Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

Quantitation Report (Not Reviewed)

Data File : VL033278.D
Acq On : 12 Mar 2019 6:11
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 12 06:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	900154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2021945	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2443680	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	1673084	8.55	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 85.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	2246986	12.035	ppbv	99
3) Chlorodifluoromethane	3.01	51	1477395	13.017	ppbv	99
4) Chloromethane	3.17	50	800129	13.416	ppbv	97
5) Vinyl Chloride	3.29	62	787423	13.642	ppbv	98
6) Bromomethane	3.52	94	479650	13.111	ppbv	93
7) Chloroethane	3.60	64	285344	13.361	ppbv	99
8) Dichlorotetrafluoroethane	3.22	85	1885622	12.772	ppbv	100
9) Propene	3.04	41	667419	13.241	ppbv	100
10) Heptane	8.25	43	1729773	14.471	ppbv	100
11) Trichlorofluoromethane	4.00	101	2117809	13.546	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1409110	14.337	ppbv	100
13) Ethanol	3.65	45	149898	10.654	ppbv	99
14) Bromoethene	3.79	108	616625	15.240	ppbv	99
15) Acetone	3.90	43	1419255	12.668	ppbv	98
16) 1,3-Butadiene	3.36	39	695008	14.379	ppbv	93
17) tert-Butyl alcohol	4.36	59	263527	14.982	ppbv	100
18) 1,1-Dichloroethene	4.35	96	637363	14.799	ppbv	96
19) Isopropyl Alcohol	4.02	45	962986	14.329	ppbv	100
20) Methylene Chloride	4.41	84	555512	12.558	ppbv	95
21) Allyl Chloride	4.48	41	1000356	15.438	ppbv	99
22) trans-1,2-Dichloroethene	4.97	96	685563	14.931	ppbv	97
23) Vinyl Acetate	5.16	43	2434644	15.675	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1636657	13.891	ppbv	100
25) Ethyl Acetate	5.77	43	2885813	14.071	ppbv	100
26) Hexane	5.78	57	1293622	13.382	ppbv	99
27) Carbon Disulfide	4.62	76	1647933	16.840	ppbv	99
28) Methyl tert-Butyl Ether	5.11	73	1896429	14.878	ppbv	100
29) Chloroform	5.85	83	2110876	14.356	ppbv	98
30) Cyclohexane	7.25	84	1081155	14.885	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	1376907	15.076	ppbv	99
32) 1,1,1-Trichloroethane	6.62	97	2085514	15.043	ppbv	100
34) 2-Butanone	5.33	43	1906596	15.209	ppbv	100
35) Carbon Tetrachloride	7.14	117	2207093	15.937	ppbv	99
36) Benzene	7.01	78	2688077	15.039	ppbv	98
37) 1,2-Dichloroethane	6.42	62	1653548	14.485	ppbv	100
38) Trichloroethene	7.97	130	989279	14.629	ppbv	97
39) 1,2-Dichloropropane	7.74	63	1020633	14.926	ppbv	99
40) 1,4-Dioxane	7.96	88	396291	15.807	ppbv	76
41) Tetrahydrofuran	6.15	42	1102465	15.542	ppbv	100
42) Bromodichloromethane	7.92	83	2327749	15.286	ppbv	98
43) Methyl Methacrylate	8.14	69	1123053	16.087	ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

Quantitation Report (Not Reviewed)

Data File : VL033278.D
Acq On : 12 Mar 2019 6:11
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 12 06:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.00	57	4442460	14.412	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	1544064	18.241	ppbv		98
46) cis-1,3-Dichloropropene	8.84	75	1694418	16.988	ppbv		99
47) 1,1,2-Trichloroethane	9.62	97	1112653	15.156	ppbv		97
48) Dibromochloromethane	10.46	129	1941234	16.132	ppbv		100
49) Bromoform	13.21	173	1611245	14.922	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	2769885	14.995	ppbv		99
51) 2-Hexanone	10.27	43	2205212	16.012	ppbv	#	99
52) Tetrachloroethene	11.38	164	970559	14.855	ppbv		98
53) Toluene	9.95	91	3173515	15.891	ppbv		100
54) 1,2-Dibromoethane	10.77	107	1728004	15.011	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.29	131	1320266	12.925	ppbv	#	66
57) Chlorobenzene	12.31	112	2243616	12.483	ppbv		100
58) Ethyl Benzene	12.87	91	4302958	12.978	ppbv		97
59) m/p-Xylene	13.13	91	3607608	12.037	ppbv	#	32
60) o-Xylene	13.86	91	3390884	11.723	ppbv		100
61) Styrene	13.69	104	2569259	13.010	ppbv		100
62) Isopropylbenzene	14.83	105	4700908	12.178	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	2200781	11.804	ppbv		99
64) n-propylbenzene	15.73	120	1191843	12.603	ppbv		100
65) tert-Butylbenzene	16.92	119	4012747	12.348	ppbv		99
66) Benzyl Chloride	17.16	91	2149621	17.752	ppbv		99
67) sec-Butylbenzene	17.46	105	5757787	12.488	ppbv		100
69) p-Isopropyltoluene	17.82	119	4782183	12.763	ppbv		100
70) n-Butylbenzene	18.72	91	5166728	12.725	ppbv		99
71) 2-Chlorotoluene	15.62	91	3622273	12.557	ppbv		100
72) 4-Ethyltoluene	16.00	105	3883897	12.915	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	3659393	12.776	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	3704897	12.409	ppbv		99
75) 1,3-Dichlorobenzene	17.17	146	2146927	12.186	ppbv		99
76) 1,4-Dichlorobenzene	17.32	146	2187823	12.658	ppbv		100
77) 1,2-Dichlorobenzene	18.00	146	2137966	12.572	ppbv		99
78) Hexachloro-1,3-Butadiene	23.55	225	1593997	12.367	ppbv		99
79) Naphthalene	22.42	128	5610199	17.200	ppbv		99
80) Naphthalene,2-methyl-	25.12	142	2077764	26.329	ppbv		100
81) 1,2,4-Trichlorobenzene	22.14	180	2584443	15.334	ppbv		100

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

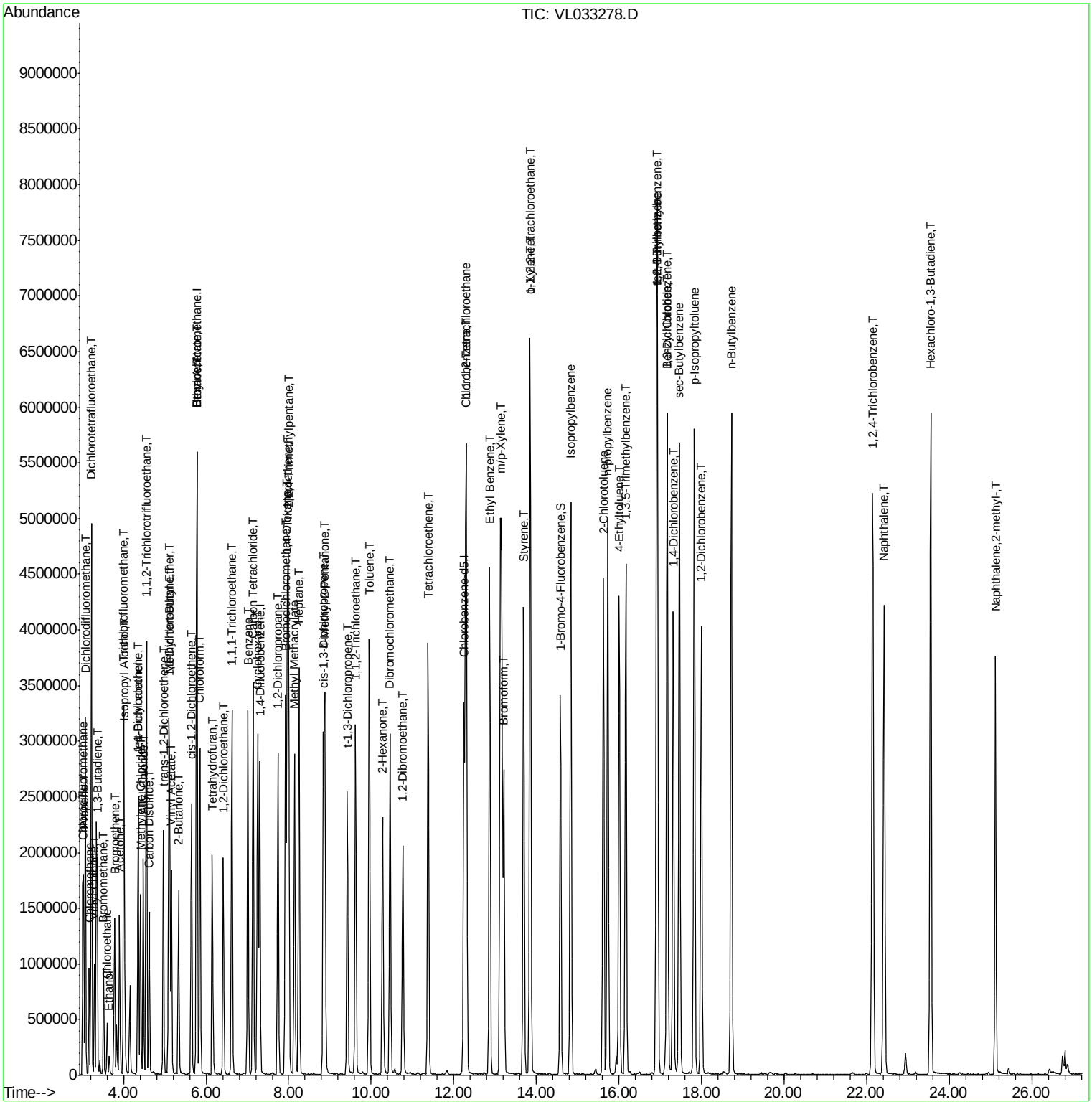
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

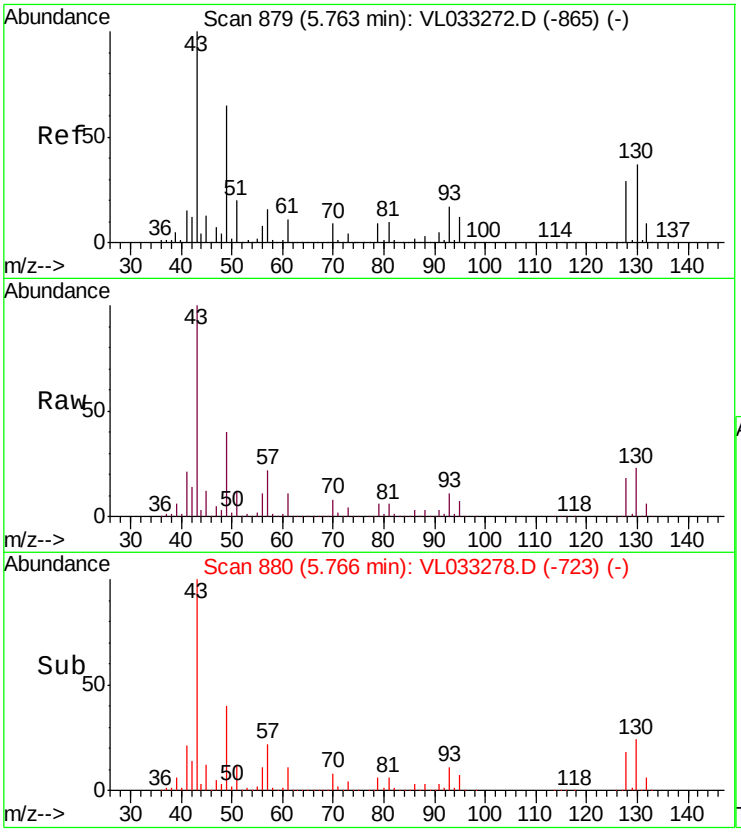
Quantitation Report (Not Reviewed)

Data File : VL033278.D
Acq On : 12 Mar 2019 6:11
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 12 06:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration



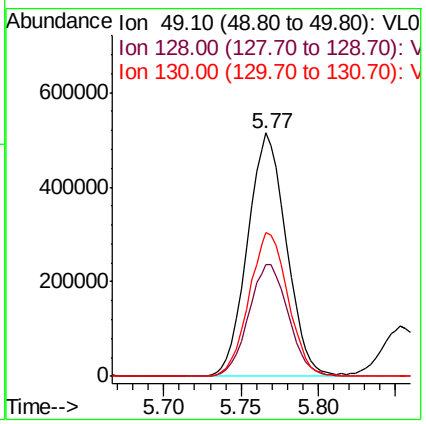


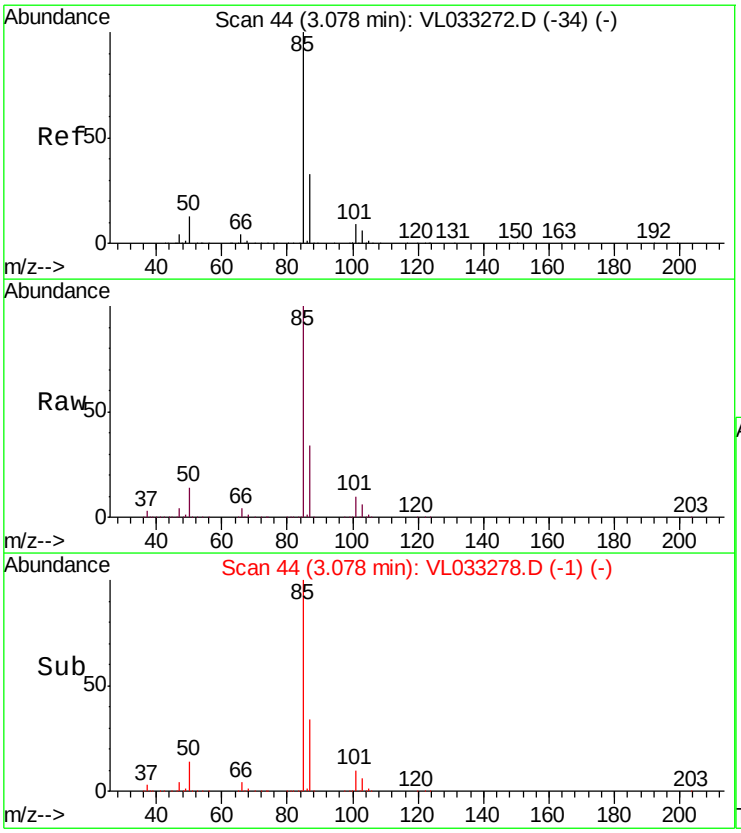
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 900154

Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.3	69.9
130	59.6	30.0	90.1

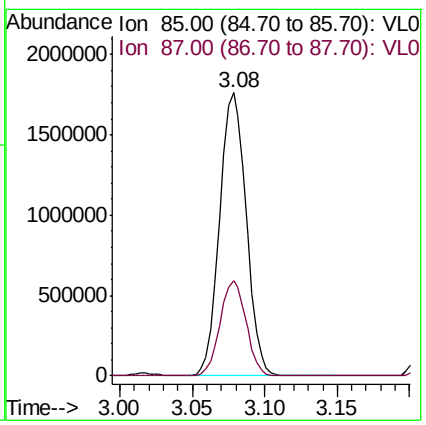


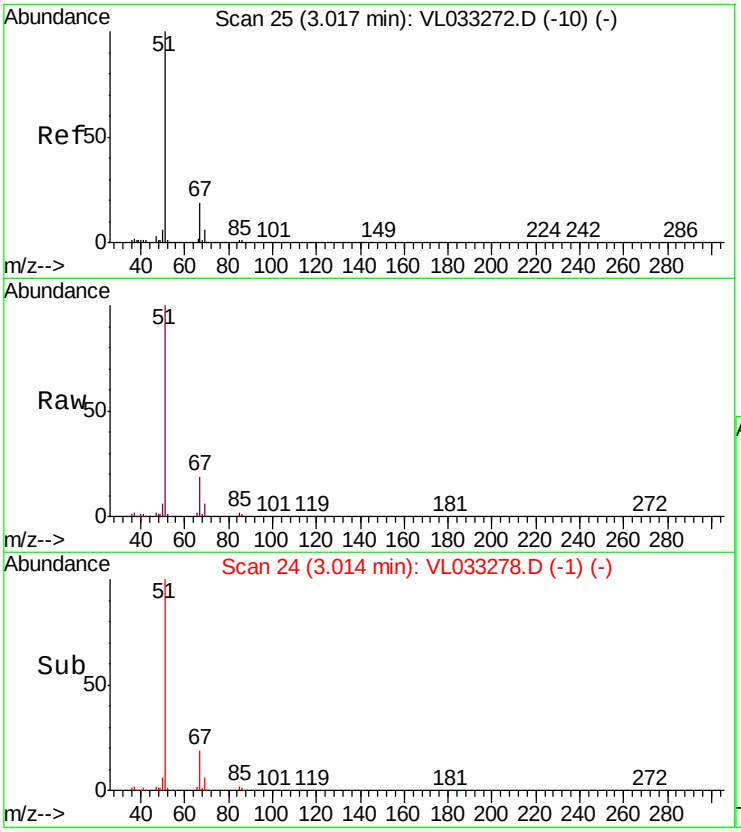


#2
Dichlorodifluoromethane
Concen: 12.035 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 85 Resp: 2246986

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.4	39.6



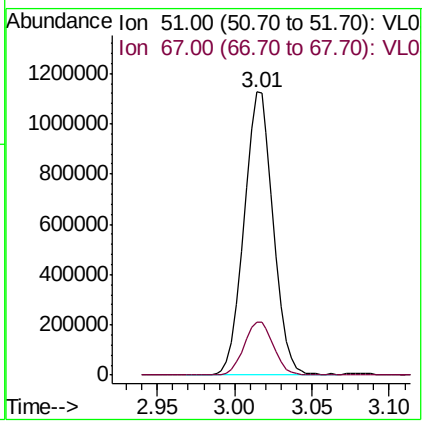


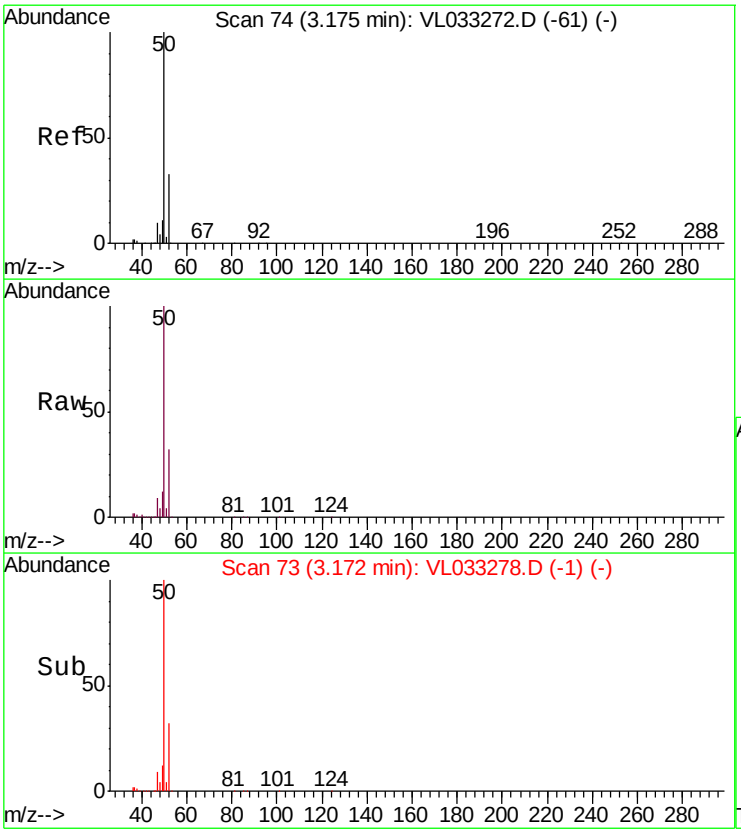
#3
Chlorodifluoromethane
Concen: 13.017 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 51 Resp: 1477395

Ion	Ratio	Lower	Upper
51	100		
67	19.1	15.0	22.4

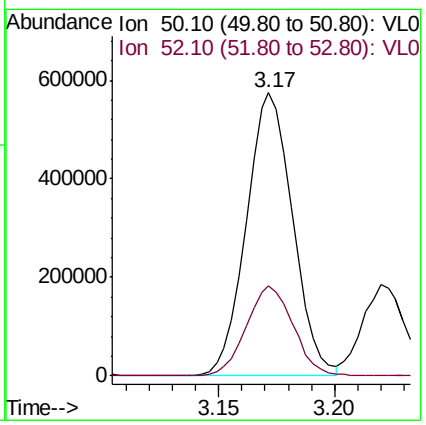


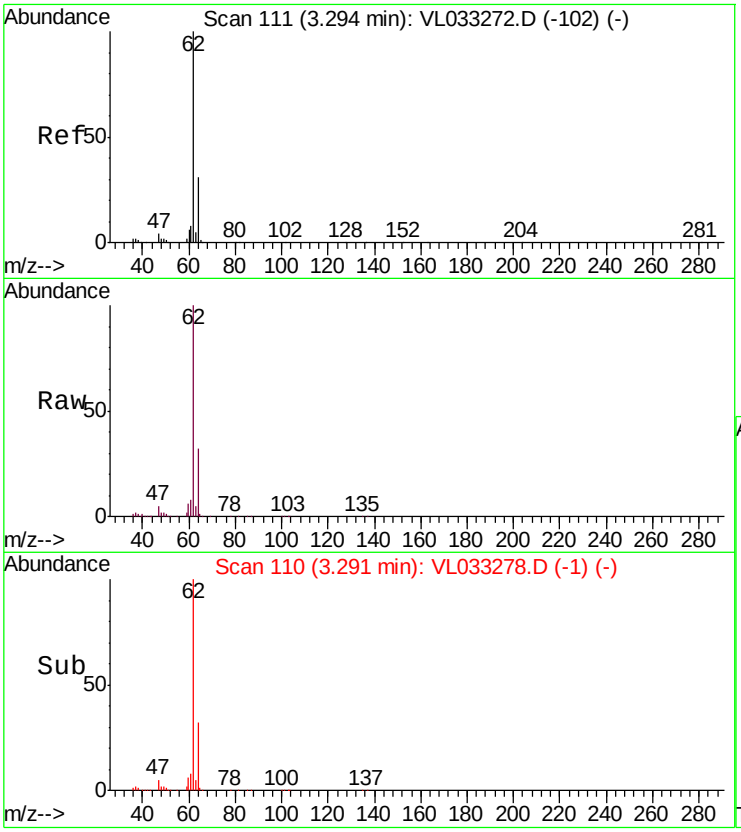


#4
Chloromethane
Concen: 13.416 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 50 Resp: 800129

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.6	39.8



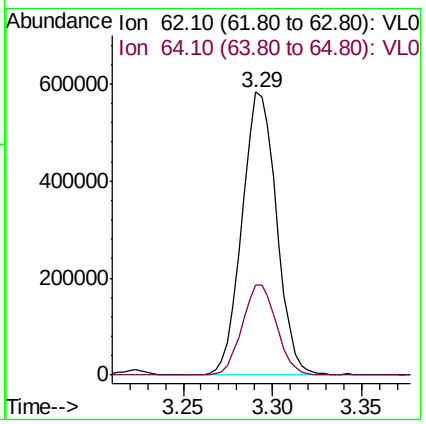


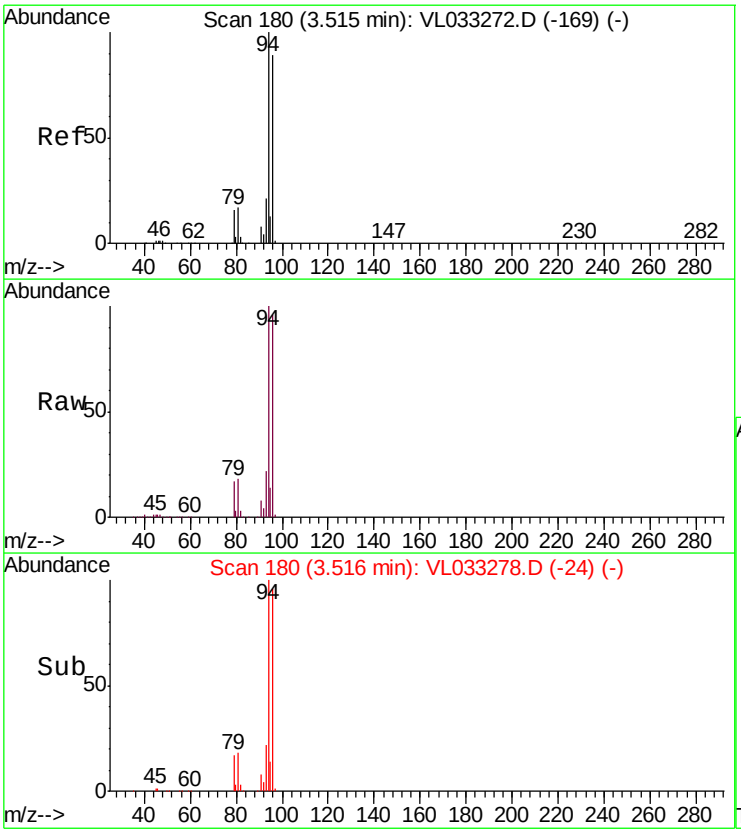
#5
Vinyl Chloride
Concen: 13.642 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 62 Resp: 787423

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.5	36.7

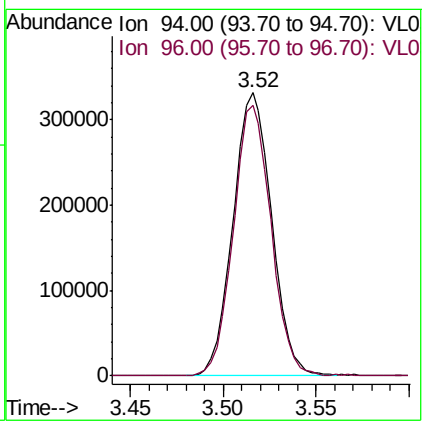


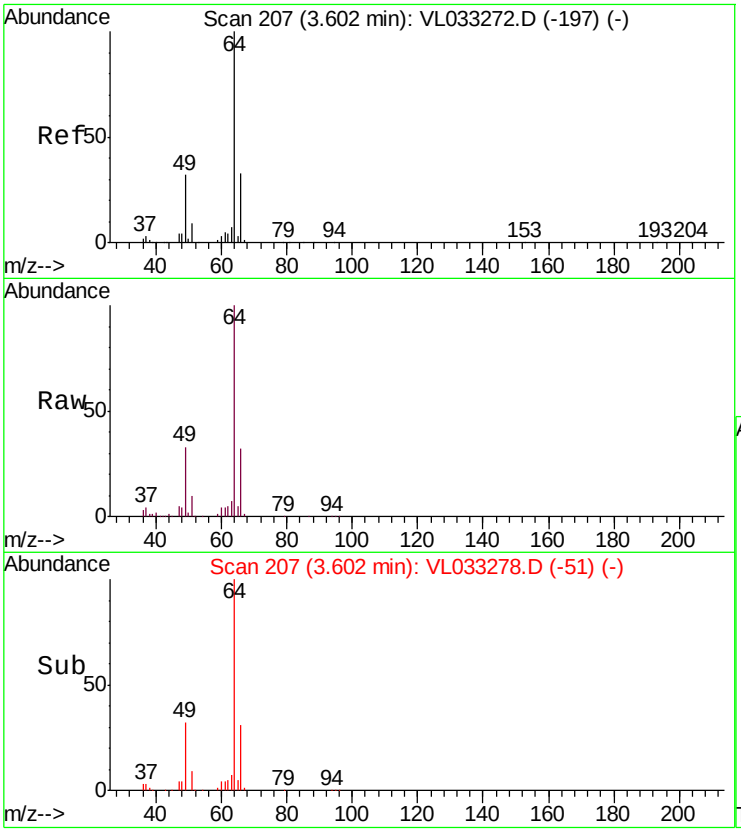


#6
Bromomethane
Concen: 13.111 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 94 Resp: 479650

Ion	Ratio	Lower	Upper
94	100		
96	95.6	71.3	106.9



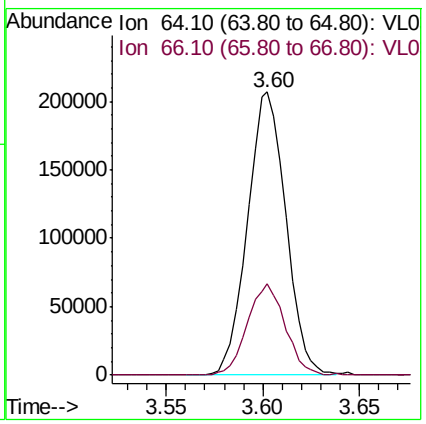


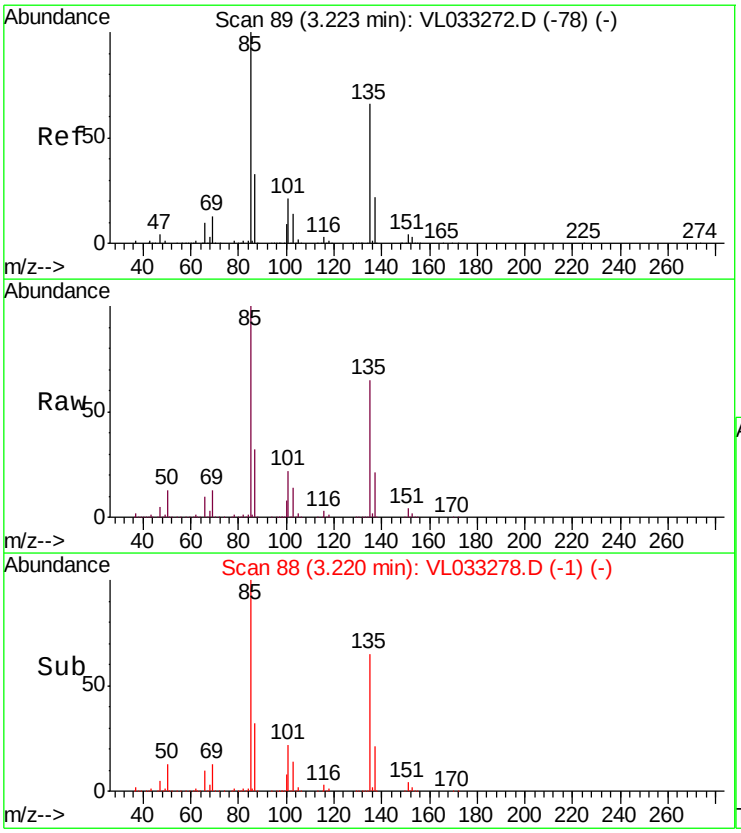
#7
Chloroethane
Concen: 13.361 ppbv
RT: 3.60 min Scan# 207
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 285344

Ion	Ratio	Lower	Upper
64	100		
66	32.4	26.2	39.2

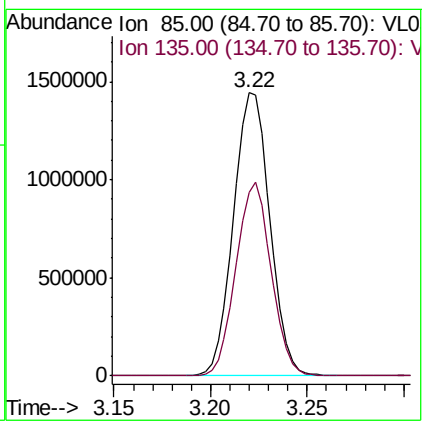


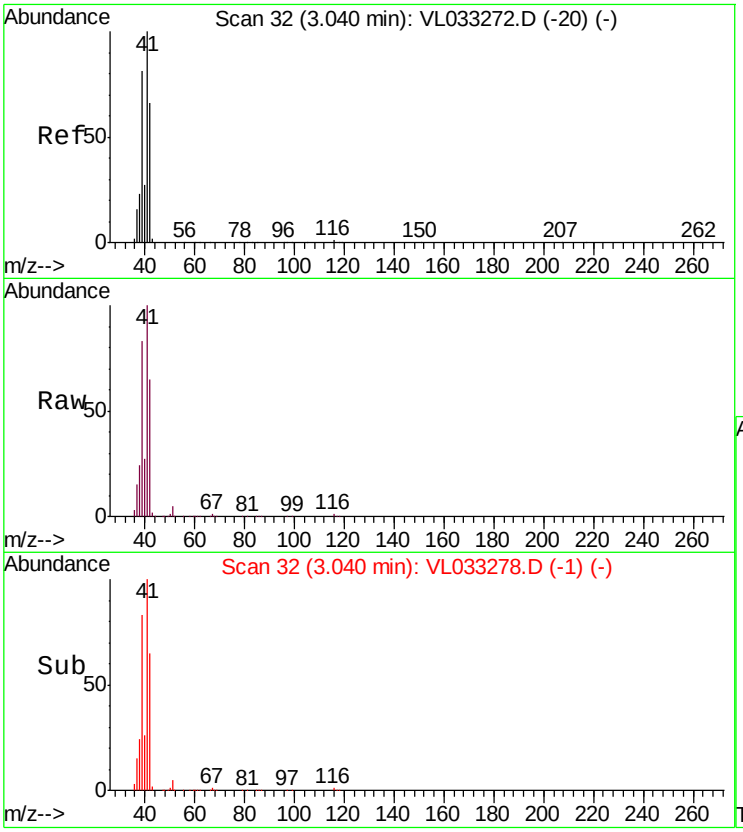


#8
Dichlorotetrafluoroethane
Concen: 12.772 ppbv
RT: 3.22 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 85 Resp: 1885622

Ion	Ratio	Lower	Upper
85	100		
135	66.5	53.4	80.2



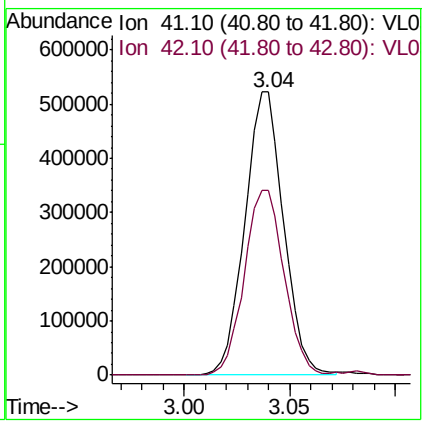


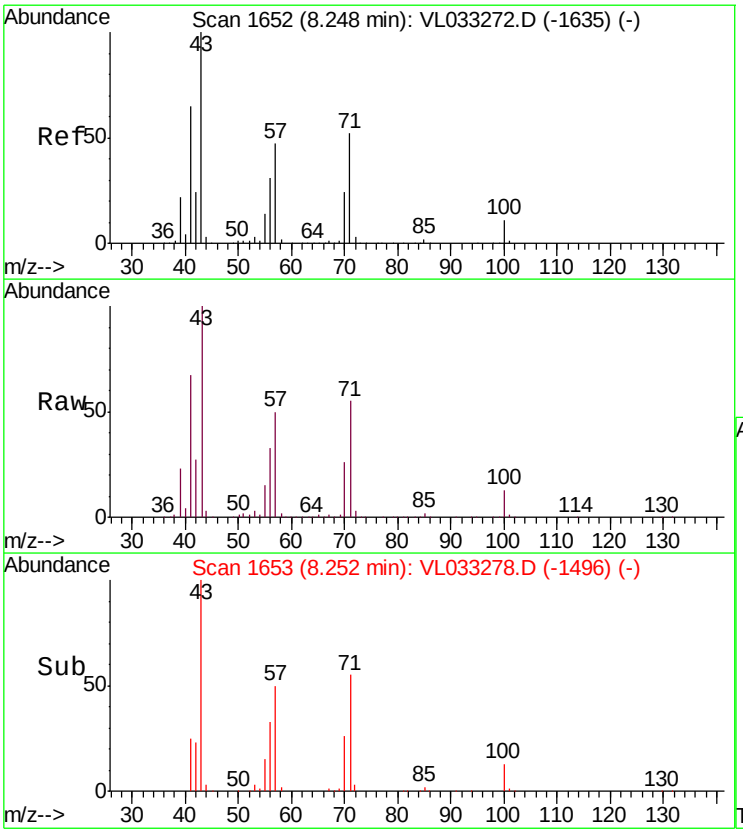
#9
Propene
Concen: 13.241 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 667419

Ion	Ratio	Lower	Upper
41	100		
42	68.3	54.6	82.0

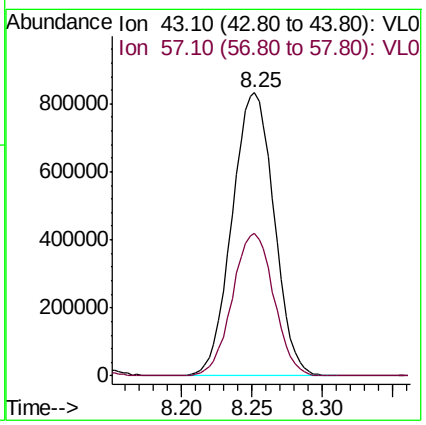


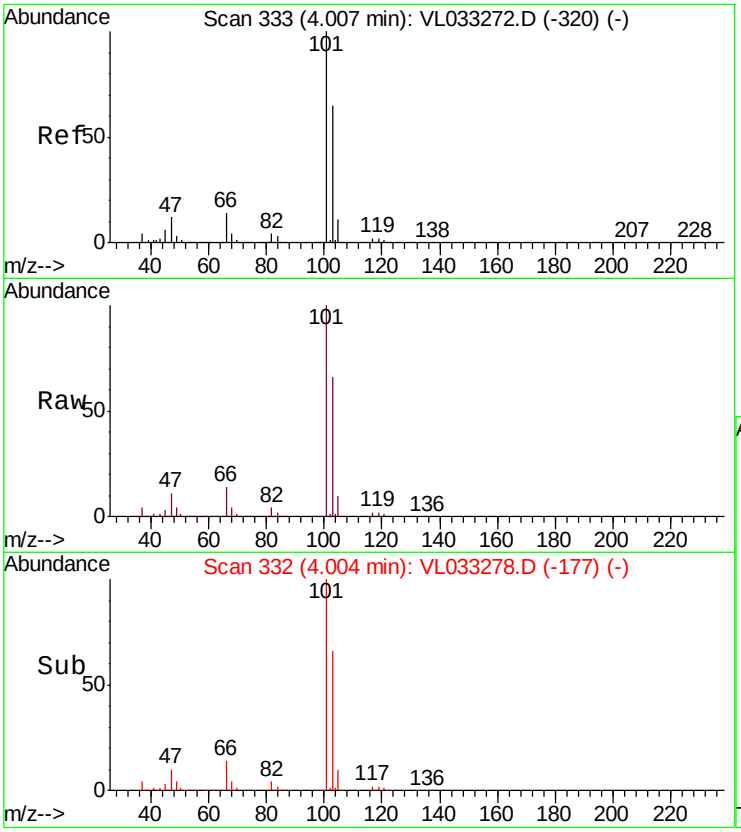


#10
Heptane
Concen: 14.471 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 43 Resp: 1729773

Ion	Ratio	Lower	Upper
43	100		
57	49.9	39.8	59.8



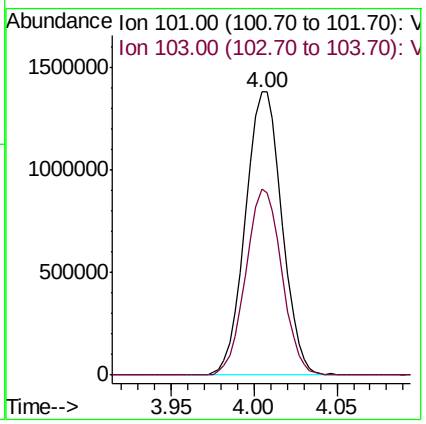


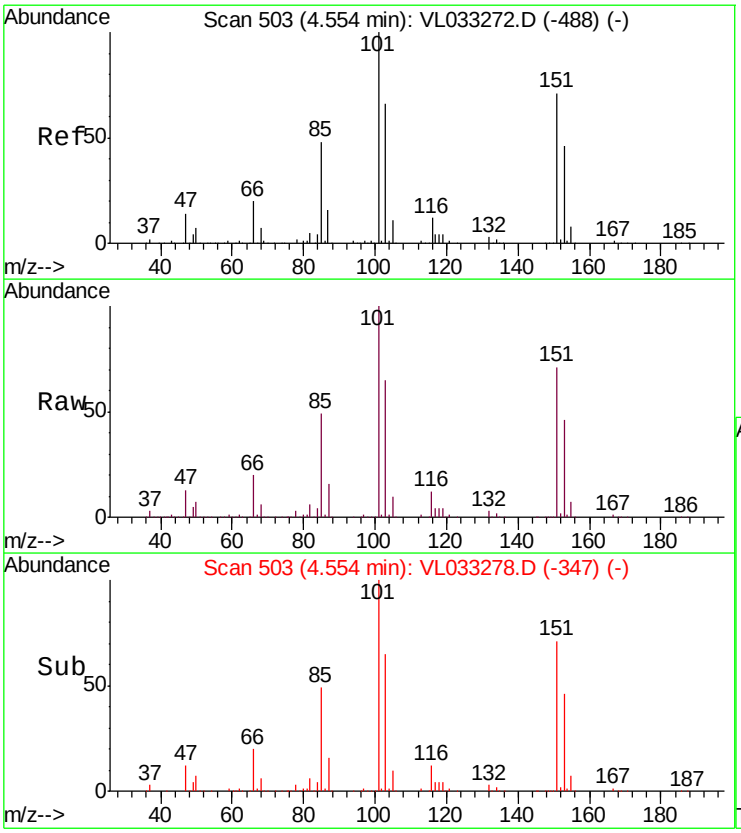
#11
Trichlorofluoromethane
Concen: 13.546 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:101 Resp: 2117809

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

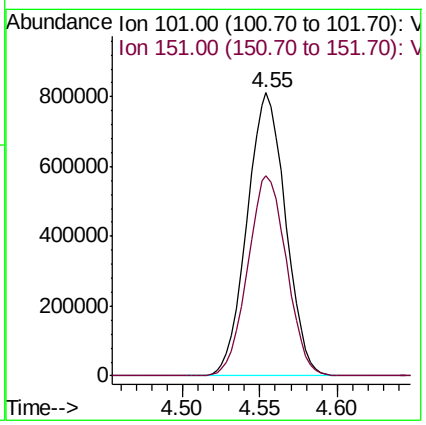


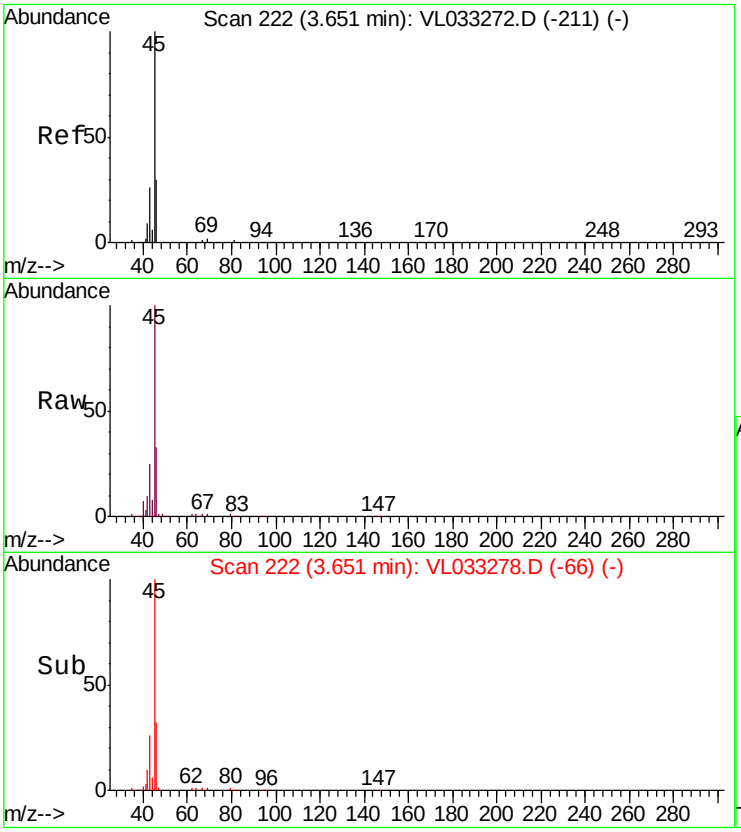


#12
1,1,2-Trichlorotrifluoroethane
Concen: 14.337 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:101 Resp: 1409110

Ion	Ratio	Lower	Upper
101	100		
151	71.4	56.9	85.3



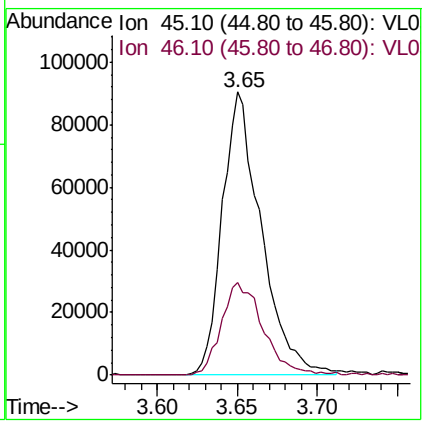


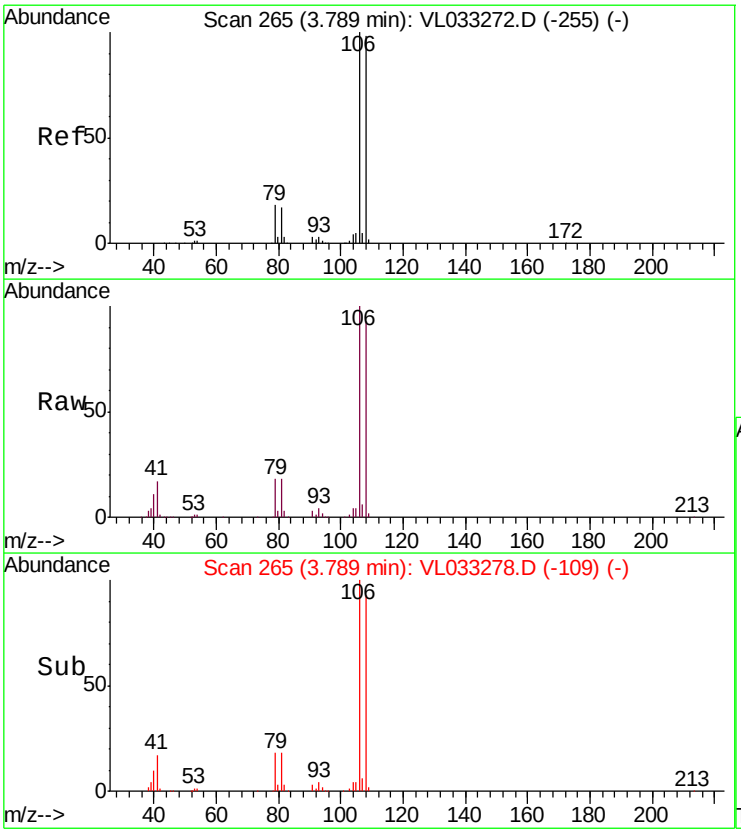
#13
Ethanol
Concen: 10.654 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 45 Resp: 149898

Ion	Ratio	Lower	Upper
45	100		
46	35.7	13.9	55.7

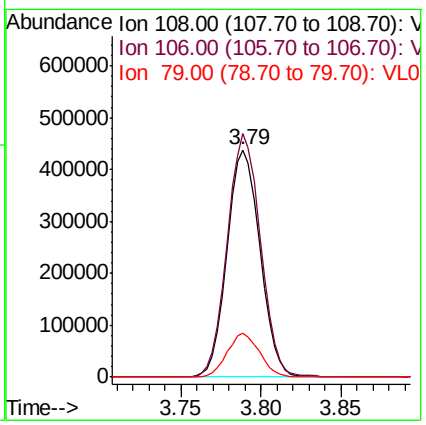


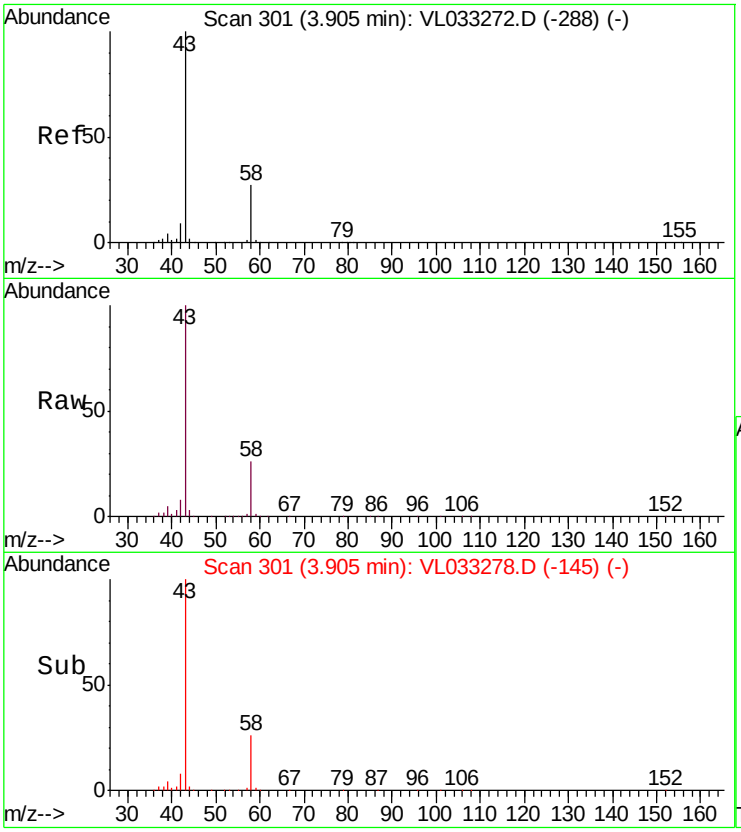


#14
Bromoethene
Concen: 15.240 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:108 Resp: 616625

Ion	Ratio	Lower	Upper
108	100		
106	107.8	85.9	128.9
79	19.1	14.9	22.3



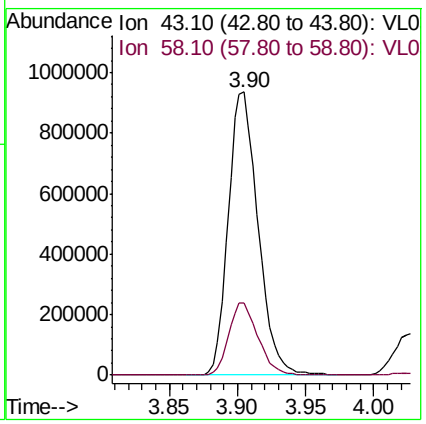


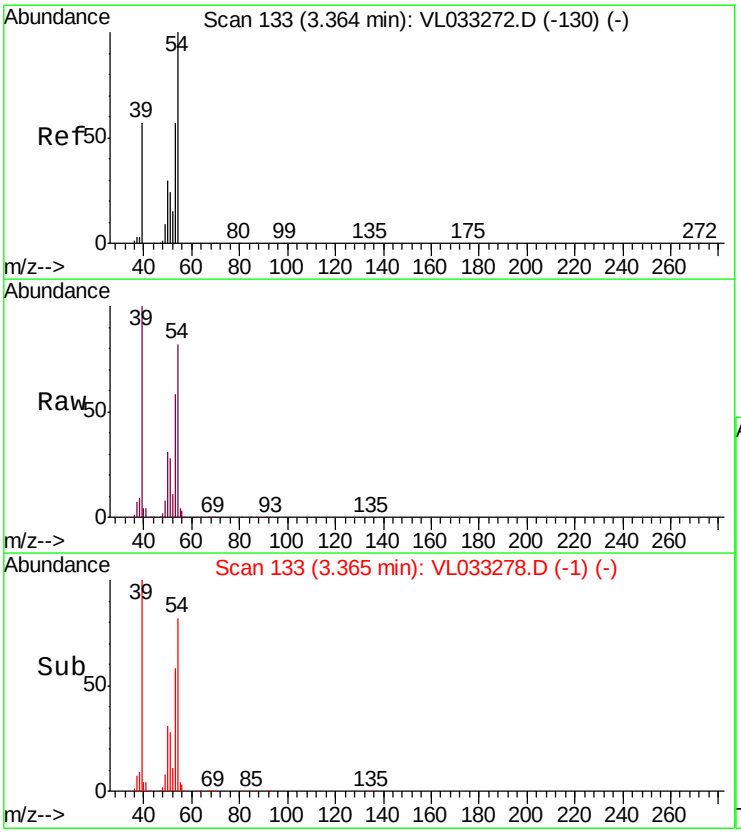
#15
Acetone
Concen: 12.668 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1419255

Ion	Ratio	Lower	Upper
43	100		
58	25.5	21.1	31.7

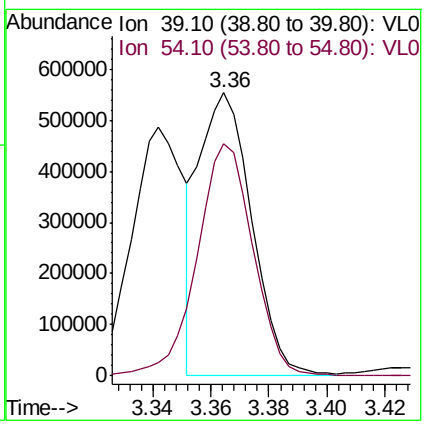


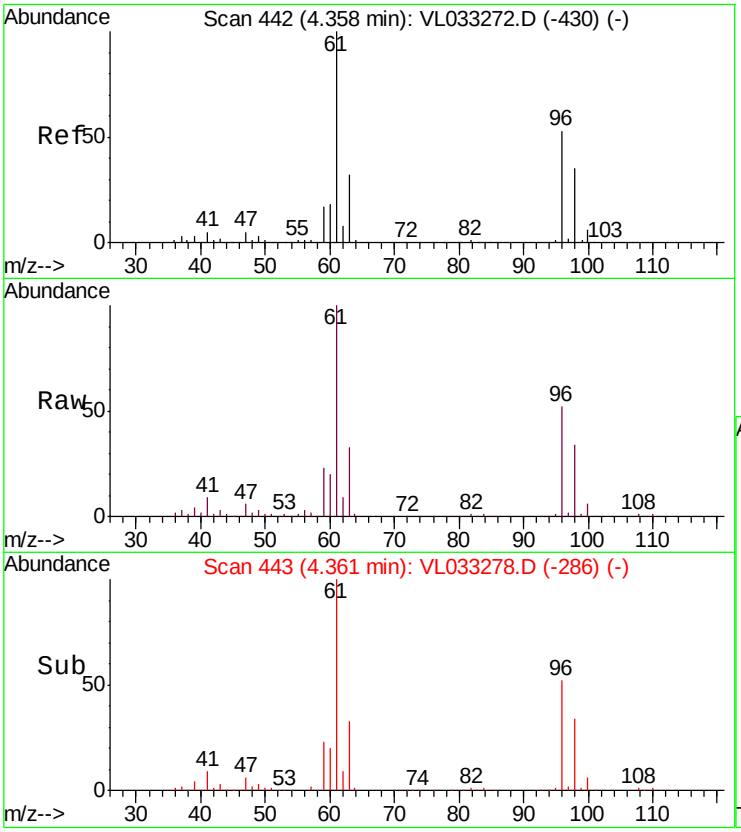


#16
1,3-Butadiene
Concen: 14.379 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 39 Resp: 695008

Ion	Ratio	Lower	Upper
39	100		
54	88.4	76.6	114.8



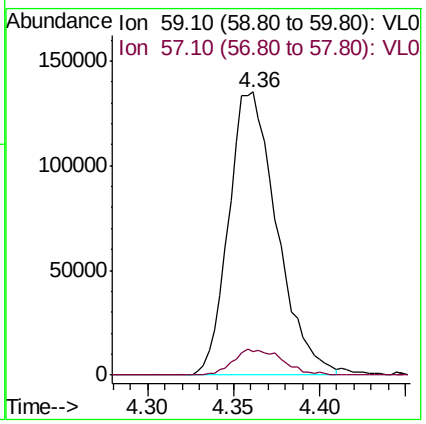


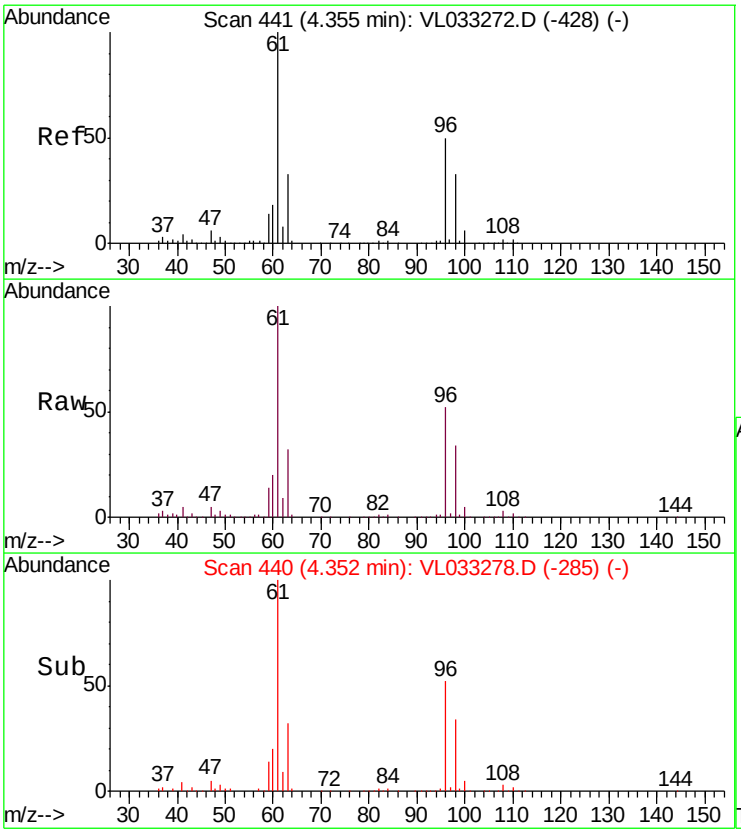
#17
tert-Butyl alcohol
Concen: 14.982 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 263527

Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.5	11.3

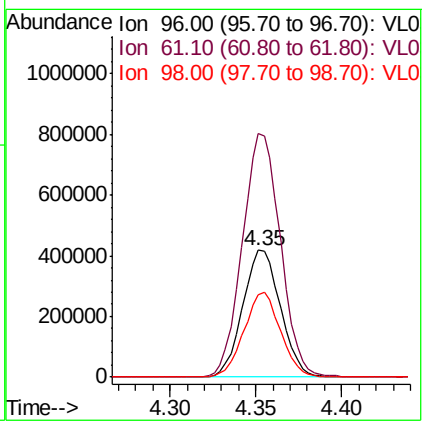


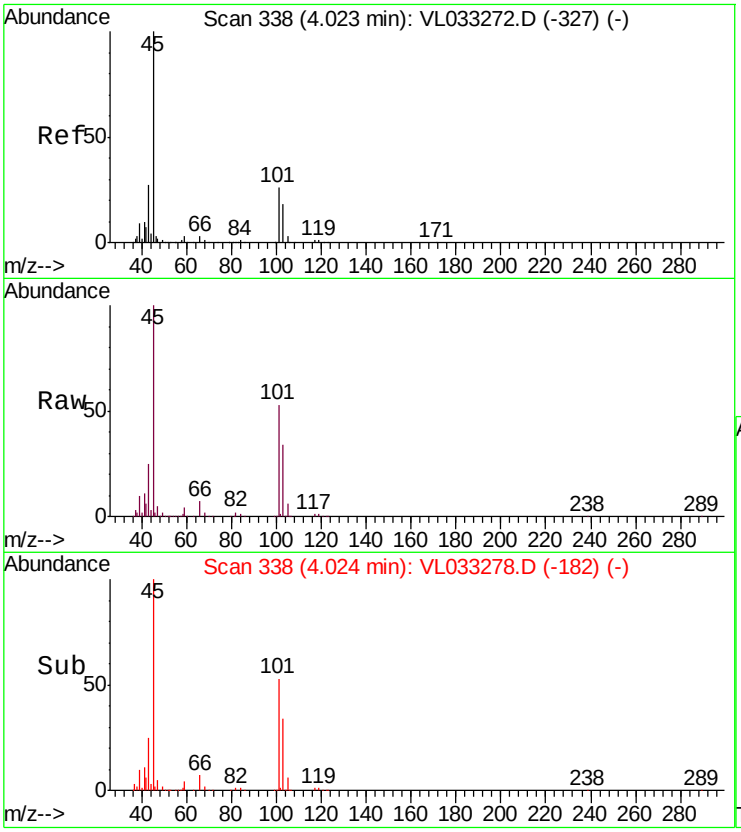


#18
1,1-Dichloroethene
Concen: 14.799 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 96 Resp: 637363

Ion	Ratio	Lower	Upper
96	100		
61	192.0	158.9	238.3
98	64.5	52.4	78.6



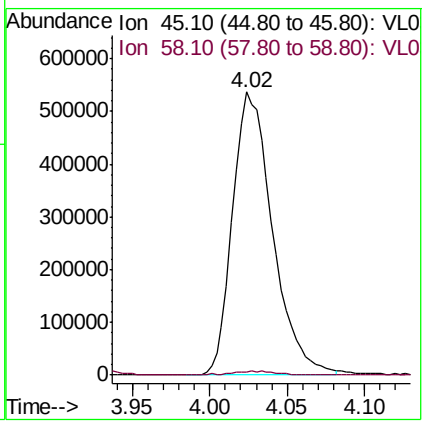


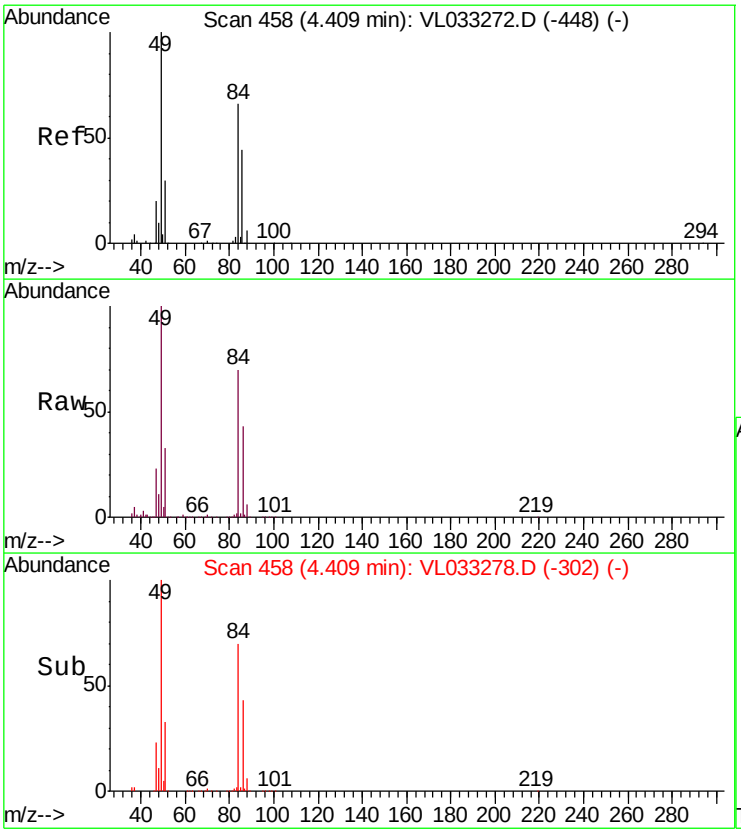
#19
Isopropyl Alcohol
Concen: 14.329 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 962986

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.4	2.2

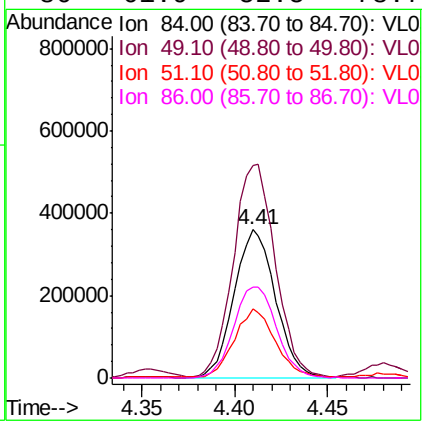


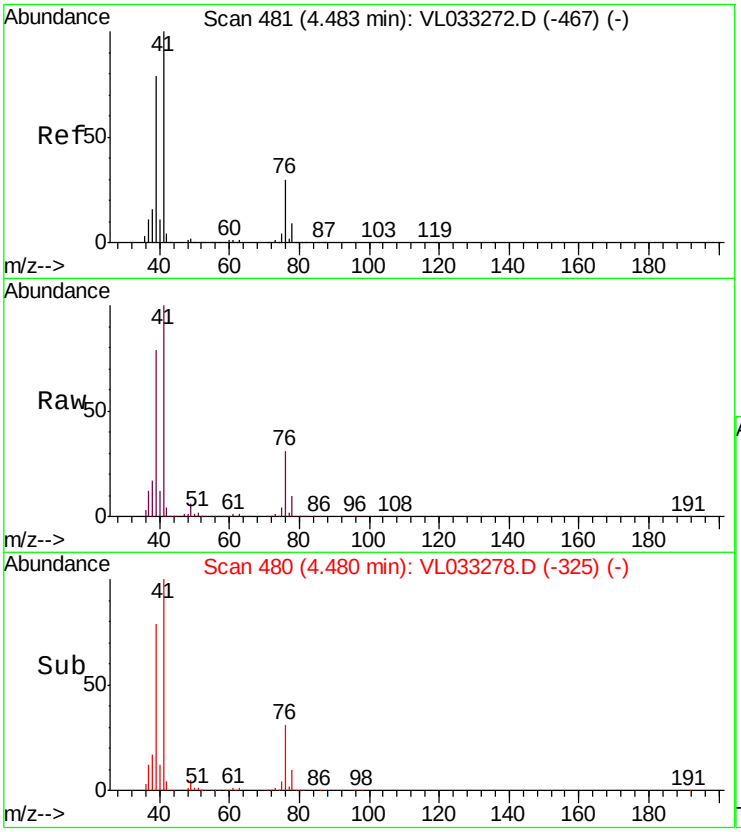


#20
Methylene Chloride
Concen: 12.558 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 84 Resp: 555512

Ion	Ratio	Lower	Upper
84	100		
49	143.2	120.3	180.5
51	46.4	36.2	54.4
86	61.9	52.5	78.7



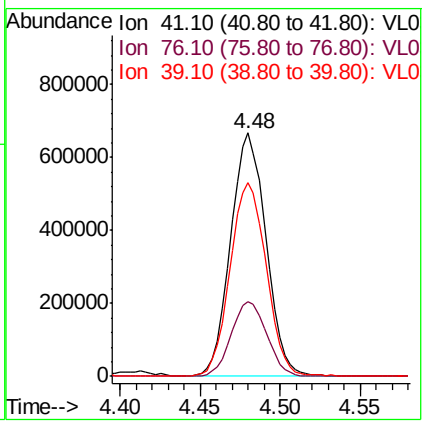


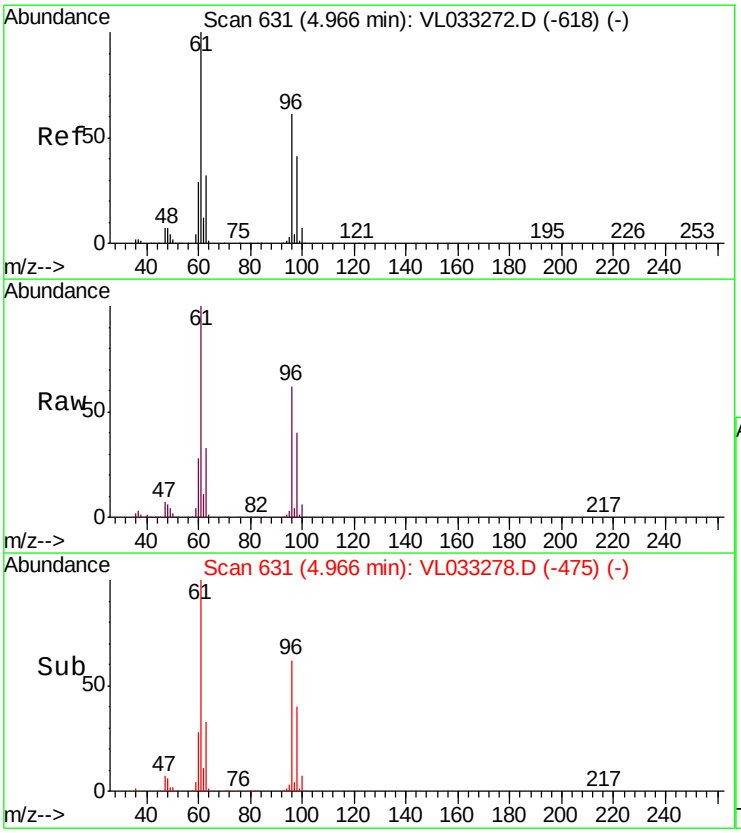
#21
Allyl Chloride
Concen: 15.438 ppbv
RT: 4.48 min Scan# 480
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1000356

Ion	Ratio	Lower	Upper
41	100		
76	31.0	25.0	37.4
39	81.7	64.2	96.4

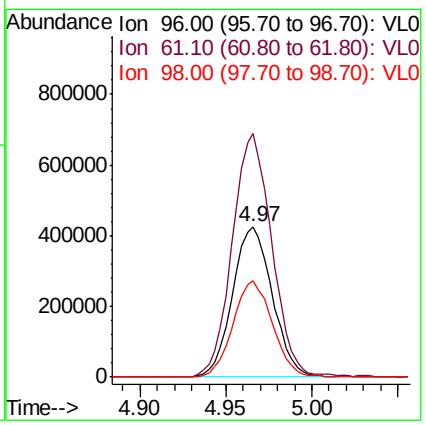


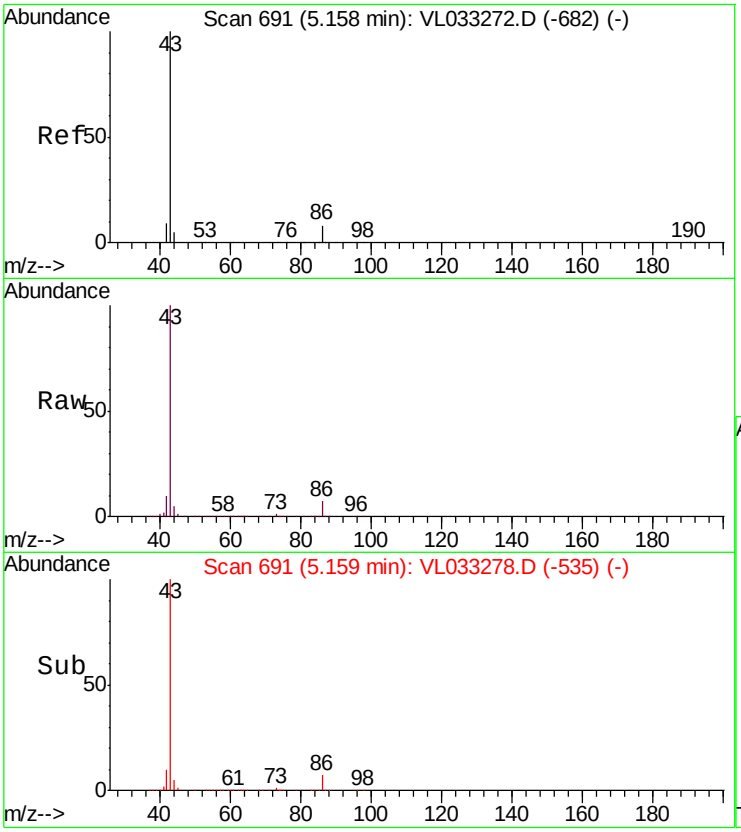


#22
trans-1,2-Dichloroethene
Concen: 14.931 ppbv
RT: 4.97 min Scan# 631
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 96 Resp: 685563

Ion	Ratio	Lower	Upper
96	100		
61	161.6	131.6	197.4
98	64.0	54.1	81.1



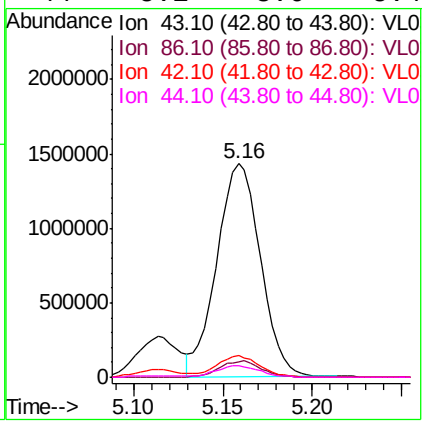


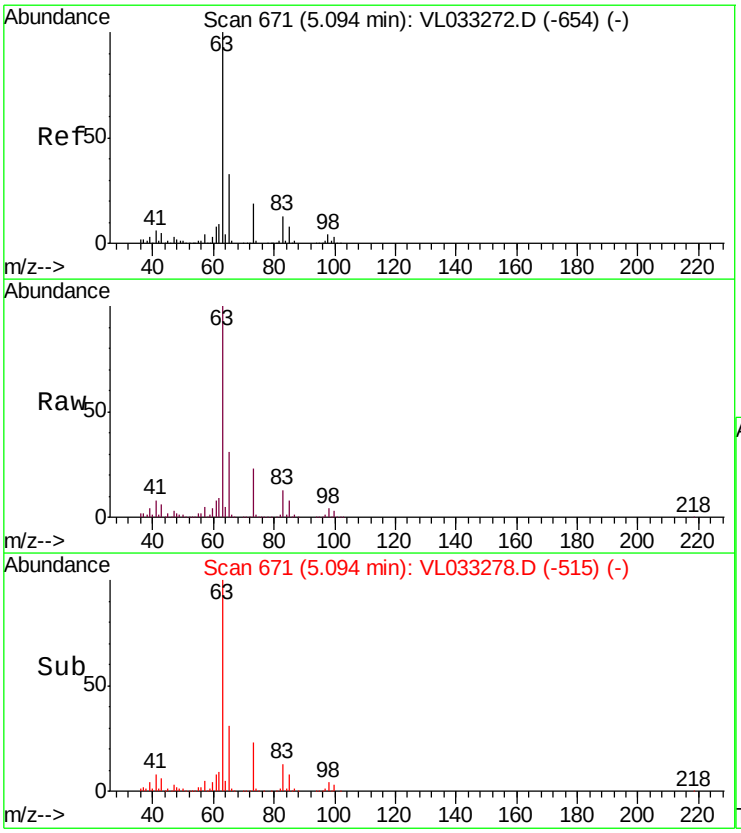
#23
Vinyl Acetate
Concen: 15.675 ppbv
RT: 5.16 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2434644

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.5	8.3
42	10.0	7.8	11.6
44	5.1	3.6	5.4

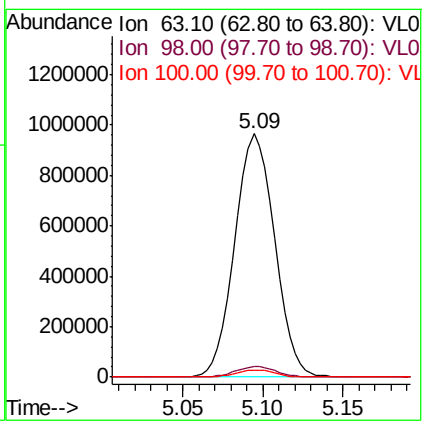


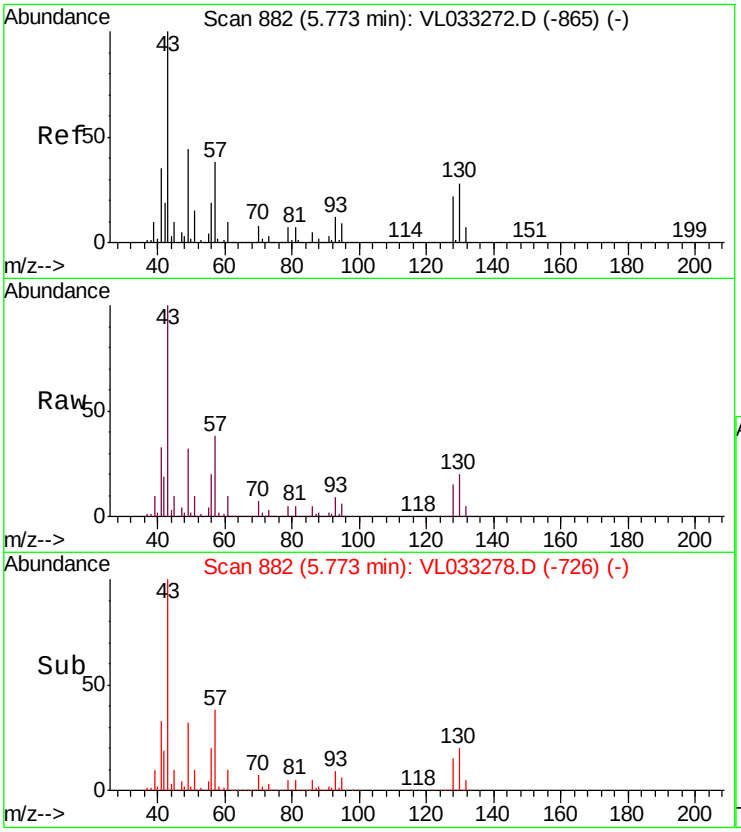


#24
1,1-Dichloroethane
Concen: 13.891 ppbv
RT: 5.09 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 63 Resp: 1636657

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.2	6.6
100	2.7	1.5	4.4



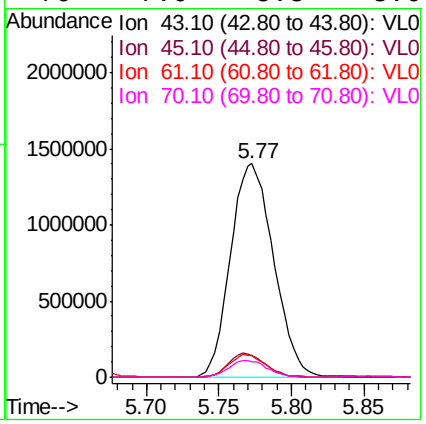


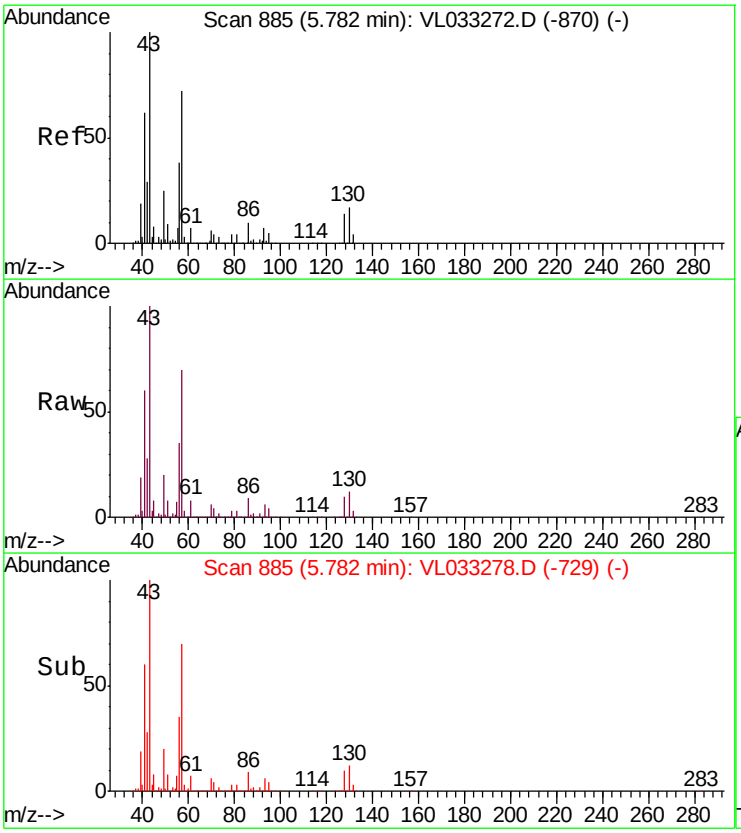
#25
Ethyl Acetate
Concen: 14.071 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2885813

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.2	7.3	10.9
70	7.0	5.8	8.6

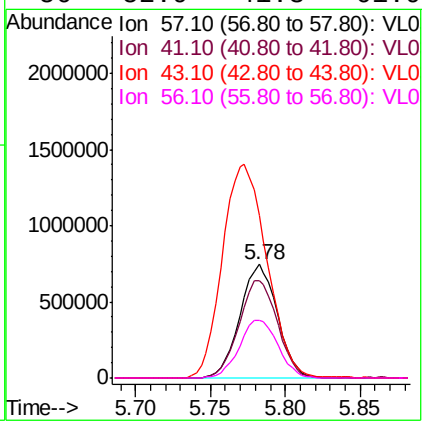


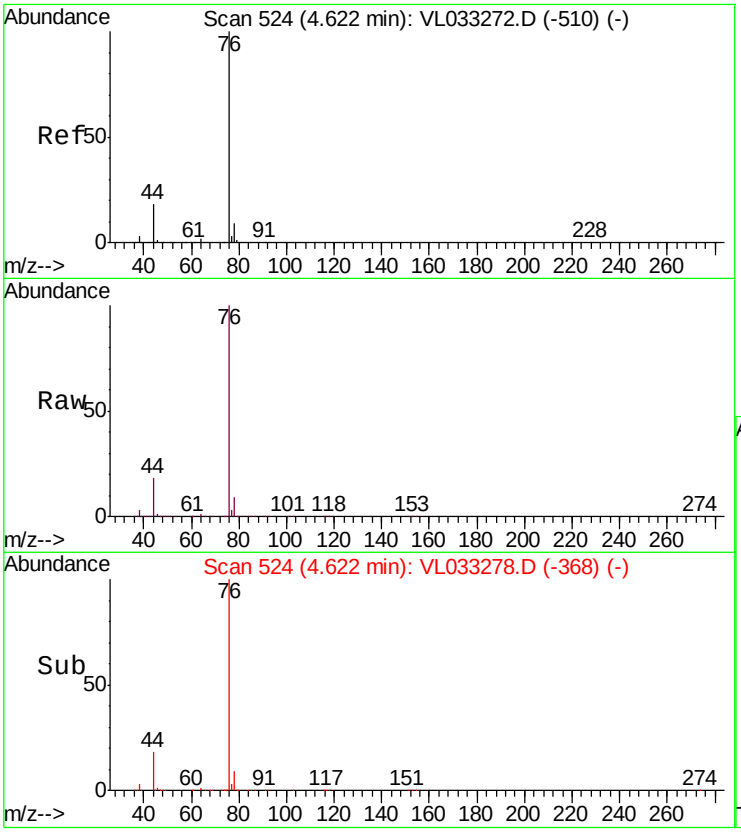


#26
Hexane
Concen: 13.382 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 57 Resp: 1293622

Ion	Ratio	Lower	Upper
57	100		
41	88.7	70.7	106.1
43	224.1	178.6	267.8
56	52.9	41.3	61.9



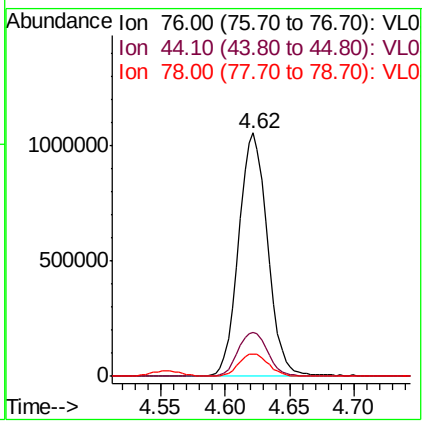


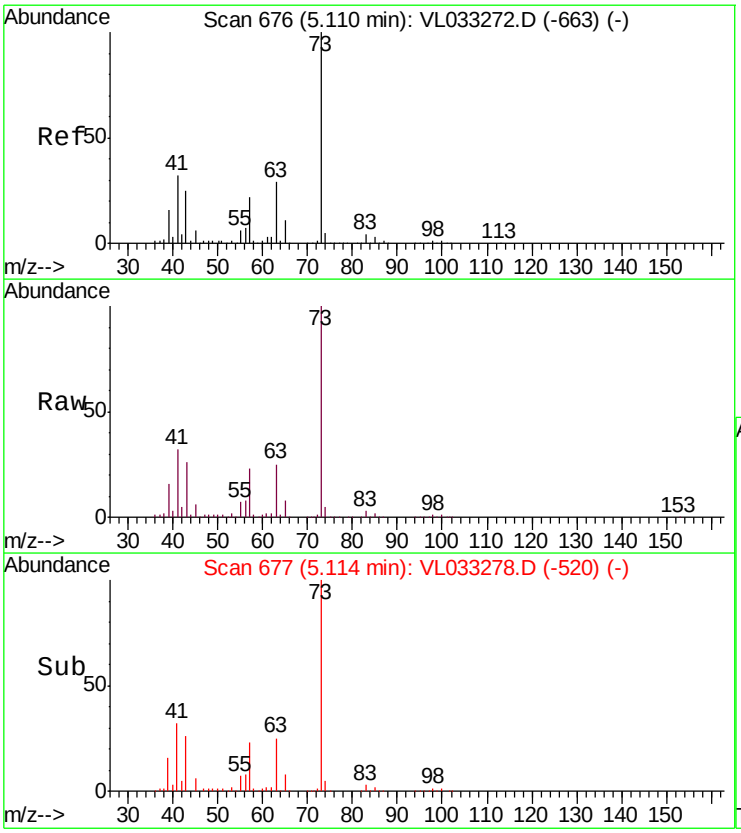
#27
Carbon Disulfide
Concen: 16.840 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1647933

Ion	Ratio	Lower	Upper
76	100		
44	18.5	15.1	22.7
78	9.4	7.4	11.0

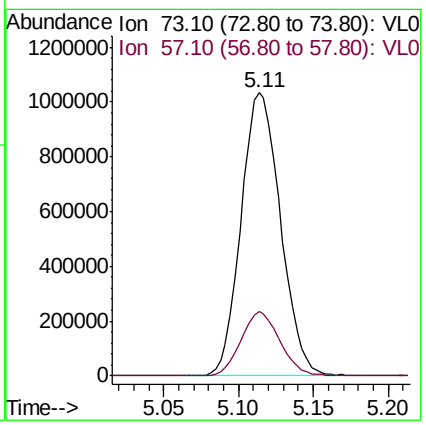


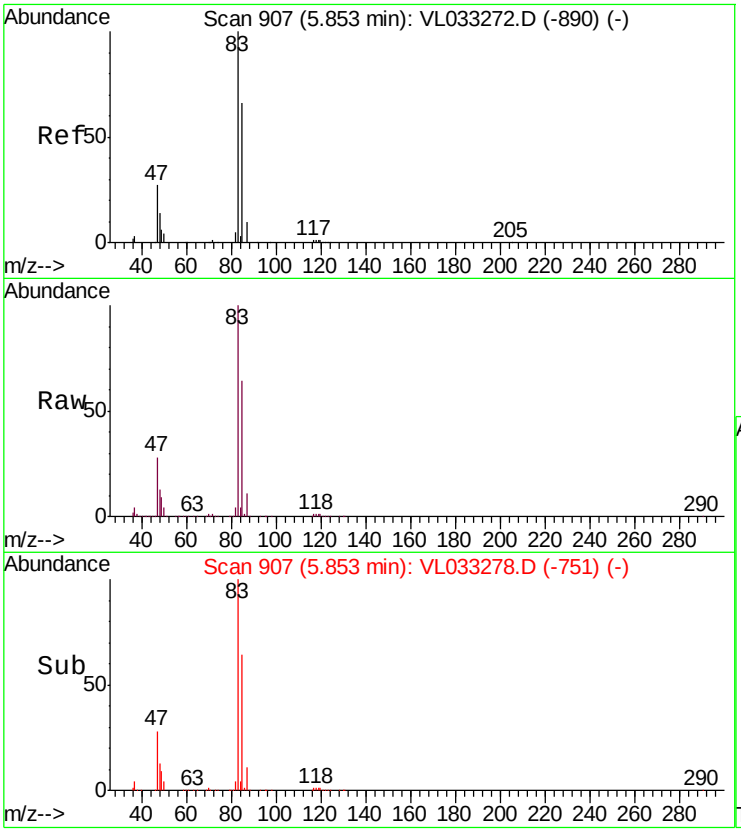


#28
Methyl tert-Butyl Ether
Concen: 14.878 ppbv
RT: 5.11 min Scan# 677
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 73 Resp: 1896429

Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.9	26.9



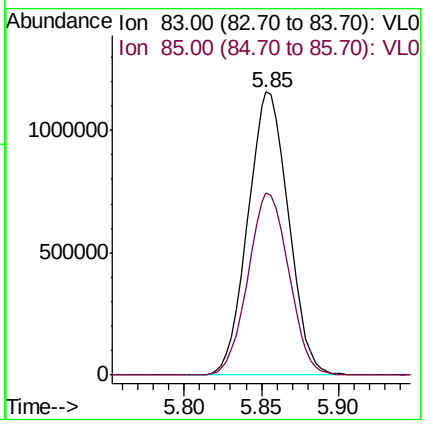


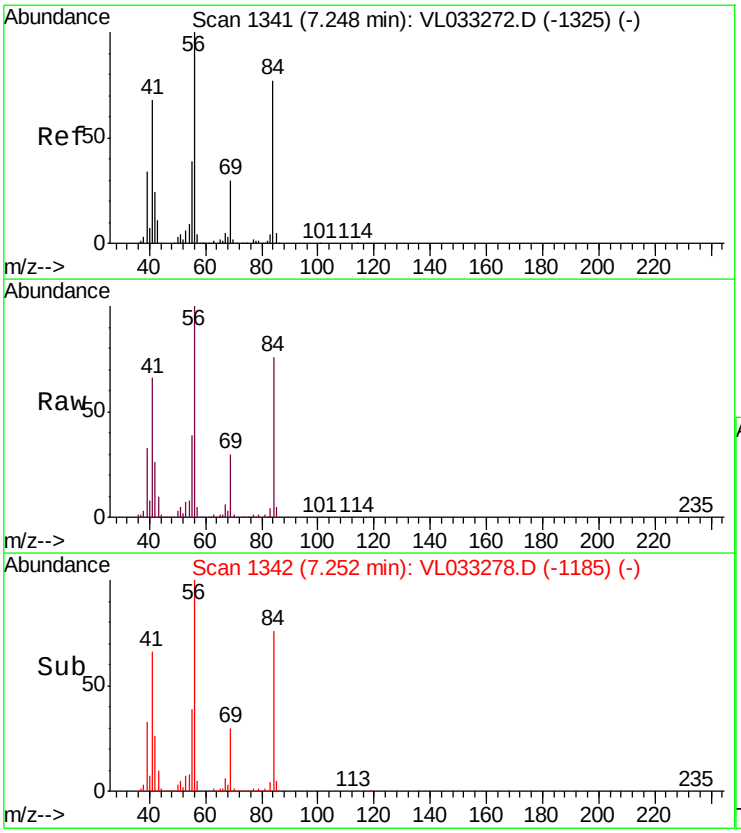
#29
Chloroform
Concen: 14.356 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2110876

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7

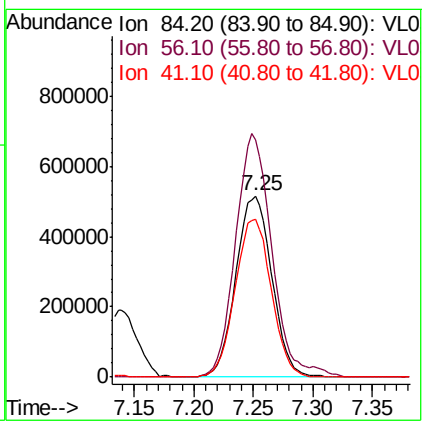


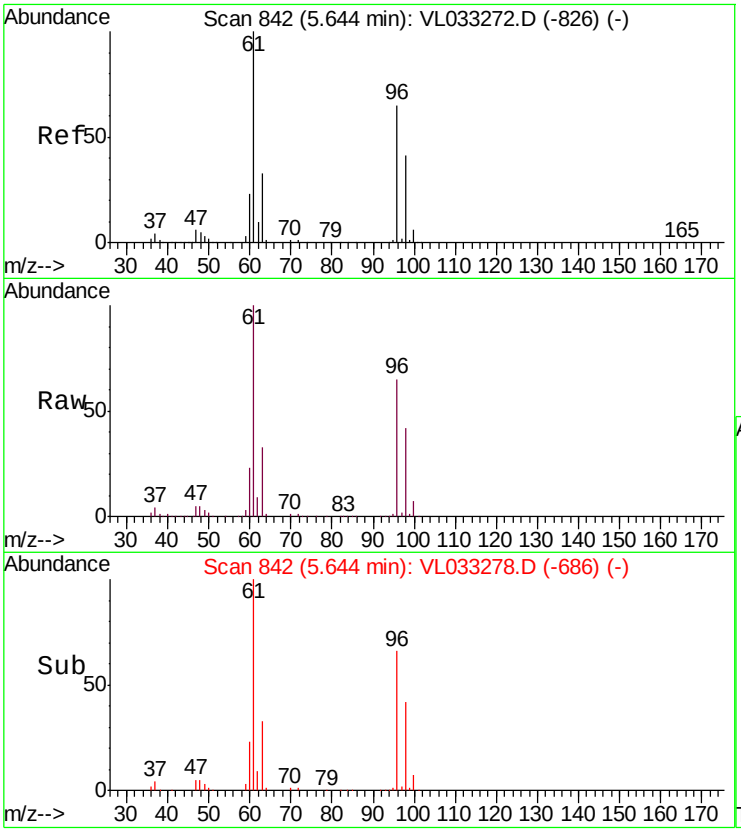


#30
Cyclohexane
Concen: 14.885 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 84 Resp: 1081155

Ion	Ratio	Lower	Upper
84	100		
56	136.3	112.0	168.0
41	87.6	69.9	104.9



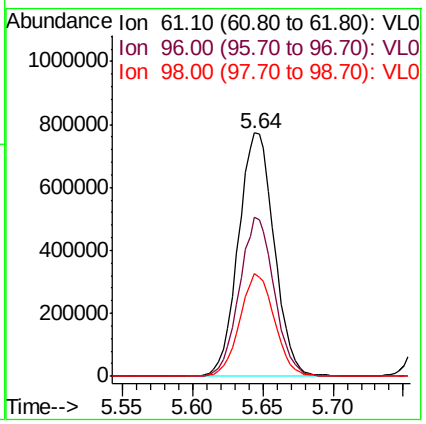


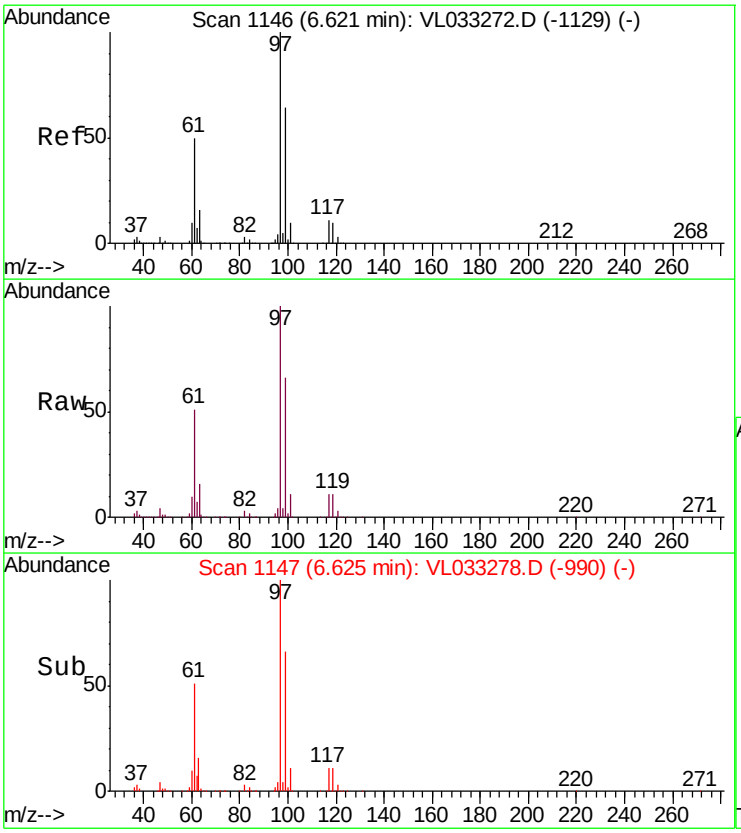
#31
cis-1,2-Dichloroethene
Concen: 15.076 ppbv
RT: 5.64 min Scan# 842
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1376907

Ion	Ratio	Lower	Upper
61	100		
96	65.5	51.8	77.8
98	42.0	32.9	49.3

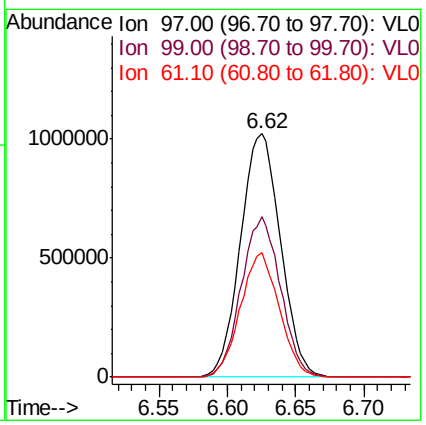


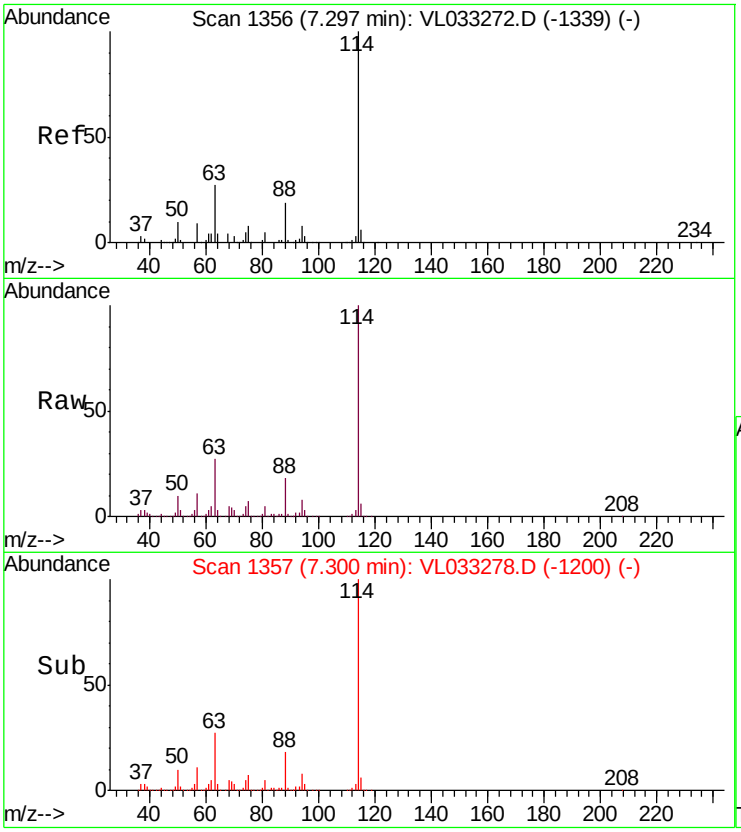


#32
1,1,1-Trichloroethane
Concen: 15.043 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 97 Resp: 2085514

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	49.7	39.7	59.5



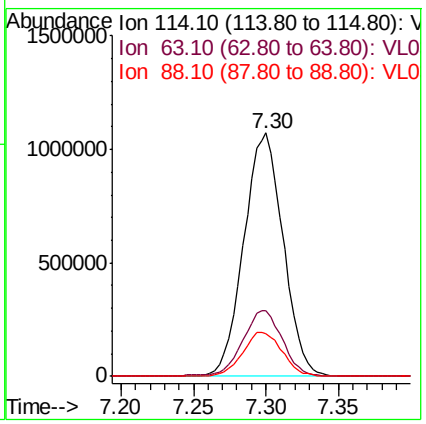


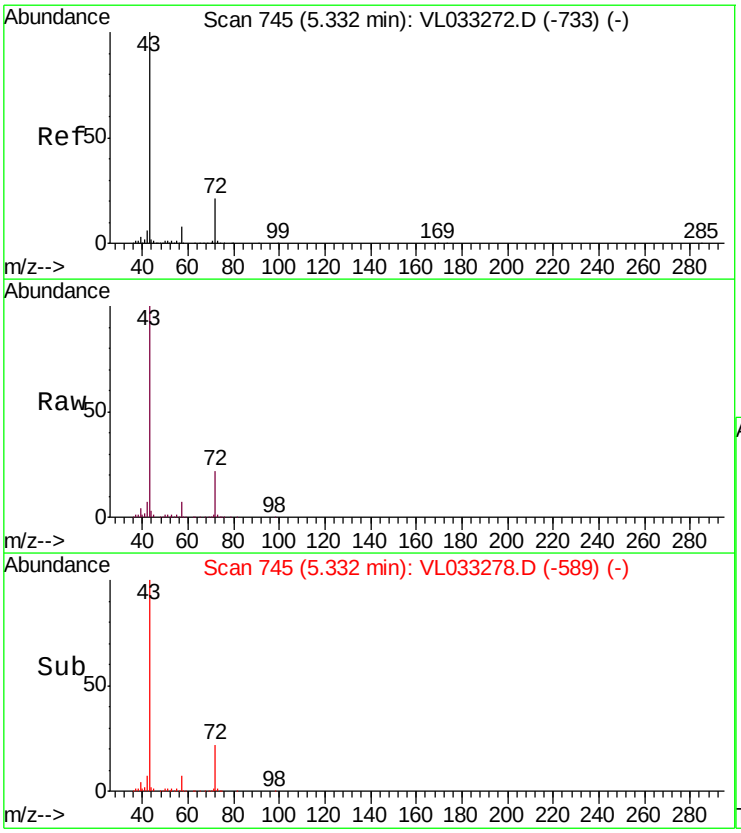
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 2021945

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.5	32.3
88	18.3	14.6	22.0

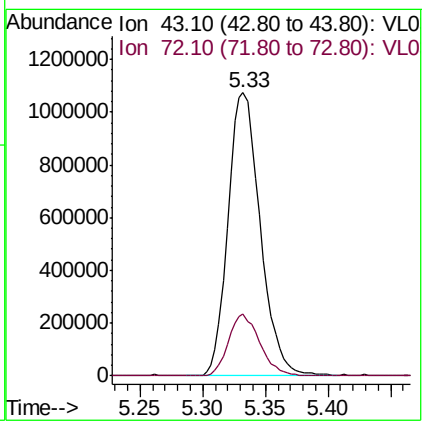


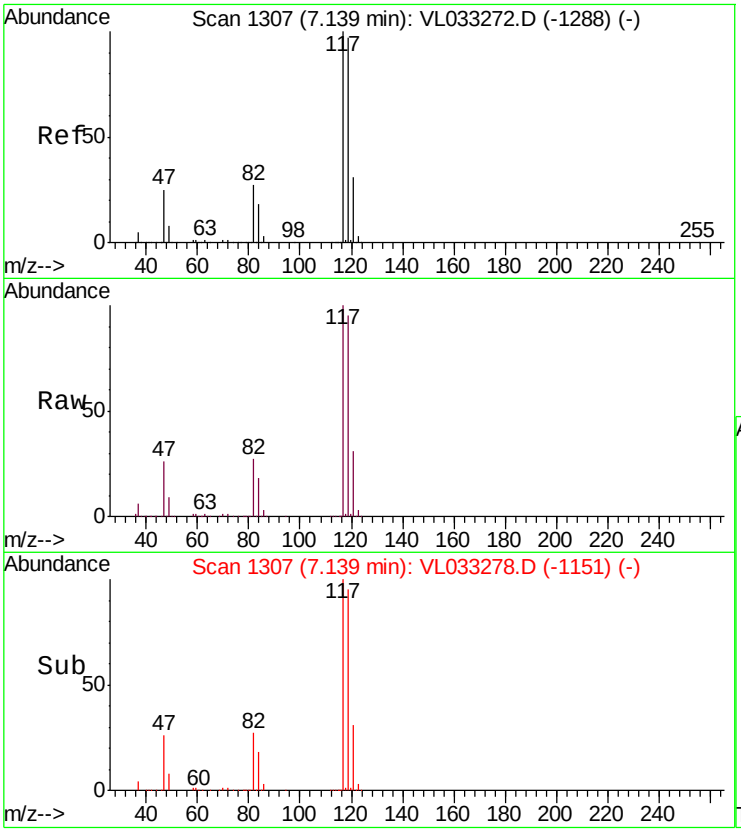


#34
2-Butanone
Concen: 15.209 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 43 Resp: 1906596

Ion	Ratio	Lower	Upper
43	100		
72	21.3	17.0	25.6



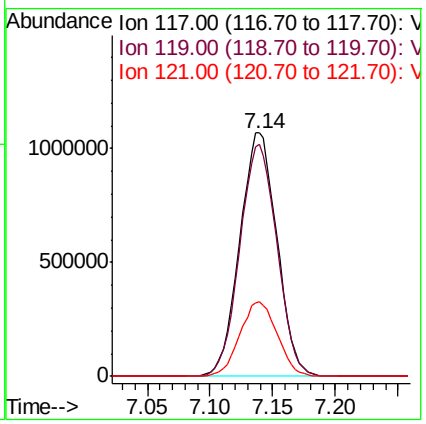


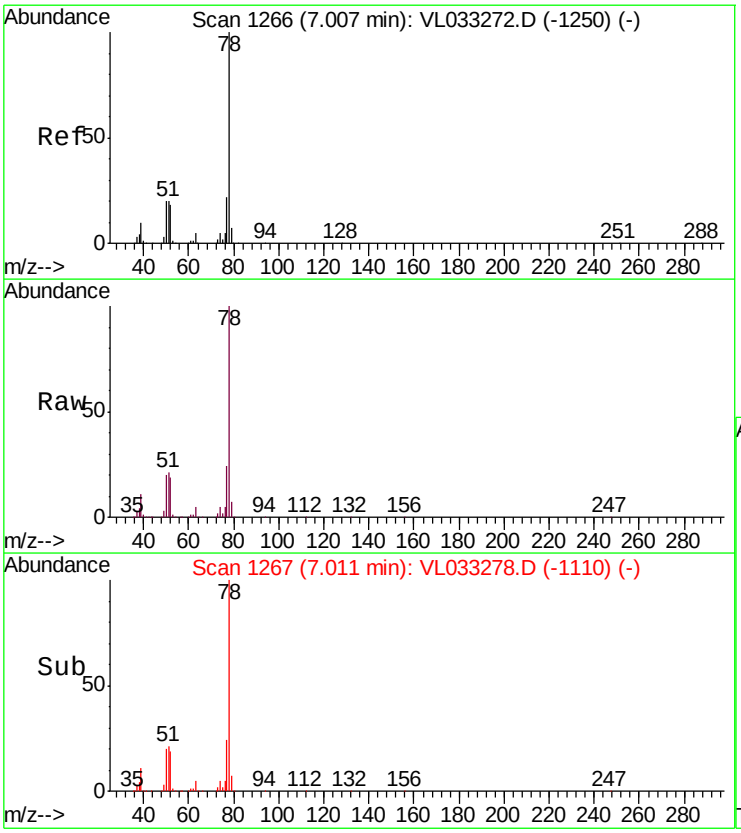
#35
Carbon Tetrachloride
Concen: 15.937 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 2207093

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
121	30.8	24.9	37.3

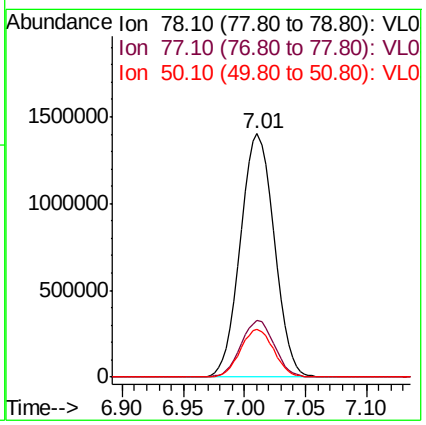


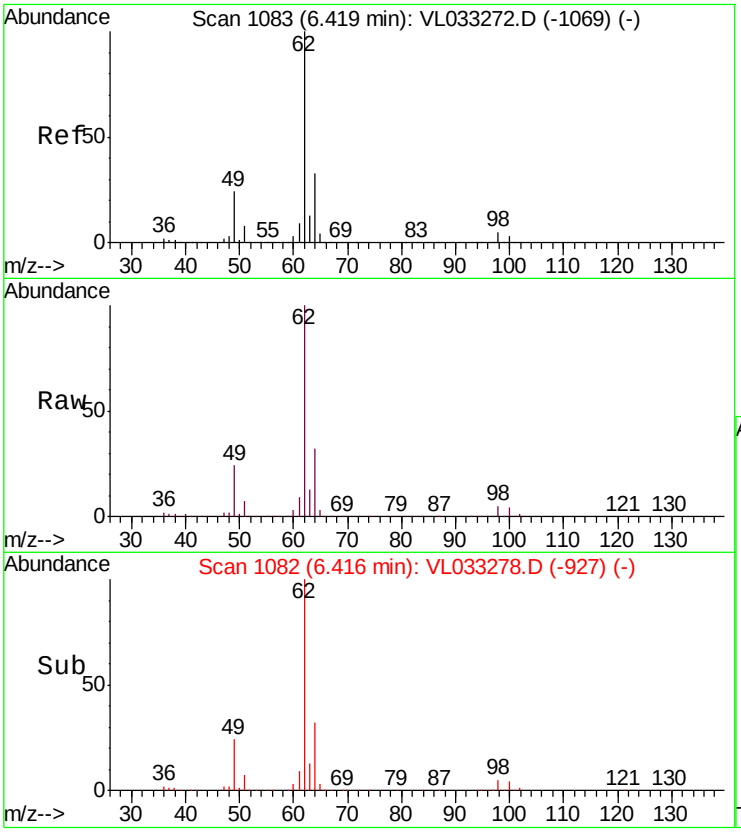


#36
Benzene
Concen: 15.039 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 78 Resp: 2688077

Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.7	26.5
50	19.8	15.7	23.5



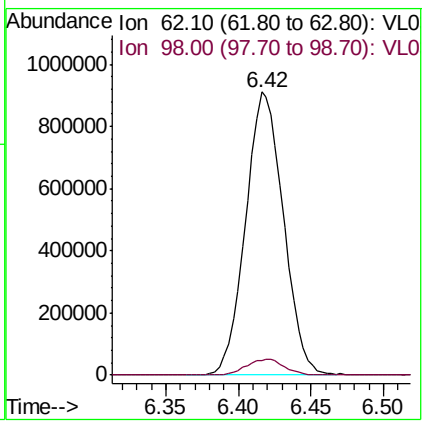


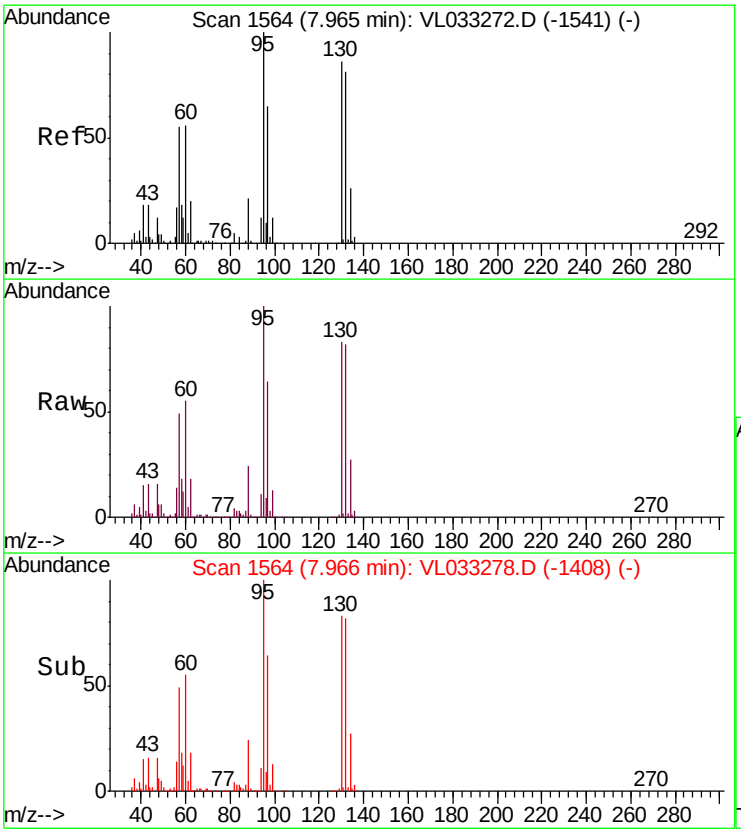
#37
1,2-Dichloroethane
Concen: 14.485 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 62 Resp: 1653548

Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.5	6.7

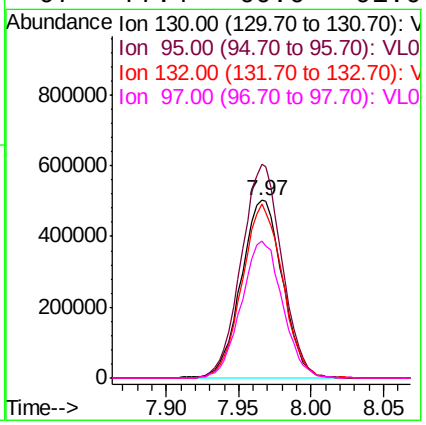


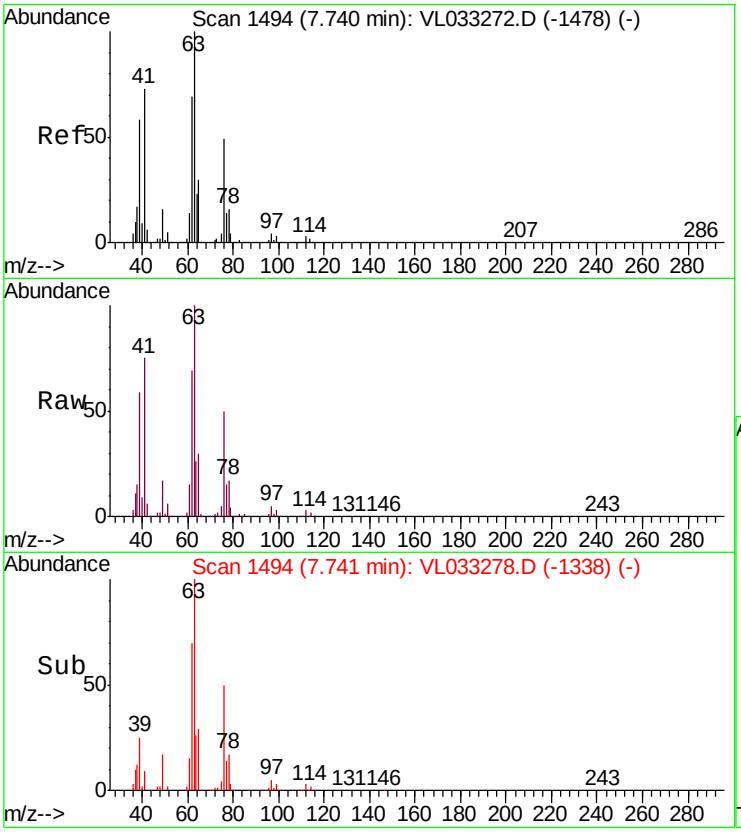


#38
Trichloroethene
Concen: 14.629 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:130 Resp: 989279

Ion	Ratio	Lower	Upper
130	100		
95	120.5	93.3	139.9
132	98.5	75.4	113.2
97	77.4	60.6	91.0



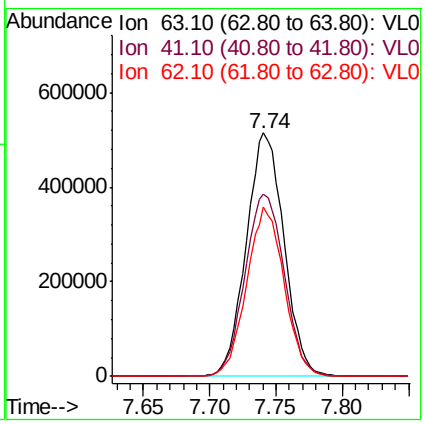


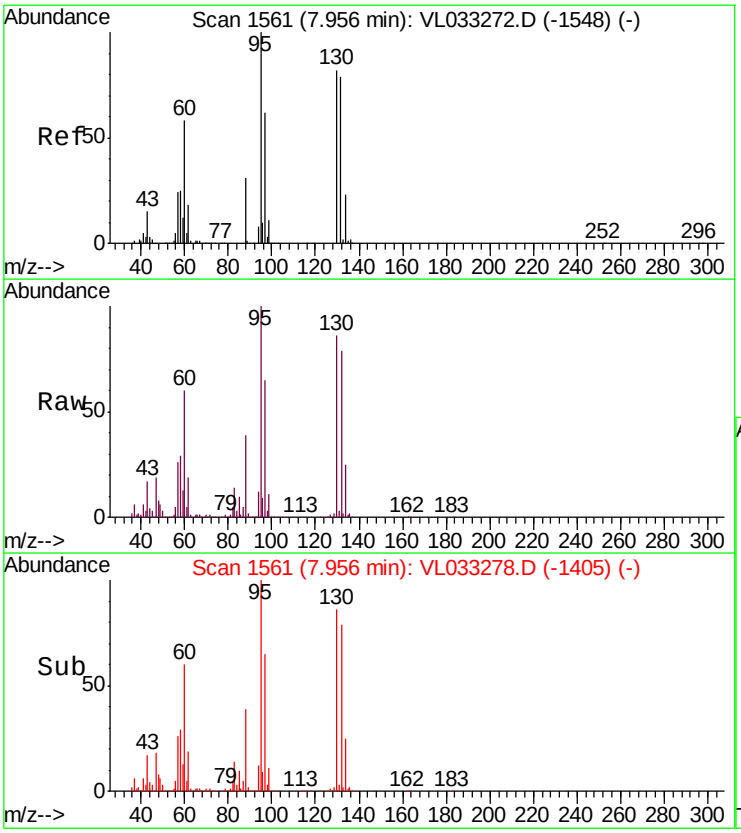
#39
1,2-Dichloropropane
Concen: 14.926 ppbv
RT: 7.74 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 63 Resp: 1020633

Ion	Ratio	Lower	Upper
63	100		
41	74.8	58.3	87.5
62	69.5	55.3	82.9

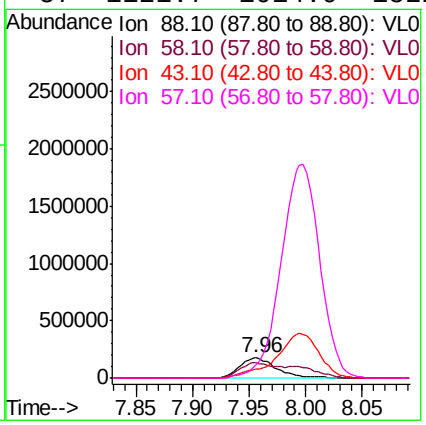


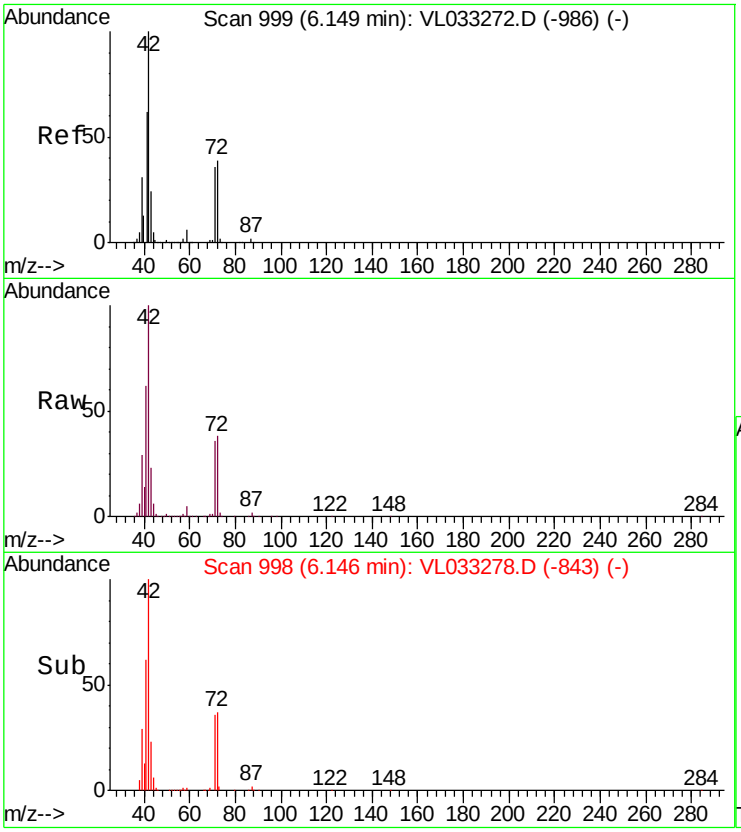


#40
1,4-Dioxane
Concen: 15.807 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 88 Resp: 396291

Ion	Ratio	Lower	Upper
88	100		
58	125.4	107.0	160.6
43	257.0	230.2	345.4
57	1121.7	1014.9	1522.3



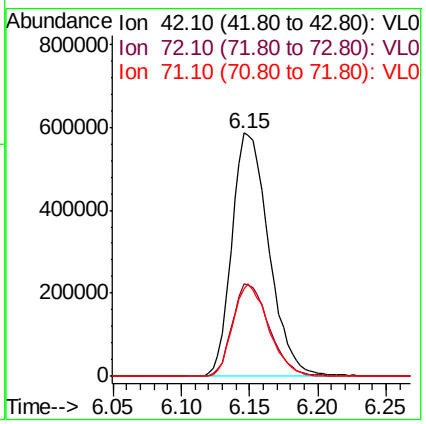


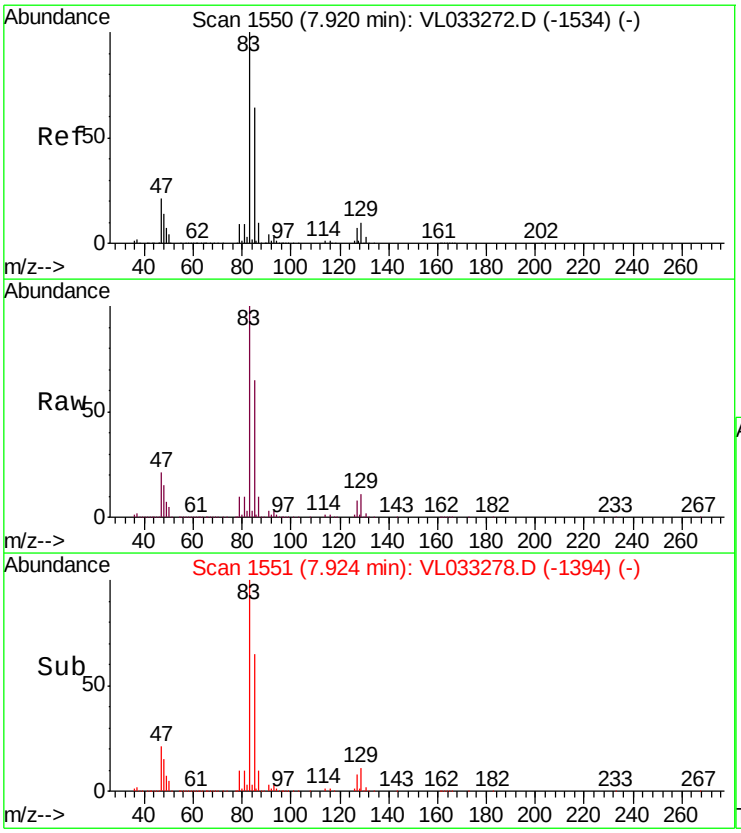
#41
Tetrahydrofuran
Concen: 15.542 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 42 Resp: 1102465

Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.6	46.0
71	37.0	29.7	44.5

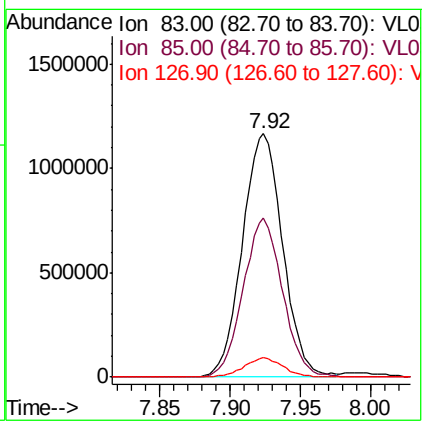


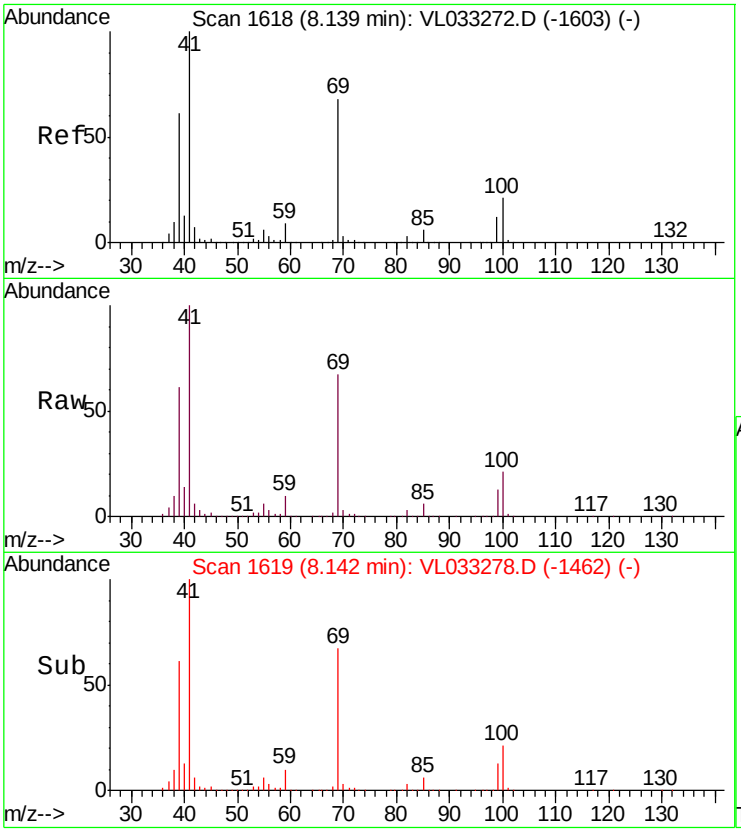


#42
Bromodichloromethane
Concen: 15.286 ppbv
RT: 7.92 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 83 Resp: 2327749

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.4
127	7.9	6.0	9.0



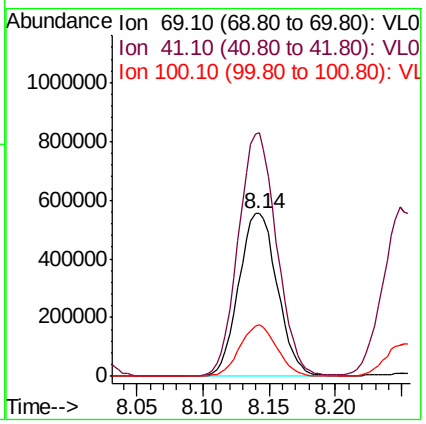


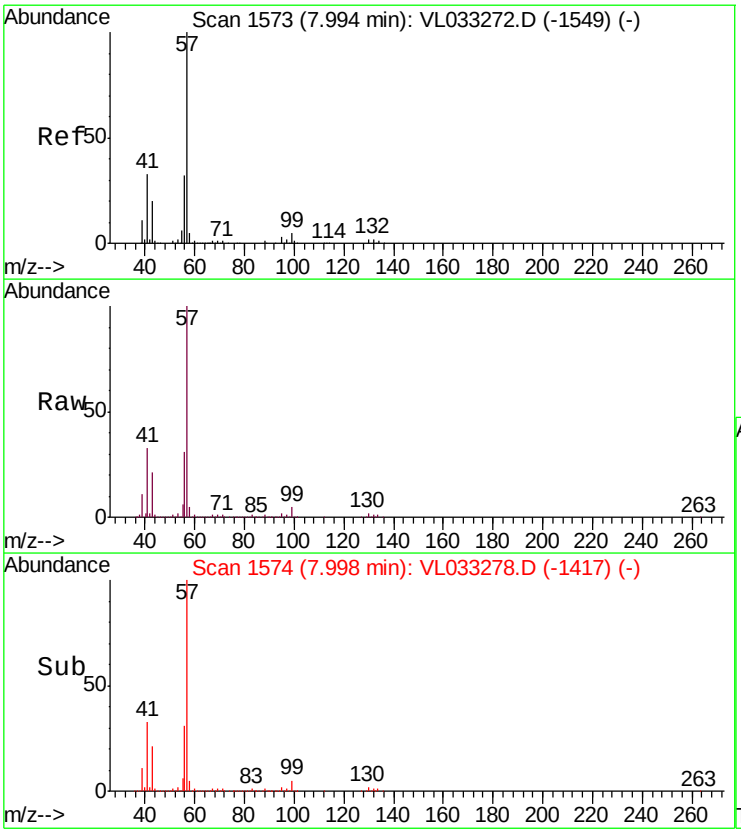
#43
Methyl Methacrylate
Concen: 16.087 ppbv
RT: 8.14 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1123053

Ion	Ratio	Lower	Upper
69	100		
41	148.8	121.0	181.4
100	30.4	24.4	36.6

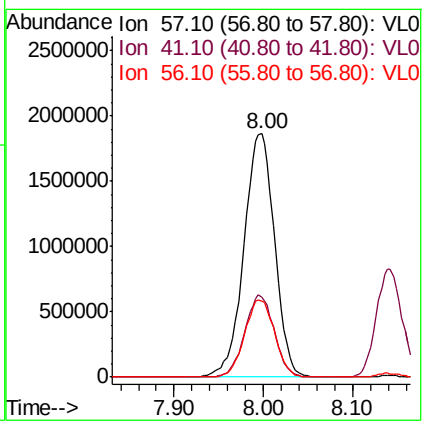


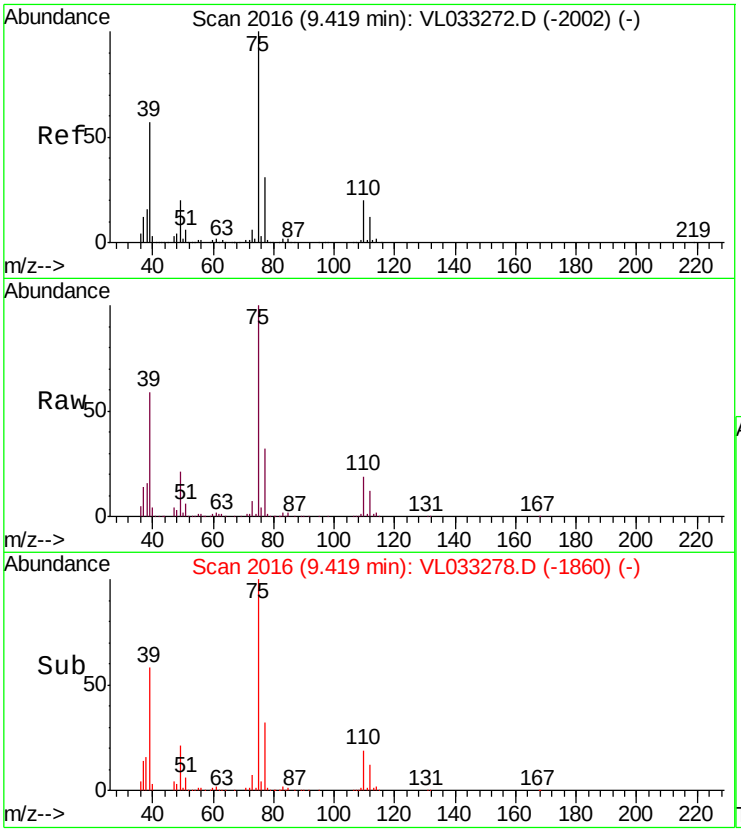


#44
2,2,4-Trimethylpentane
Concen: 14.412 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 57 Resp: 4442460

Ion	Ratio	Lower	Upper
57	100		
41	32.4	26.2	39.2
56	31.1	24.8	37.2



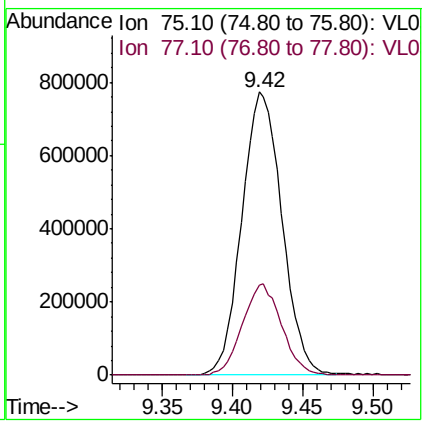


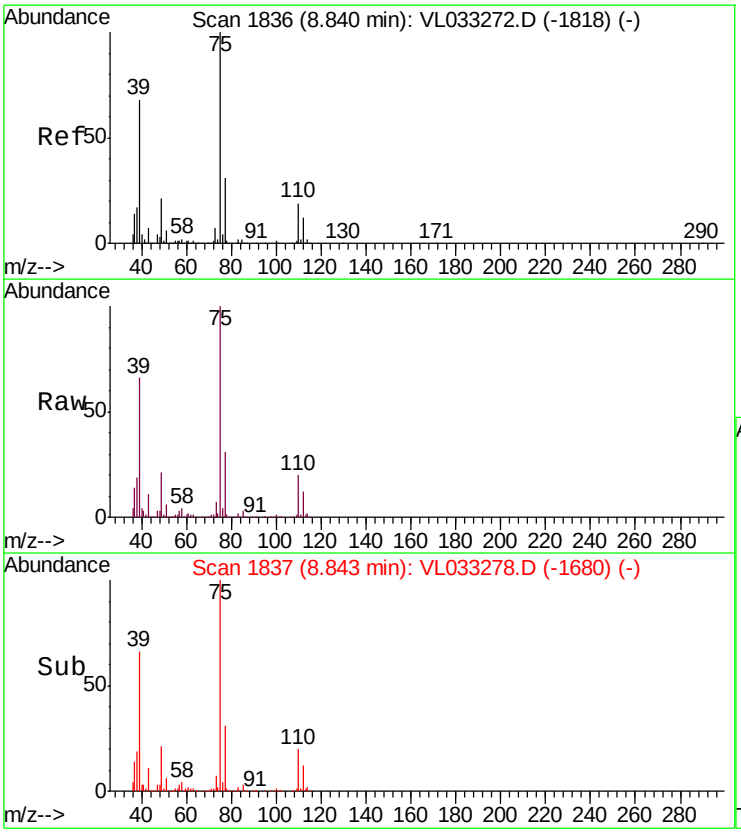
#45
t-1,3-Dichloropropene
Concen: 18.241 ppbv
RT: 9.42 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1544064

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.4	36.6

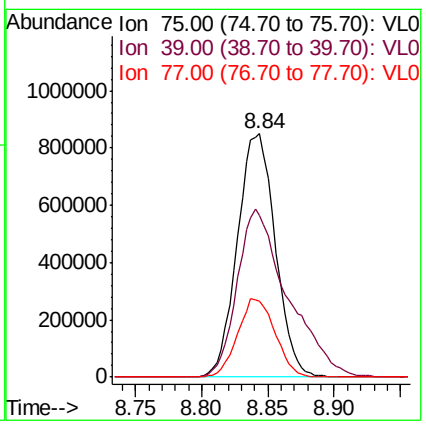


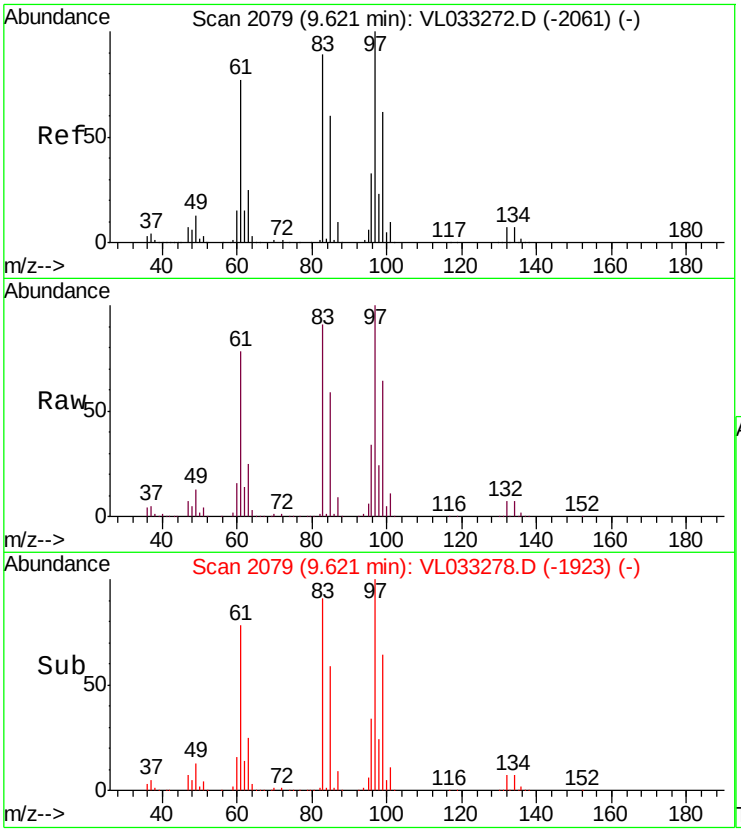


#46
cis-1,3-Dichloropropene
Concen: 16.988 ppbv
RT: 8.84 min Scan# 1837
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 75 Resp: 1694418

Ion	Ratio	Lower	Upper
75	100		
39	66.4	54.2	81.2
77	31.2	24.5	36.7



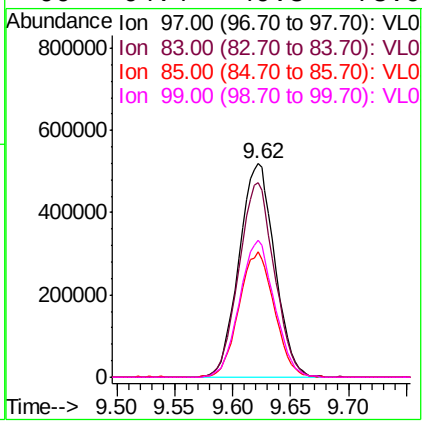


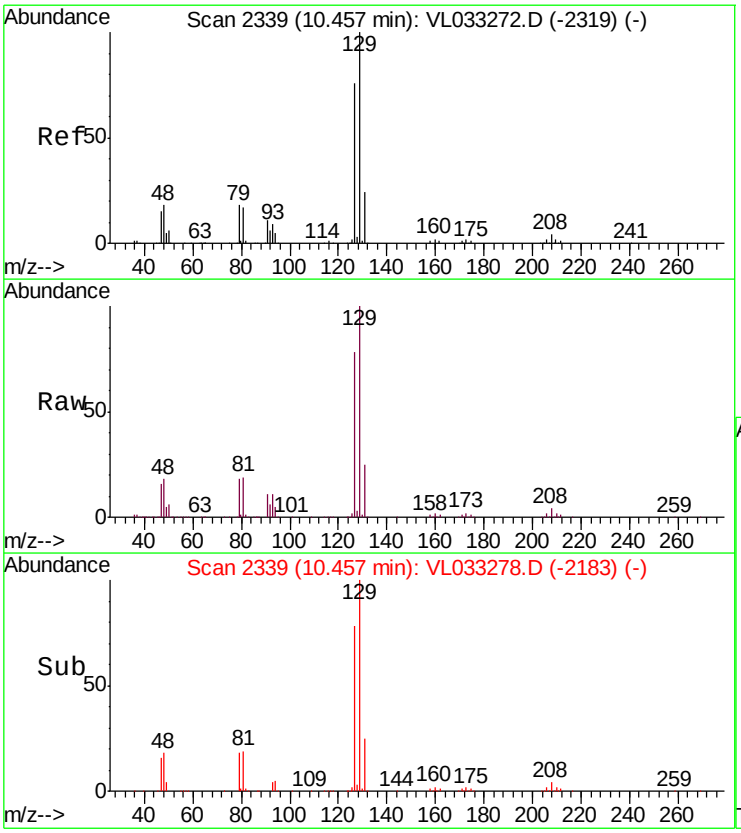
#47
1,1,2-Trichloroethane
Concen: 15.156 ppbv
RT: 9.62 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1112653

Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.0	106.4
85	58.6	48.2	72.4
99	64.4	49.3	73.9

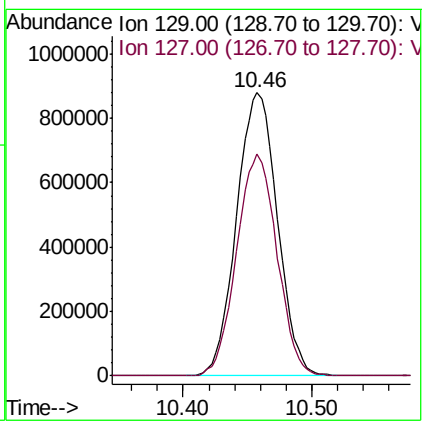


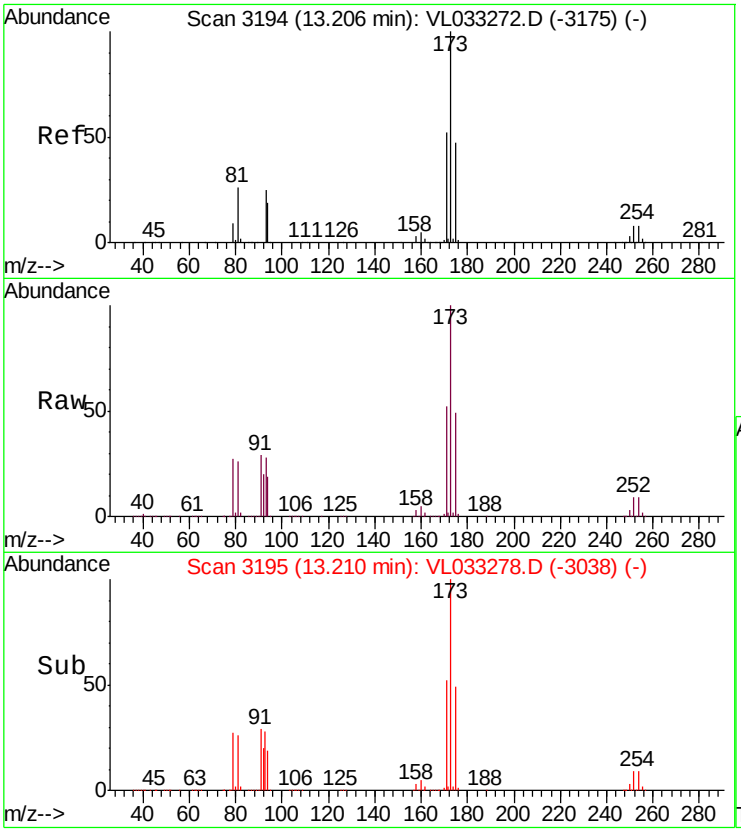


#48
Dibromochloromethane
Concen: 16.132 ppbv
RT: 10.46 min Scan# 2339
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:129 Resp: 1941234

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



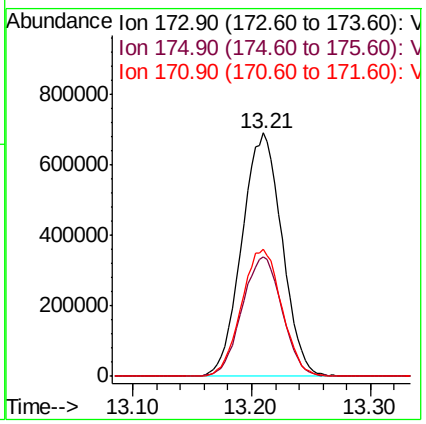


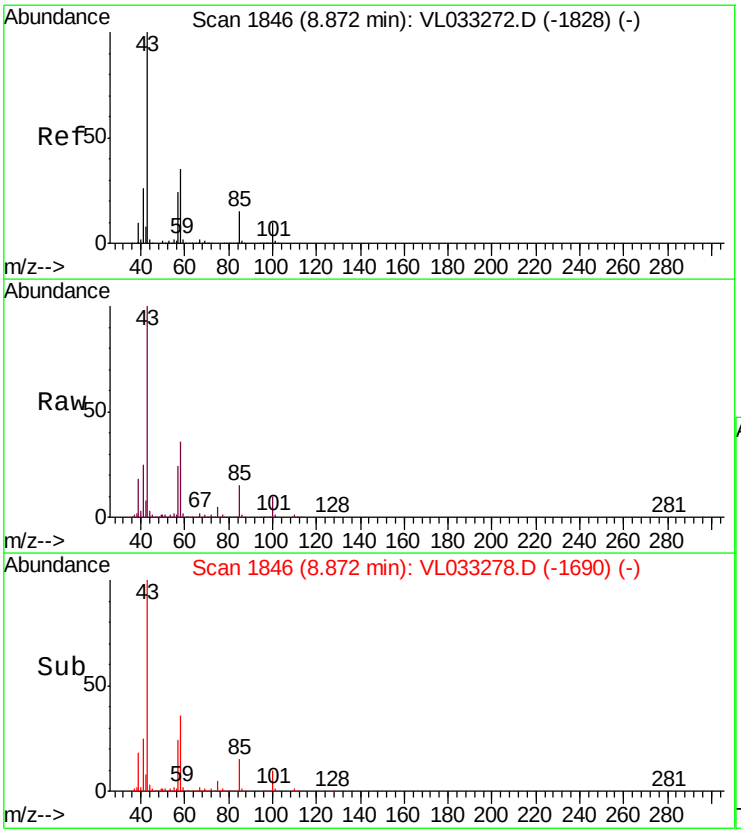
#49
Bromoform
Concen: 14.922 ppbv
RT: 13.21 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 1611245

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.0	58.6
171	52.4	41.2	61.8

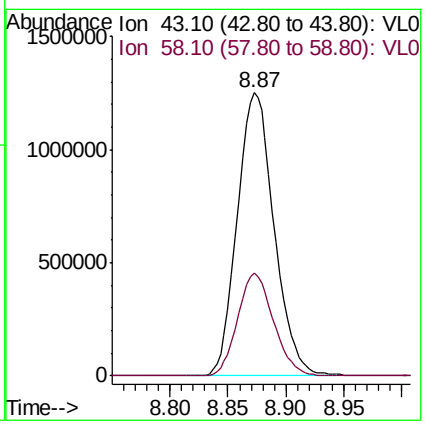


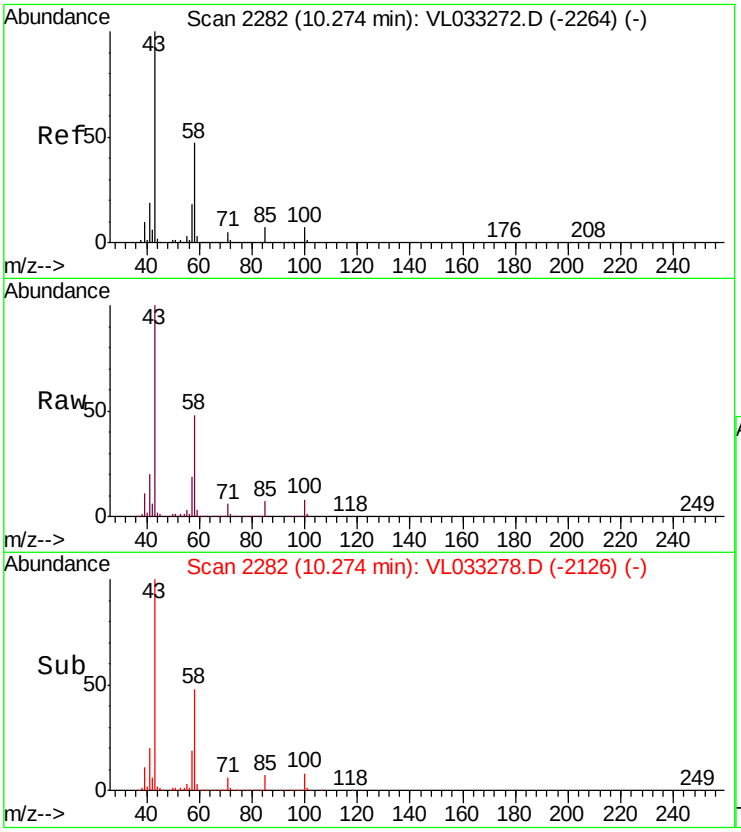


#50
4-Methyl-2-Pentanone
Concen: 14.995 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 43 Resp: 2769885

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.0	42.0



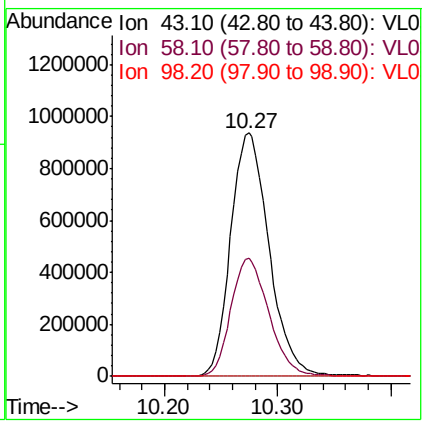


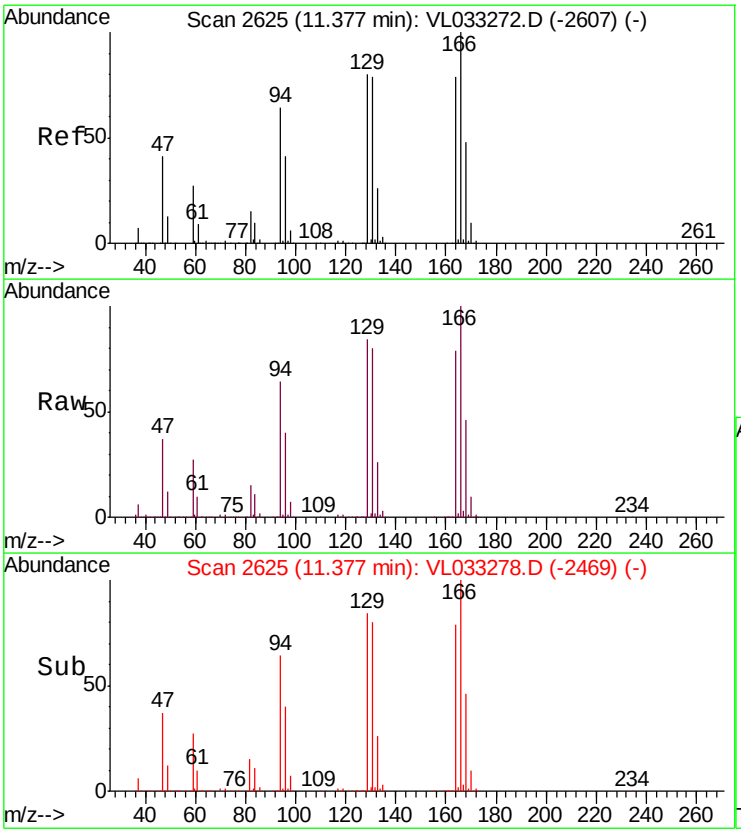
#51
2-Hexanone
Concen: 16.012 ppbv
RT: 10.27 min Scan# 2282
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2205212

Ion	Ratio	Lower	Upper
43	100		
58	48.3	38.1	57.1
98	0.2	0.1	0.1#

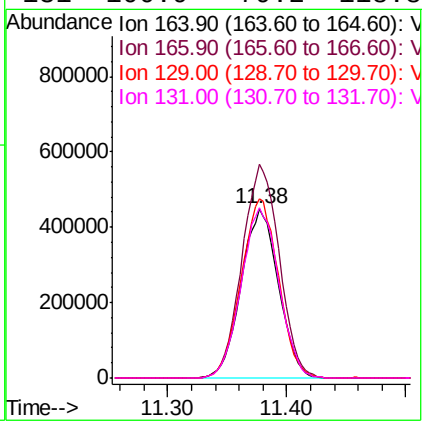


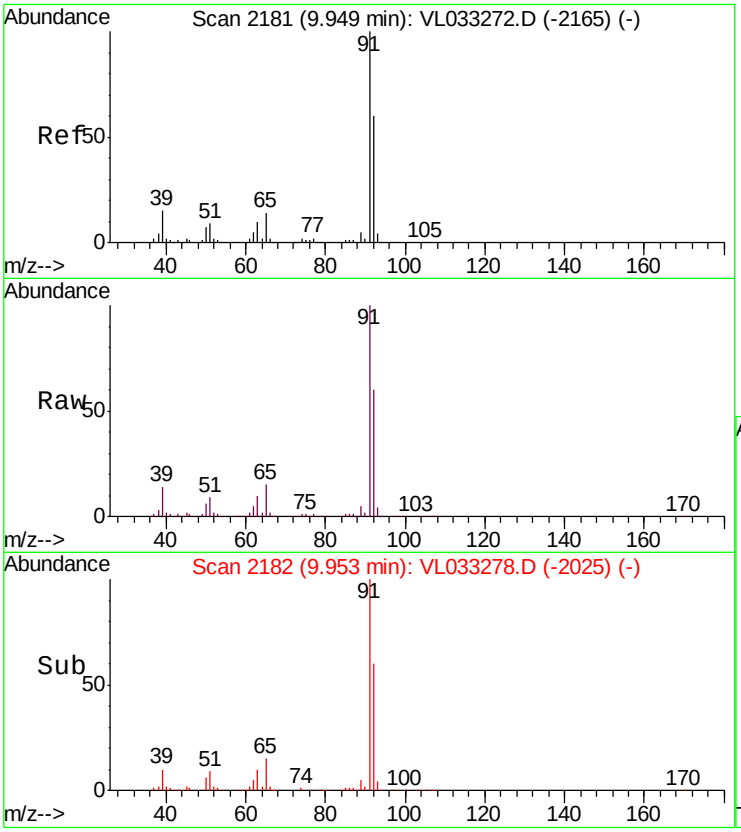


#52
Tetrachloroethene
Concen: 14.855 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:164 Resp: 970559

Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.8	151.2
129	105.9	80.6	121.0
131	100.9	79.2	118.8



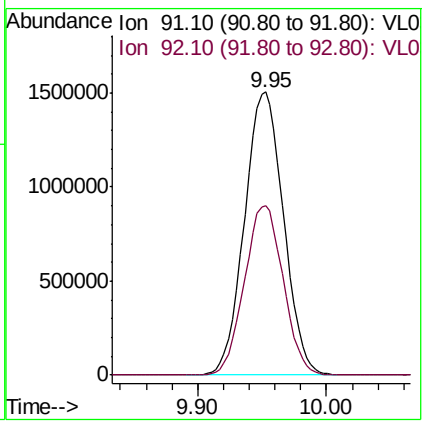


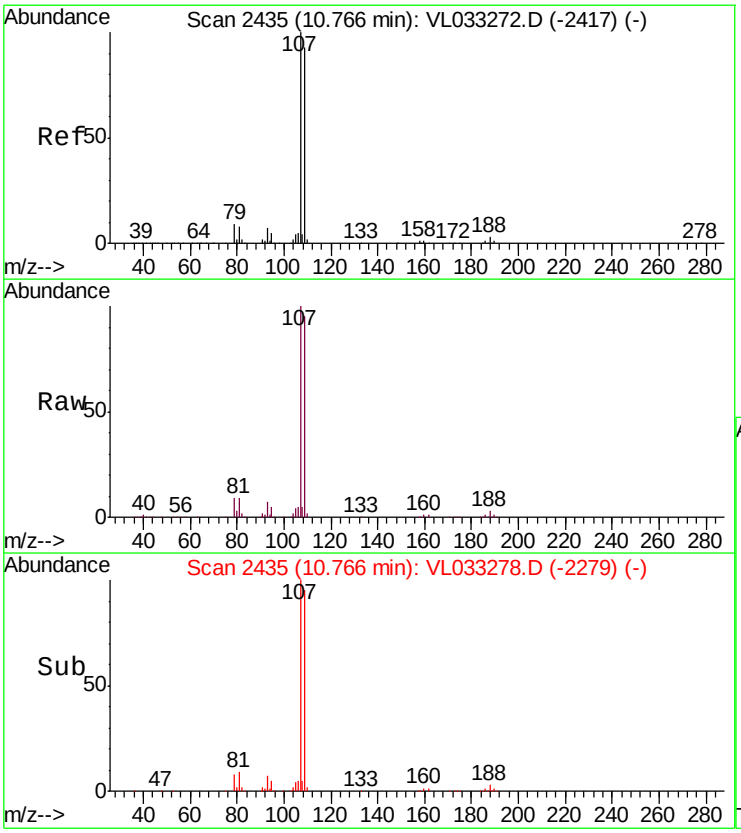
#53
Toluene
Concen: 15.891 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3173515

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.8	71.8

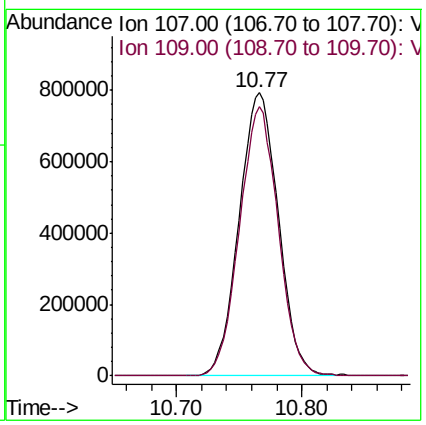


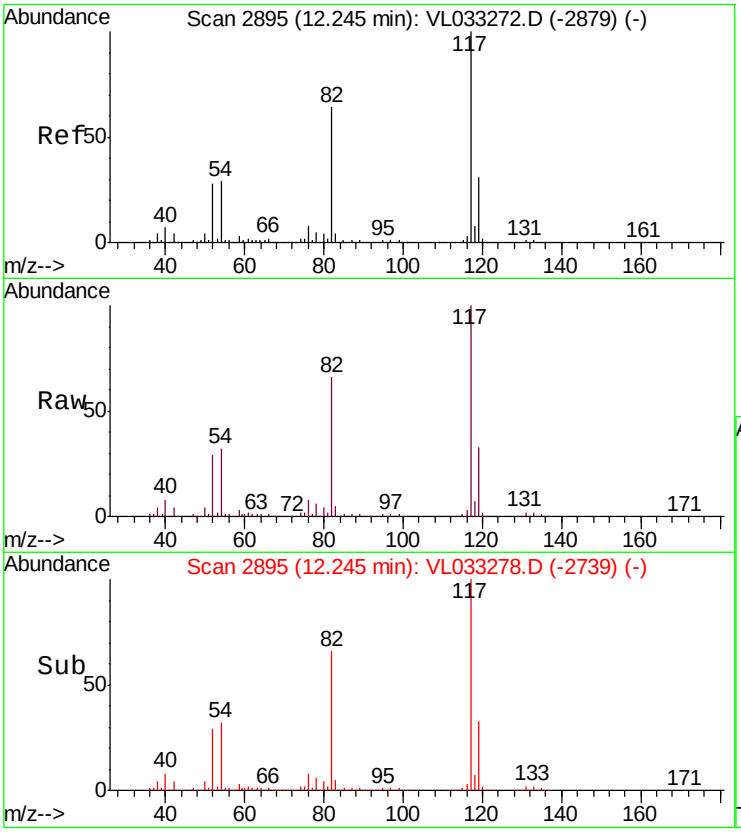


#54
1,2-Dibromoethane
Concen: 15.011 ppbv
RT: 10.77 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:107 Resp: 1728004

Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.2	111.2



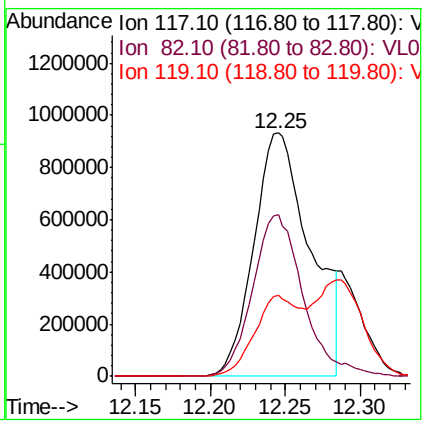


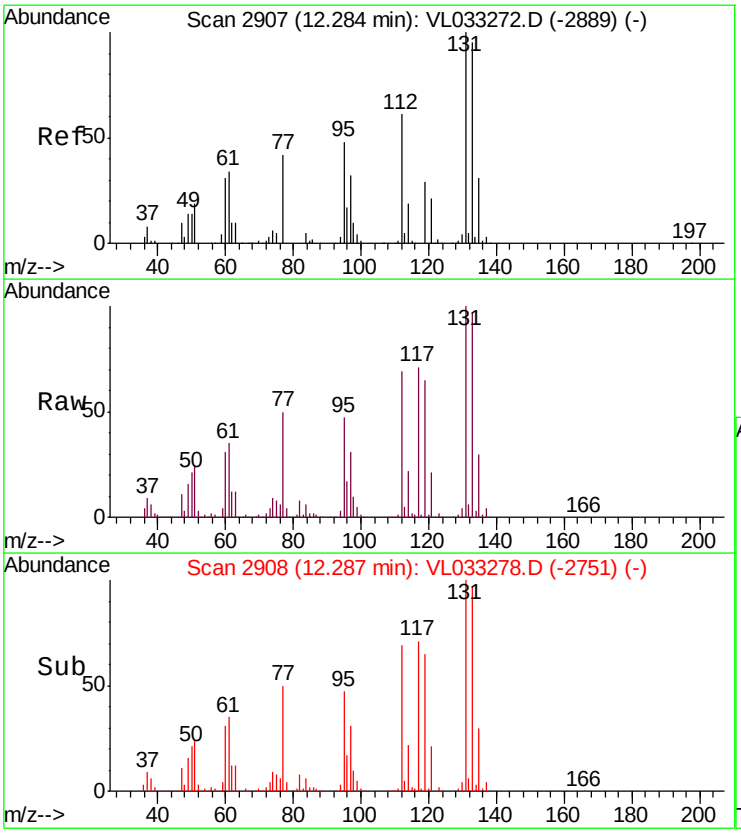
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2443680

Ion	Ratio	Lower	Upper
117	100		
82	59.8	51.1	76.7
119	25.9	43.6	65.4#

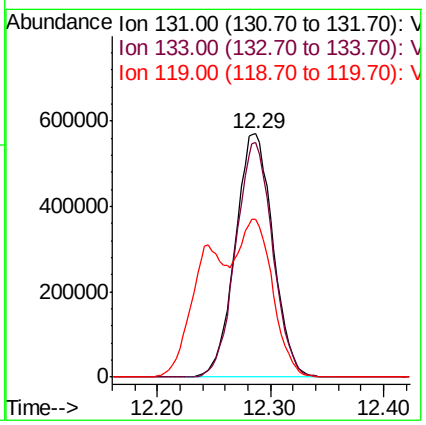


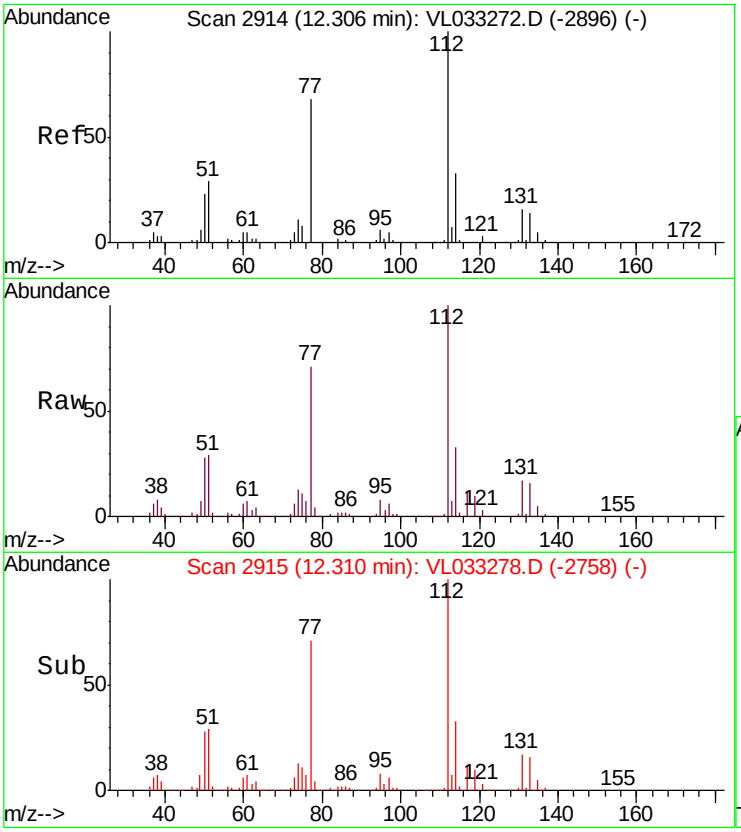


#56
1,1,1,2-Tetrachloroethane
Concen: 12.925 ppbv
RT: 12.29 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:131 Resp: 1320266

Ion	Ratio	Lower	Upper
131	100		
133	94.8	76.2	114.4
119	68.6	110.3	165.5#



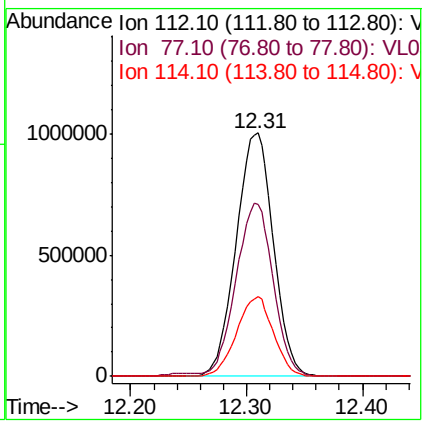


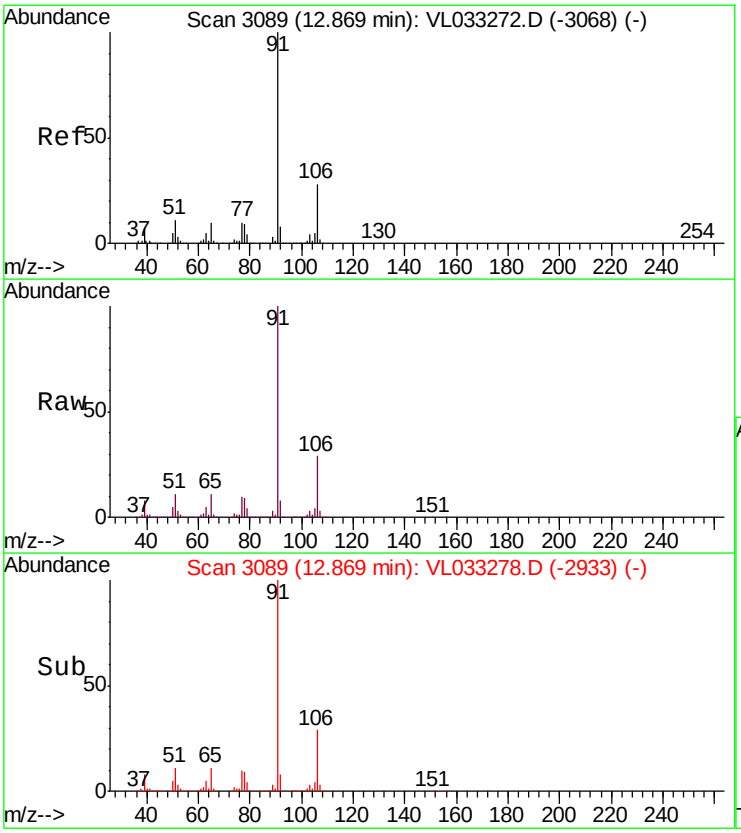
#57
Chlorobenzene
Concen: 12.483 ppbv
RT: 12.31 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:112 Resp: 2243616

Ion	Ratio	Lower	Upper
112	100		
77	70.3	55.8	83.8
114	32.8	29.5	36.1

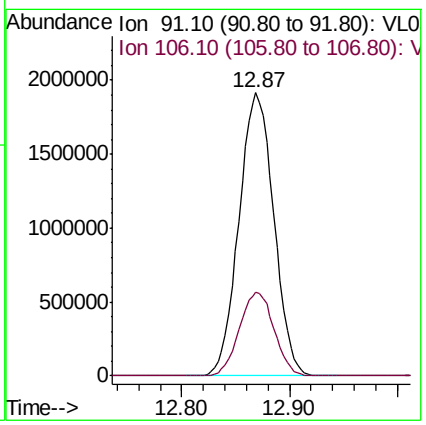


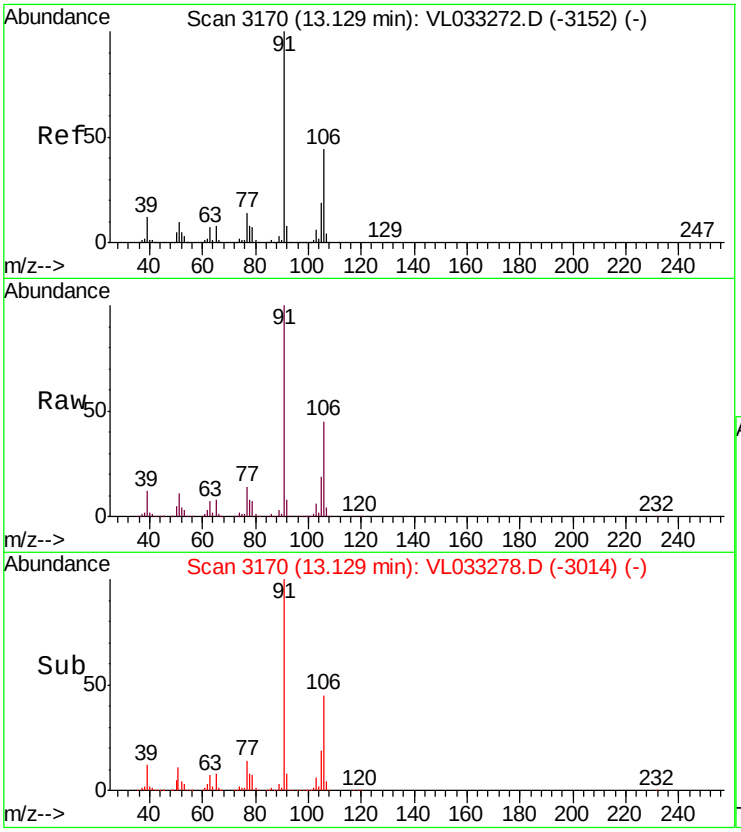


#58
Ethyl Benzene
Concen: 12.978 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 91 Resp: 4302958

Ion	Ratio	Lower	Upper
91	100		
106	29.5	22.5	33.7



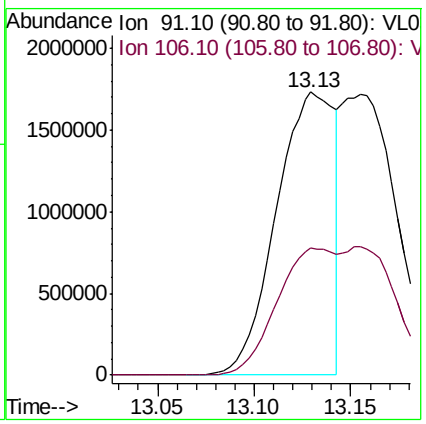


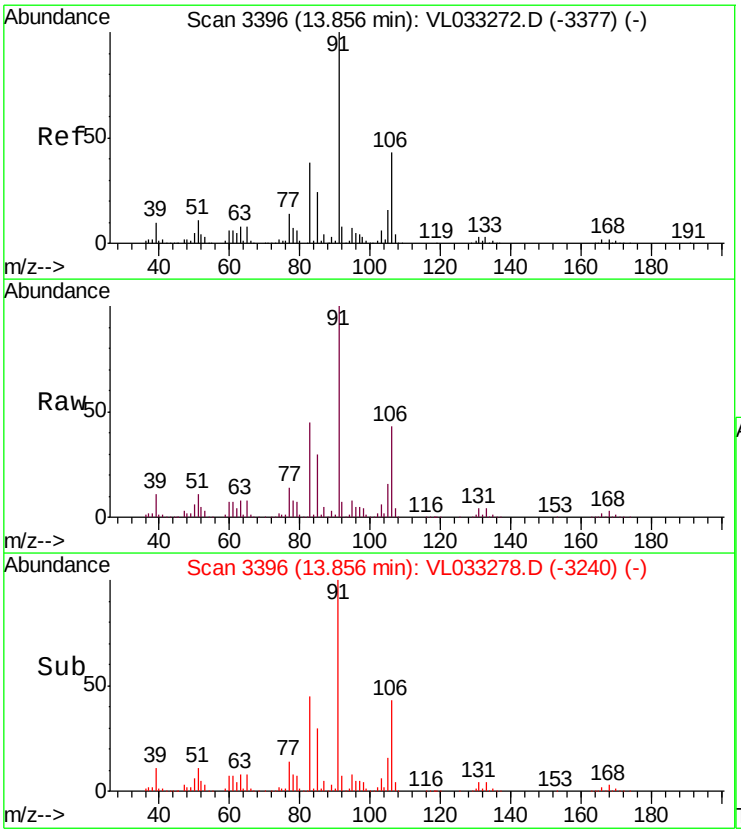
#59
m/p-Xylene
Concen: 12.037 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3607608

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.5	53.3#

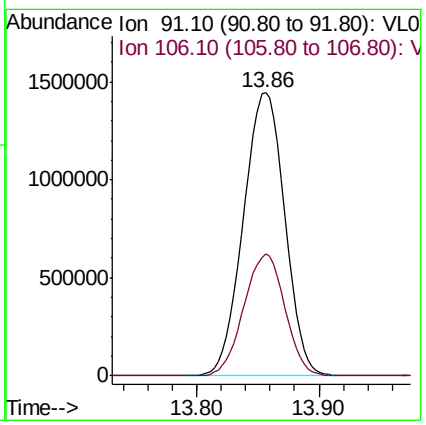


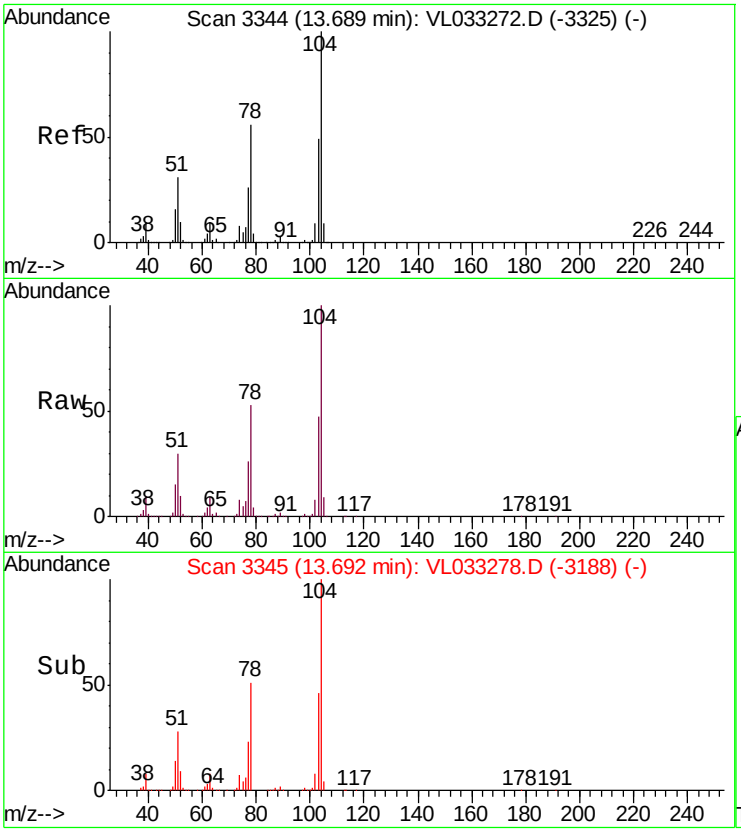


#60
o-Xylene
Concen: 11.723 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 91 Resp: 3390884

Ion	Ratio	Lower	Upper
91	100		
106	42.7	21.3	63.7



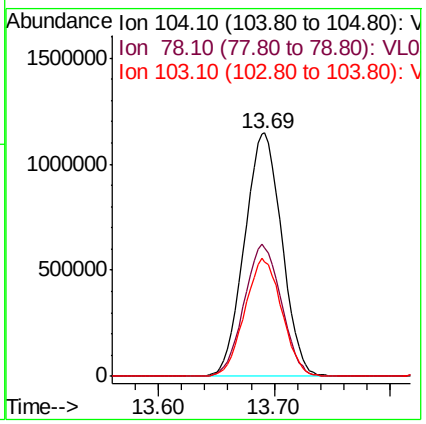


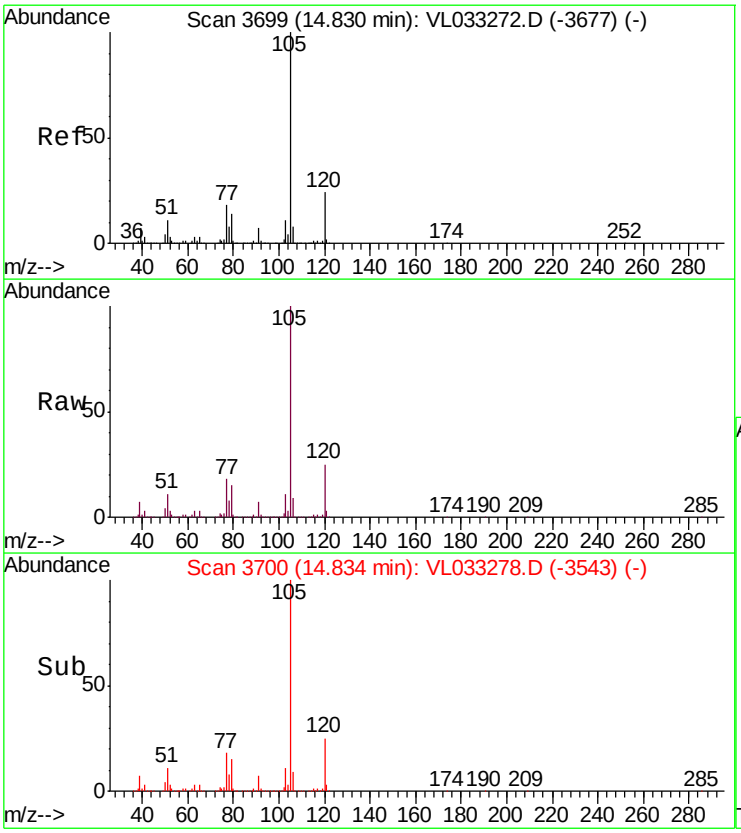
#61
Styrene
Concen: 13.010 ppbv
RT: 13.69 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 2569259

Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.3	64.9
103	48.0	38.0	57.0

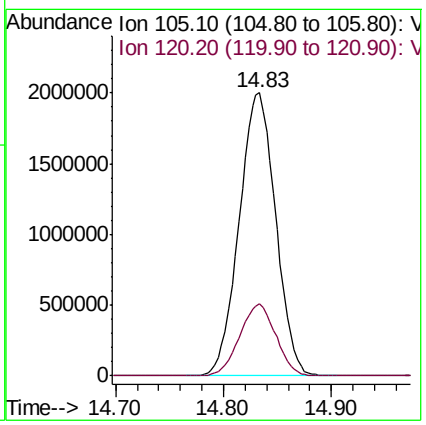


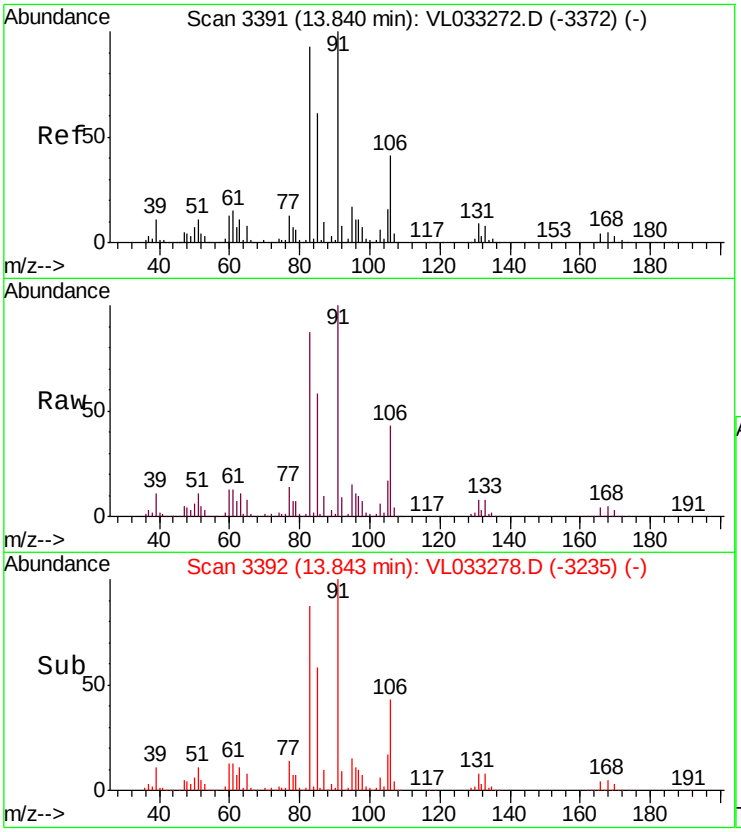


#62
Isopropylbenzene
Concen: 12.178 ppbv
RT: 14.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:105 Resp: 4700908

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.0	30.0



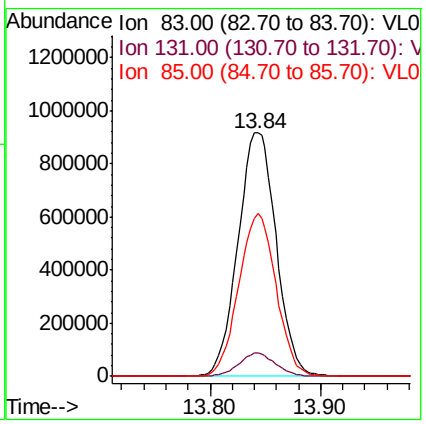


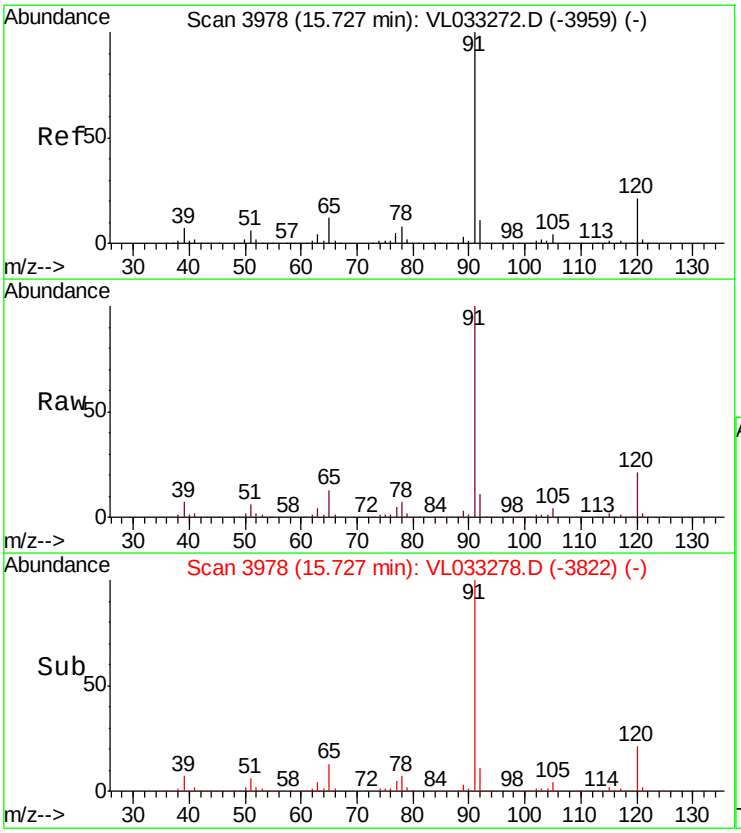
#63
1,1,2,2-Tetrachloroethane
Concen: 11.804 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2200781

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	65.6	32.2	96.6

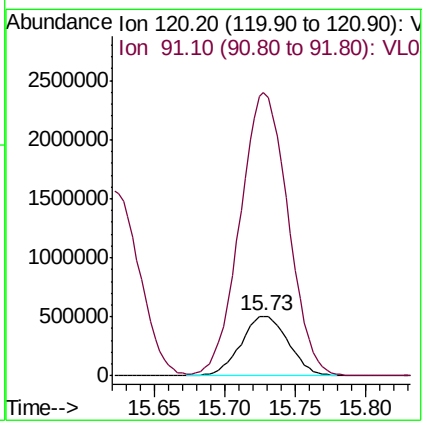


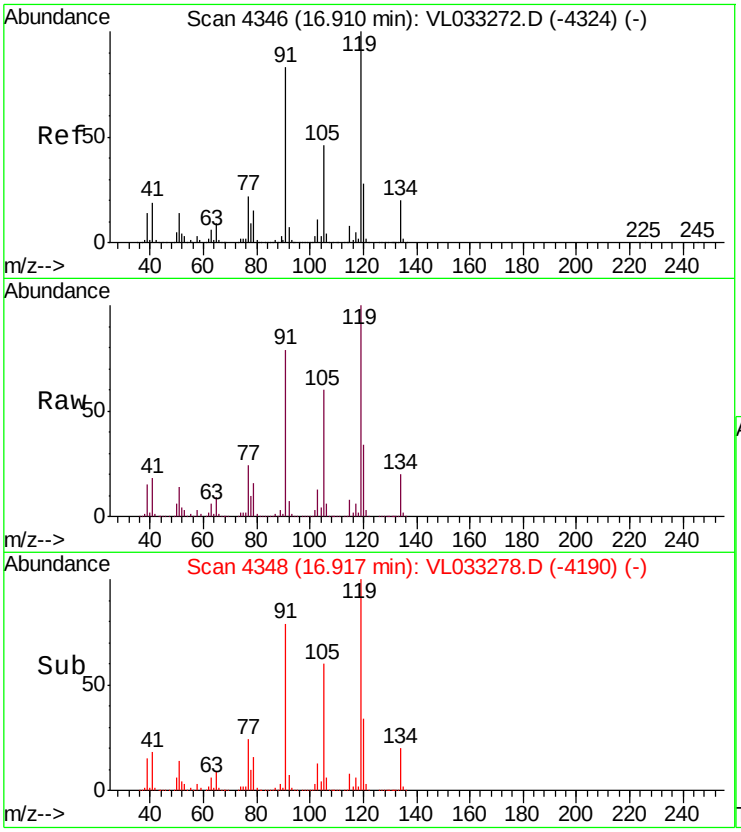


#64
n-propylbenzene
Concen: 12.603 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:120 Resp: 1191843

Ion	Ratio	Lower	Upper
120	100		
91	481.4	385.8	578.8



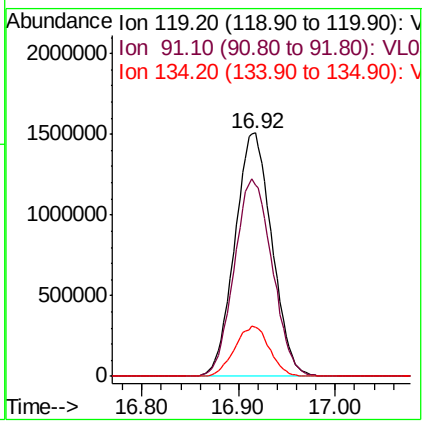


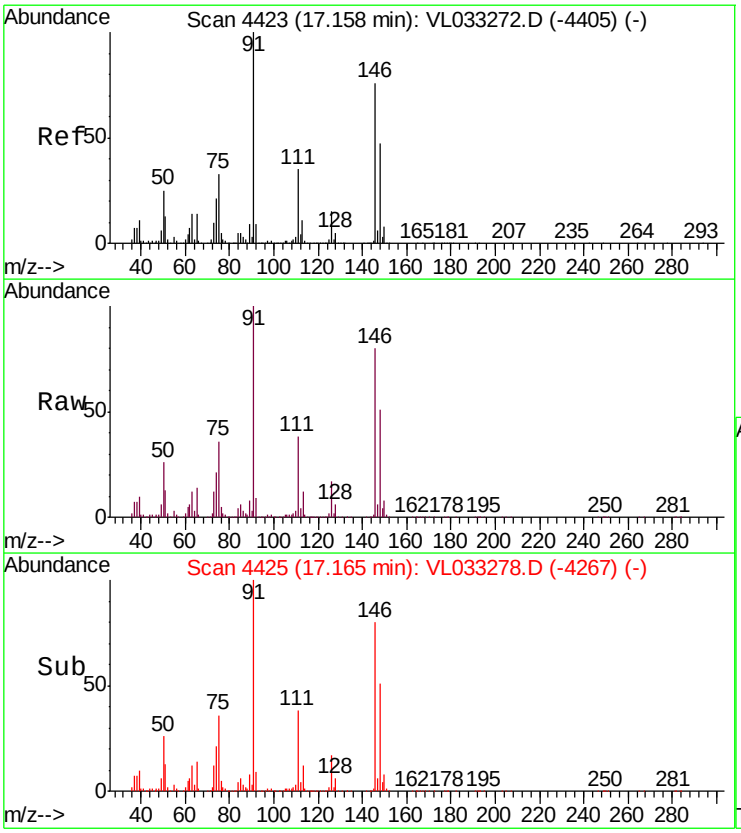
#65
tert-Butylbenzene
Concen: 12.348 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. 0.01 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 4012747

Ion	Ratio	Lower	Upper
119	100		
91	83.1	67.3	100.9
134	19.5	15.4	23.2

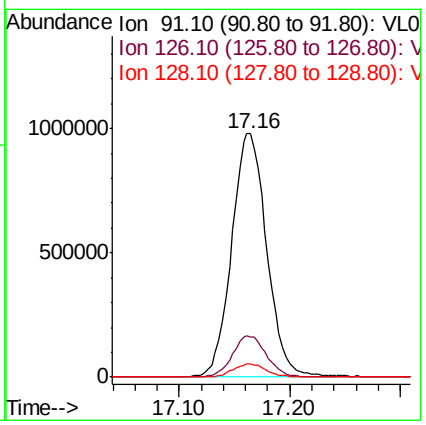


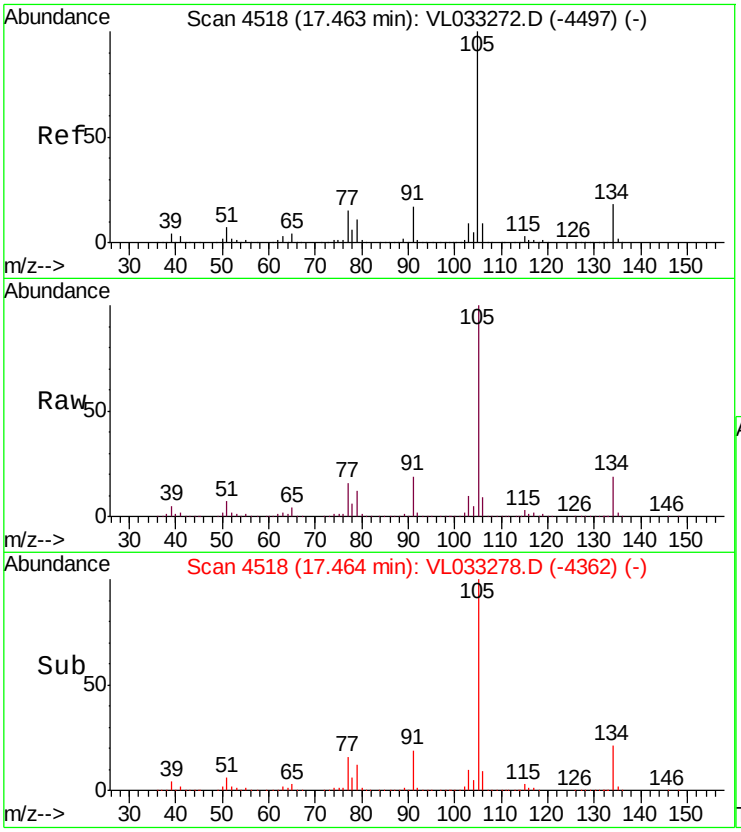


#66
Benzyl Chloride
Concen: 17.752 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. 0.01 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 91 Resp: 2149621

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.0	19.6
128	5.2	4.3	6.5



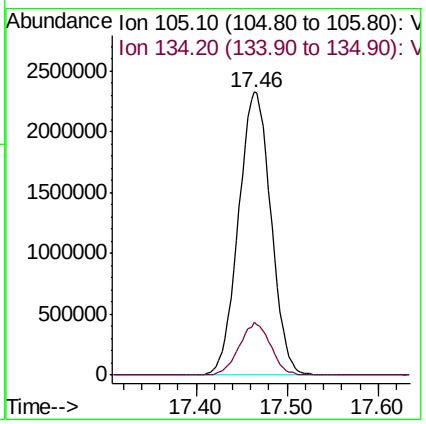


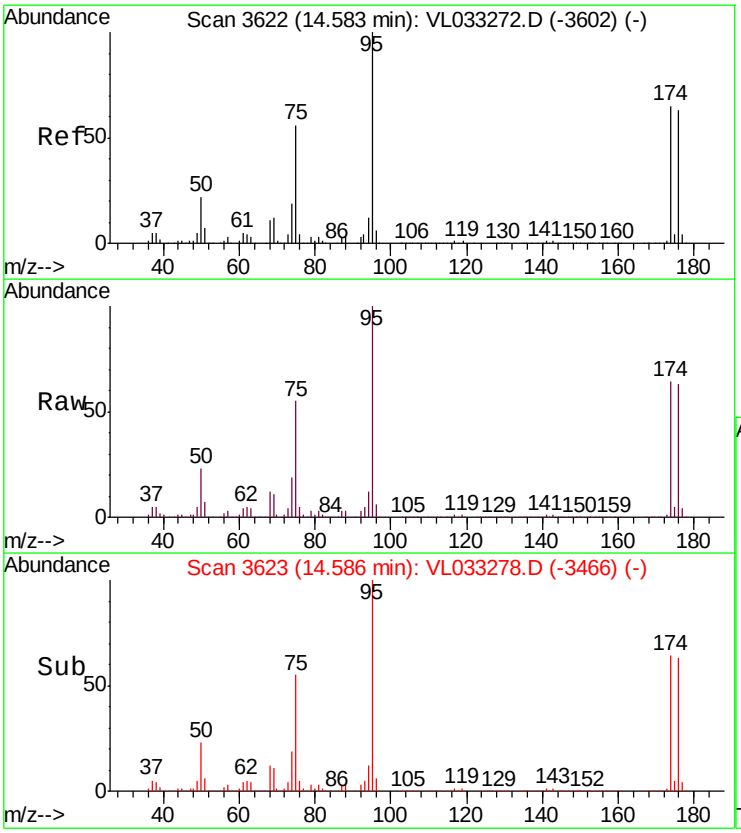
#67
sec-Butylbenzene
Concen: 12.488 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5757787

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.2	21.2

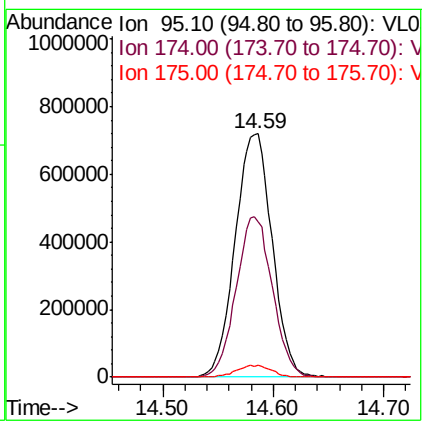


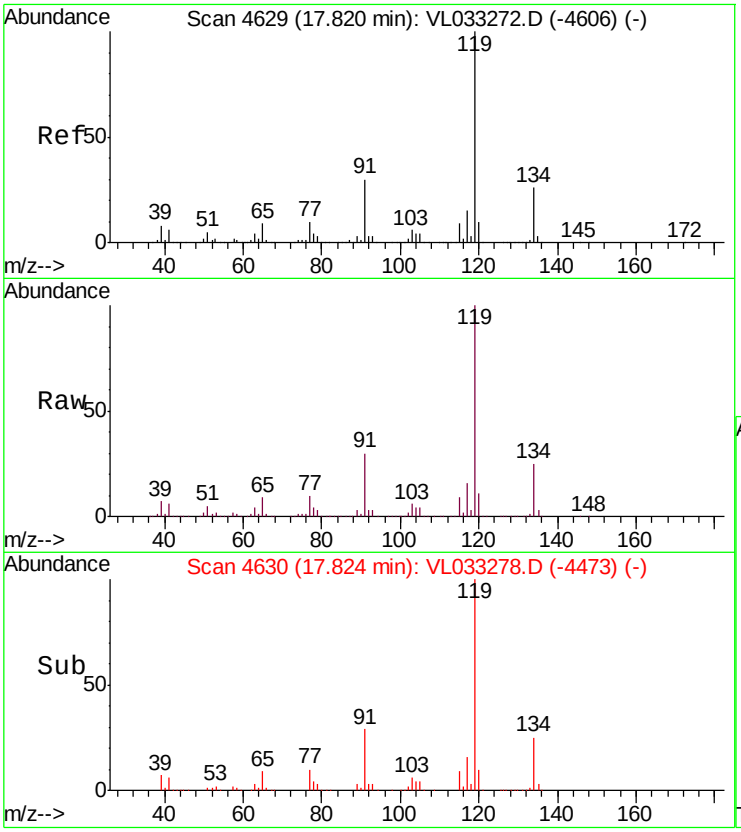


#68
1-Bromo-4-Fluorobenzene
Concen: 8.554 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 95 Resp: 1673084

Ion	Ratio	Lower	Upper
95	100		
174	64.7	51.7	77.5
175	4.6	3.7	5.5



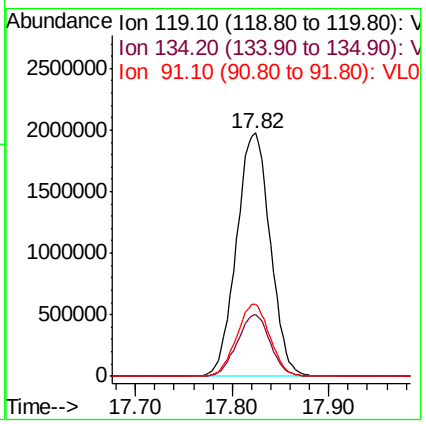


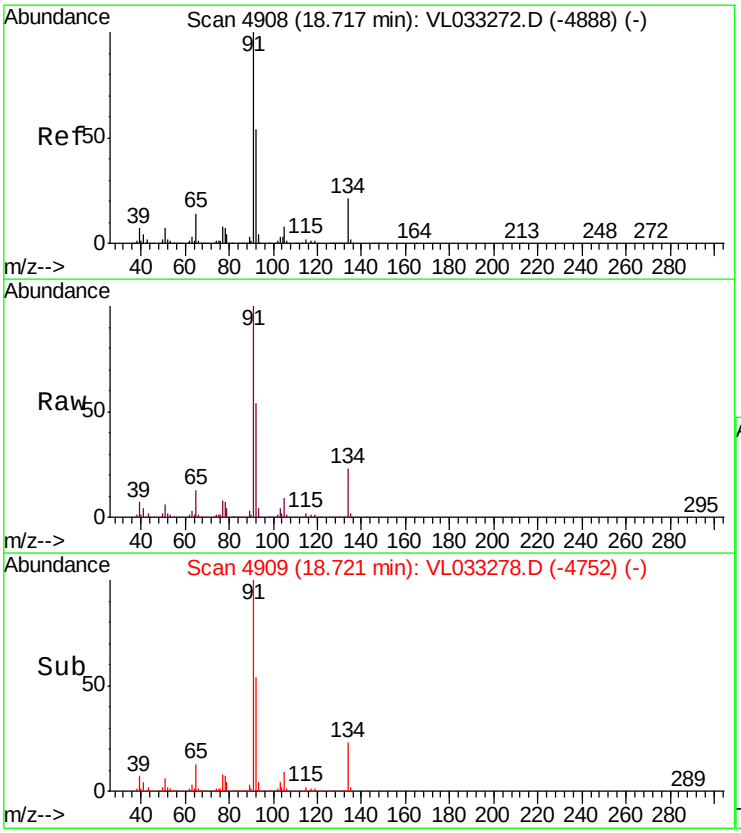
#69
p-Isopropyltoluene
Concen: 12.763 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 4782183

Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.7	29.5
91	29.4	23.5	35.3

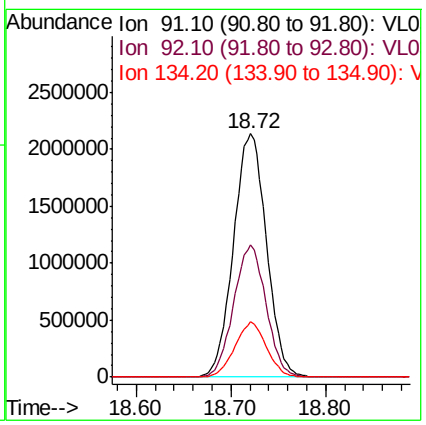


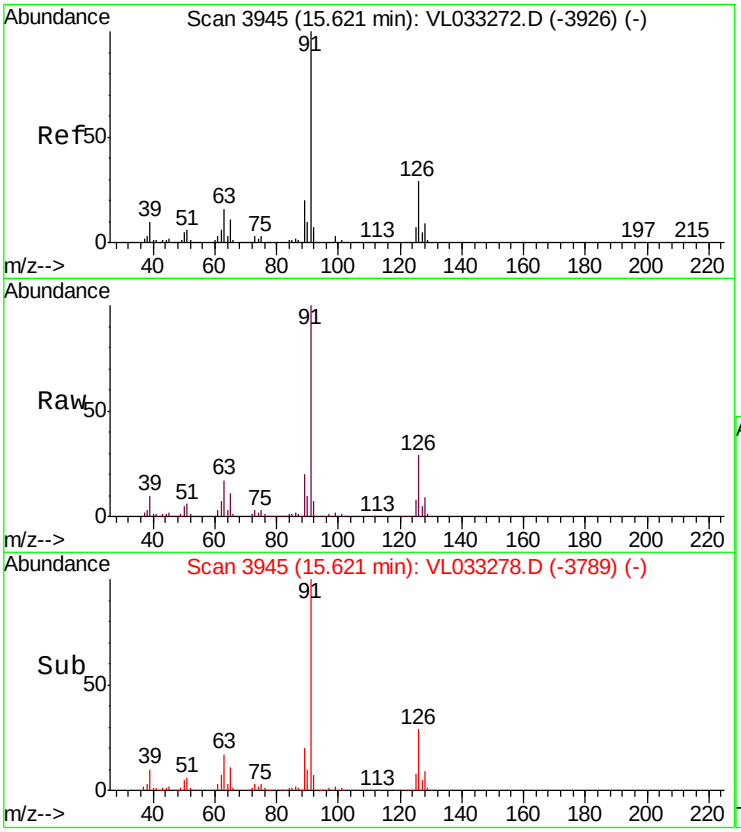


#70
n-Butylbenzene
Concen: 12.725 ppbv
RT: 18.72 min Scan# 4909
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 91 Resp: 5166728

Ion	Ratio	Lower	Upper
91	100		
92	53.3	42.4	63.6
134	21.8	17.1	25.7



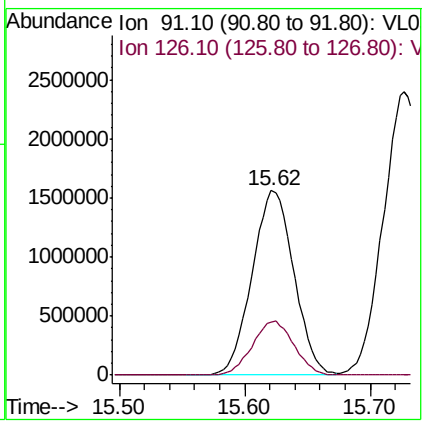


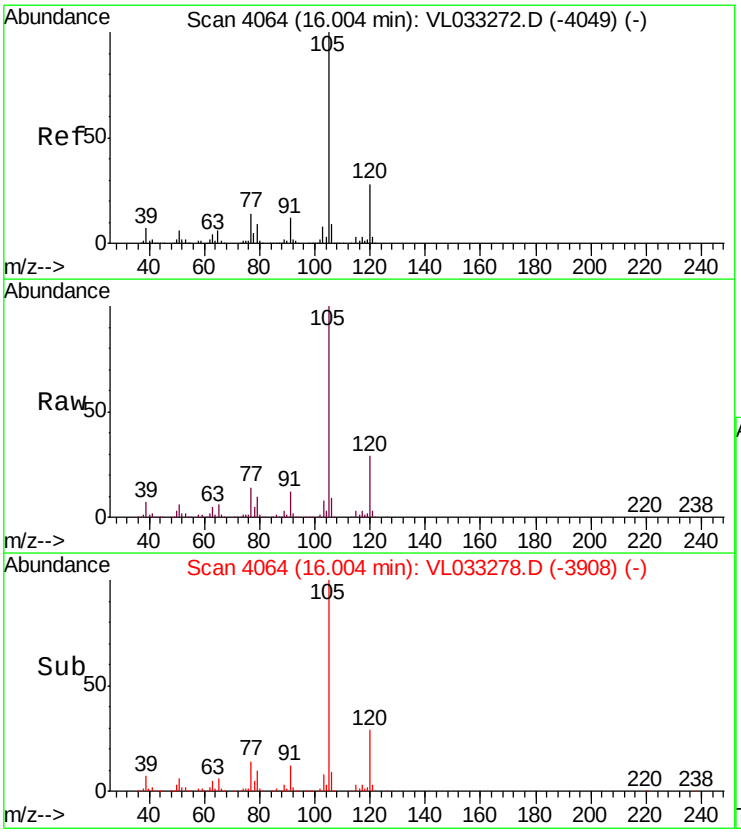
#71
2-Chlorotoluene
Concen: 12.557 ppbv
RT: 15.62 min Scan# 3945
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3622273

Ion	Ratio	Lower	Upper
91	100		
126	29.2	11.7	46.7

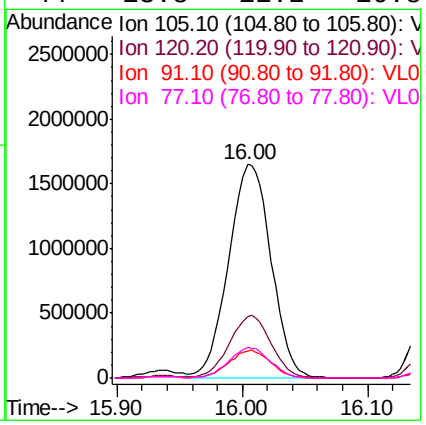


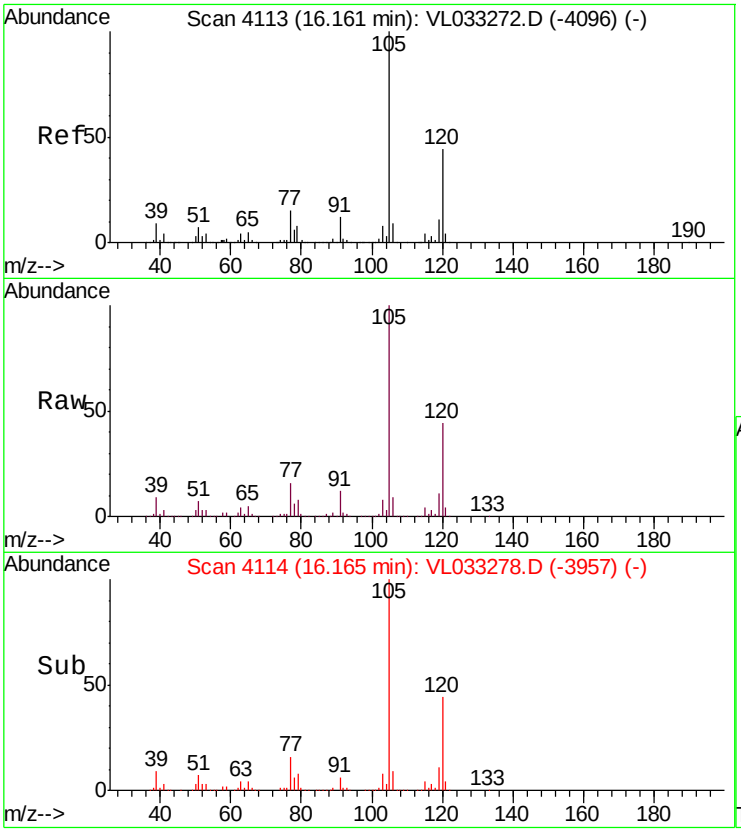


#72
4-Ethyltoluene
Concen: 12.915 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:105 Resp: 3883897

Ion	Ratio	Lower	Upper
105	100		
120	28.7	22.9	34.3
91	12.8	10.2	15.2
77	13.8	11.2	16.8



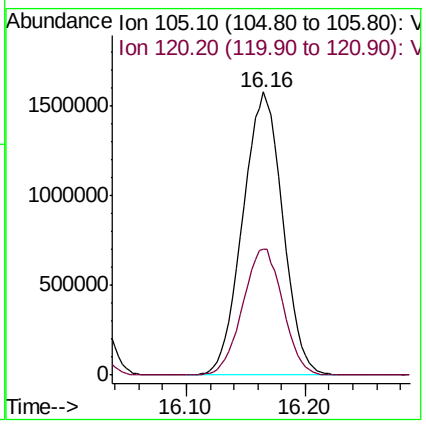


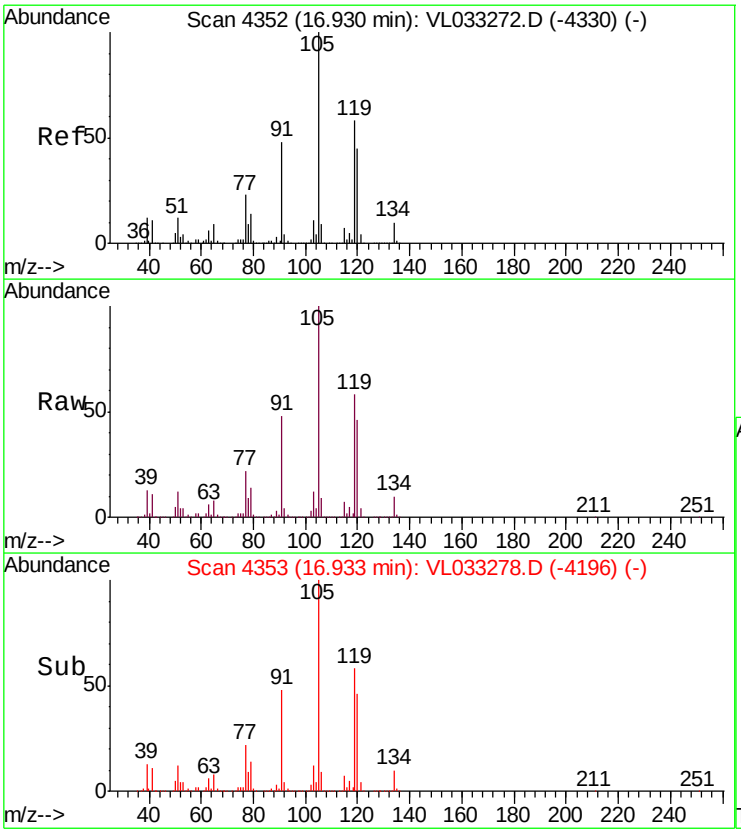
#73
1,3,5-Trimethylbenzene
Concen: 12.776 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3659393

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.1	52.7

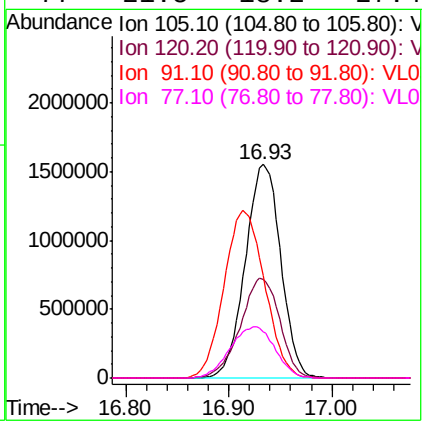


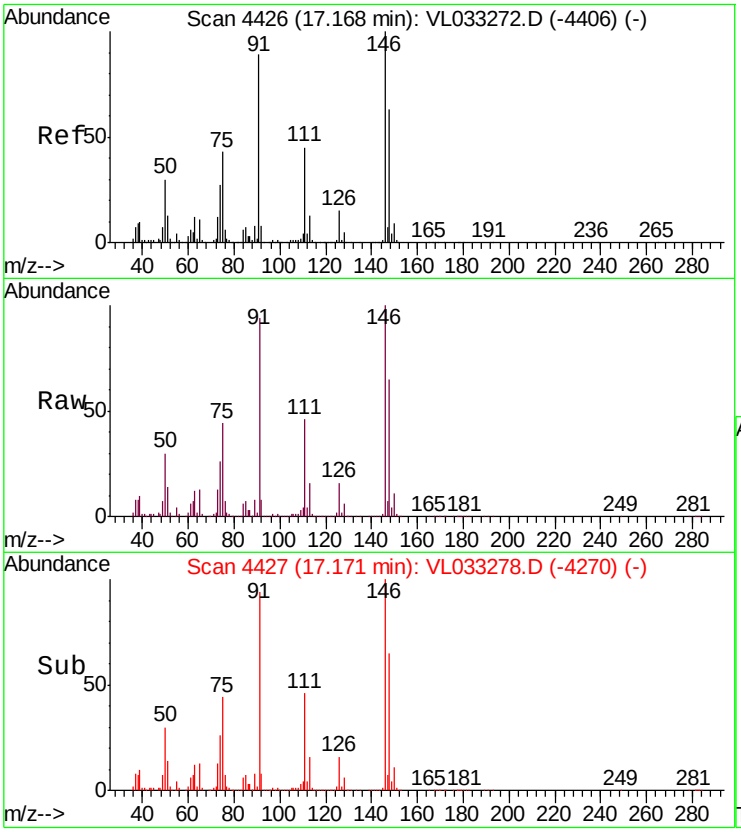


#74
1,2,4-Trimethylbenzene
Concen: 12.409 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:105 Resp: 3704897

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.1	54.1
91	47.6	38.6	58.0
77	21.5	18.2	27.4



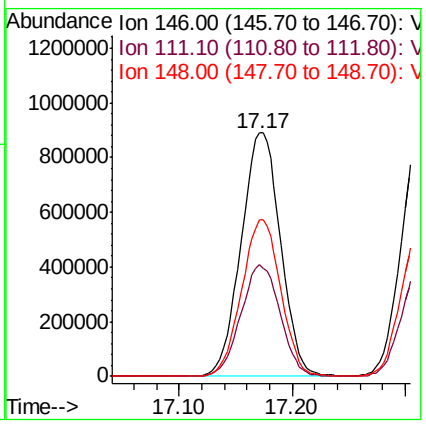


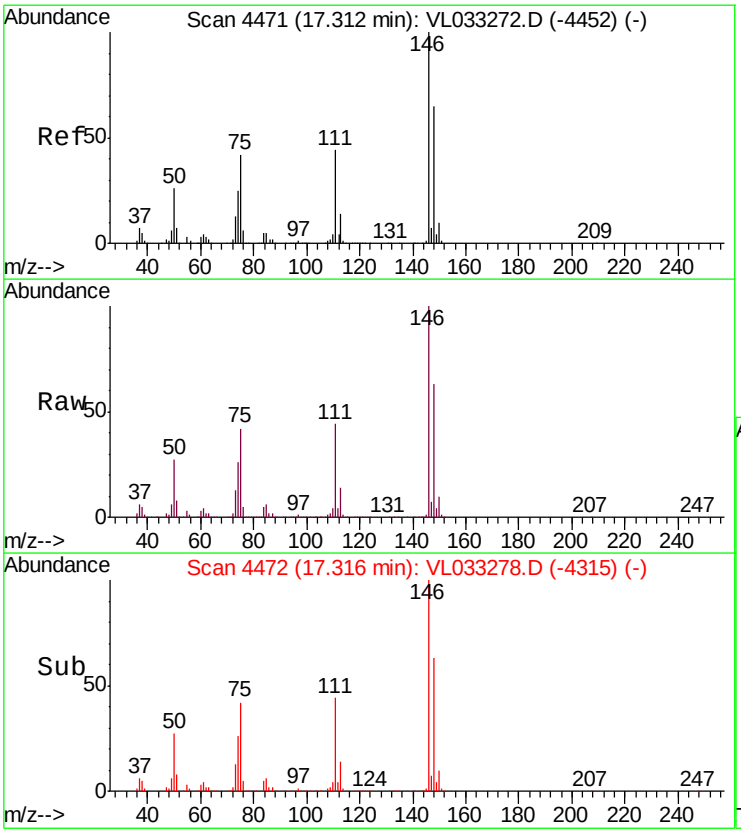
#75
1,3-Dichlorobenzene
Concen: 12.186 ppbv
RT: 17.17 min Scan# 4427
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2146927

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.8	68.4
148	64.1	31.8	95.3

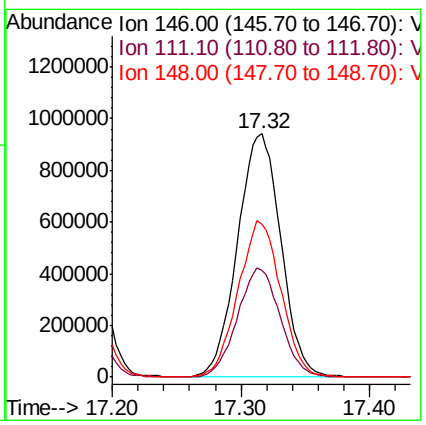


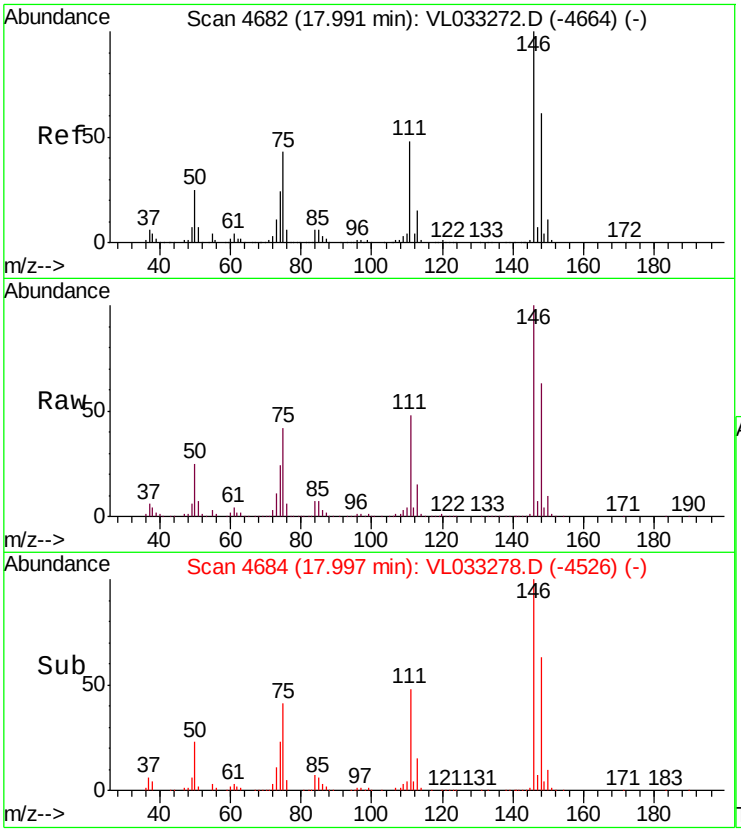


#76
1,4-Dichlorobenzene
Concen: 12.658 ppbv
RT: 17.32 min Scan# 4472
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:146 Resp: 2187823

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.1
148	63.9	31.8	95.3



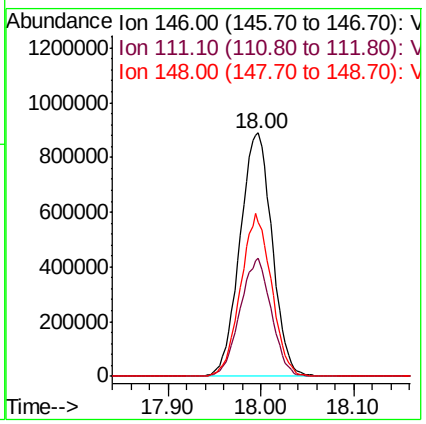


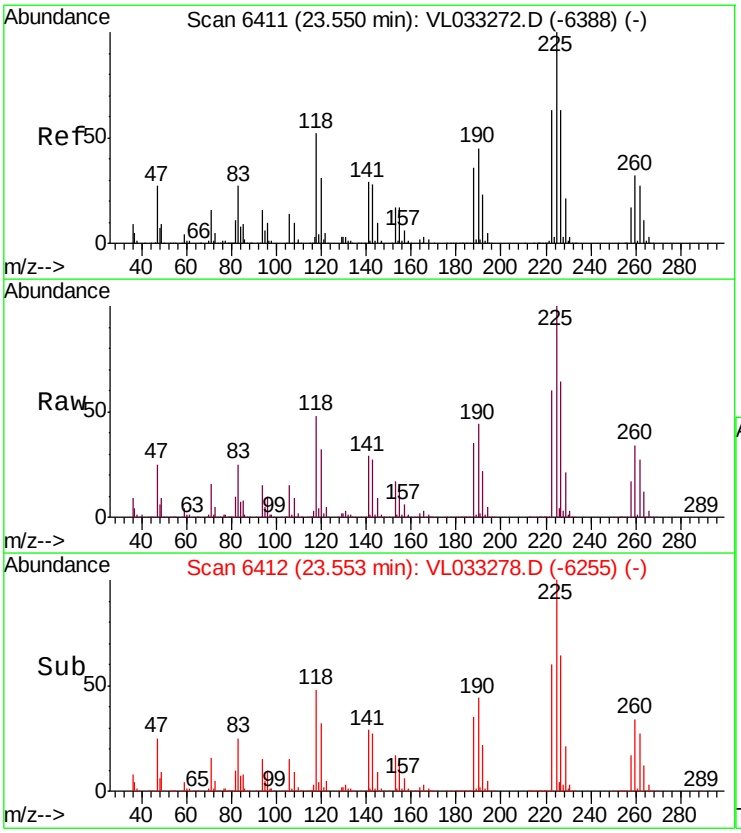
#77
1,2-Dichlorobenzene
Concen: 12.572 ppbv
RT: 18.00 min Scan# 4684
Delta R.T. 0.01 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2137966

Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.5	70.5
148	64.2	31.7	95.1

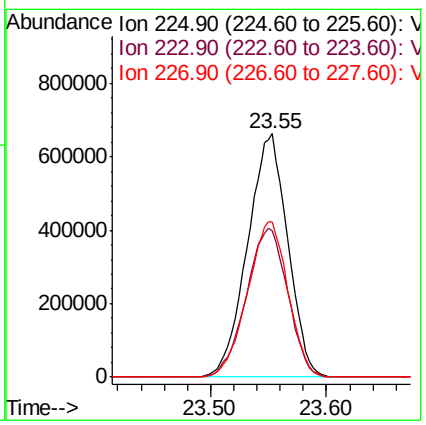


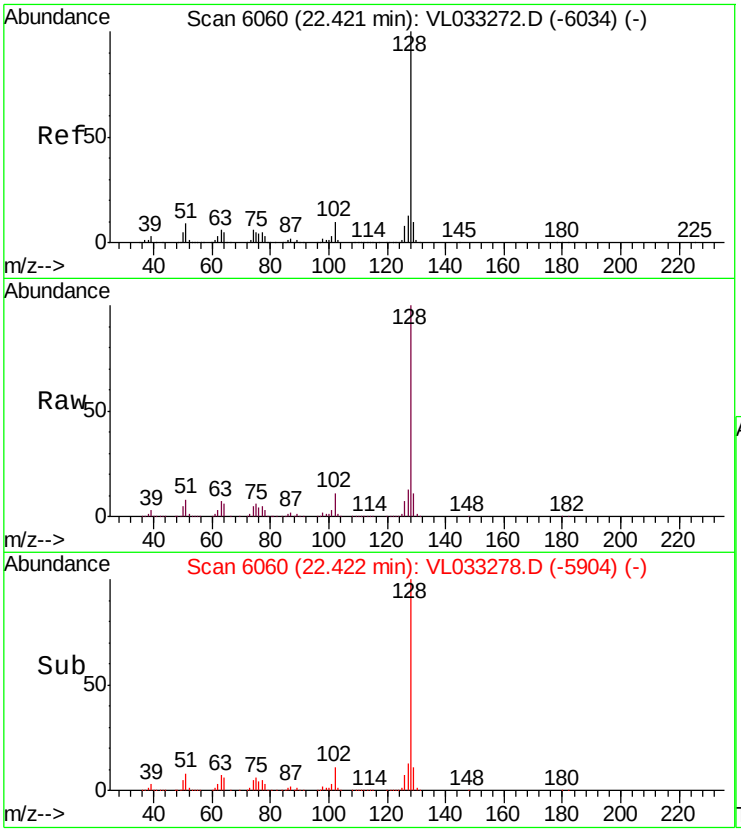


#78
Hexachloro-1,3-Butadiene
Concen: 12.367 ppbv
RT: 23.55 min Scan# 6412
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:225 Resp: 1593997

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	64.5	51.1	76.7



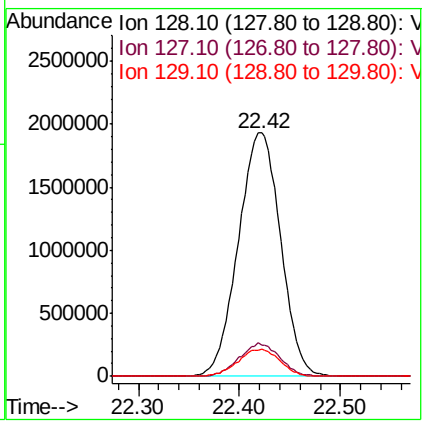


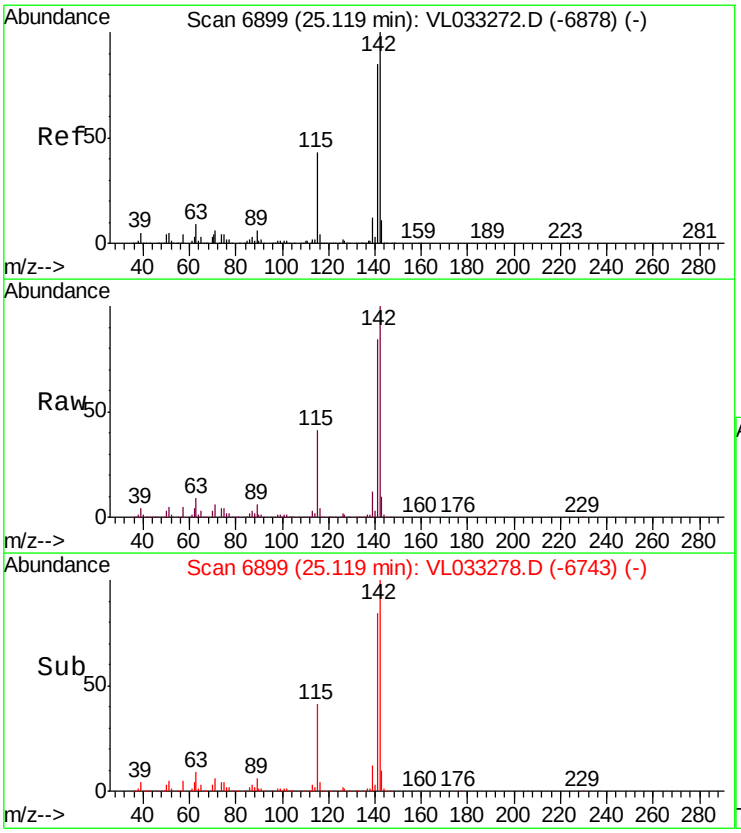
#79
Naphthalene
Concen: 17.200 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 5610199

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.3	8.4	12.6

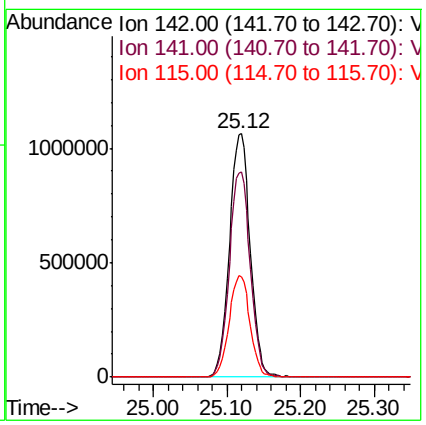


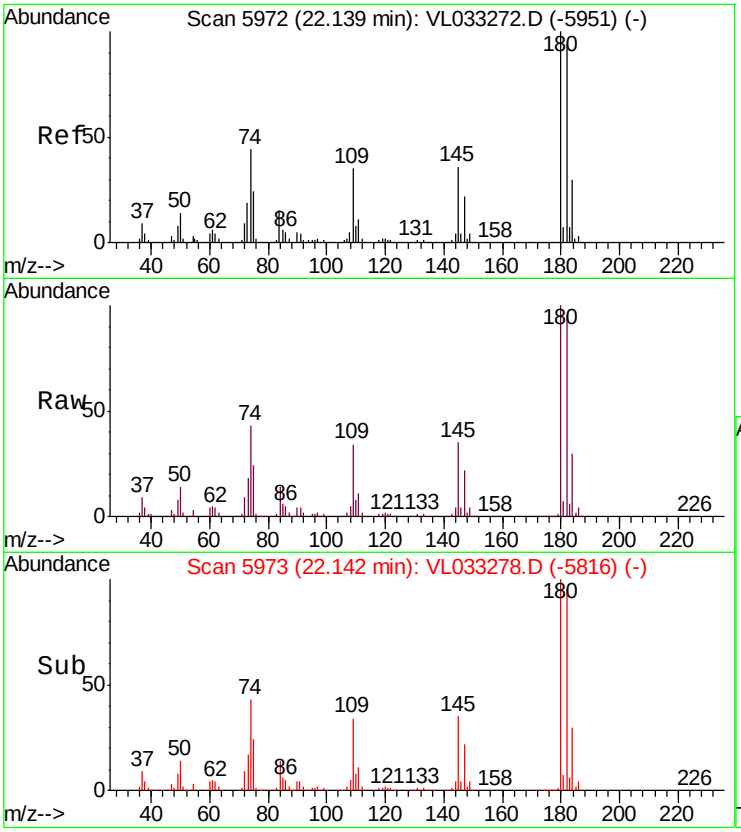


#80
Naphthalene,2-methyl-
Concen: 26.329 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Tgt Ion:142 Resp: 2077764

Ion	Ratio	Lower	Upper
142	100		
141	85.4	68.0	102.0
115	41.9	33.8	50.6





#81
1,2,4-Trichlorobenzene
Concen: 15.334 ppbv
RT: 22.14 min Scan# 5973
Delta R.T. 0.00 min
Lab File: VL033278.D
Acq: 12 Mar 2019 6:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2584443

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	114.8
184	30.8	24.2	36.4