Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035805.D
Acq On : 3 Nov 2020 14:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Nov 03 14:46:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1223920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5676225	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	5489098	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3785639	9.20	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	2768312	13.785	ppbv	98
3) Chlorodifluoromethane	2.98	51	2009598	15.262	ppbv	98
4) Chloromethane	3.13	50	1013474	14.328	ppbv	100
5) Vinyl Chloride	3.25	62	1315843	15.728	ppbv	98
6) Bromomethane	3.47	94	1107742	15.663	ppbv	98
7) Chloroethane	3.55	64	490240	15.977	ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	3614568	14.839	ppbv	99
9) Propene	3.00	41	770356	16.114	ppbv	100
10) Heptane	8.12	43	2028974	15.224	ppbv	94
11) Trichlorofluoromethane	3.94	101	3852518	13.445	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2985274	13.976	ppbv	95
13) Ethanol	3.60	45	129756	11.006	ppbv	96
14) Bromoethene	3.73	108	1503764	16.713	ppbv	98
15) Acetone	3.84	43	1676043	12.727	ppbv	95
16) 1,3-Butadiene	3.32	39	786571	16.326	ppbv	93
17) tert-Butyl alcohol	4.29	59	2279873	15.893	ppbv	100
18) 1,1-Dichloroethene	4.28	96	1457312	15.582	ppbv	100
19) Isopropyl Alcohol	3.96	45	1031025	14.392	ppbv #	1
20) Methylene Chloride	4.34	84	1234556	12.762	ppbv	99
21) Allyl Chloride	4.40	41	1086857	17.026	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	1480292	14.982	ppbv	98
23) Vinyl Acetate	5.07	43	2471431	15.321	ppbv	97
24) 1,1-Dichloroethane	5.01	63	2515695	14.318	ppbv	98
25) Ethyl Acetate	5.67	43	3480004	14.685	ppbv	98
26) Hexane	5.68	57	1963432	15.120	ppbv	95
27) Carbon Disulfide	4.54	76	3316172	17.133	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	3731893	18.130	ppbv	99
29) Chloroform	5.75	83	3950882	14.982	ppbv	99
30) Cyclohexane	7.13	84	2348645	18.331	ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	2164856	17.270	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	4015695	17.274	ppbv	98
34) 2-Butanone	5.24	43	2257170	12.023	ppbv	92
35) Carbon Tetrachloride	7.01	117	3972080	13.422	ppbv	99
36) Benzene	6.89	78	5344325	14.449	ppbv	99
37) 1,2-Dichloroethane	6.31	62	2500839	12.973	ppbv	98
38) Trichloroethene	7.83	130	2531471	13.720	ppbv	99
39) 1,2-Dichloropropane	7.61	63	1803892	13.456	ppbv	95
40) 1,4-Dioxane	7.83	88	807584	13.172	ppbv	91
41) Tetrahydrofuran	6.04	42	1363294	14.414	ppbv	89
42) Bromodichloromethane	7.79	83	4304619	13.862	ppbv	97
43) Methyl Methacrylate	8.01	69	2213734	15.049	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035805.D
Acq On : 3 Nov 2020 14:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Nov 03 14:46:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6373845	12.009	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	2646592	17.820	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	3098974	16.928	ppbv		95
47) 1,1,2-Trichloroethane	9.48	97	2527340	13.162	ppbv		99
48) Dibromochloromethane	10.31	129	4079306	13.959	ppbv		99
49) Bromoform	13.05	173	3423230	13.805	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	3398229	12.392	ppbv		94
51) 2-Hexanone	10.13	43	2850540	12.902	ppbv	#	93
52) Tetrachloroethene	11.23	164	2346141	13.191	ppbv		96
53) Toluene	9.81	91	6351778	14.564	ppbv		97
54) 1,2-Dibromoethane	10.62	107	3856592	13.413	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.13	131	3093323	13.440	ppbv	#	92
57) Chlorobenzene	12.15	112	5168582	12.467	ppbv		98
58) Ethyl Benzene	12.72	91	7868699	14.282	ppbv		90
59) m/p-Xylene	13.00	91	6615996	13.751	ppbv	#	22
60) o-Xylene	13.70	91	6292470	12.929	ppbv		96
61) Styrene	13.54	104	5350925	15.900	ppbv		98
62) Isopropylbenzene	14.67	105	9283843	12.298	ppbv		94
63) 1,1,2,2-Tetrachloroethane	13.69	83	4448193	11.146	ppbv		99
64) n-propylbenzene	15.57	120	3076998	13.927	ppbv		77
65) tert-Butylbenzene	16.75	119	8359817	12.180	ppbv		98
66) Benzyl Chloride	17.00	91	3667603	17.637	ppbv		96
67) sec-Butylbenzene	17.30	105	10651946	11.239	ppbv		93
69) p-Isopropyltoluene	17.66	119	9222532	11.960	ppbv		96
70) n-Butylbenzene	18.56	91	8756489	11.028	ppbv		93
71) 2-Chlorotoluene	15.46	91	7201763	13.079	ppbv		93
72) 4-Ethyltoluene	15.85	105	7634539	13.242	ppbv		97
73) 1,3,5-Trimethylbenzene	16.00	105	7005410	12.858	ppbv		94
74) 1,2,4-Trimethylbenzene	16.77	105	6934183	11.290	ppbv		95
75) 1,3-Dichlorobenzene	17.01	146	4679647	11.160	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	4788048	11.946	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	4664271	11.777	ppbv		98
78) Hexachloro-1,3-Butadiene	23.39	225	2046752	9.367	ppbv		100
79) Naphthalene	22.21	128	6210217	10.601	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	1529226	11.067	ppbv		98
81) 1,2,4-Trichlorobenzene	21.94	180	3235638	10.658	ppbv		99

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

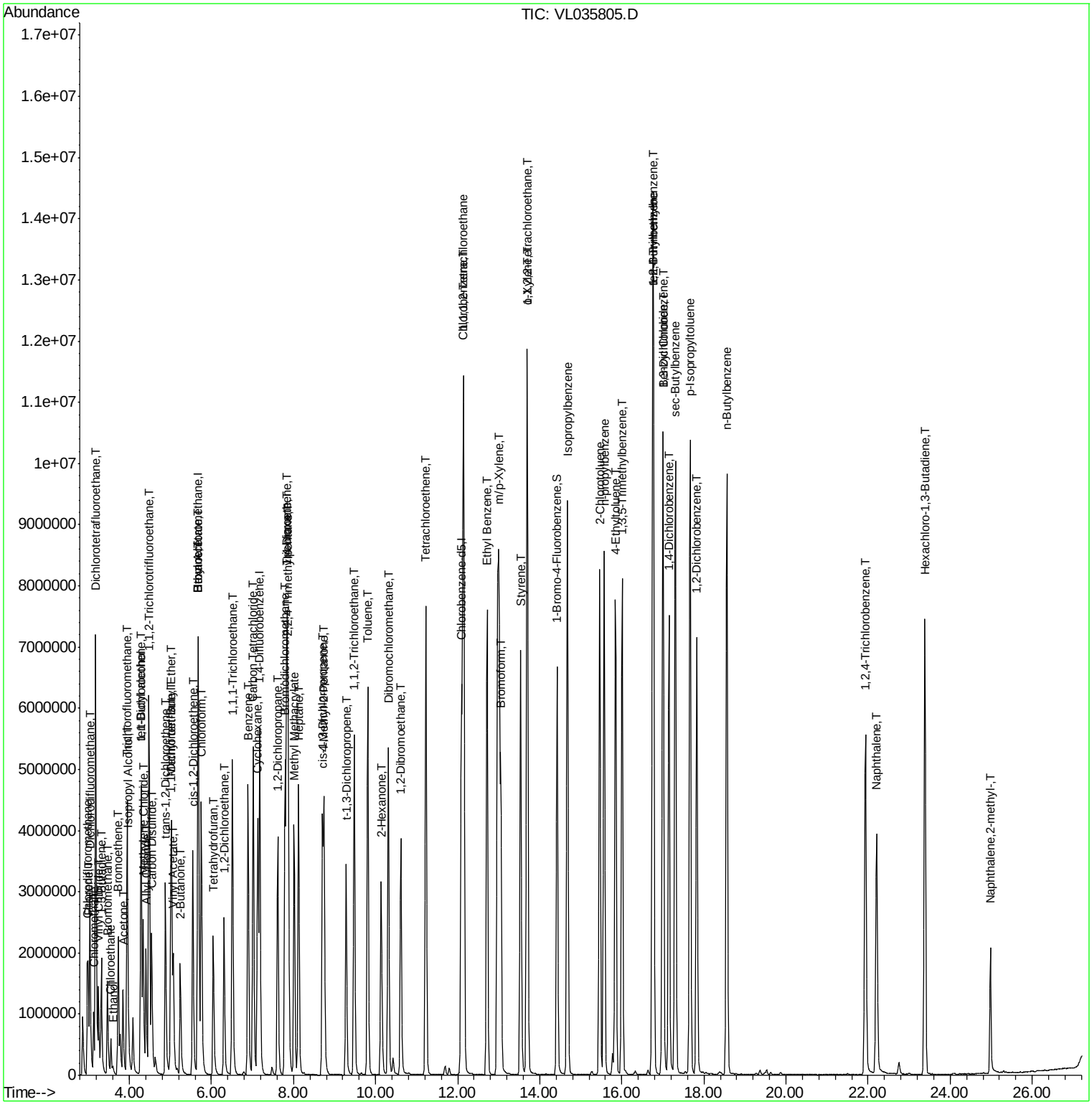
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

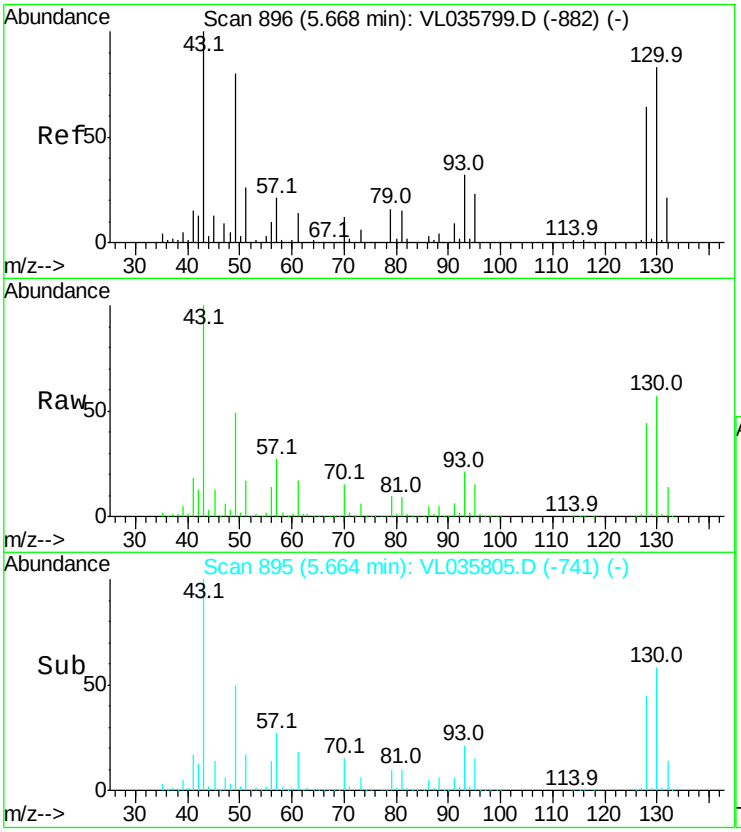
Quantitation Report (Not Reviewed)

Data File : VL035805.D
Acq On : 3 Nov 2020 14:18
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Nov 03 14:46:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration



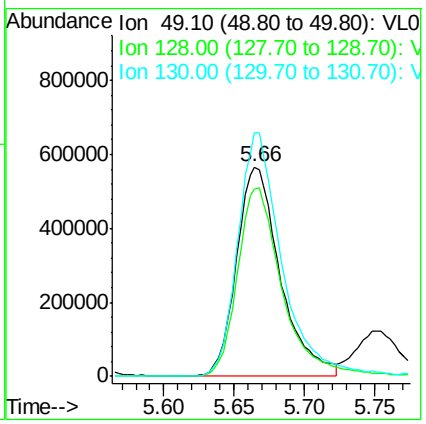


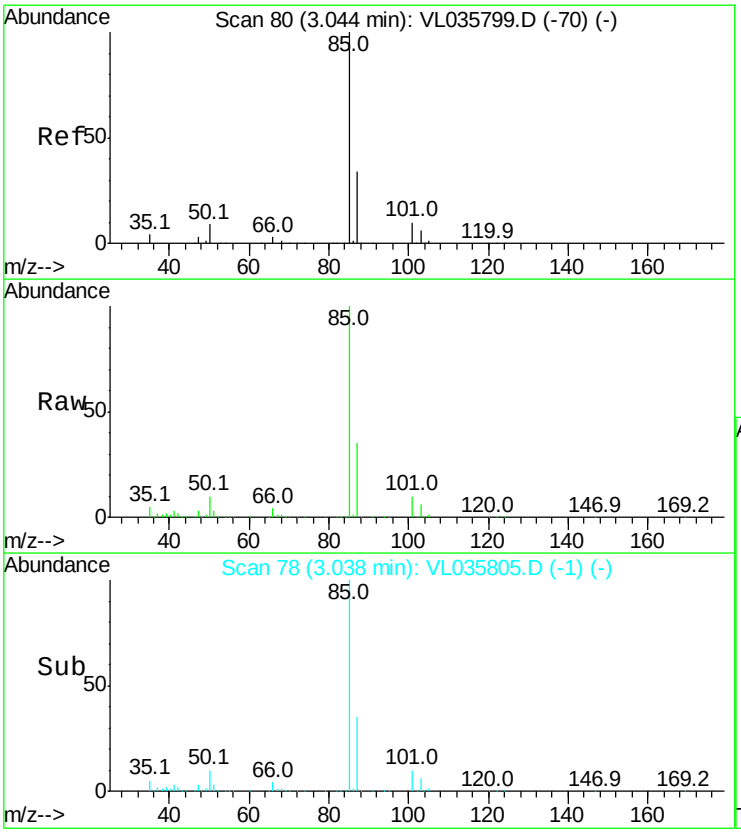
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1223920

Ion	Ratio	Lower	Upper
49	100		
128	93.6	41.5	124.6
130	119.5	53.7	161.1

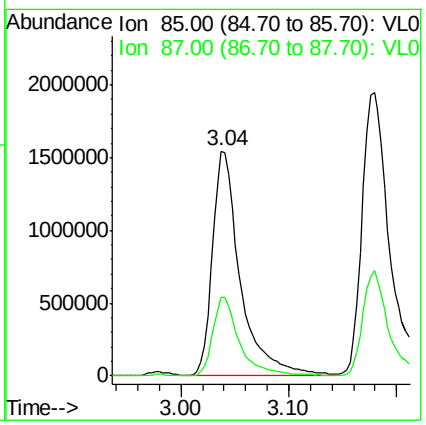


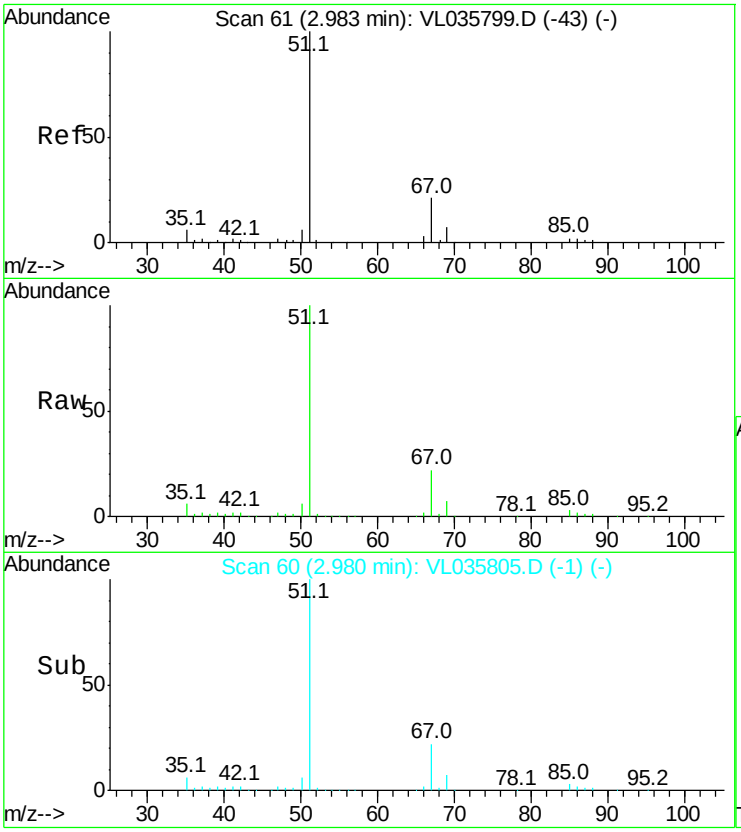


#2
Dichlorodifluoromethane
Concen: 13.785 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 85 Resp: 2768312

Ion	Ratio	Lower	Upper
85	100		
87	35.0	27.1	40.7



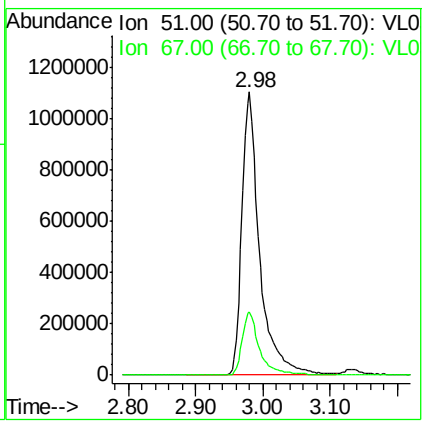


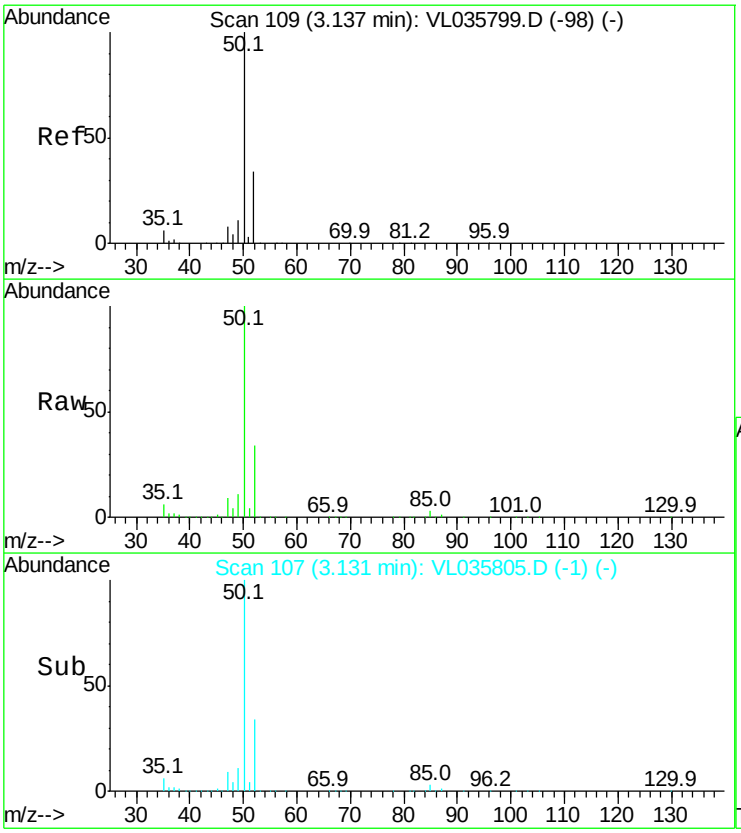
#3
Chlorodifluoromethane
Concen: 15.262 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2009598

Ion	Ratio	Lower	Upper
51	100		
67	22.2	17.0	25.4

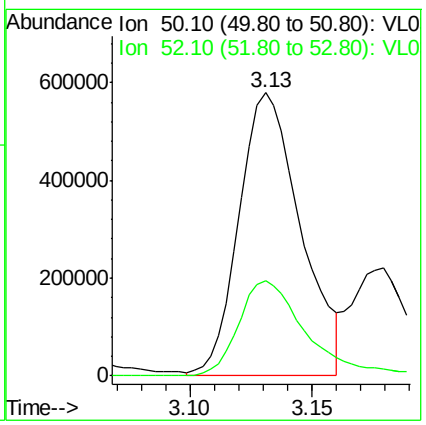


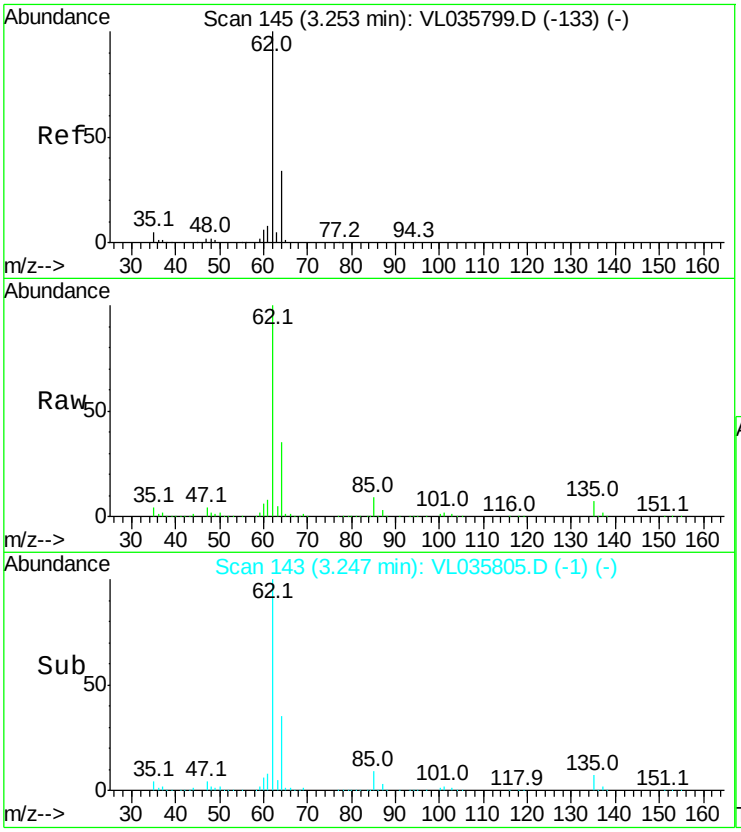


#4
Chloromethane
Concen: 14.328 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 50 Resp: 1013474

Ion	Ratio	Lower	Upper
50	100		
52	33.9	27.1	40.7



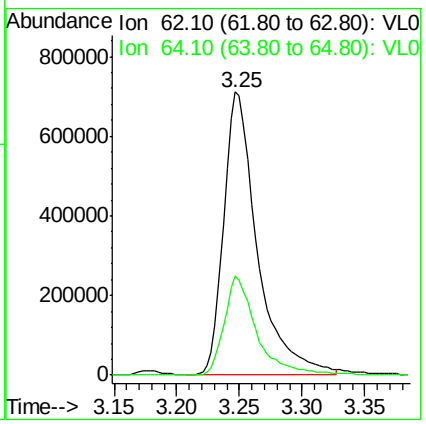


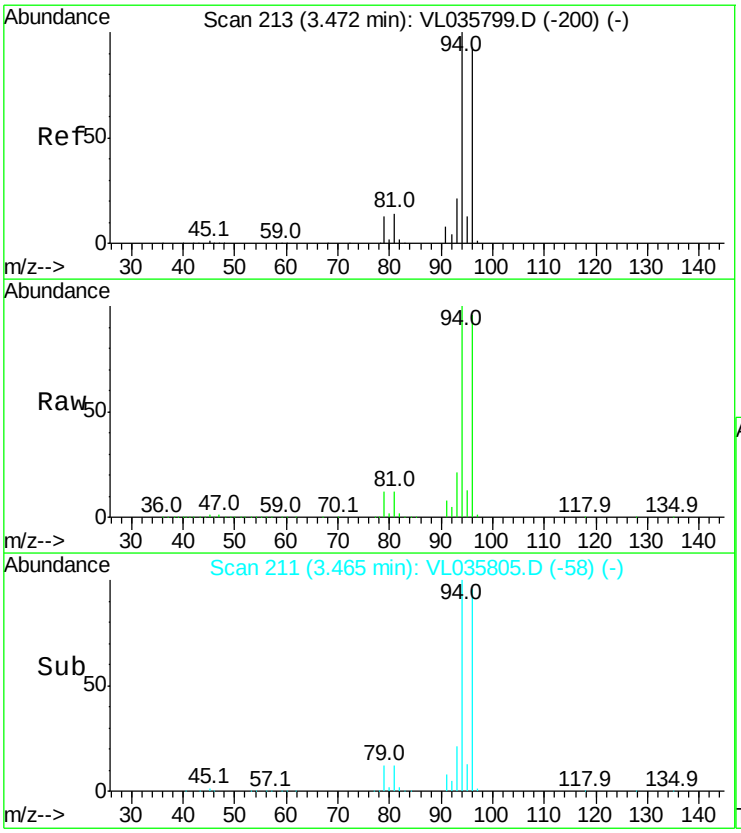
#5
Vinyl Chloride
Concen: 15.728 ppbv
RT: 3.25 min Scan# 143
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1315843

Ion	Ratio	Lower	Upper
62	100		
64	34.9	26.9	40.3

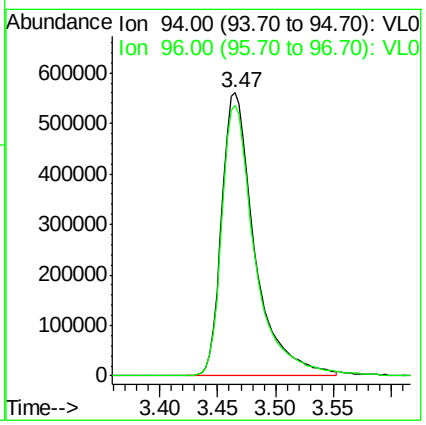


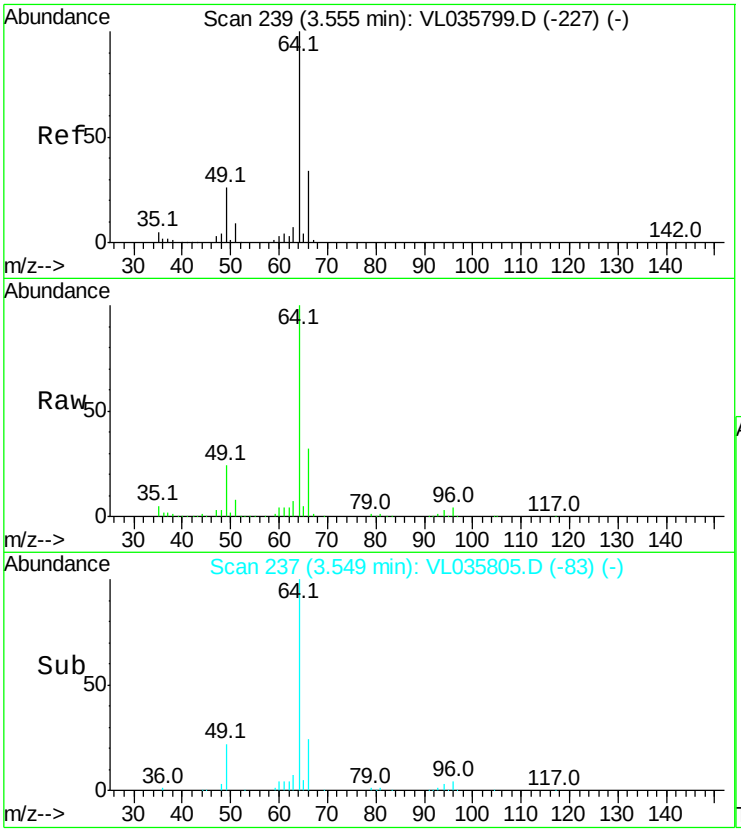


#6
Bromomethane
Concen: 15.663 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 94 Resp: 1107742

Ion	Ratio	Lower	Upper
94	100		
96	95.6	74.6	111.8



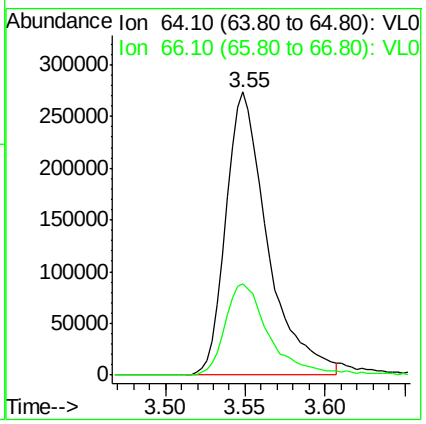


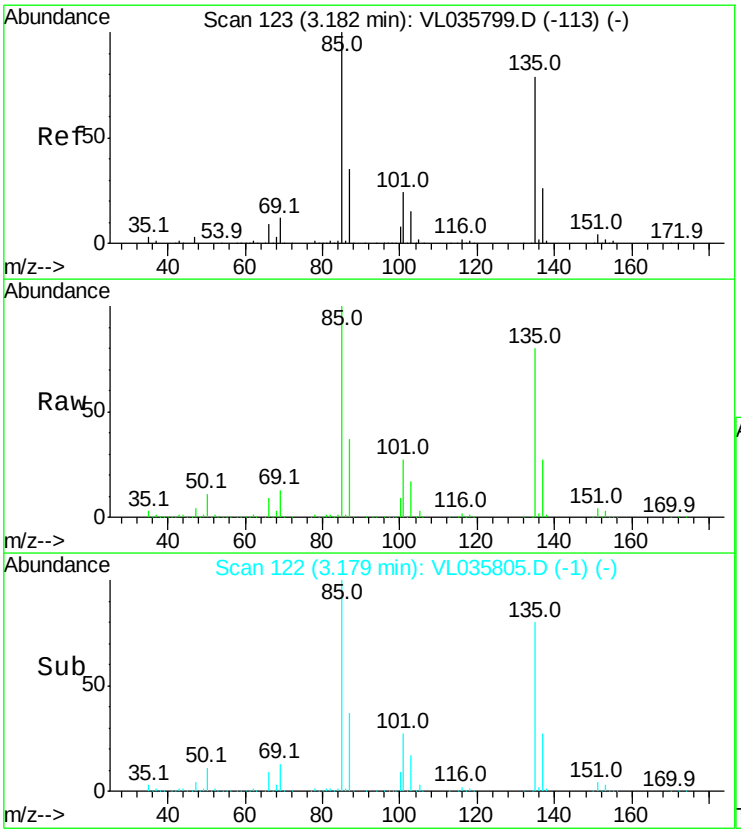
#7
Chloroethane
Concen: 15.977 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 490240

Ion	Ratio	Lower	Upper
64	100		
66	32.4	27.0	40.6

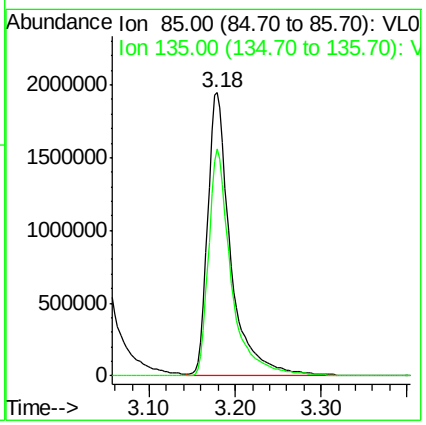


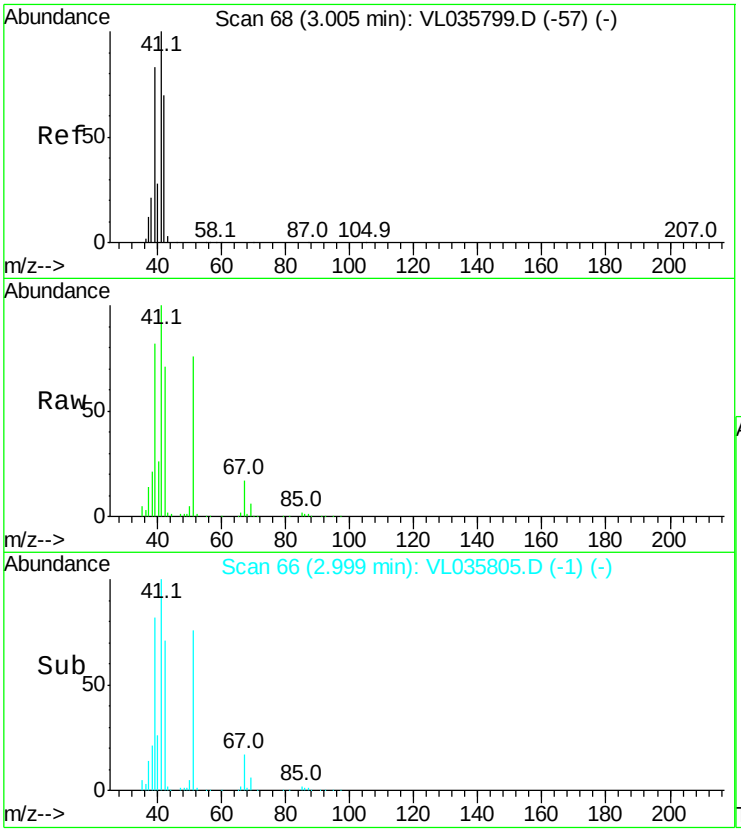


#8
Dichlorotetrafluoroethane
Concen: 14.839 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 85 Resp: 3614568

Ion	Ratio	Lower	Upper
85	100		
135	80.1	64.6	96.8



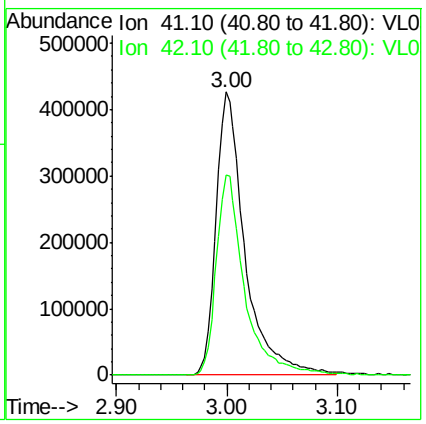


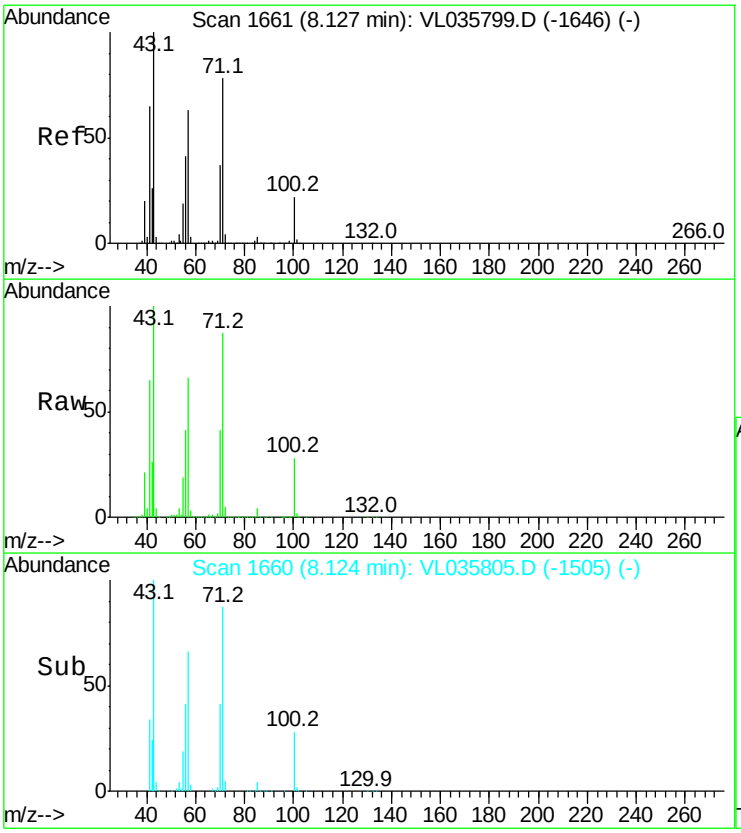
#9
Propene
Concen: 16.114 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 770356

Ion	Ratio	Lower	Upper
41	100		
42	70.5	56.2	84.4

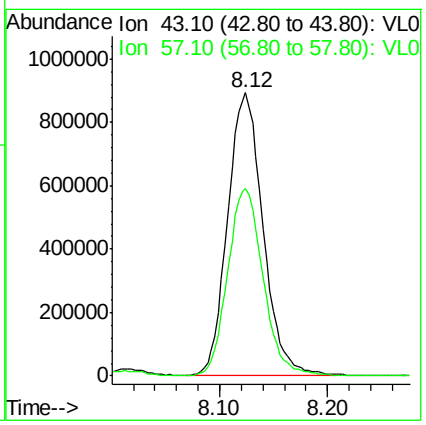


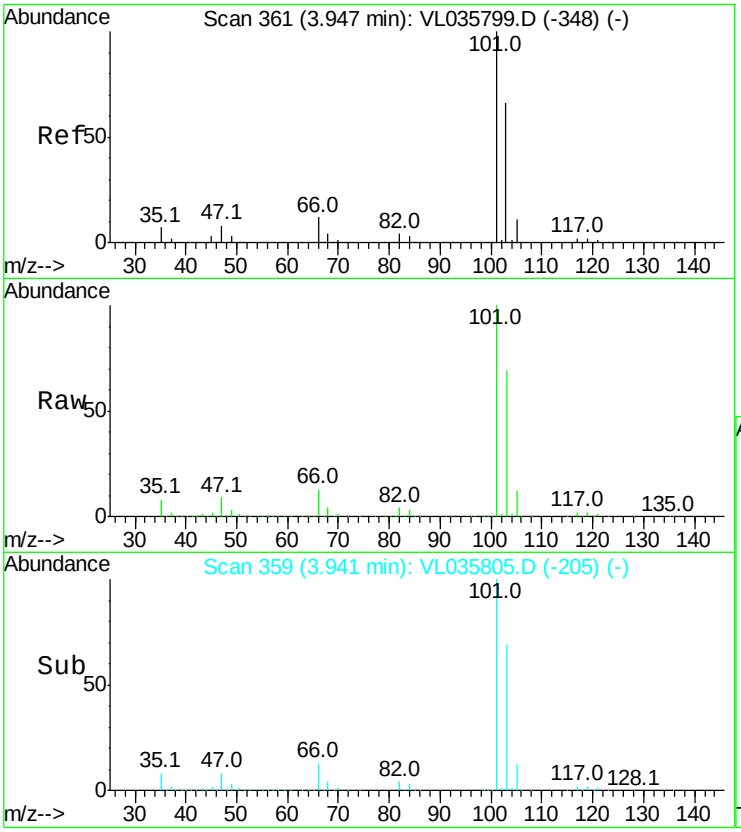


#10
Heptane
Concen: 15.224 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 43 Resp: 2028974

Ion	Ratio	Lower	Upper
43	100		
57	66.9	50.0	75.0



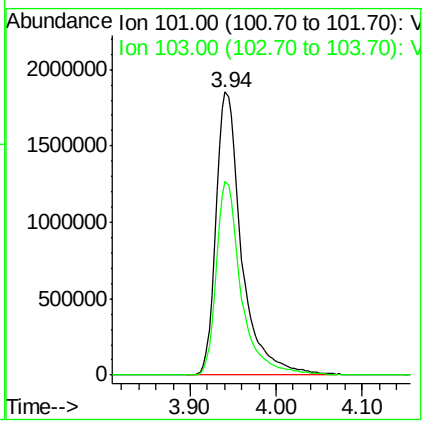


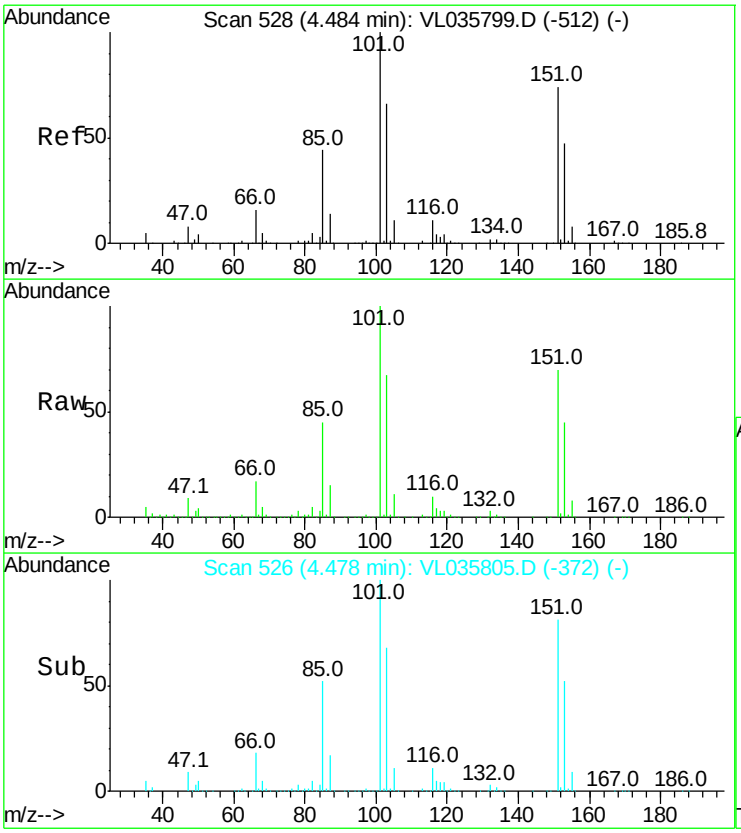
#11
Trichlorofluoromethane
Concen: 13.445 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 3852518

Ion	Ratio	Lower	Upper
101	100		
103	68.7	53.0	79.4

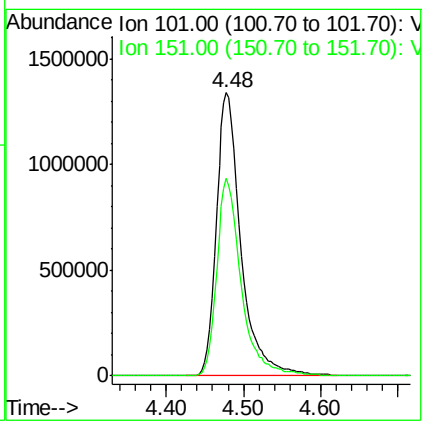


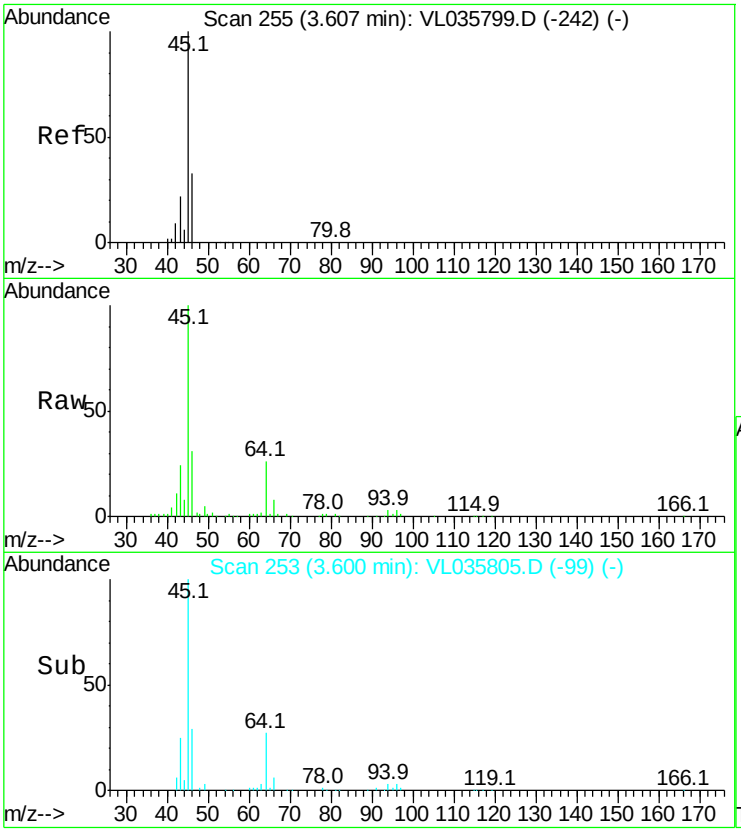


#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.976 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:101 Resp: 2985274

Ion	Ratio	Lower	Upper
101	100		
151	69.7	58.9	88.3



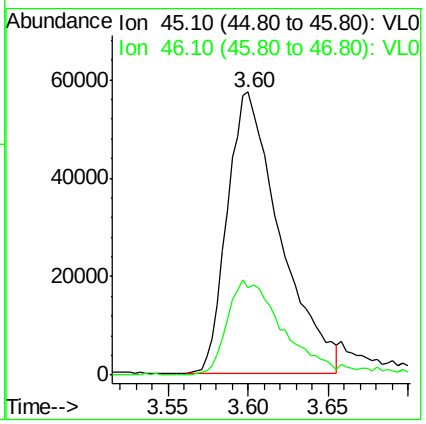


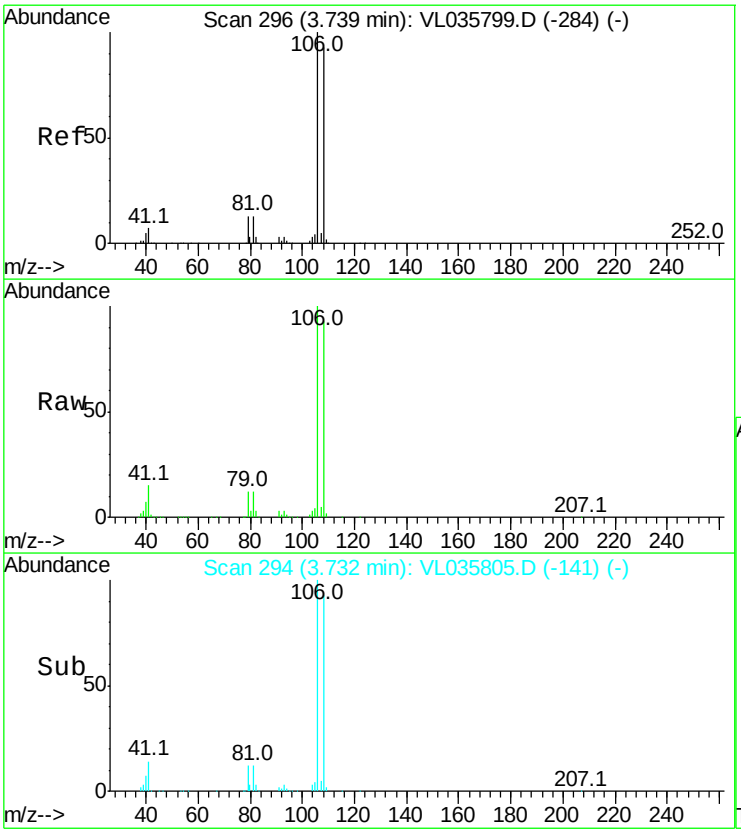
#13
Ethanol
Concen: 11.006 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 129756

Ion	Ratio	Lower	Upper
45	100		
46	38.1	16.1	64.5

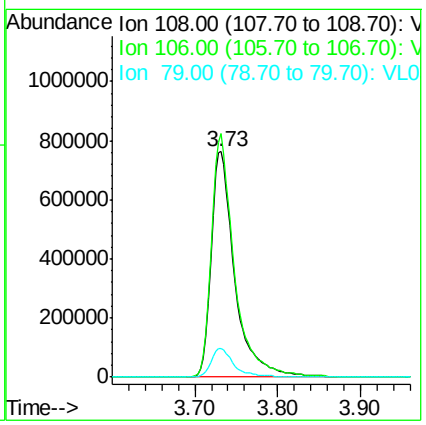


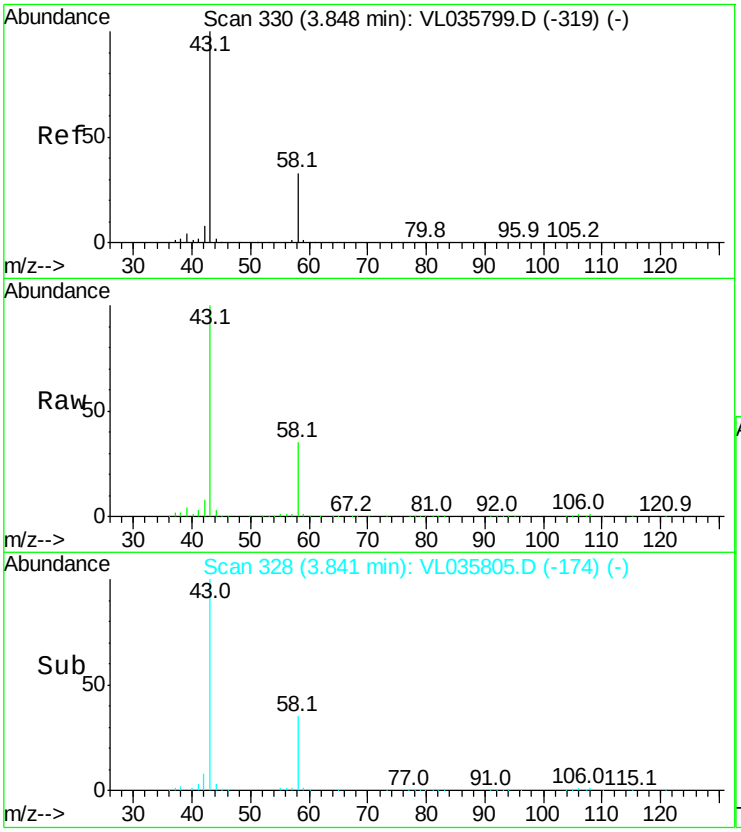


#14
Bromoethene
Concen: 16.713 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:108 Resp: 1503764

Ion	Ratio	Lower	Upper
108	100		
106	105.5	85.3	127.9
79	12.5	11.6	17.4



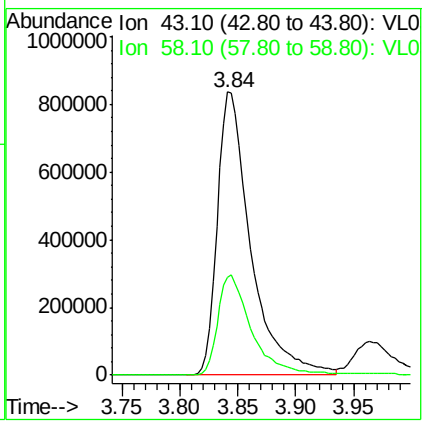


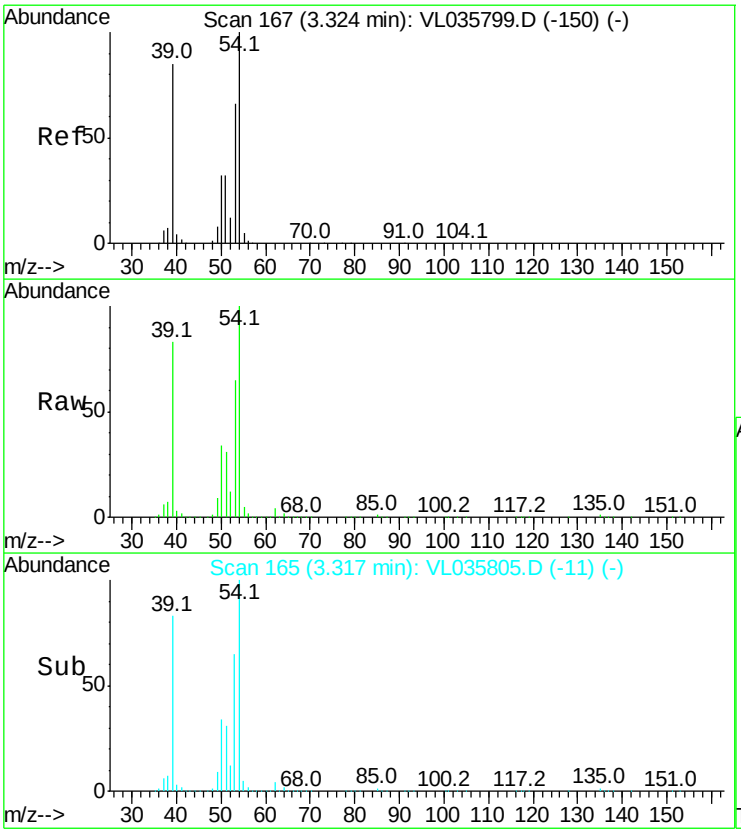
#15
Acetone
Concen: 12.727 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1676043

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.5	41.3

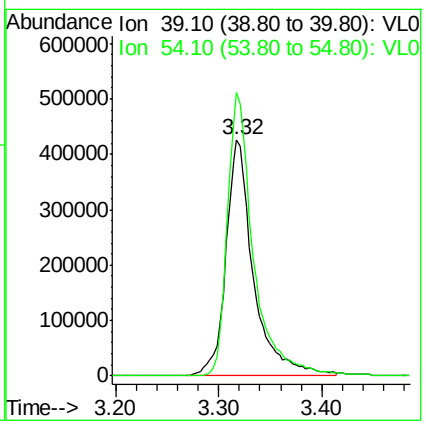


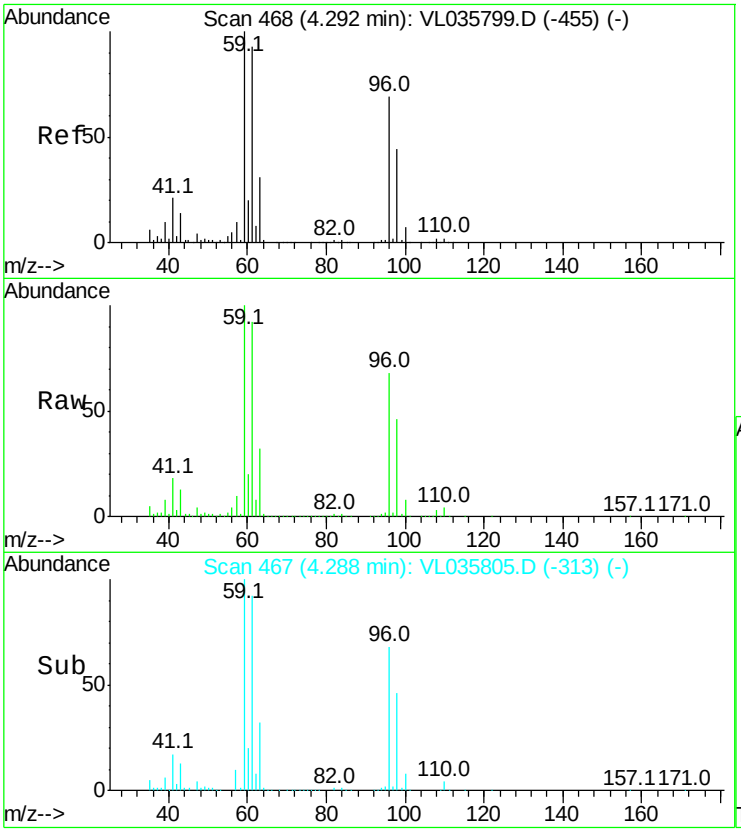


#16
1,3-Butadiene
Concen: 16.326 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 39 Resp: 786571

Ion	Ratio	Lower	Upper
39	100		
54	116.1	87.1	130.7



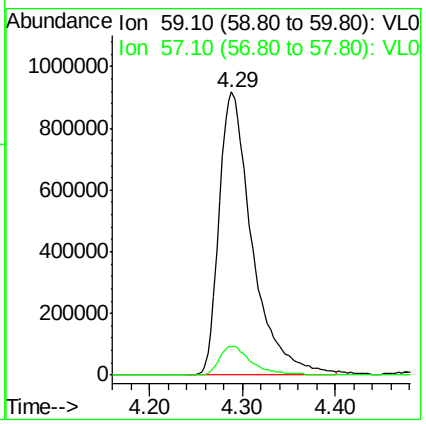


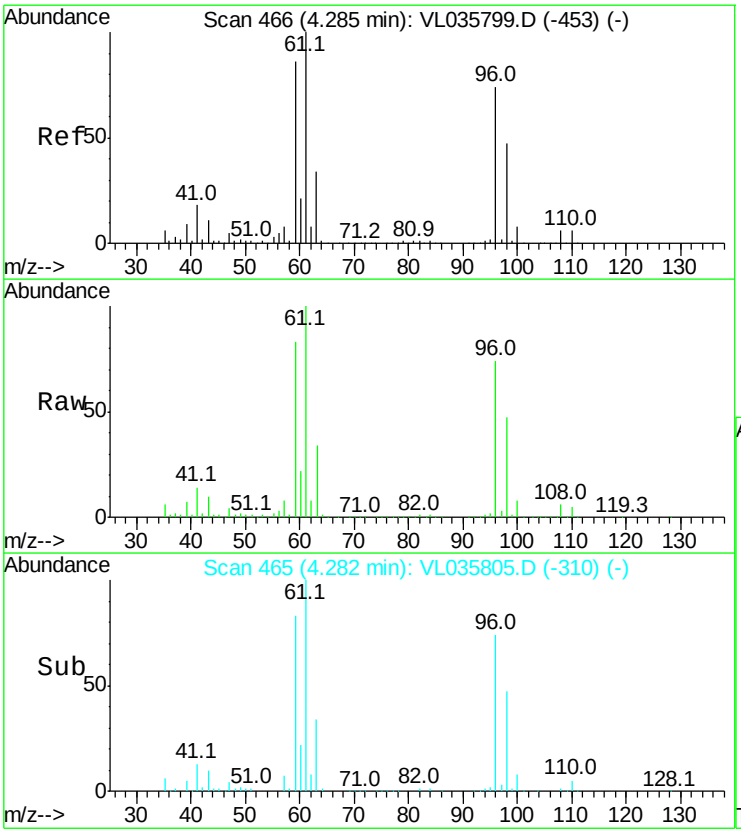
#17
tert-Butyl alcohol
Concen: 15.893 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 2279873

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

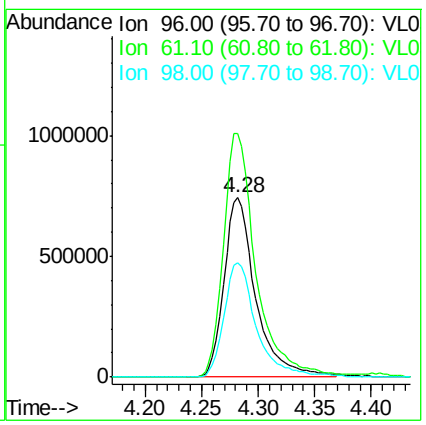


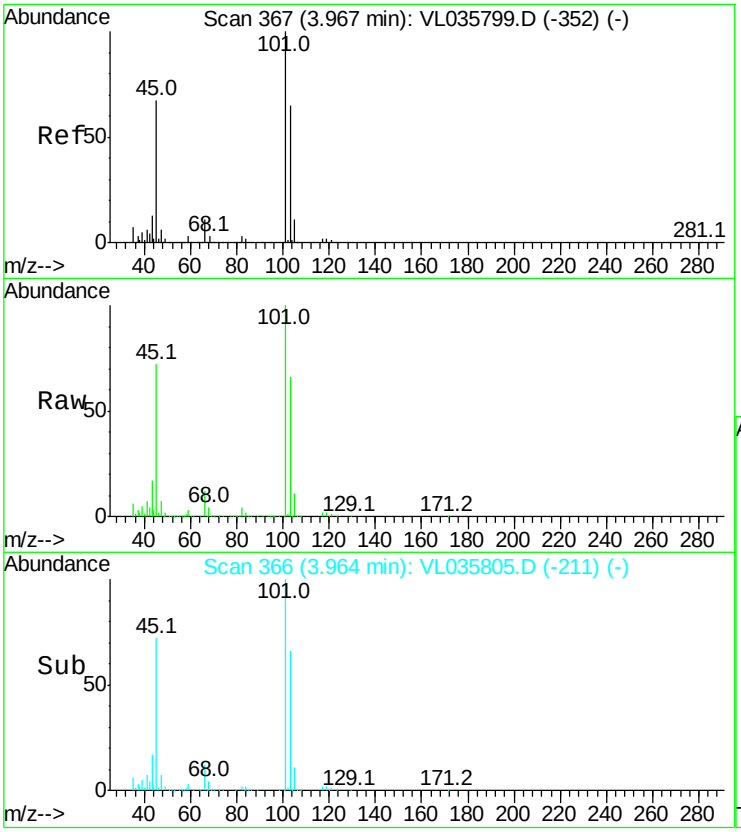


#18
1,1-Dichloroethene
Concen: 15.582 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 96 Resp: 1457312

Ion	Ratio	Lower	Upper
96	100		
61	135.8	108.5	162.7
98	63.9	50.7	76.1



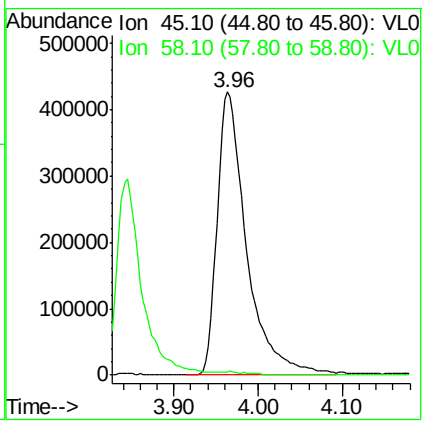


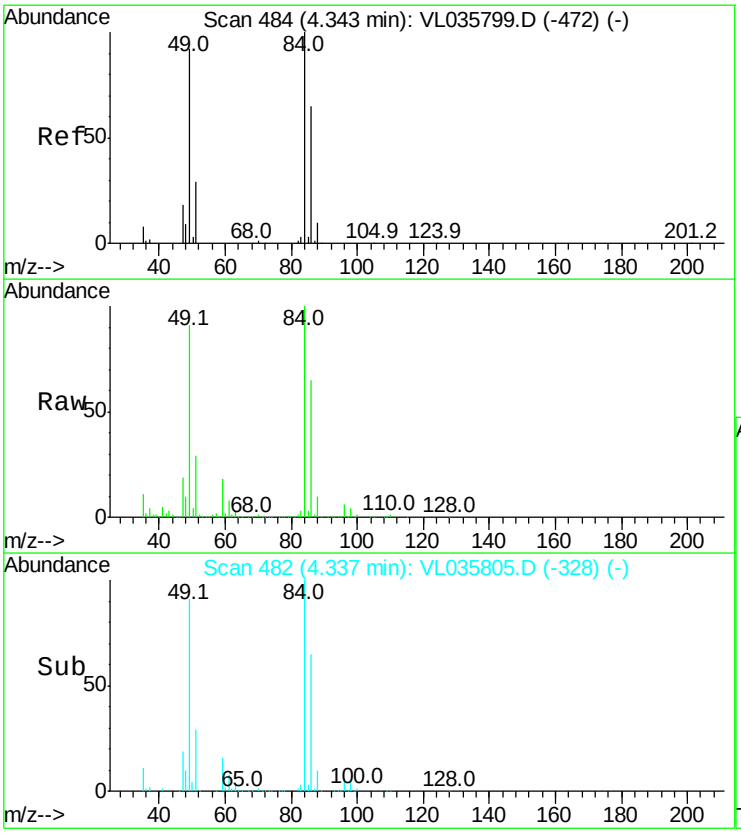
#19
Isopropyl Alcohol
Concen: 14.392 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 1031025

Ion	Ratio	Lower	Upper
45	100		
58	58.6	2.6	3.8#

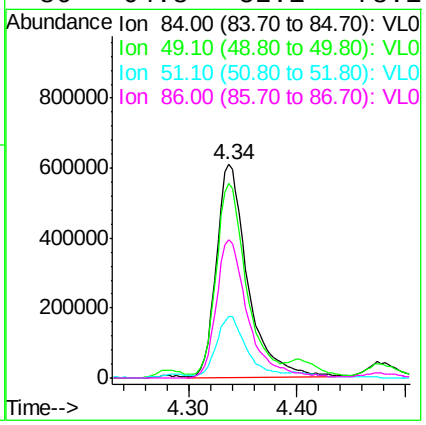


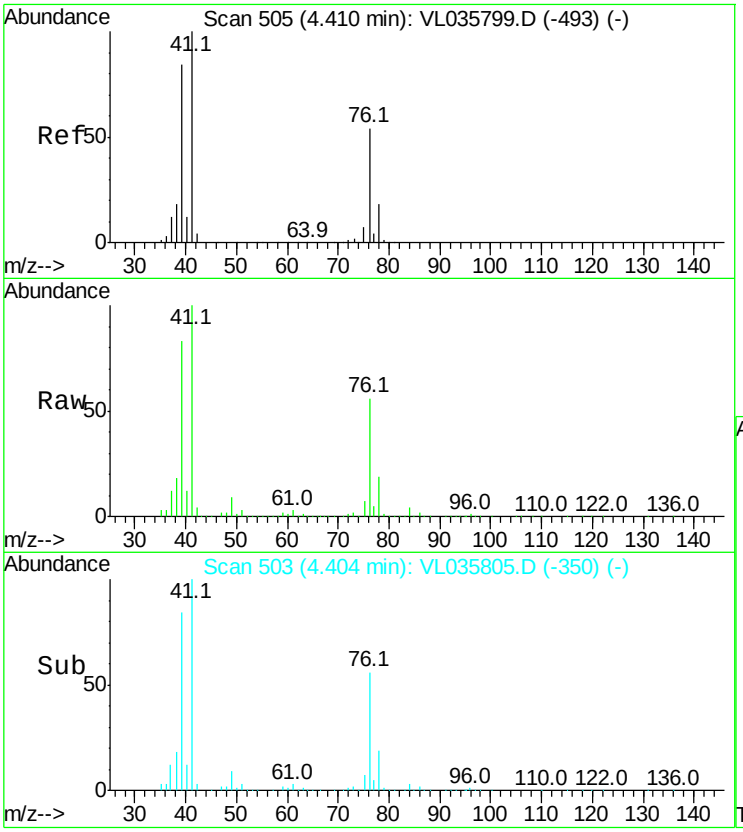


#20
Methylene Chloride
Concen: 12.762 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 84 Resp: 1234556

Ion	Ratio	Lower	Upper
84	100		
49	89.9	73.8	110.8
51	28.5	23.0	34.4
86	64.8	52.1	78.1



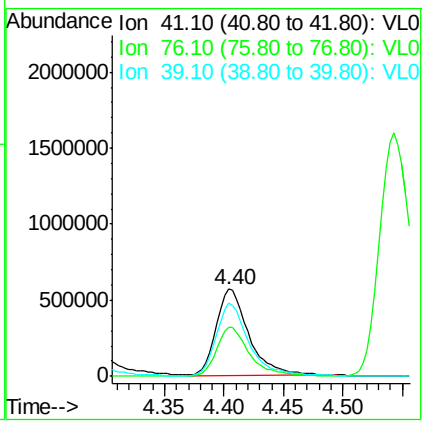


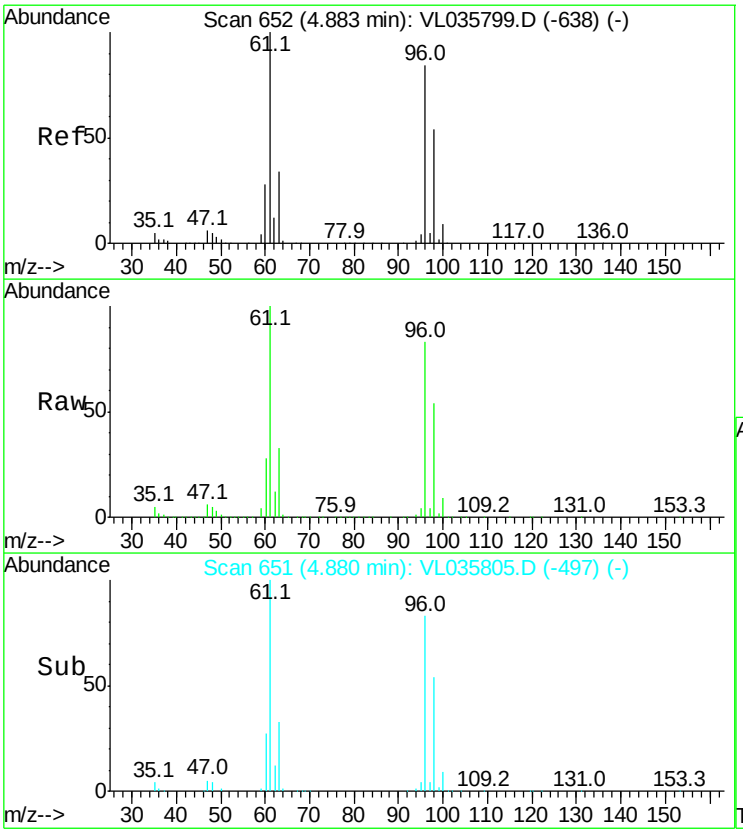
#21
Allyl Chloride
Concen: 17.026 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1086857

Ion	Ratio	Lower	Upper
41	100		
76	57.5	42.6	63.8
39	83.9	67.0	100.4

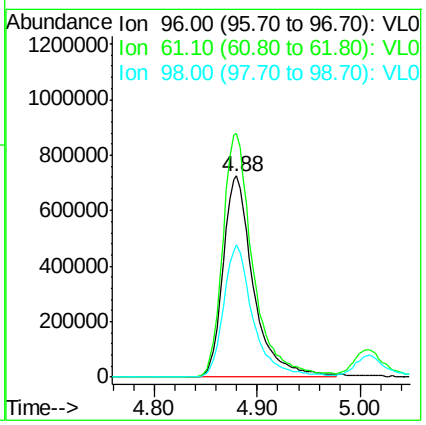


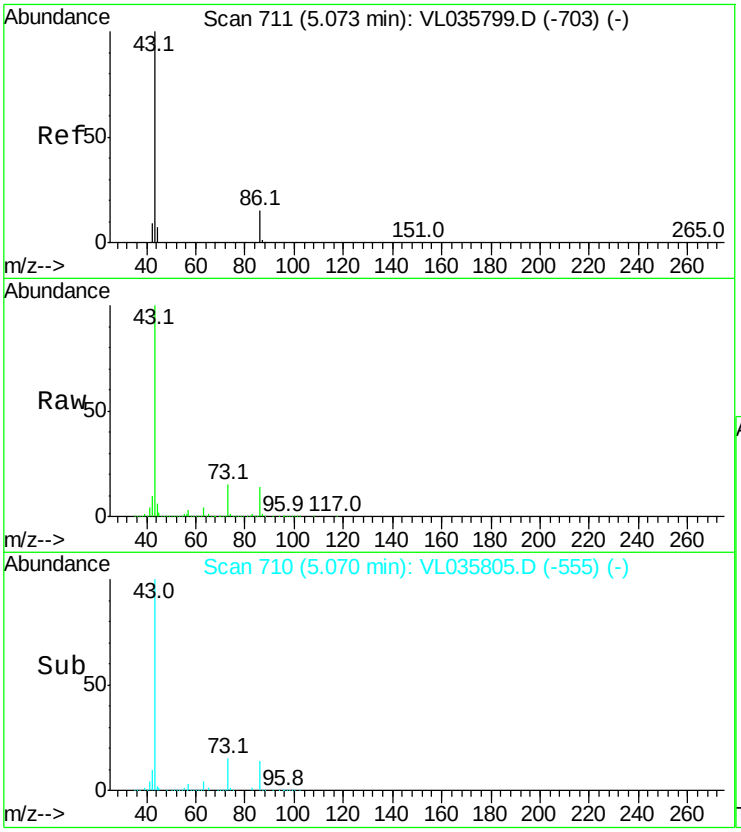


#22
trans-1,2-Dichloroethene
Concen: 14.982 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 96 Resp: 1480292

Ion	Ratio	Lower	Upper
96	100		
61	121.2	95.4	143.0
98	65.6	51.8	77.6



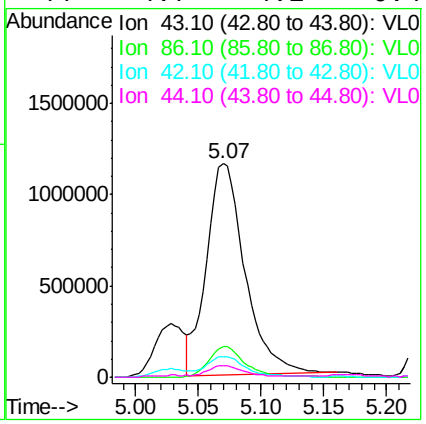


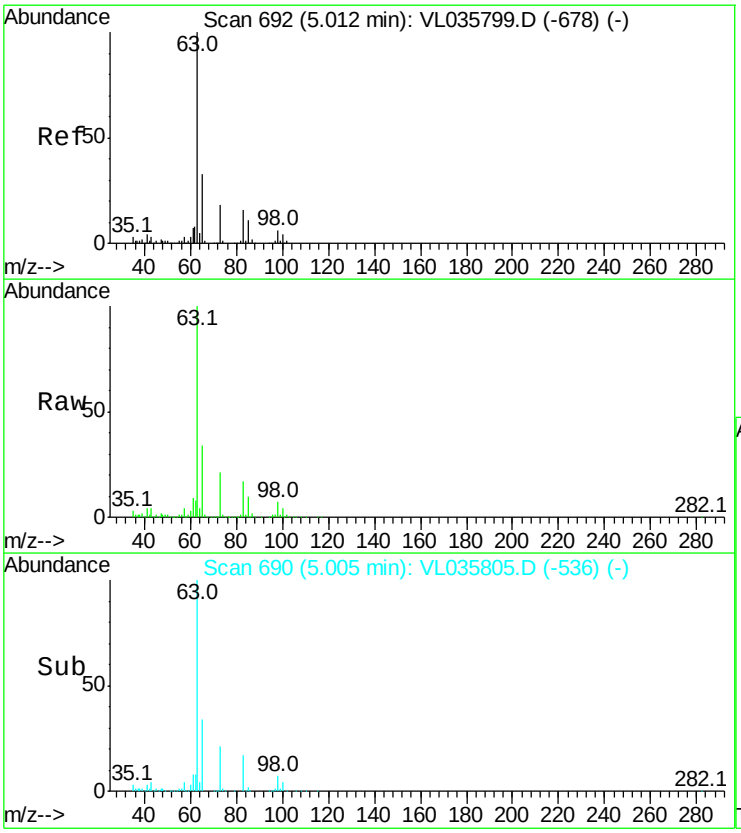
#23
Vinyl Acetate
Concen: 15.321 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2471431

Ion	Ratio	Lower	Upper
43	100		
86	14.3	9.8	14.6
42	9.5	8.1	12.1
44	4.7	4.2	6.4

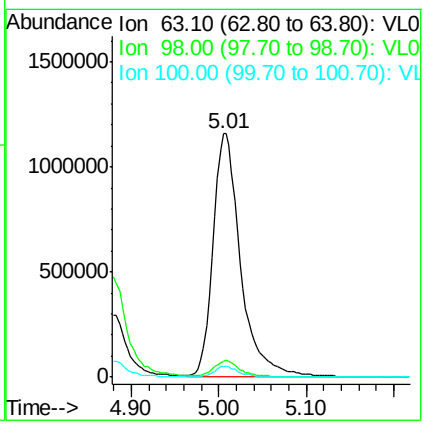


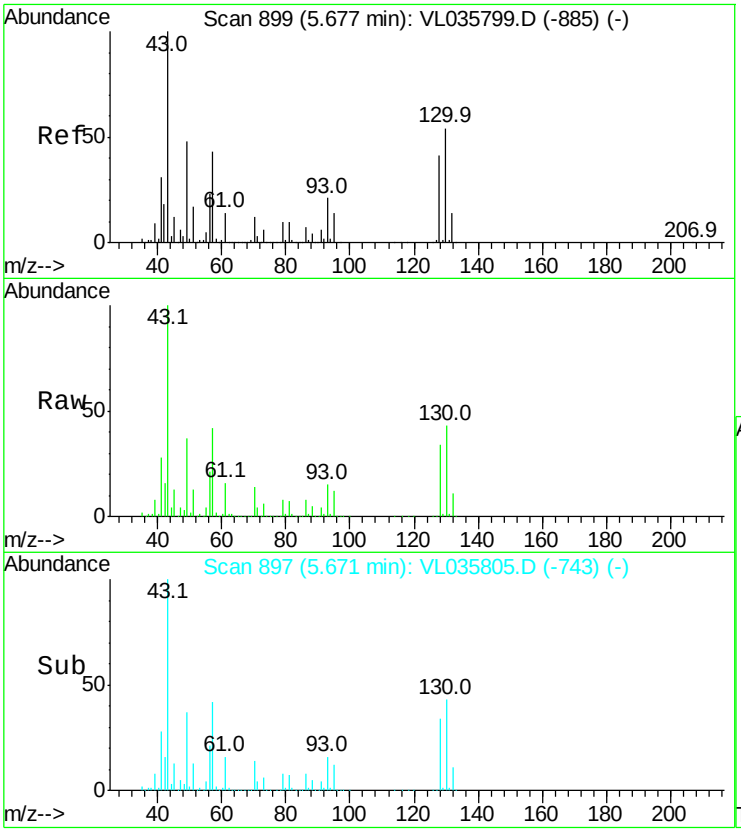


#24
1,1-Dichloroethane
Concen: 14.318 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 63 Resp: 2515695

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.0	9.2
100	4.3	1.8	5.4



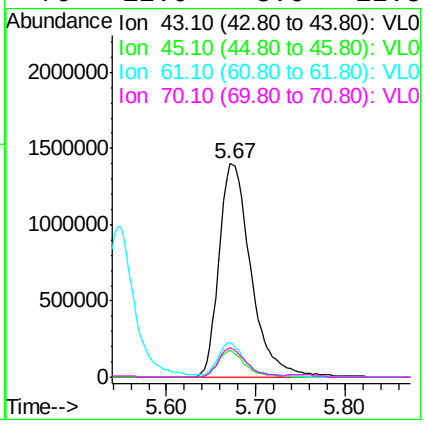


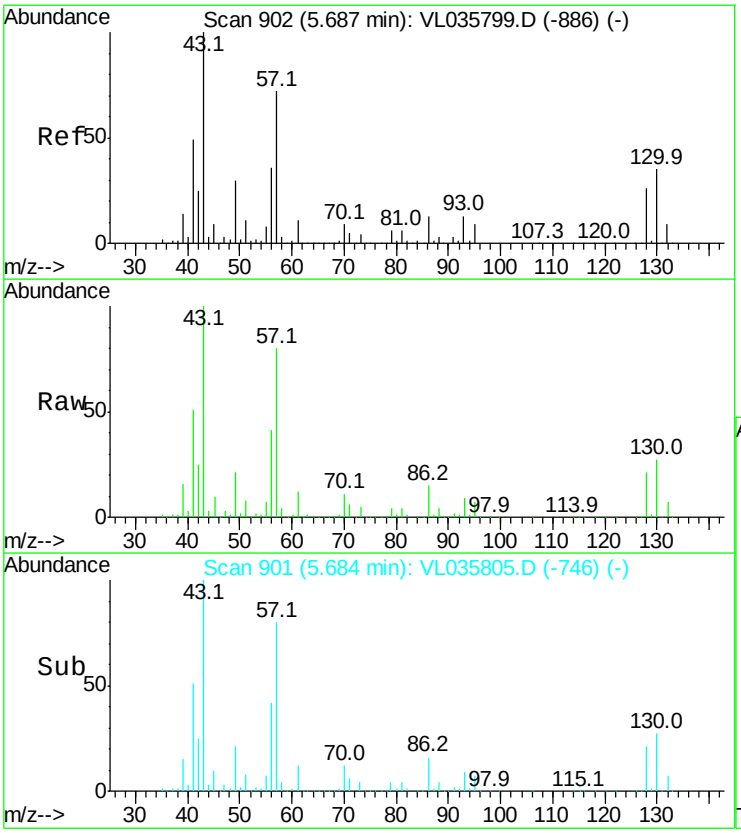
#25
Ethyl Acetate
Concen: 14.685 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3480004

Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.5	12.7
61	14.1	10.7	16.1
70	12.0	8.6	12.8

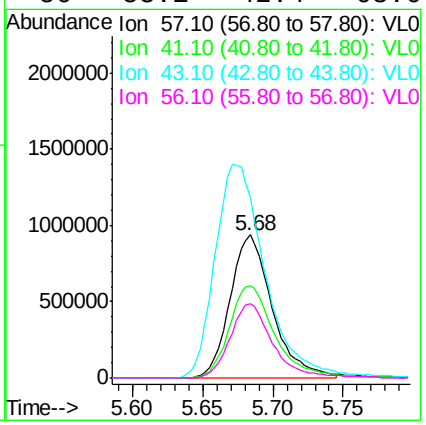


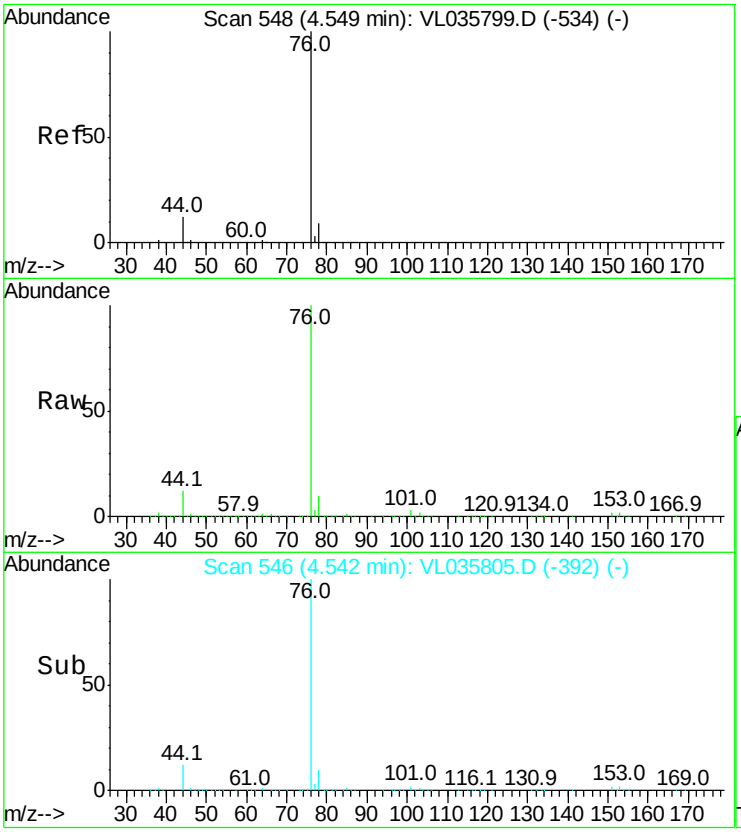


#26
Hexane
Concen: 15.120 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 57 Resp: 1963432

Ion	Ratio	Lower	Upper
57	100		
41	70.3	58.9	88.3
43	177.9	150.2	225.2
56	53.1	42.4	63.6



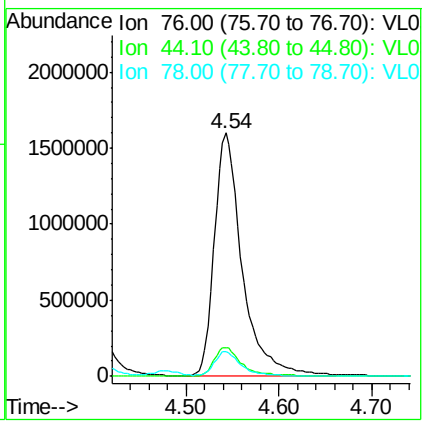


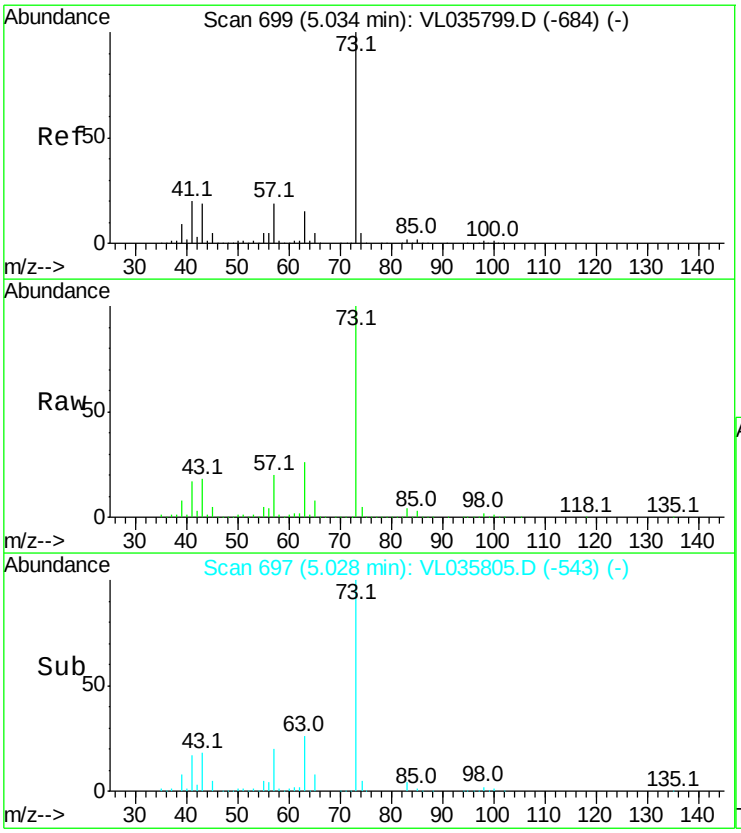
#27
Carbon Disulfide
Concen: 17.133 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 3316172

Ion	Ratio	Lower	Upper
76	100		
44	11.8	9.9	14.9
78	10.4	8.1	12.1

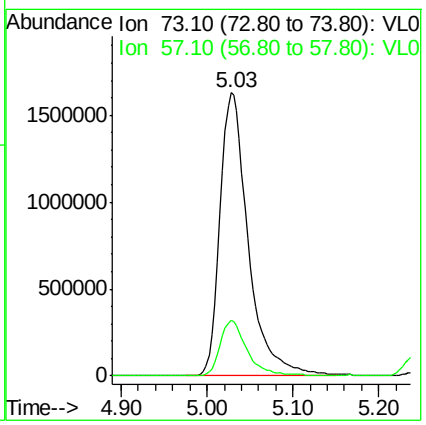


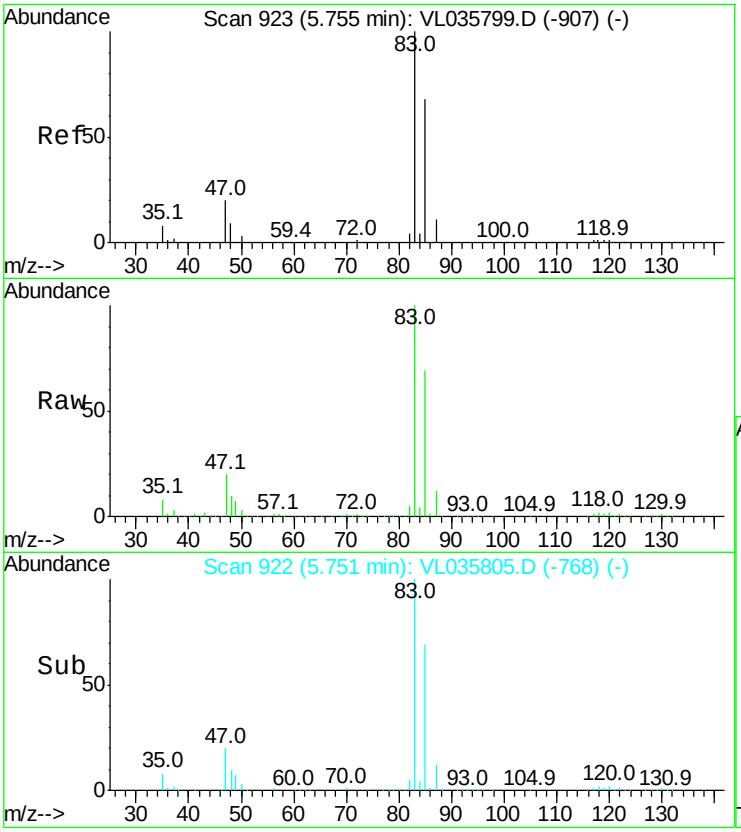


#28
Methyl tert-Butyl Ether
Concen: 18.130 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 73 Resp: 3731893

Ion	Ratio	Lower	Upper
73	100		
57	18.9	15.4	23.2



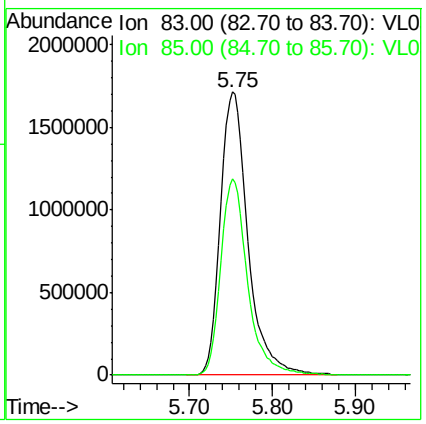


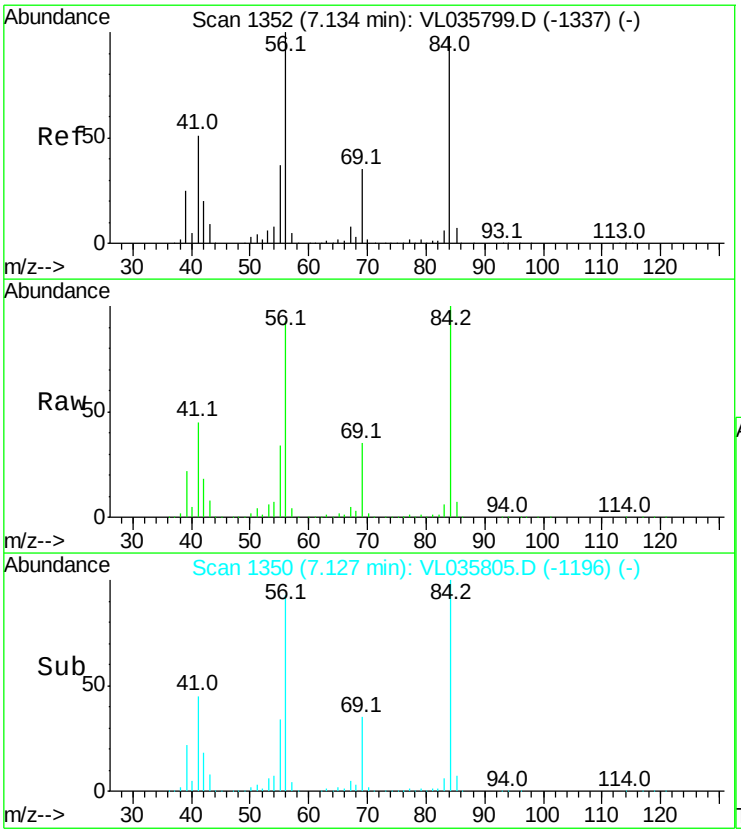
#29
Chloroform
Concen: 14.982 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 3950882

Ion	Ratio	Lower	Upper
83	100		
85	69.0	54.6	81.8

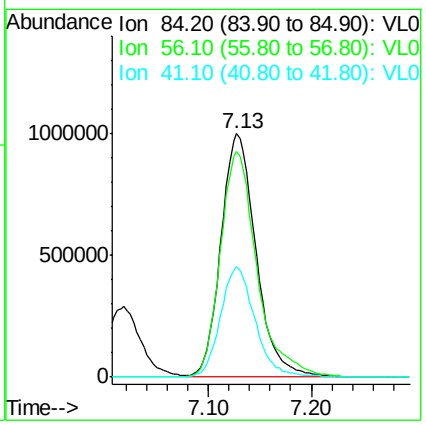


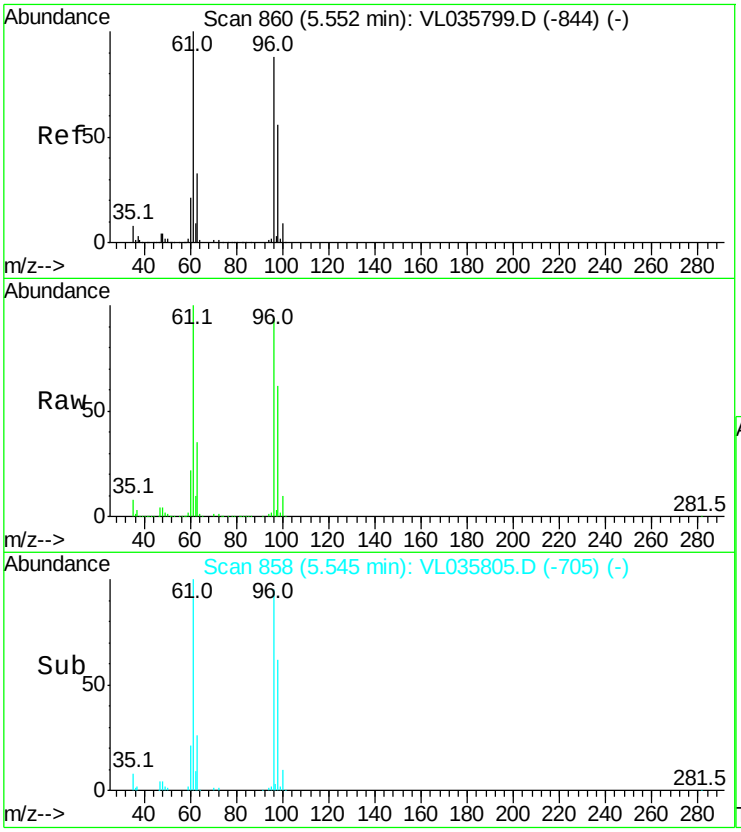


#30
Cyclohexane
Concen: 18.331 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 84 Resp: 2348645

Ion	Ratio	Lower	Upper
84	100		
56	97.8	86.4	129.6
41	45.2	42.1	63.1



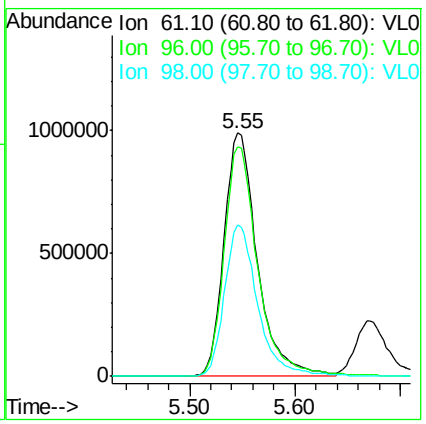


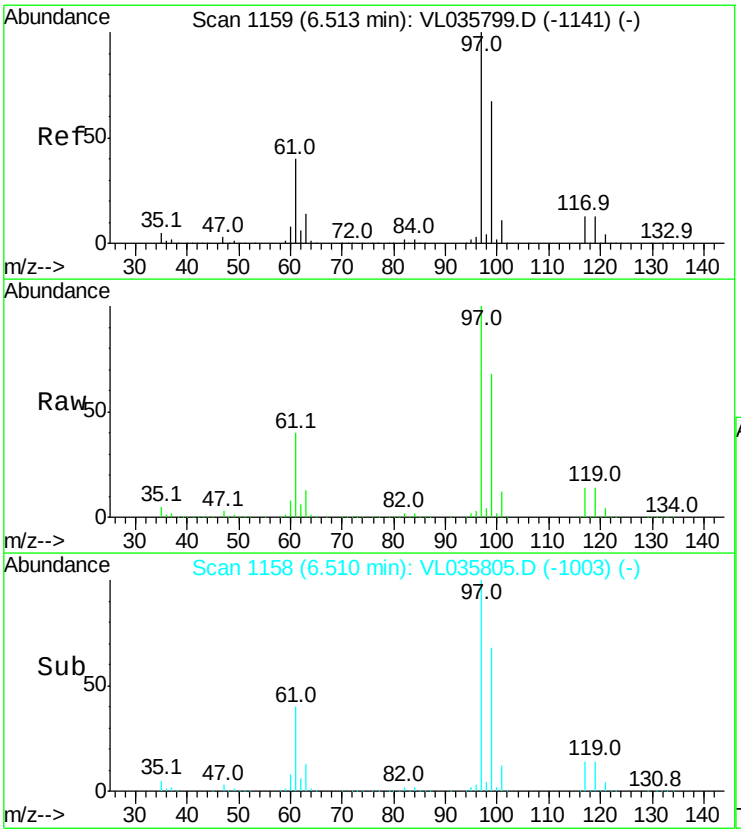
#31
cis-1,2-Dichloroethene
Concen: 17.270 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 2164856

Ion	Ratio	Lower	Upper
61	100		
96	94.4	70.3	105.5
98	62.0	45.0	67.6

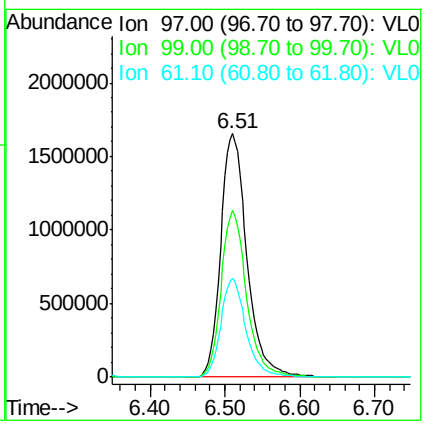


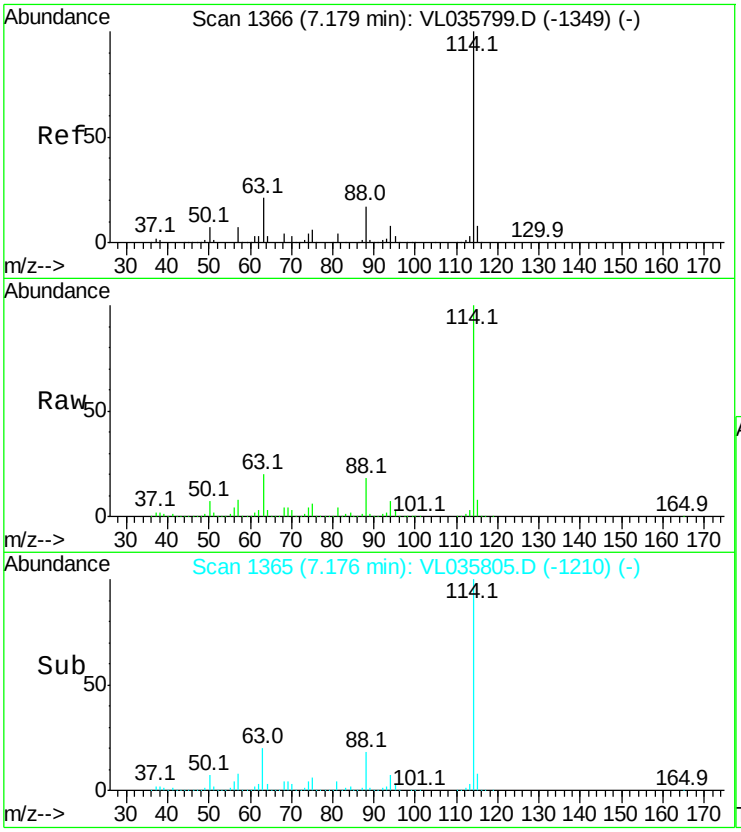


#32
1,1,1-Trichloroethane
Concen: 17.274 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 97 Resp: 4015695

Ion	Ratio	Lower	Upper
97	100		
99	66.5	52.3	78.5
61	38.7	32.0	48.0



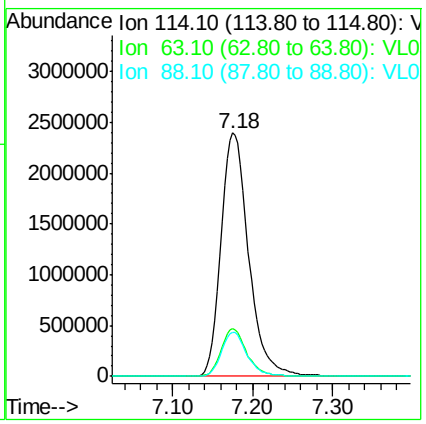


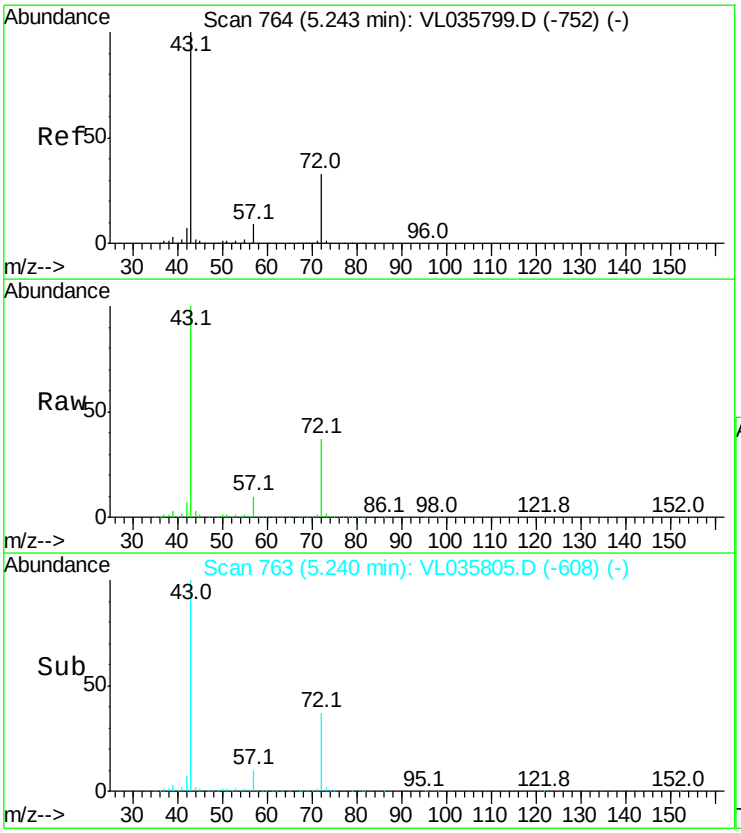
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 5676225

Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.1	24.1
88	16.9	13.7	20.5

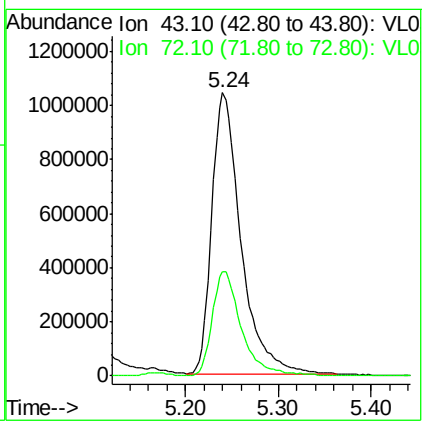


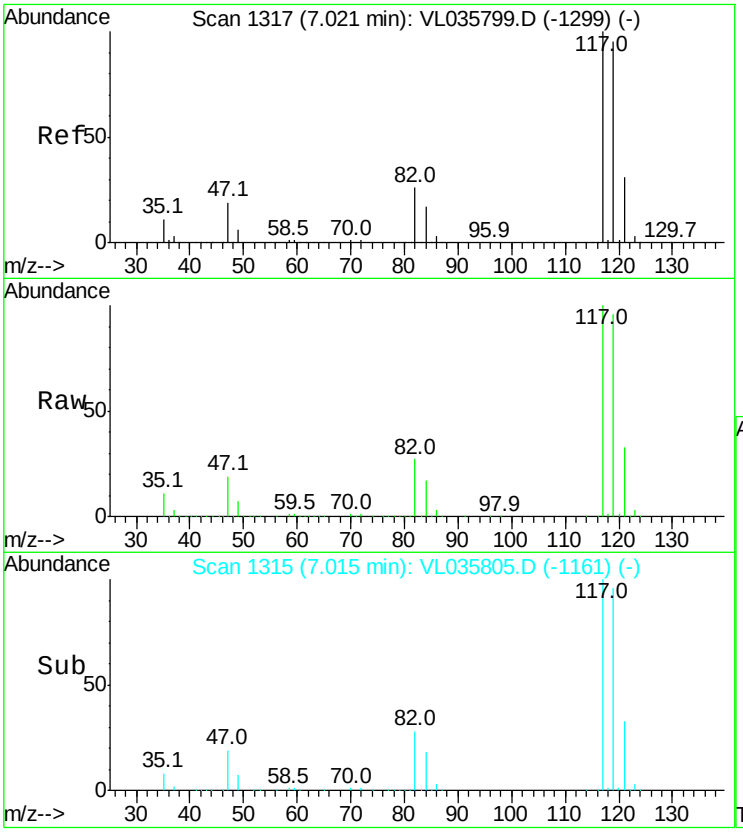


#34
2-Butanone
Concen: 12.023 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 43 Resp: 2257170

Ion	Ratio	Lower	Upper
43	100		
72	37.6	26.5	39.7



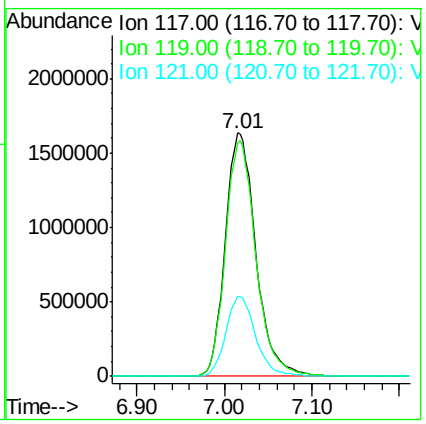


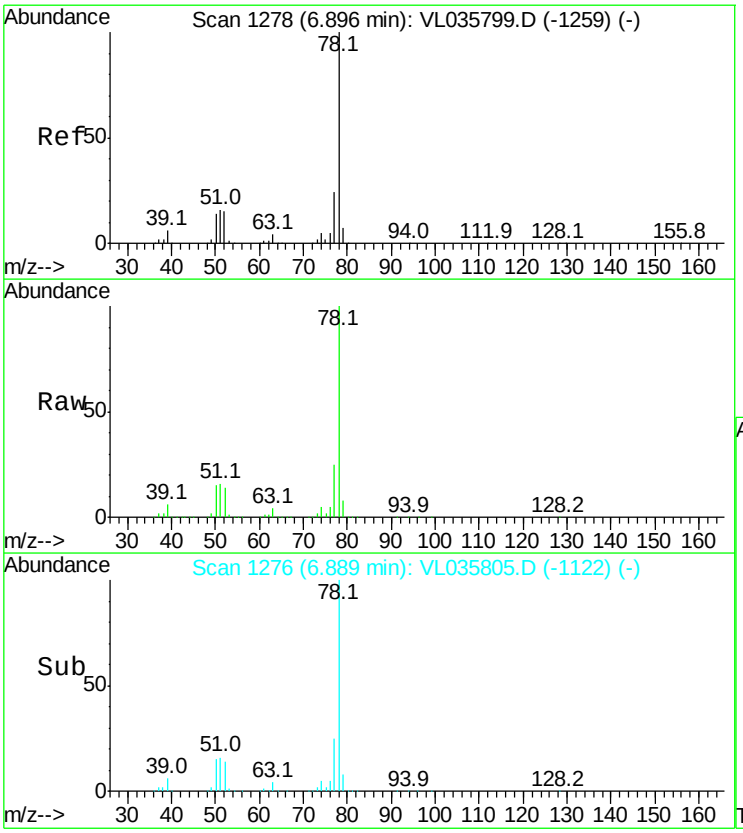
#35
Carbon Tetrachloride
Concen: 13.422 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 3972080

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.6	113.4
121	32.5	25.1	37.7

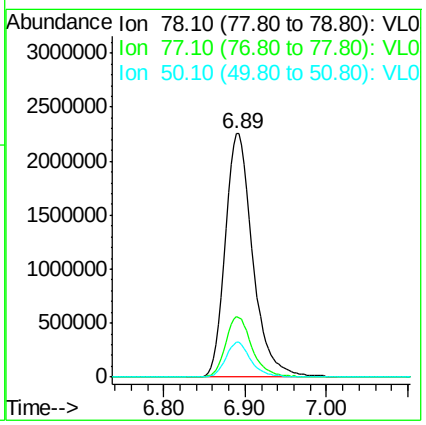


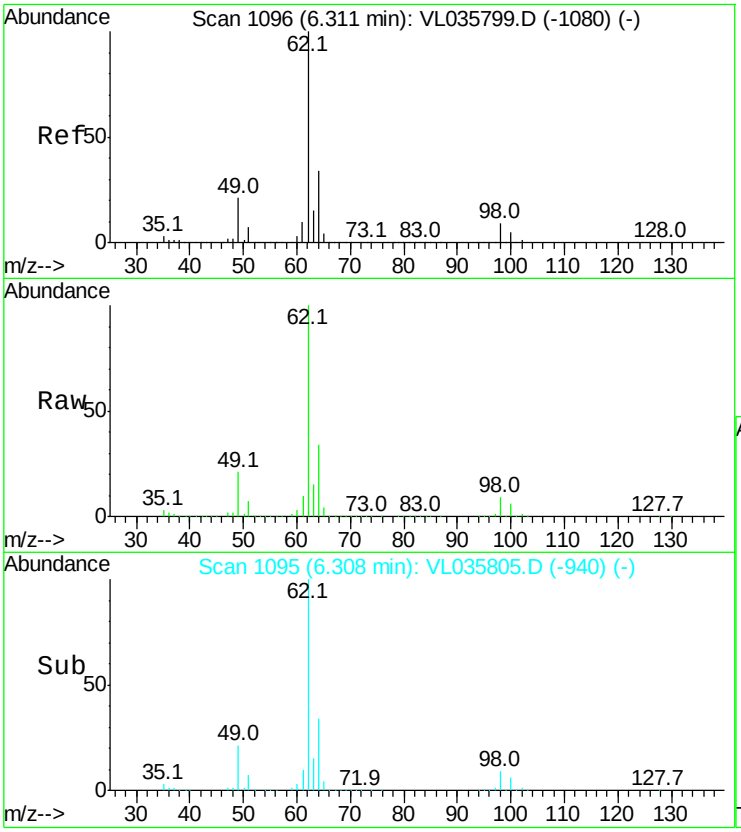


#36
Benzene
Concen: 14.449 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 78 Resp: 5344325

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9
50	14.5	11.4	17.2



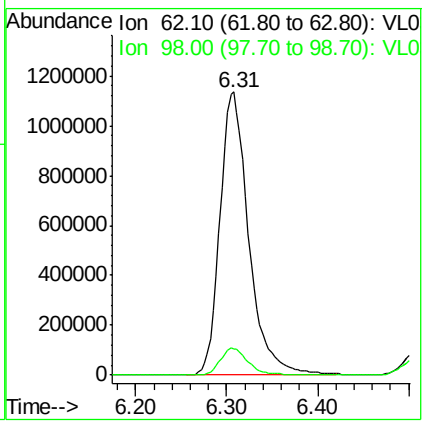


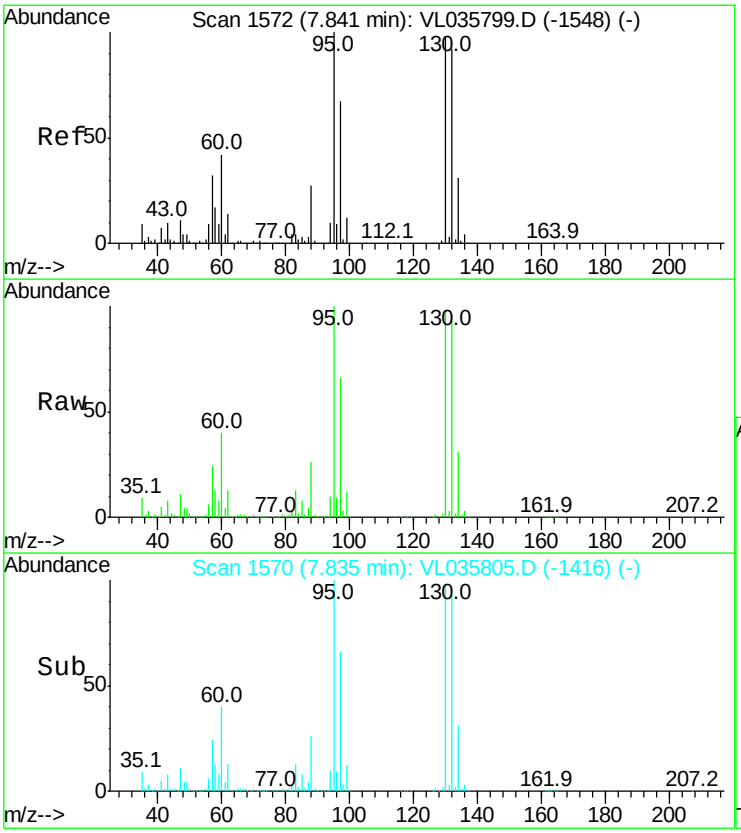
#37
1,2-Dichloroethane
Concen: 12.973 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 62 Resp: 2500839

Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.9	10.3

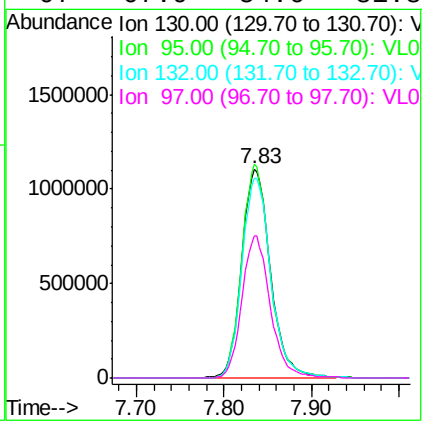


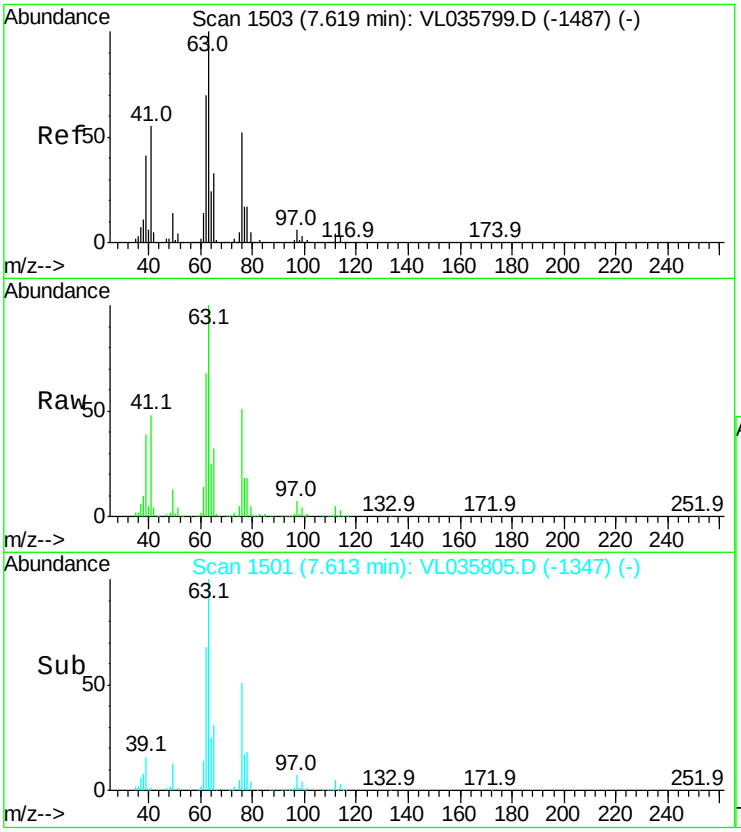


#38
Trichloroethene
Concen: 13.720 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:130 Resp: 2531471

Ion	Ratio	Lower	Upper
130	100		
95	102.2	81.6	122.4
132	95.4	75.1	112.7
97	67.9	54.6	81.8



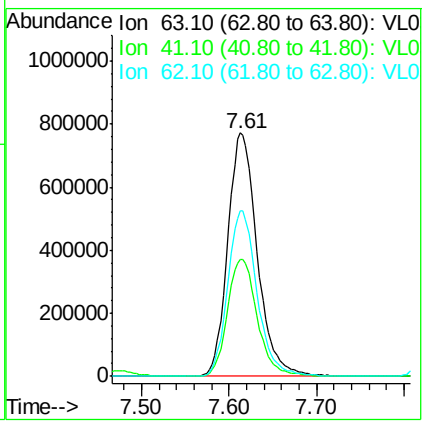


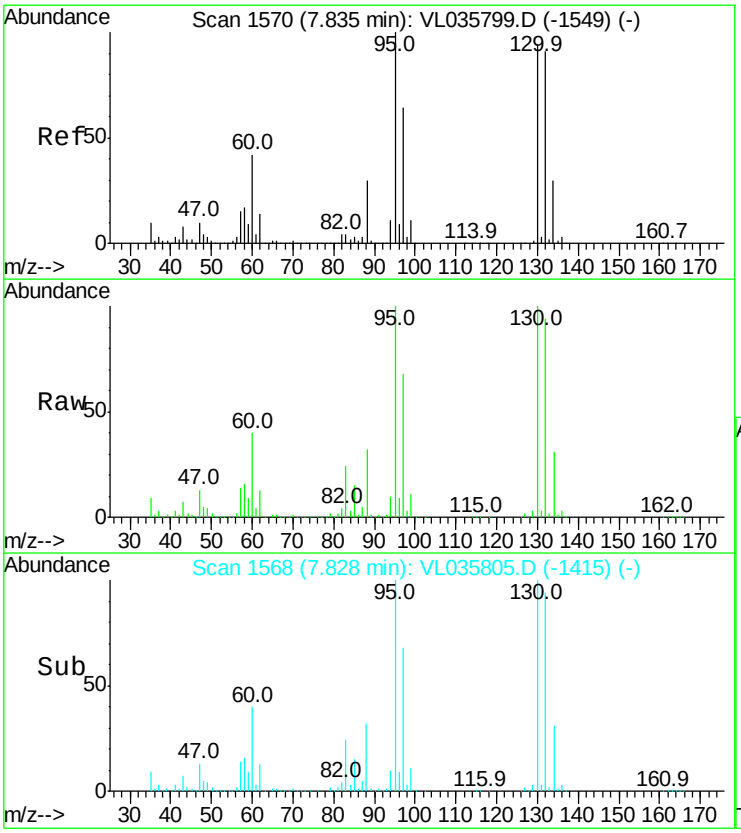
#39
1,2-Dichloropropane
Concen: 13.456 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1803892

Ion	Ratio	Lower	Upper
63	100		
41	48.1	43.8	65.6
62	68.2	56.2	84.2

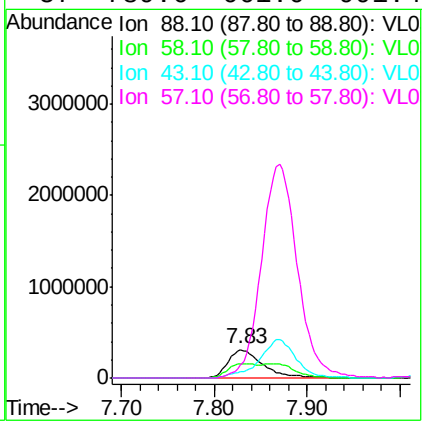


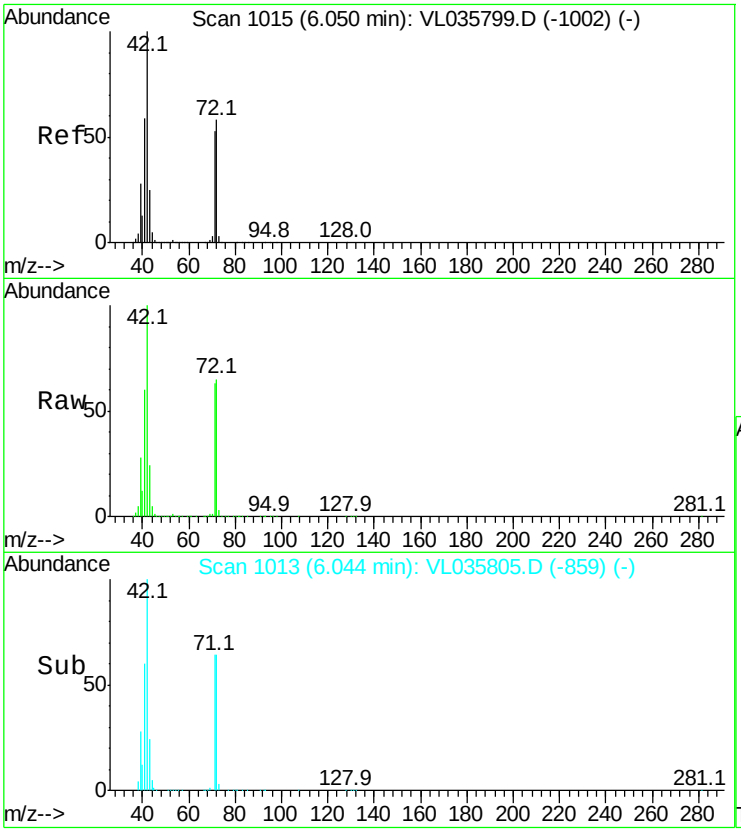


#40
1,4-Dioxane
Concen: 13.172 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 88 Resp: 807584

Ion	Ratio	Lower	Upper
88	100		
58	90.7	76.2	114.2
43	145.2	123.1	184.7
57	789.6	661.0	991.4



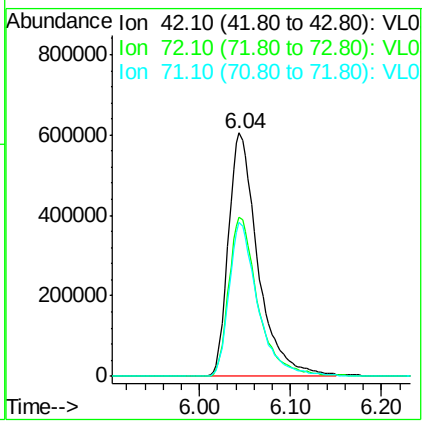


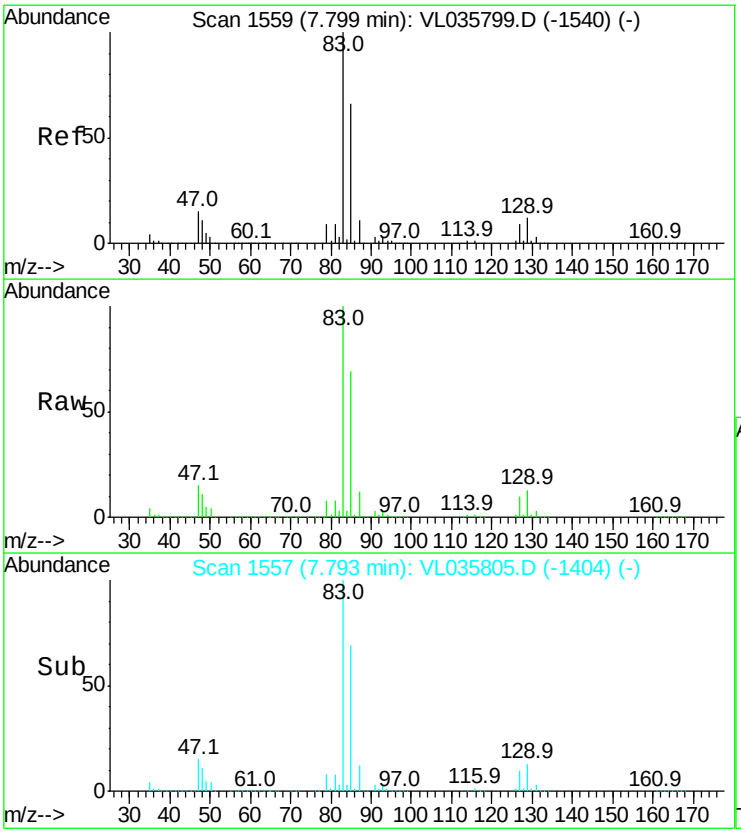
#41
Tetrahydrofuran
Concen: 14.414 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1363294

Ion	Ratio	Lower	Upper
42	100		
72	65.1	45.4	68.0
71	62.1	43.4	65.2

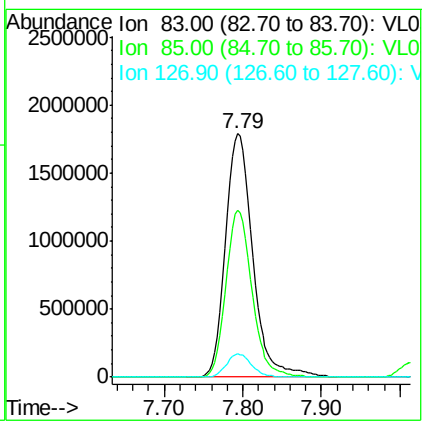


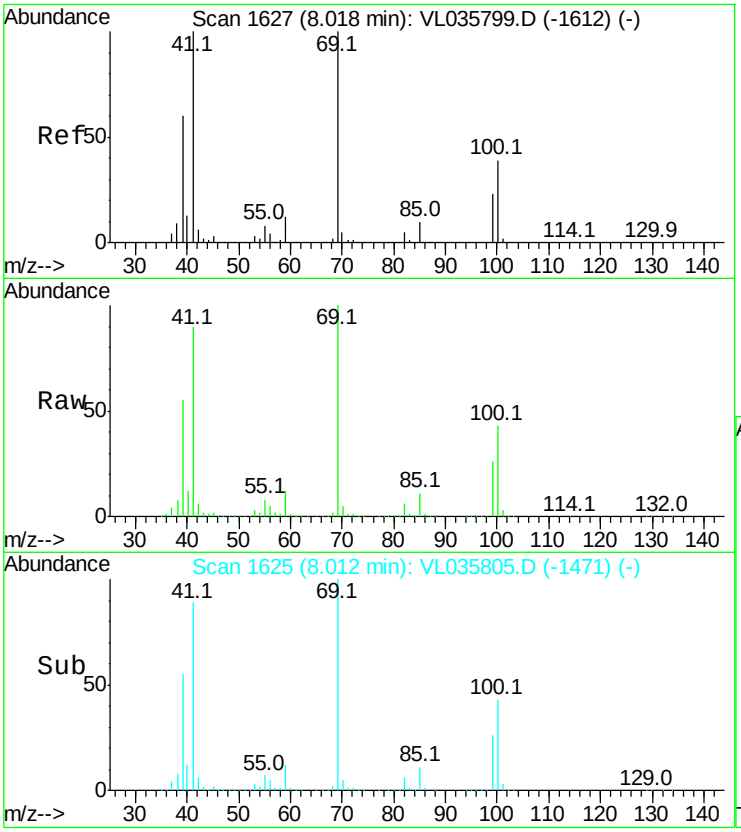


#42
Bromodichloromethane
Concen: 13.862 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 83 Resp: 4304619

Ion	Ratio	Lower	Upper
83	100		
85	68.7	53.1	79.7
127	9.8	7.3	10.9



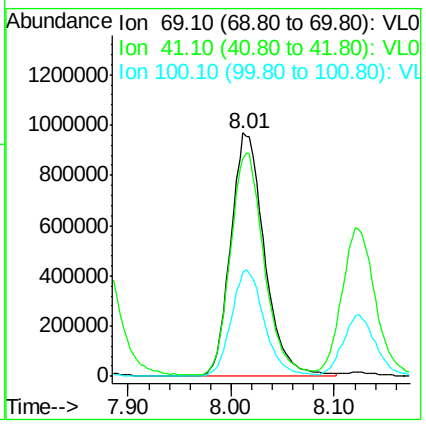


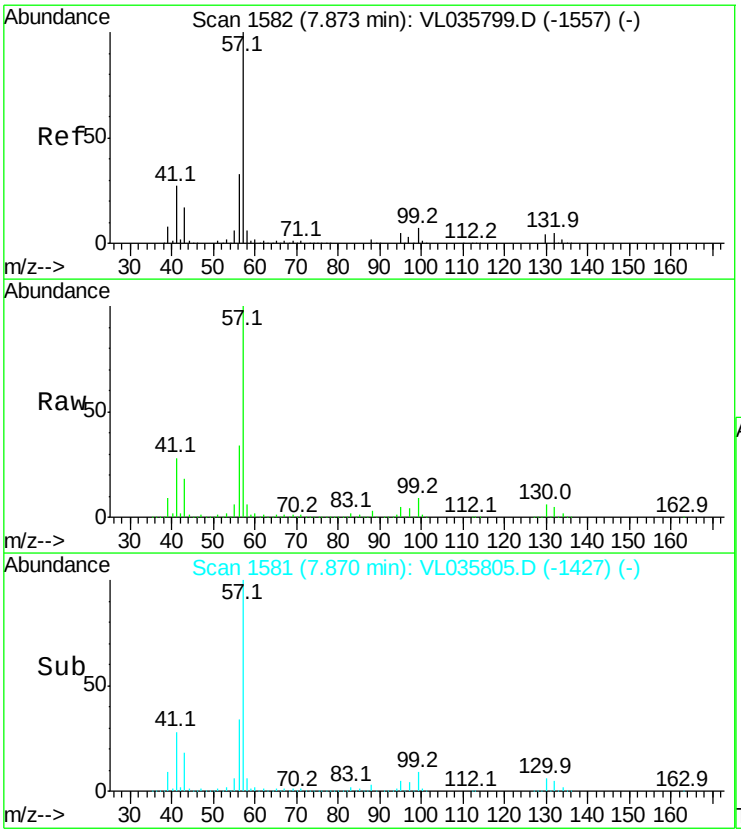
#43
Methyl Methacrylate
Concen: 15.049 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 2213734

Ion	Ratio	Lower	Upper
69	100		
41	91.9	81.1	121.7
100	42.8	31.0	46.4

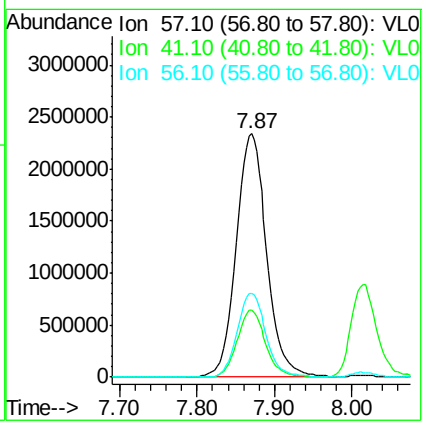


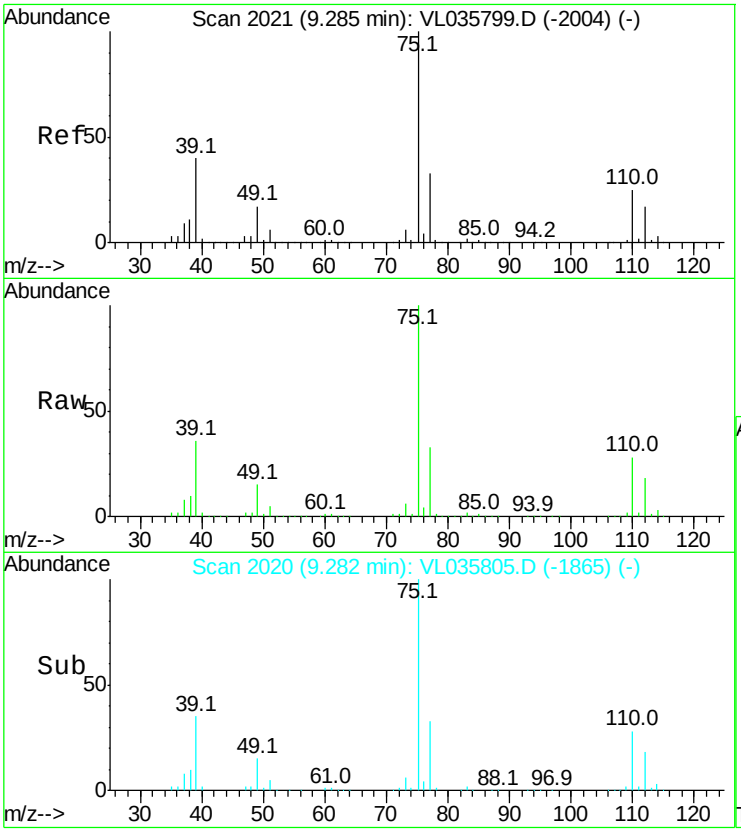


#44
2,2,4-Trimethylpentane
Concen: 12.009 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 57 Resp: 6373845

Ion	Ratio	Lower	Upper
57	100		
41	25.6	21.0	31.4
56	32.5	25.4	38.0



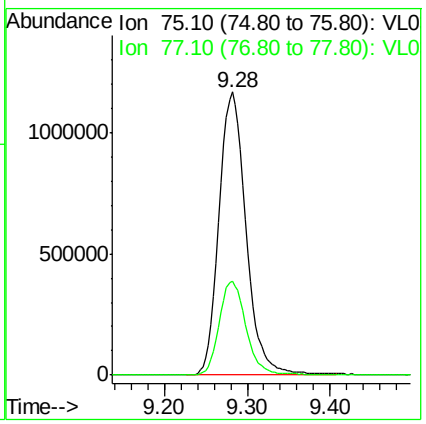


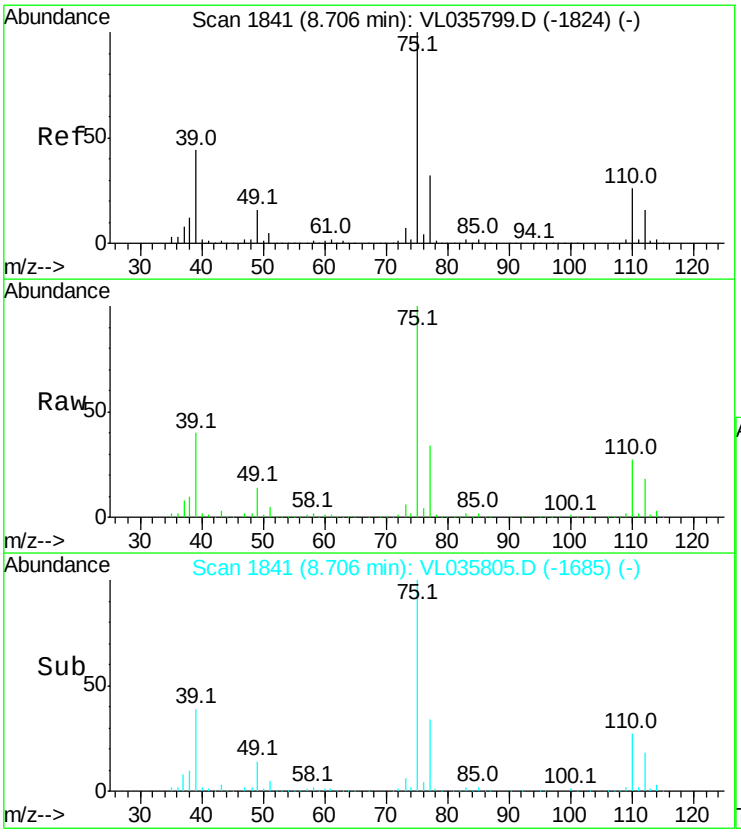
#45
t-1,3-Dichloropropene
Concen: 17.820 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 2646592

Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.4	39.6

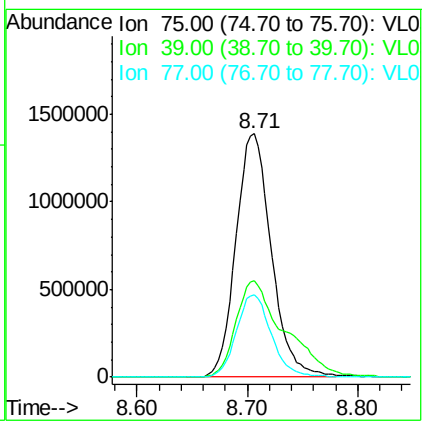


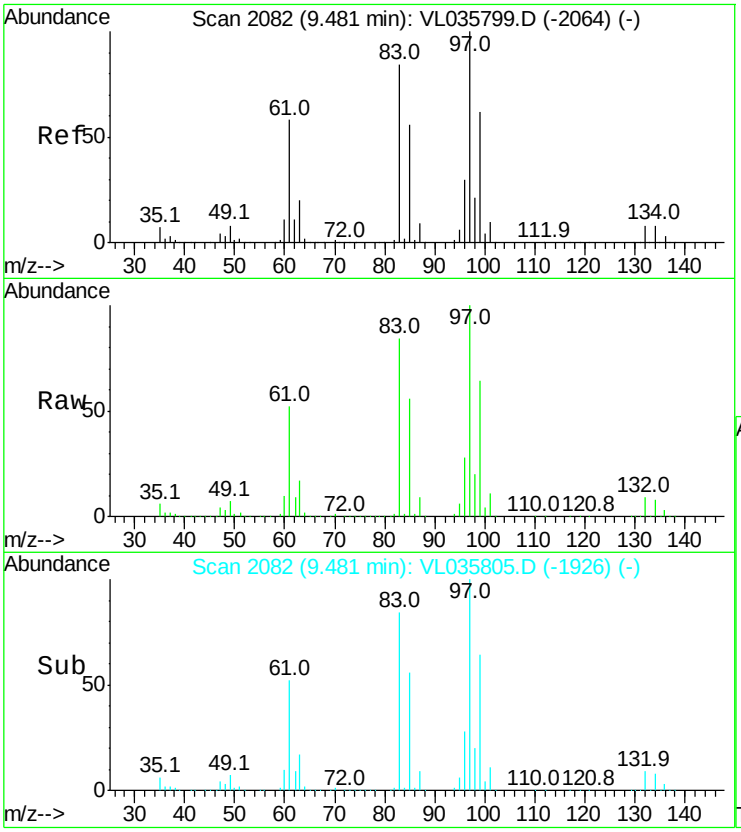


#46
cis-1,3-Dichloropropene
Concen: 16.928 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 75 Resp: 3098974

Ion	Ratio	Lower	Upper
75	100		
39	39.5	35.1	52.7
77	33.9	25.7	38.5



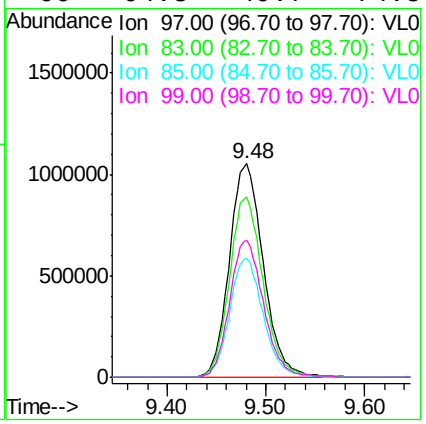


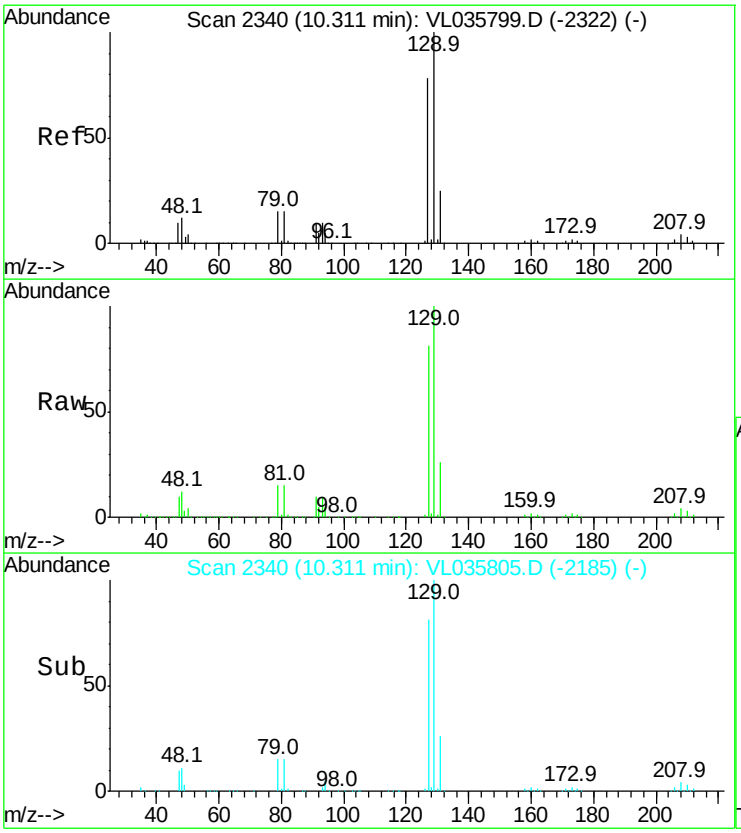
#47
1,1,2-Trichloroethane
Concen: 13.162 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 2527340

Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	55.7	44.7	67.1
99	64.3	49.7	74.5

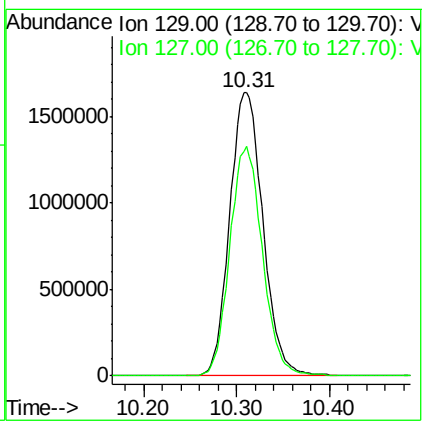


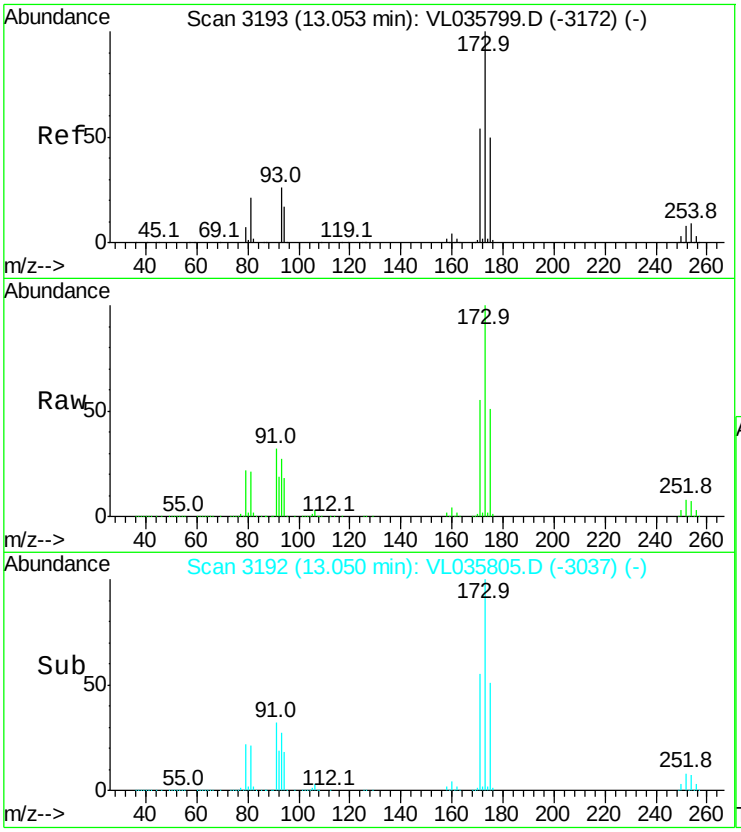


#48
Dibromochloromethane
Concen: 13.959 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:129 Resp: 4079306

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.2	117.6



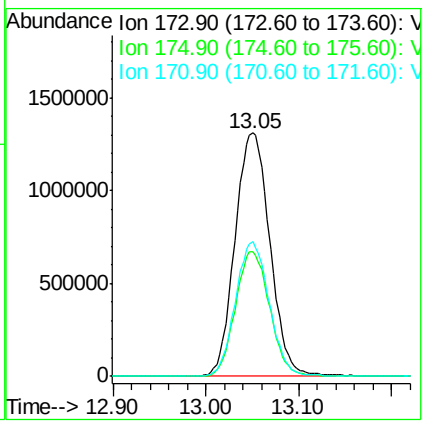


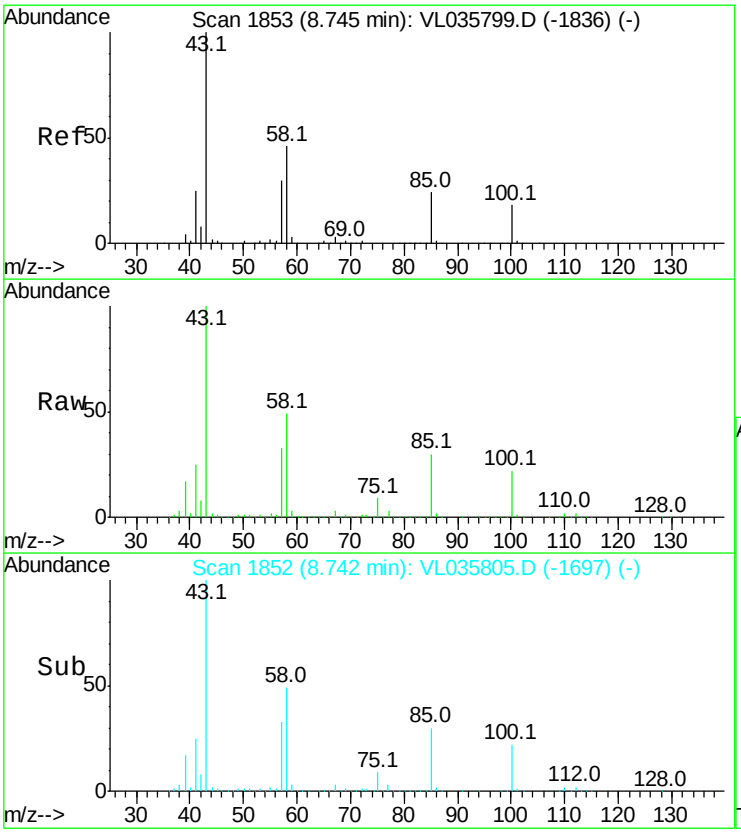
#49
Bromoform
Concen: 13.805 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 3423230

Ion	Ratio	Lower	Upper
173	100		
175	50.5	40.1	60.1
171	53.9	42.6	63.8

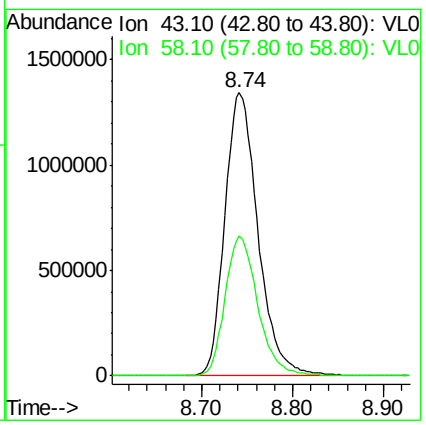


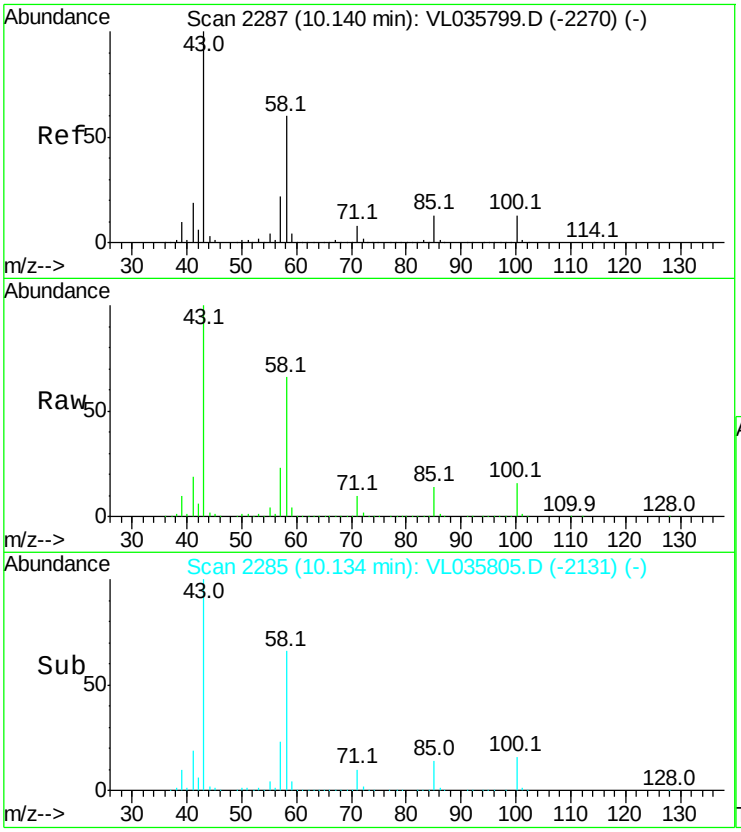


#50
4-Methyl-2-Pentanone
Concen: 12.392 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 43 Resp: 3398229

Ion	Ratio	Lower	Upper
43	100		
58	48.8	36.0	54.0



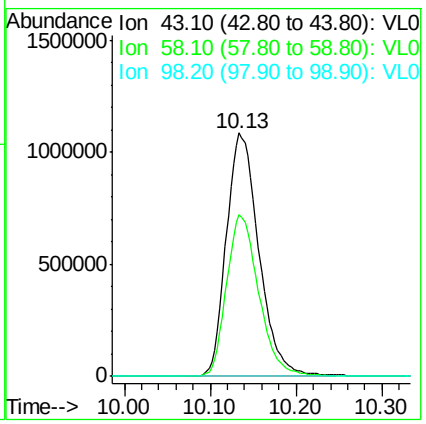


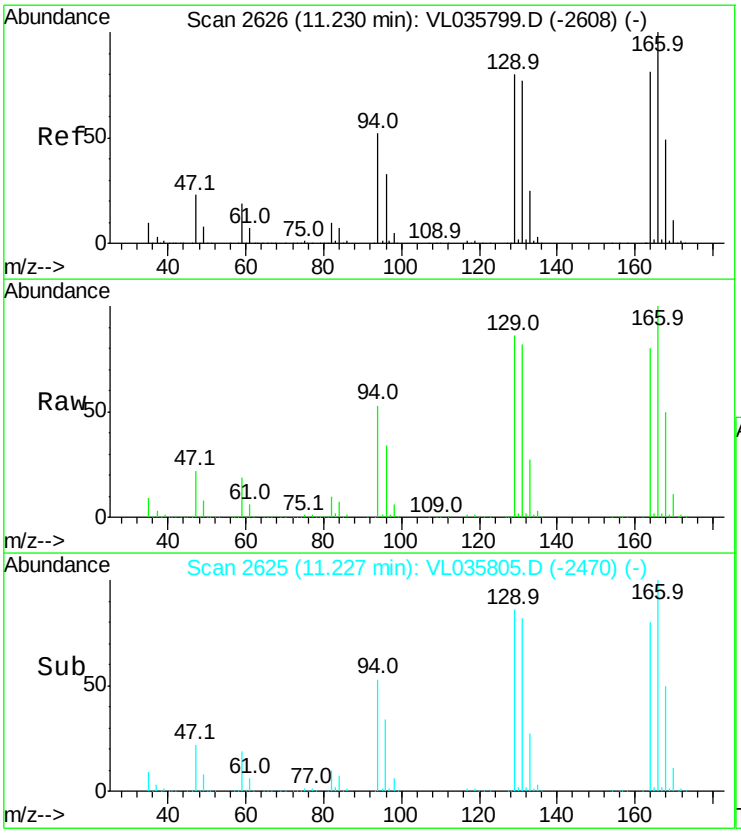
#51
2-Hexanone
Concen: 12.902 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2850540

Ion	Ratio	Lower	Upper
43	100		
58	65.9	48.3	72.5
98	0.2	0.6	0.8#

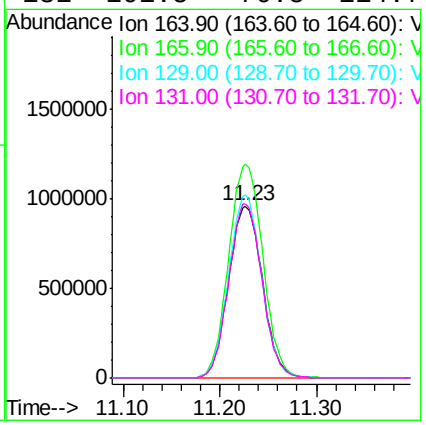


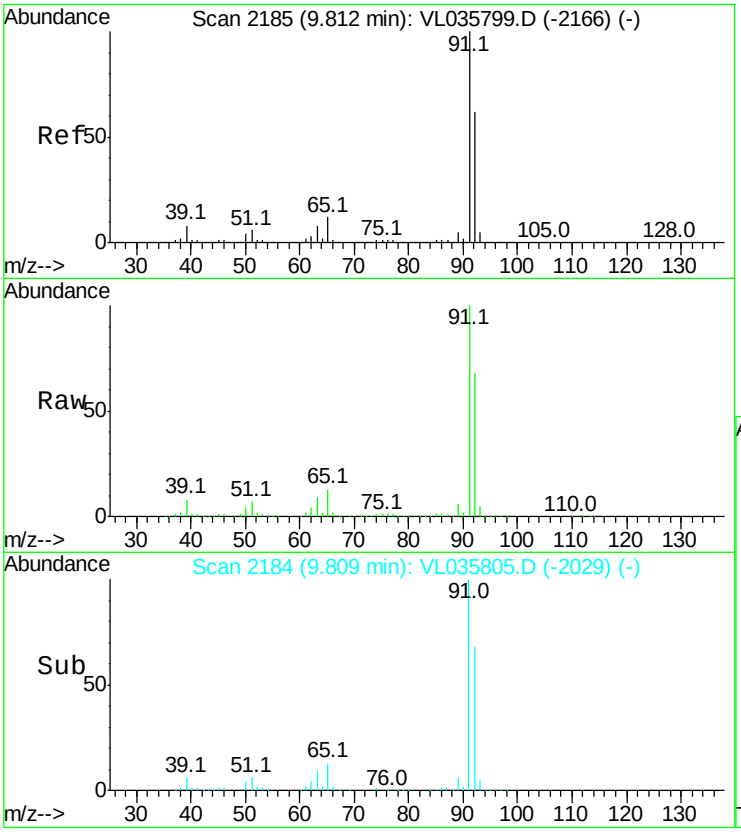


#52
Tetrachloroethene
Concen: 13.191 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:164 Resp: 2346141

Ion	Ratio	Lower	Upper
164	100		
166	124.4	99.3	148.9
129	106.4	79.3	118.9
131	101.5	76.5	114.7



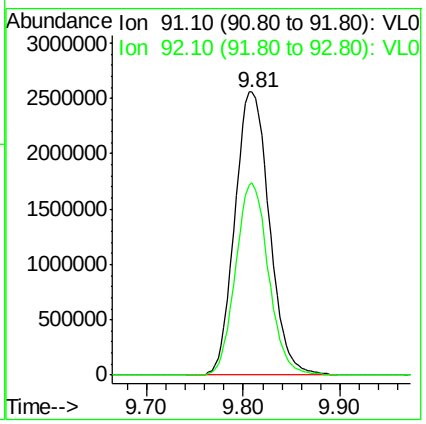


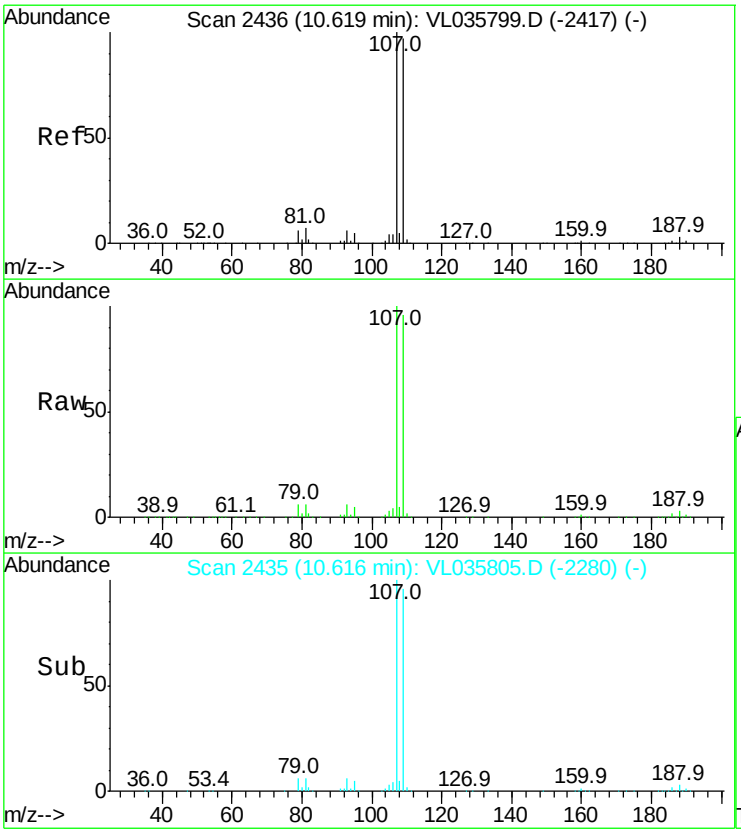
#53
Toluene
Concen: 14.564 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 6351778

Ion	Ratio	Lower	Upper
91	100		
92	64.8	49.8	74.6

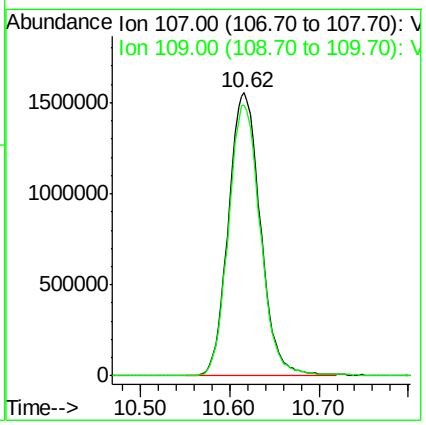


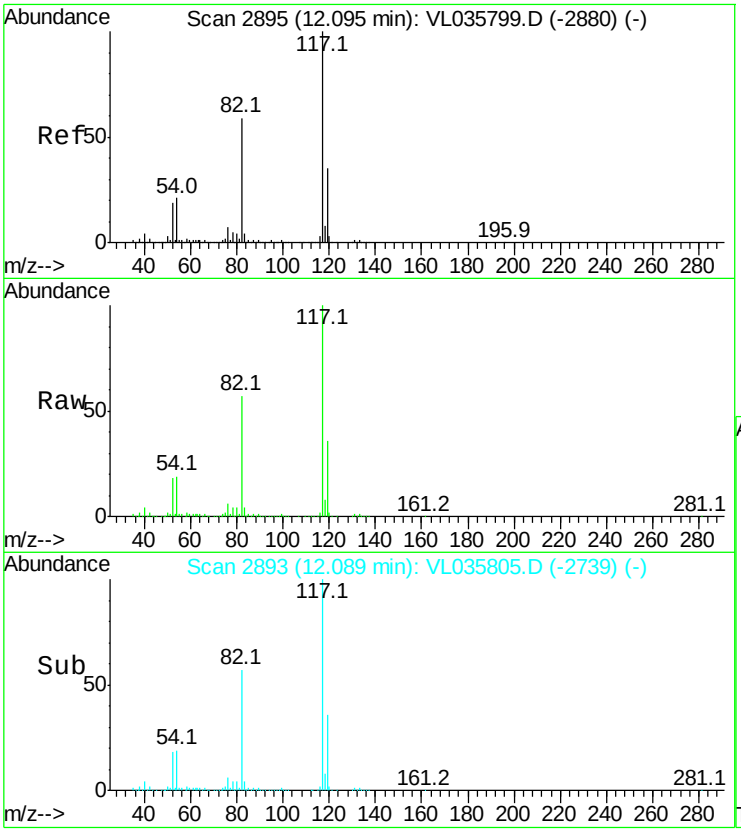


#54
1,2-Dibromoethane
Concen: 13.413 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:107 Resp: 3856592

Ion	Ratio	Lower	Upper
107	100		
109	95.6	77.2	115.8



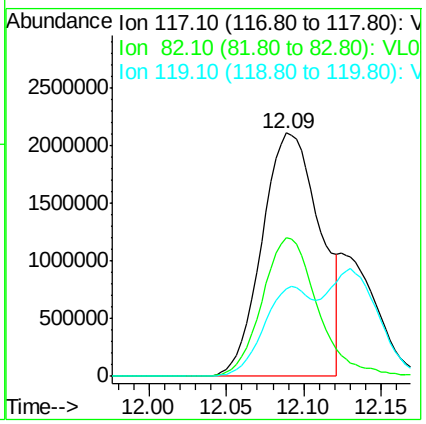


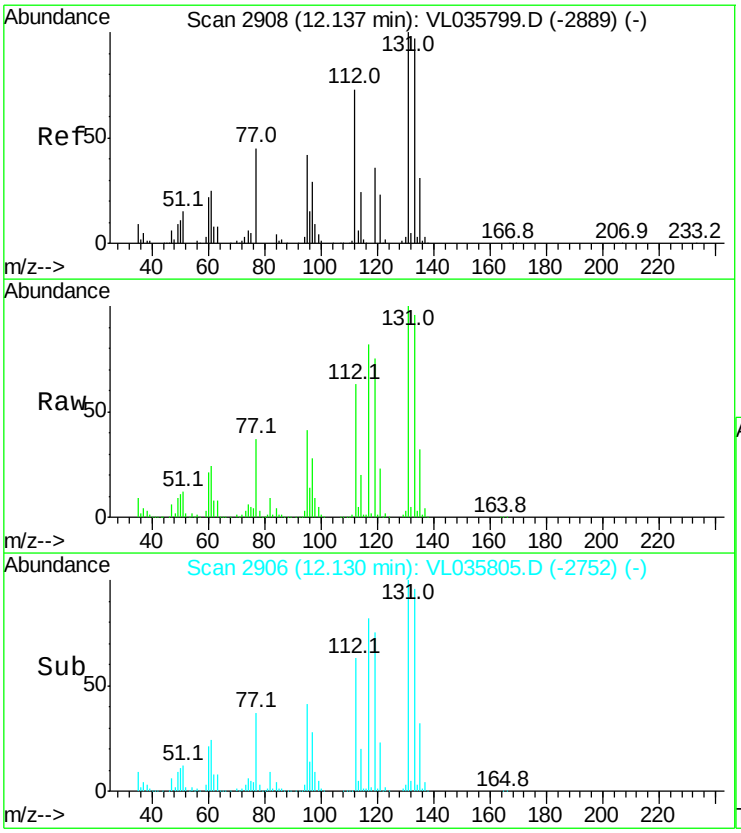
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 5489098

Ion	Ratio	Lower	Upper
117	100		
82	54.9	50.6	76.0
119	33.1	52.6	78.8#

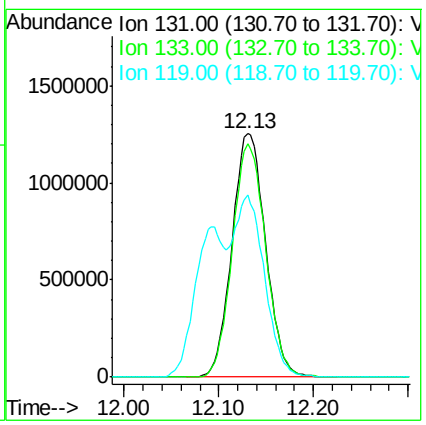


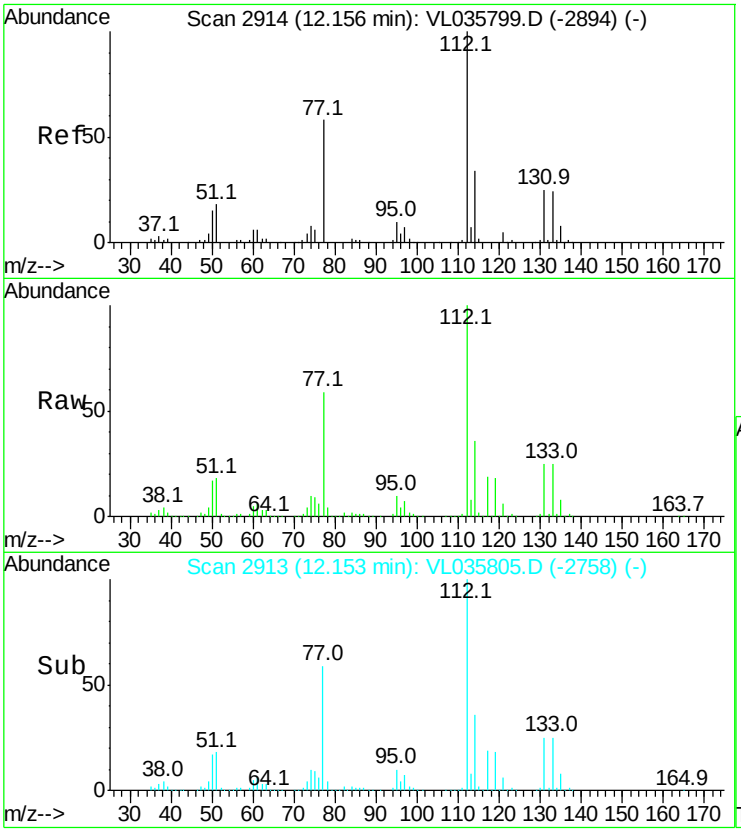


#56
1,1,1,2-Tetrachloroethane
Concen: 13.440 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:131 Resp: 3093323

Ion	Ratio	Lower	Upper
131	100		
133	95.5	76.8	115.2
119	75.0	47.4	71.0#



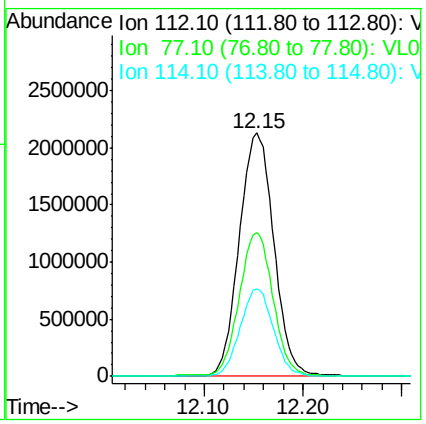


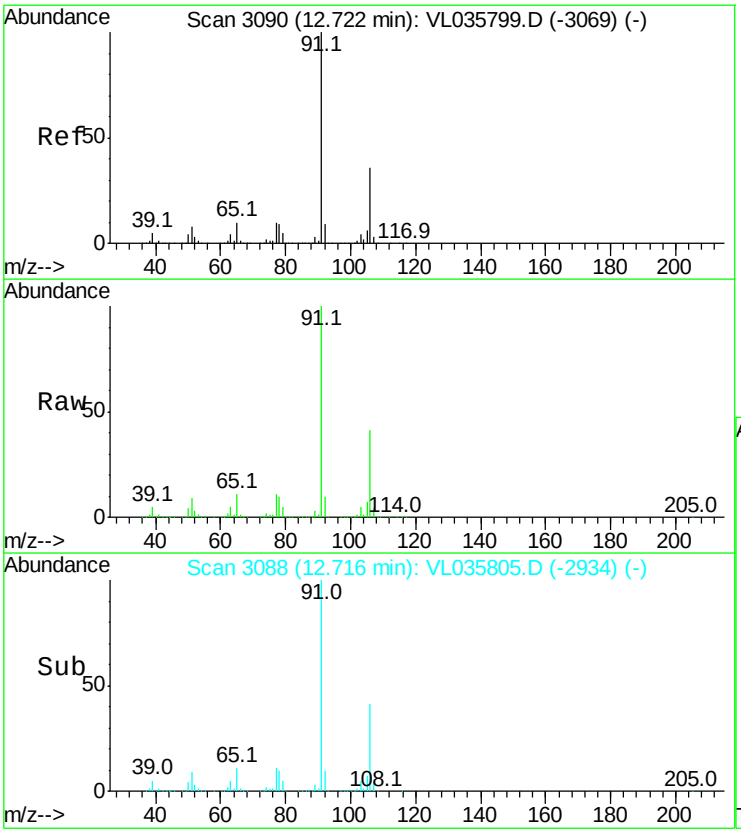
#57
Chlorobenzene
Concen: 12.467 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:112 Resp: 5168582

Ion	Ratio	Lower	Upper
112	100		
77	58.9	47.5	71.3
114	36.0	30.3	37.1

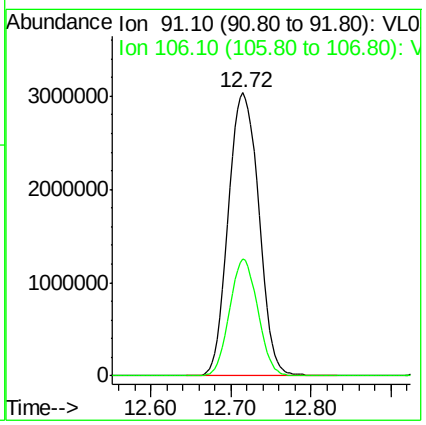


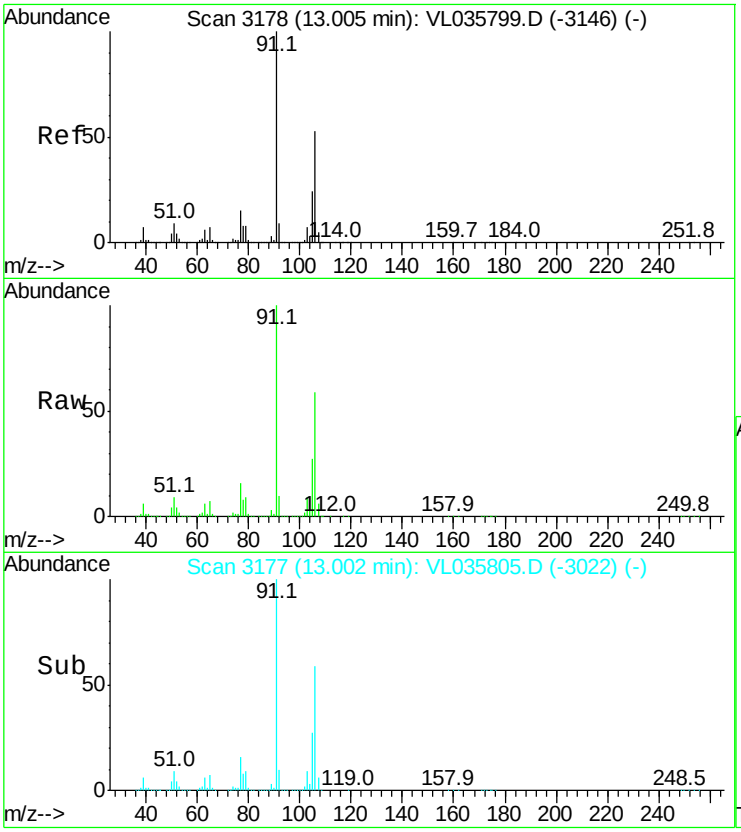


#58
Ethyl Benzene
Concen: 14.282 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 91 Resp: 7868699

Ion	Ratio	Lower	Upper
91	100		
106	41.5	28.6	43.0



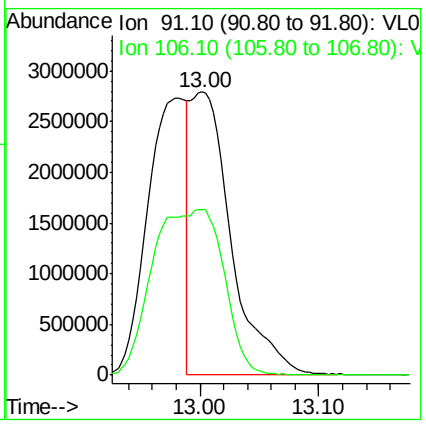


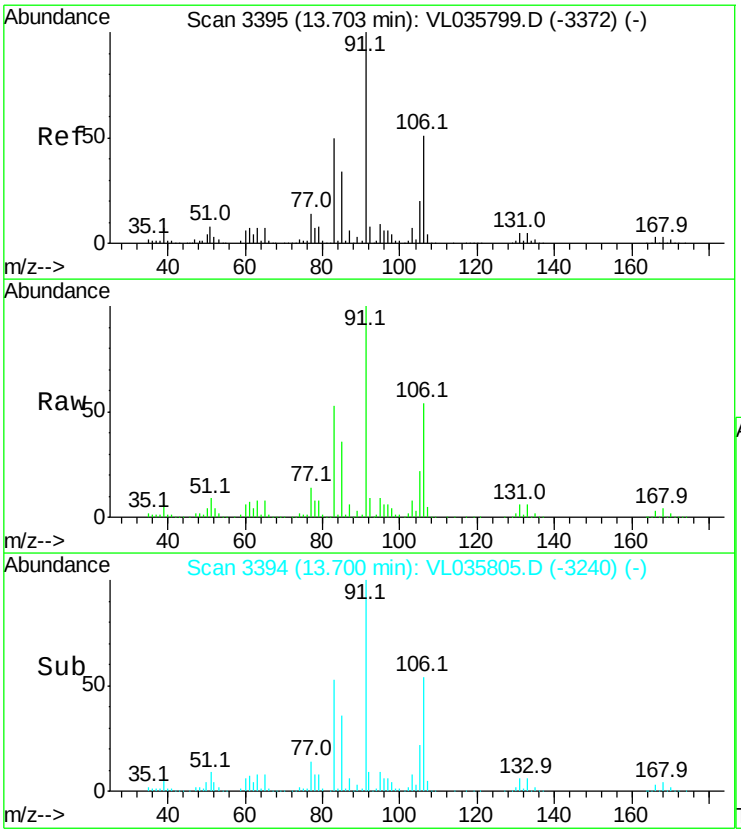
#59
m/p-Xylene
Concen: 13.751 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 6615996

Ion	Ratio	Lower	Upper
91	100		
106	102.7	39.5	59.3#

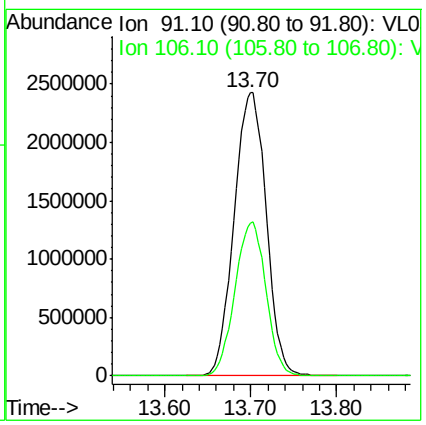


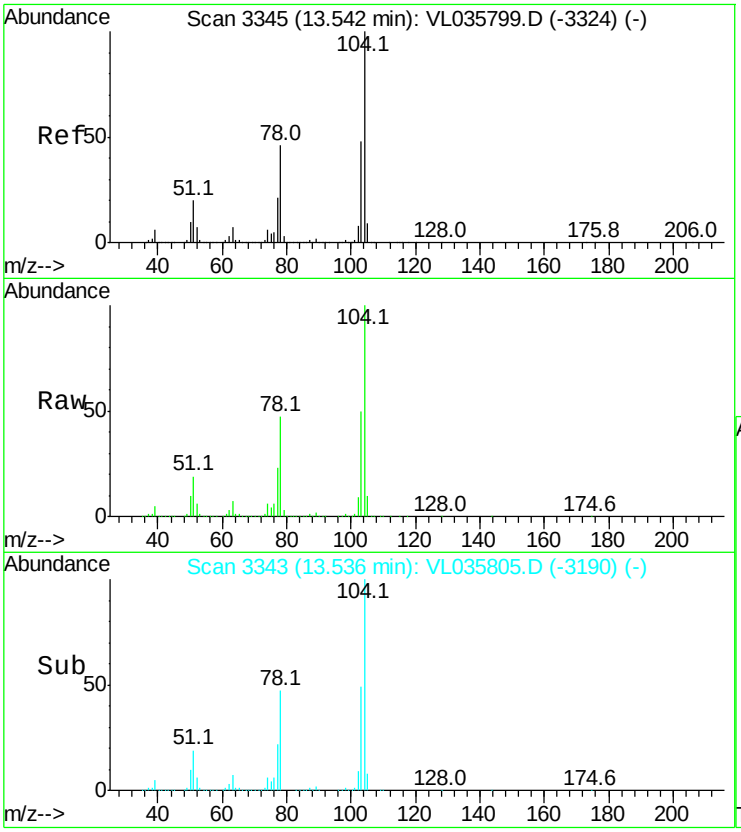


#60
o-Xylene
Concen: 12.929 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 91 Resp: 6292470

Ion	Ratio	Lower	Upper
91	100		
106	52.4	24.8	74.4



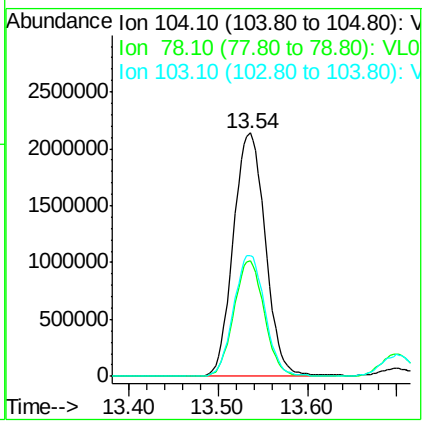


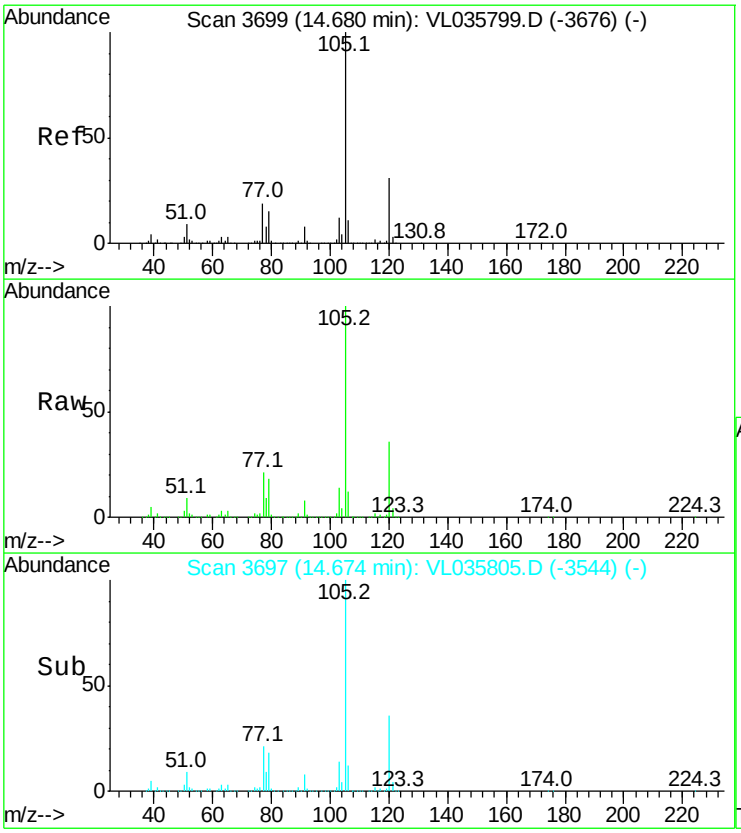
#61
Styrene
Concen: 15.900 ppbv
RT: 13.54 min Scan# 3343
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 5350925

Ion	Ratio	Lower	Upper
104	100		
78	45.1	37.1	55.7
103	48.6	37.9	56.9

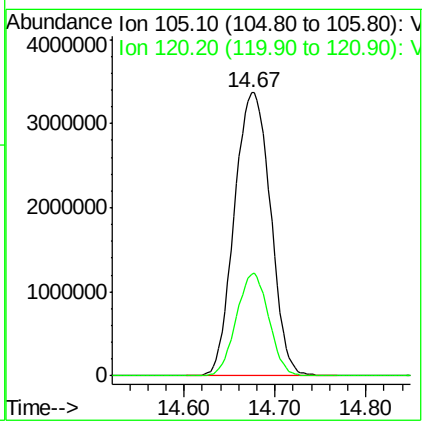


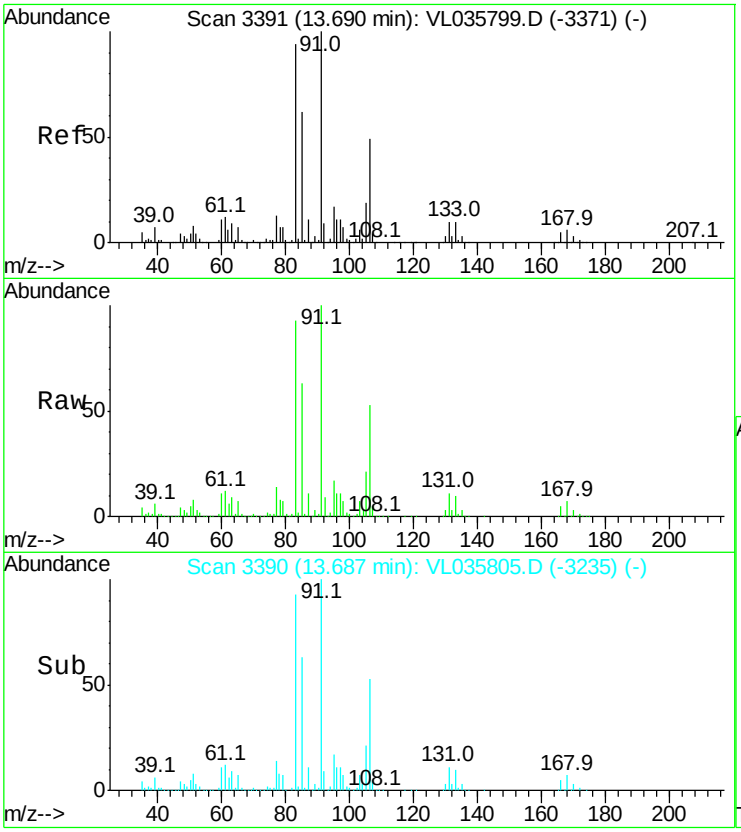


#62
Isopropylbenzene
Concen: 12.298 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:105 Resp: 9283843

Ion	Ratio	Lower	Upper
105	100		
120	32.7	23.5	35.3



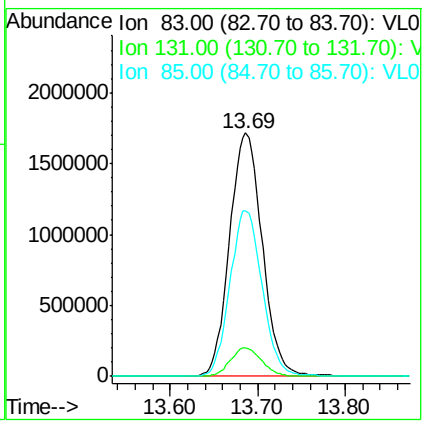


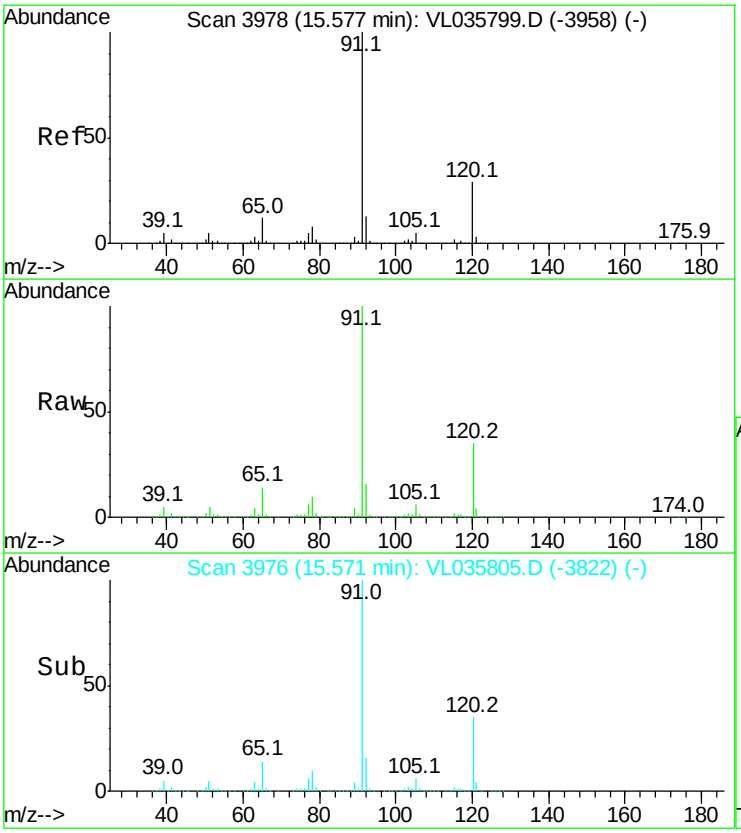
#63
1,1,2,2-Tetrachloroethane
Concen: 11.146 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 83 Resp: 4448193

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	67.7	33.5	100.4

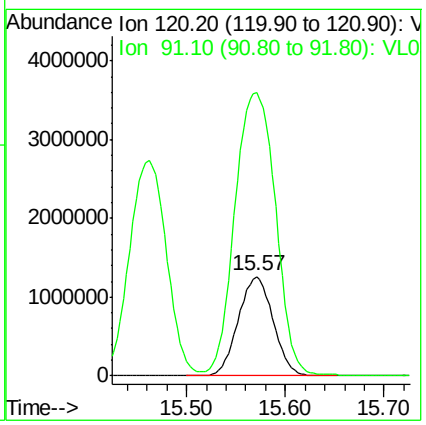


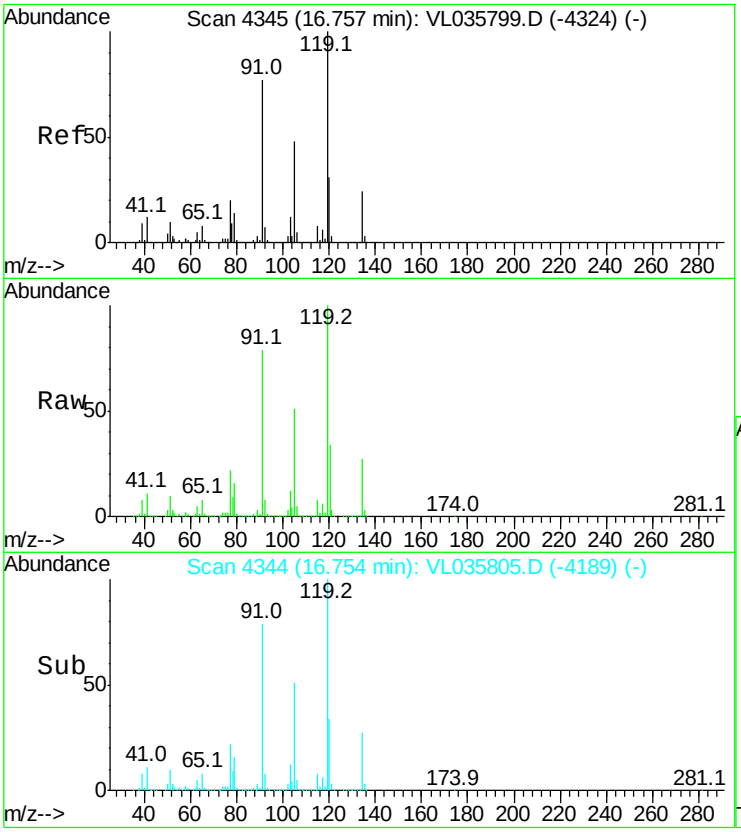


#64
n-propylbenzene
Concen: 13.927 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:120 Resp: 3076998

Ion	Ratio	Lower	Upper
120	100		
91	334.3	311.1	466.7



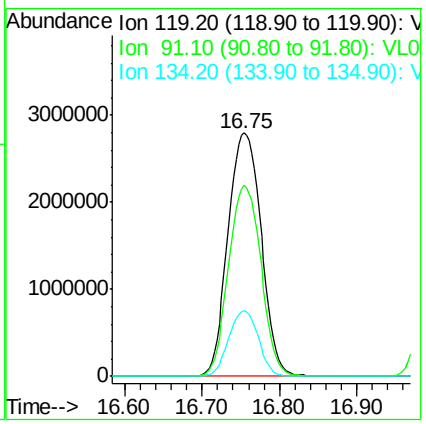


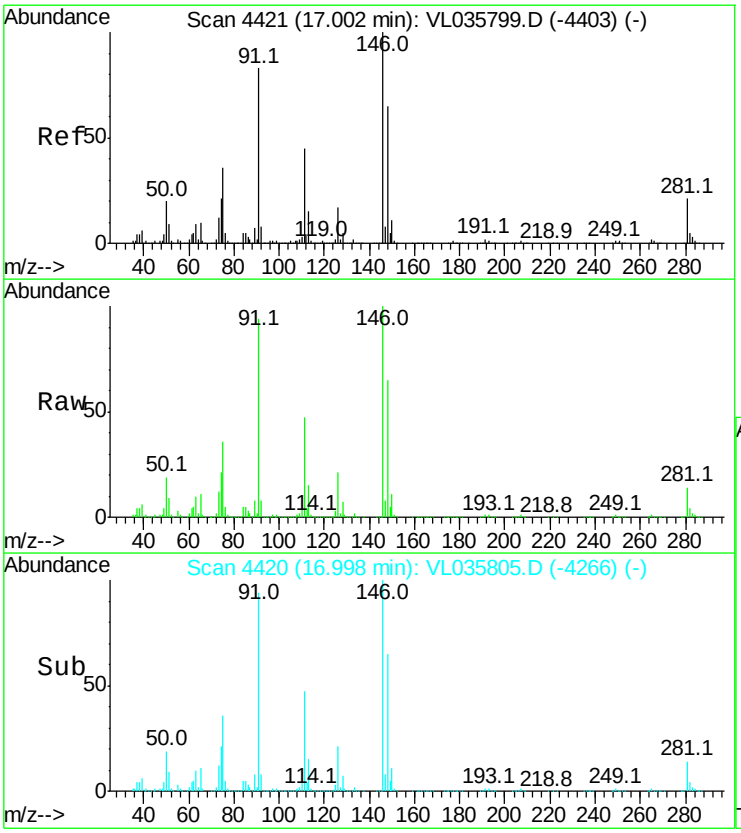
#65
tert-Butylbenzene
Concen: 12.180 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 8359817

Ion	Ratio	Lower	Upper
119	100		
91	76.5	62.0	93.0
134	24.1	17.8	26.8

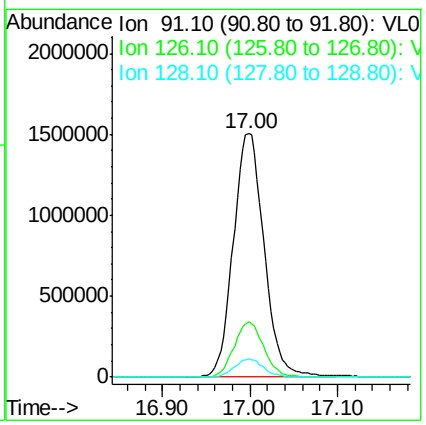


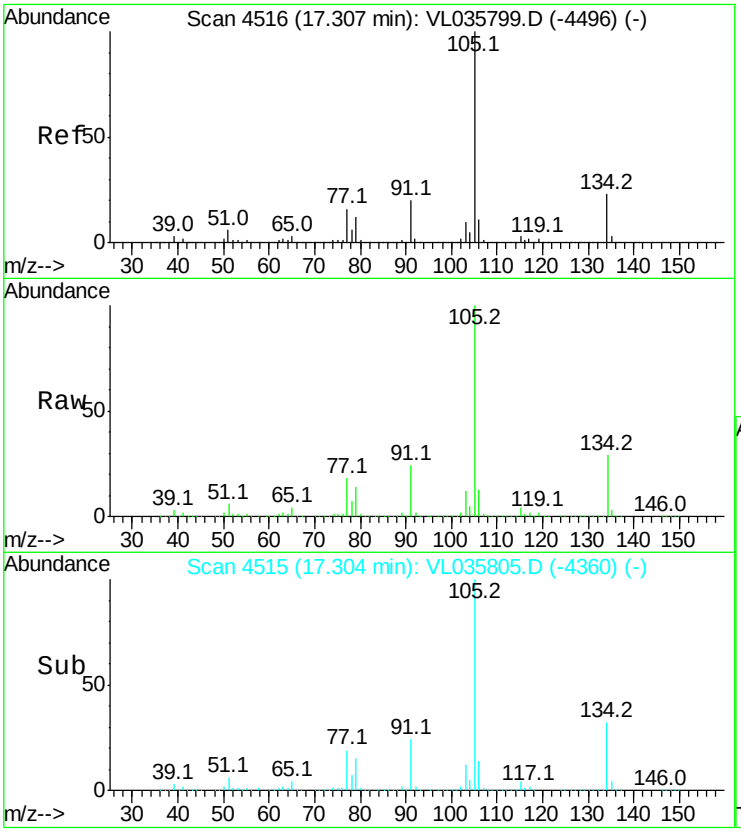


#66
Benzyl Chloride
Concen: 17.637 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 91 Resp: 3667603

Ion	Ratio	Lower	Upper
91	100		
126	22.1	16.0	24.0
128	7.1	5.0	7.4



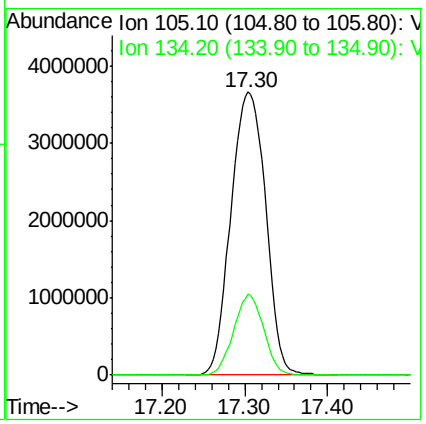


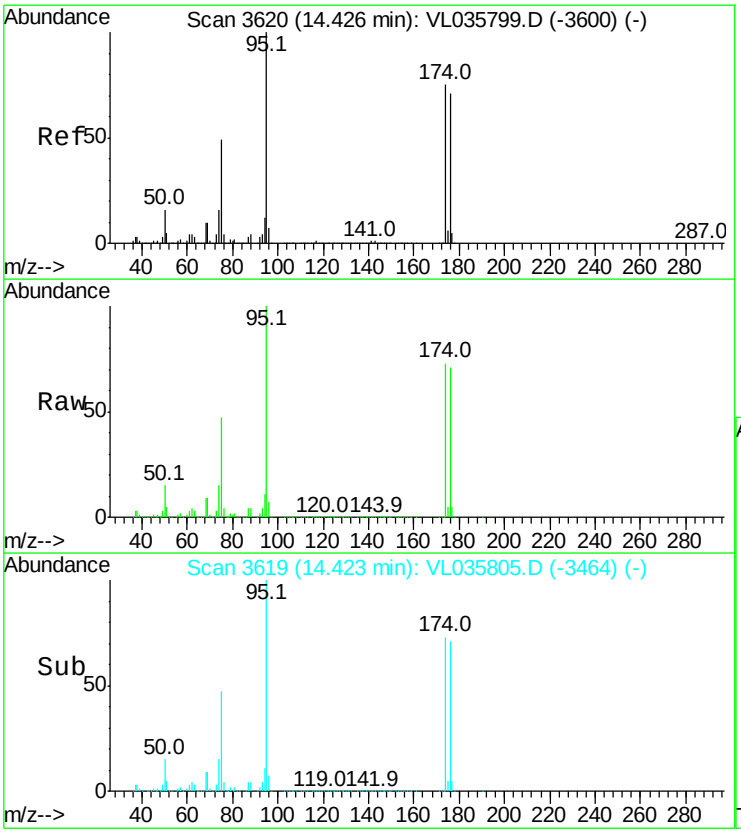
#67
sec-Butylbenzene
Concen: 11.239 ppbv
RT: 17.30 min Scan# 4515
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp:10651946

Ion	Ratio	Lower	Upper
105	100		
134	24.8	17.0	25.6

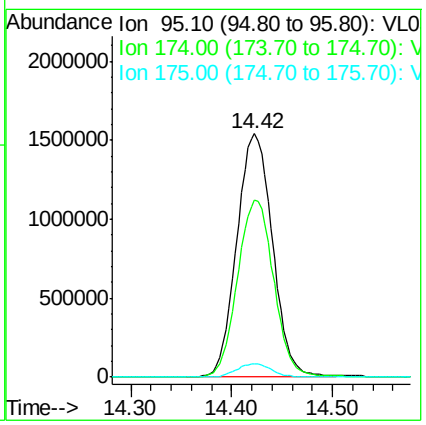


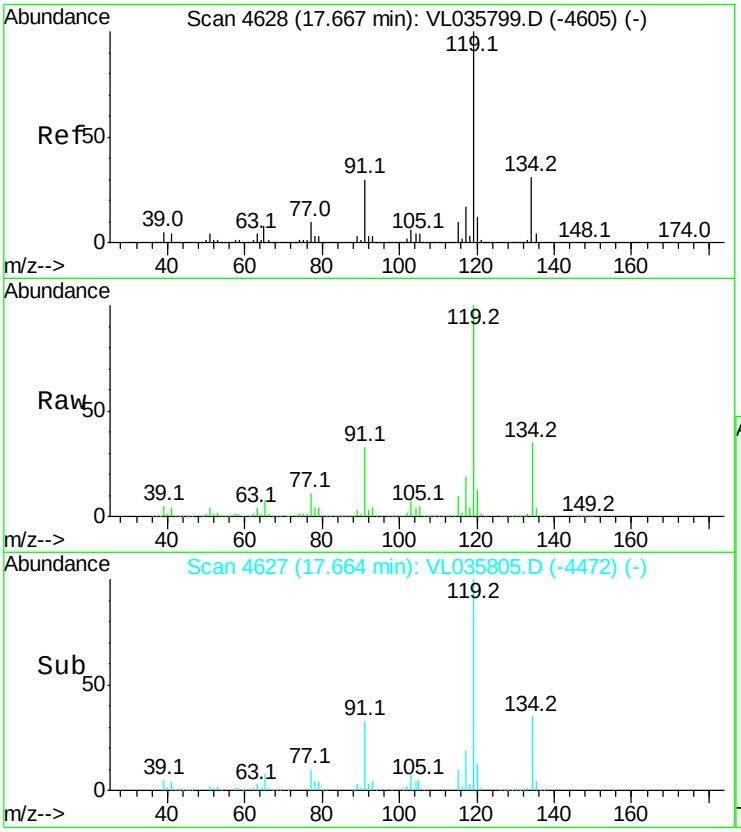


#68
1-Bromo-4-Fluorobenzene
Concen: 9.204 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 95 Resp: 3785639

Ion	Ratio	Lower	Upper
95	100		
174	74.4	59.8	89.6
175	5.4	4.3	6.5



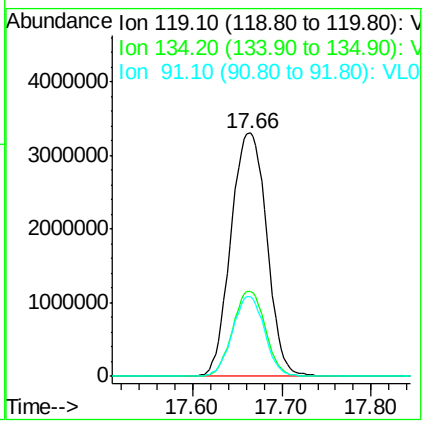


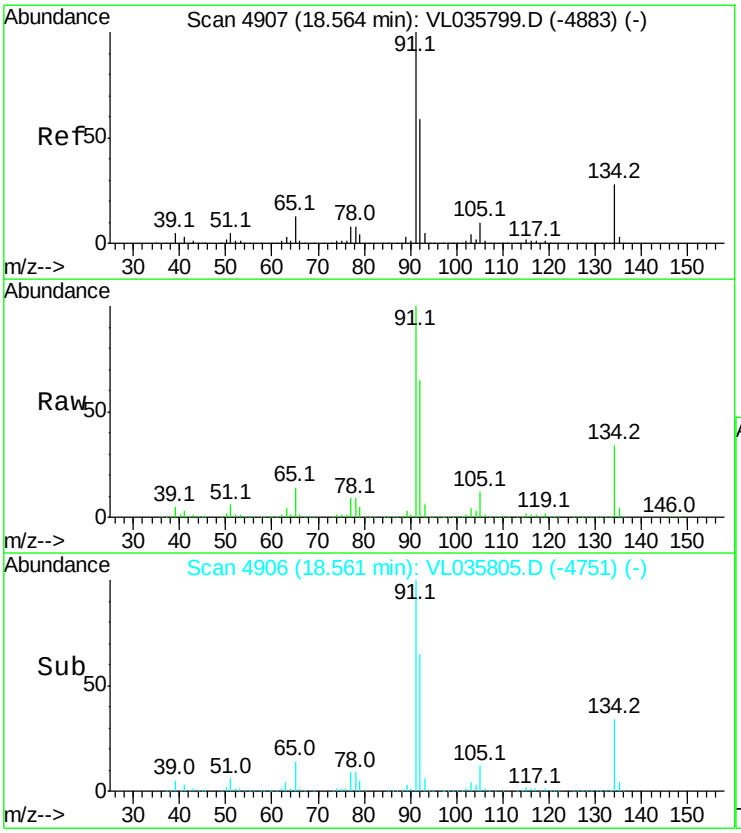
#69
p-Isopropyltoluene
Concen: 11.960 ppbv
RT: 17.66 min Scan# 4627
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 9222532

Ion	Ratio	Lower	Upper
119	100		
134	32.0	23.0	34.6
91	29.6	22.8	34.2

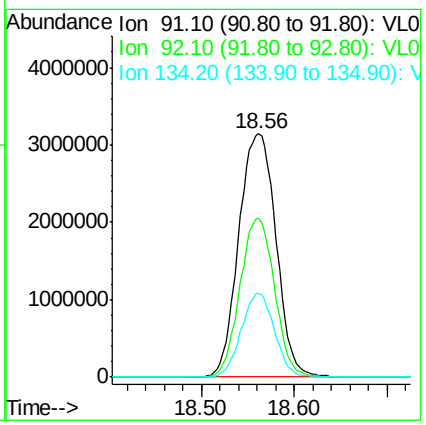


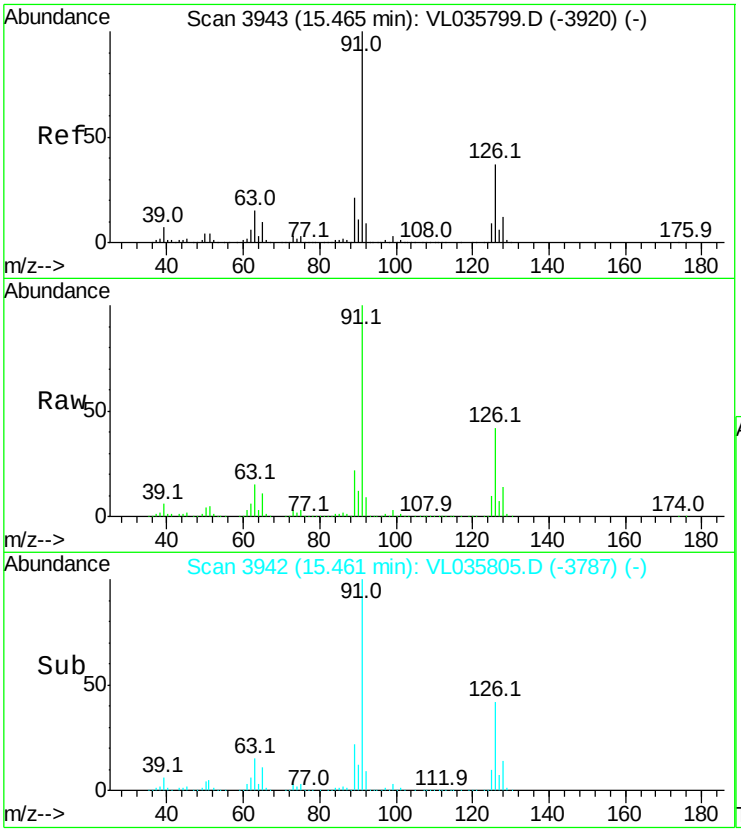


#70
n-Butylbenzene
Concen: 11.028 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion: 91 Resp: 8756489

Ion	Ratio	Lower	Upper
91	100		
92	61.0	45.7	68.5
134	30.9	21.0	31.4



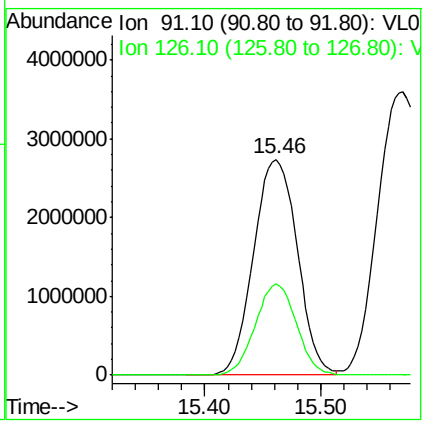


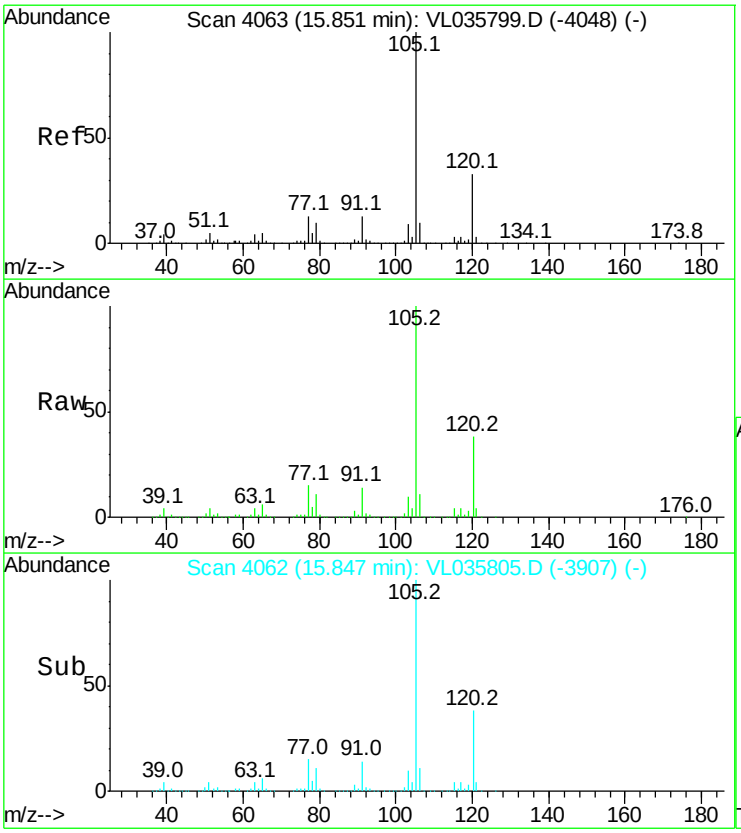
#71
2-Chlorotoluene
Concen: 13.079 ppbv
RT: 15.46 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 7201763

Ion	Ratio	Lower	Upper
91	100		
126	39.7	14.3	57.1

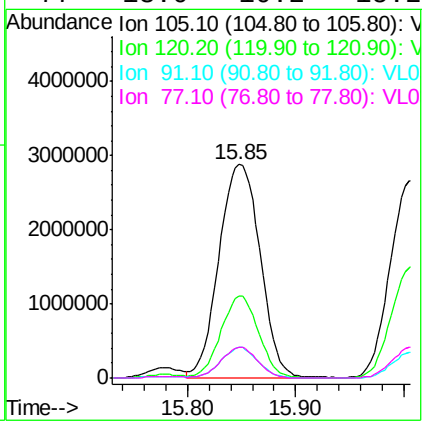


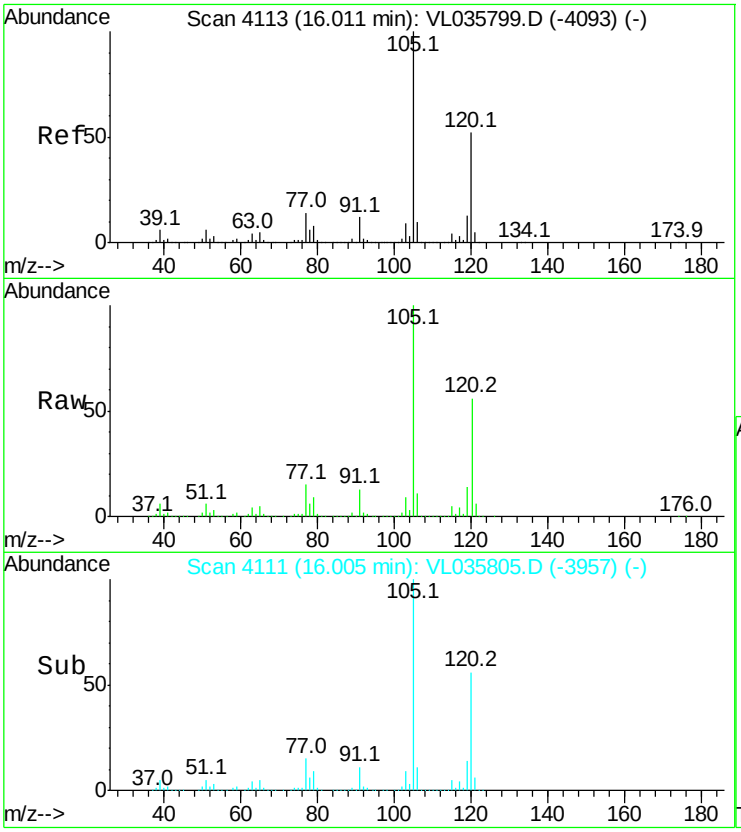


#72
4-Ethyltoluene
Concen: 13.242 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:105 Resp: 7634539

Ion	Ratio	Lower	Upper
105	100		
120	35.4	25.9	38.9
91	12.9	9.9	14.9
77	13.0	10.2	15.2



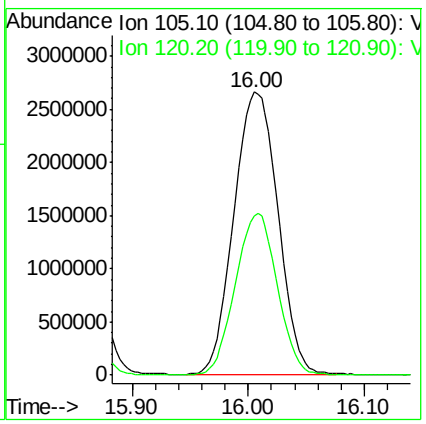


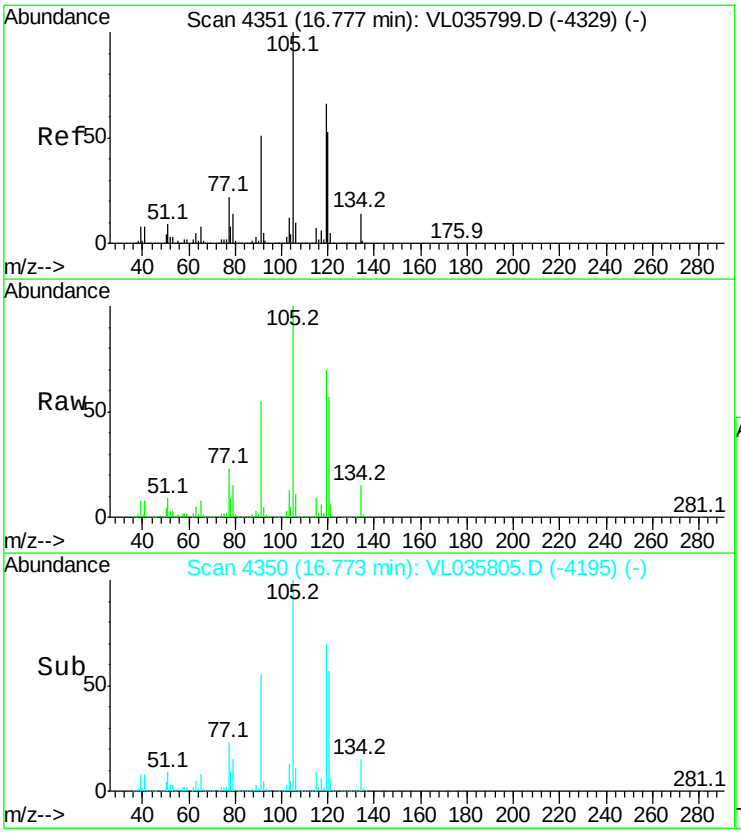
#73
1,3,5-Trimethylbenzene
Concen: 12.858 ppbv
RT: 16.00 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:105 Resp: 7005410

Ion	Ratio	Lower	Upper
105	100		
120	56.1	41.4	62.2

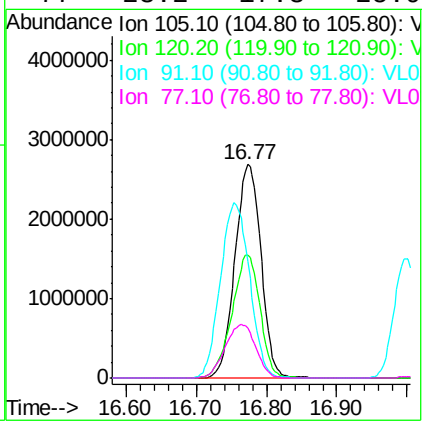


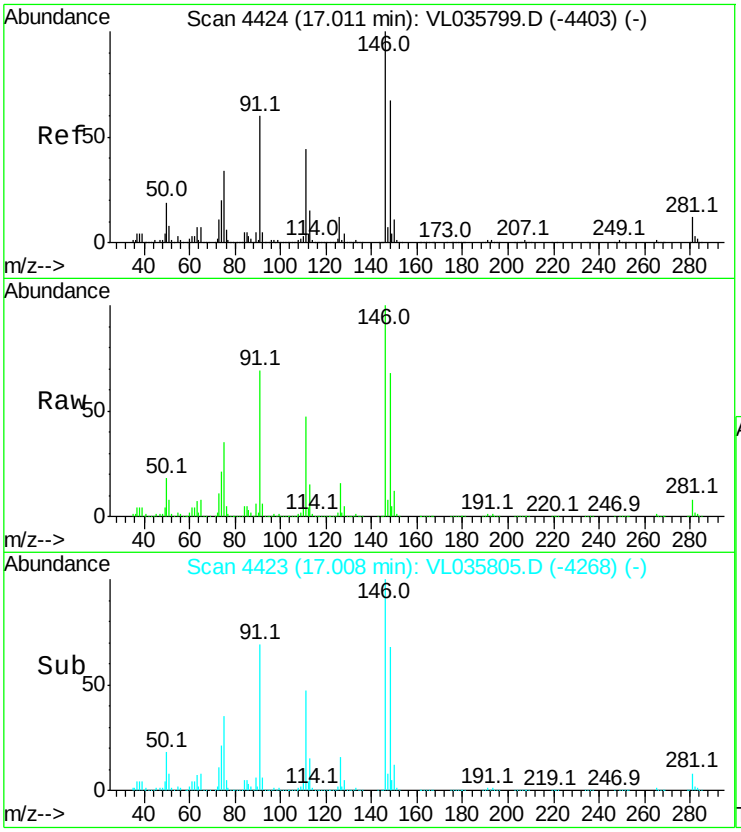


#74
1,2,4-Trimethylbenzene
Concen: 11.290 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:105 Resp: 6934183

Ion	Ratio	Lower	Upper
105	100		
120	57.5	42.0	63.0
91	54.5	41.0	61.6
77	23.2	17.3	25.9



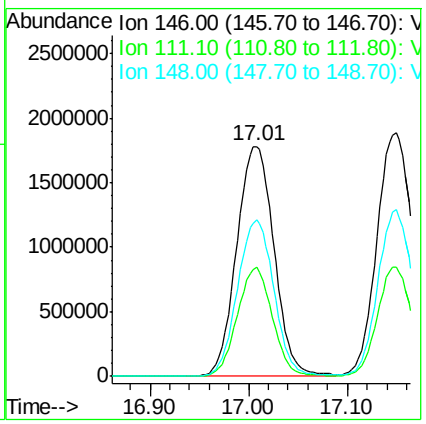


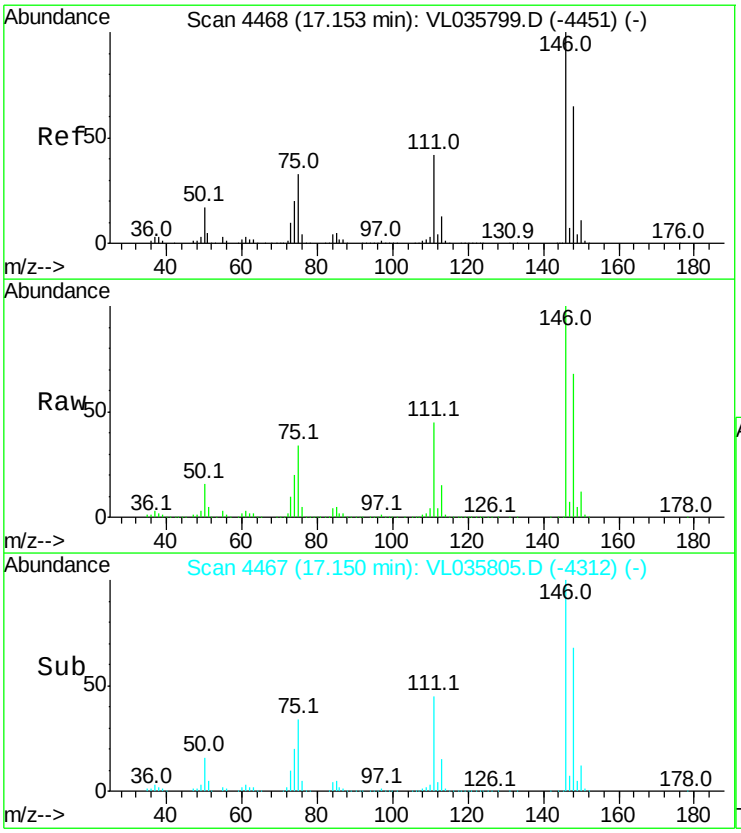
#75
1,3-Dichlorobenzene
Concen: 11.160 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 4679647

Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.8	65.4
148	66.3	32.5	97.5

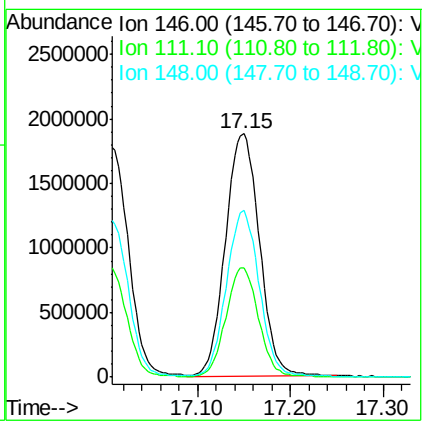


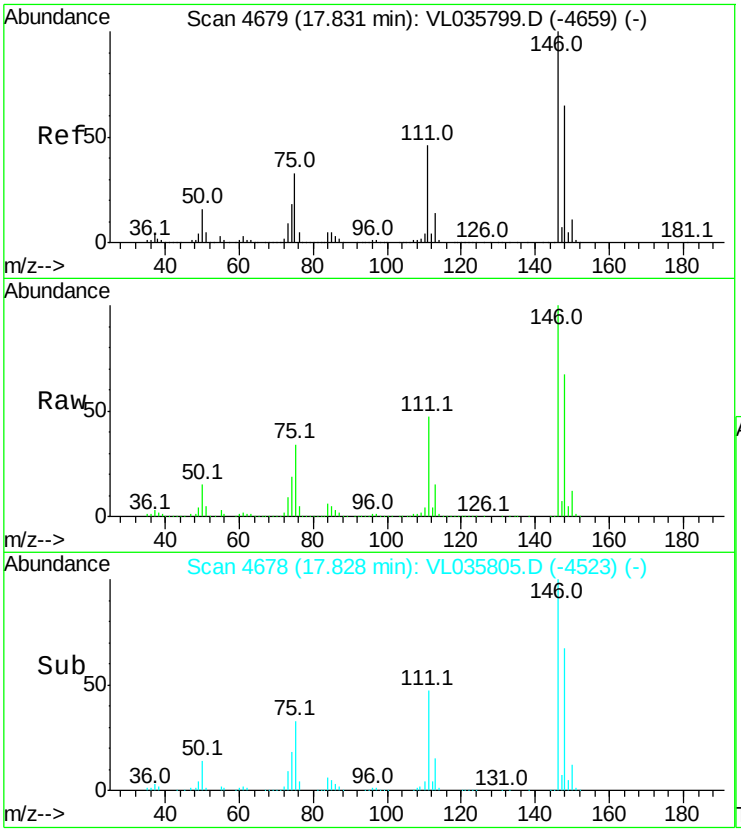


#76
1,4-Dichlorobenzene
Concen: 11.946 ppbv
RT: 17.15 min Scan# 4467
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:146 Resp: 4788048

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	66.8	33.0	99.0



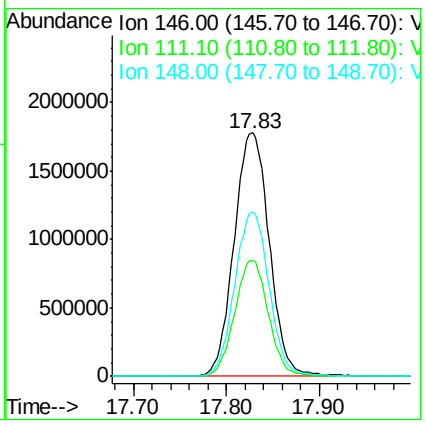


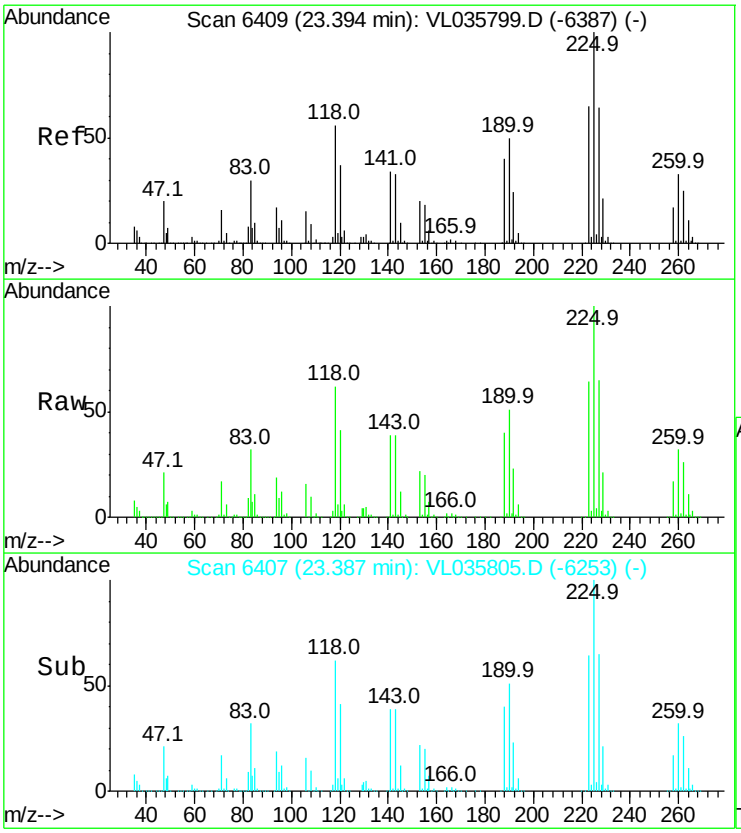
#77
1,2-Dichlorobenzene
Concen: 11.777 ppbv
RT: 17.83 min Scan# 4678
Delta R.T. -0.00 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 4664271

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.0
148	66.3	32.5	97.5

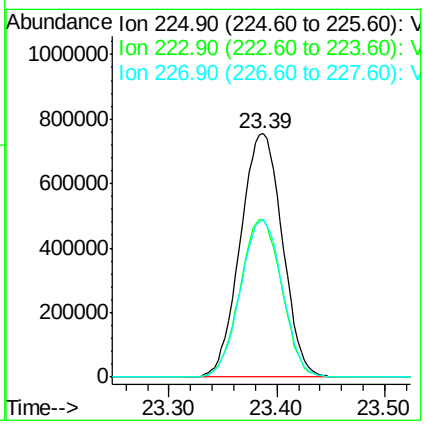


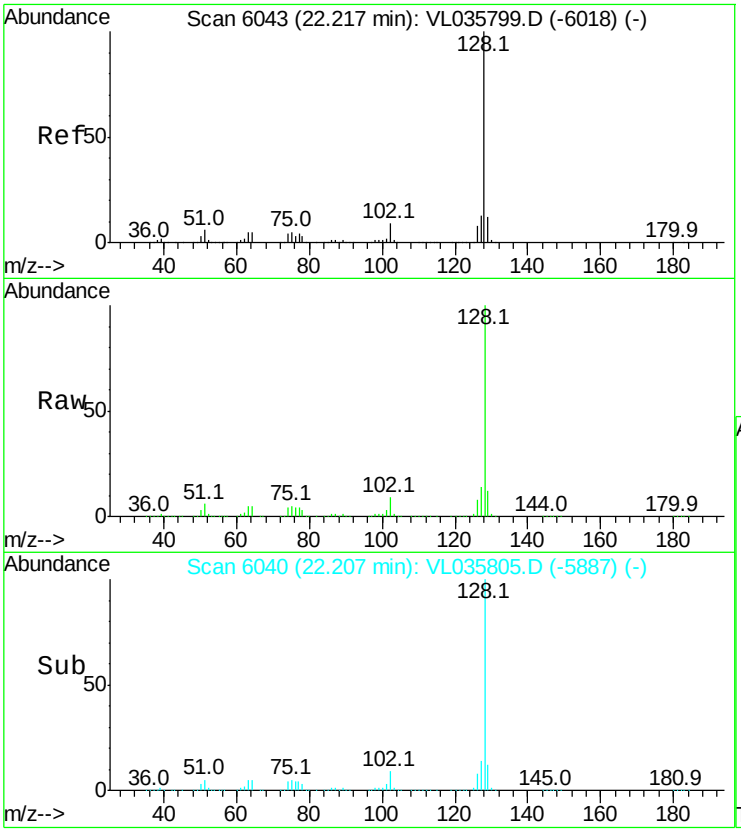


#78
Hexachloro-1,3-Butadiene
Concen: 9.367 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:225 Resp: 2046752

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.2	51.2	76.8



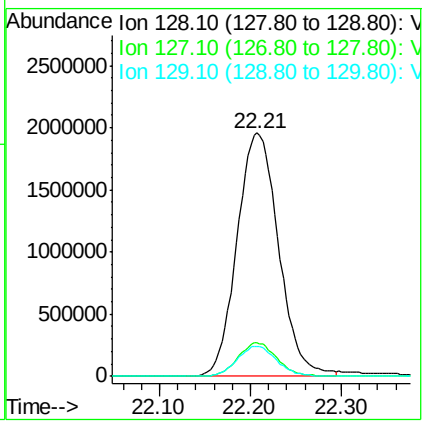


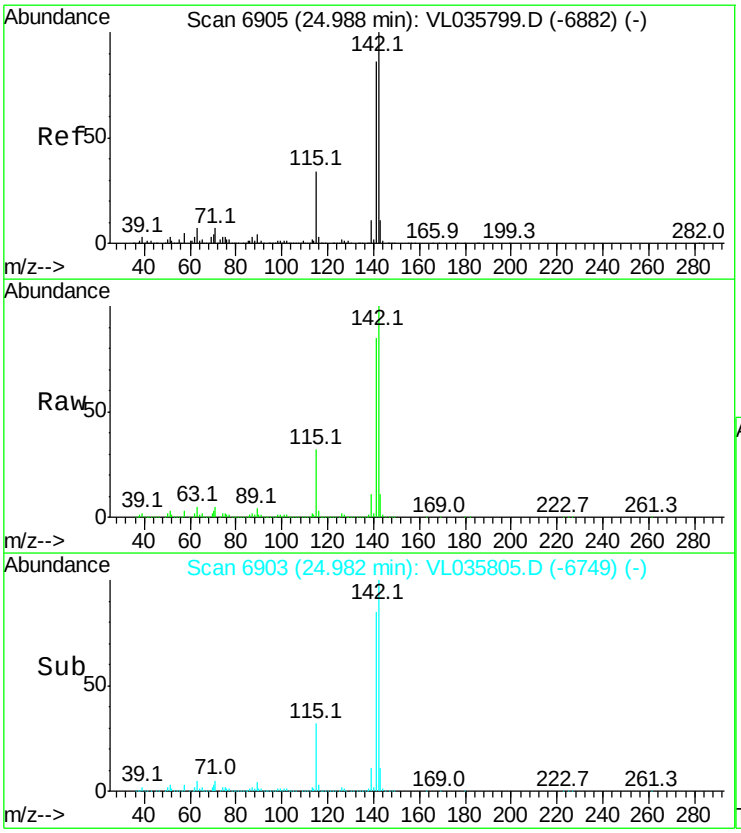
#79
Naphthalene
Concen: 10.601 ppbv
RT: 22.21 min Scan# 6040
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 6210217

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	12.3	9.2	13.8

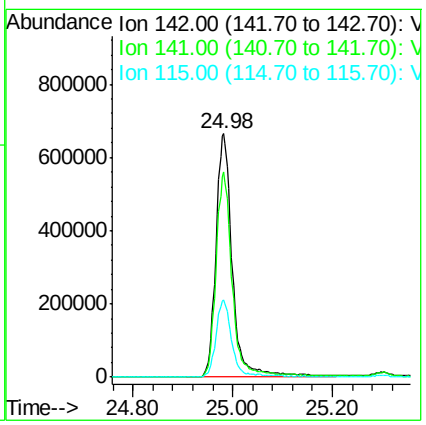


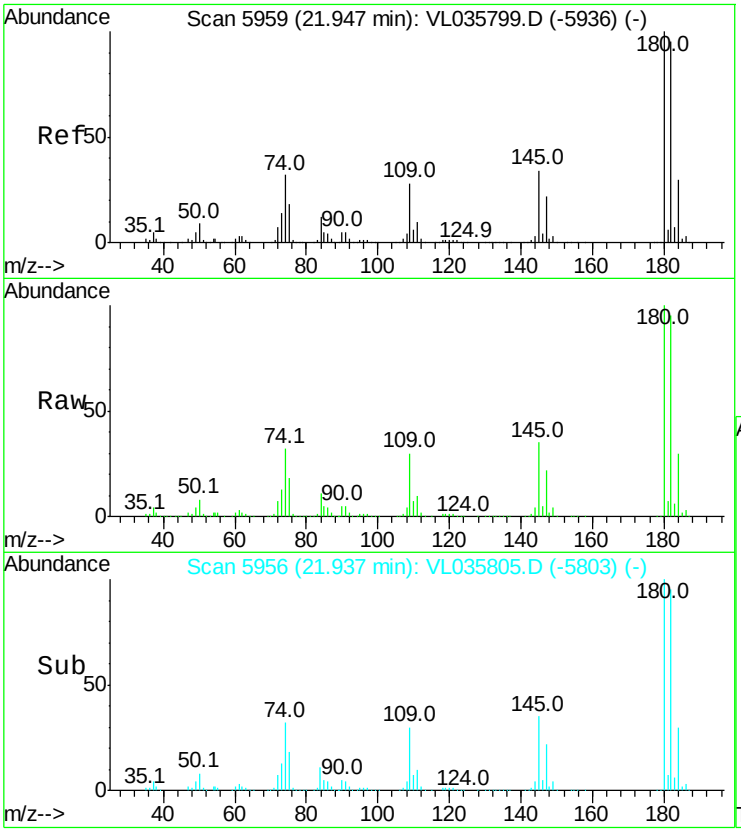


#80
Naphthalene,2-methyl-
Concen: 11.067 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Tgt Ion:142 Resp: 1529226

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.8	101.8
115	30.7	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 10.658 ppbv
RT: 21.94 min Scan# 5956
Delta R.T. -0.01 min
Lab File: VL035805.D
Acq: 3 Nov 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 3235638

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.2	115.8
184	31.4	24.7	37.1