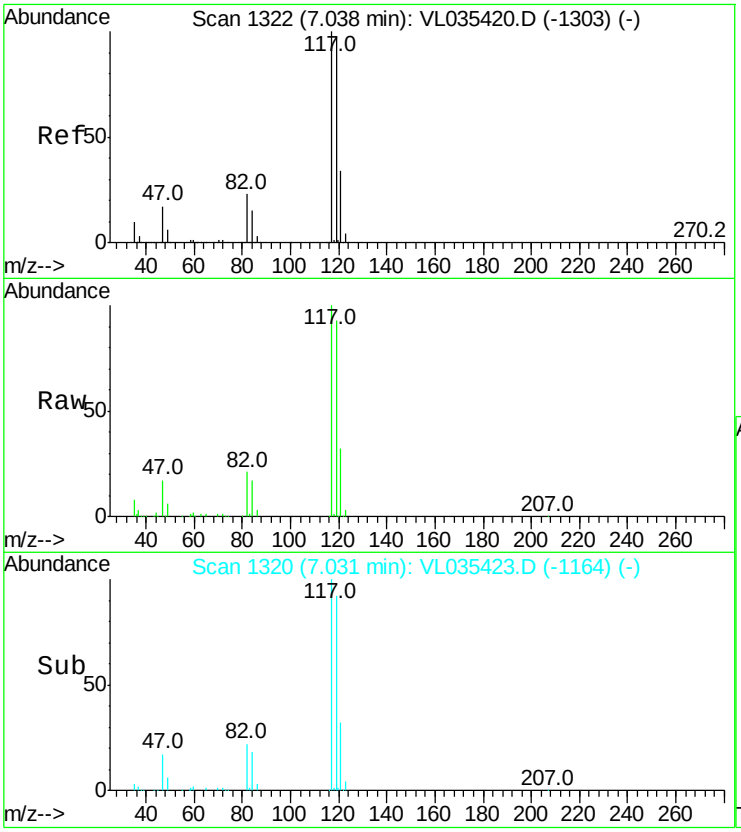


#34
2-Butanone
Concen: 0.229 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 43 Resp: 89814

Ion	Ratio	Lower	Upper
43	100		
72	33.9	17.6	26.4#



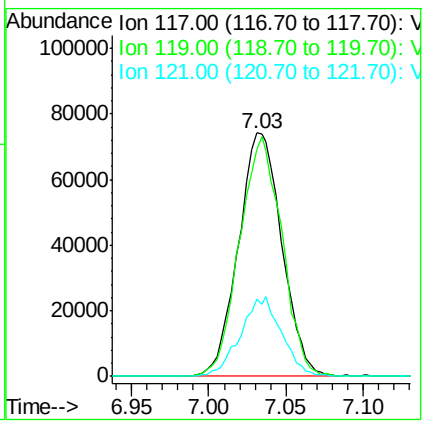


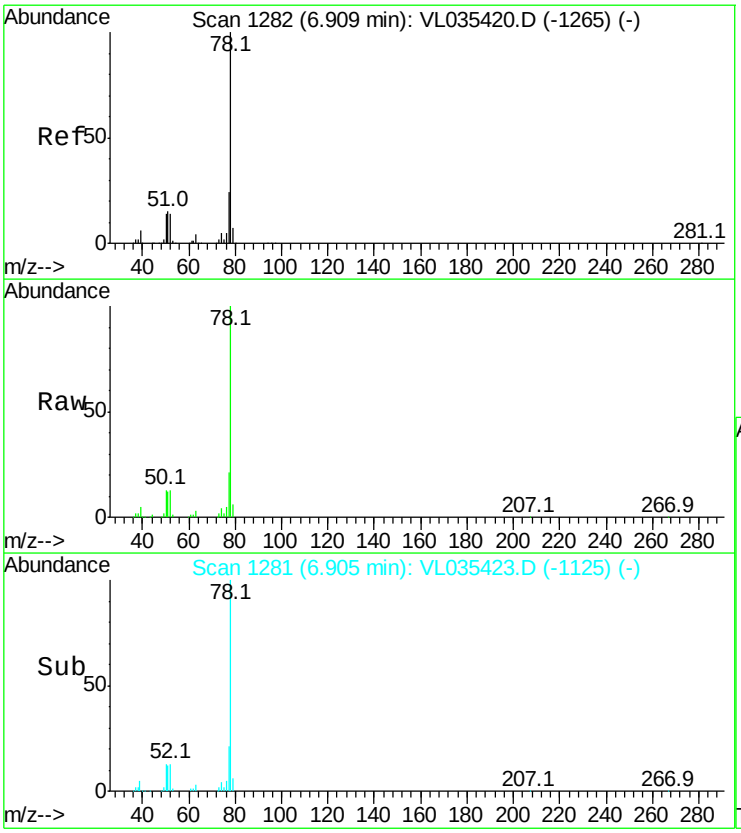
#35
Carbon Tetrachloride
Concen: 0.384 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:117 Resp: 144933

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.1	114.1
121	31.6	25.5	38.3

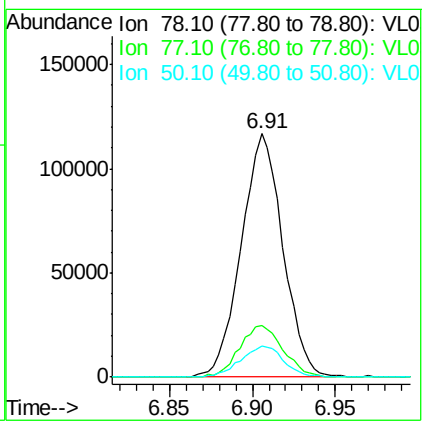


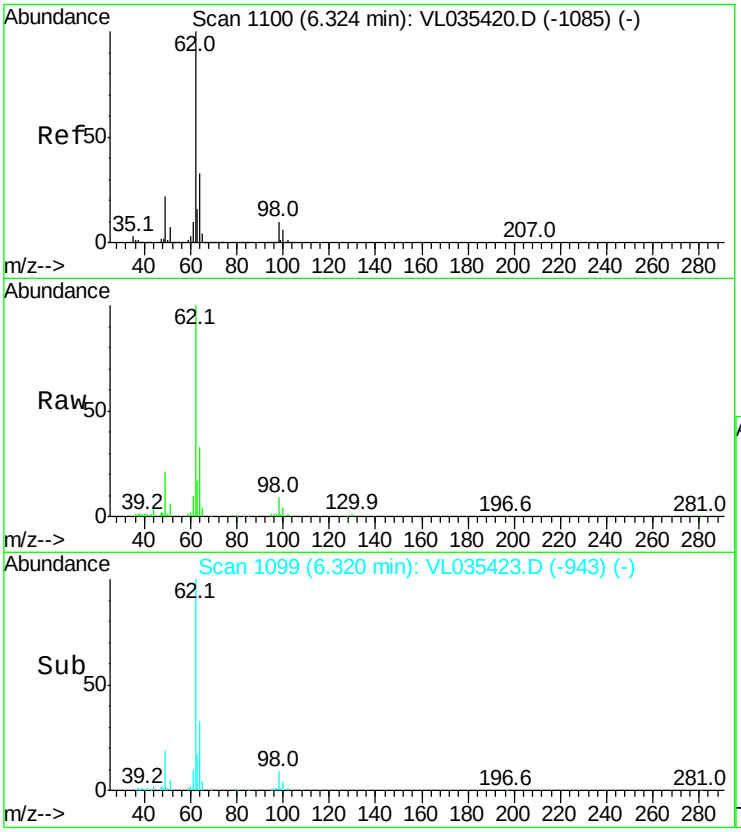


#36
Benzene
Concen: 0.394 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 78 Resp: 203527

Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.6	29.4
50	13.0	16.3	24.5#



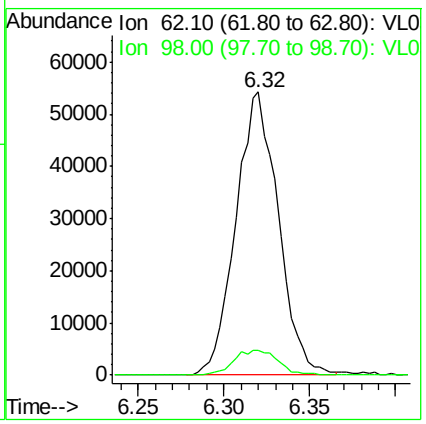


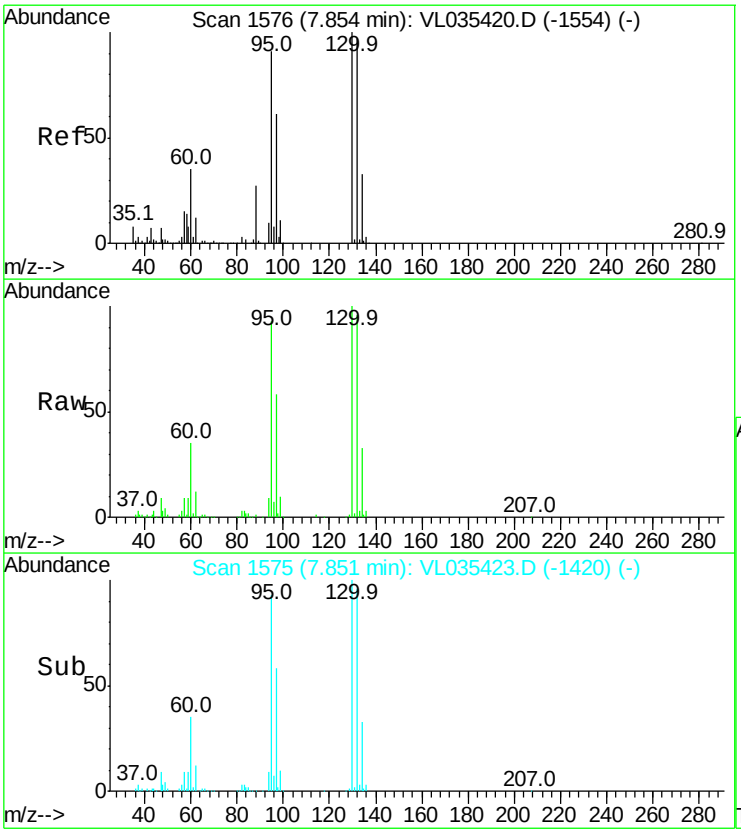
#37
1,2-Dichloroethane
Concen: 0.291 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 92762

Ion	Ratio	Lower	Upper
62	100		
98	9.1	4.6	7.0#

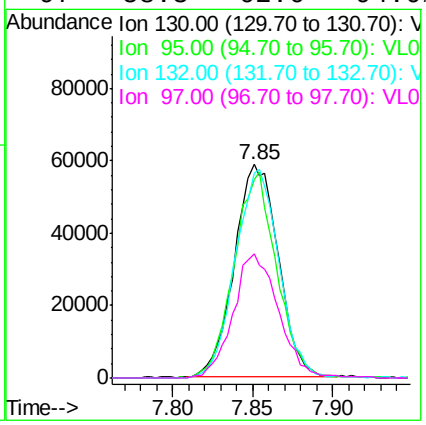


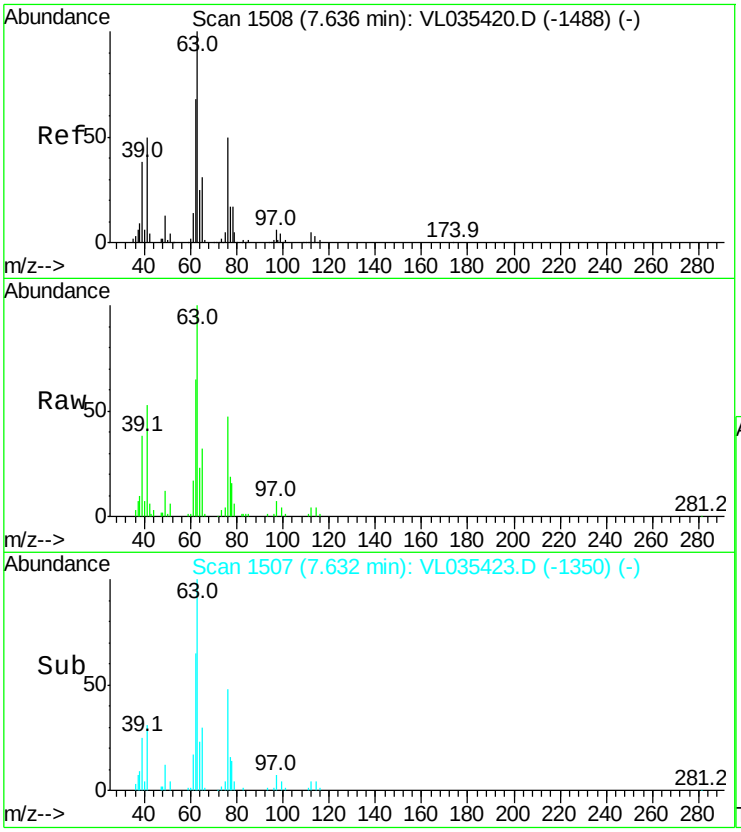


#38
Trichloroethene
Concen: 0.549 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:130 Resp: 109608

Ion	Ratio	Lower	Upper
130	100		
95	93.2	95.8	143.8#
132	96.2	74.3	111.5
97	58.3	62.6	94.0#



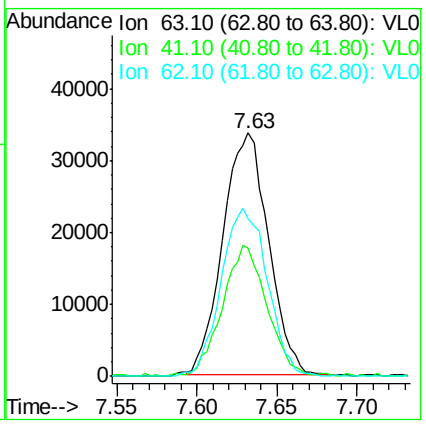


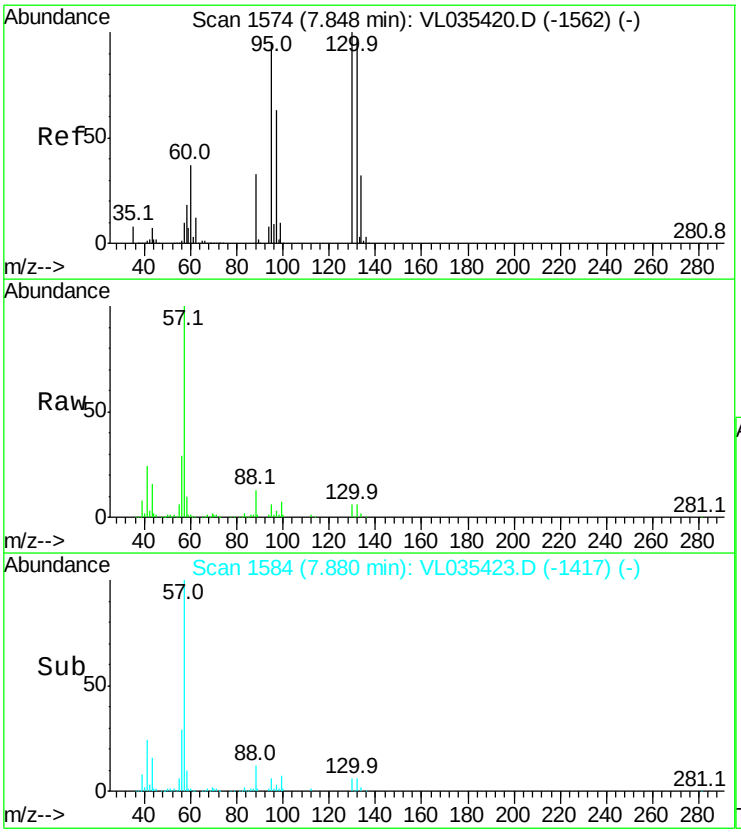
#39
1,2-Dichloropropane
Concen: 0.315 ppbv
RT: 7.63 min Scan# 1507
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 65582

Ion	Ratio	Lower	Upper
63	100		
41	53.3	61.1	91.7#
62	64.6	55.3	82.9

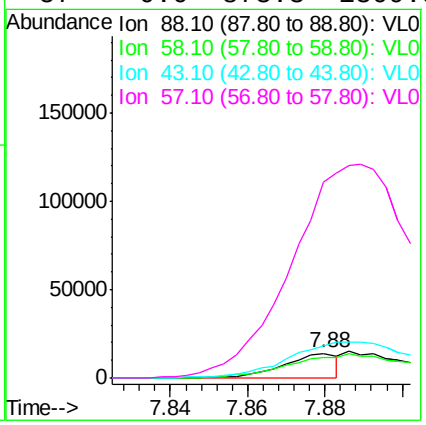


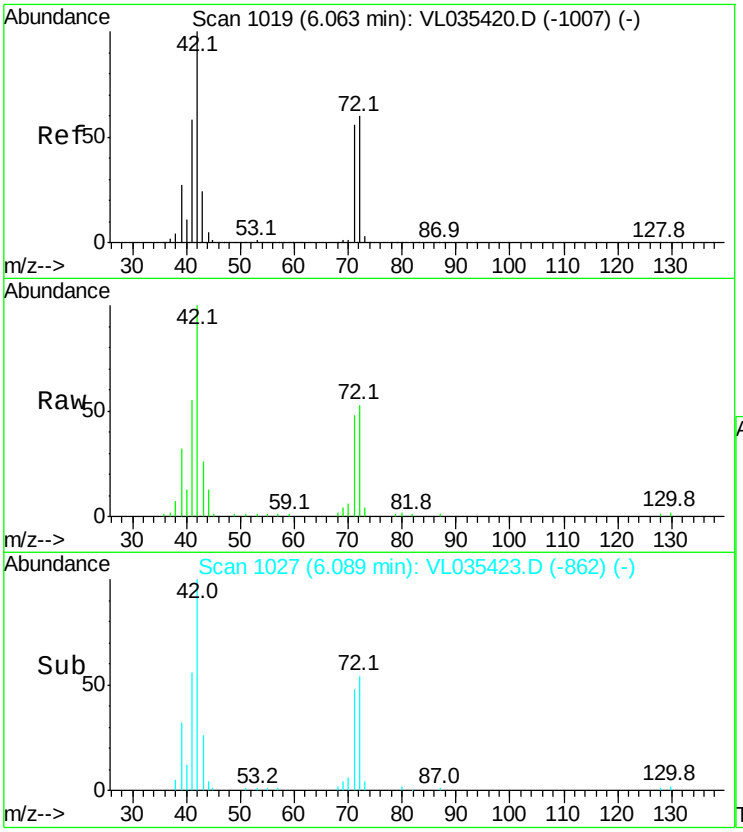


#40
1,4-Dioxane
Concen: 0.170 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.04 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 88 Resp: 13710

Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.6	160.0#
43	0.0	209.7	314.5#
57	0.0	873.3	1309.9#



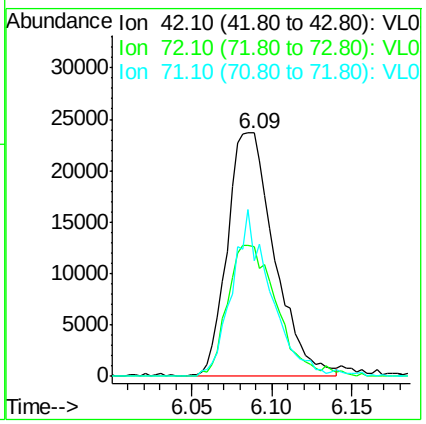


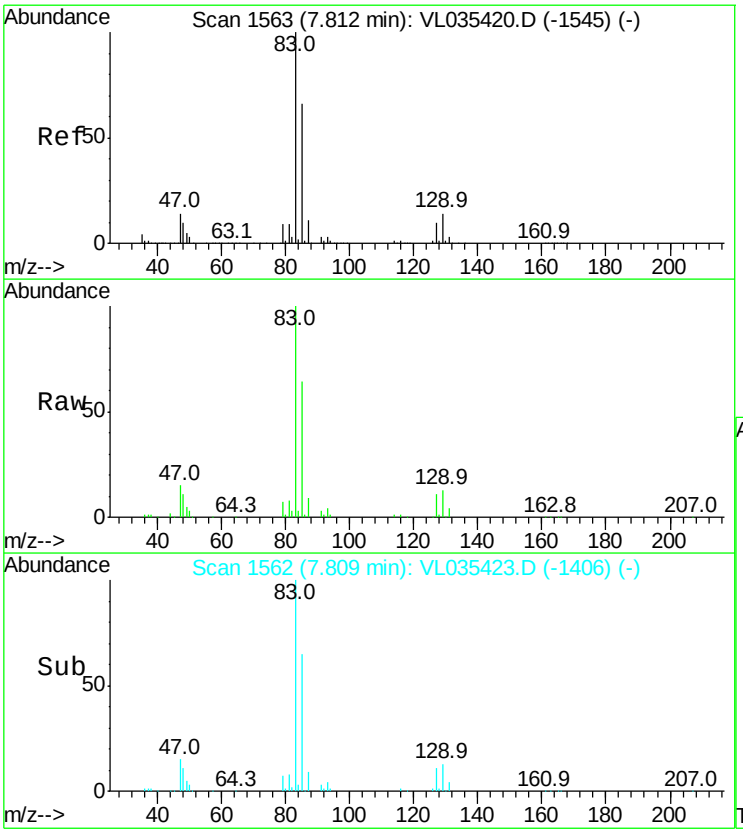
#41
Tetrahydrofuran
Concen: 0.216 ppbv
RT: 6.09 min Scan# 1027
Delta R.T. 0.03 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 47652

Ion	Ratio	Lower	Upper
42	100		
72	56.8	29.4	44.2#
71	56.5	28.9	43.3#

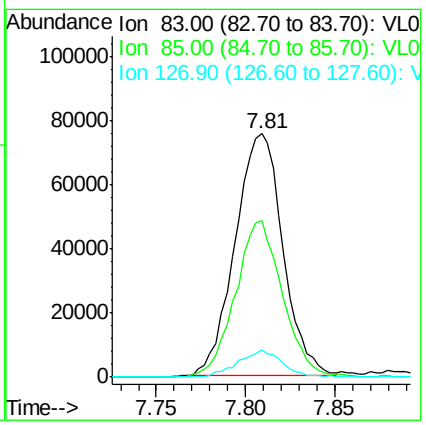


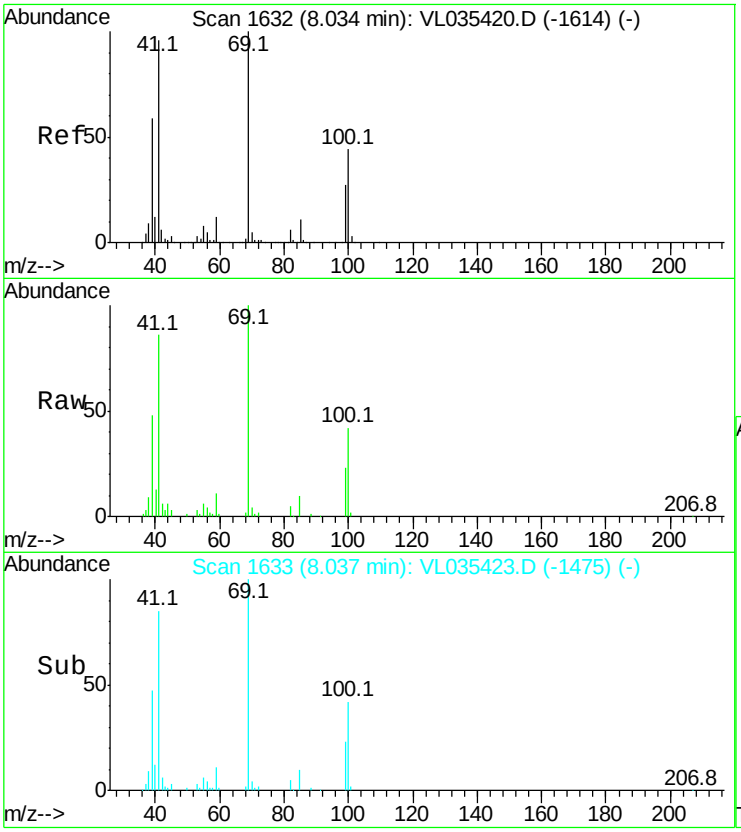


#42
Bromodichloromethane
Concen: 0.347 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 83 Resp: 141126

Ion	Ratio	Lower	Upper
83	100		
85	64.8	54.8	82.2
127	11.1	6.1	9.1#



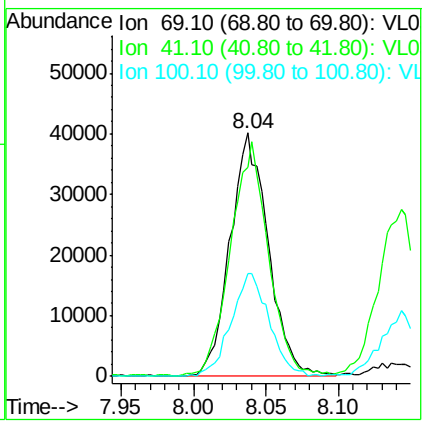


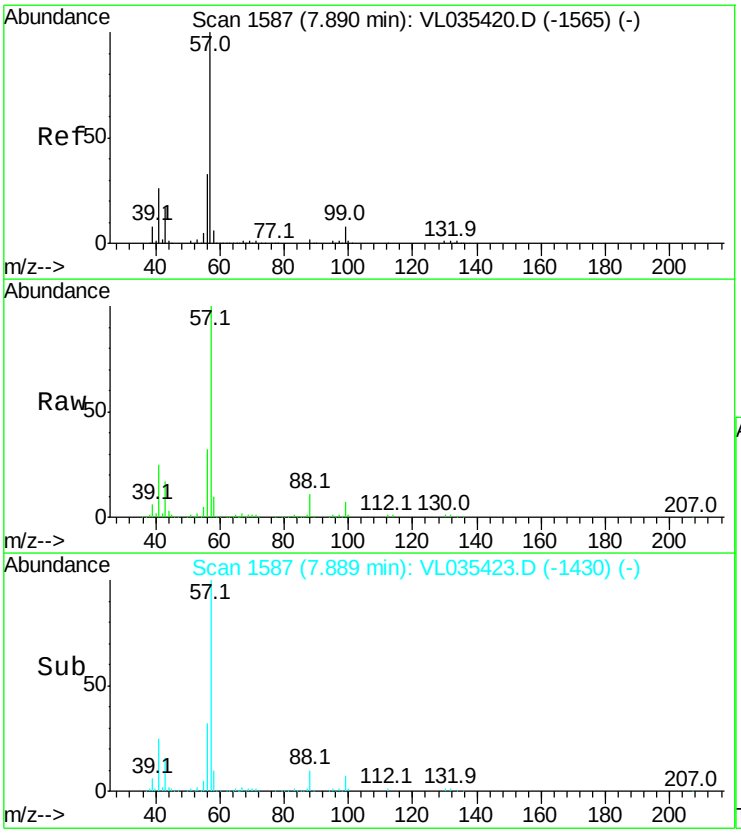
#43
Methyl Methacrylate
Concen: 0.328 ppbv
RT: 8.04 min Scan# 1633
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 69 Resp: 73686

Ion	Ratio	Lower	Upper
69	100		
41	95.9	123.4	185.0#
100	42.3	24.2	36.4#

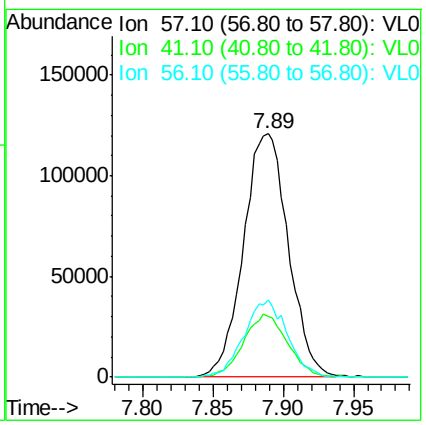


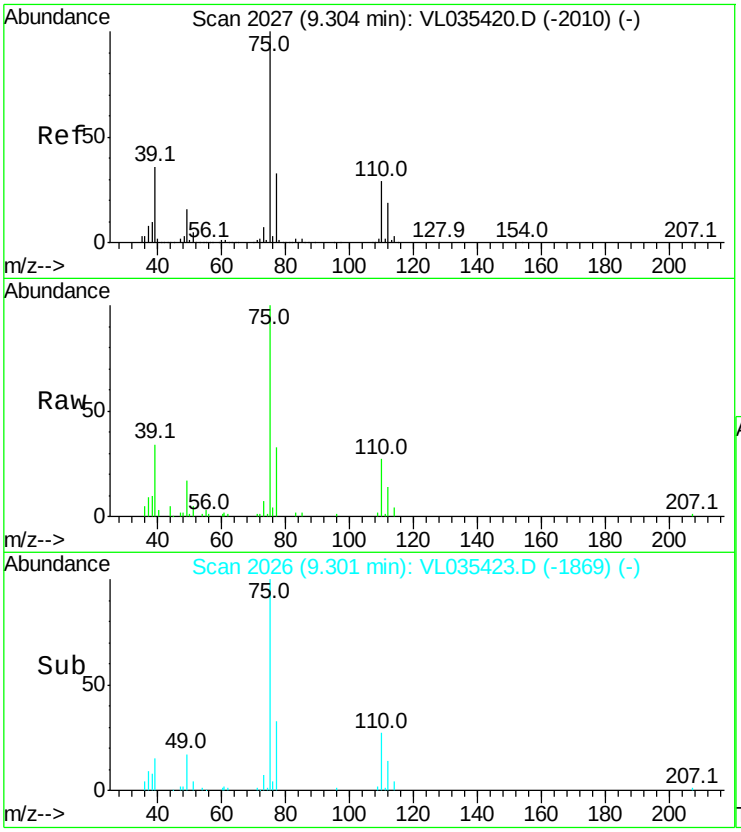


#44
2,2,4-Trimethylpentane
Concen: 0.299 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 57 Resp: 269436

Ion	Ratio	Lower	Upper
57	100		
41	25.5	27.2	40.8#
56	30.5	25.4	38.0



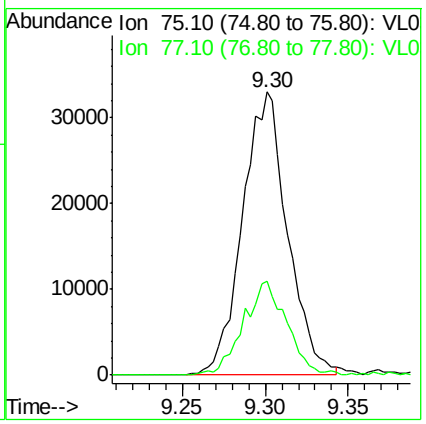


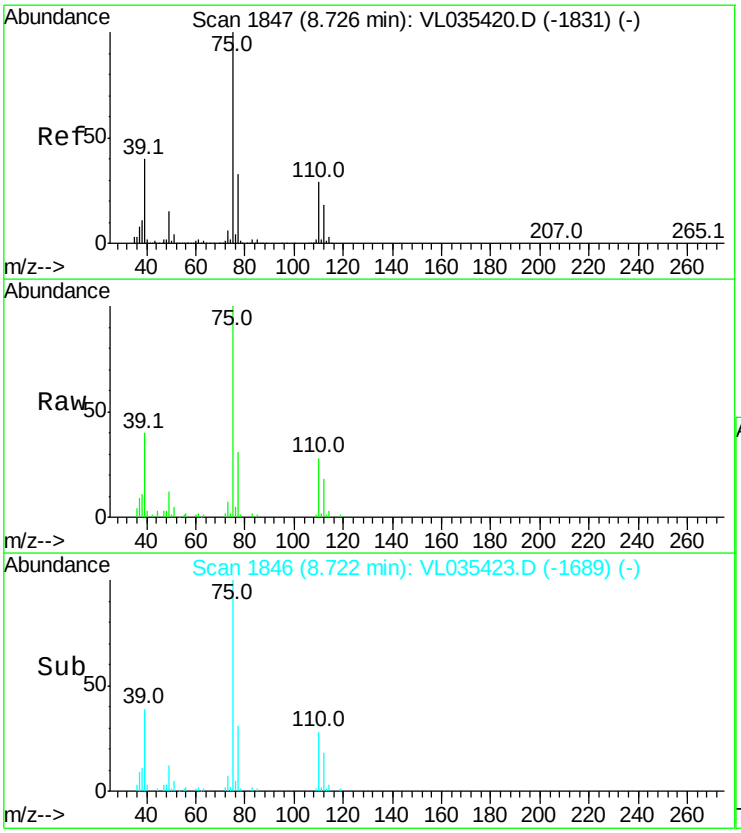
#45
t-1,3-Dichloropropene
Concen: 0.264 ppbv
RT: 9.30 min Scan# 2026
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 62345

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.6

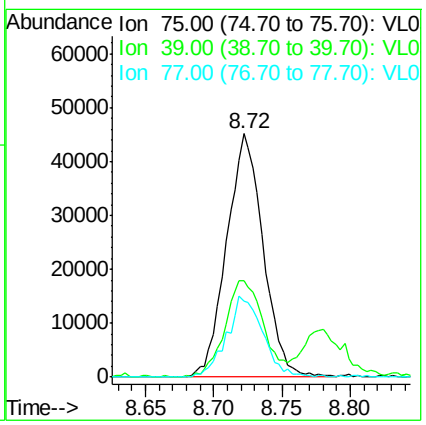


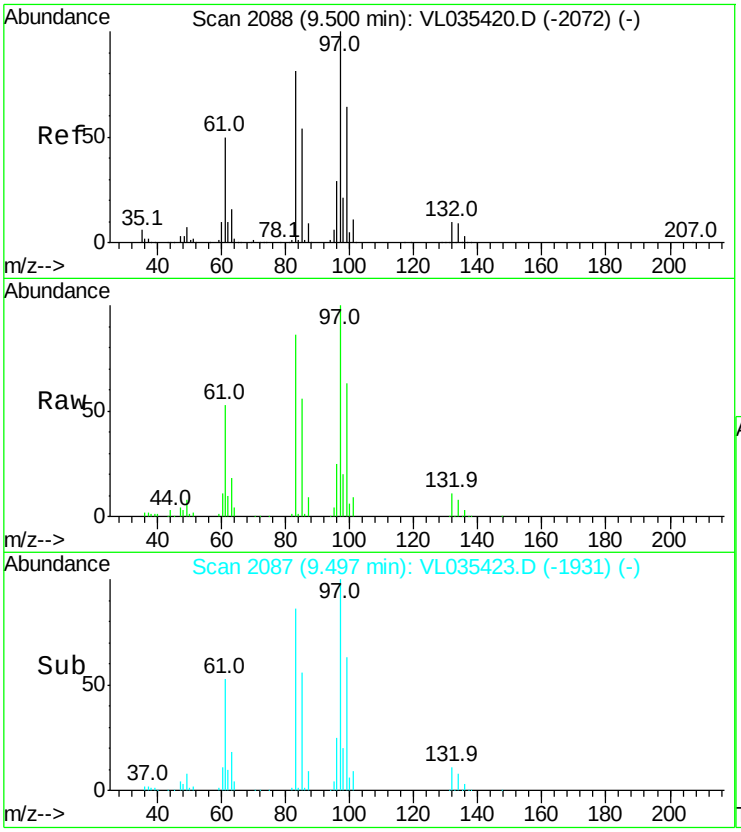


#46
cis-1,3-Dichloropropene
Concen: 0.294 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 75 Resp: 84124

Ion	Ratio	Lower	Upper
75	100		
39	39.0	55.8	83.6#
77	31.1	25.6	38.4



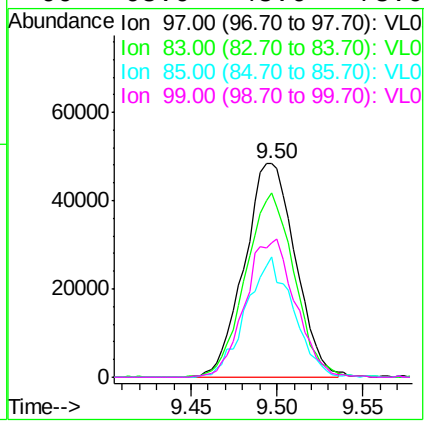


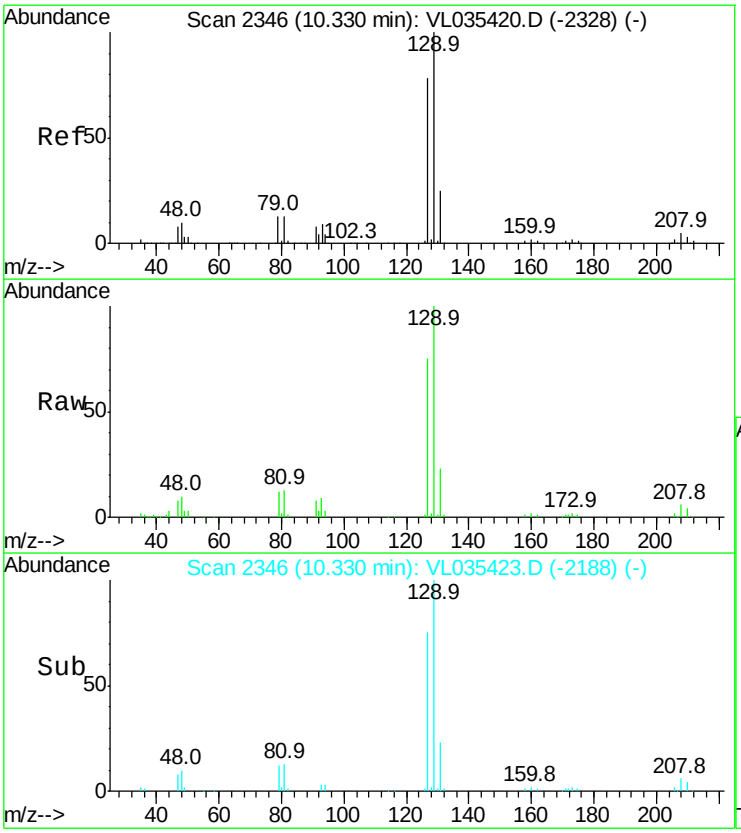
#47
1,1,2-Trichloroethane
Concen: 0.476 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 97 Resp: 99527

Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.1	108.1
85	56.1	46.8	70.2
99	63.0	48.6	73.0

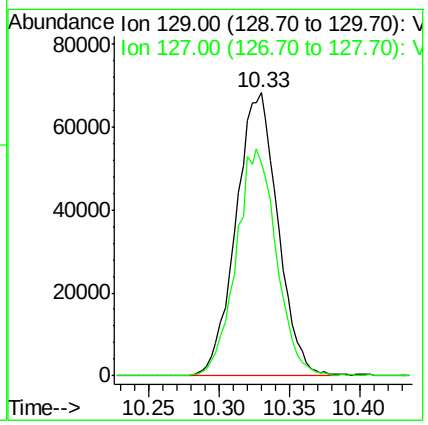


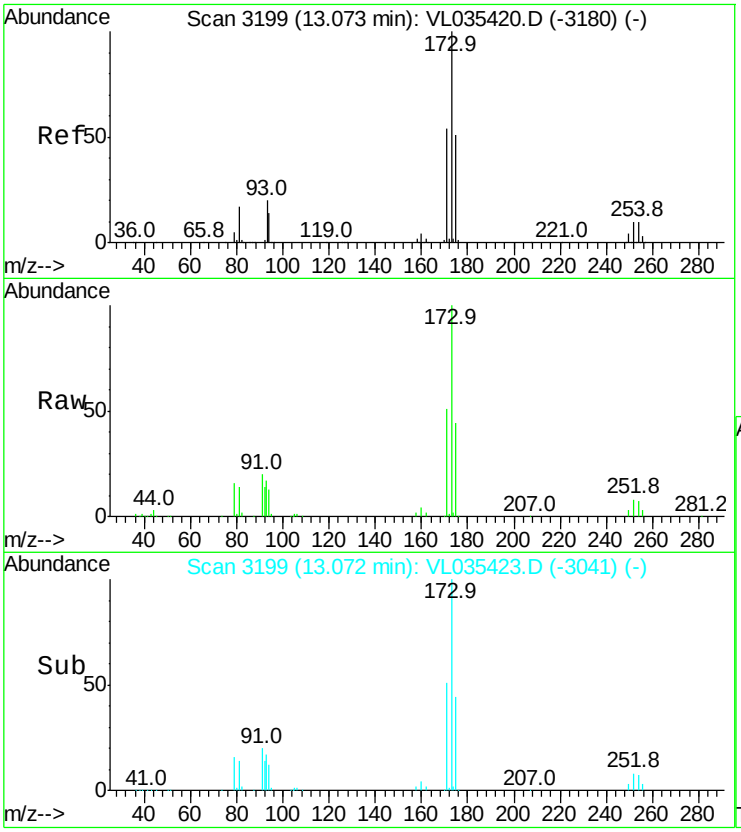


#48
Dibromochloromethane
Concen: 0.466 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:129 Resp: 142012

Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.5	118.5



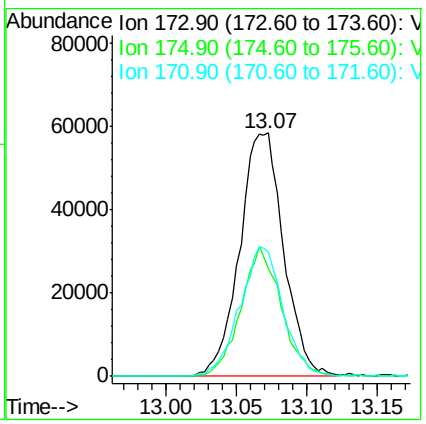


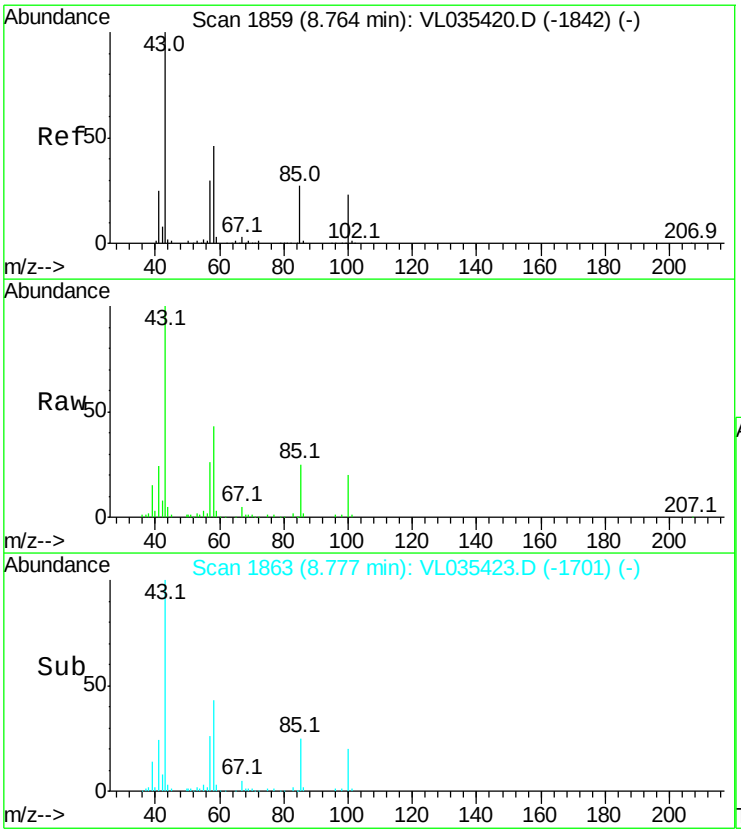
#49
Bromoform
Concen: 0.532 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:173 Resp: 127449

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.8	59.8
171	52.3	42.4	63.6

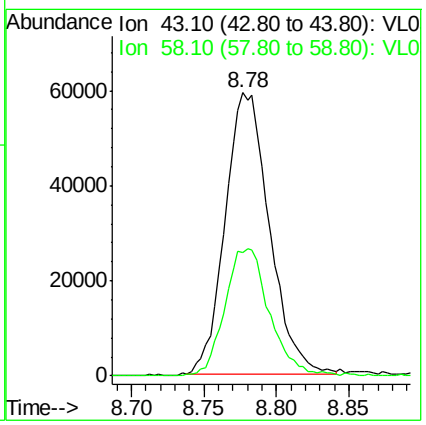


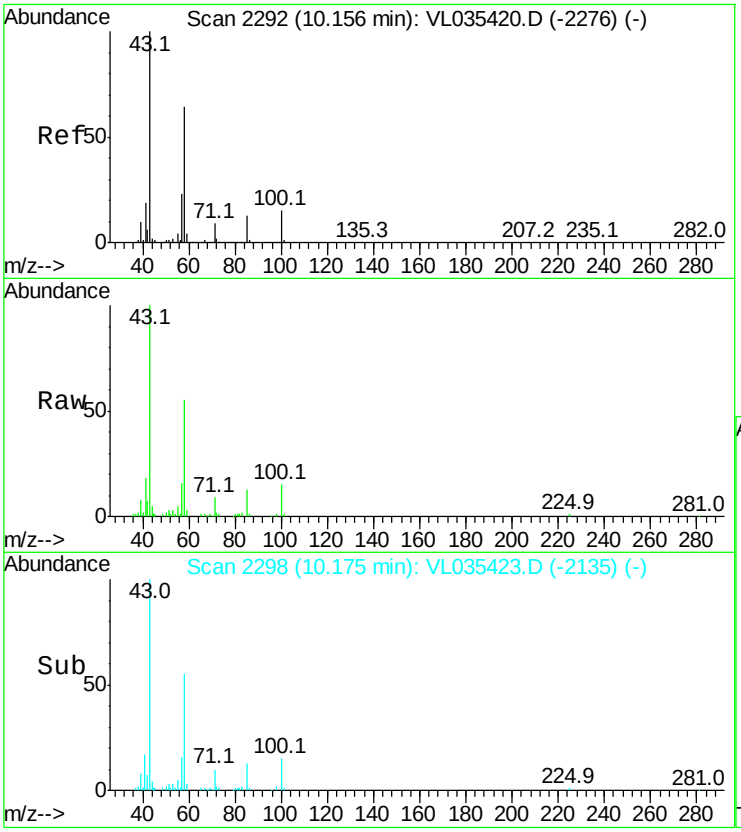


#50
4-Methyl-2-Pentanone
Concen: 0.220 ppbv
RT: 8.78 min Scan# 1863
Delta R.T. 0.02 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 43 Resp: 124771

Ion	Ratio	Lower	Upper
43	100		
58	45.9	28.7	43.1#



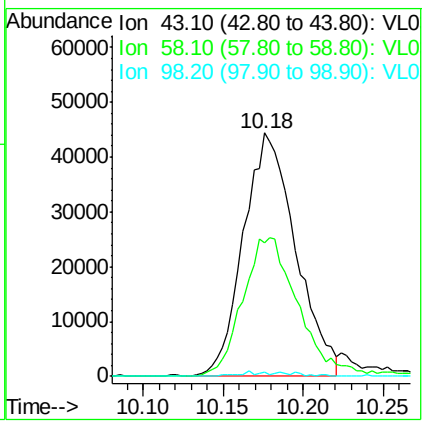


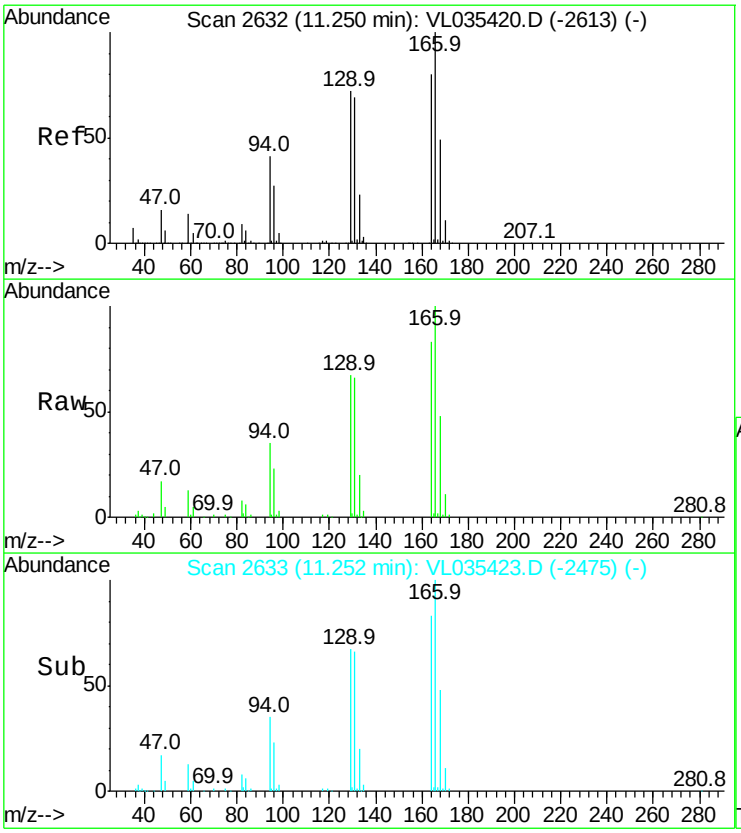
#51
2-Hexanone
Concen: 0.208 ppbv
RT: 10.18 min Scan# 2298
Delta R.T. 0.03 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 100017

Ion	Ratio	Lower	Upper
43	100		
58	61.5	38.6	58.0#
98	1.7	0.2	0.2#

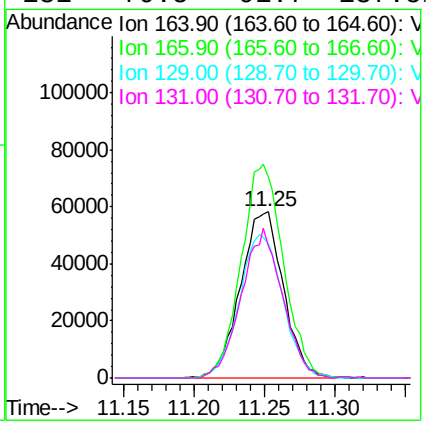


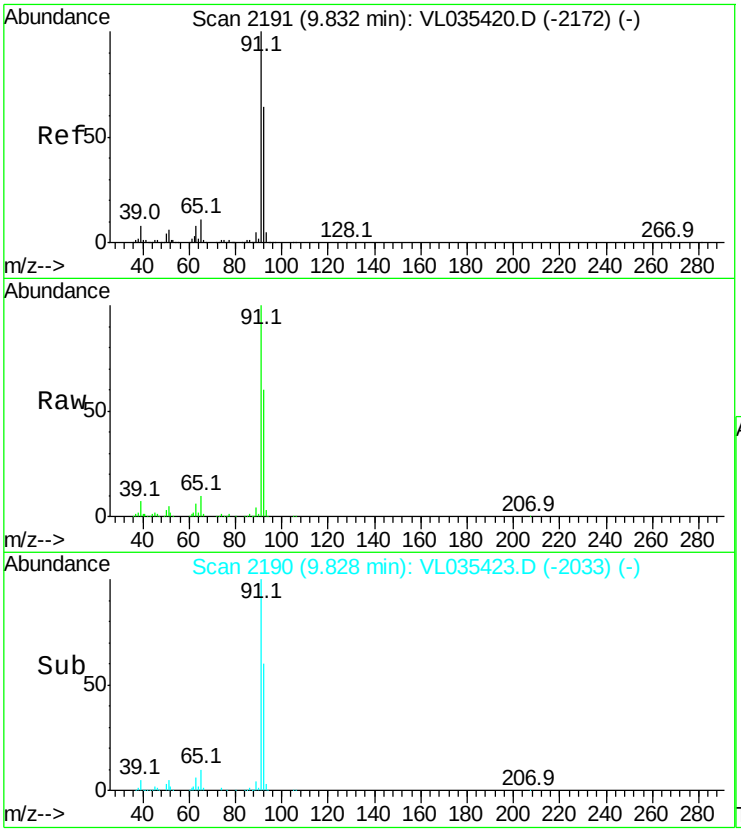


#52
Tetrachloroethene
Concen: 0.677 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:164 Resp: 124373

Ion	Ratio	Lower	Upper
164	100		
166	119.9	103.4	155.0
129	80.5	90.2	135.4#
131	79.5	91.7	137.5#



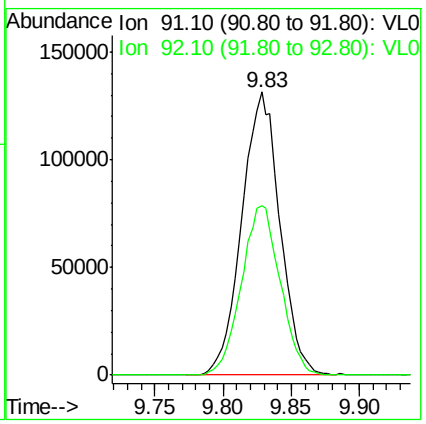


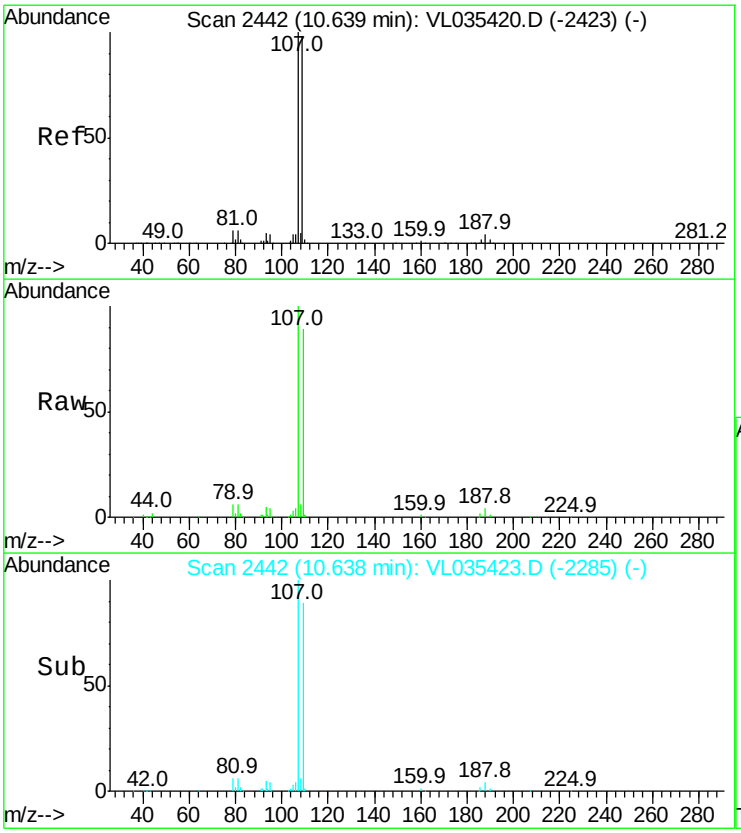
#53
Toluene
Concen: 0.434 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 254985

Ion	Ratio	Lower	Upper
91	100		
92	61.2	49.1	73.7

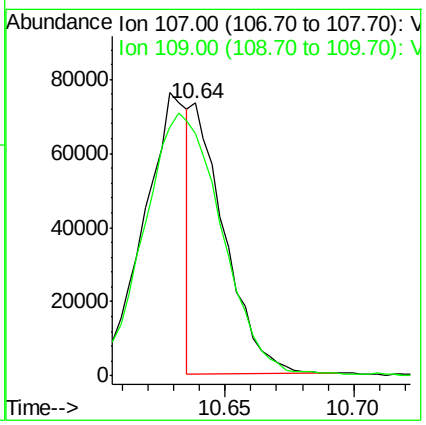


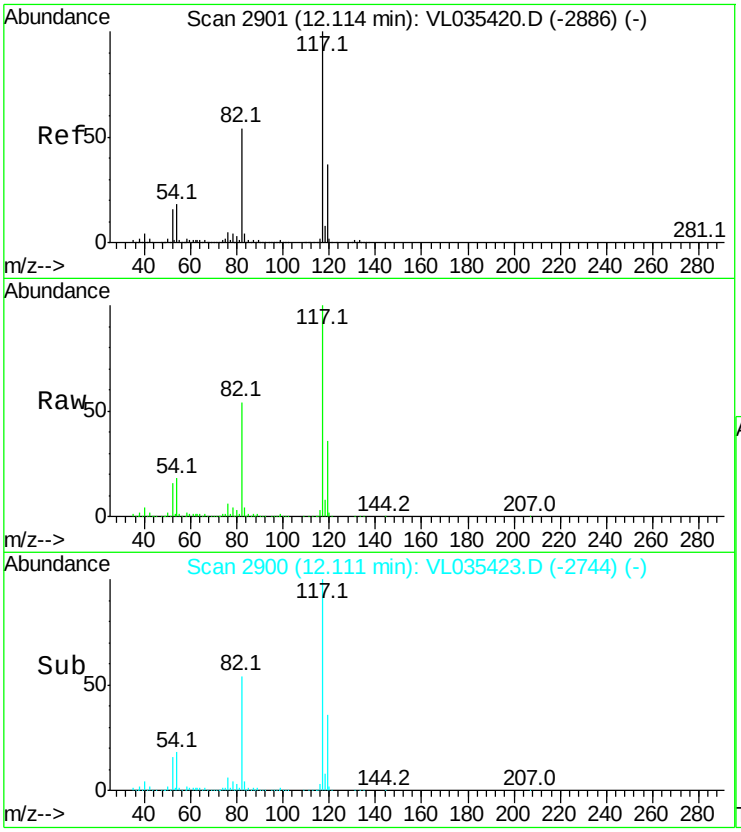


#54
1,2-Dibromoethane
Concen: 0.203 ppbv
RT: 10.64 min Scan# 2442
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:107 Resp: 65414

Ion	Ratio	Lower	Upper
107	100		
109	88.5	75.1	112.7



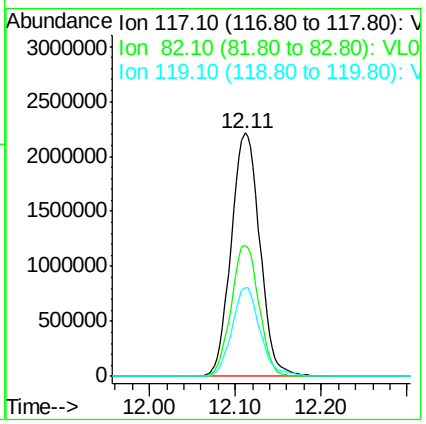


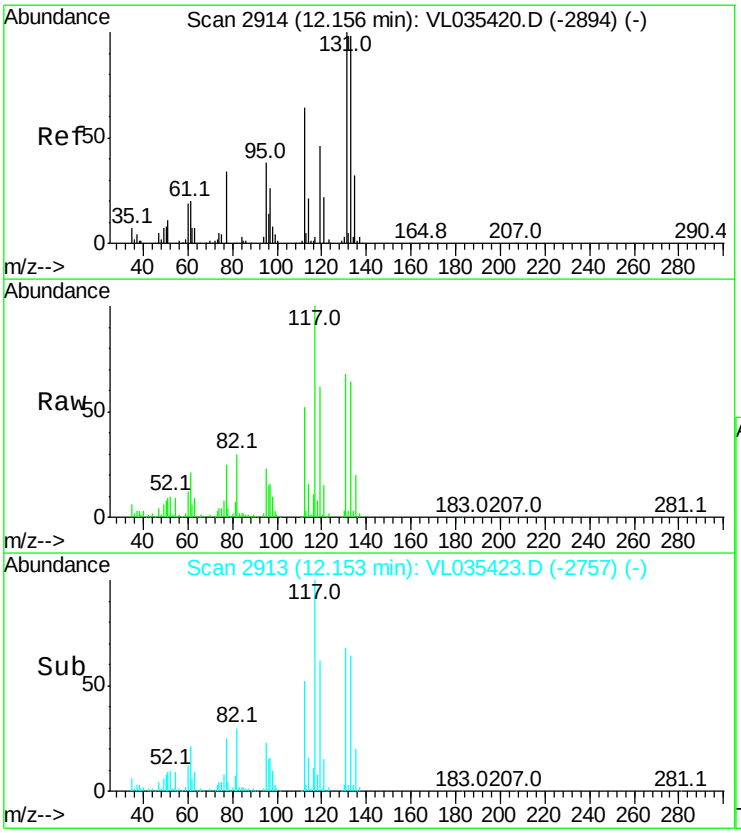
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 5124529

Ion	Ratio	Lower	Upper
117	100		
82	52.1	57.4	86.0#
119	35.9	28.4	42.6

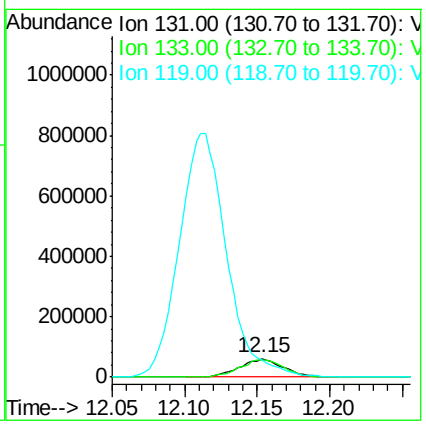


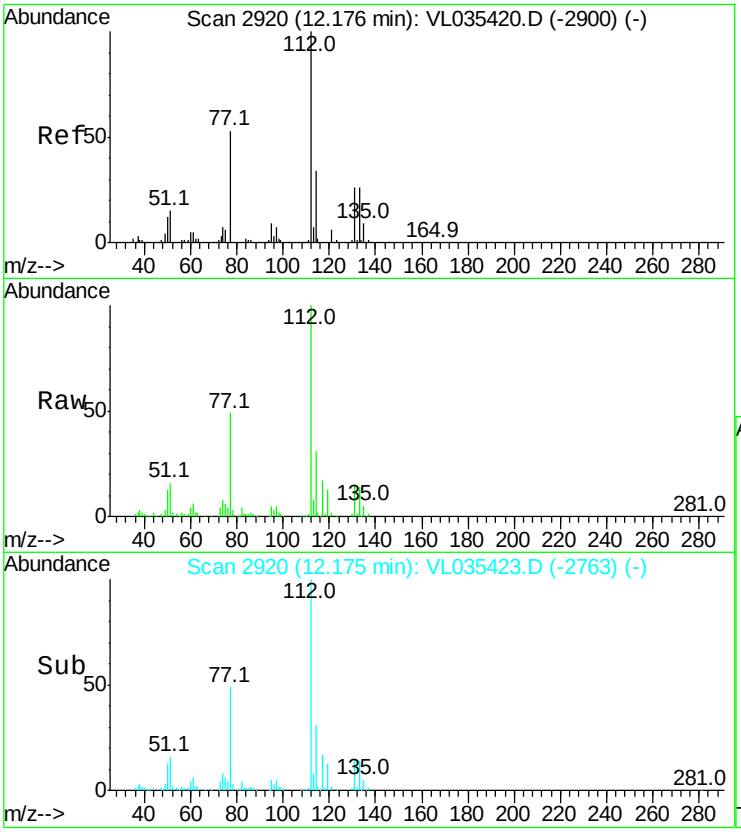


#56
1,1,1,2-Tetrachloroethane
Concen: 0.497 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:131 Resp: 125208

Ion	Ratio	Lower	Upper
131	100		
133	98.0	76.1	114.1
119	1470.9	50.7	76.1#



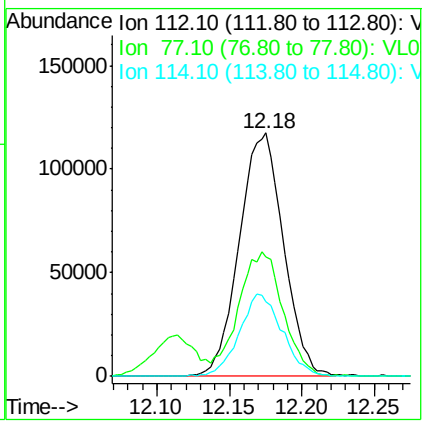


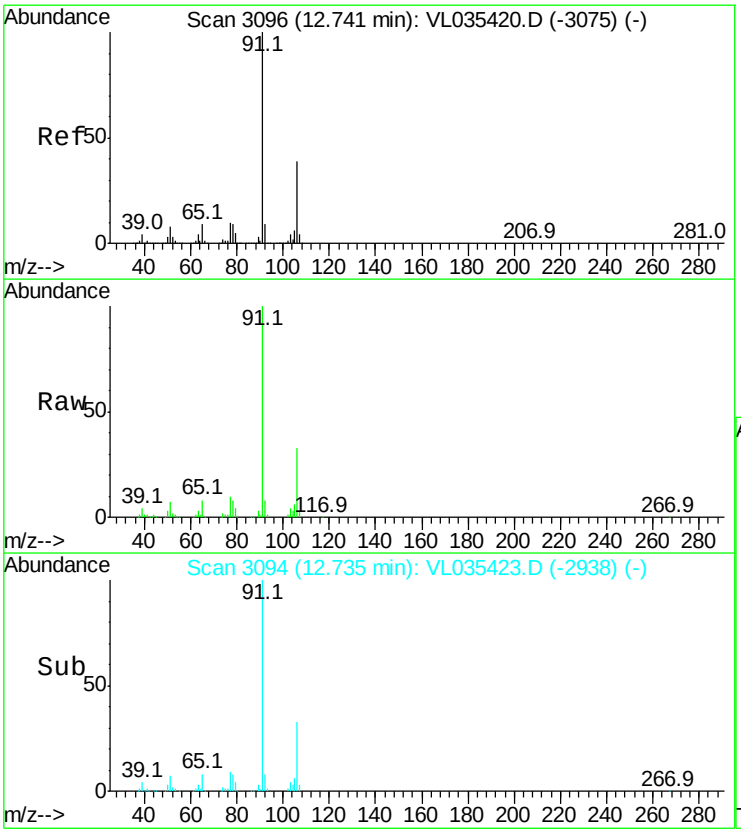
#57
Chlorobenzene
Concen: 0.539 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 249457

Ion	Ratio	Lower	Upper
112	100		
77	48.5	60.6	91.0#
114	30.6	28.5	34.9

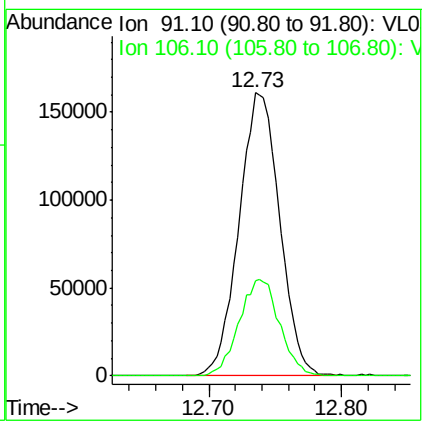


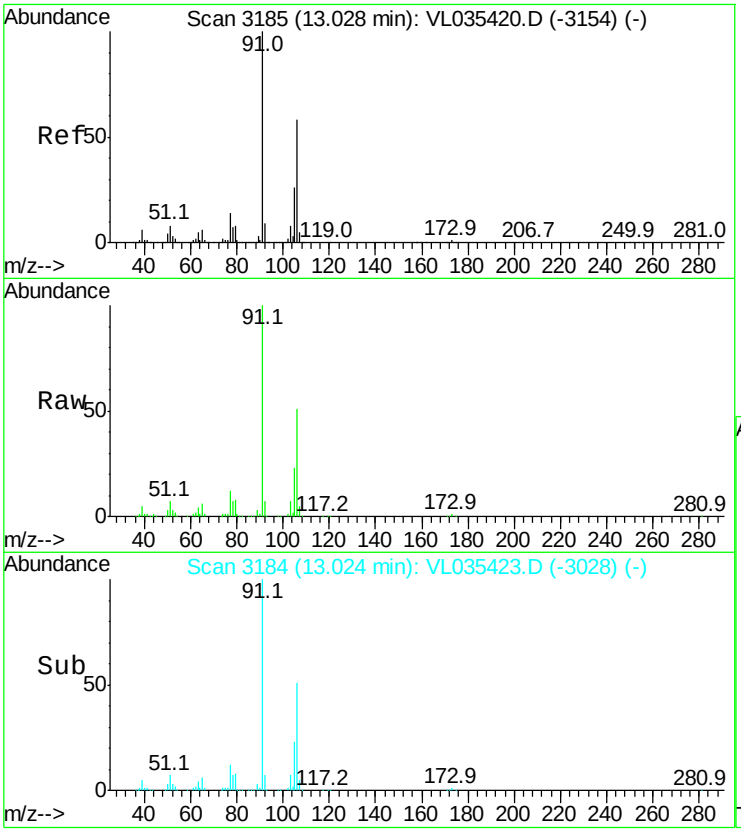


#58
Ethyl Benzene
Concen: 0.404 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 91 Resp: 342866

Ion	Ratio	Lower	Upper
91	100		
106	33.4	24.1	36.1



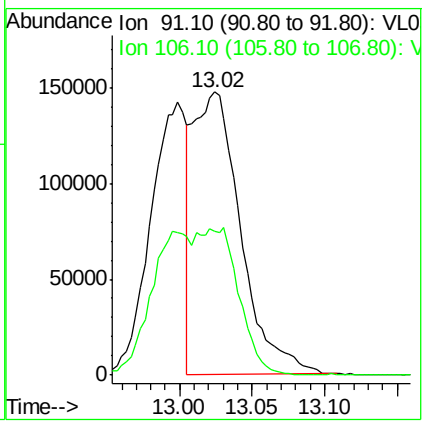


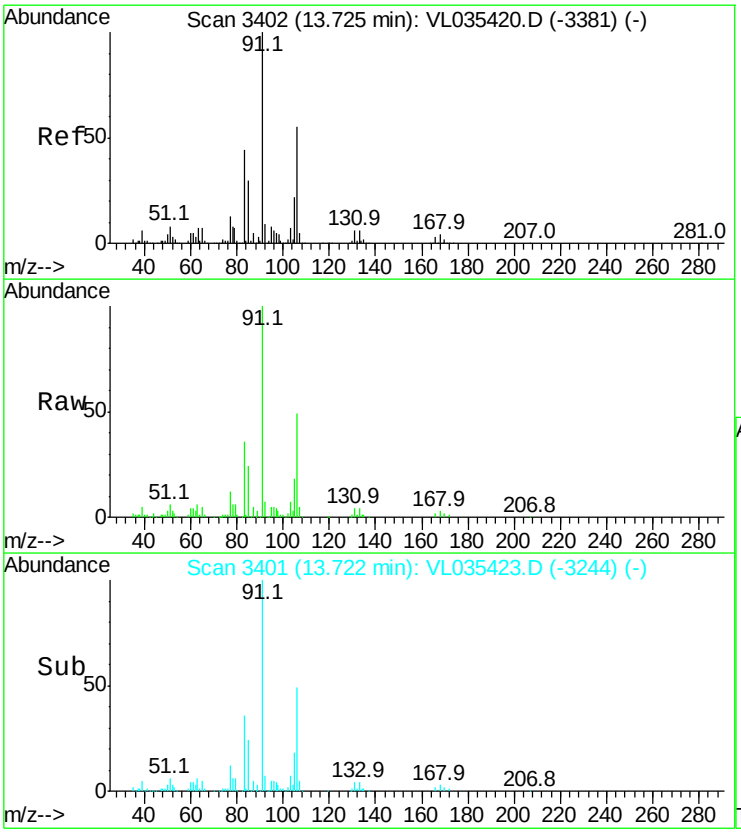
#59
m/p-Xylene
Concen: 0.472 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 334287

Ion	Ratio	Lower	Upper
91	100		
106	89.1	34.0	51.0#

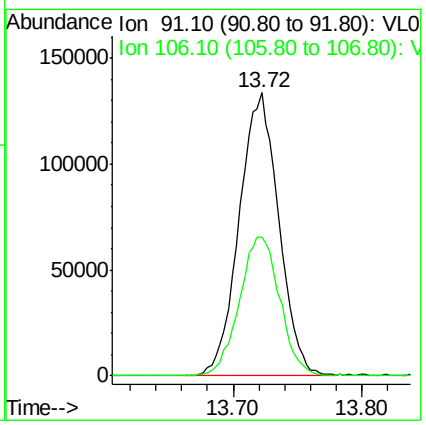


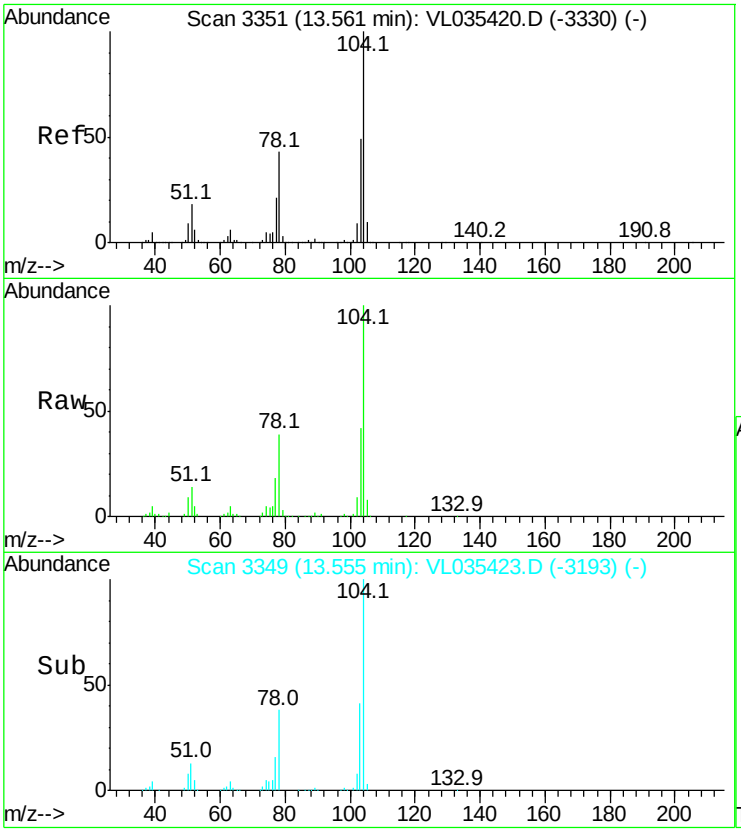


#60
o-Xylene
Concen: 0.407 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 91 Resp: 283562

Ion	Ratio	Lower	Upper
91	100		
106	50.6	21.8	65.3



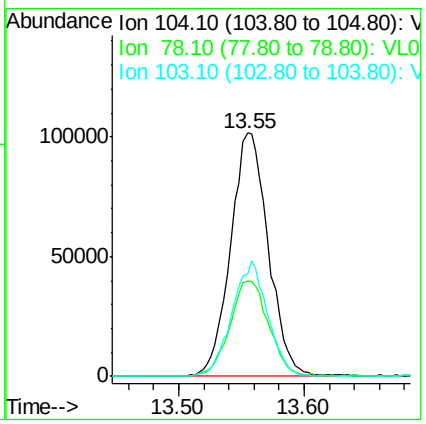


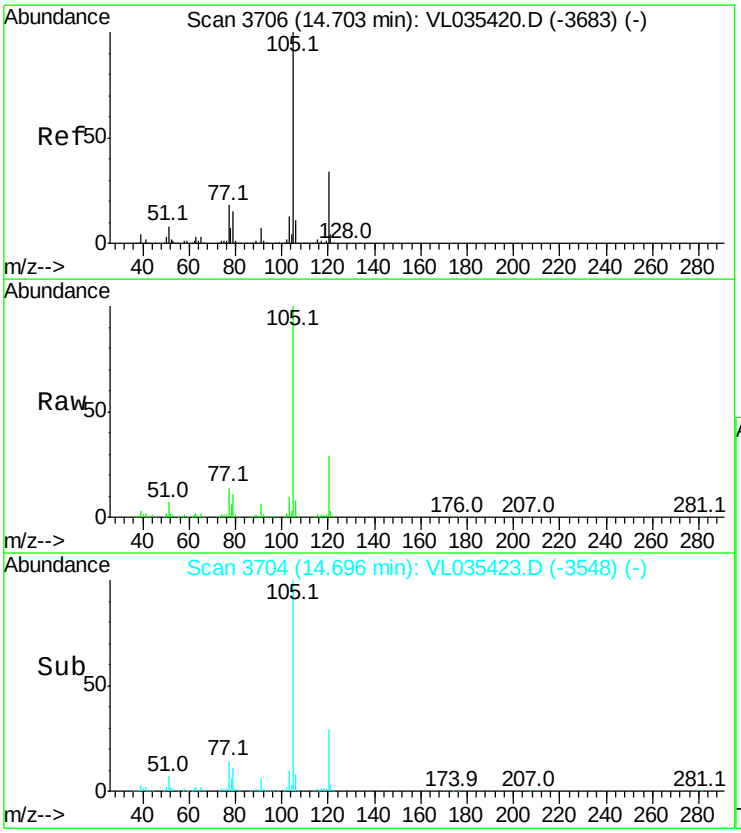
#61
Styrene
Concen: 0.447 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:104 Resp: 212846

Ion	Ratio	Lower	Upper
104	100		
78	40.7	45.4	68.2#
103	44.9	37.8	56.8

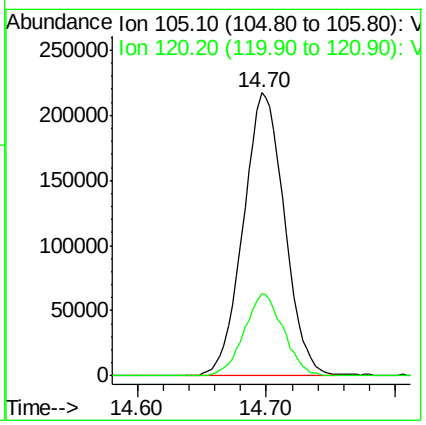


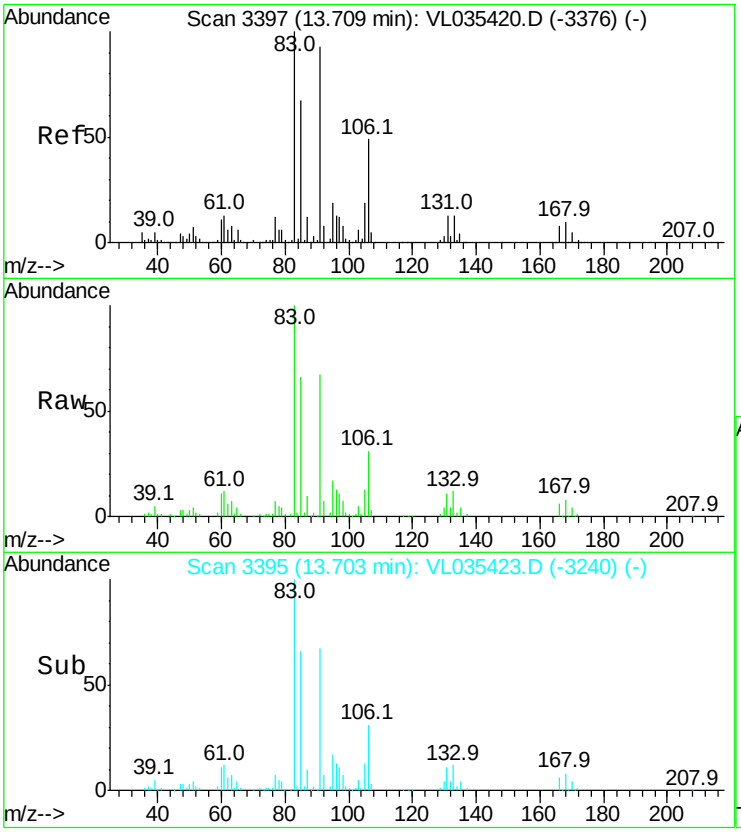


#62
Isopropylbenzene
Concen: 0.471 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:105 Resp: 483709

Ion	Ratio	Lower	Upper
105	100		
120	27.9	20.3	30.5



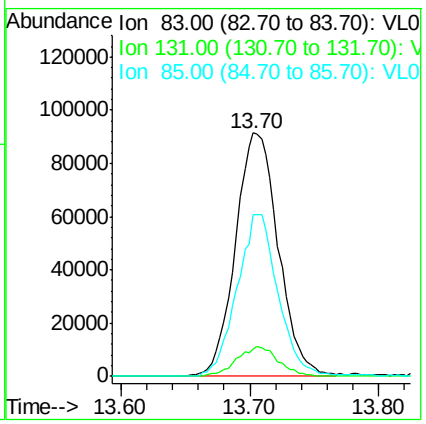


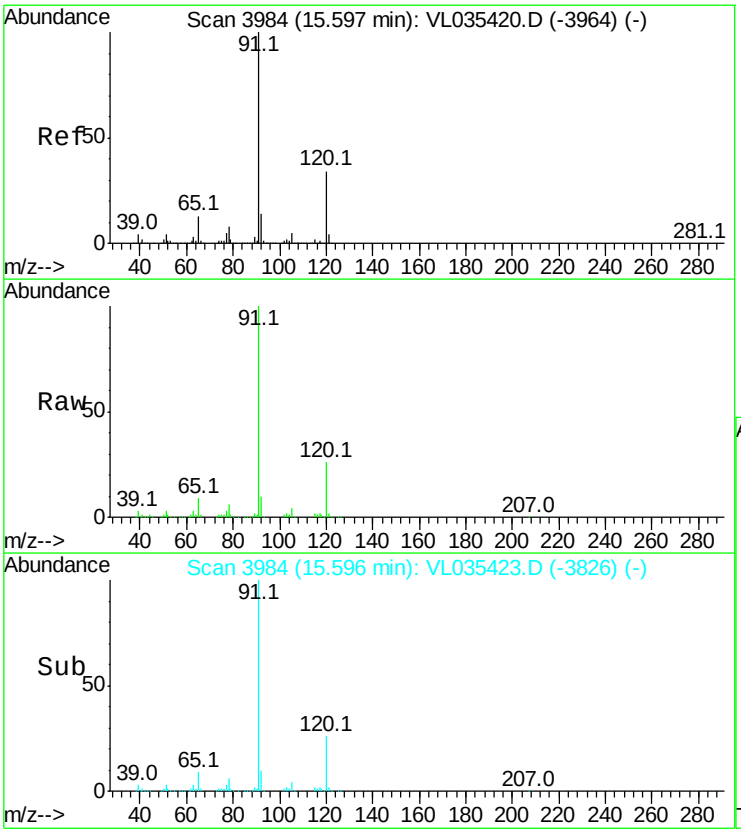
#63
1,1,2,2-Tetrachloroethane
Concen: 0.392 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 211706

Ion	Ratio	Lower	Upper
83	100		
131	11.8	4.5	13.4
85	63.9	32.7	98.1

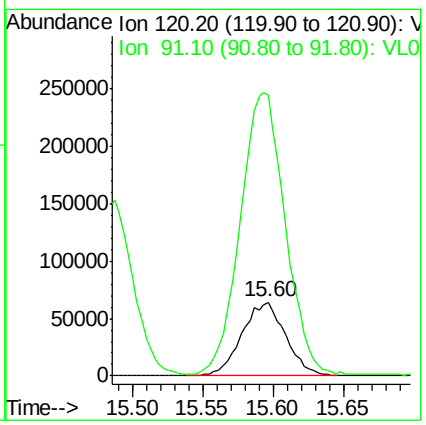


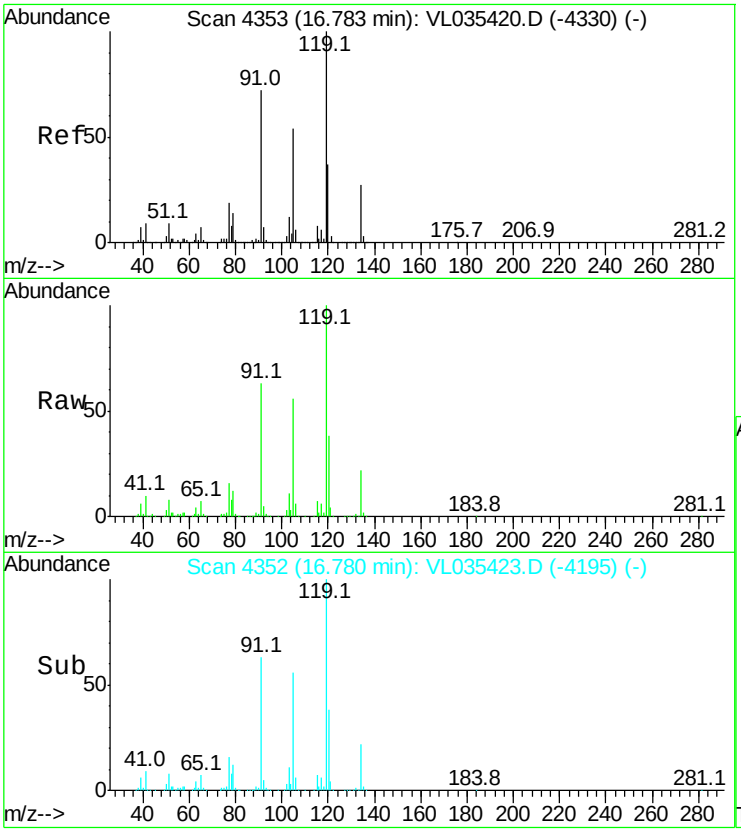


#64
n-propylbenzene
Concen: 0.534 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:120 Resp: 139085

Ion	Ratio	Lower	Upper
120	100		
91	401.0	385.5	578.3



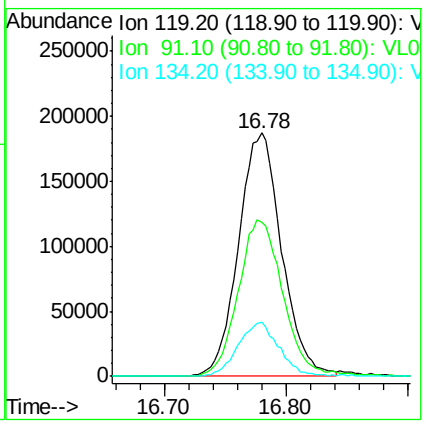


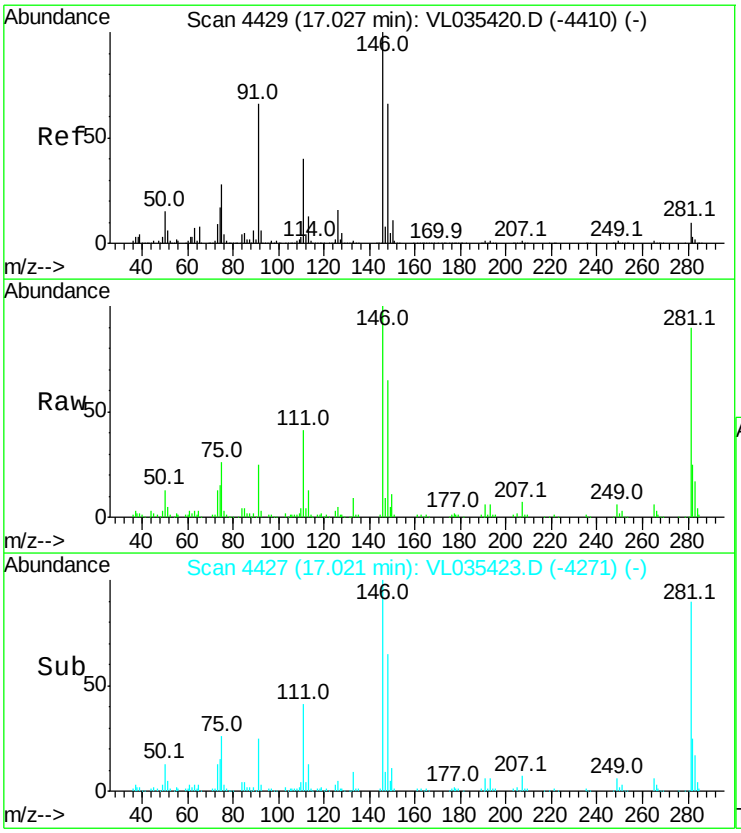
#65
tert-Butylbenzene
Concen: 0.519 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:119 Resp: 457349

Ion	Ratio	Lower	Upper
119	100		
91	66.9	72.0	108.0#
134	21.4	15.7	23.5

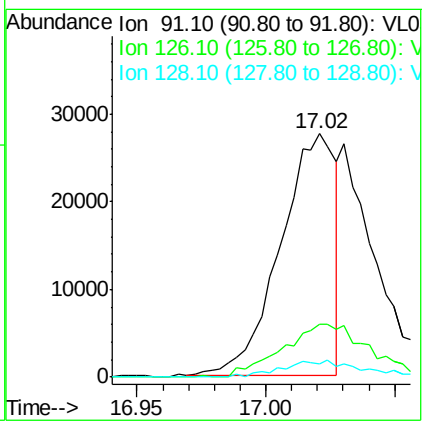


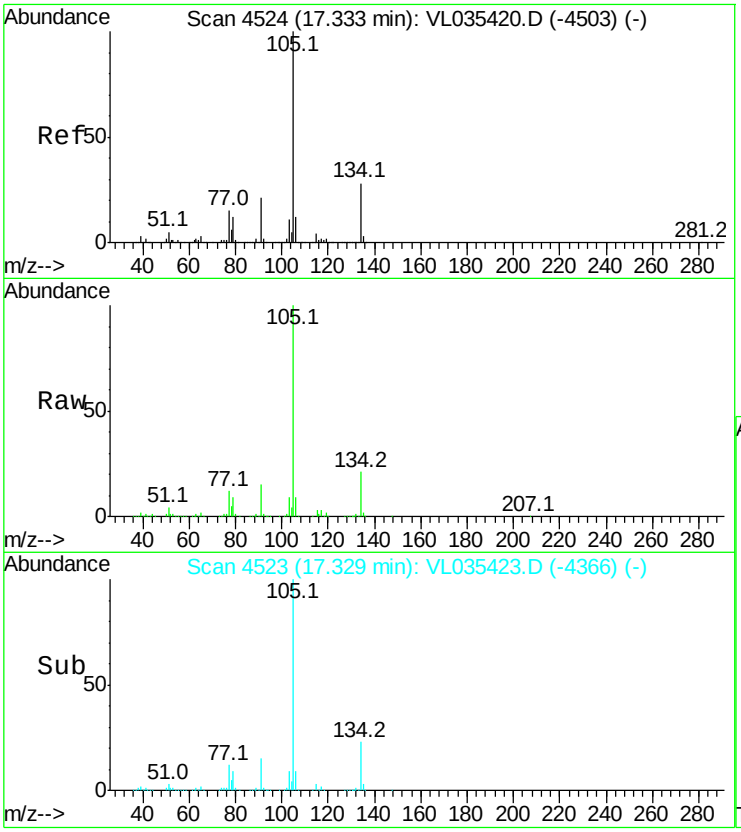


#66
Benzyl Chloride
Concen: 0.141 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 91 Resp: 40737

Ion	Ratio	Lower	Upper
91	100		
126	35.0	13.3	19.9#
128	9.7	4.1	6.1#



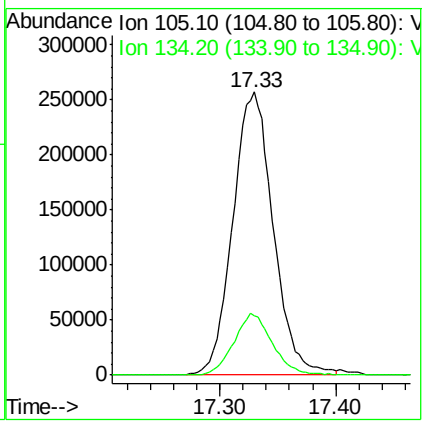


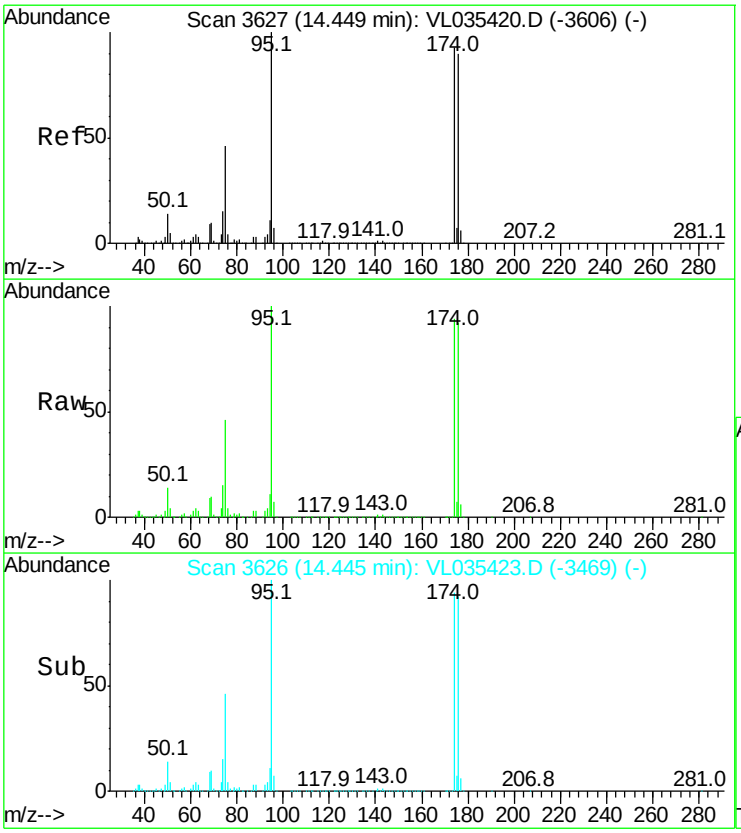
#67
sec-Butylbenzene
Concen: 0.476 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 619568

Ion	Ratio	Lower	Upper
105	100		
134	21.1	14.1	21.1

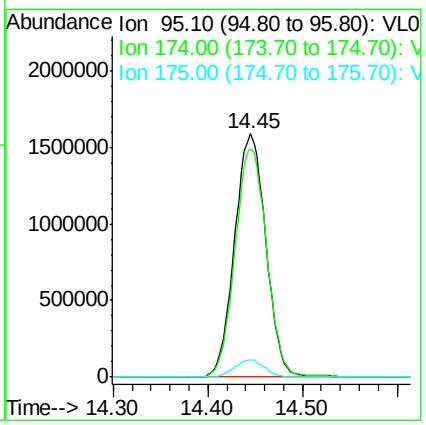


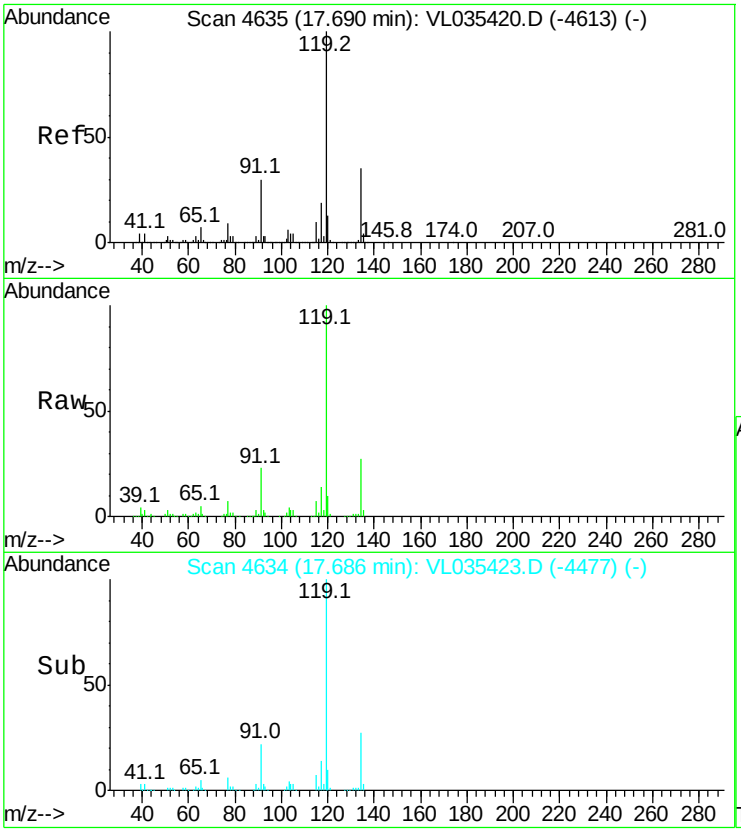


#68
1-Bromo-4-Fluorobenzene
Concen: 8.424 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 95 Resp: 3655564

Ion	Ratio	Lower	Upper
95	100		
174	95.2	44.0	66.0#
175	7.0	3.2	4.8#



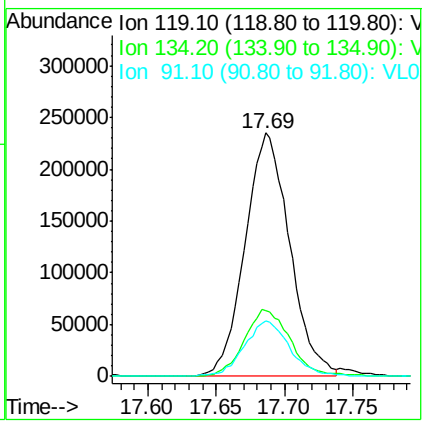


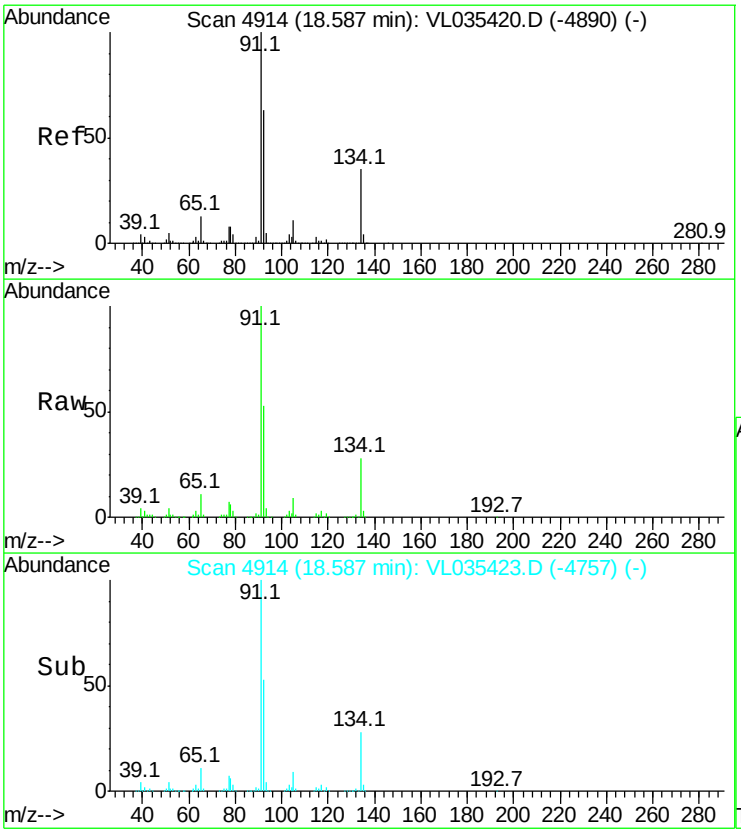
#69
p-Isopropyltoluene
Concen: 0.502 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:119 Resp: 531863

Ion	Ratio	Lower	Upper
119	100		
134	28.5	20.6	30.8
91	23.6	26.6	39.8#

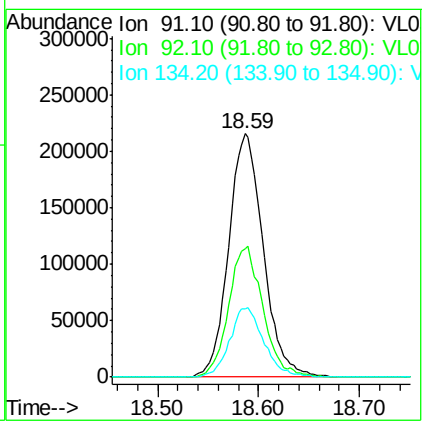


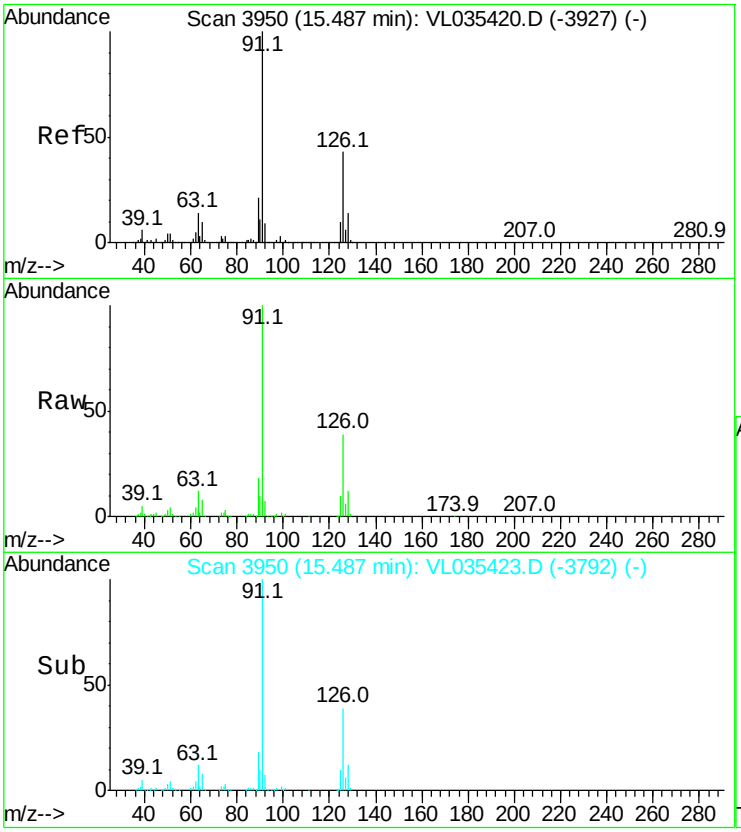


#70
n-Butylbenzene
Concen: 0.414 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion: 91 Resp: 512501

Ion	Ratio	Lower	Upper
91	100		
92	53.3	44.8	67.2
134	28.3	17.3	25.9#



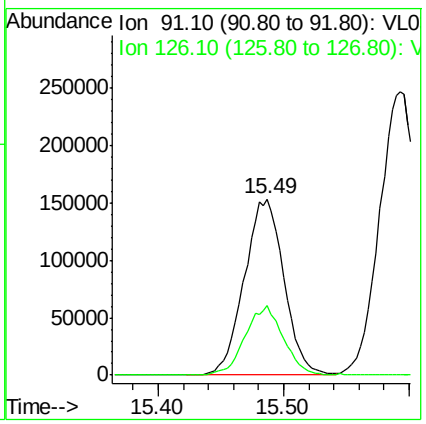


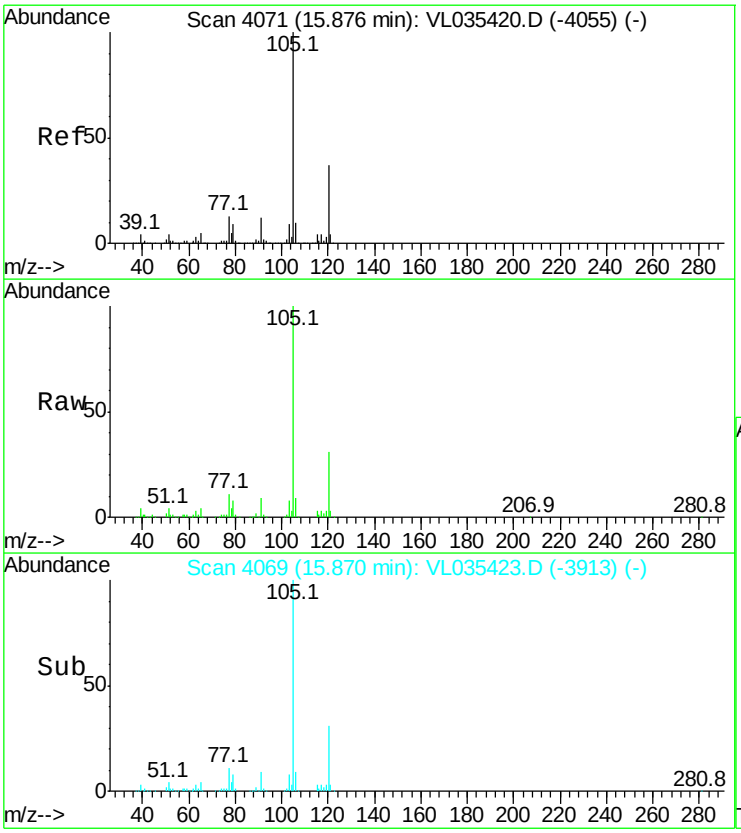
#71
2-Chlorotoluene
Concen: 0.403 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 338523

Ion	Ratio	Lower	Upper
91	100		
126	37.8	11.4	45.6

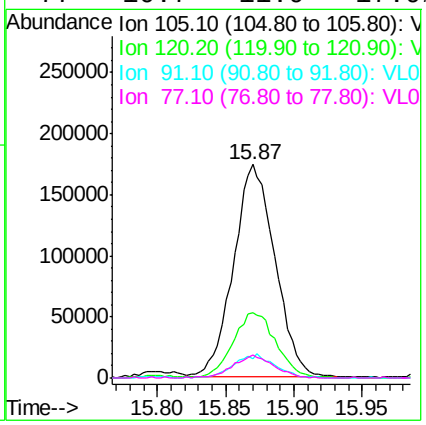


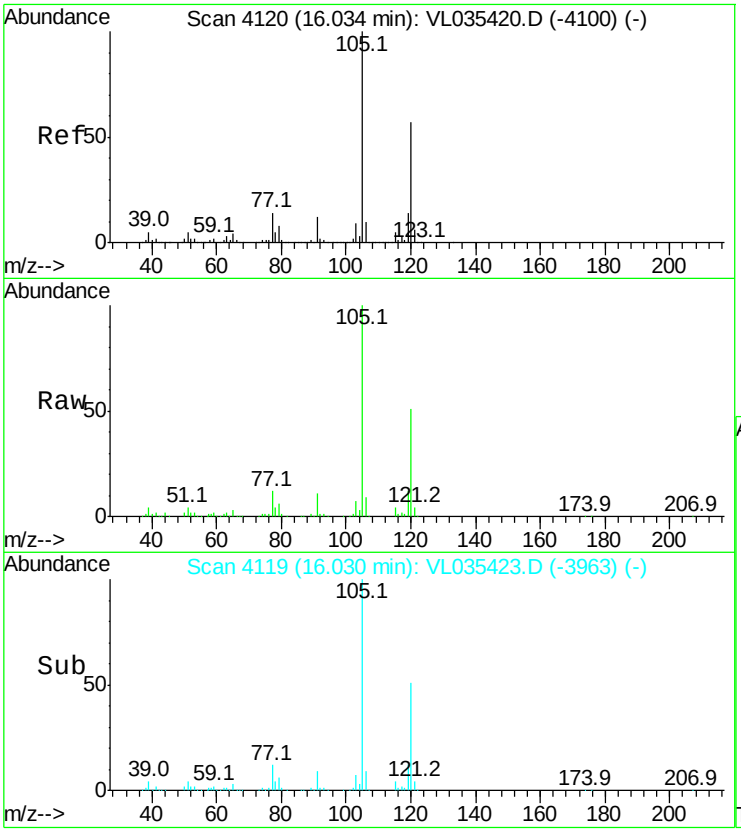


#72
4-Ethyltoluene
Concen: 0.446 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:105 Resp: 363758

Ion	Ratio	Lower	Upper
105	100		
120	32.7	22.7	34.1
91	11.0	10.8	16.2
77	10.7	11.9	17.9#



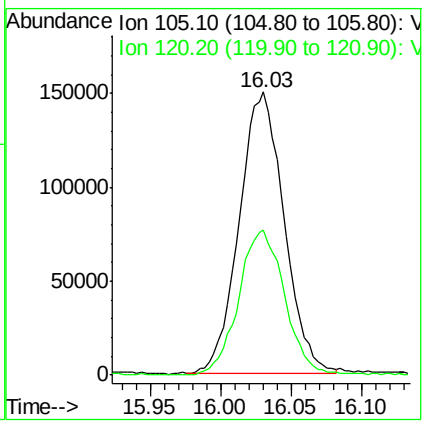


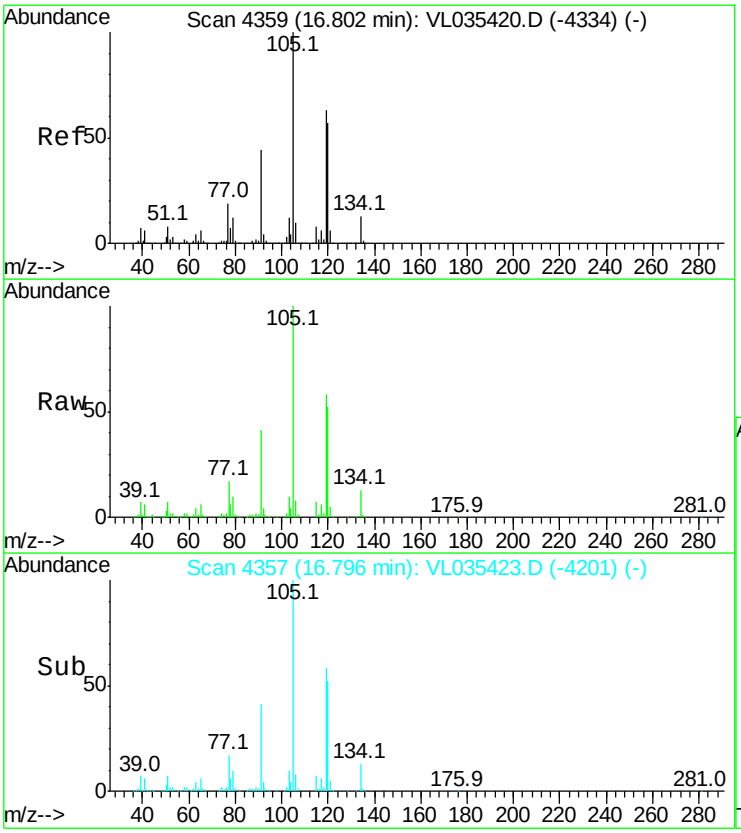
#73
1,3,5-Trimethylbenzene
Concen: 0.434 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 334414

Ion	Ratio	Lower	Upper
105	100		
120	51.0	35.6	53.4

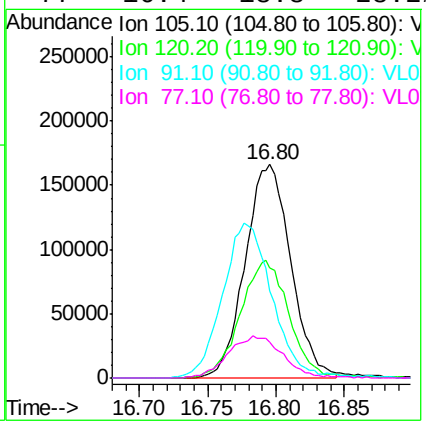


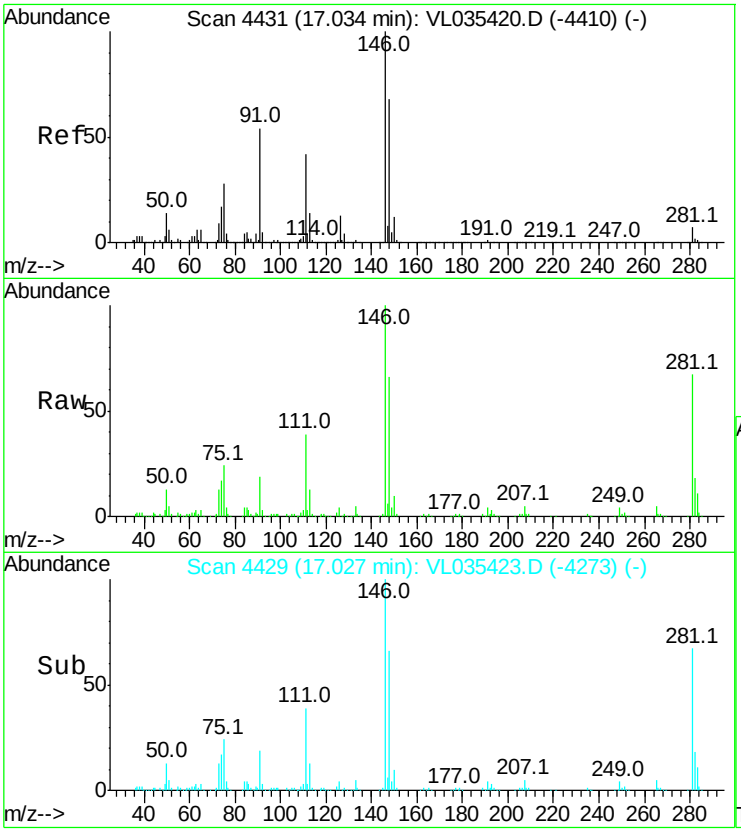


#74
1,2,4-Trimethylbenzene
Concen: 0.466 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:105 Resp: 384748

Ion	Ratio	Lower	Upper
105	100		
120	51.3	37.8	56.8
91	39.5	40.0	60.0#
77	16.4	18.8	28.2#



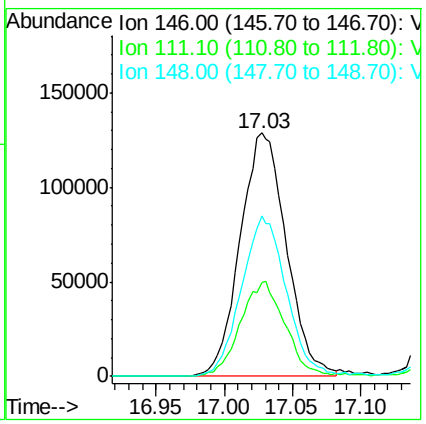


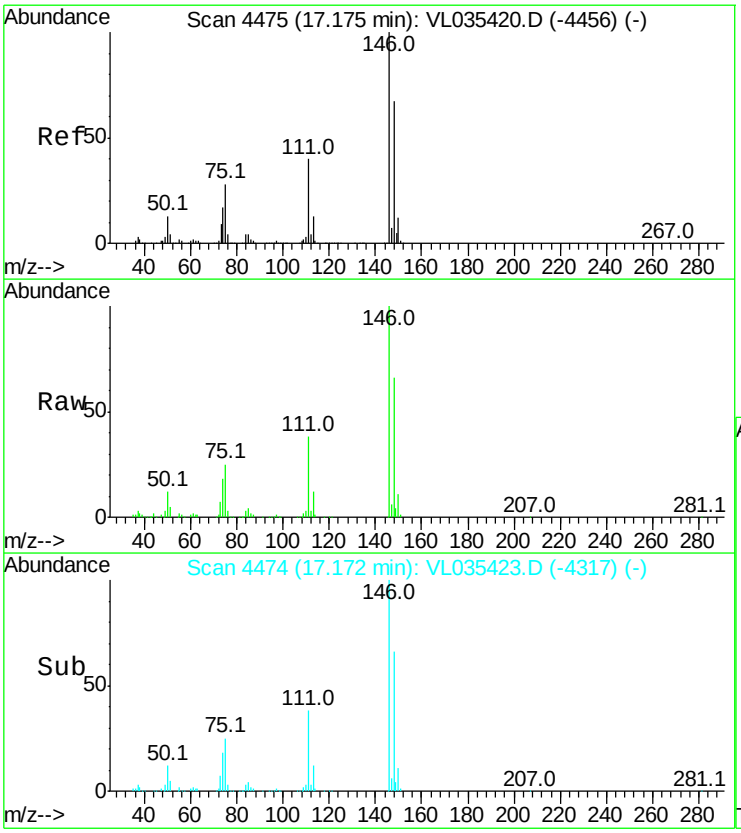
#75
1,3-Dichlorobenzene
Concen: 0.674 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 302496

Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.6	76.8
148	64.5	32.3	96.9

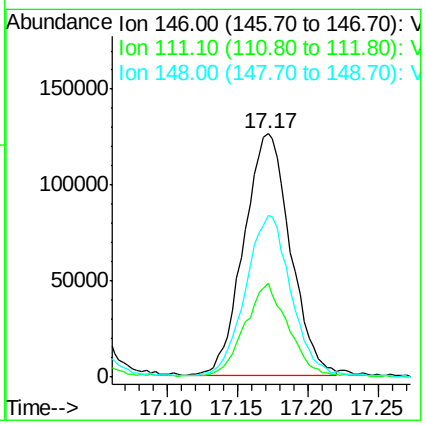


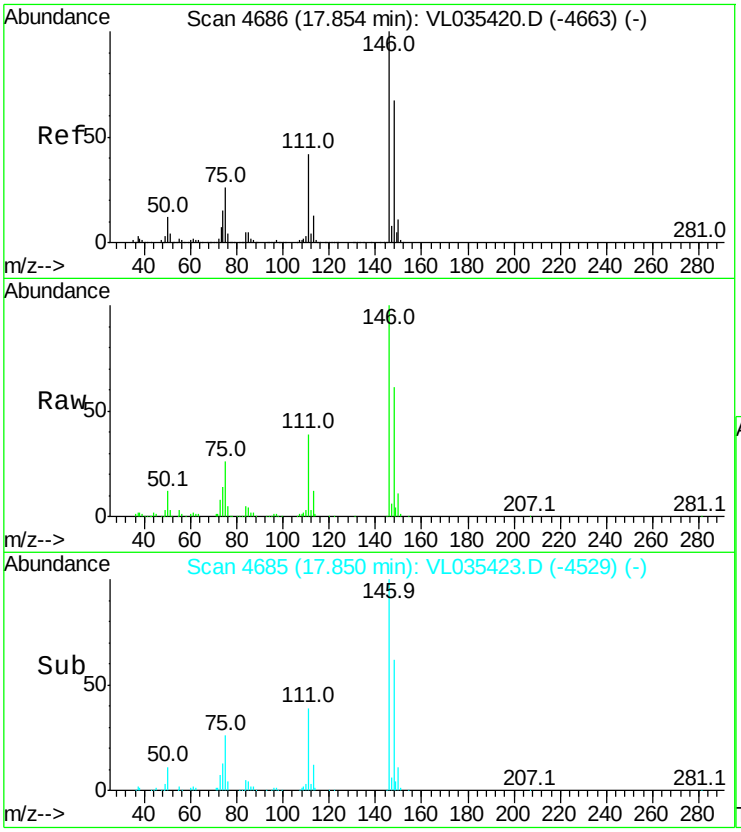


#76
1,4-Dichlorobenzene
Concen: 0.629 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:146 Resp: 289830

Ion	Ratio	Lower	Upper
146	100		
111	37.4	24.8	74.4
148	67.5	32.1	96.3



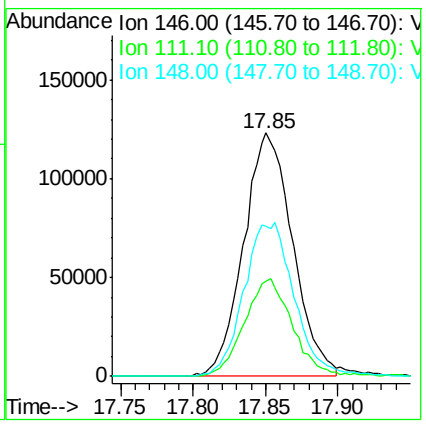


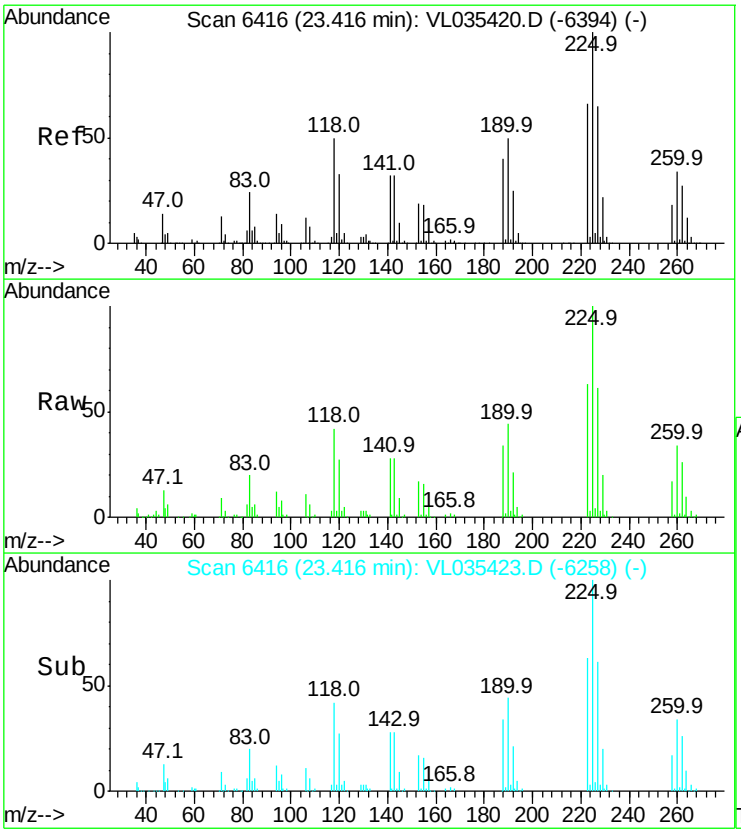
#77
1,2-Dichlorobenzene
Concen: 0.640 ppbv
RT: 17.85 min Scan# 4685
Delta R.T. 0.00 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 289662

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.3	78.9
148	65.1	32.0	96.0

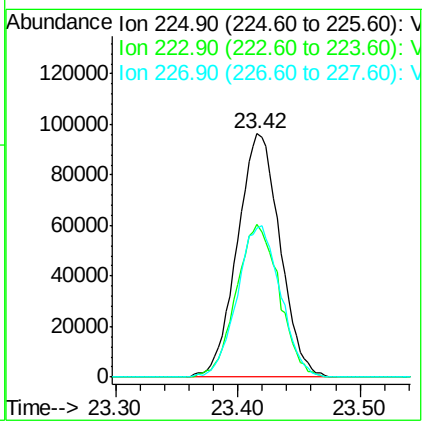


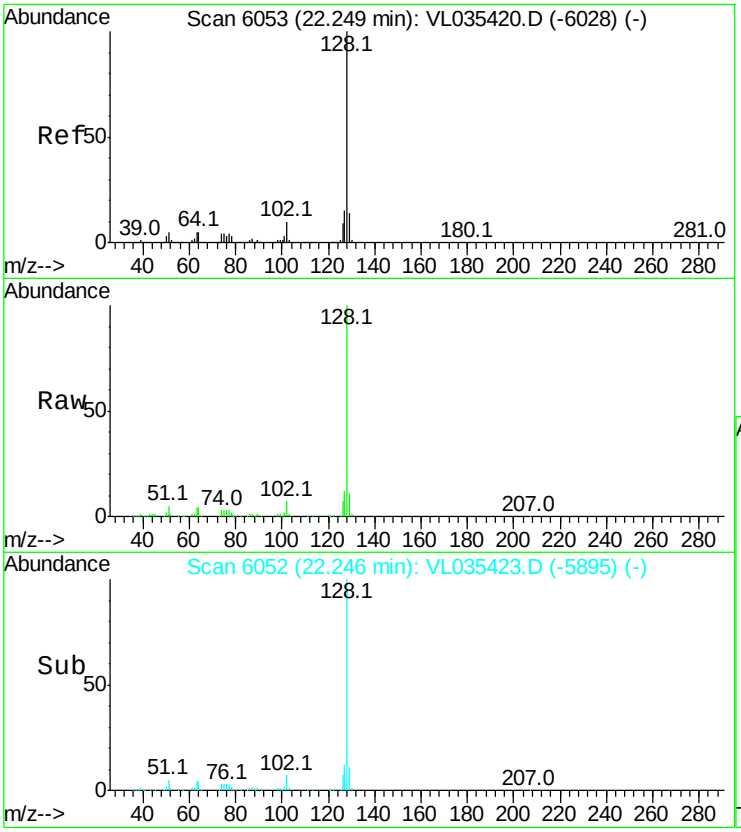


#78
Hexachloro-1,3-Butadiene
Concen: 0.669 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:225 Resp: 232520

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	63.3	51.0	76.6



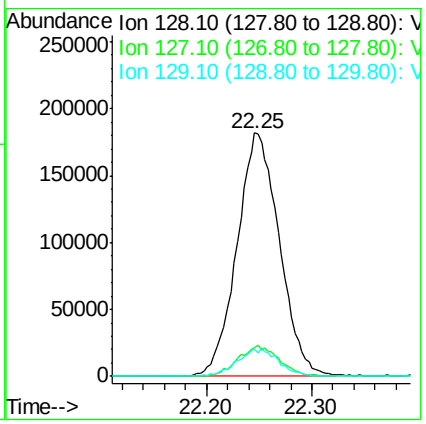


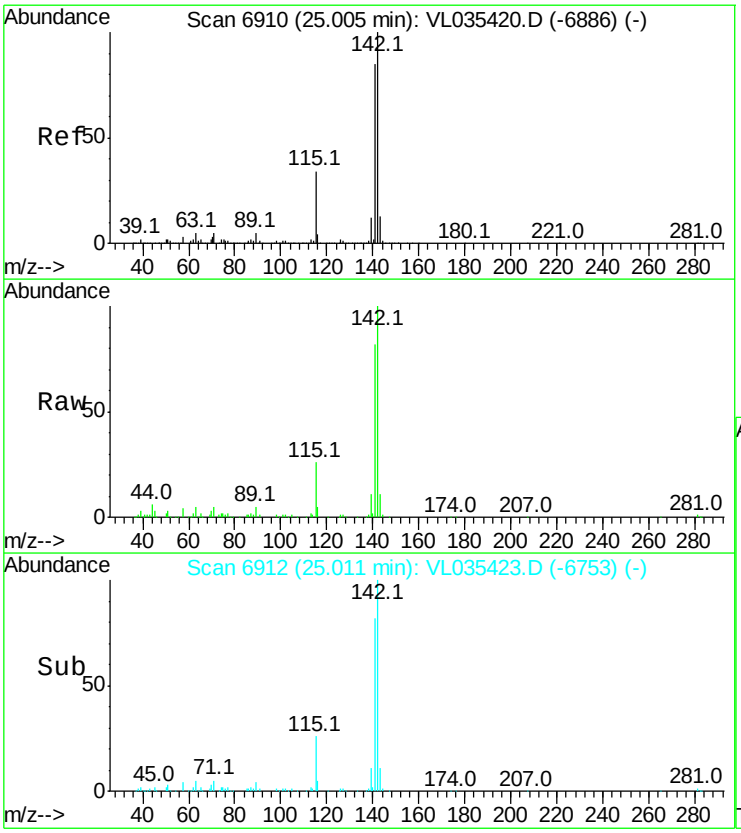
#79
Naphthalene
Concen: 0.524 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 504798

Ion	Ratio	Lower	Upper
128	100		
127	11.9	11.4	17.0
129	11.1	9.5	14.3

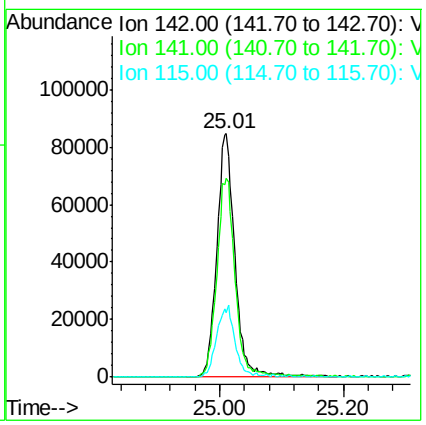


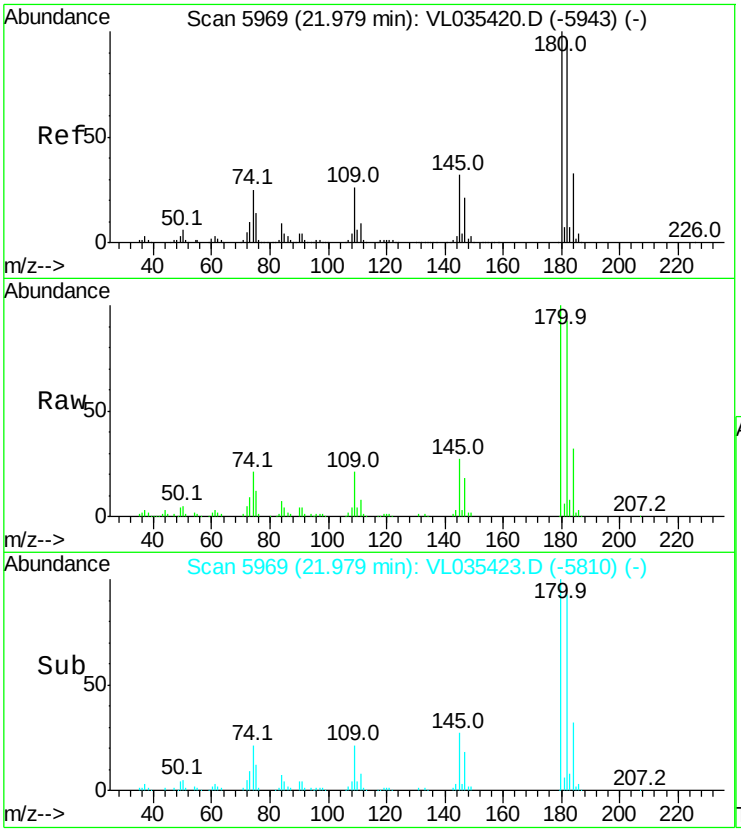


#80
Naphthalene,2-methyl-
Concen: 0.429 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Tgt Ion:142 Resp: 172210

Ion	Ratio	Lower	Upper
142	100		
141	82.7	67.1	100.7
115	29.7	36.1	54.1#





#81
1,2,4-Trichlorobenzene
Concen: 0.676 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. 0.01 min
Lab File: VL035423.D
Acq: 17 Aug 2020 16:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 308797

Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.6	115.0
184	32.1	24.8	37.2