Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032372.D
Acq On : 16 Aug 2018 5:16
Operator : SY/AP
Sample : J4457-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Quant Time: Aug 16 05:52:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.82	49	1643785	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.35	114	3525029	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.31	117	3409188	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.65	95	2515573	9.67	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	12789	Below Cal			97
3) Chlorodifluoromethane	3.05	51	20648	0.136	ppbv	#	61
4) Chloromethane	3.21	50	103032	1.137	ppbv		98
7) Chloroethane	3.65	64	1312	0.043	ppbv	#	80
9) Propene	3.07	41	2967160	45.530	ppbv		95
10) Heptane	8.31	43	460429	2.346	ppbv		100
11) Trichlorofluoromethane	4.05	101	65025	0.354	ppbv		96
13) Ethanol	4.14	45	52870495	3158.775	ppbv	#	36
15) Acetone	3.94	43	9469800	60.636	ppbv		94
16) 1,3-Butadiene	3.38	39	2187306	33.922	ppbv	#	12
17) tert-Butyl alcohol	4.25	59	1056976	40.334	ppbv	#	74
19) Isopropyl Alcohol	4.14	45	113729895	1081.433	ppbv	#	96
20) Methylene Chloride	4.46	84	138515	2.348	ppbv		97
21) Allyl Chloride	4.51	41	64749	0.657	ppbv	#	23
22) trans-1,2-Dichloroethene	5.02	96	6438	0.111	ppbv		82
23) Vinyl Acetate	5.19	43	1558500	5.779	ppbv	#	63
24) 1,1-Dichloroethane	5.14	63	7078	0.036	ppbv	#	88
25) Ethyl Acetate	5.84	43	573831	1.715	ppbv	#	90
26) Hexane	5.83	57	669733	4.489	ppbv	#	44
27) Carbon Disulfide	4.67	76	362787	2.605	ppbv	#	91
28) Methyl tert-Butyl Ether	5.17	73	120599	0.609	ppbv	#	51
29) Chloroform	5.91	83	9241	0.042	ppbv		97
30) Cyclohexane	7.31	84	22503	0.198	ppbv	#	1
31) cis-1,2-Dichloroethene	5.26	61	961707	6.588	ppbv	#	27
34) 2-Butanone	5.38	43	3567658	14.871	ppbv		100
35) Carbon Tetrachloride	7.16	117	550111	2.647	ppbv	#	14
36) Benzene	7.06	78	439054	1.469	ppbv		95
39) 1,2-Dichloropropane	7.36	63	914554	7.326	ppbv	#	24
41) Tetrahydrofuran	6.21	42	100672	0.782	ppbv		98
42) Bromodichloromethane	7.98	83	14719	0.062	ppbv	#	25
44) 2,2,4-Trimethylpentane	8.05	57	177934	0.330	ppbv	#	43
49) Bromoform	12.95	173	26833	0.176	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.94	43	405749	1.171	ppbv		98
51) 2-Hexanone	10.31	43	82621	0.340	ppbv	#	28
52) Tetrachloroethene	11.44	164	78349	0.889	ppbv		94
53) Toluene	10.01	91	4540625	13.860	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.67	131	5882	0.042	ppbv	#	1
58) Ethyl Benzene	12.93	91	812611	1.981	ppbv		100
59) m/p-Xylene	13.19	91	2469157	7.087	ppbv		98
60) o-Xylene	13.92	91	881614	2.574	ppbv		99
61) Styrene	13.75	104	89924	0.376	ppbv	#	61

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032372.D
Acq On : 16 Aug 2018 5:16
Operator : SY/AP
Sample : J4457-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Quant Time: Aug 16 05:52:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Isopropylbenzene	14.90	105	61144	0.125	ppbv	#	90
64) n-propylbenzene	15.79	120	48023	0.381	ppbv		79
65) tert-Butylbenzene	17.00	119	115316	0.277	ppbv	#	72
66) Benzyl Chloride	17.21	91	10908	0.044	ppbv	#	65
69) p-Isopropyltoluene	17.89	119	50740	0.107	ppbv	#	55
70) n-Butylbenzene	18.79	91	81383	0.157	ppbv	#	39
71) 2-Chlorotoluene	15.79	91	136495	0.362	ppbv	#	47
72) 4-Ethyltoluene	16.07	105	313823	0.822	ppbv	#	97
73) 1,3,5-Trimethylbenzene	16.23	105	305280	0.831	ppbv		96
74) 1,2,4-Trimethylbenzene	17.00	105	1089809	2.788	ppbv	#	73
75) 1,3-Dichlorobenzene	17.25	146	972358	4.139	ppbv	#	74
76) 1,4-Dichlorobenzene	17.25	146	972358	4.369	ppbv	#	73
79) Naphthalene	22.49	128	223706	0.919	ppbv		97
80) Naphthalene,2-methyl-	25.17	142	17275	0.221	ppbv	#	64

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

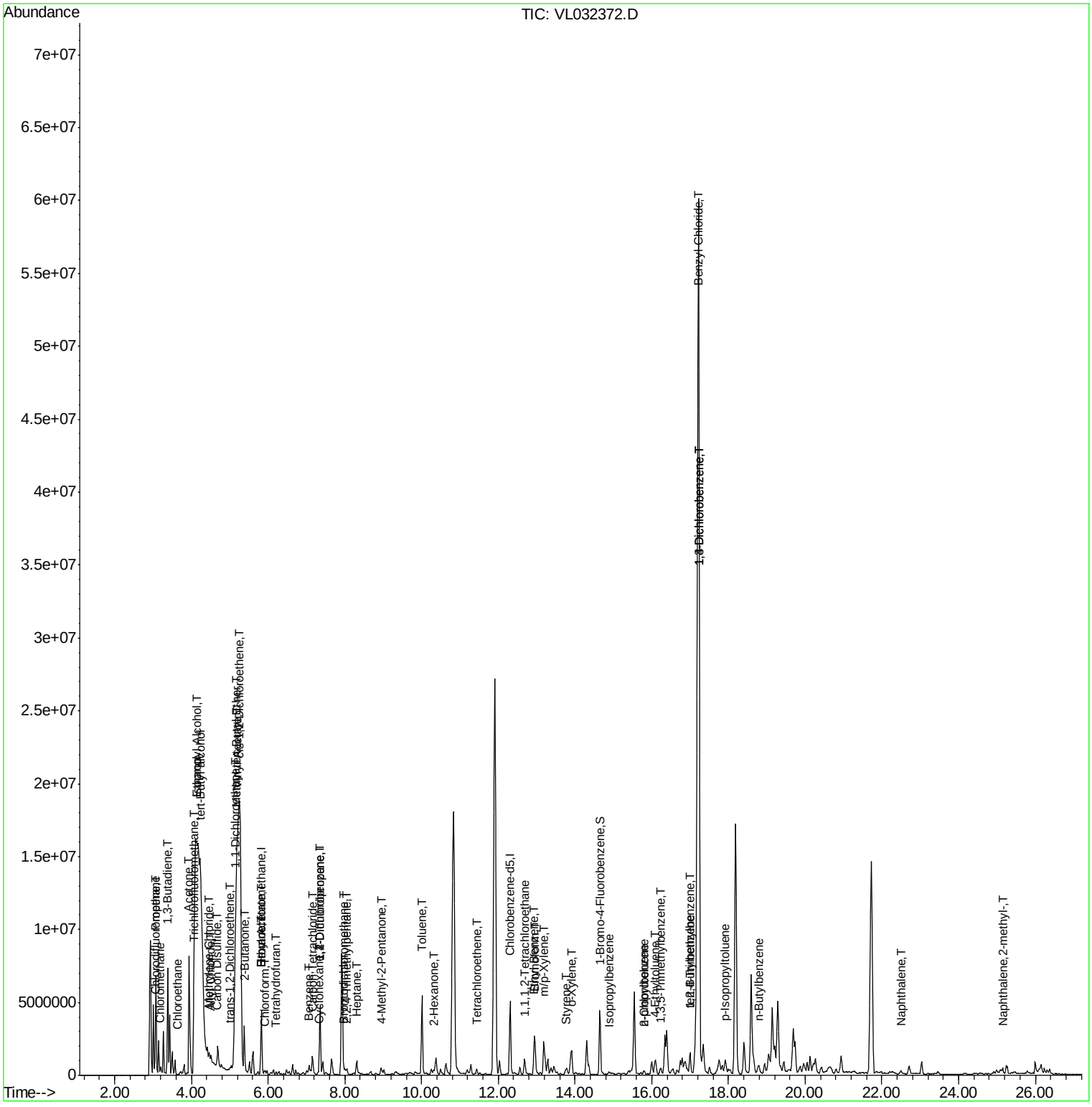
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

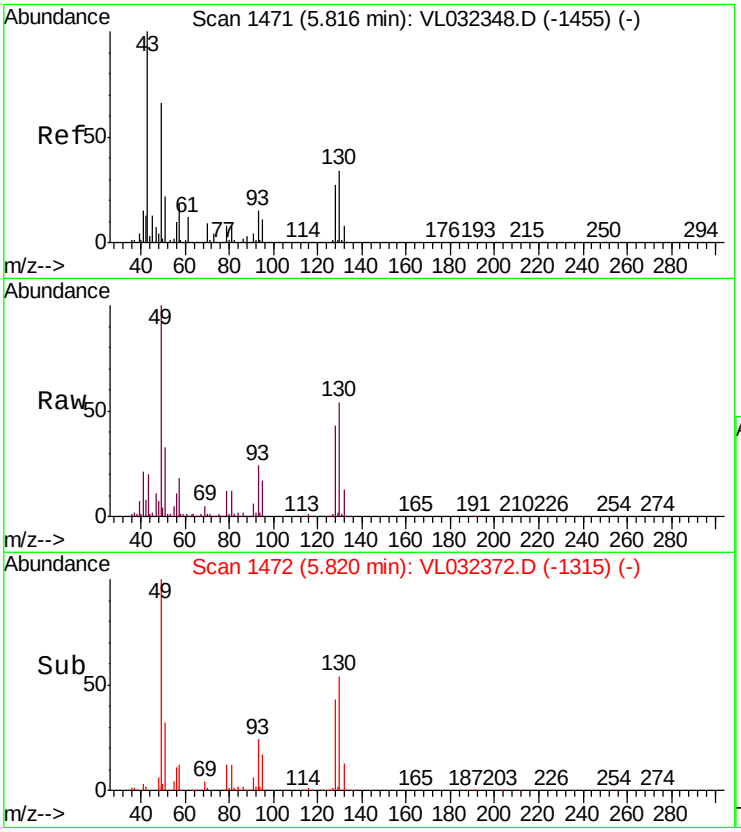
Quantitation Report (Not Reviewed)

Data File : VL032372.D
Acq On : 16 Aug 2018 5:16
Operator : SY/AP
Sample : J4457-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Quant Time: Aug 16 05:52:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration



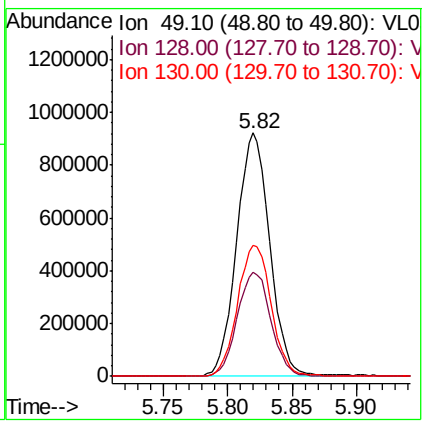


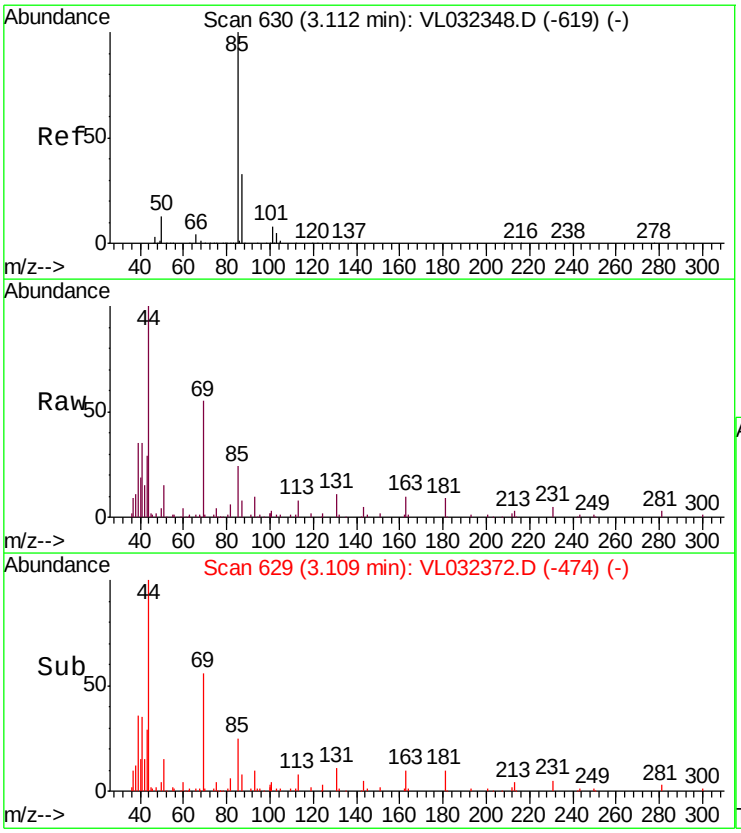
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 49 Resp: 1643785

Ion	Ratio	Lower	Upper
49	100		
128	43.8	20.5	61.6
130	55.1	26.2	78.5

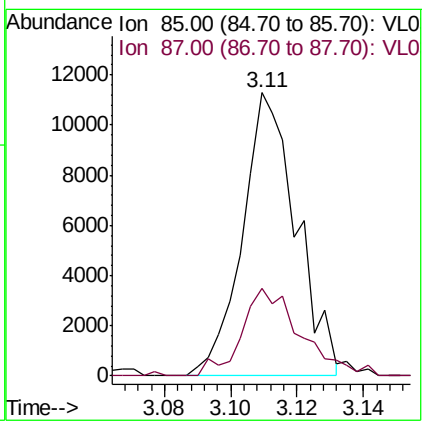


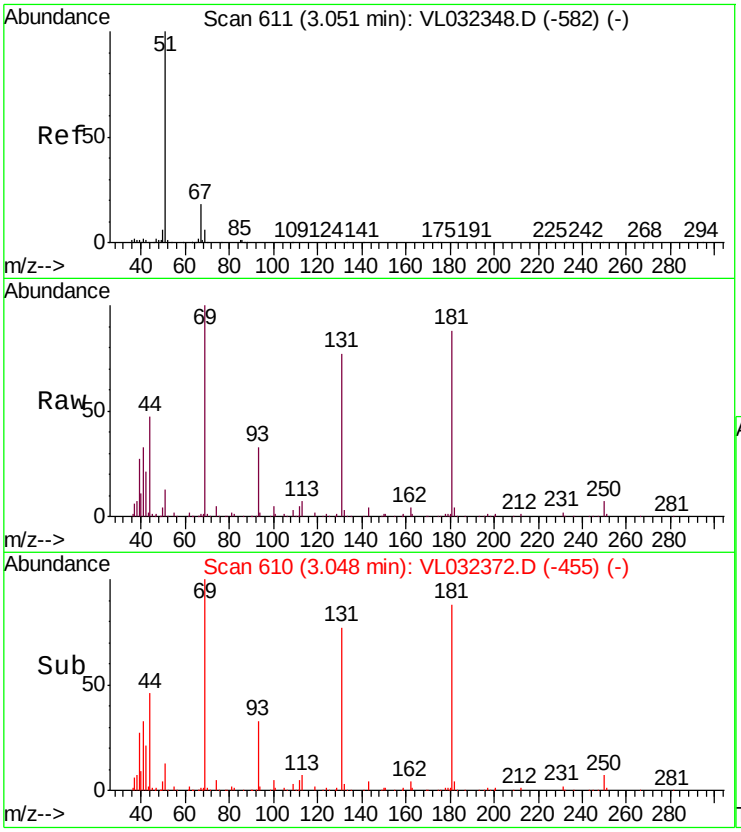


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 3.11 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 85 Resp: 12789

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.3	39.5



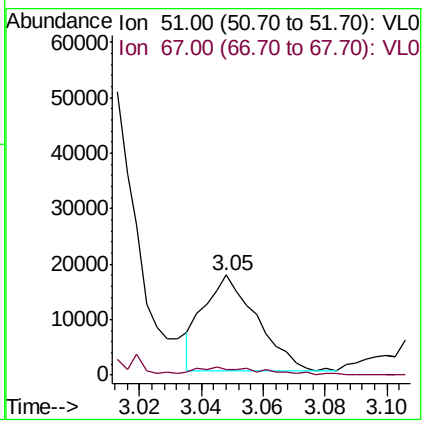


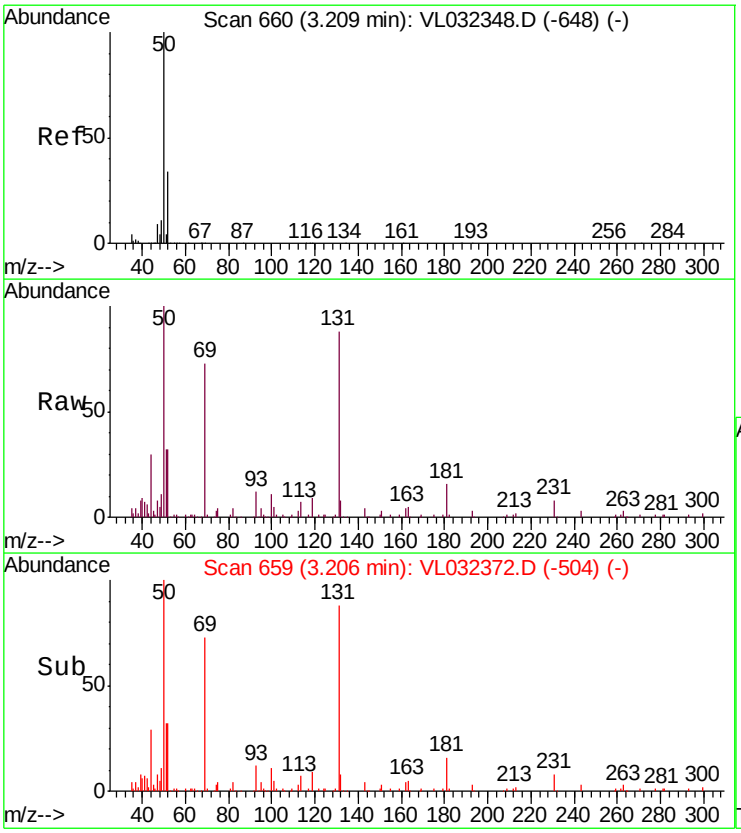
#3
Chlorodifluoromethane
Concen: 0.136 ppbv
RT: 3.05 min Scan# 610
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 51 Resp: 20648

Ion	Ratio	Lower	Upper
51	100		
67	0.0	13.7	20.5#

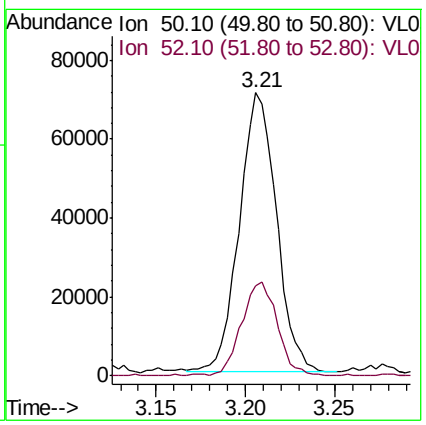


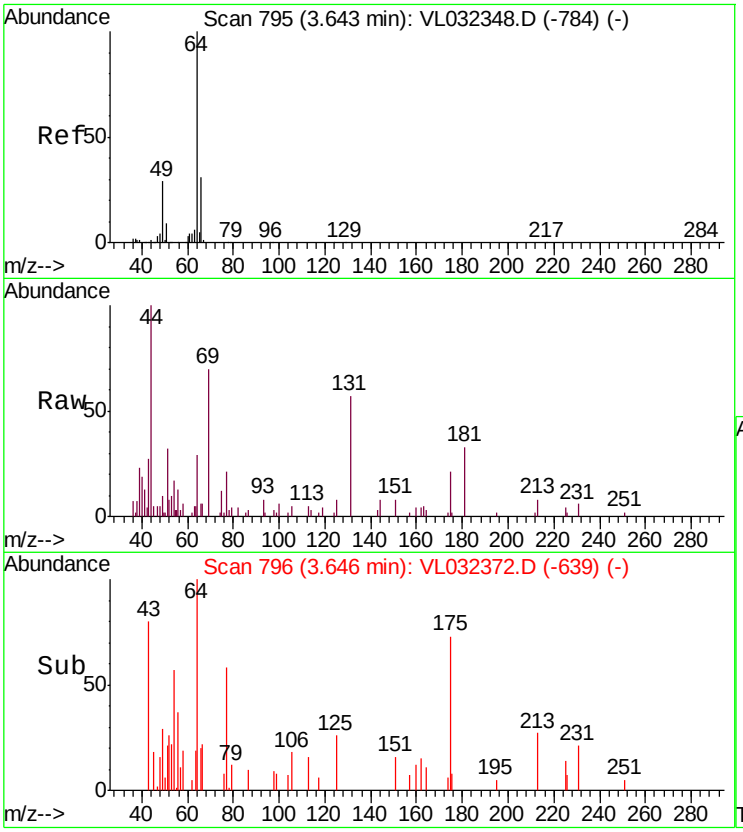


#4
Chloromethane
Concen: 1.137 ppbv
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 50 Resp: 103032

Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.8	40.2



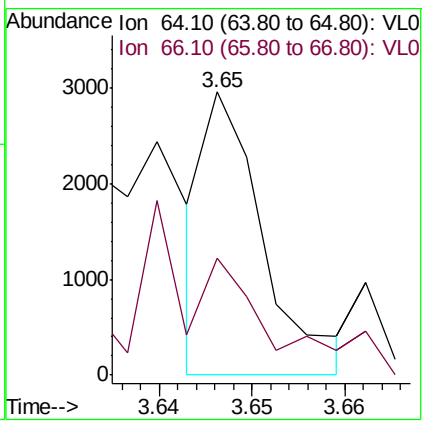


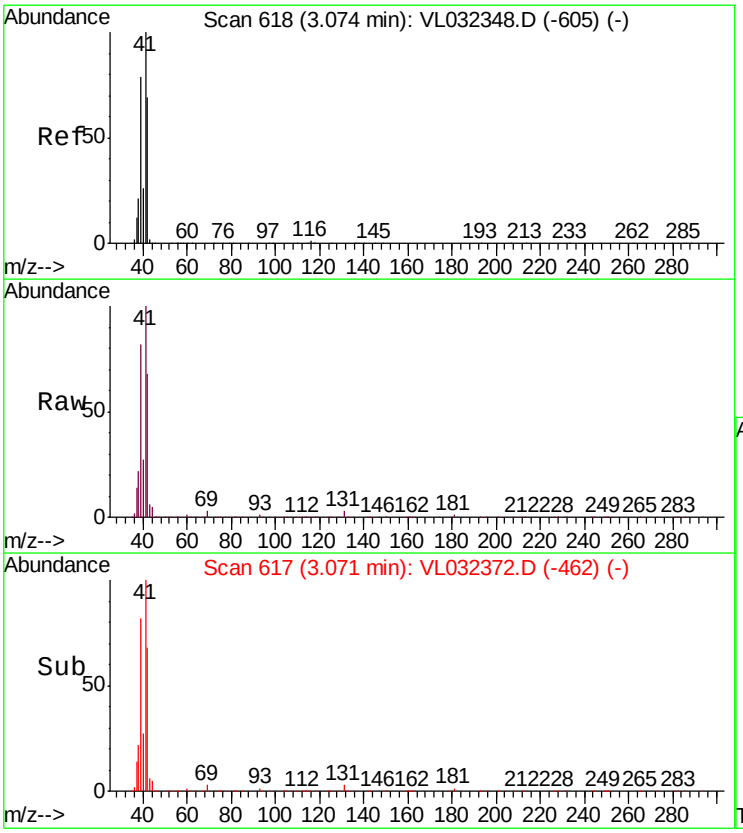
#7
Chloroethane
Concen: 0.043 ppbv
RT: 3.65 min Scan# 796
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Tgt Ion: 64 Resp: 1312

Ion	Ratio	Lower	Upper
64	100		
66	41.5	24.6	36.8#

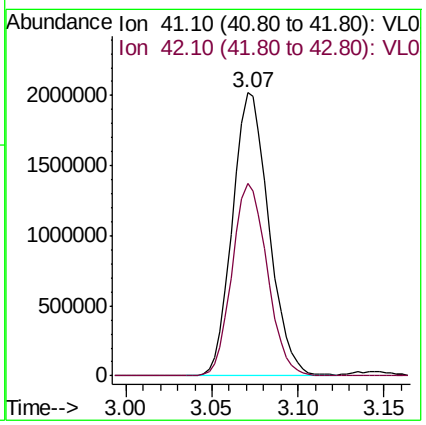


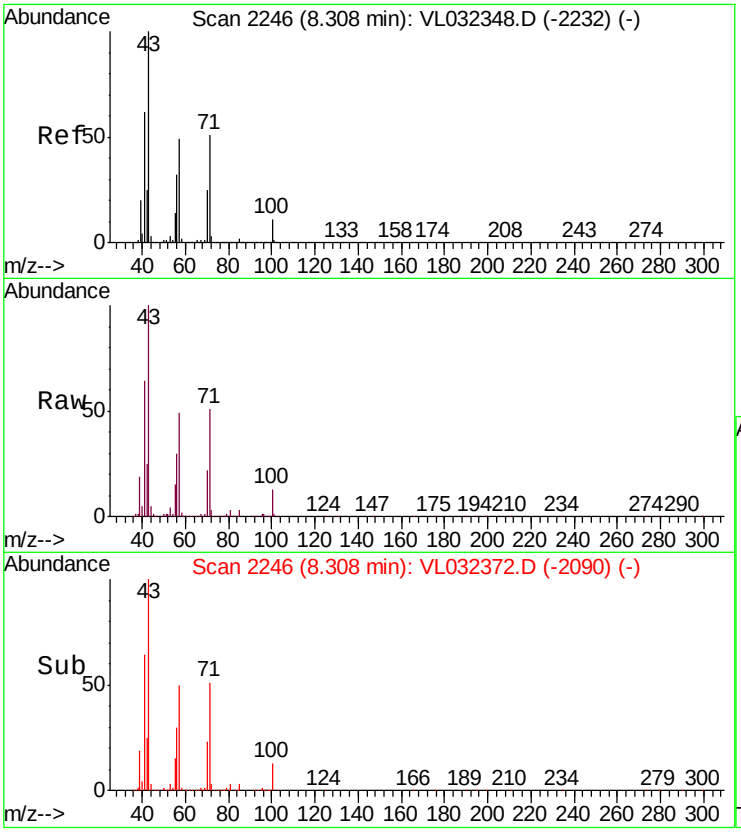


#9
Propene
Concen: 45.530 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 41 Resp: 2967160

Ion	Ratio	Lower	Upper
41	100		
42	65.9	55.9	83.9



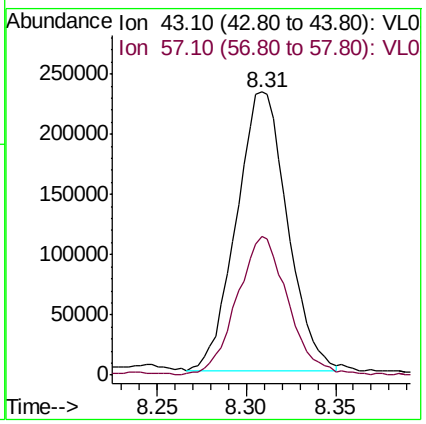


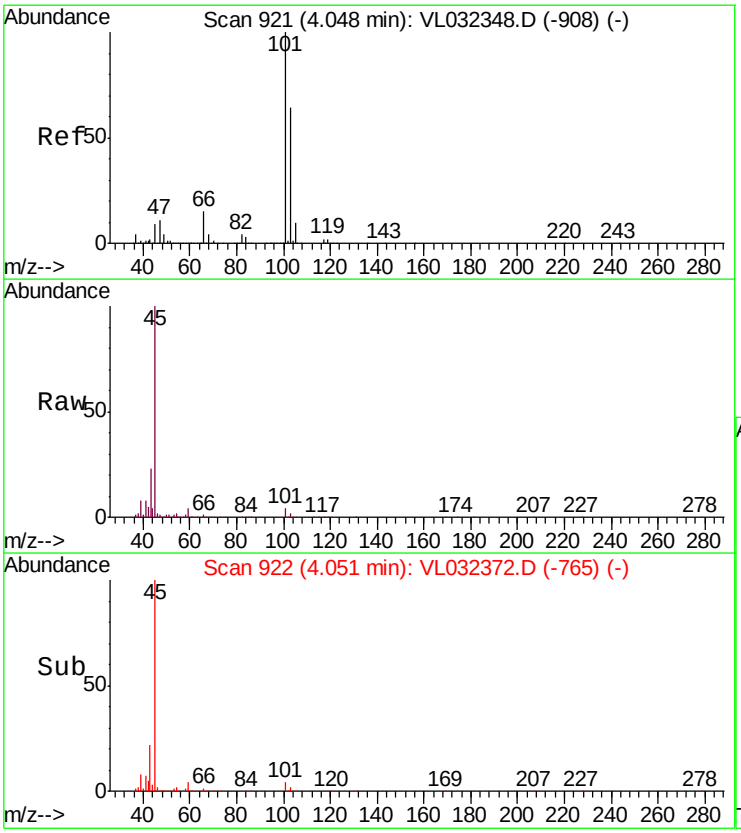
#10
Heptane
Concen: 2.346 ppbv
RT: 8.31 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 43 Resp: 460429

Ion	Ratio	Lower	Upper
43	100		
57	49.7	39.5	59.3

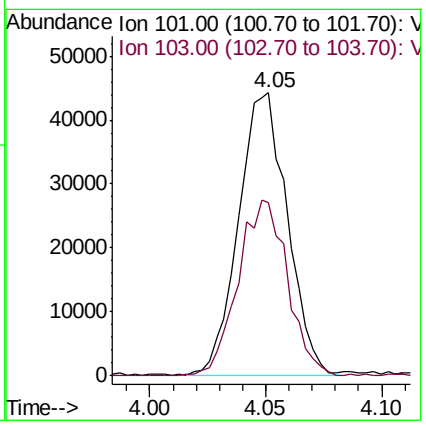


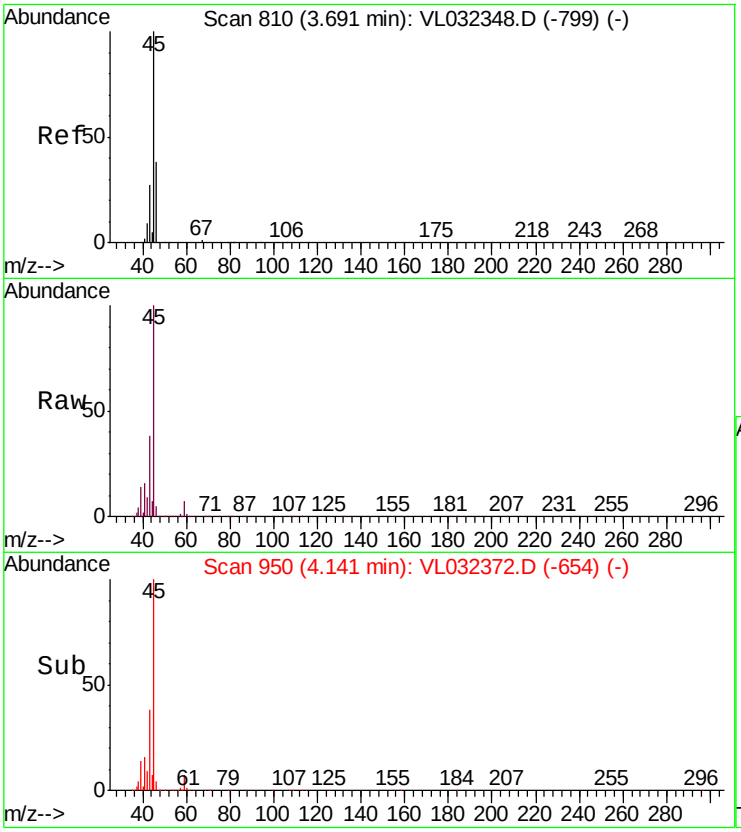


#11
Trichlorofluoromethane
Concen: 0.354 ppbv
RT: 4.05 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:101 Resp: 65025

Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.4	77.0



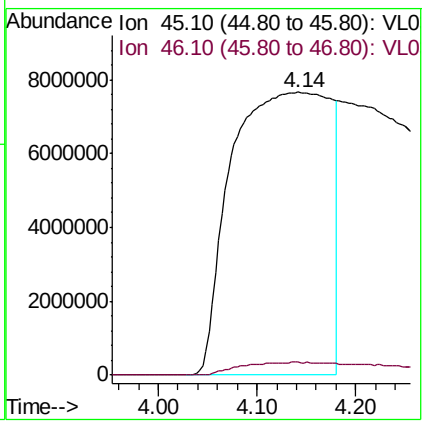


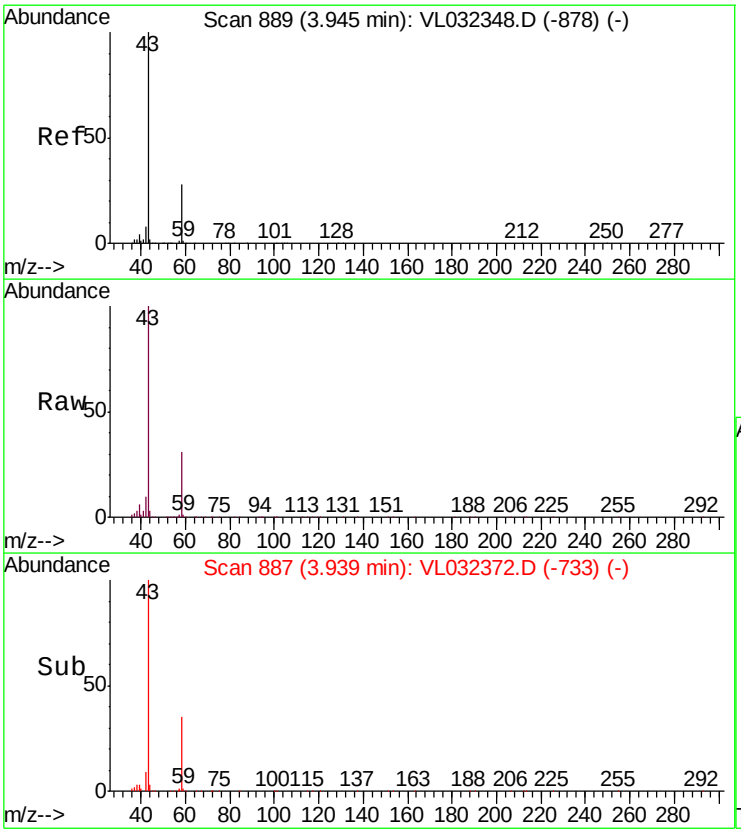
#13
Ethanol
Concen: 3158.775 ppbv
RT: 4.14 min Scan# 950
Delta R.T. 0.45 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 45 Resp:52870495

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.6	62.4#

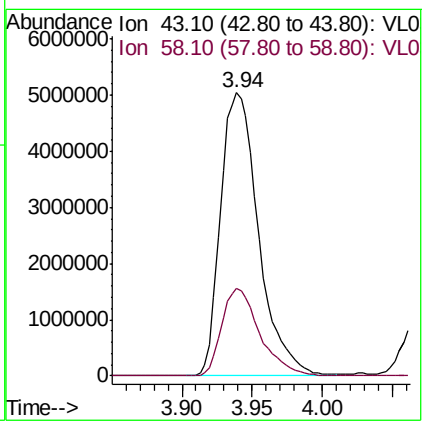


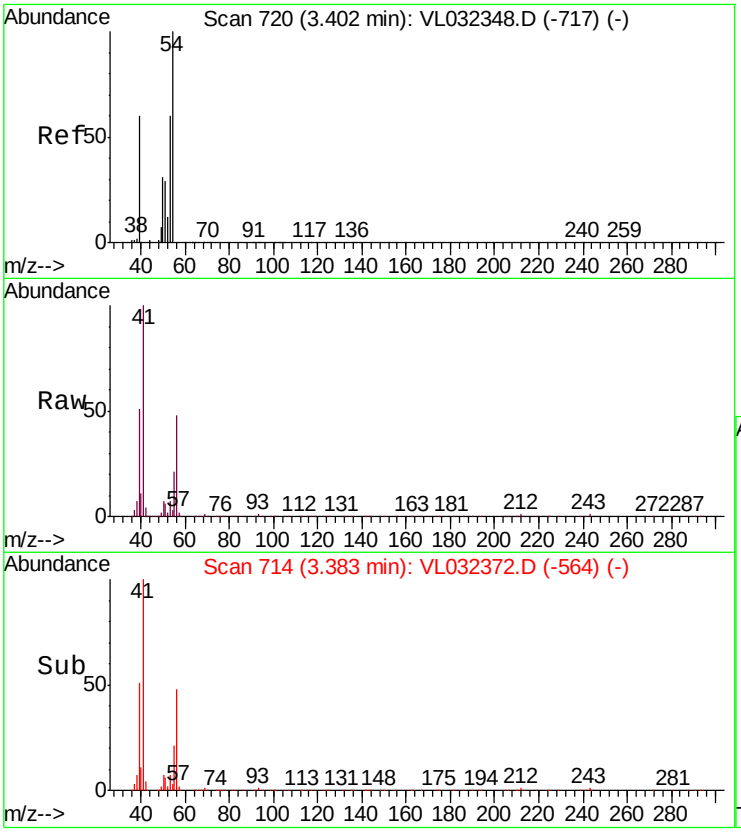


#15
Acetone
Concen: 60.636 ppbv
RT: 3.94 min Scan# 887
Delta R.T. -0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 43 Resp: 9469800

Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.4	33.6



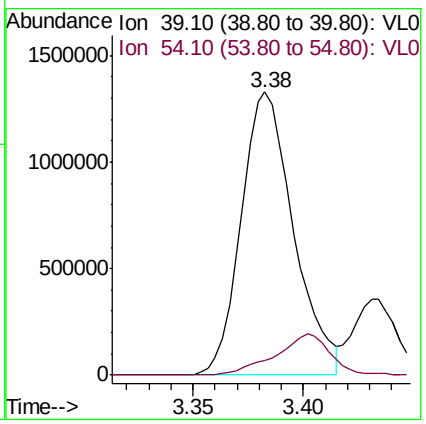


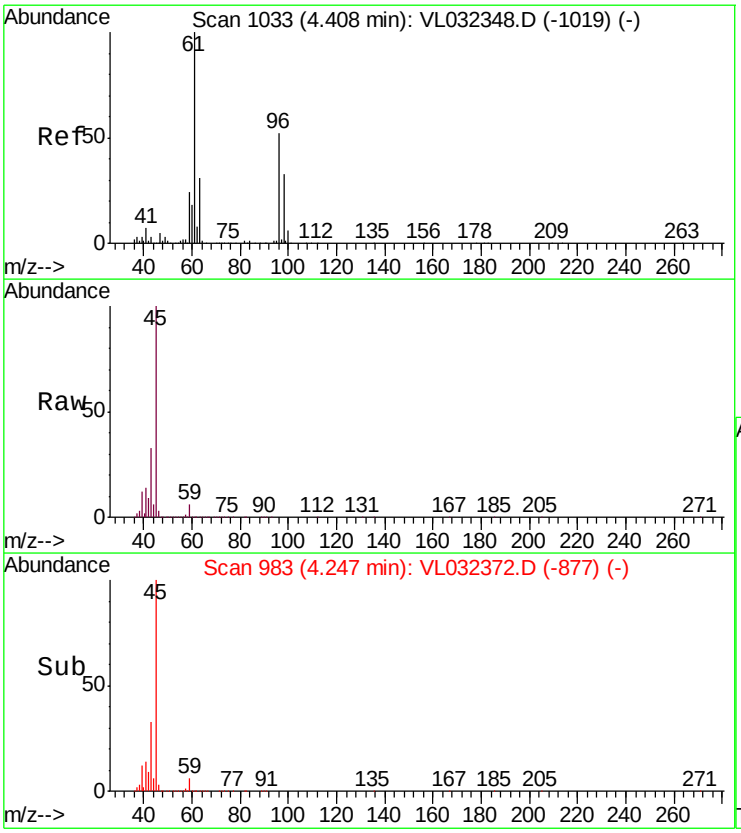
#16
1,3-Butadiene
Concen: 33.922 ppbv
RT: 3.38 min Scan# 714
Delta R.T. -0.02 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 39 Resp: 2187306

Ion	Ratio	Lower	Upper
39	100		
54	15.3	85.5	128.3#

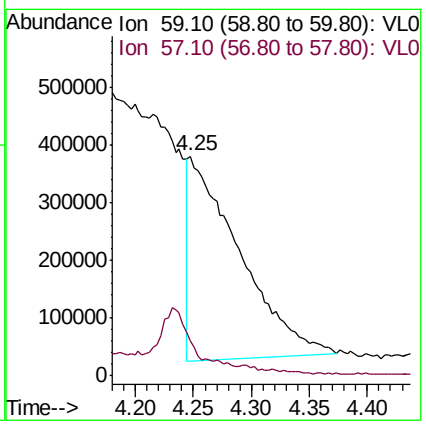


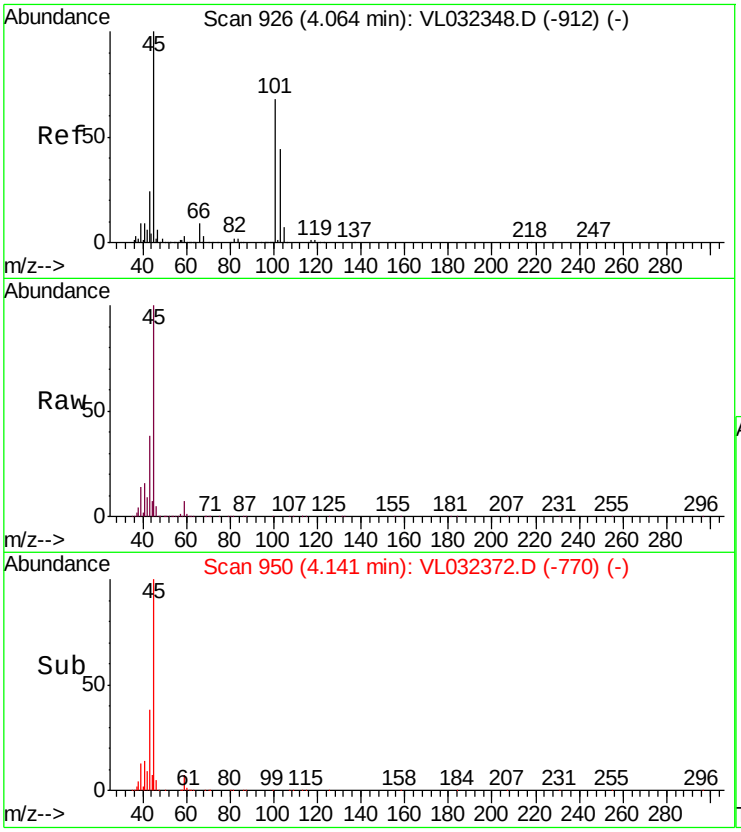


#17
tert-Butyl alcohol
Concen: 40.334 ppbv
RT: 4.25 min Scan# 983
Delta R.T. -0.16 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 59 Resp: 1056976

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



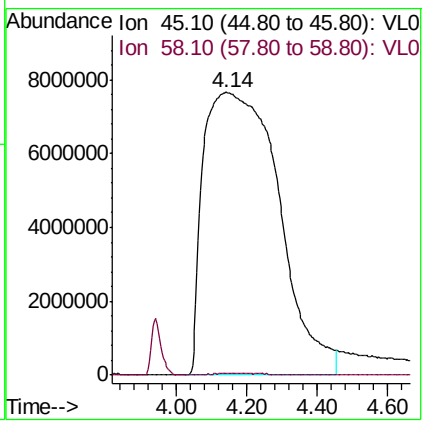


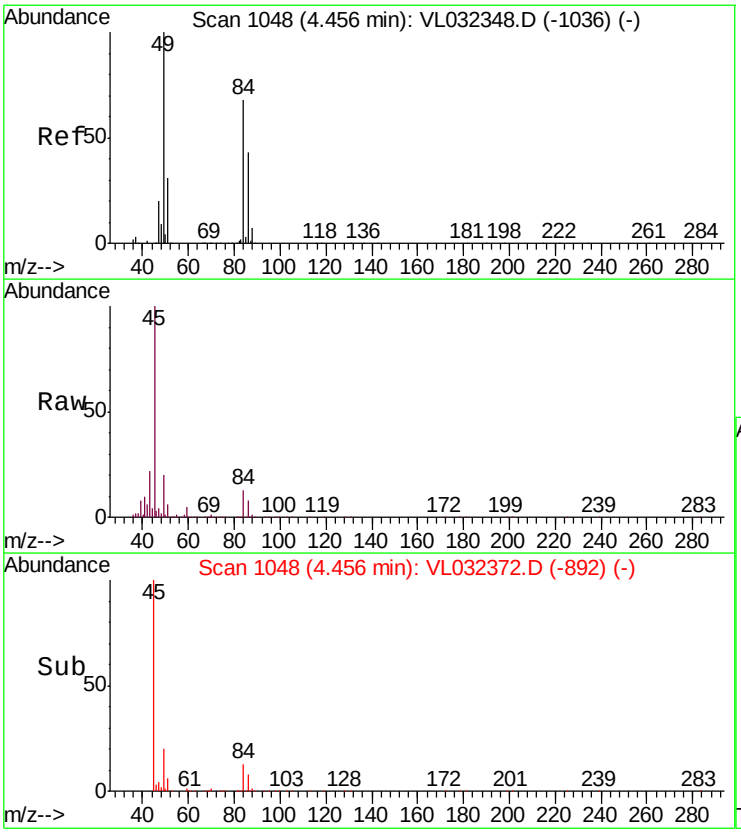
#19
Isopropyl Alcohol
Concen: 1081.433 ppbv
RT: 4.14 min Scan# 950
Delta R.T. 0.08 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 45 Resp:113729895

Ion	Ratio	Lower	Upper
45	100		
58	0.2	1.4	2.0#

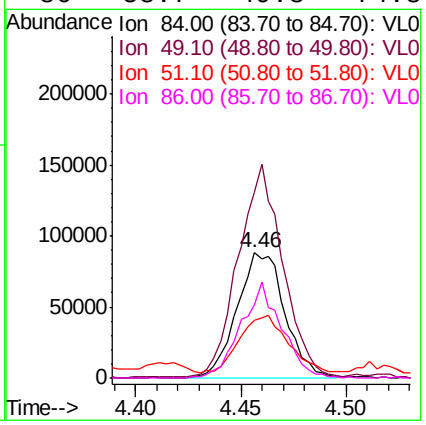


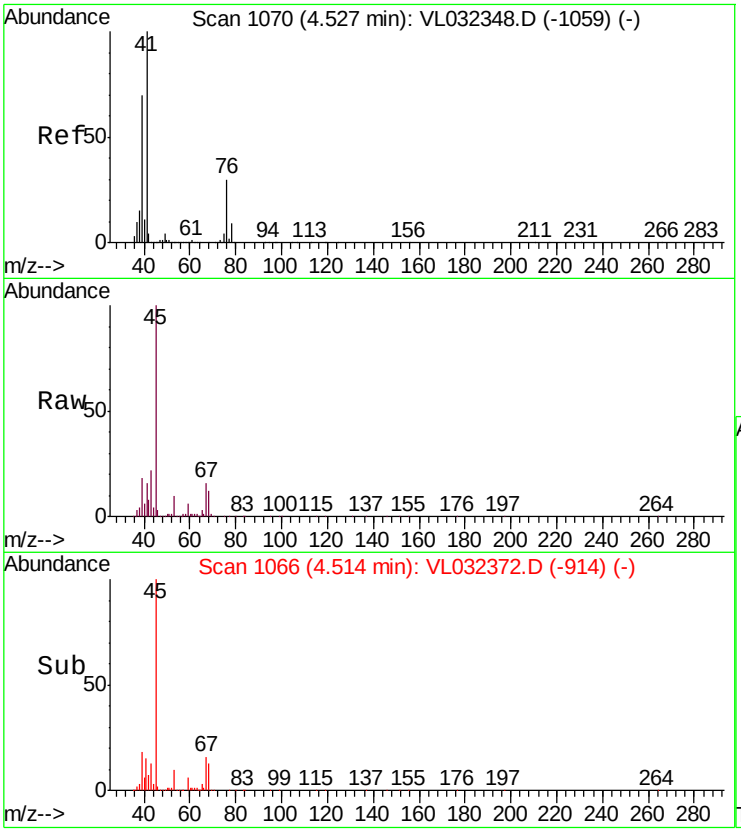


#20
Methylene Chloride
Concen: 2.348 ppbv
RT: 4.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 84 Resp: 138515

Ion	Ratio	Lower	Upper
84	100		
49	147.3	117.3	175.9
51	41.3	36.6	55.0
86	58.7	49.8	74.8



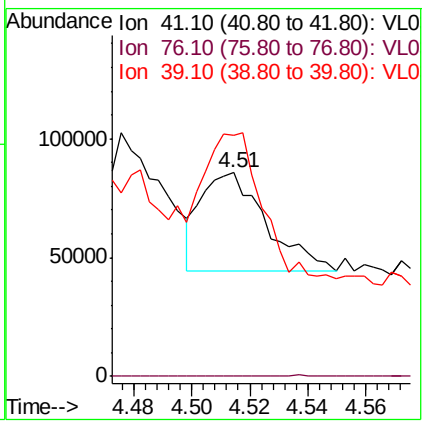


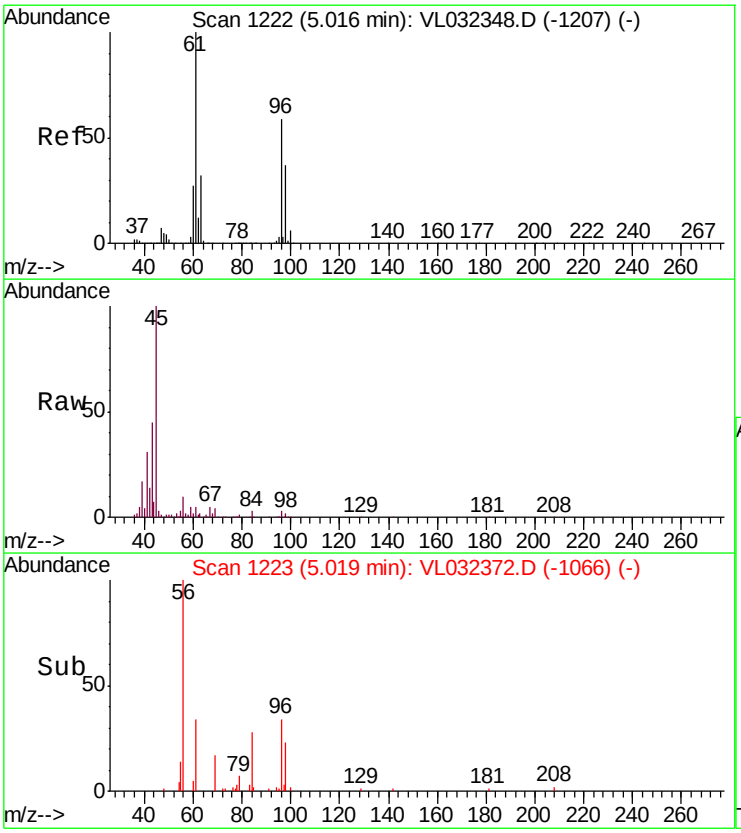
#21
Allyl Chloride
Concen: 0.657 ppbv
RT: 4.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Tgt Ion: 41 Resp: 64749

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	0.0	57.6	86.4#

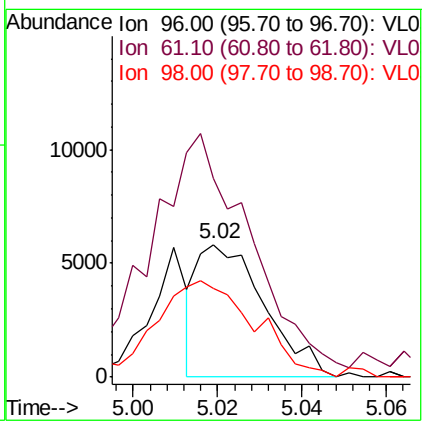


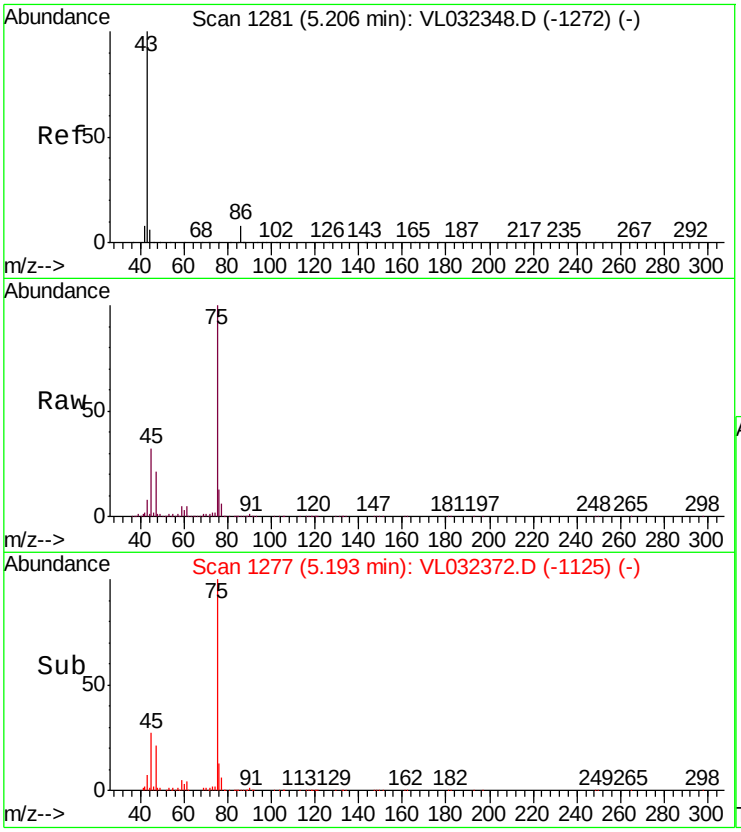


#22
trans-1,2-Dichloroethene
Concen: 0.111 ppbv
RT: 5.02 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 96 Resp: 6438

Ion	Ratio	Lower	Upper
96	100		
61	139.1	136.6	205.0
98	66.6	50.6	76.0



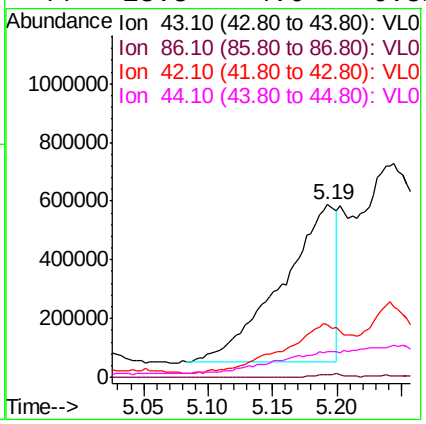


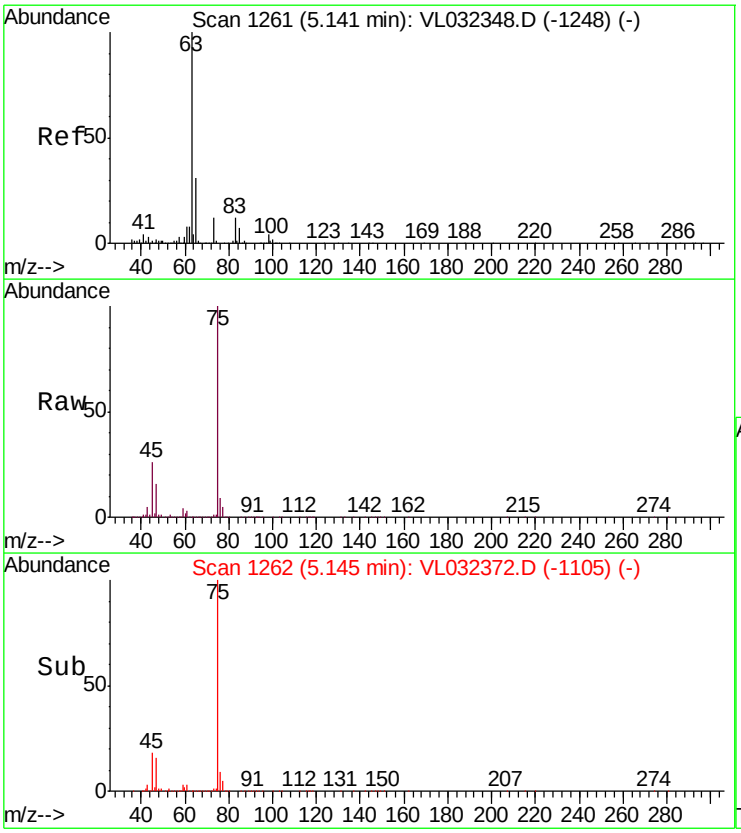
#23
Vinyl Acetate
Concen: 5.779 ppbv
RT: 5.19 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 43 Resp: 1558500

Ion	Ratio	Lower	Upper
43	100		
86	1.7	5.5	8.3#
42	30.9	7.0	10.6#
44	13.8	4.6	6.8#

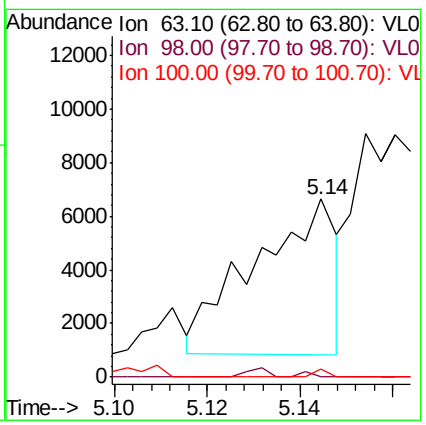


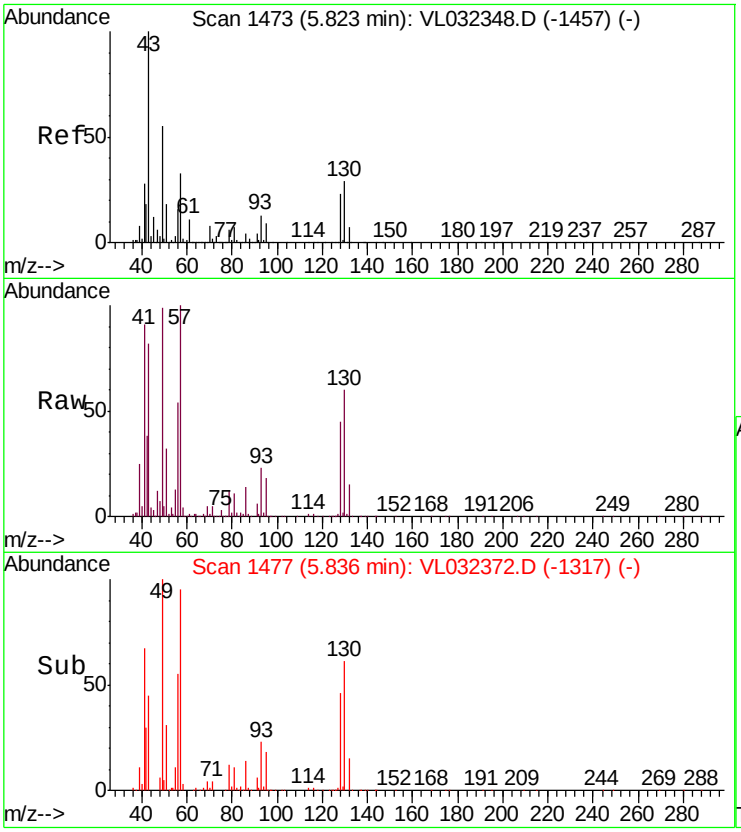


#24
1,1-Dichloroethane
Concen: 0.036 ppbv
RT: 5.14 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 63 Resp: 7078

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.3#
100	5.8	1.2	3.6#



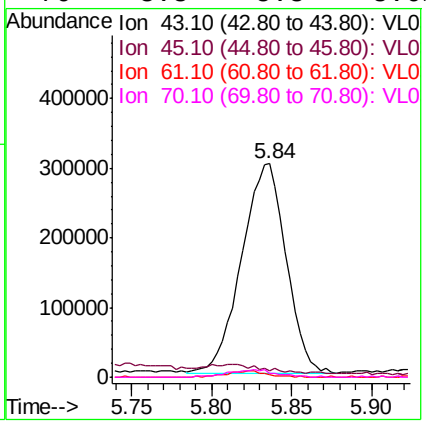


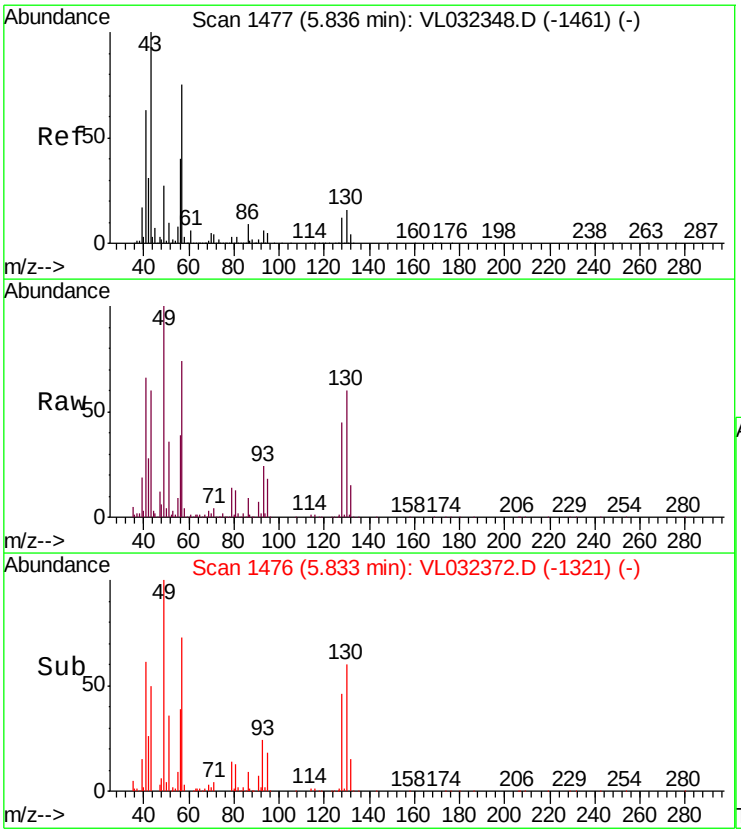
#25
Ethyl Acetate
Concen: 1.715 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 43 Resp: 573831

Ion	Ratio	Lower	Upper
43	100		
45	9.0	7.9	11.9
61	3.0	7.4	11.2#
70	3.8	5.8	8.6#

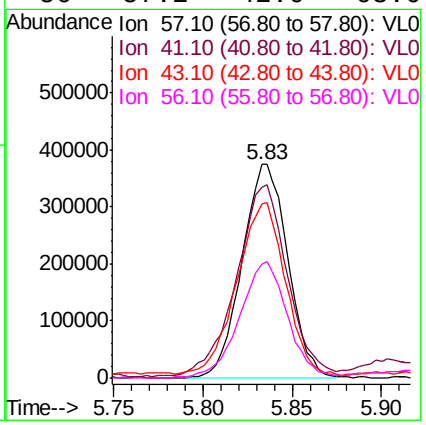


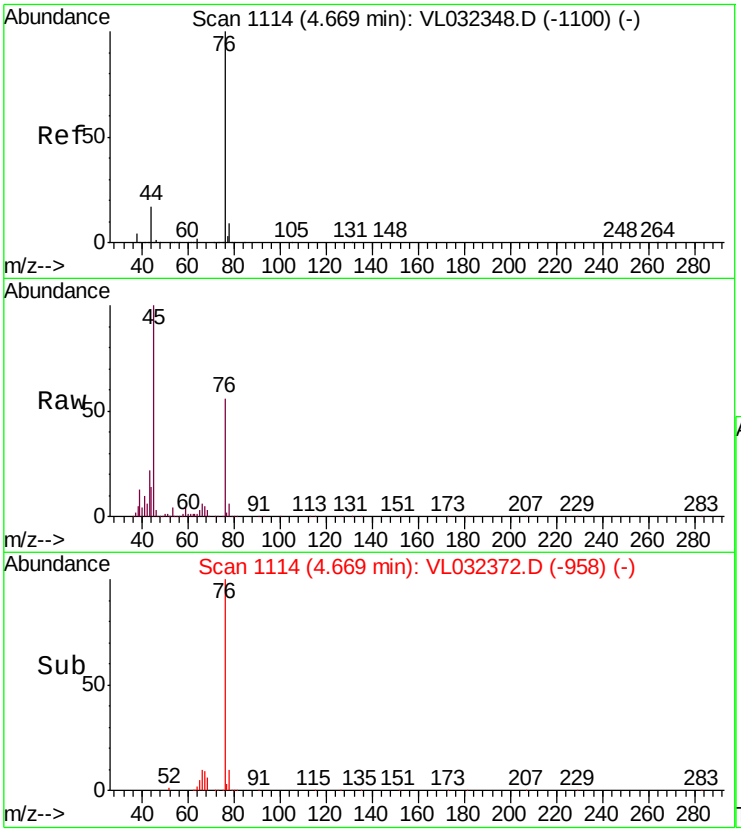


#26
Hexane
Concen: 4.489 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 57 Resp: 669733

Ion	Ratio	Lower	Upper
57	100		
41	101.2	68.0	102.0
43	86.9	175.3	262.9#
56	57.2	42.0	63.0



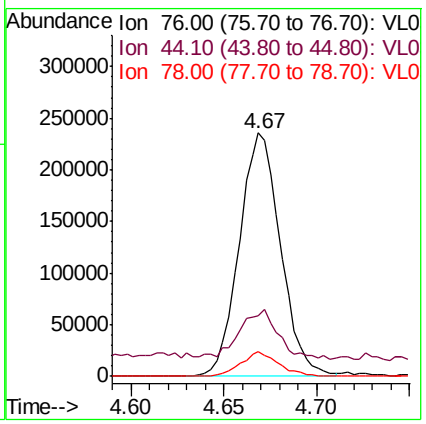


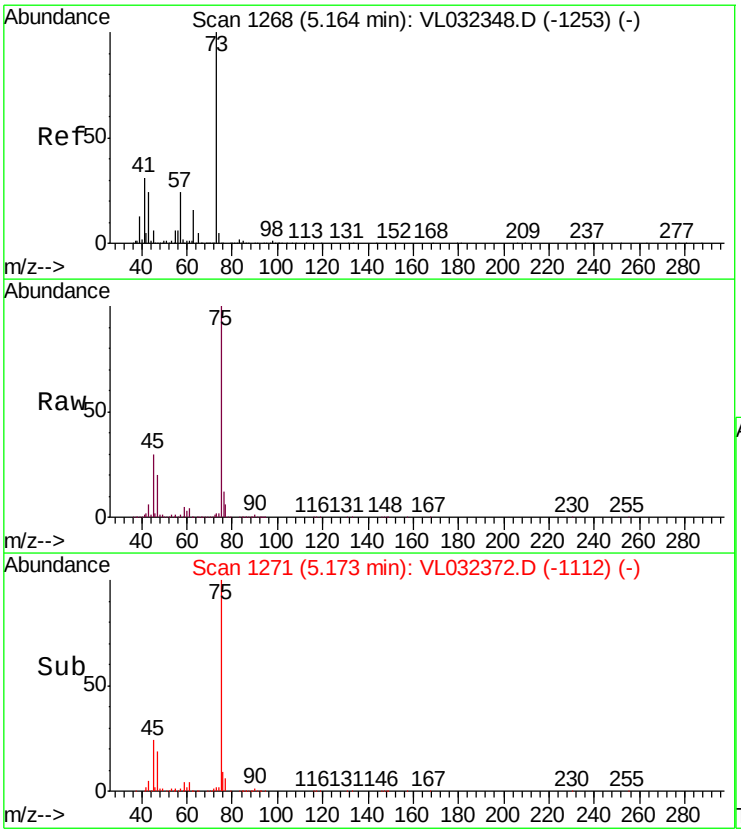
#27
Carbon Disulfide
Concen: 2.605 ppbv
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 76 Resp: 362787

Ion	Ratio	Lower	Upper
76	100		
44	23.6	14.4	21.6#
78	9.6	7.4	11.0

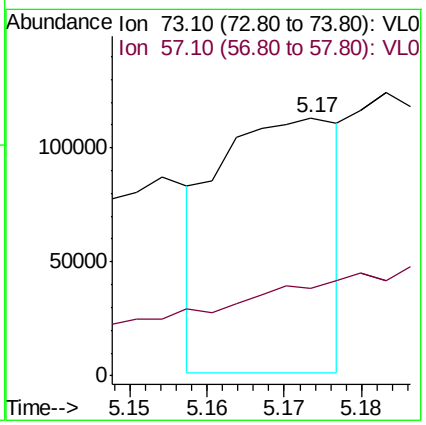


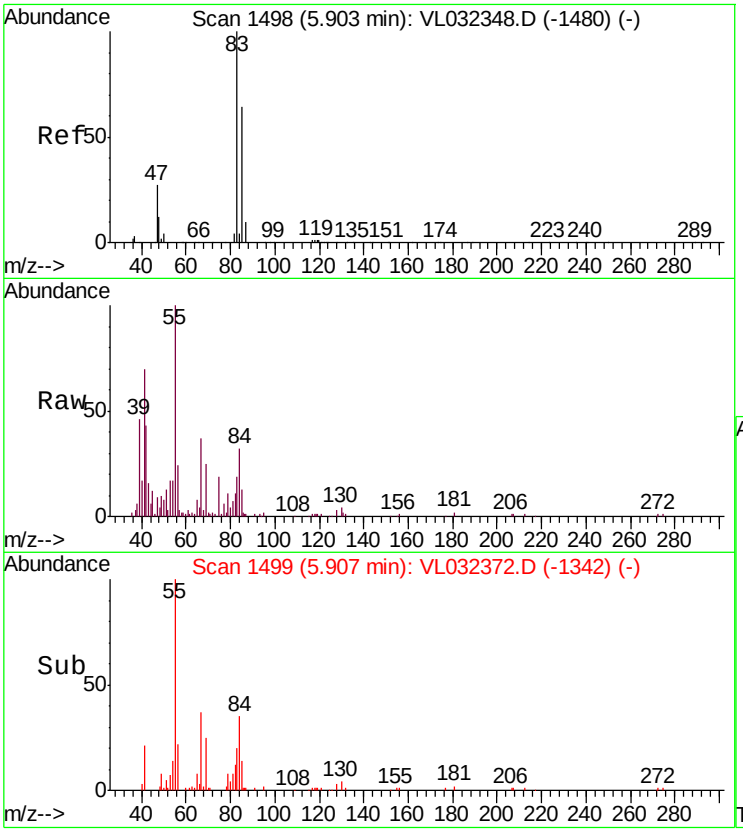


#28
Methyl tert-Butyl Ether
Concen: 0.609 ppbv
RT: 5.17 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 73 Resp: 120599

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#



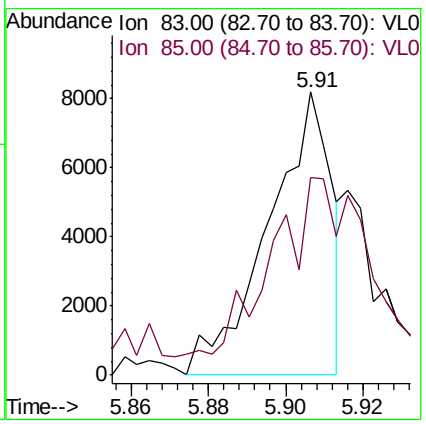


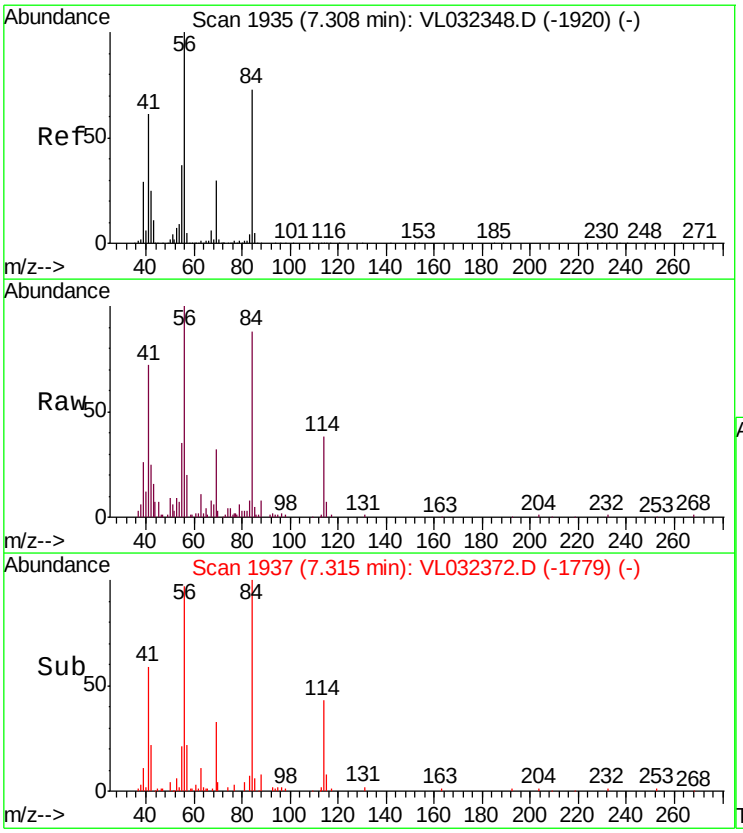
#29
Chloroform
Concen: 0.042 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 83 Resp: 9241

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.6	77.4

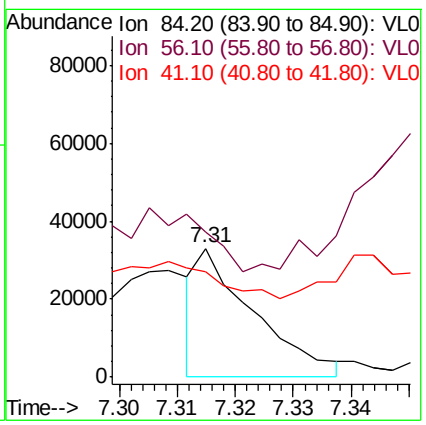


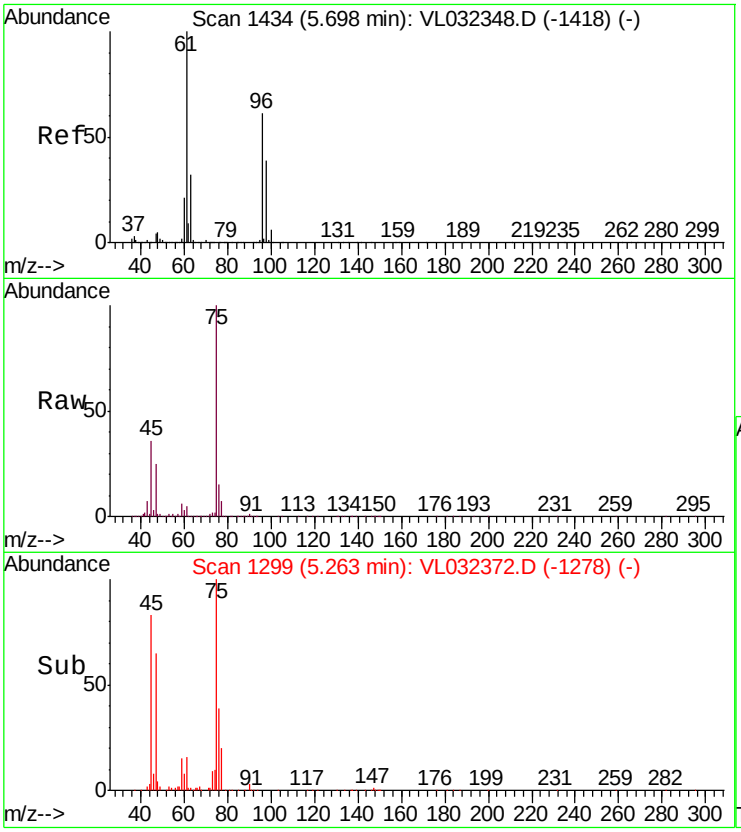


#30
Cyclohexane
Concen: 0.198 ppbv
RT: 7.31 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 84 Resp: 22503

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.7	173.5#
41	0.0	67.9	101.9#



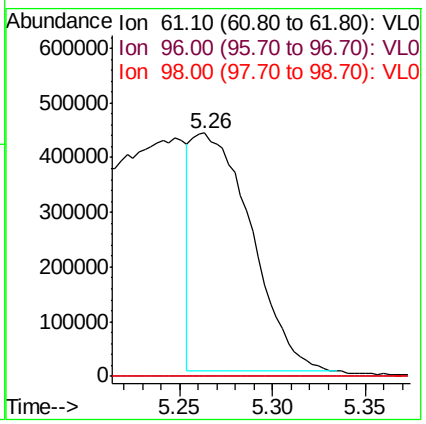


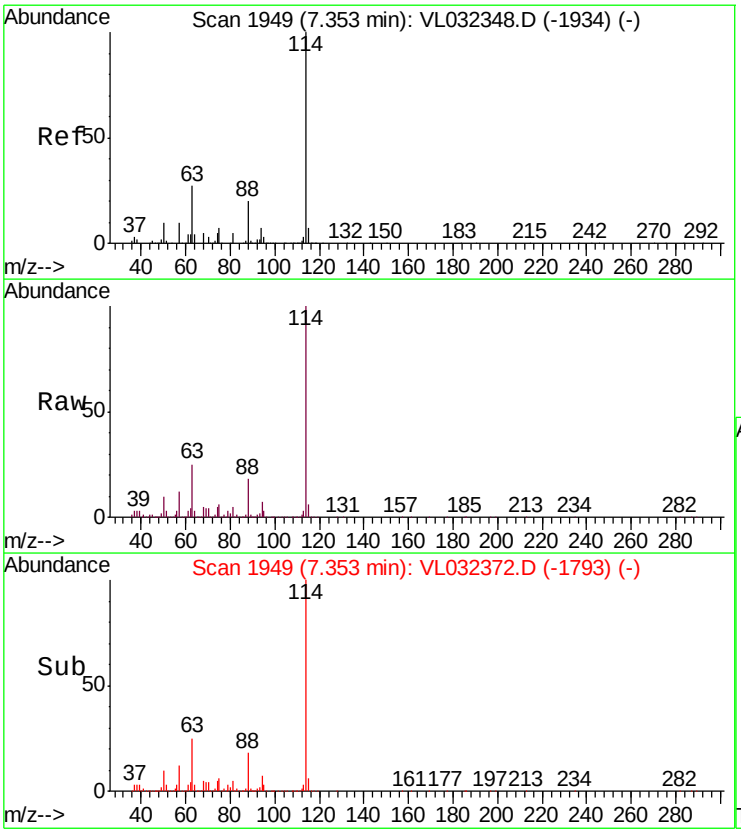
#31
cis-1,2-Dichloroethene
Concen: 6.588 ppbv
RT: 5.26 min Scan# 1299
Delta R.T. -0.43 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 61 Resp: 961707

Ion	Ratio	Lower	Upper
61	100		
96	0.0	48.5	72.7#
98	0.0	31.0	46.4#

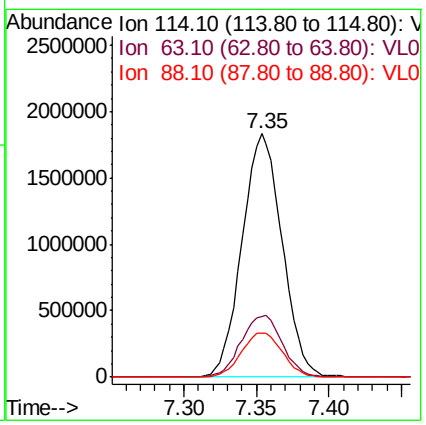


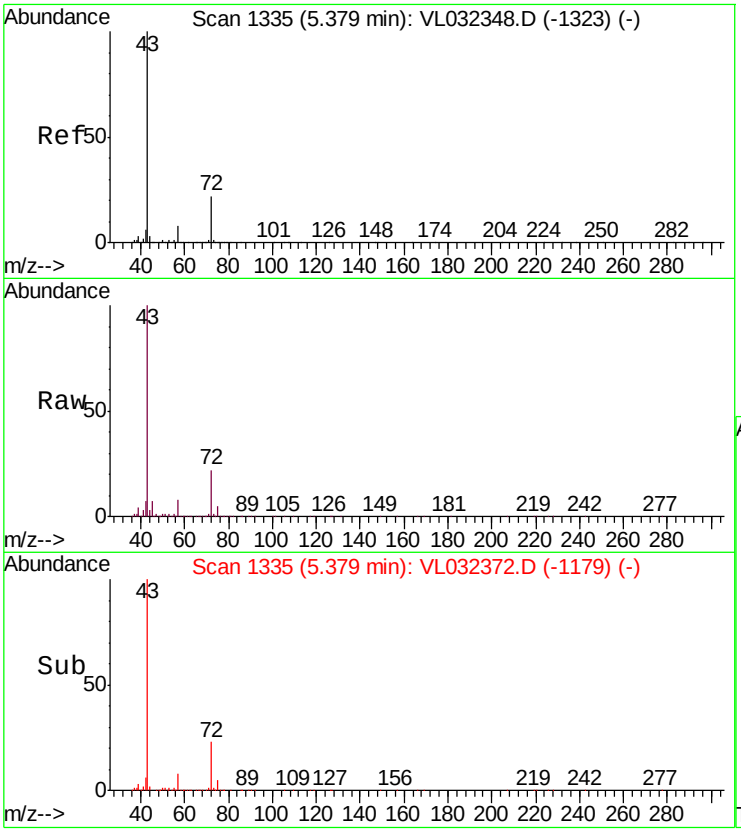


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:114 Resp: 3525029

Ion	Ratio	Lower	Upper
114	100		
63	26.0	22.0	33.0
88	18.5	15.3	22.9



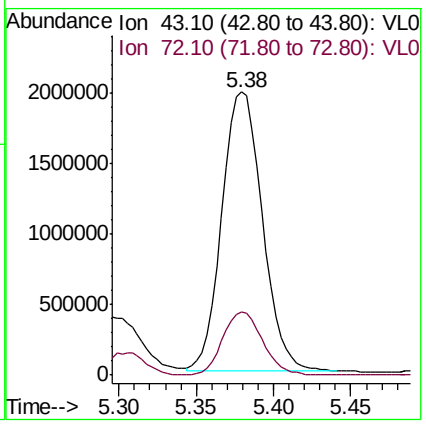


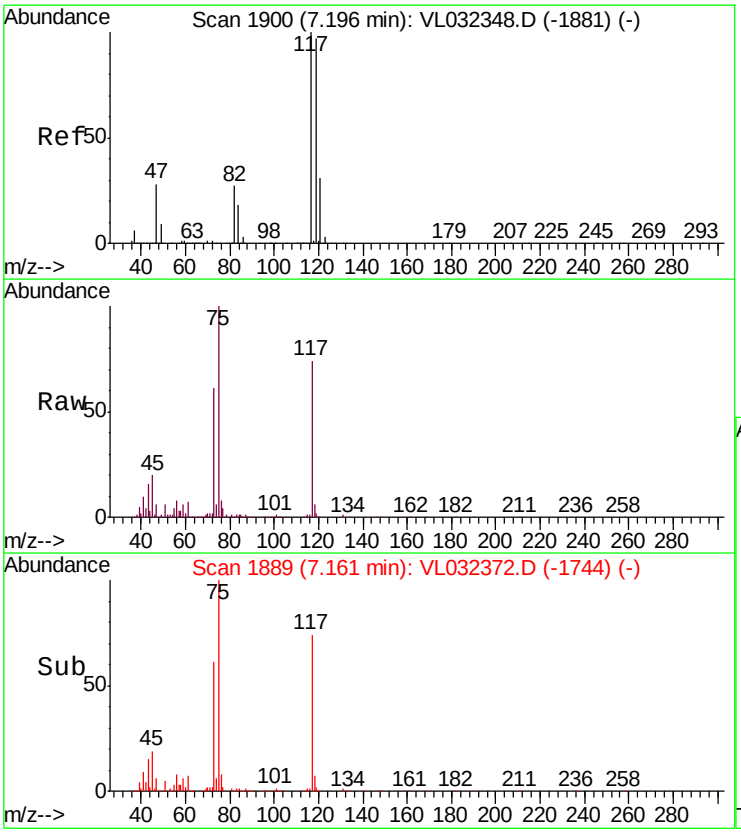
#34
2-Butanone
Concen: 14.871 ppbv
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 43 Resp: 3567658

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.9	26.9

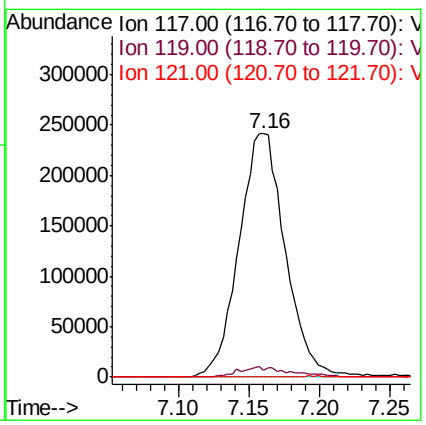


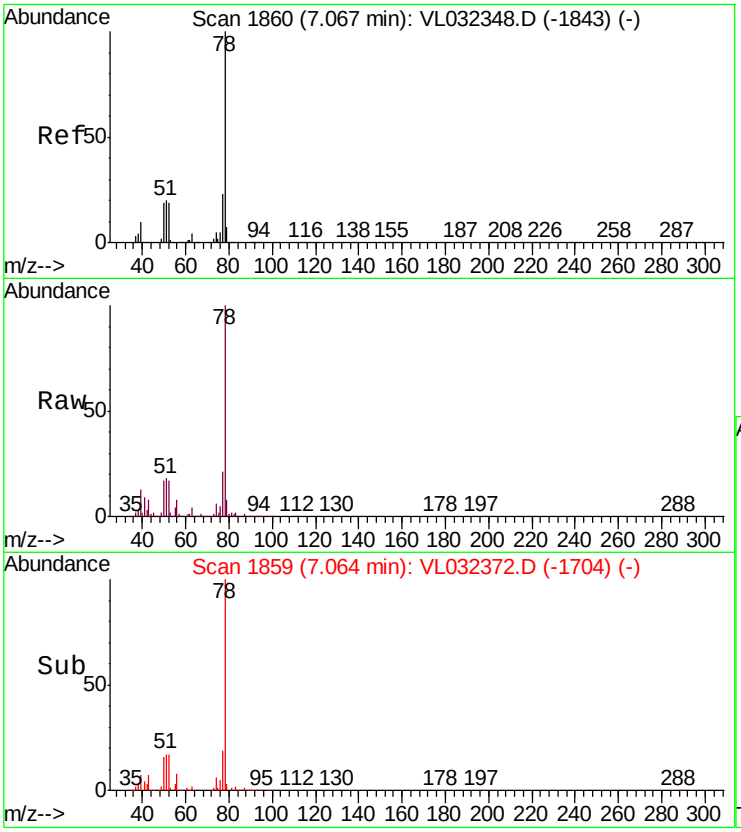


#35
Carbon Tetrachloride
Concen: 2.647 ppbv
RT: 7.16 min Scan# 1889
Delta R.T. -0.04 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:117 Resp: 550111

Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.2	115.8#
121	0.0	25.1	37.7#



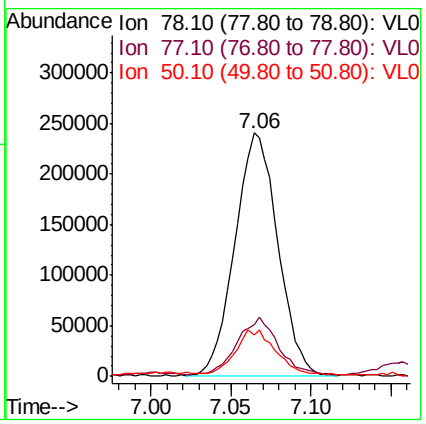


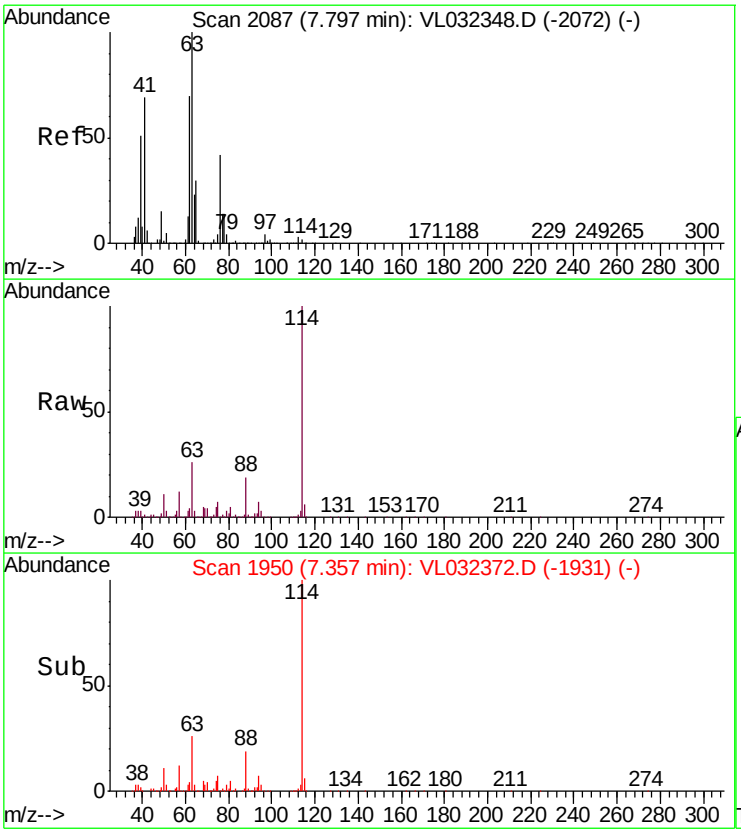
#36
Benzene
Concen: 1.469 ppbv
RT: 7.06 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 78 Resp: 439054

Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.0	27.0
50	16.2	15.1	22.7

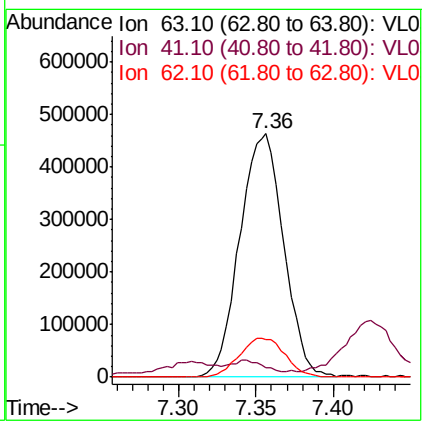


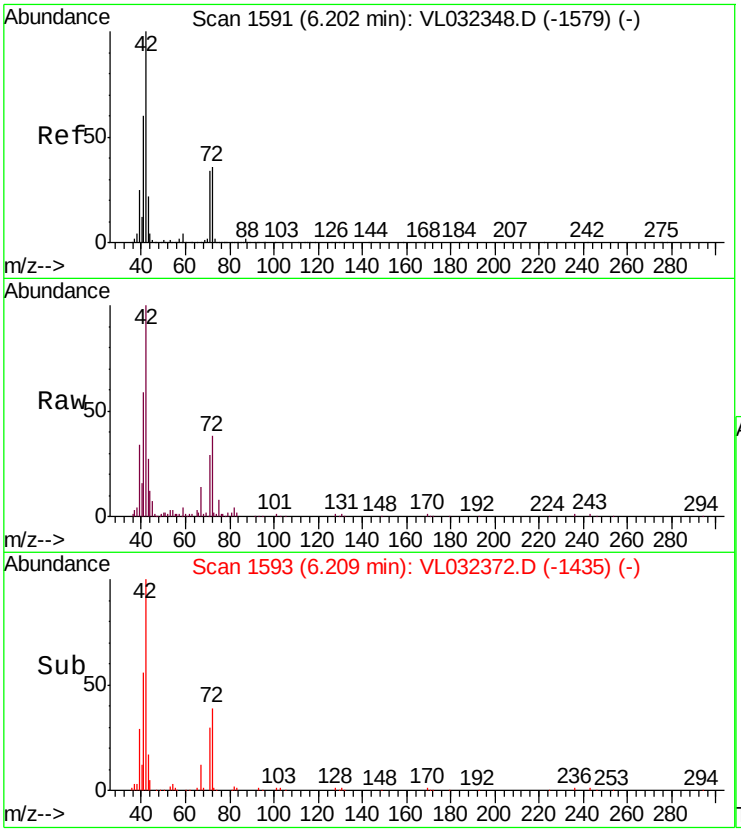


#39
1,2-Dichloropropane
Concen: 7.326 ppbv
RT: 7.36 min Scan# 1950
Delta R.T. -0.44 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 63 Resp: 914554

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.5	83.3#
62	15.4	56.3	84.5#



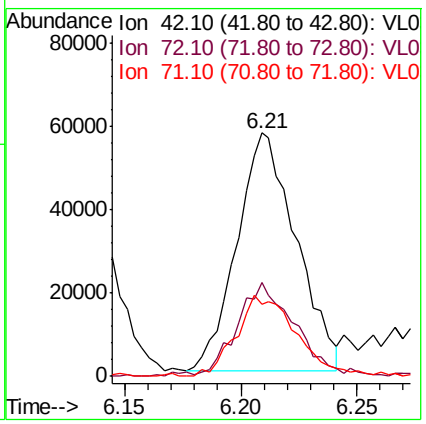


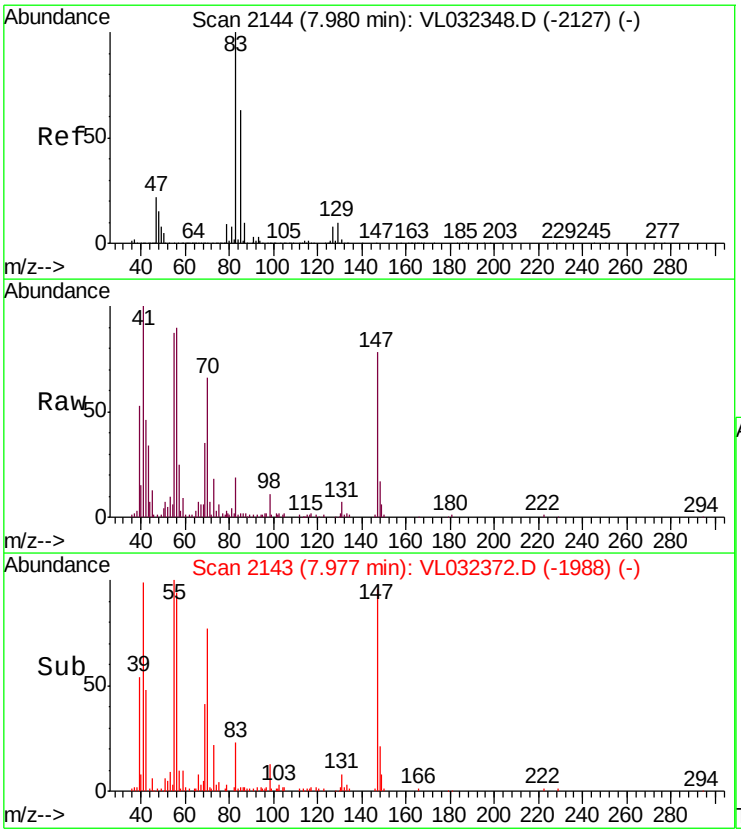
#41
Tetrahydrofuran
Concen: 0.782 ppbv
RT: 6.21 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 42 Resp: 100672

Ion	Ratio	Lower	Upper
42	100		
72	39.3	29.8	44.6
71	36.0	28.2	42.2

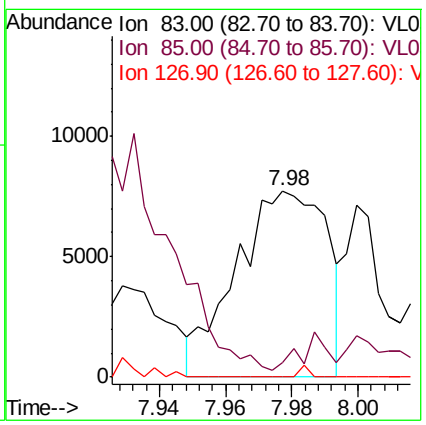


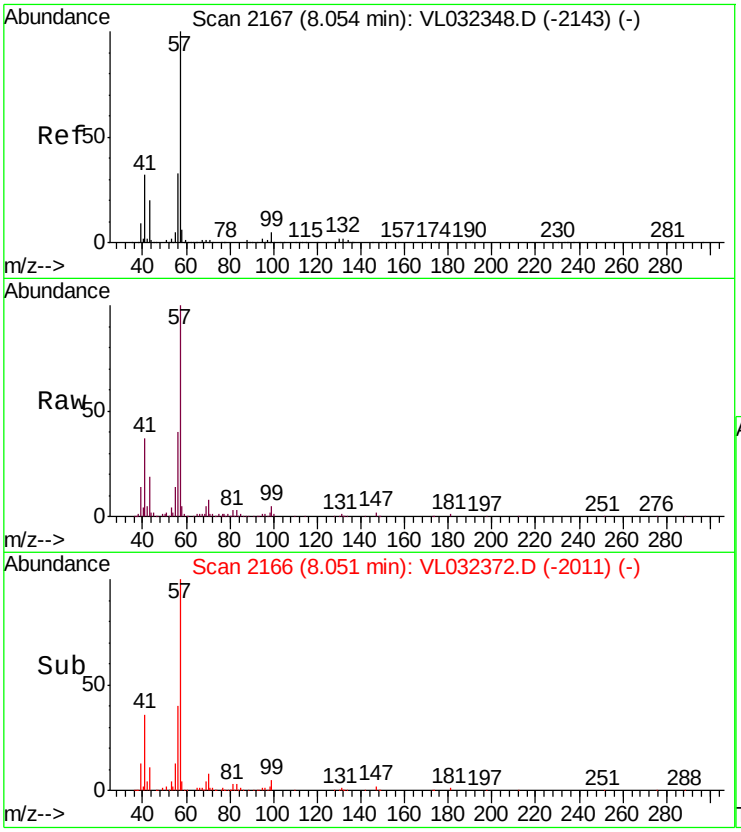


#42
Bromodichloromethane
Concen: 0.062 ppbv
RT: 7.98 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 83 Resp: 14719

Ion	Ratio	Lower	Upper
83	100		
85	0.2	50.4	75.6#
127	0.0	6.1	9.1#



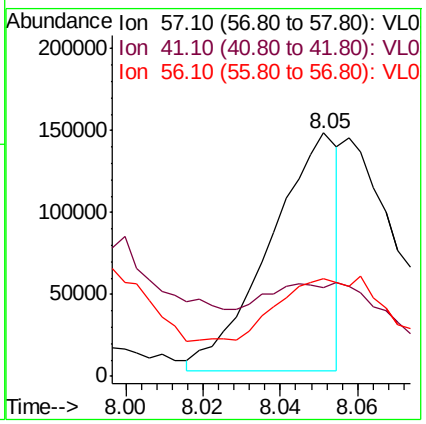


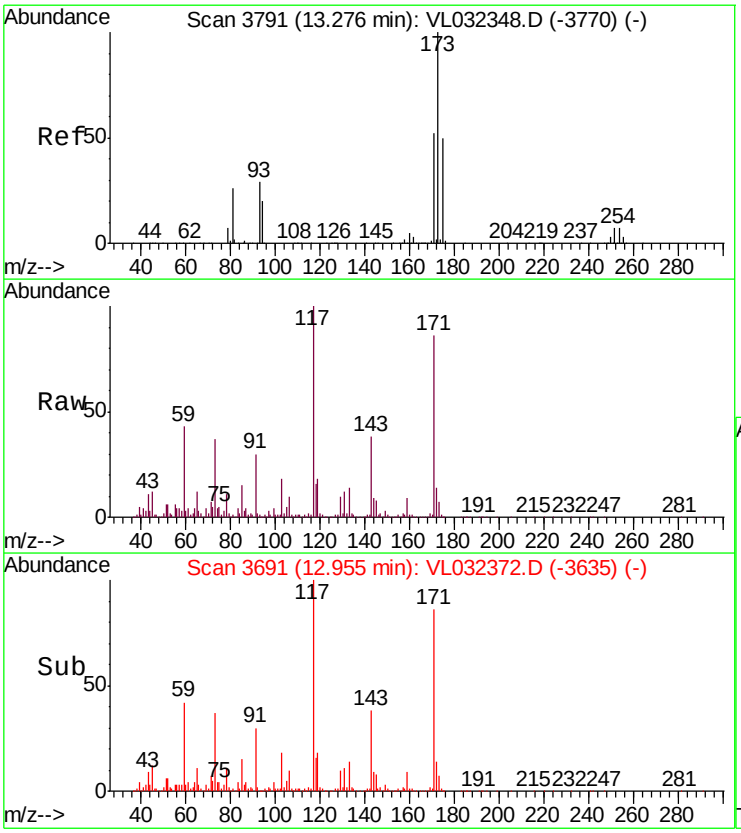
#44
2,2,4-Trimethylpentane
Concen: 0.330 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 57 Resp: 177934

Ion	Ratio	Lower	Upper
57	100		
41	0.0	24.3	36.5#
56	0.0	25.7	38.5#

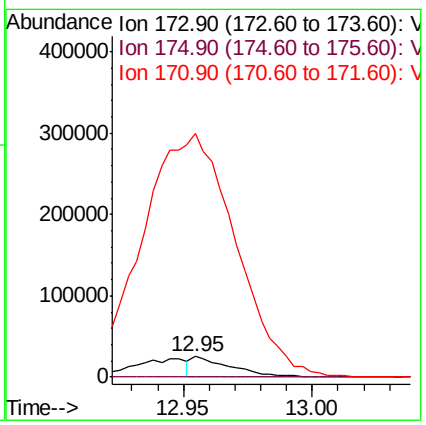


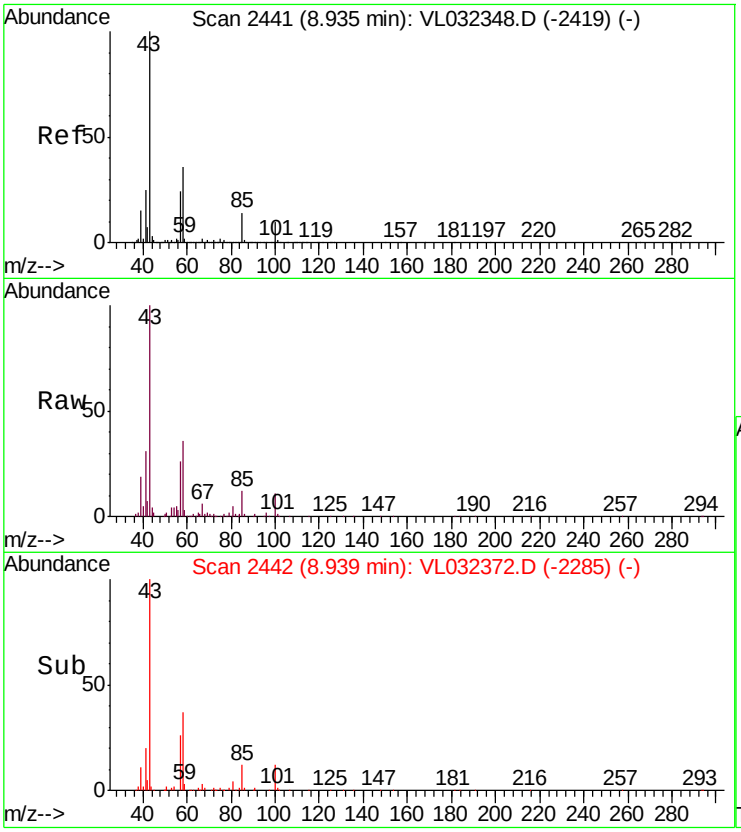


#49
Bromoform
Concen: 0.176 ppbv
RT: 12.95 min Scan# 3691
Delta R.T. -0.32 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:173 Resp: 26833

Ion	Ratio	Lower	Upper
173	100		
175	9.0	39.3	58.9#
171	2842.2	41.9	62.9#



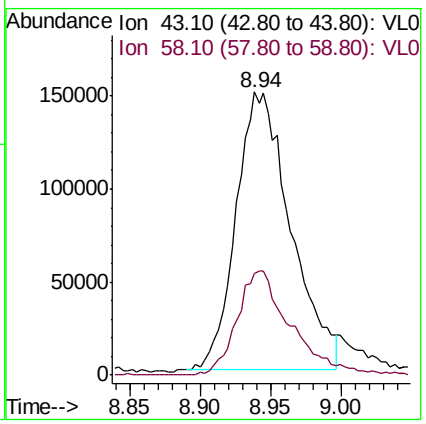


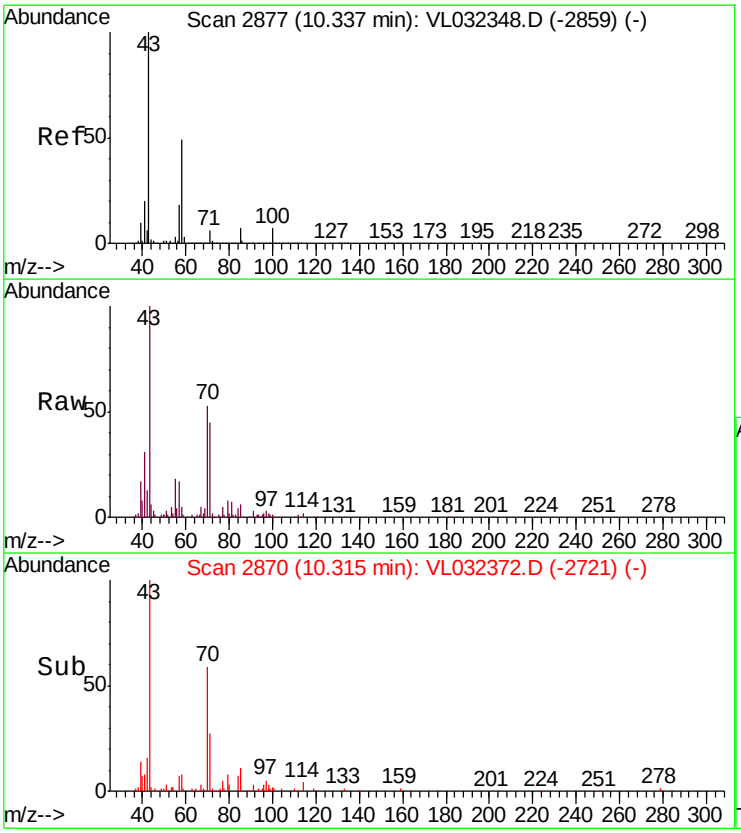
#50
4-Methyl-2-Pentanone
Concen: 1.171 ppbv
RT: 8.94 min Scan# 2442
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 43 Resp: 405749

Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.9	43.3

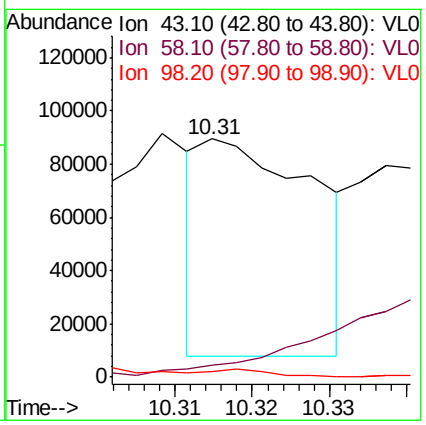


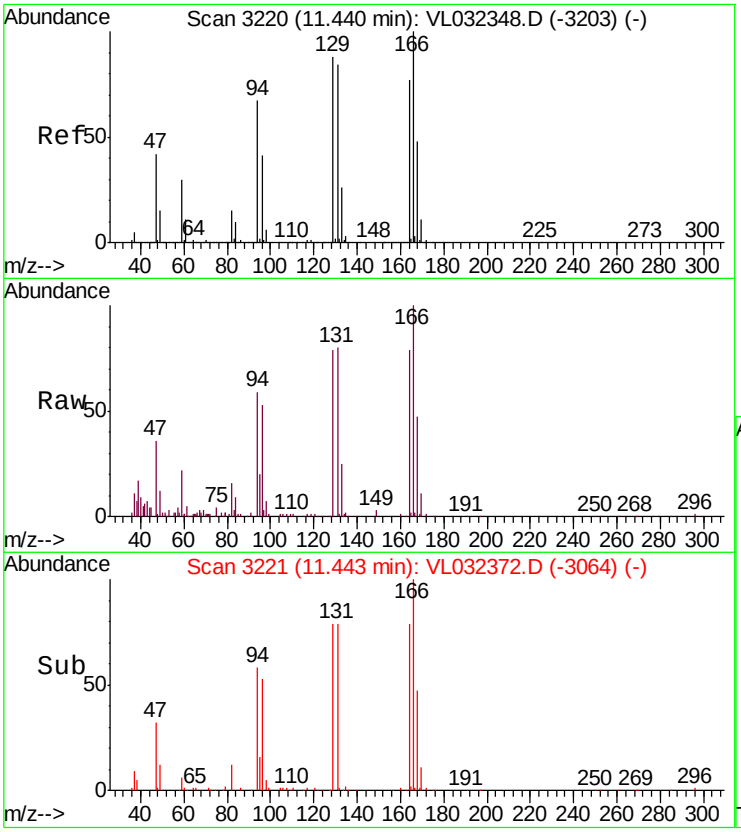


#51
2-Hexanone
Concen: 0.340 ppbv
RT: 10.31 min Scan# 2870
Delta R.T. -0.02 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 43 Resp: 82621

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.5	59.3#
98	0.0	0.3	0.5#



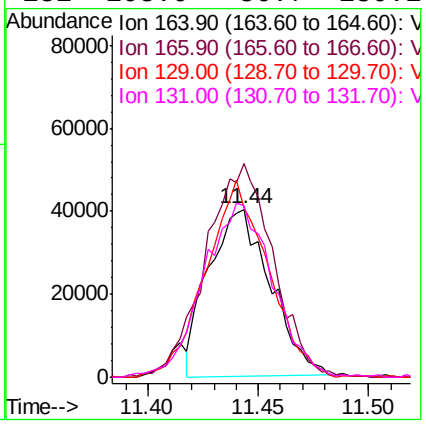


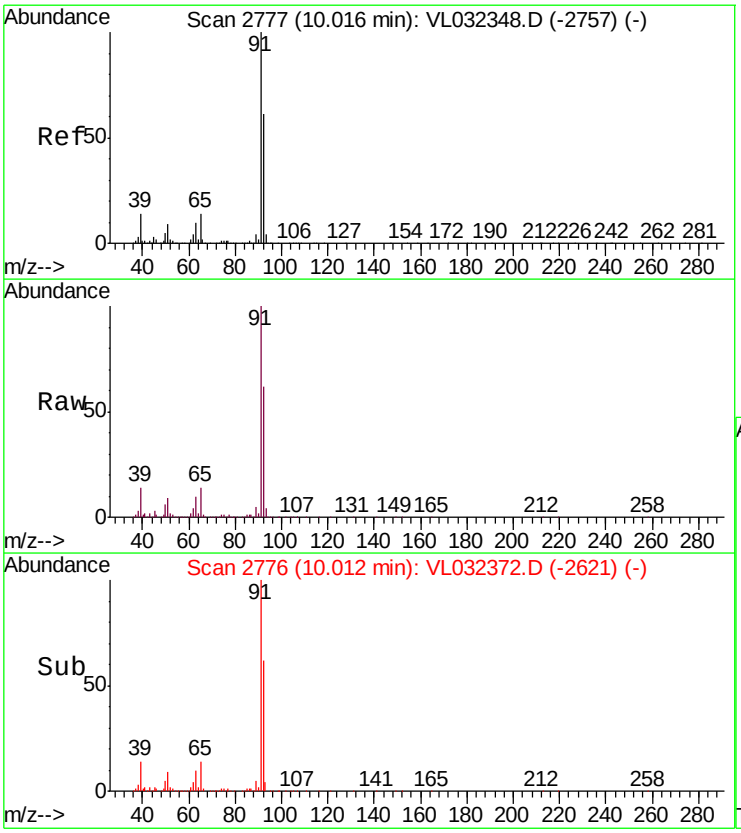
#52
Tetrachloroethene
Concen: 0.889 ppbv
RT: 11.44 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:164 Resp: 78349

Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.5	155.3
129	102.0	90.9	136.3
131	103.0	86.7	130.1

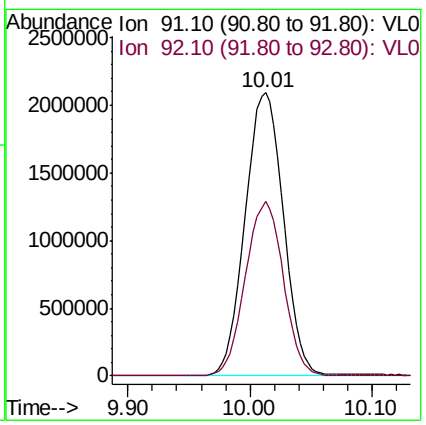


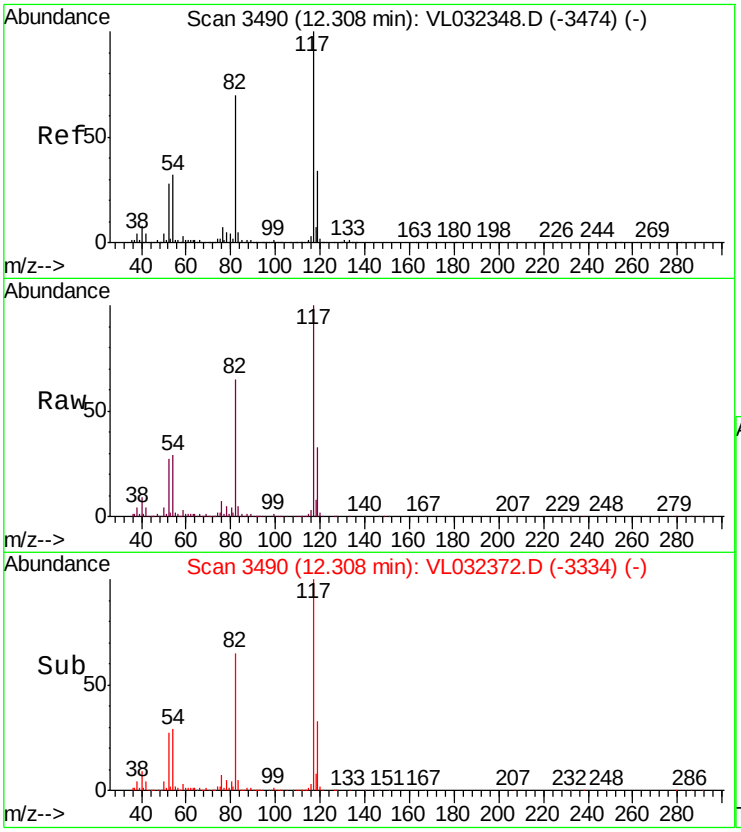


#53
Toluene
Concen: 13.860 ppbv
RT: 10.01 min Scan# 2776
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 91 Resp: 4540625

Ion	Ratio	Lower	Upper
91	100		
92	61.5	48.7	73.1



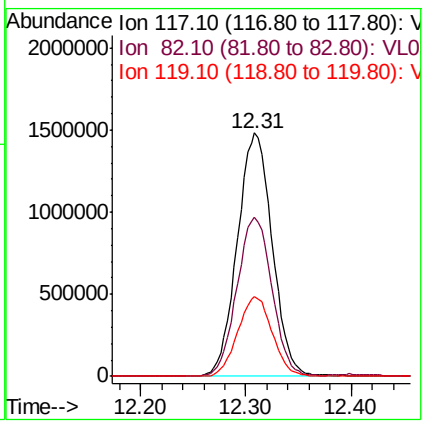


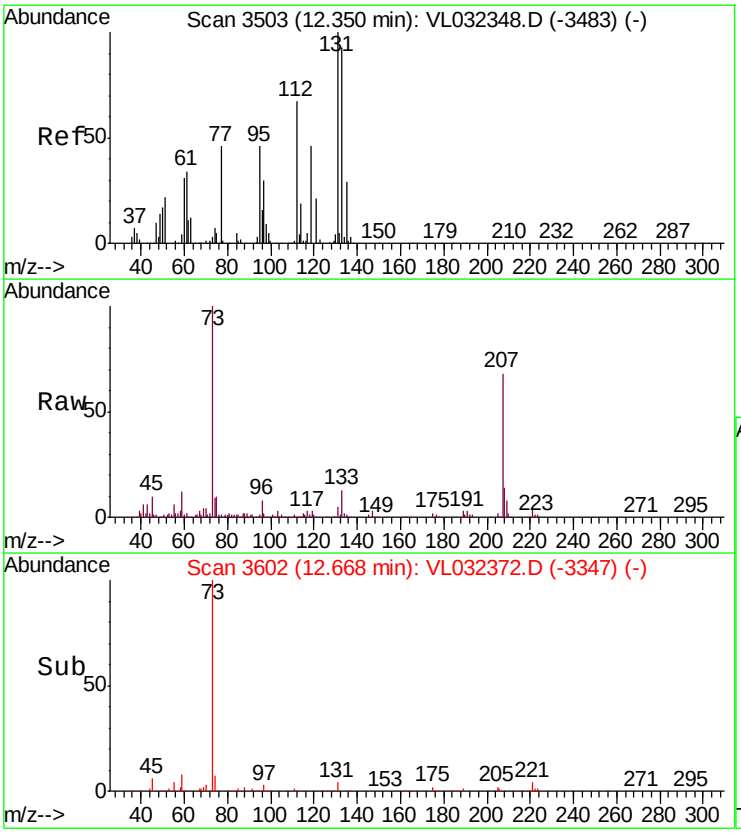
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Tgt Ion:117 Resp: 3409188

Ion	Ratio	Lower	Upper
117	100		
82	65.7	55.1	82.7
119	32.6	46.0	69.0#

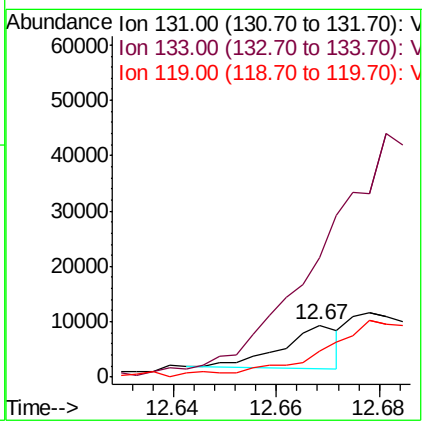


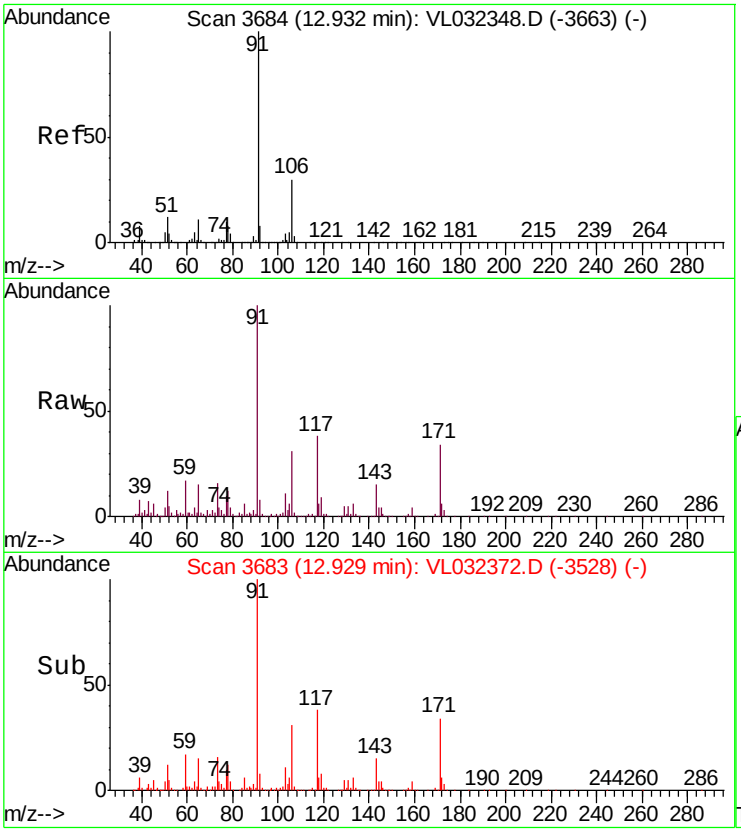


#56
1,1,1,2-Tetrachloroethane
Concen: 0.042 ppbv
RT: 12.67 min Scan# 3602
Delta R.T. 0.32 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:131 Resp: 5882

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.7	113.5#
119	0.0	116.0	174.0#



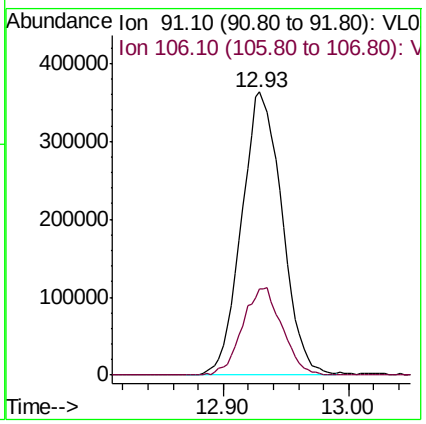


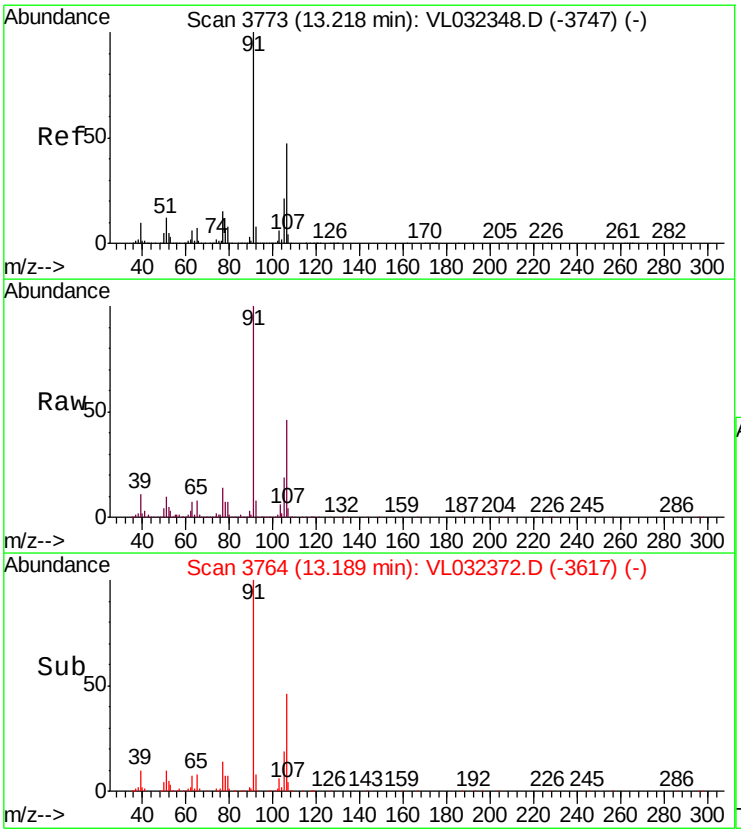
#58
Ethyl Benzene
Concen: 1.981 ppbv
RT: 12.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 91 Resp: 812611

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

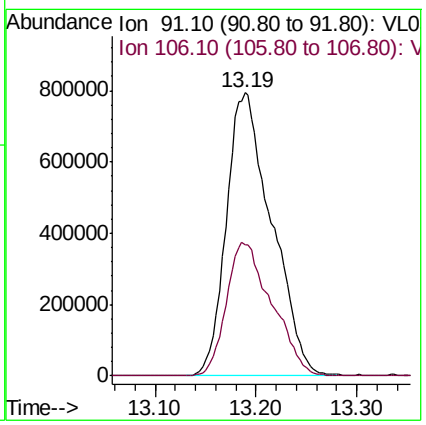


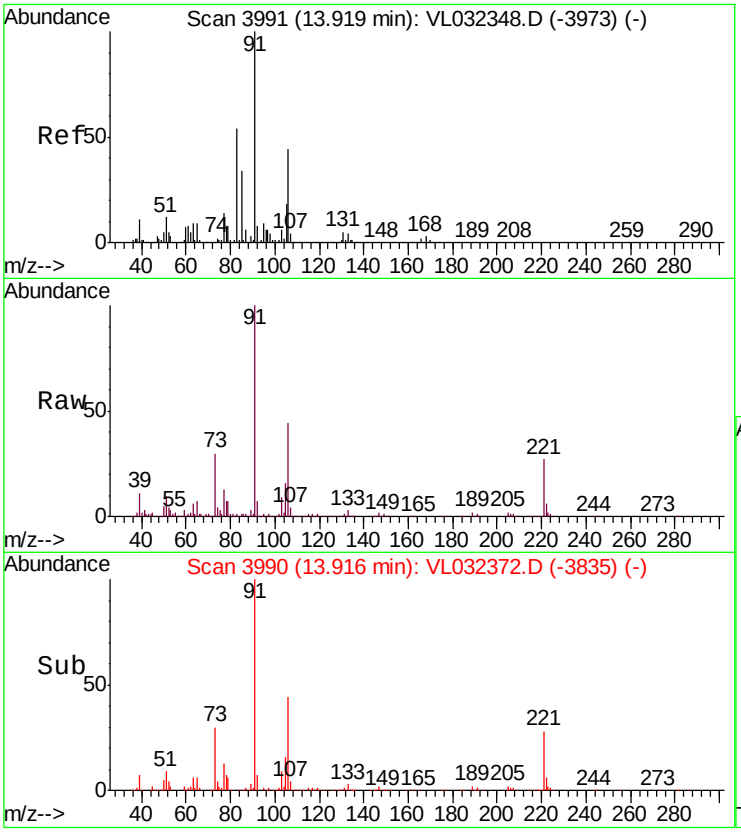


#59
m/p-Xylene
Concen: 7.087 ppbv
RT: 13.19 min Scan# 3764
Delta R.T. -0.03 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 91 Resp: 2469157

Ion	Ratio	Lower	Upper
91	100		
106	47.7	37.0	55.4



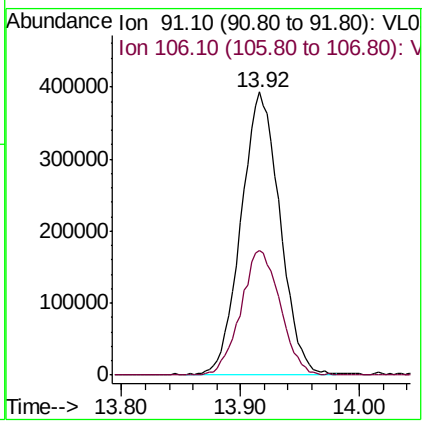


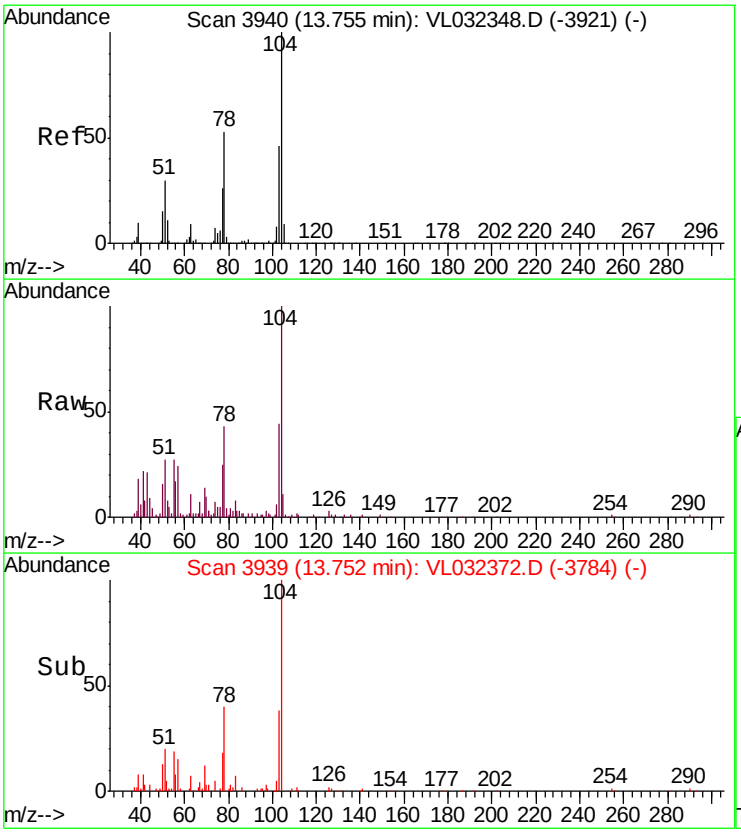
#60
o-Xylene
Concen: 2.574 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 91 Resp: 881614

Ion	Ratio	Lower	Upper
91	100		
106	45.2	22.3	66.8

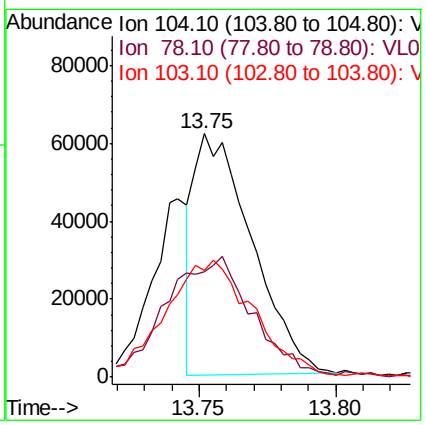


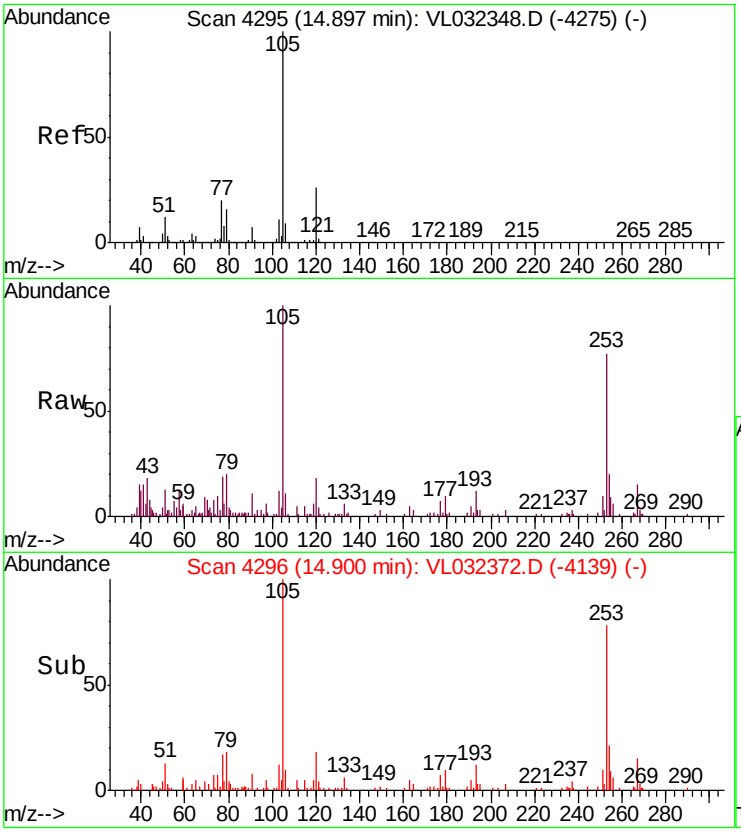


#61
Styrene
Concen: 0.376 ppbv
RT: 13.75 min Scan# 3939
Delta R.T. -0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:104 Resp: 89924

Ion	Ratio	Lower	Upper
104	100		
78	77.5	42.6	64.0#
103	76.9	38.0	57.0#



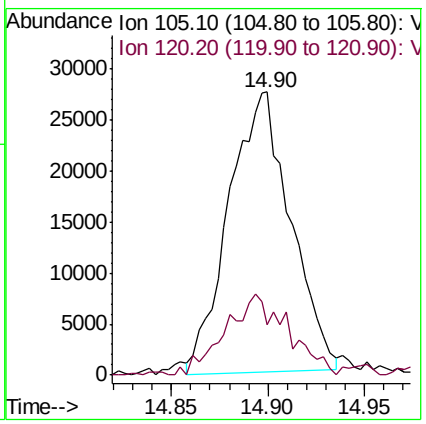


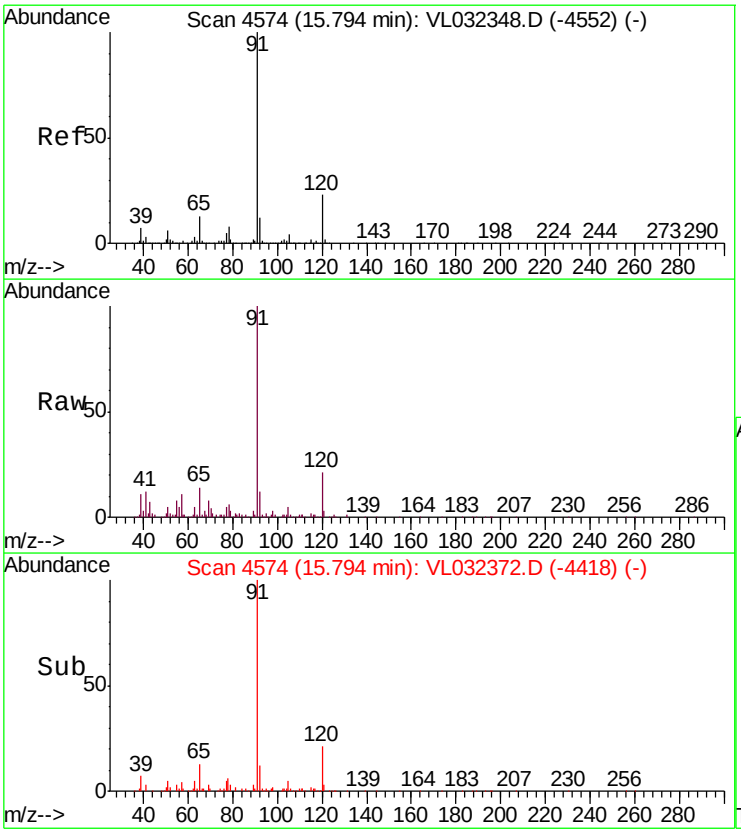
#62
Isopropylbenzene
Concen: 0.125 ppbv
RT: 14.90 min Scan# 4296
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:105 Resp: 61144

Ion	Ratio	Lower	Upper
105	100		
120	30.9	20.6	30.8#

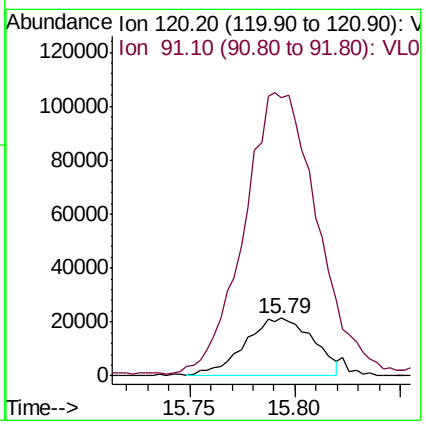


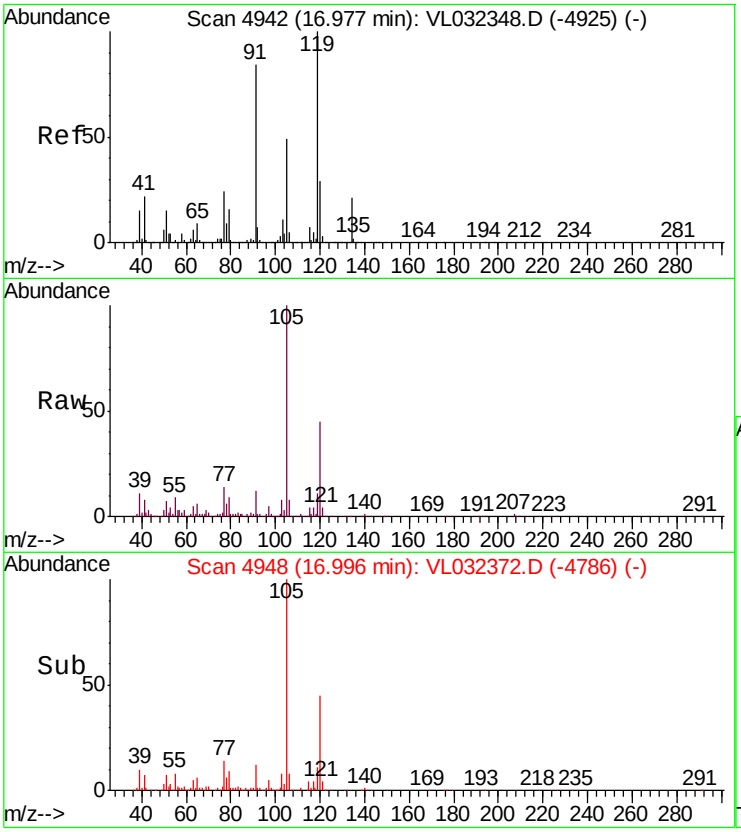


#64
n-propylbenzene
Concen: 0.381 ppbv
RT: 15.79 min Scan# 4574
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:120 Resp: 48023

Ion	Ratio	Lower	Upper
120	100		
91	533.0	382.2	573.2



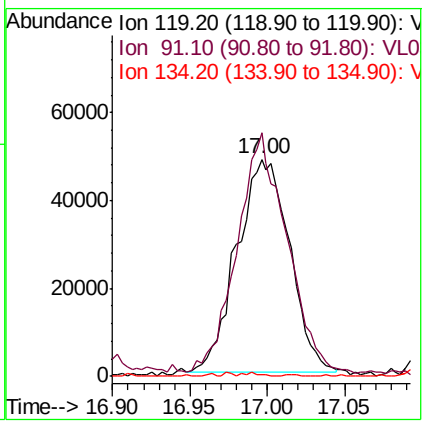


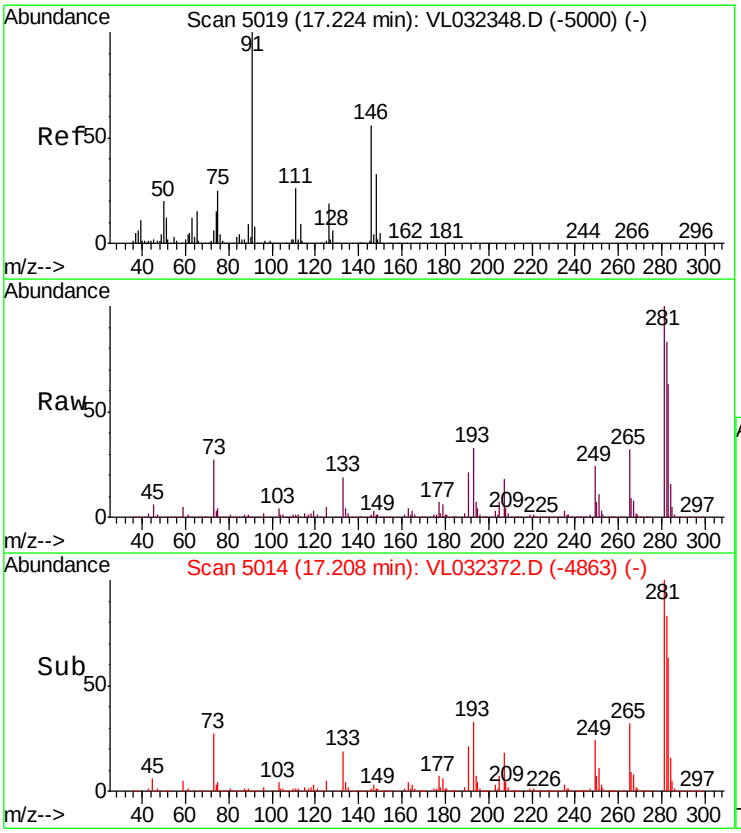
#65
tert-Butylbenzene
Concen: 0.277 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. 0.02 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument : MSVOA_L
ClientSampleId : DUP1-MIVI

Tgt Ion:119 Resp: 115316

Ion	Ratio	Lower	Upper
119	100		
91	106.6	67.4	101.0#
134	0.0	15.8	23.6#

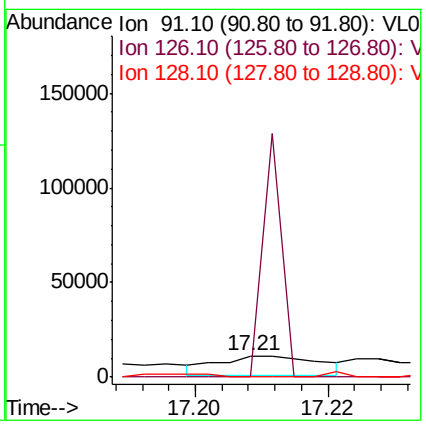


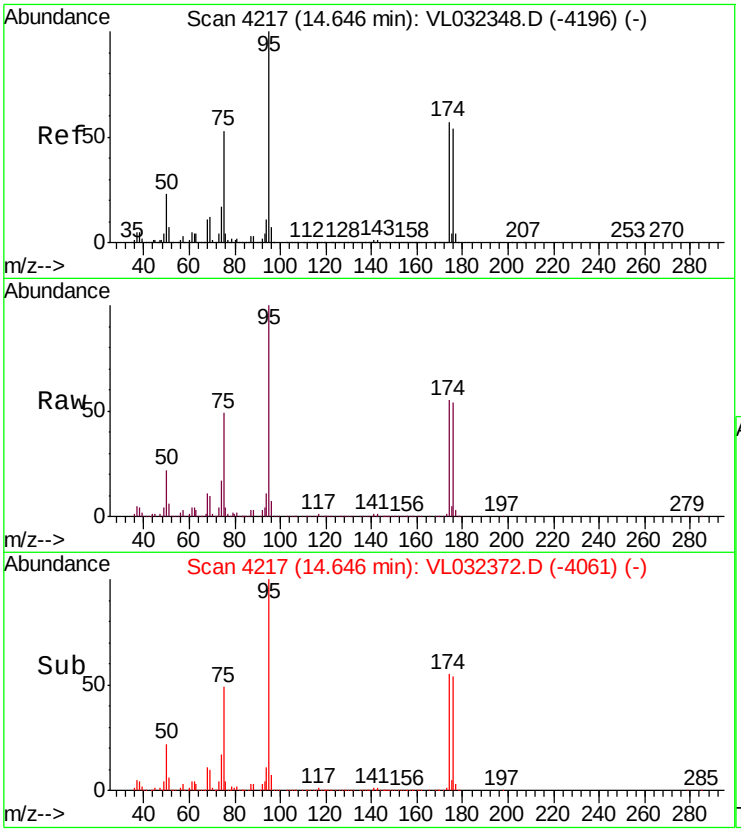


#66
Benzyl Chloride
Concen: 0.044 ppbv
RT: 17.21 min Scan# 5014
Delta R.T. -0.02 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 91 Resp: 10908

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.2	21.4#
128	0.0	4.5	6.7#



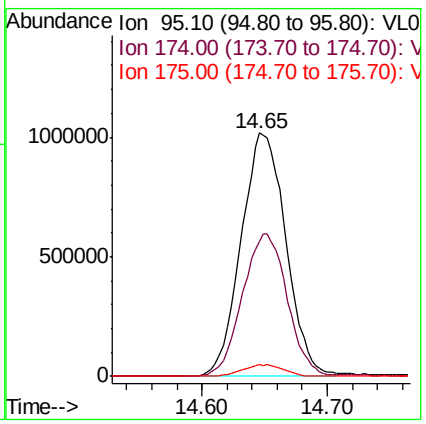


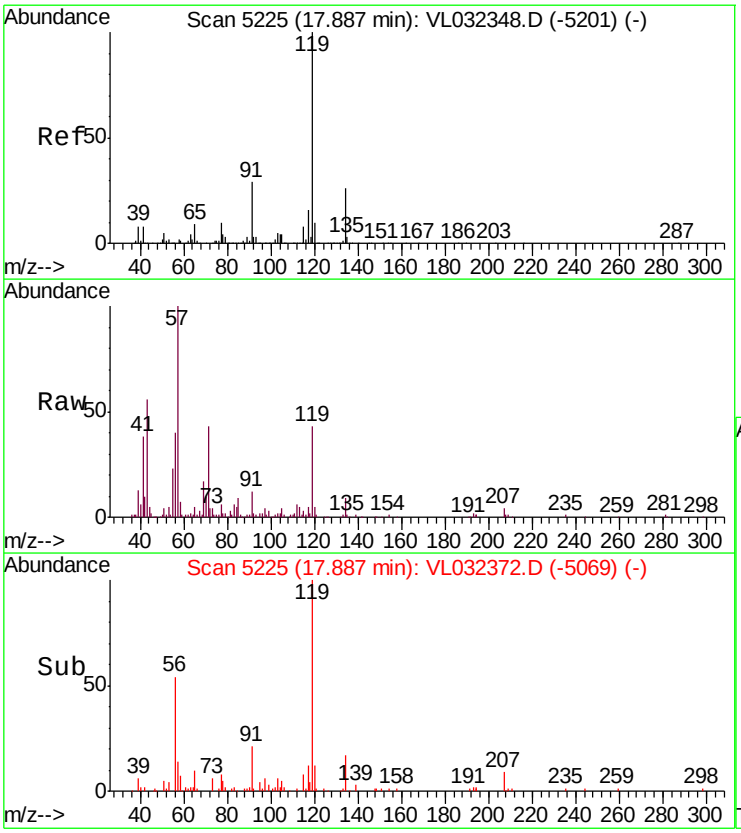
#68
1-Bromo-4-Fluorobenzene
Concen: 9.672 ppbv
RT: 14.65 min Scan# 4217
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 95 Resp: 2515573

Ion	Ratio	Lower	Upper
95	100		
174	59.5	46.2	69.4
175	4.6	3.4	5.0

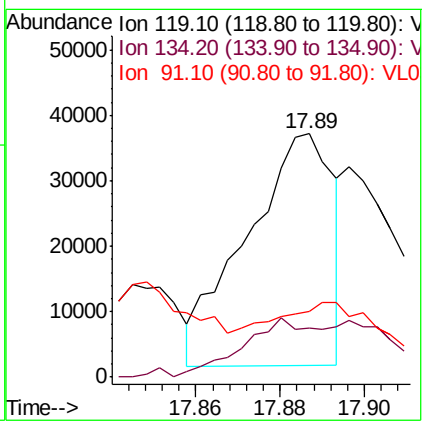


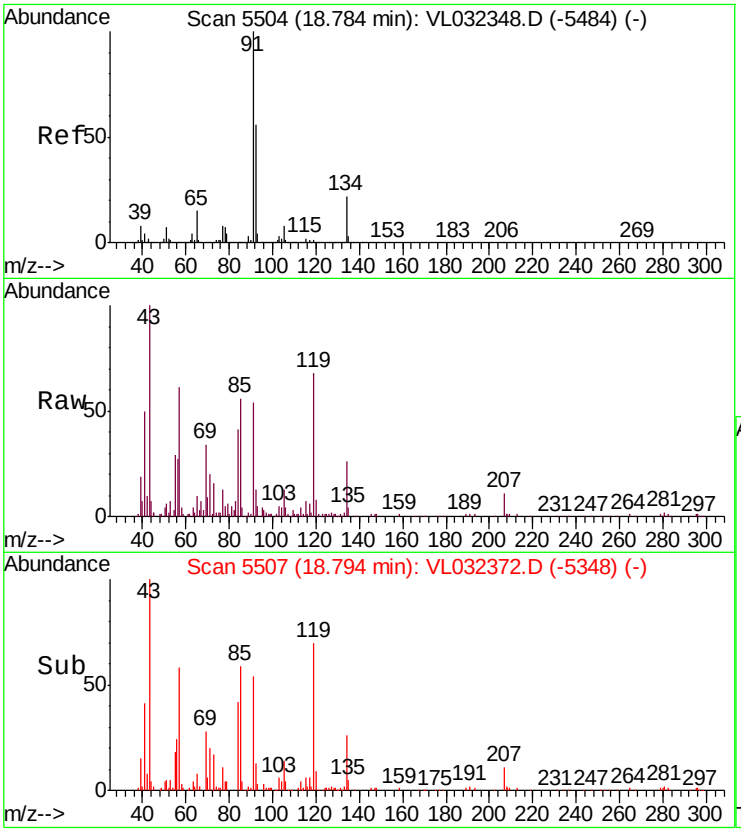


#69
p-Isopropyltoluene
Concen: 0.107 ppbv
RT: 17.89 min Scan# 5225
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:119 Resp: 50740

Ion	Ratio	Lower	Upper
119	100		
134	43.0	20.4	30.6#
91	0.0	23.6	35.4#



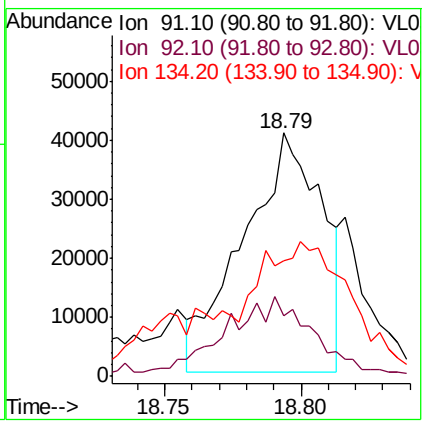


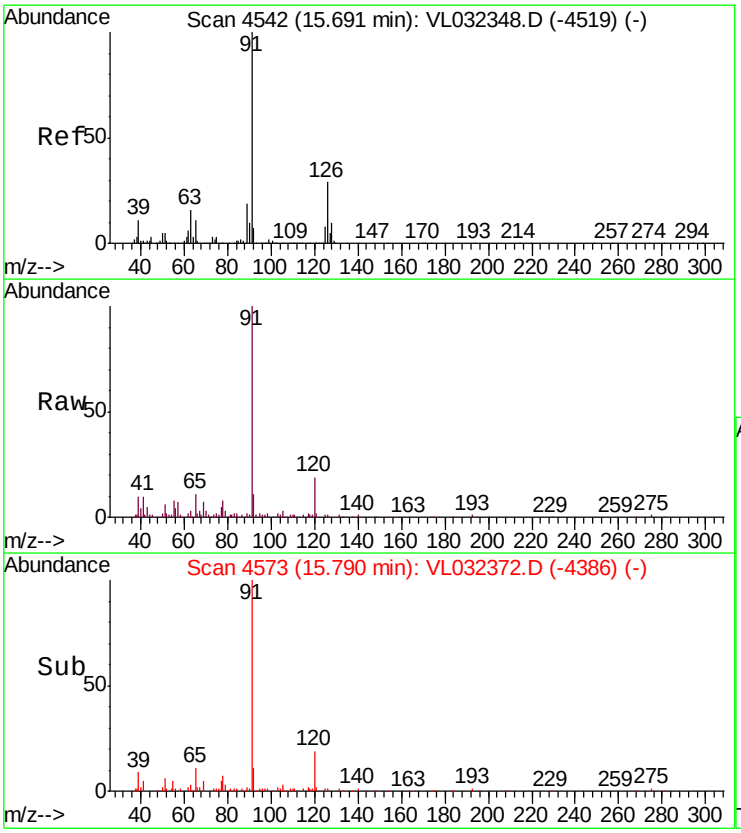
#70
n-Butylbenzene
Concen: 0.157 ppbv
RT: 18.79 min Scan# 5507
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion: 91 Resp: 81383

Ion	Ratio	Lower	Upper
91	100		
92	40.7	43.9	65.9#
134	100.1	17.3	25.9#

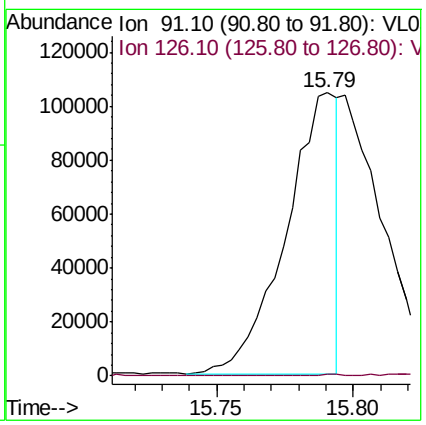


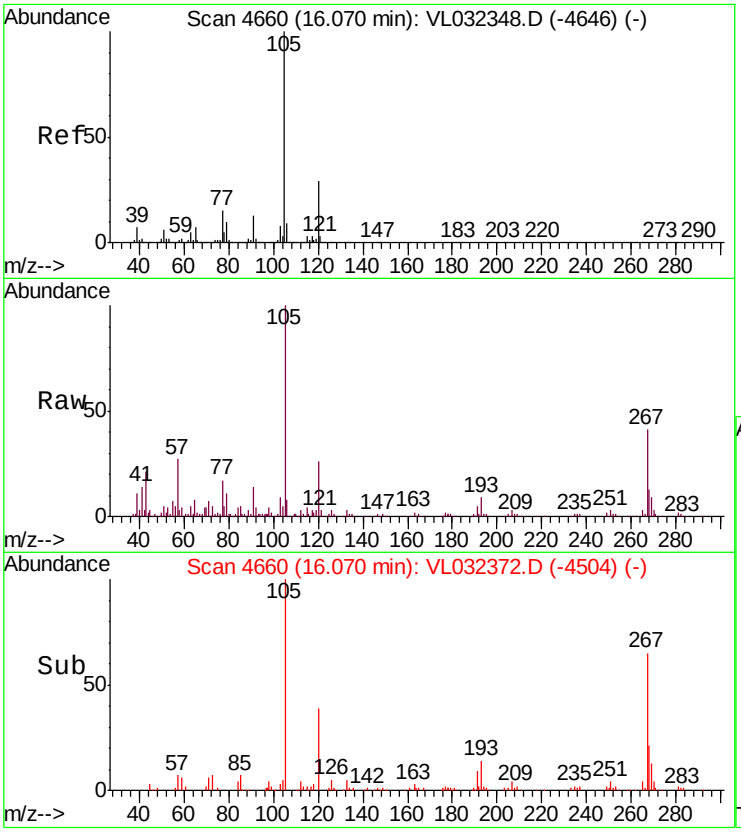


#71
2-Chlorotoluene
Concen: 0.362 ppbv
RT: 15.79 min Scan# 4573
Delta R.T. 0.10 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion: 91 Resp: 136495

Ion	Ratio	Lower	Upper
91	100		
126	0.7	11.8	47.2#



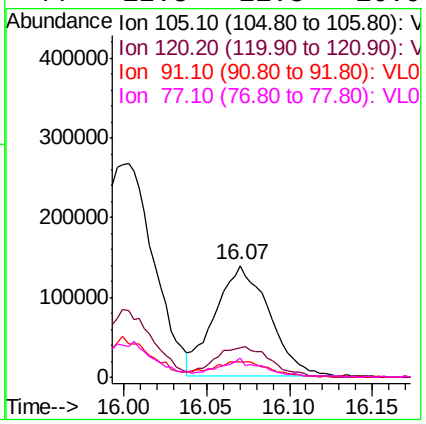


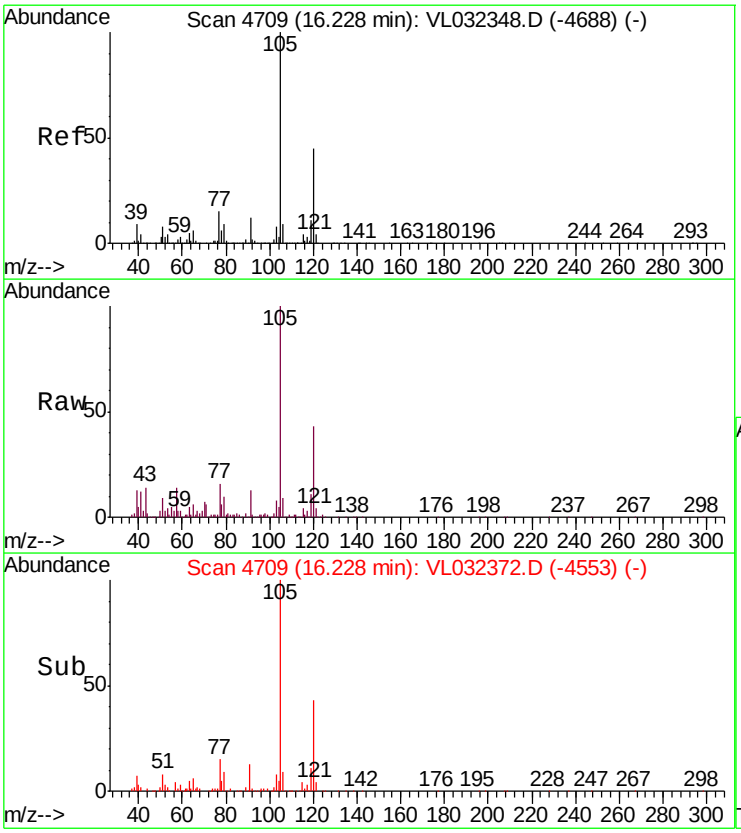
#72
4-Ethyltoluene
Concen: 0.822 ppbv
RT: 16.07 min Scan# 4660
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:105 Resp: 313823

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.4	35.0
91	15.5	10.0	15.0#
77	12.8	11.3	16.9

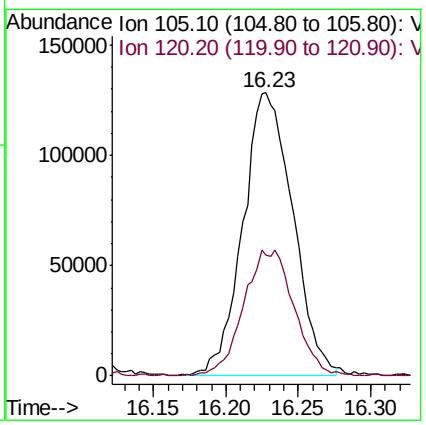


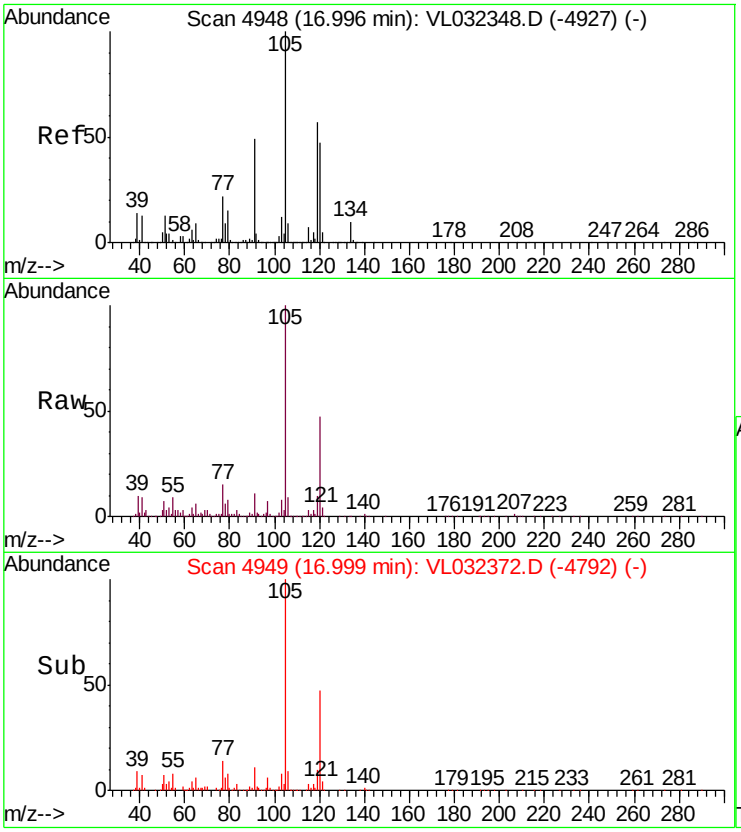


#73
1,3,5-Trimethylbenzene
Concen: 0.831 ppbv
RT: 16.23 min Scan# 4709
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:105 Resp: 305280

Ion	Ratio	Lower	Upper
105	100		
120	42.5	36.3	54.5



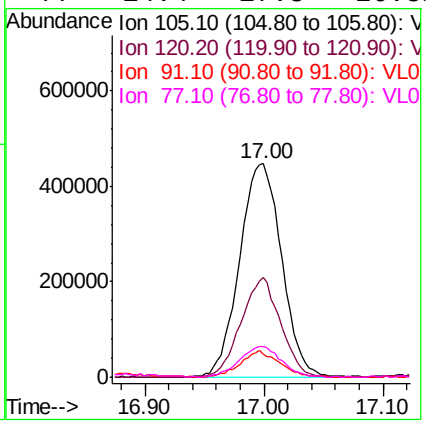


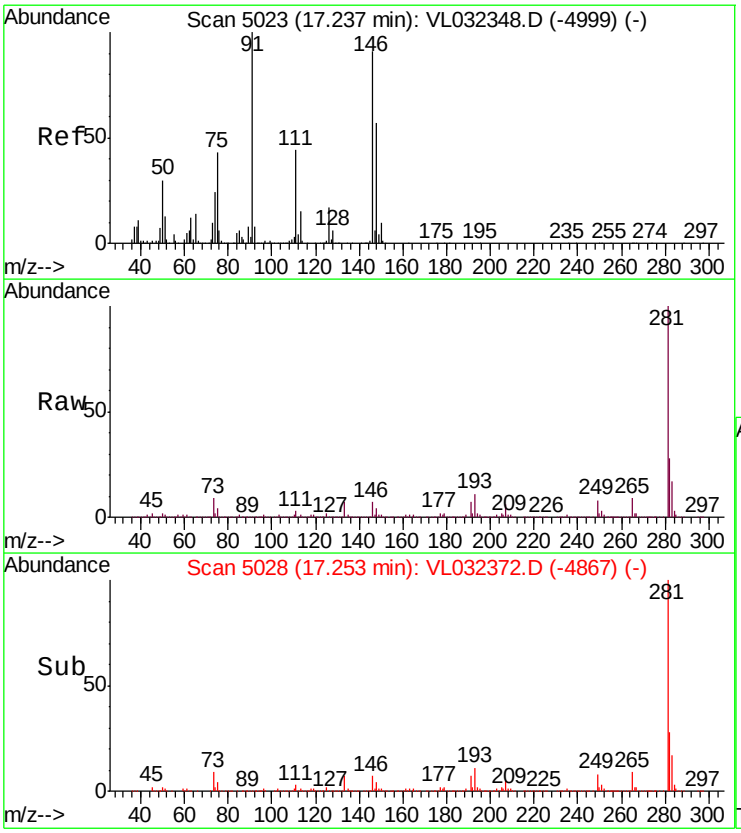
#74
1,2,4-Trimethylbenzene
Concen: 2.788 ppbv
RT: 17.00 min Scan# 4949
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:105 Resp: 1089809

Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.6	56.4
91	10.7	39.9	59.9#
77	14.4	17.8	26.8#

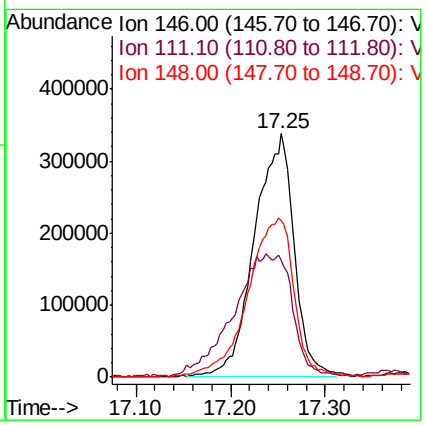


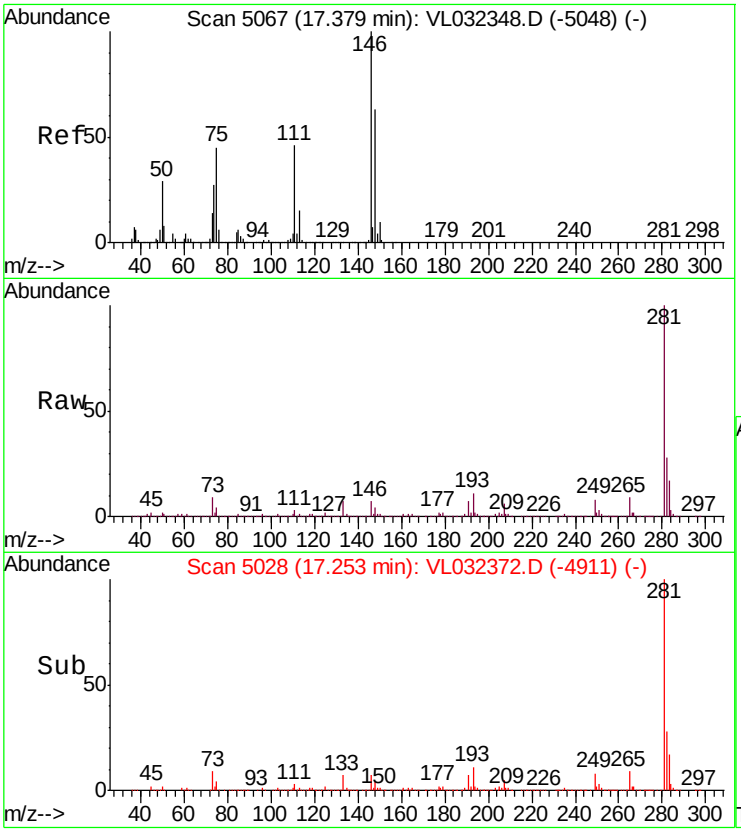


#75
1,3-Dichlorobenzene
Concen: 4.139 ppbv
RT: 17.25 min Scan# 5028
Delta R.T. 0.02 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:146 Resp: 972358

Ion	Ratio	Lower	Upper
146	100		
111	74.5	24.6	73.8#
148	77.4	32.0	96.0



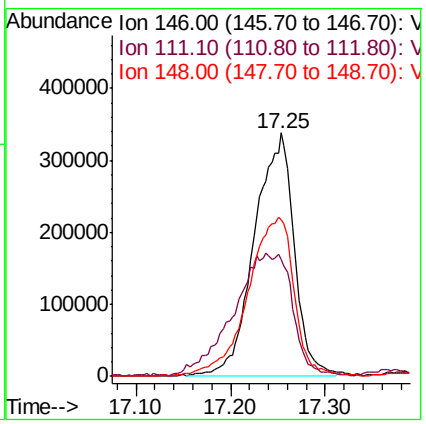


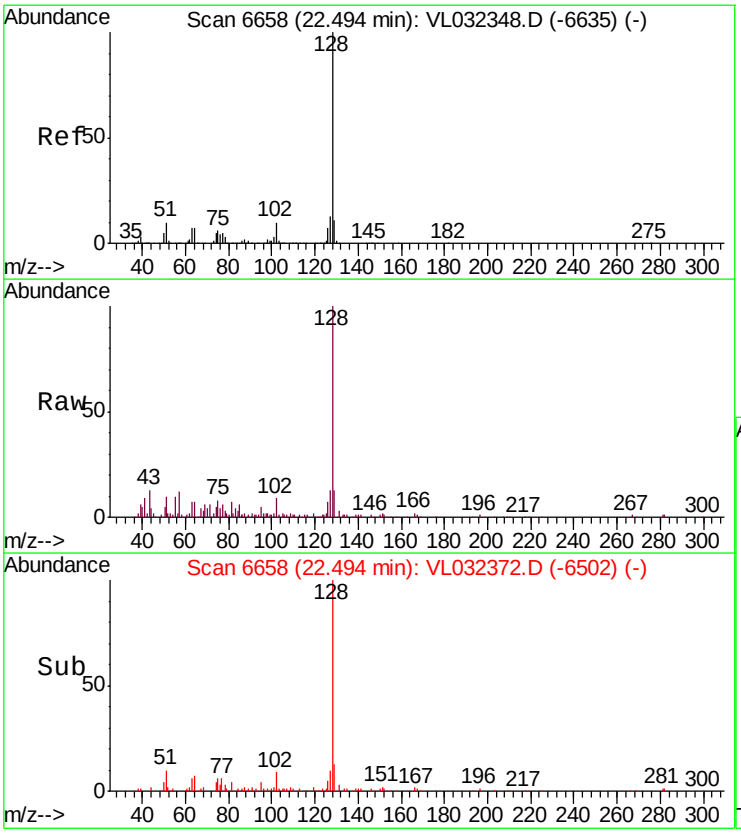
#76
1,4-Dichlorobenzene
Concen: 4.369 ppbv
RT: 17.25 min Scan# 5028
Delta R.T. -0.13 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:146 Resp: 972358

Ion	Ratio	Lower	Upper
146	100		
111	75.9	23.8	71.4#
148	77.4	32.2	96.6

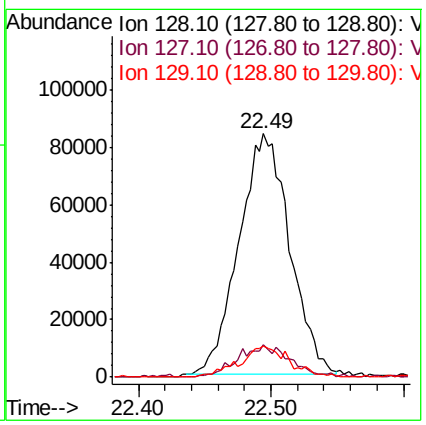


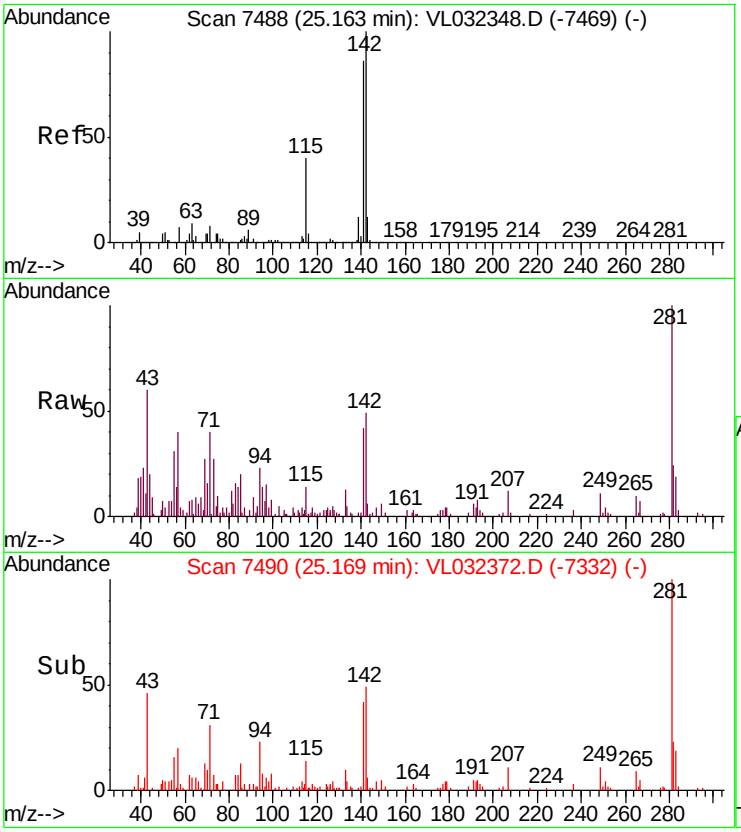


#79
Naphthalene
Concen: 0.919 ppbv
RT: 22.49 min Scan# 6658
Delta R.T. 0.00 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Tgt Ion:128 Resp: 223706

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	12.9	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.221 ppbv
RT: 25.17 min Scan# 7490
Delta R.T. 0.01 min
Lab File: VL032372.D
Acq: 16 Aug 2018 5:16

Instrument :
MSVOA_L
ClientSampleId :
DUP1-MIVI

Tgt Ion:142 Resp: 17275

Ion	Ratio	Lower	Upper
142	100		
141	90.1	66.7	100.1
115	98.1	31.0	46.6#