Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033956.D
Acq On : 25 Jun 2019 3:55
Operator : SY/AP
Sample : K3474-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MID

Quant Time: Jun 25 05:13:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.74	49	865777	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.27	114	2054886	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.21	117	2466638	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.54	95	1896155	9.36	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	52842	0.376	ppbv		99
3) Chlorodifluoromethane	2.98	51	146096	1.433	ppbv	#	75
4) Chloromethane	3.16	50	31974	0.550	ppbv		91
5) Vinyl Chloride	3.28	62	3043	0.056	ppbv	#	69
7) Chloroethane	3.59	64	13531	0.634	ppbv	#	82
9) Propene	3.03	41	82879	2.173	ppbv		91
10) Heptane	8.21	43	8505	0.088	ppbv	#	42
11) Trichlorofluoromethane	3.99	101	84842	0.468	ppbv		88
13) Ethanol	3.64	45	1778899	143.365	ppbv		97
15) Acetone	3.88	43	2041998	16.172	ppbv		93
16) 1,3-Butadiene	3.33	39	115857	2.411	ppbv	#	11
17) tert-Butyl alcohol	4.35	59	152069	1.541	ppbv		99
18) 1,1-Dichloroethene	4.34	96	153045	2.958	ppbv		97
19) Isopropyl Alcohol	4.02	45	1699025	23.554	ppbv	#	99
20) Methylene Chloride	4.40	84	89803	1.824	ppbv	#	89
21) Allyl Chloride	4.41	41	3461	0.048	ppbv	#	9
22) trans-1,2-Dichloroethene	4.94	96	2050	0.038	ppbv	#	66
23) Vinyl Acetate	5.13	43	302843	2.063	ppbv	#	93
24) 1,1-Dichloroethane	5.07	63	205873	1.803	ppbv		98
25) Ethyl Acetate	5.76	43	99448	0.517	ppbv	#	88
26) Hexane	5.76	57	98749	1.128	ppbv	#	46
30) Cyclohexane	7.22	84	2053	0.033	ppbv	#	1
32) 1,1,1-Trichloroethane	6.60	97	127343	0.880	ppbv		97
34) 2-Butanone	5.31	43	454083	3.917	ppbv		100
36) Benzene	6.98	78	20414	0.130	ppbv		95
39) 1,2-Dichloropropane	7.27	63	524402	8.656	ppbv	#	25
41) Tetrahydrofuran	6.12	42	501791	8.528	ppbv		98
44) 2,2,4-Trimethylpentane	7.97	57	77297	0.277	ppbv	#	24
50) 4-Methyl-2-Pentanone	8.85	43	44645	0.258	ppbv		98
51) 2-Hexanone	10.25	43	24730	0.183	ppbv	#	90
53) Toluene	9.92	91	610863	3.517	ppbv		99
56) 1,1,1,2-Tetrachloroethane	11.83	131	227649	2.113	ppbv	#	1
58) Ethyl Benzene	12.83	91	85993	0.309	ppbv		98
59) m/p-Xylene	13.09	91	485977	1.922	ppbv		99
60) o-Xylene	13.82	91	232883	0.892	ppbv		99
64) n-propylbenzene	15.69	120	6245	0.069	ppbv	#	1
65) tert-Butylbenzene	17.15	119	1876981	5.764	ppbv	#	20
66) Benzyl Chloride	17.12	91	8023	0.049	ppbv	#	66
67) sec-Butylbenzene	17.16	105	141309	0.309	ppbv	#	62
72) 4-Ethyltoluene	15.97	105	40012	0.135	ppbv	#	68
73) 1,3,5-Trimethylbenzene	16.13	105	27464	0.094	ppbv		90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033956.D
Acq On : 25 Jun 2019 3:55
Operator : SY/AP
Sample : K3474-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MID

Quant Time: Jun 25 05:13:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.90	105	206435	0.612	ppbv	#	69
75) 1,3-Dichlorobenzene	17.12	146	127687	0.604	ppbv	#	23
76) 1,4-Dichlorobenzene	17.18	146	14755	0.076	ppbv	#	23
79) Naphthalene	22.39	128	24948	0.093	ppbv		99
80) Naphthalene,2-methyl-	25.09	142	4652	0.043	ppbv	#	75
81) 1,2,4-Trichlorobenzene	21.66	180	95751	0.562	ppbv	#	25

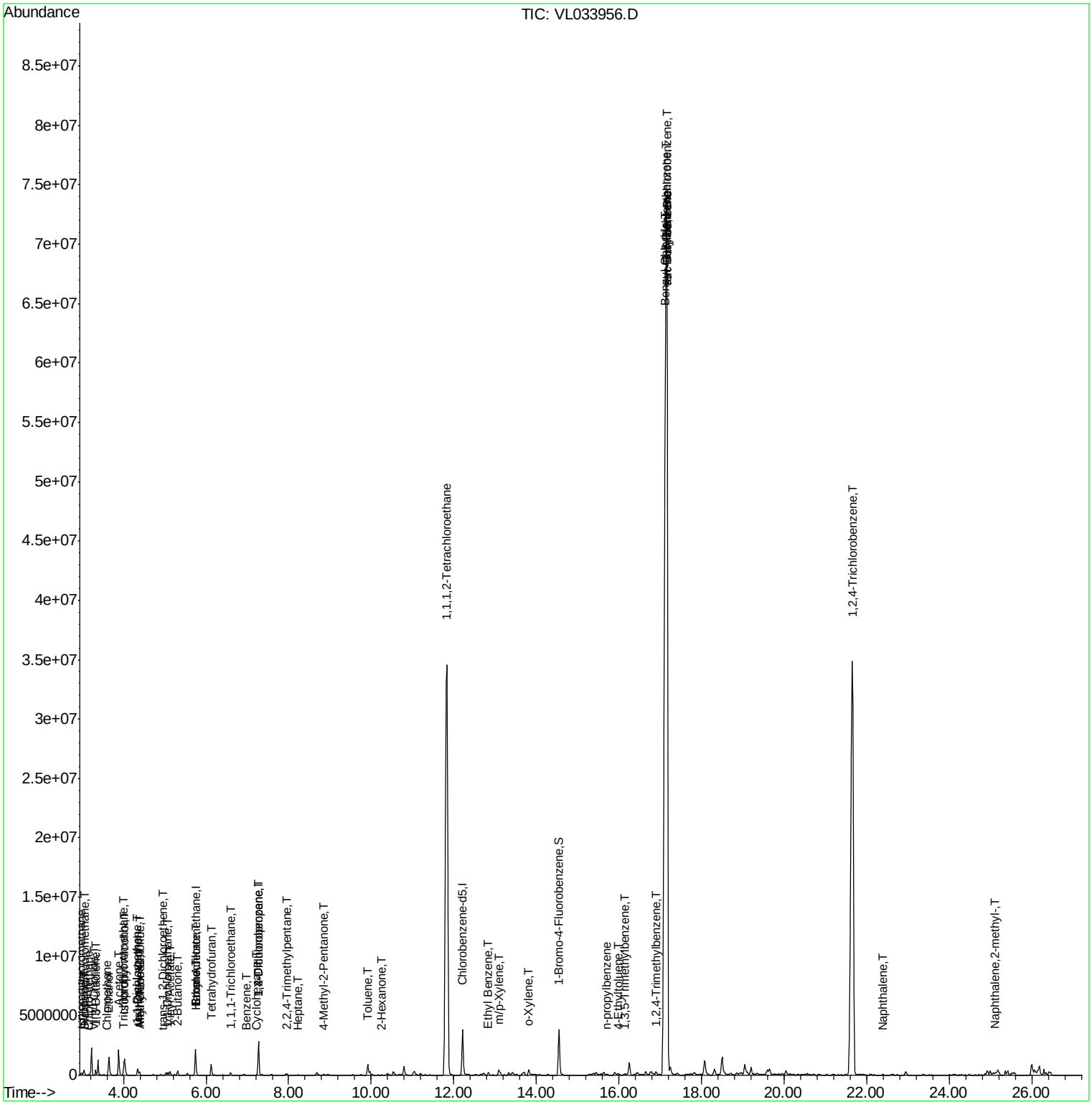
(#) = qualifier out of range (m) = manual integration (+) = signals summed

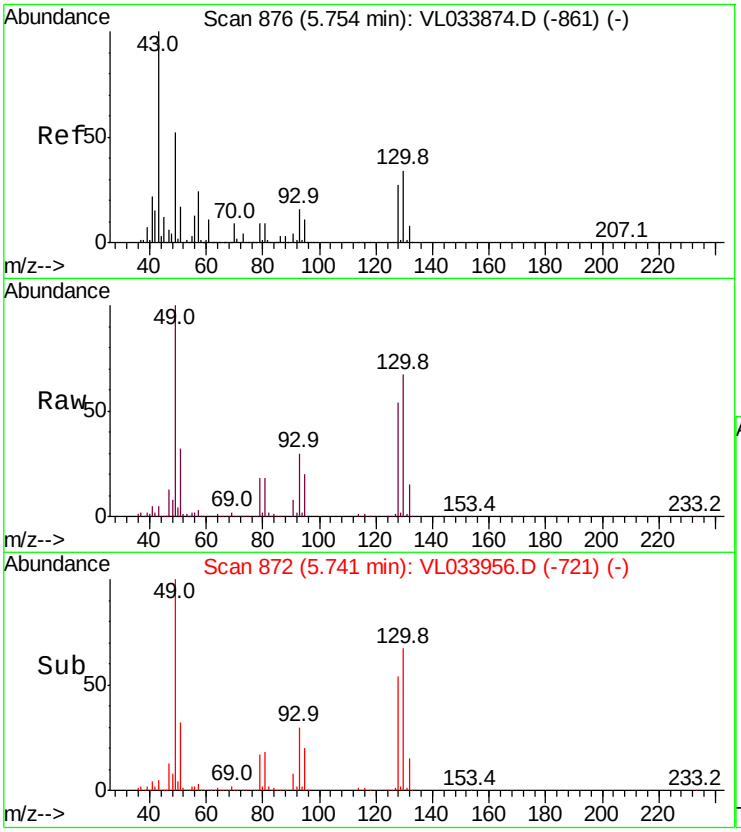
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062419\
Data File : VL033956.D
Acq On : 25 Jun 2019 3:55
Operator : SY/AP
Sample : K3474-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MID

Quant Time: Jun 25 05:13:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



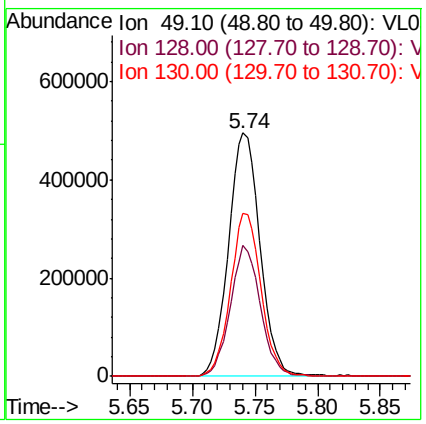


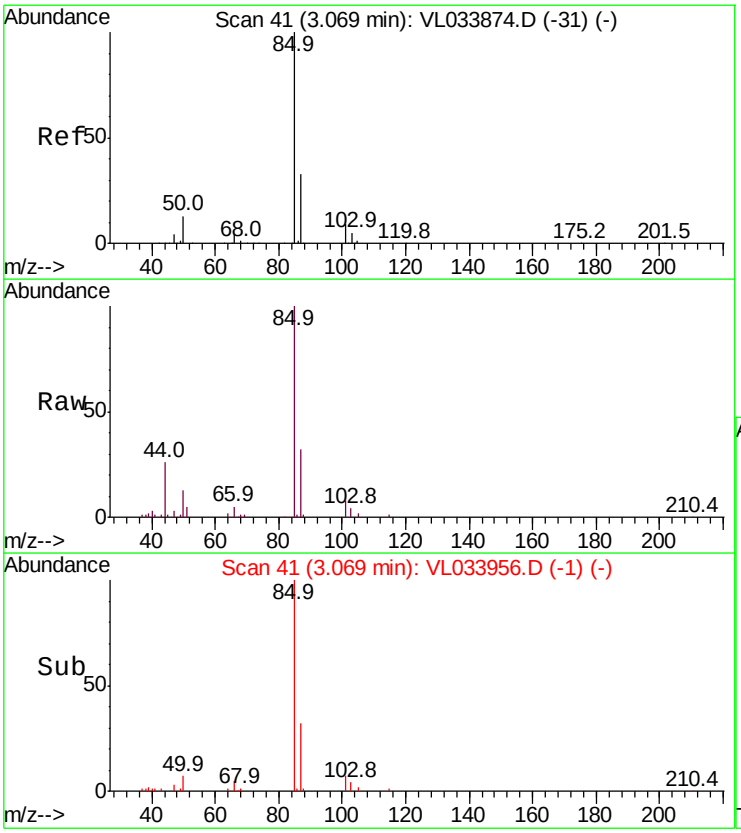
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 872
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 49 Resp: 865777

Ion	Ratio	Lower	Upper
49	100		
128	51.3	25.5	76.5
130	65.0	32.5	97.4

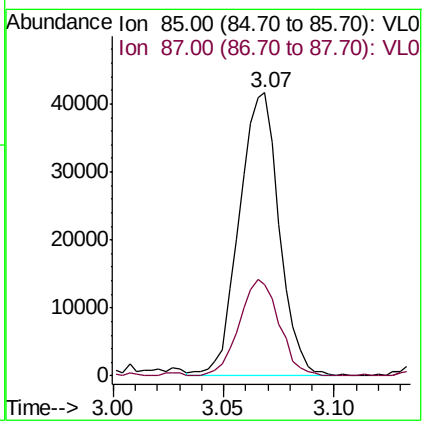


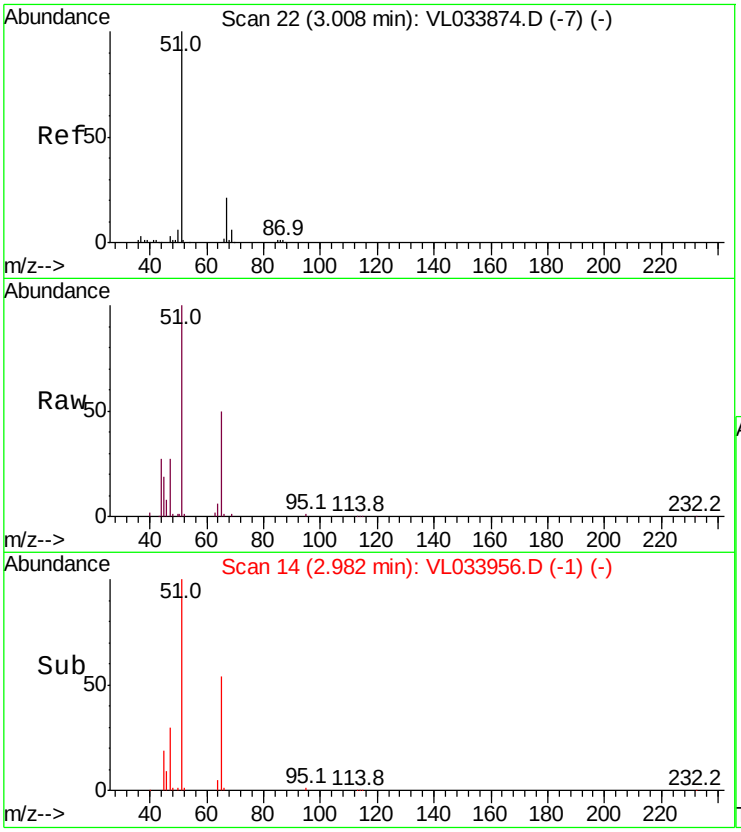


#2
Dichlorodifluoromethane
Concen: 0.376 ppbv
RT: 3.07 min Scan# 41
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 85 Resp: 52842

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.6	40.0



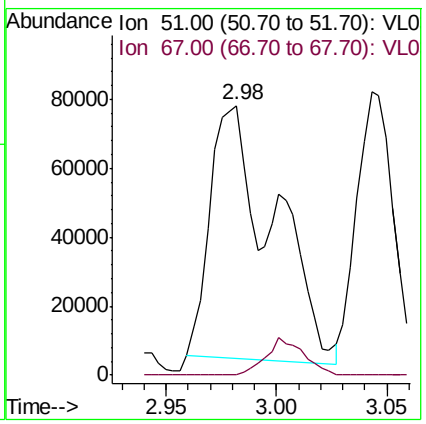


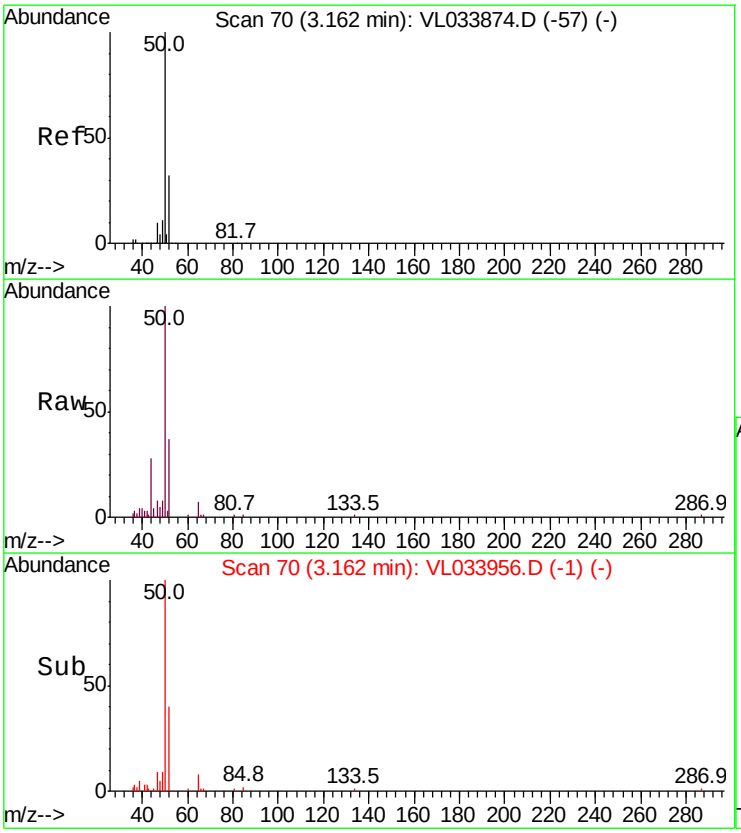
#3
Chlorodifluoromethane
Concen: 1.433 ppbv
RT: 2.98 min Scan# 14
Delta R.T. -0.03 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 51 Resp: 146096

Ion	Ratio	Lower	Upper
51	100		
67	8.8	16.4	24.6#

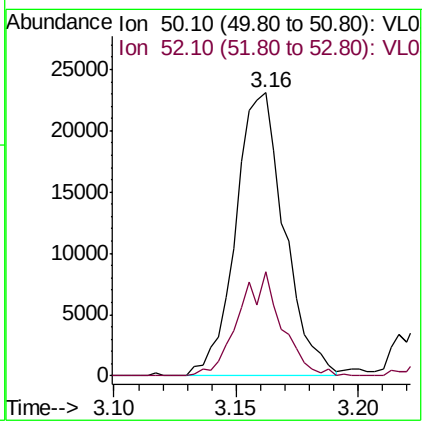


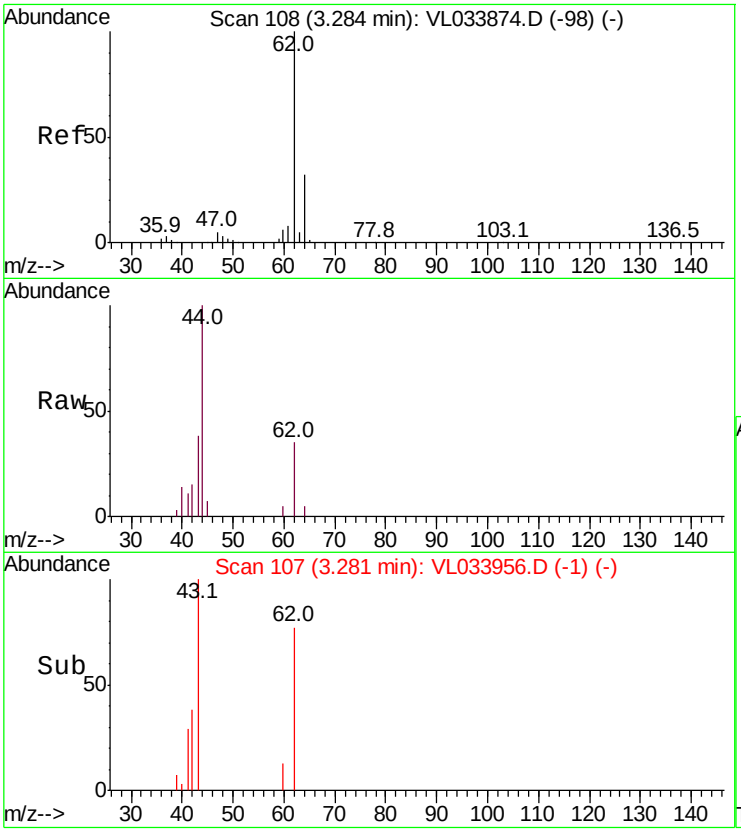


#4
Chloromethane
Concen: 0.550 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 50 Resp: 31974

Ion	Ratio	Lower	Upper
50	100		
52	36.6	25.4	38.0



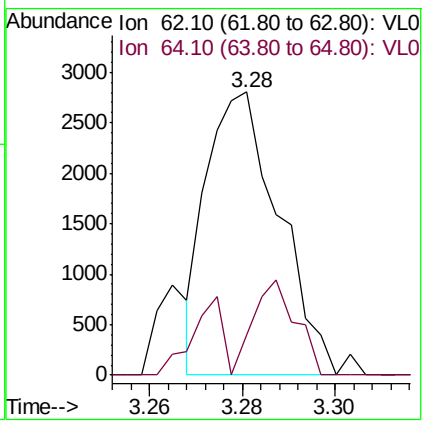


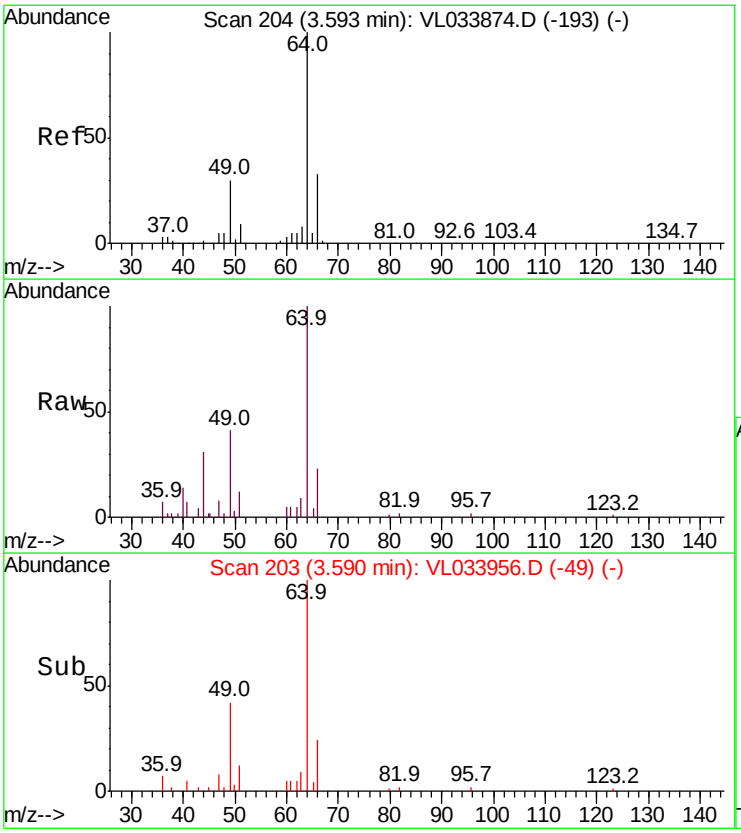
#5
Vinyl Chloride
Concen: 0.056 ppbv
RT: 3.28 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 62 Resp: 3043

Ion	Ratio	Lower	Upper
62	100		
64	14.2	25.2	37.8#

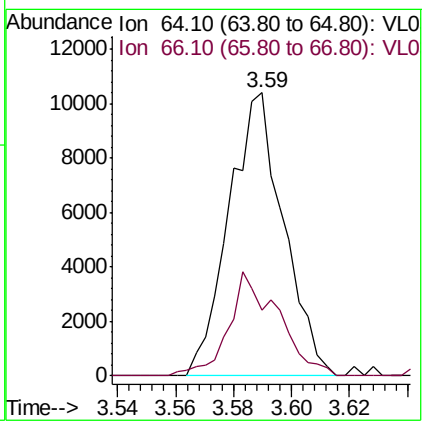


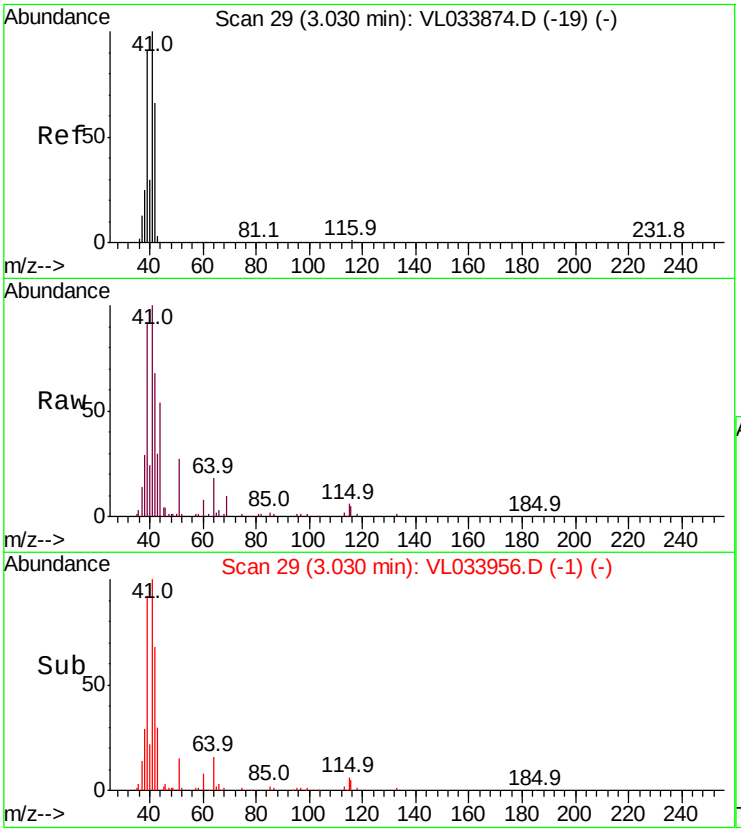


#7
Chloroethane
Concen: 0.634 ppbv
RT: 3.59 min Scan# 203
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 64 Resp: 13531

Ion	Ratio	Lower	Upper
64	100		
66	23.5	26.7	40.1#



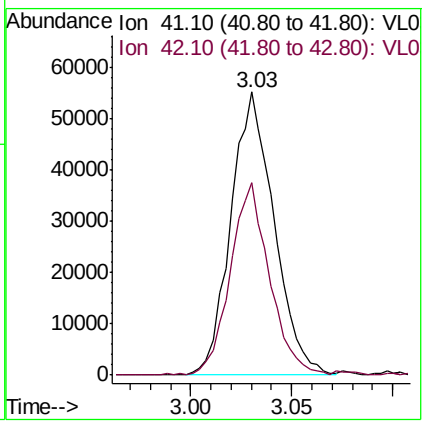


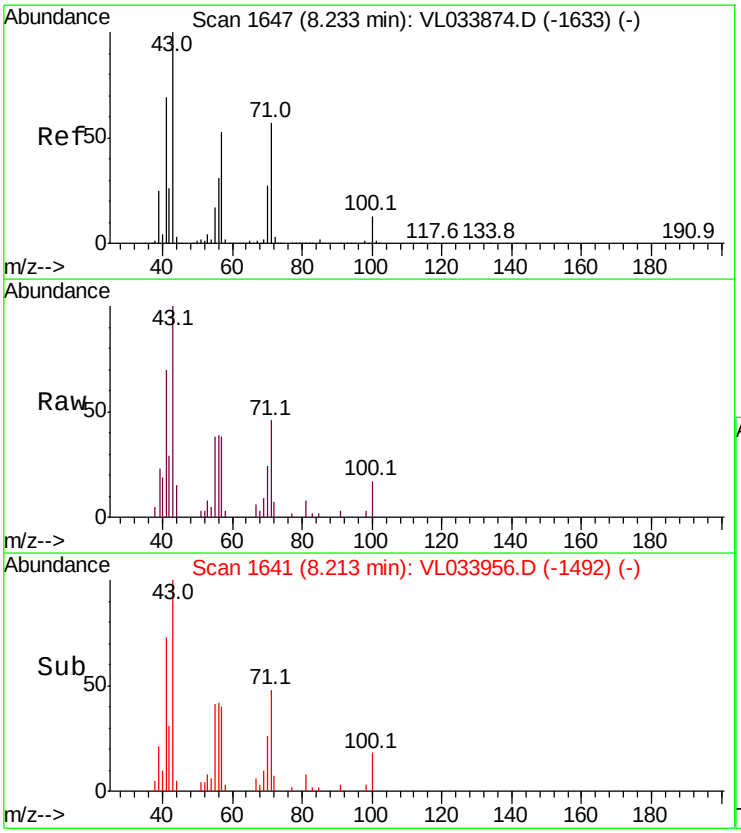
#9
Propene
Concen: 2.173 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 41 Resp: 82879

Ion	Ratio	Lower	Upper
41	100		
42	62.6	56.3	84.5

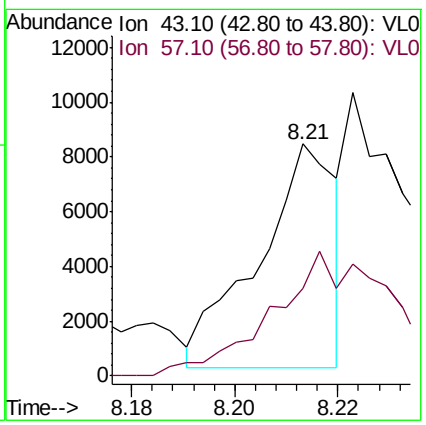


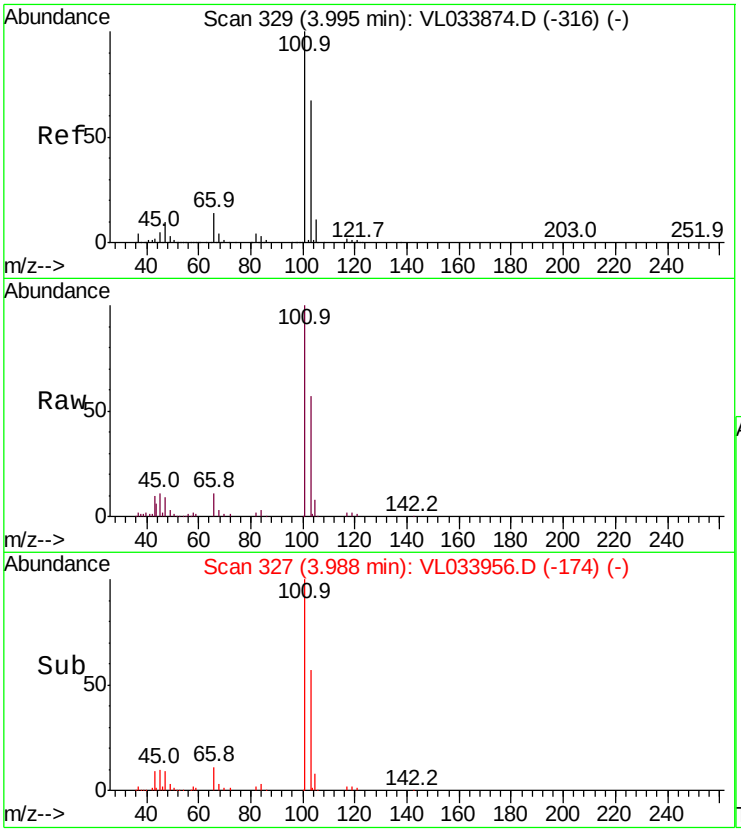


#10
Heptane
Concen: 0.088 ppbv
RT: 8.21 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 43 Resp: 8505

Ion	Ratio	Lower	Upper
43	100		
57	92.9	41.7	62.5#



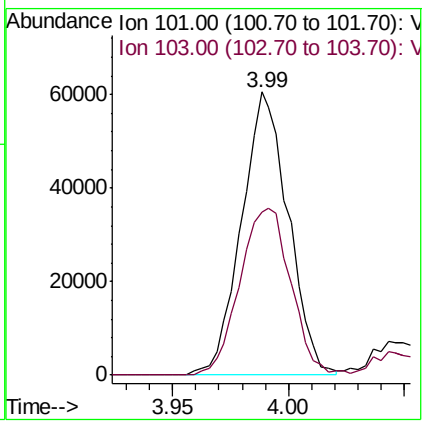


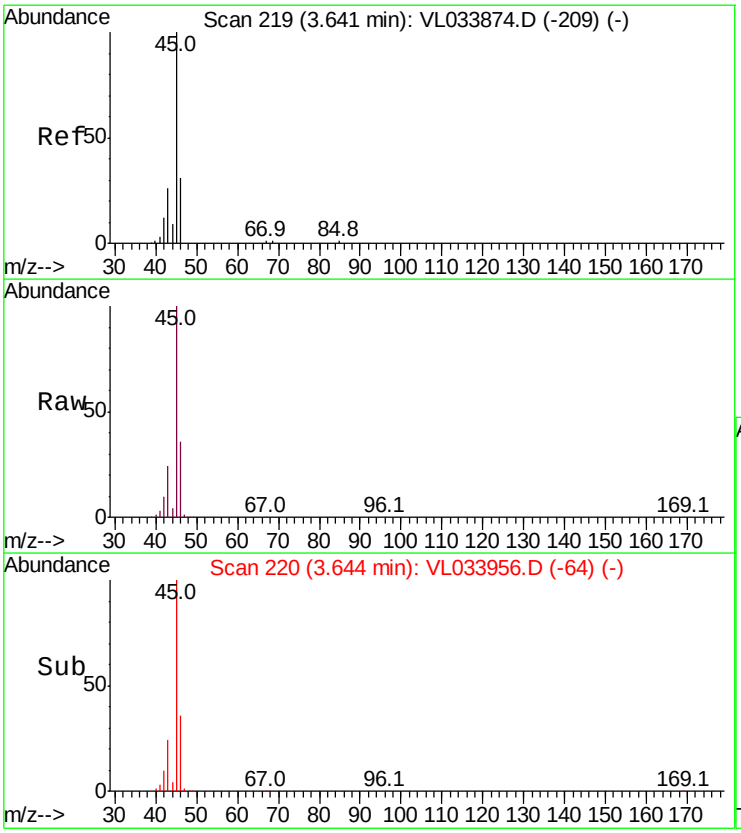
#11
Trichlorofluoromethane
Concen: 0.468 ppbv
RT: 3.99 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:101 Resp: 84842

Ion	Ratio	Lower	Upper
101	100		
103	57.4	53.6	80.4

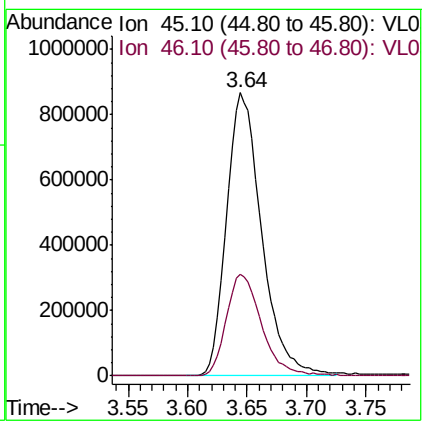


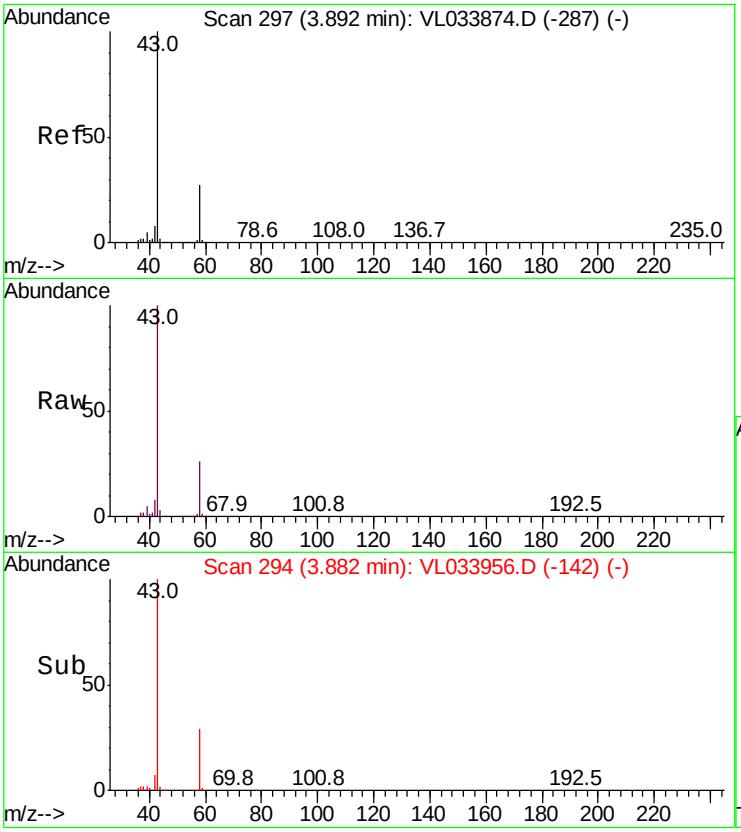


#13
Ethanol
Concen: 143.365 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 45 Resp: 1778899

Ion	Ratio	Lower	Upper
45	100		
46	36.2	15.3	61.1



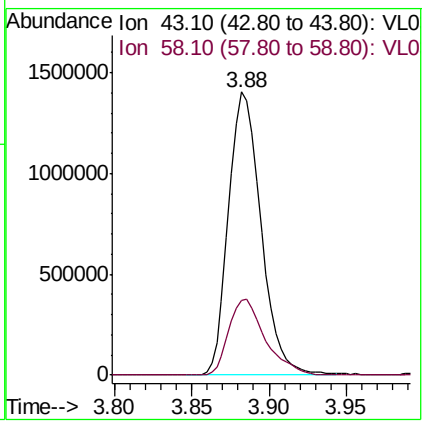


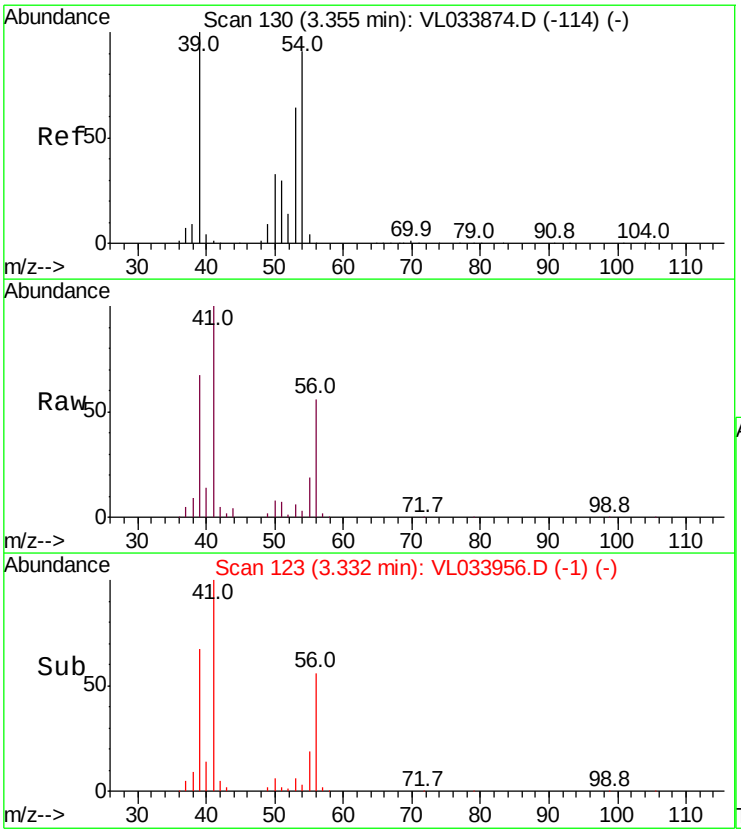
#15
Acetone
Concen: 16.172 ppbv
RT: 3.88 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 43 Resp: 2041998

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.3	31.9

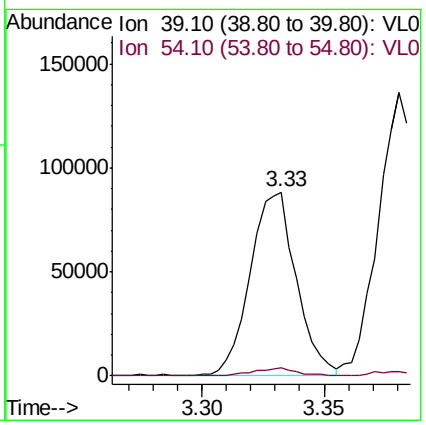


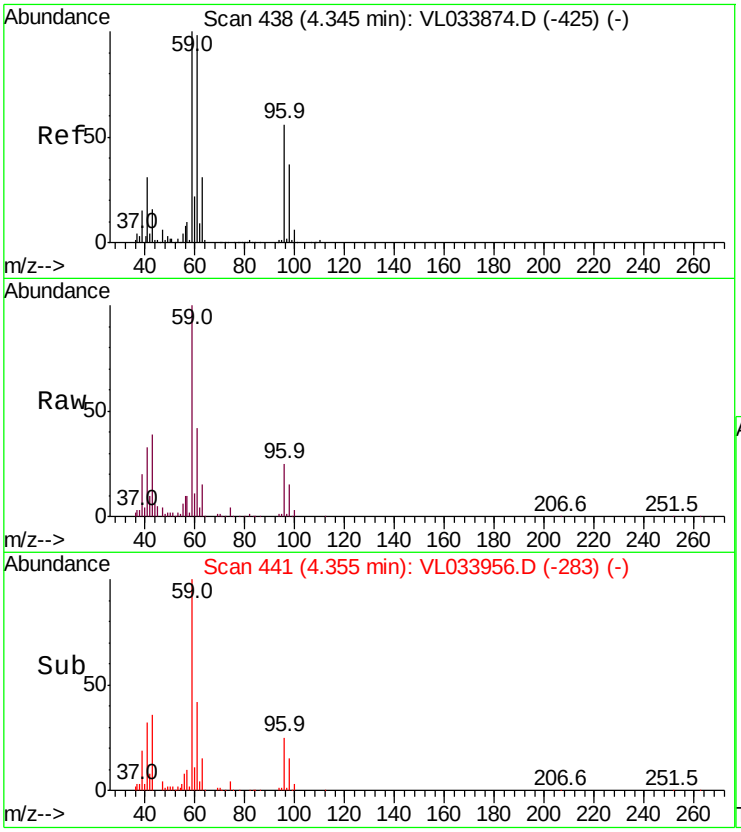


#16
1,3-Butadiene
Concen: 2.411 ppbv
RT: 3.33 min Scan# 123
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 39 Resp: 115857

Ion	Ratio	Lower	Upper
39	100		
54	4.3	68.6	103.0#



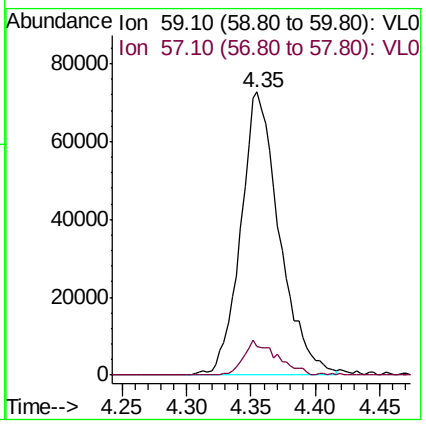


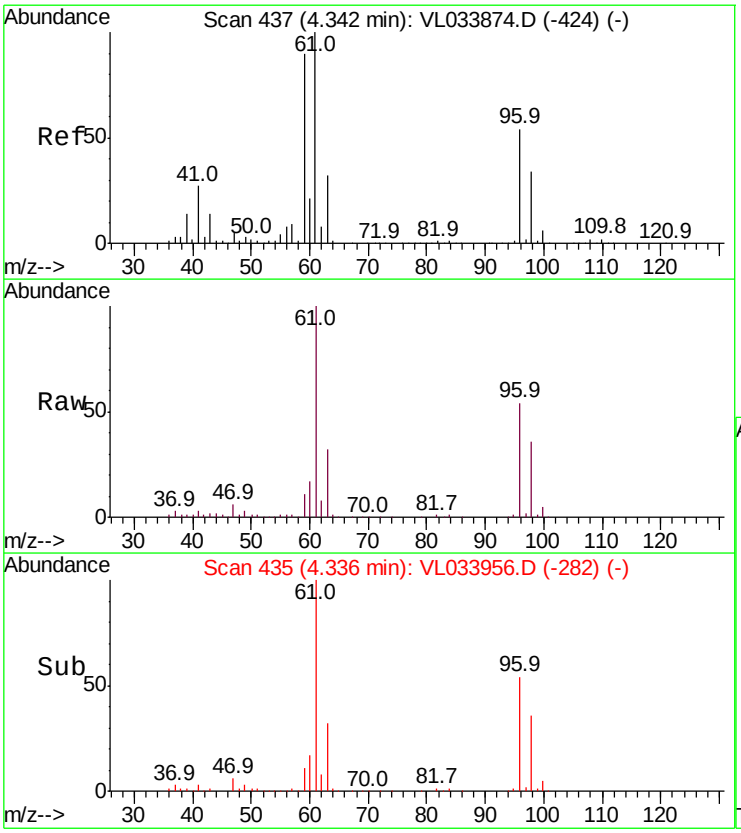
#17
tert-Butyl alcohol
Concen: 1.541 ppbv
RT: 4.35 min Scan# 441
Delta R.T. 0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 59 Resp: 152069

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

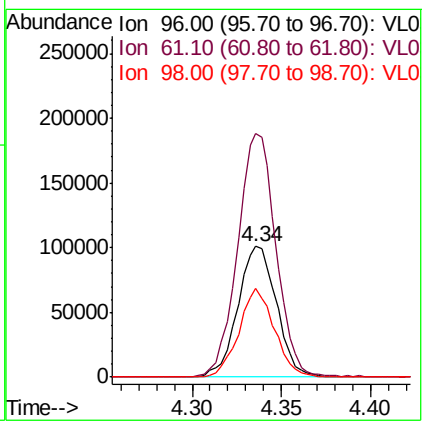


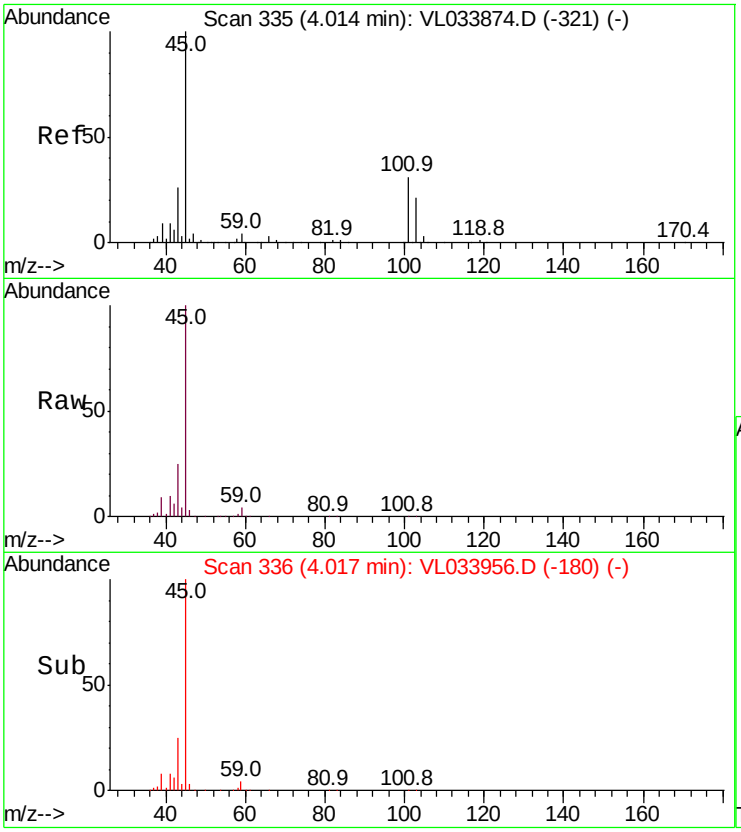


#18
1,1-Dichloroethene
Concen: 2.958 ppbv
RT: 4.34 min Scan# 435
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 96 Resp: 153045

Ion	Ratio	Lower	Upper
96	100		
61	186.5	147.0	220.6
98	67.6	49.4	74.0



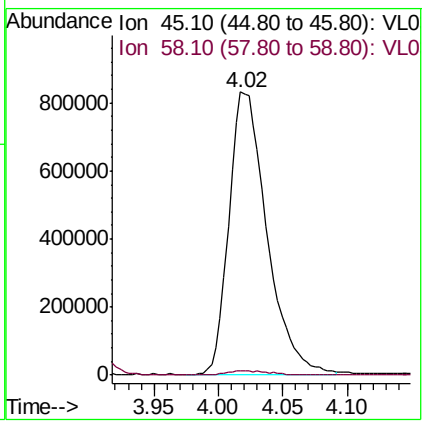


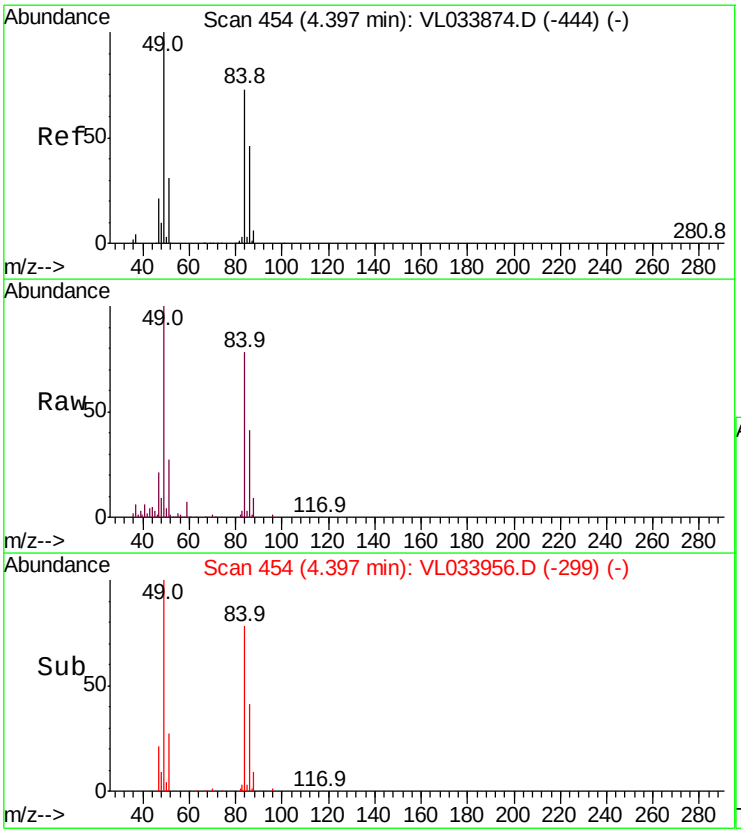
#19
Isopropyl Alcohol
Concen: 23.554 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 45 Resp: 1699025

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.8	2.6#

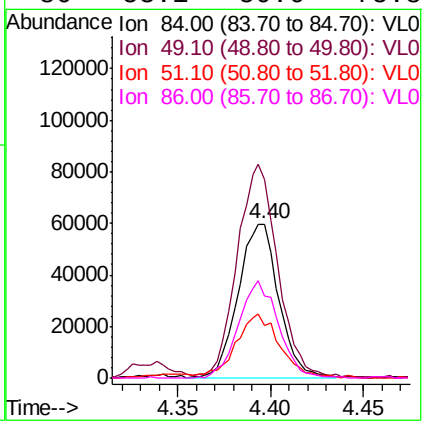


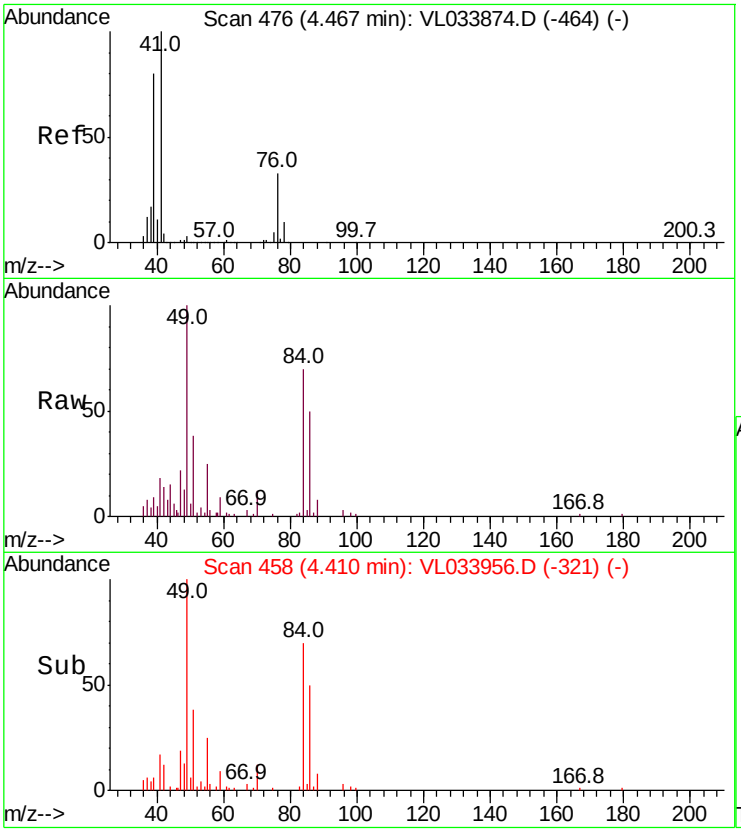


#20
Methylene Chloride
Concen: 1.824 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 84 Resp: 89803

Ion	Ratio	Lower	Upper
84	100		
49	127.3	110.0	165.0
51	34.2	34.6	51.8#
86	53.1	50.6	75.8



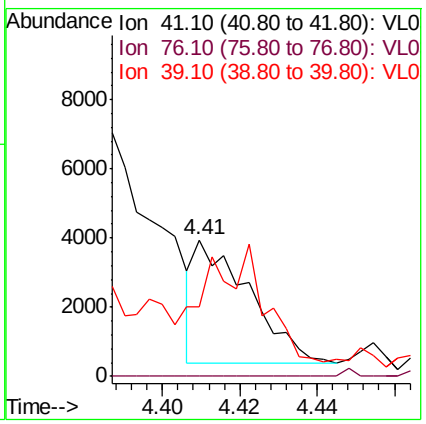


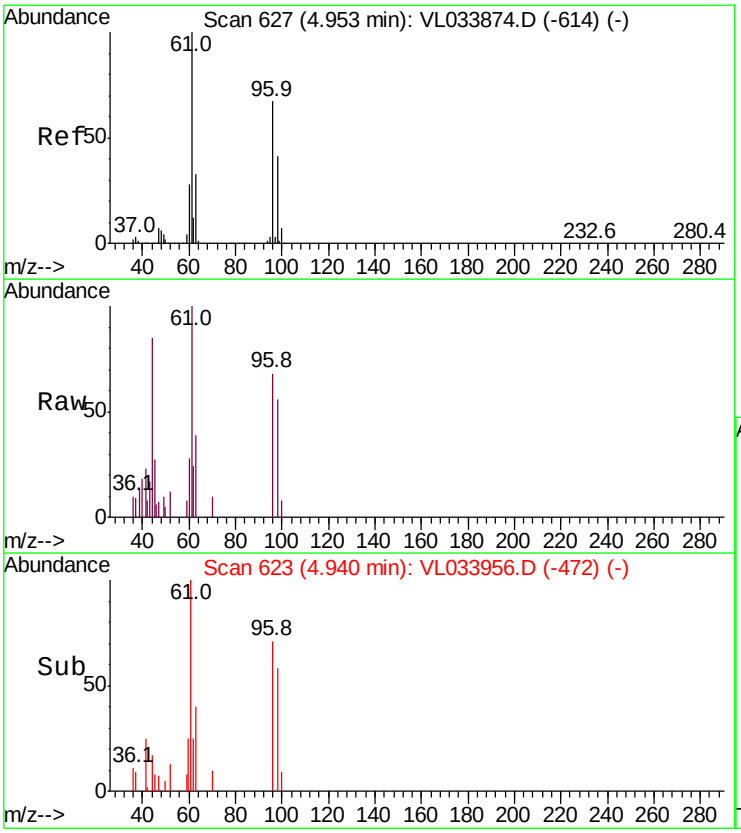
#21
Allvl Chloride
Concen: 0.048 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.06 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 41 Resp: 3461

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	39.8#
39	174.1	65.2	97.8#

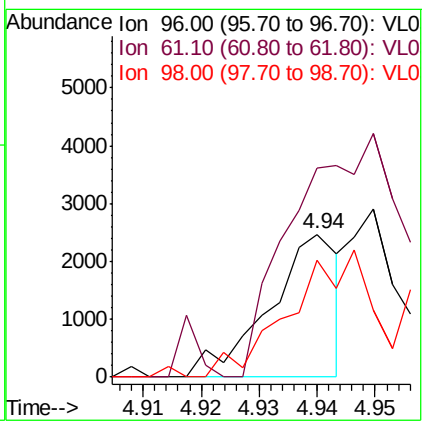


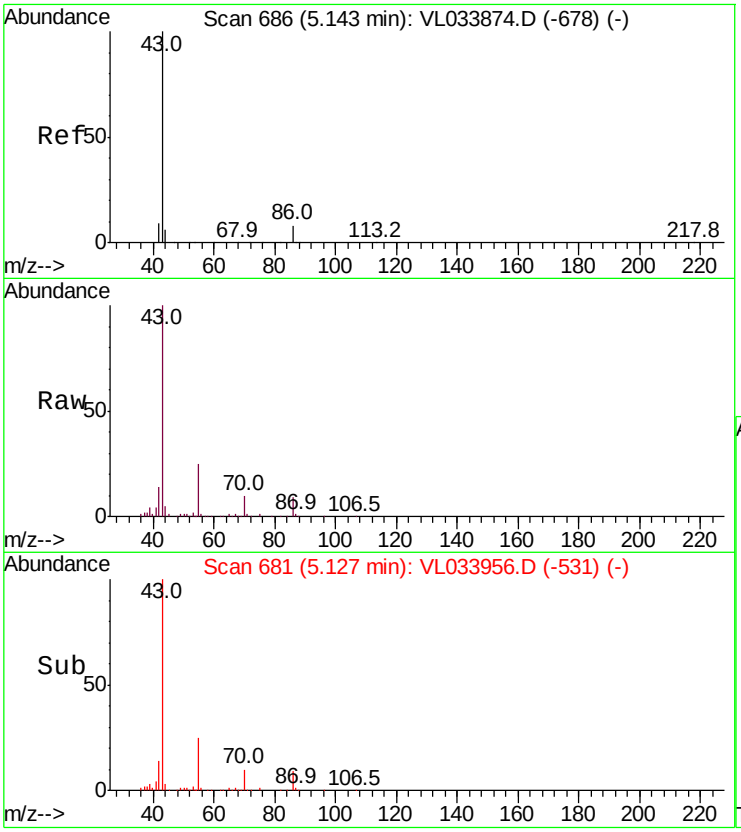


#22
trans-1,2-Dichloroethene
Concen: 0.038 ppbv
RT: 4.94 min Scan# 623
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 96 Resp: 2050

Ion	Ratio	Lower	Upper
96	100		
61	103.2	119.0	178.6#
98	81.6	48.3	72.5#



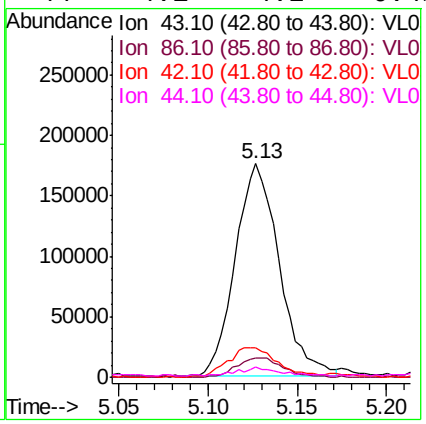


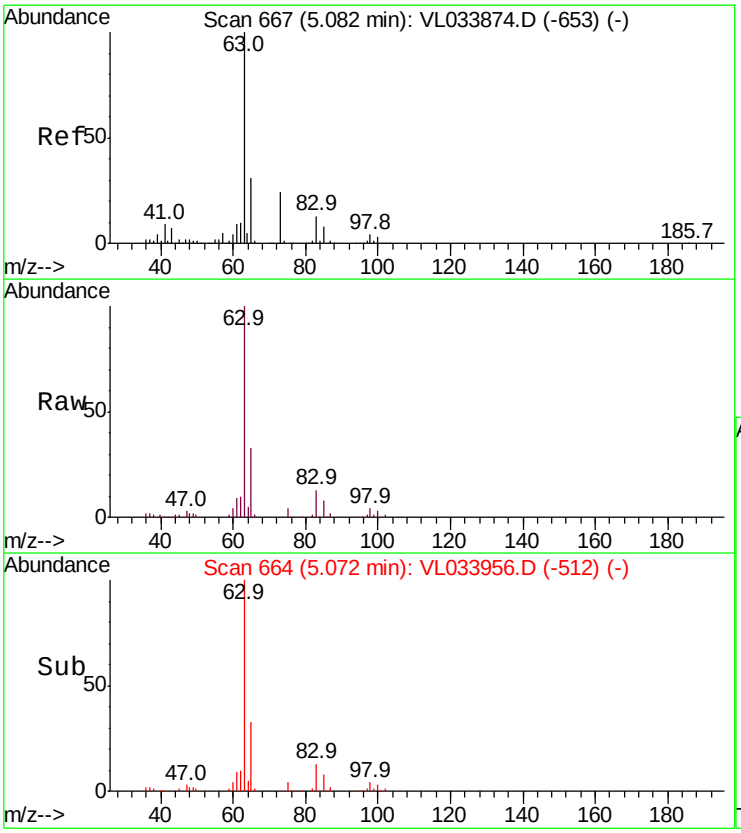
#23
Vinyl Acetate
Concen: 2.063 ppbv
RT: 5.13 min Scan# 681
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 43 Resp: 302843

Ion	Ratio	Lower	Upper
43	100		
86	8.7	5.8	8.8
42	13.9	7.8	11.8#
44	4.1	4.2	6.4#

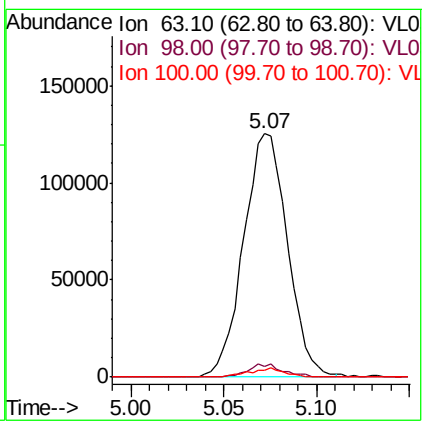


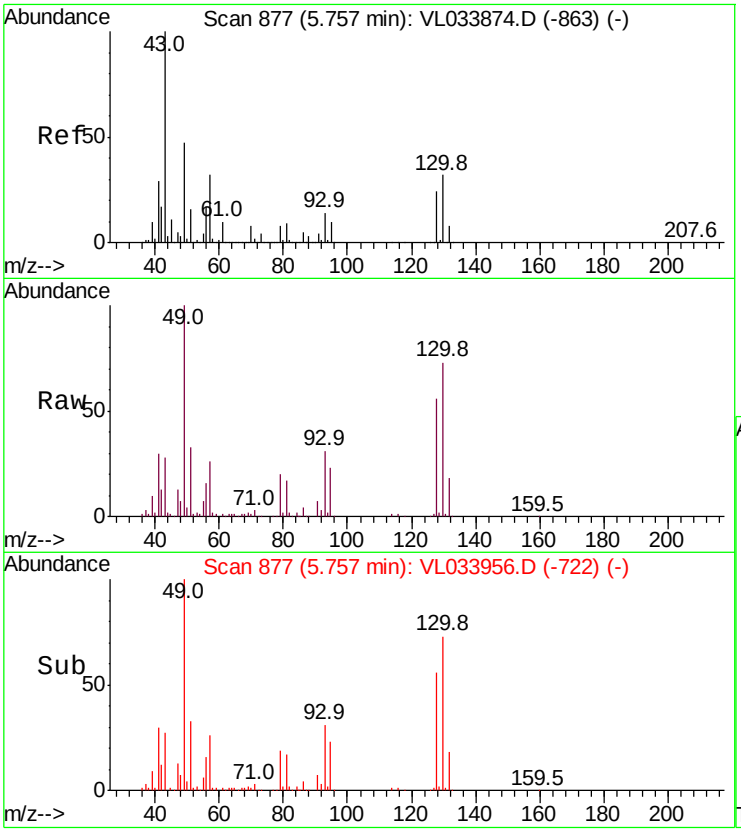


#24
1,1-Dichloroethane
Concen: 1.803 ppbv
RT: 5.07 min Scan# 664
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 63 Resp: 205873

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.2	6.6
100	3.0	1.3	3.8



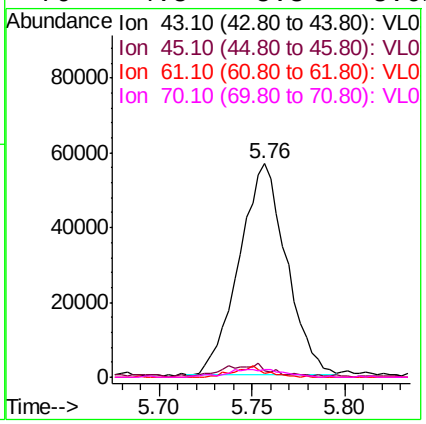


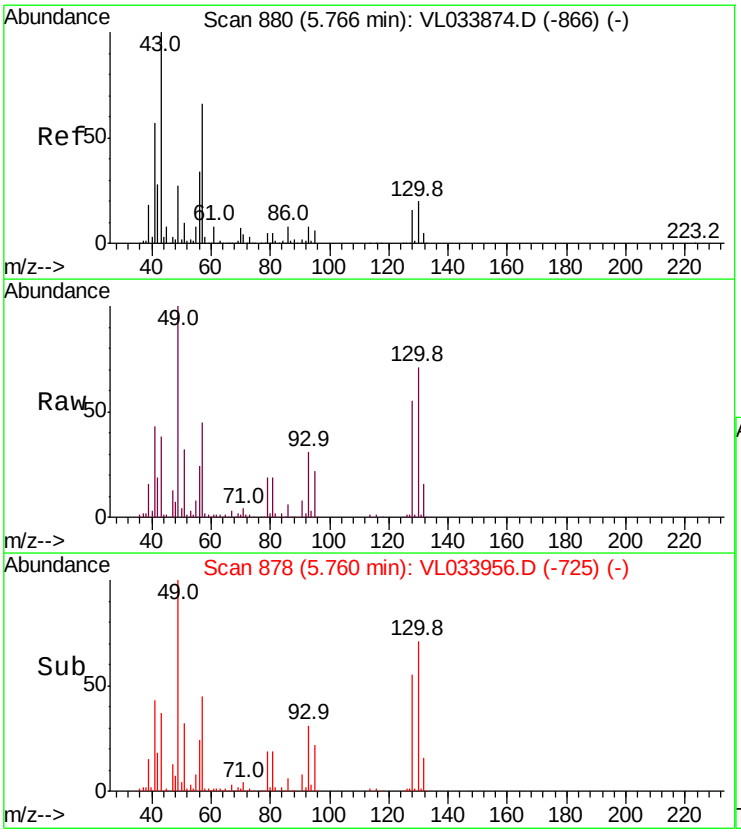
#25
Ethyl Acetate
Concen: 0.517 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 43 Resp: 99448

Ion	Ratio	Lower	Upper
43	100		
45	5.8	7.9	11.9#
61	3.7	7.8	11.6#
70	4.5	5.8	8.6#

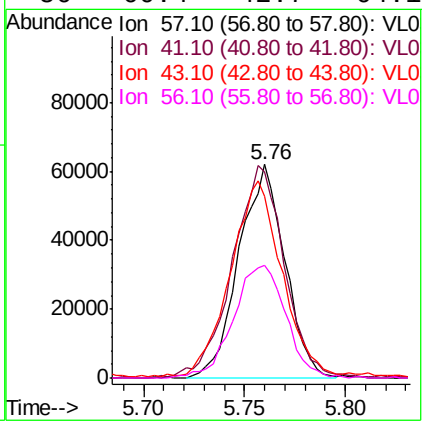


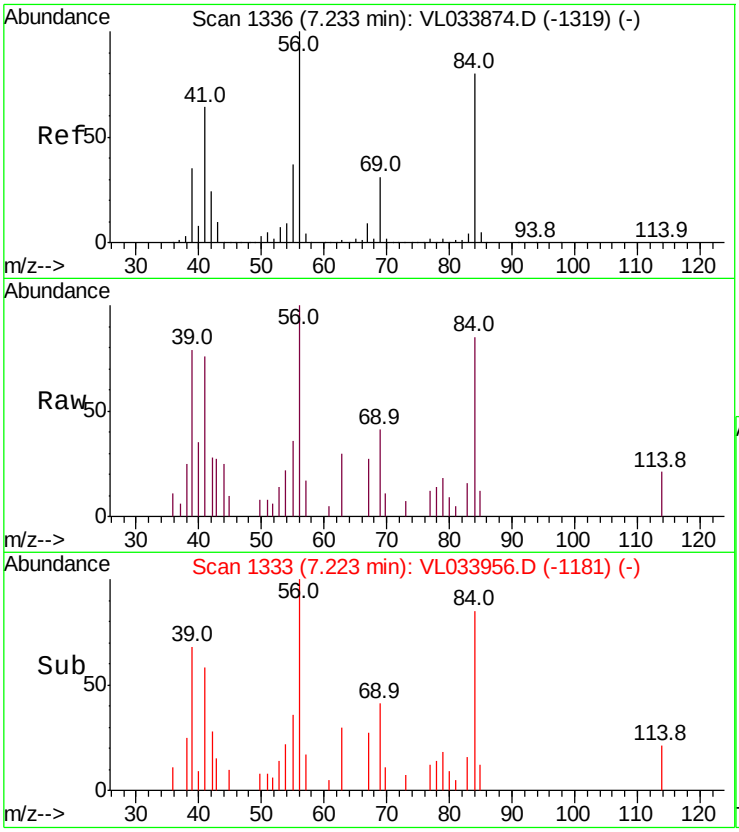


#26
Hexane
Concen: 1.128 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 57 Resp: 98749

Ion	Ratio	Lower	Upper
57	100		
41	113.7	71.4	107.2#
43	104.6	183.7	275.5#
56	60.4	42.7	64.1



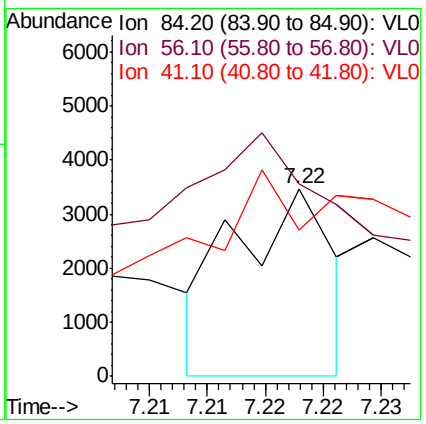


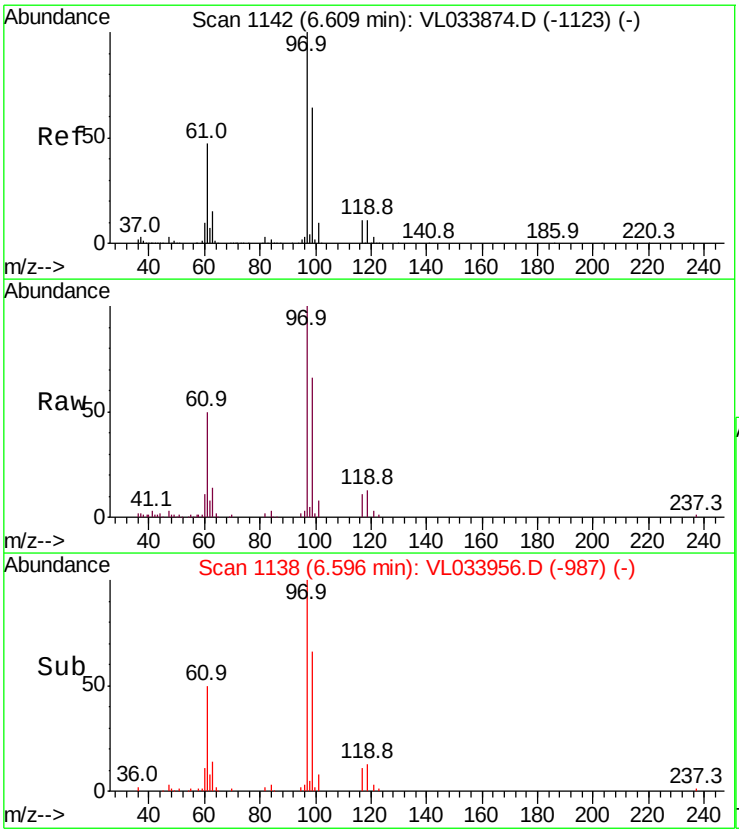
#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.22 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 84 Resp: 2053

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	317.5	65.7	98.5#

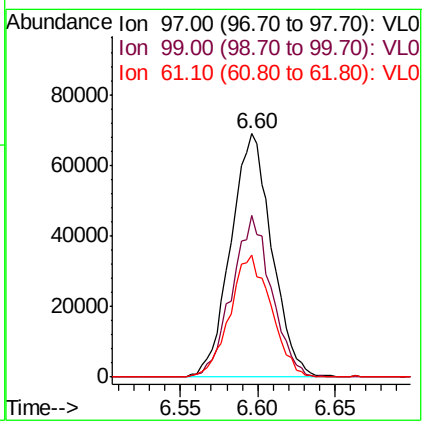


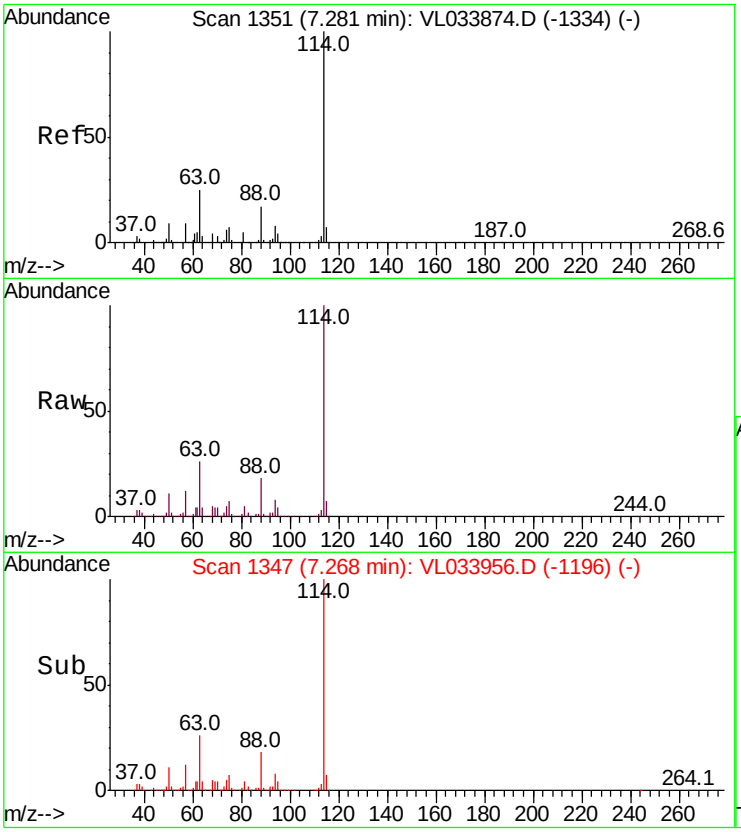


#32
1,1,1-Trichloroethane
Concen: 0.880 ppbv
RT: 6.60 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 97 Resp: 127343

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	50.2	37.7	56.5



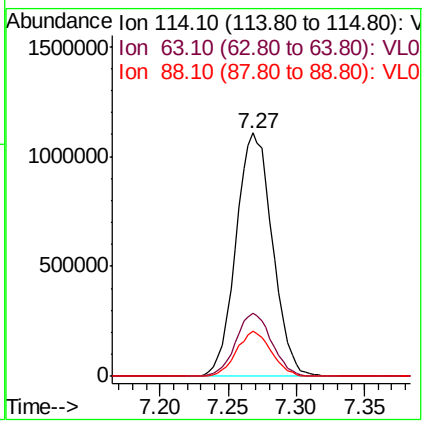


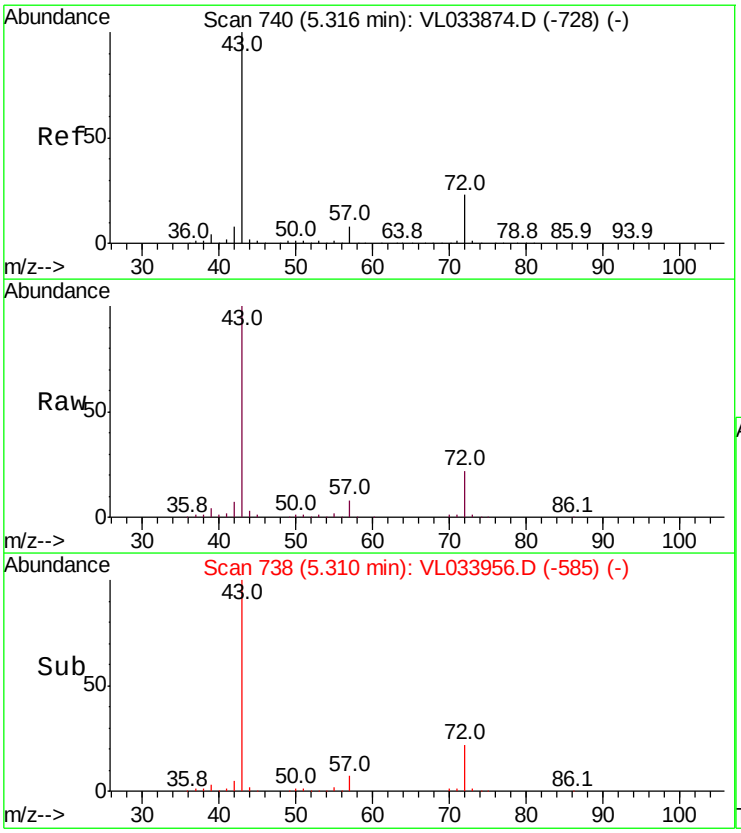
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:114 Resp: 2054886

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.1	31.7
88	17.7	14.2	21.4

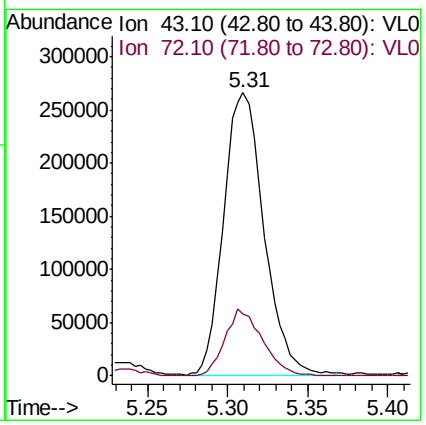


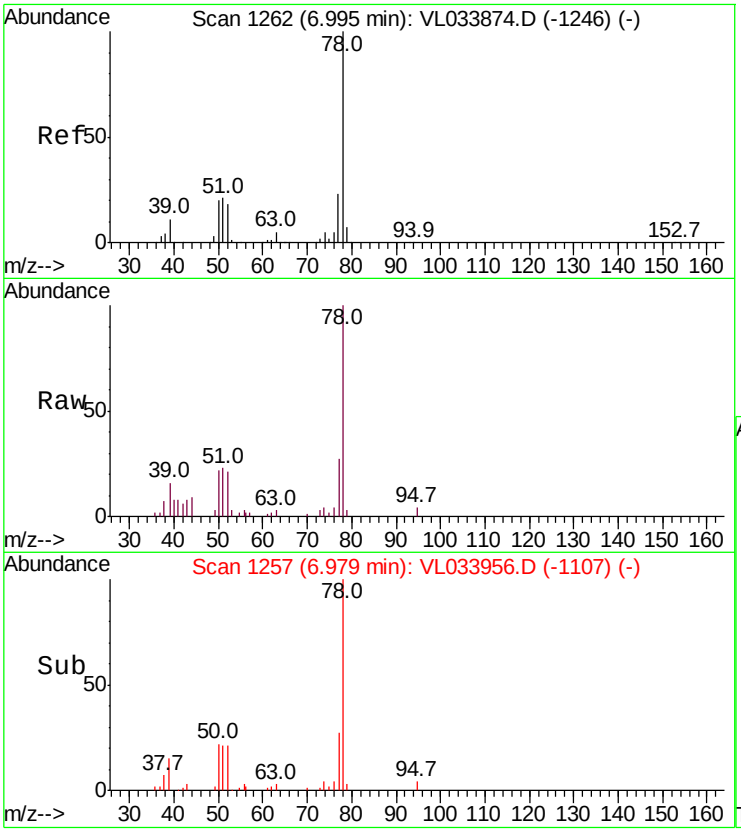


#34
2-Butanone
Concen: 3.917 ppbv
RT: 5.31 min Scan# 738
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 43 Resp: 454083

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.9	26.9



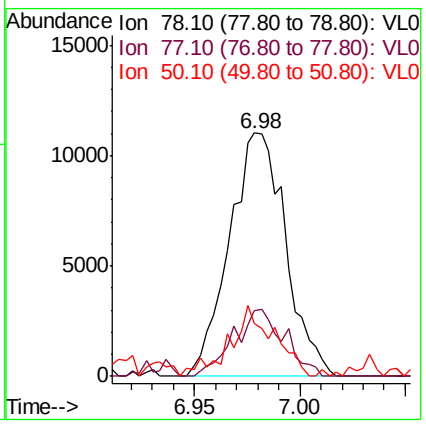


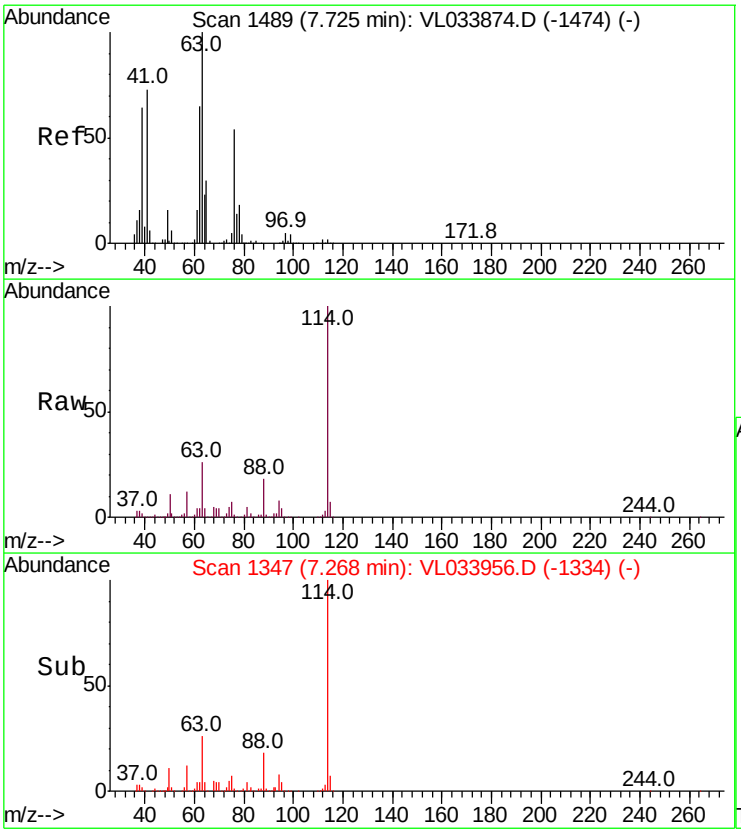
#36
Benzene
Concen: 0.130 ppbv
RT: 6.98 min Scan# 1257
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 78 Resp: 20414

Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.2	27.2
50	19.3	15.9	23.9

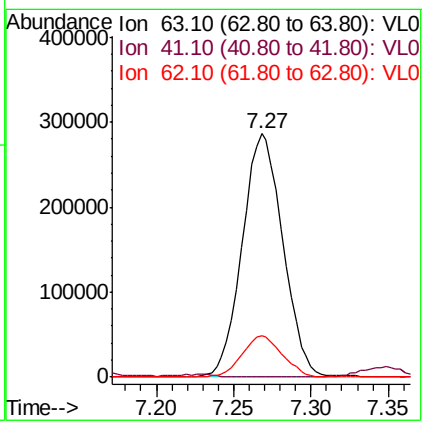


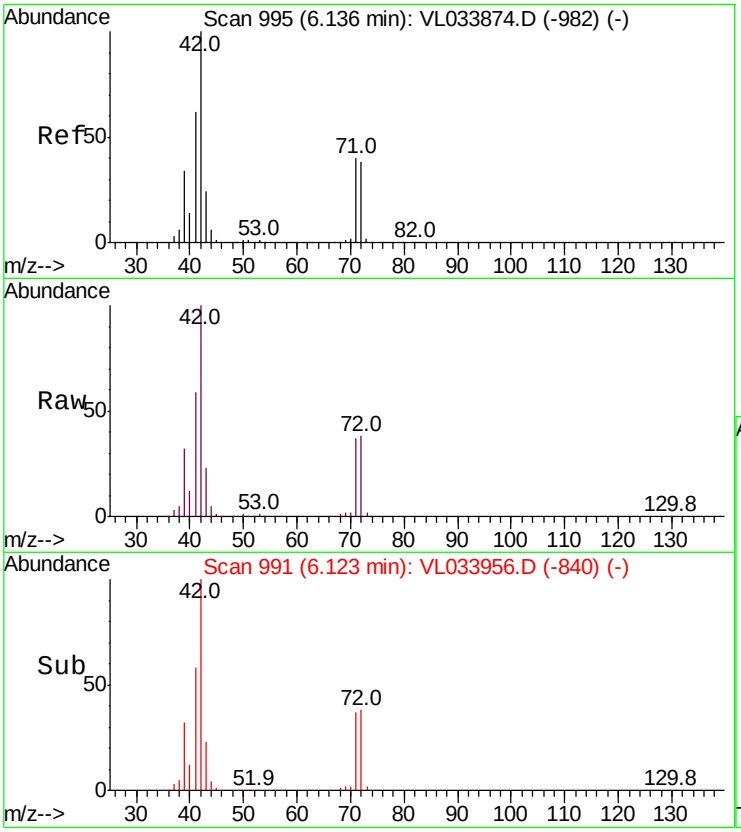


#39
1,2-Dichloropropane
Concen: 8.656 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. -0.46 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 63 Resp: 524402

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	17.2	51.9	77.9#



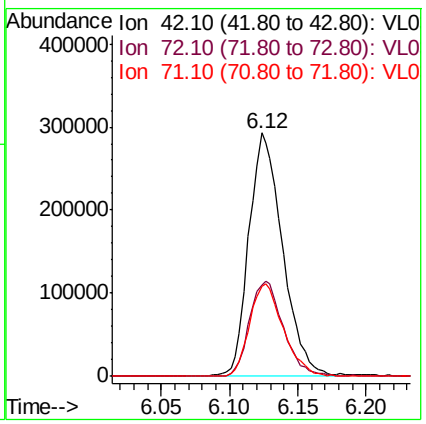


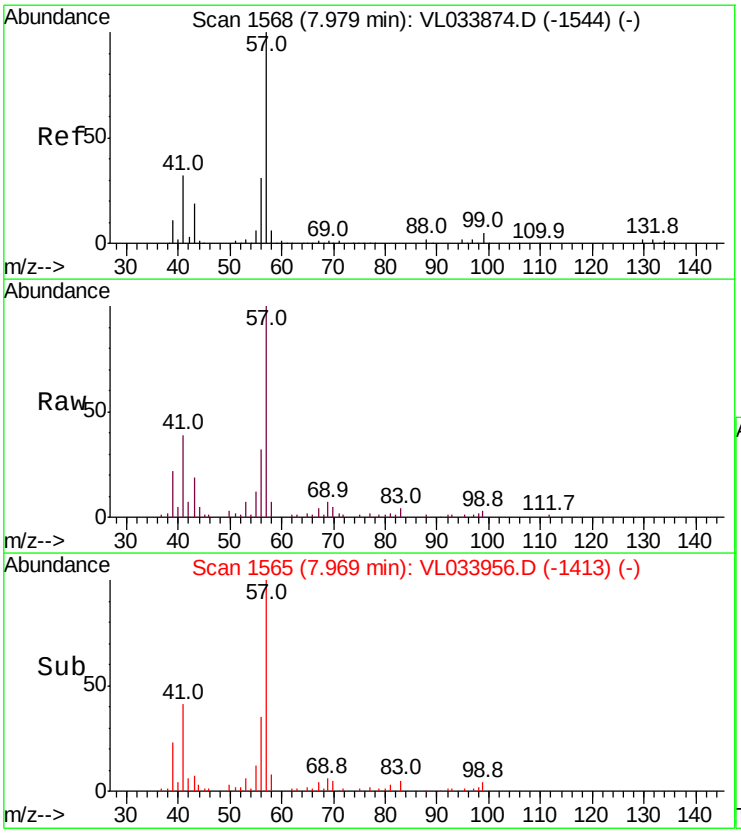
#41
Tetrahydrofuran
Concen: 8.528 ppbv
RT: 6.12 min Scan# 991
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 42 Resp: 501791

Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.2	48.4
71	38.2	31.7	47.5

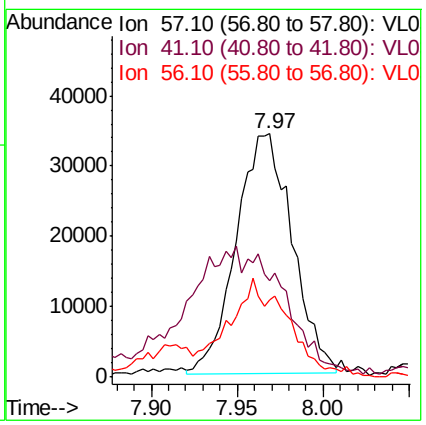


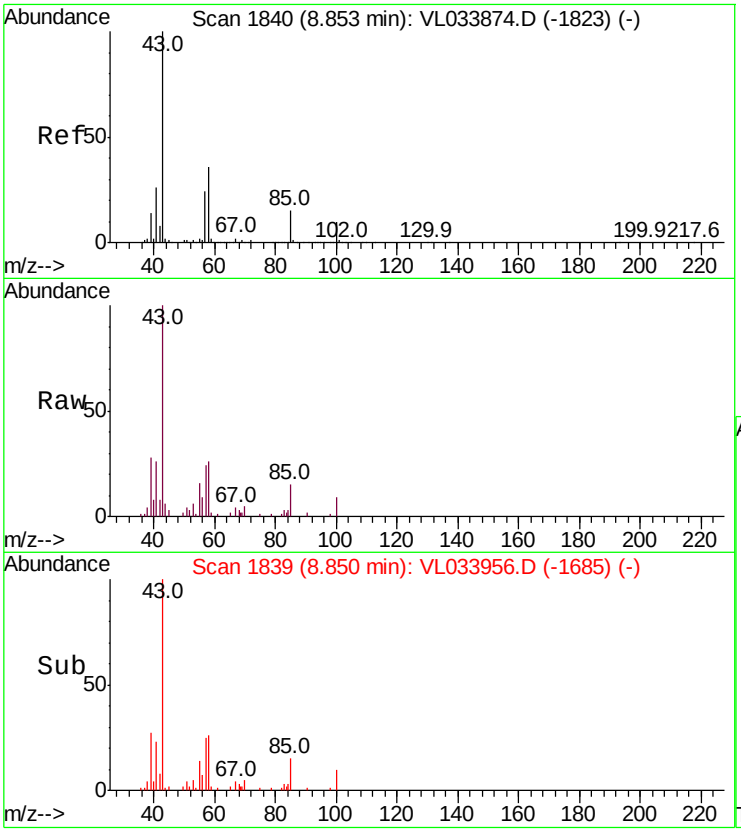


#44
2,2,4-Trimethylpentane
Concen: 0.277 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 57 Resp: 77297

Ion	Ratio	Lower	Upper
57	100		
41	91.7	26.1	39.1#
56	55.6	24.6	36.8#



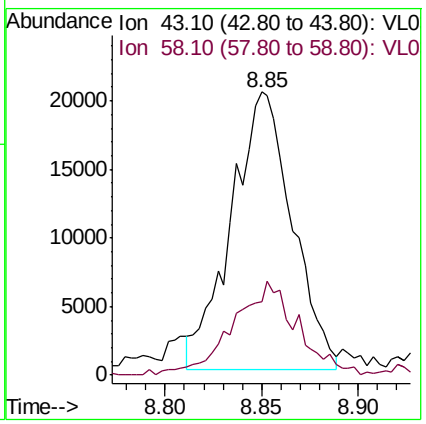


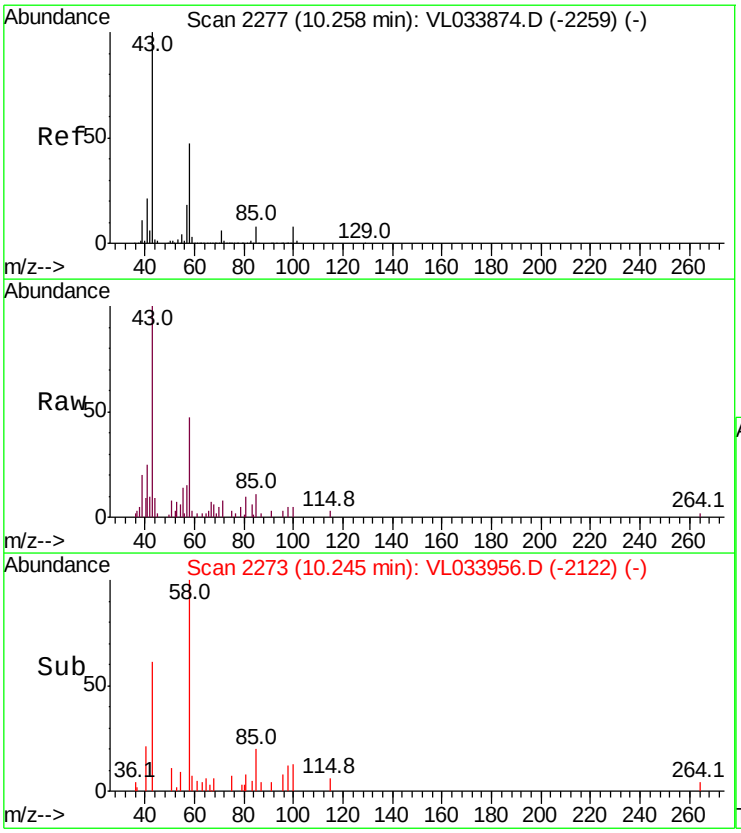
#50
4-Methyl-2-Pentanone
Concen: 0.258 ppbv
RT: 8.85 min Scan# 1839
Delta R.T. -0.00 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 43 Resp: 44645

Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.6	42.8

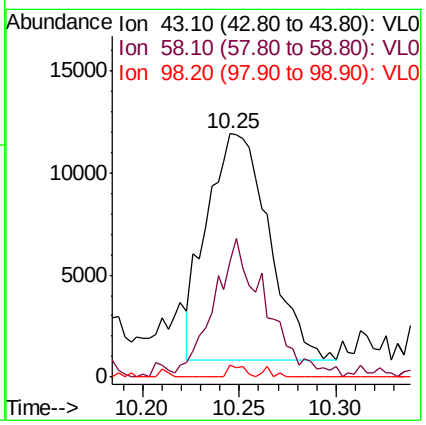


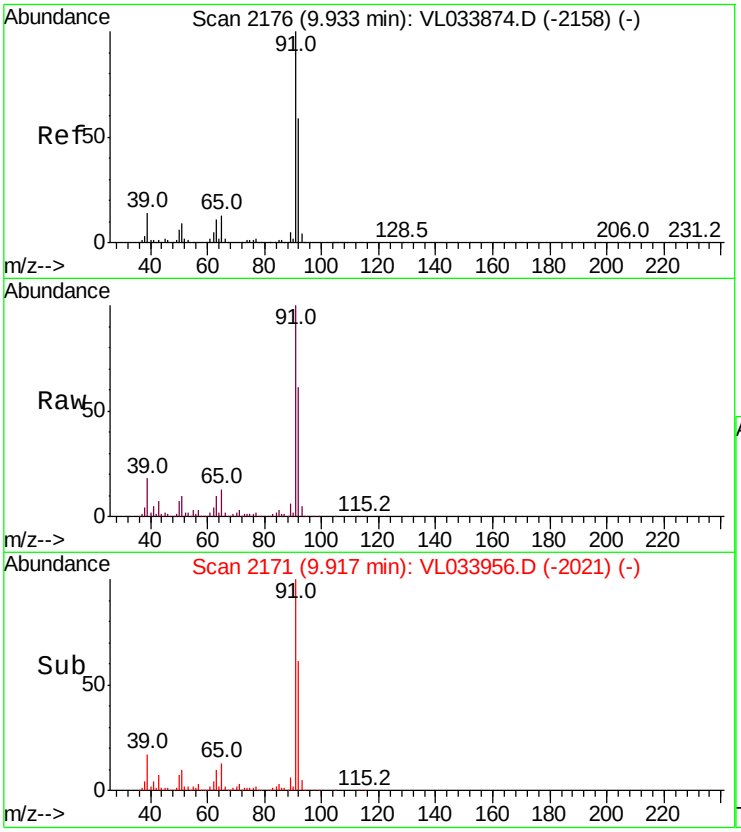


#51
2-Hexanone
Concen: 0.183 ppbv
RT: 10.25 min Scan# 2273
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 43 Resp: 24730

Ion	Ratio	Lower	Upper
43	100		
58	54.3	38.2	57.4
98	2.1	0.2	0.2#



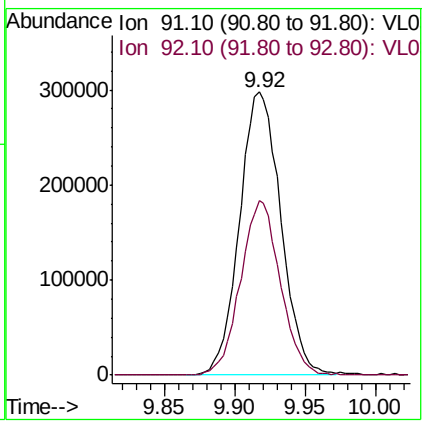


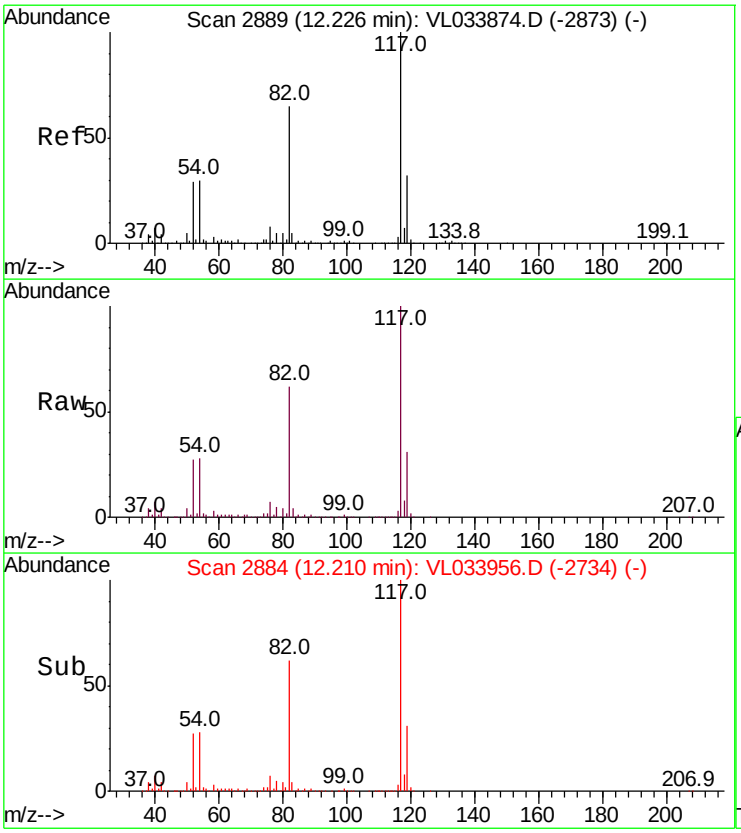
#53
Toluene
Concen: 3.517 ppbv
RT: 9.92 min Scan# 2171
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 91 Resp: 610863

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.0	70.6

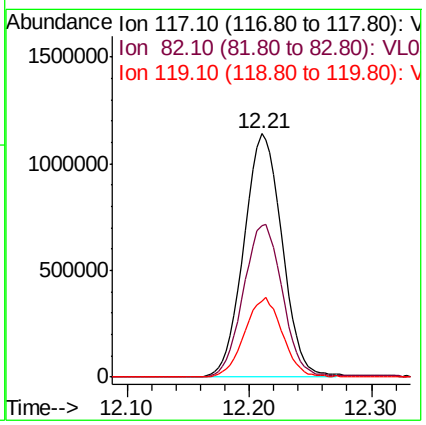


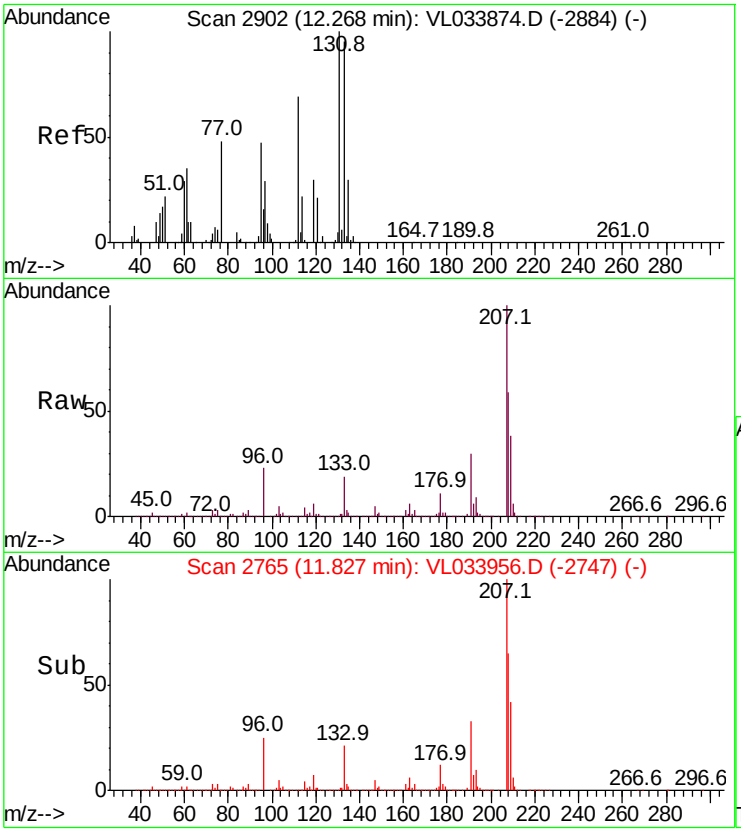


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:117 Resp: 2466638

Ion	Ratio	Lower	Upper
117	100		
82	64.4	50.2	75.2
119	32.8	24.8	37.2



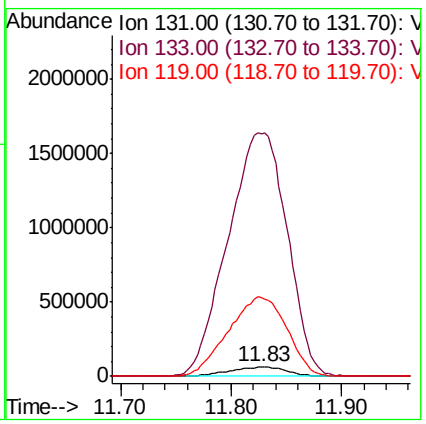


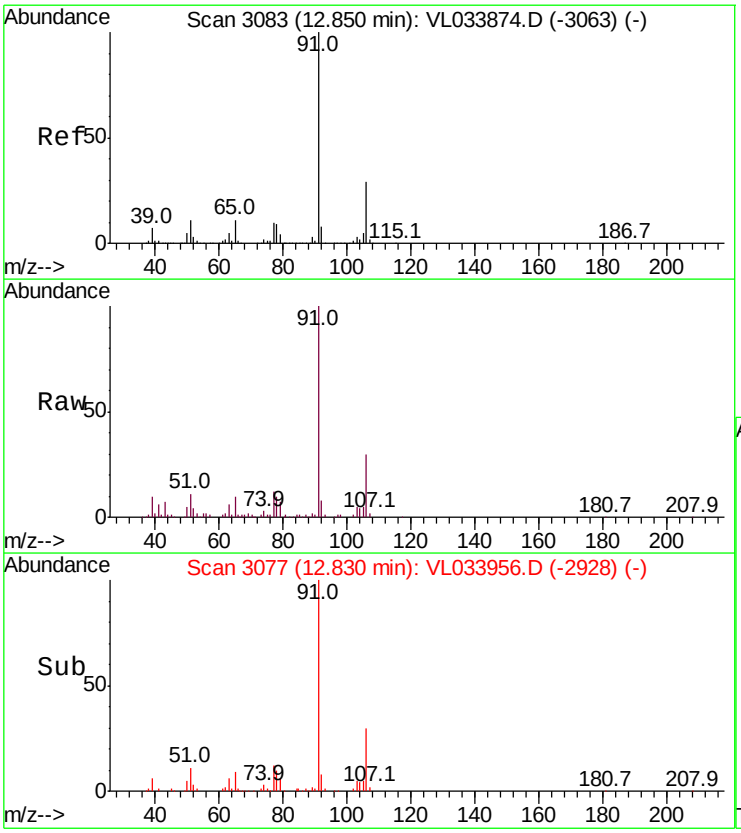
#56
1,1,1,2-Tetrachloroethane
Concen: 2.113 ppbv
RT: 11.83 min Scan# 2765
Delta R.T. -0.44 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:131 Resp: 227649

Ion	Ratio	Lower	Upper
131	100		
133	2643.1	76.5	114.7#
119	851.1	42.6	64.0#

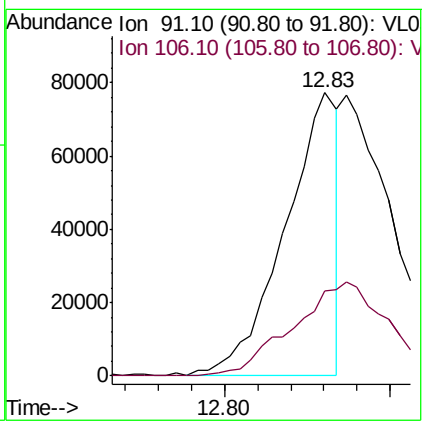


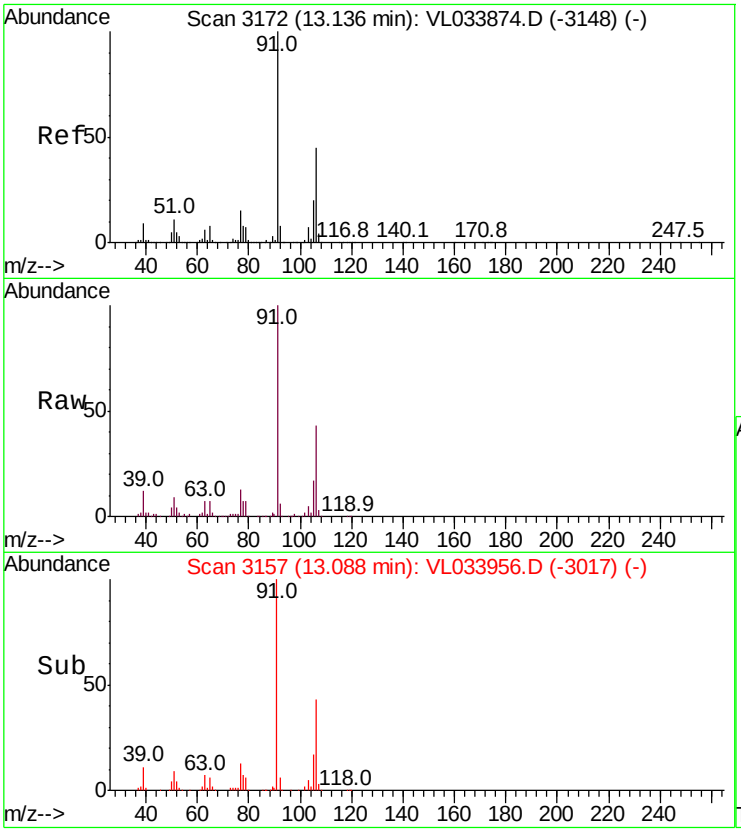


#58
Ethyl Benzene
Concen: 0.309 ppbv
RT: 12.83 min Scan# 3077
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 91 Resp: 85993

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.0	34.6



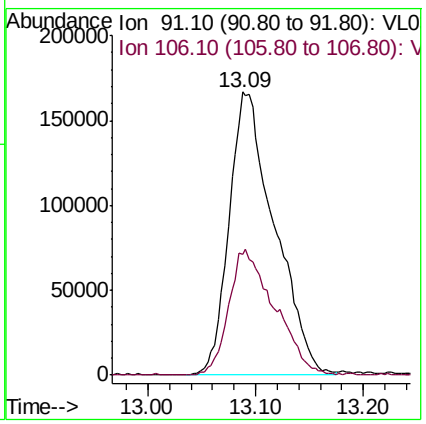


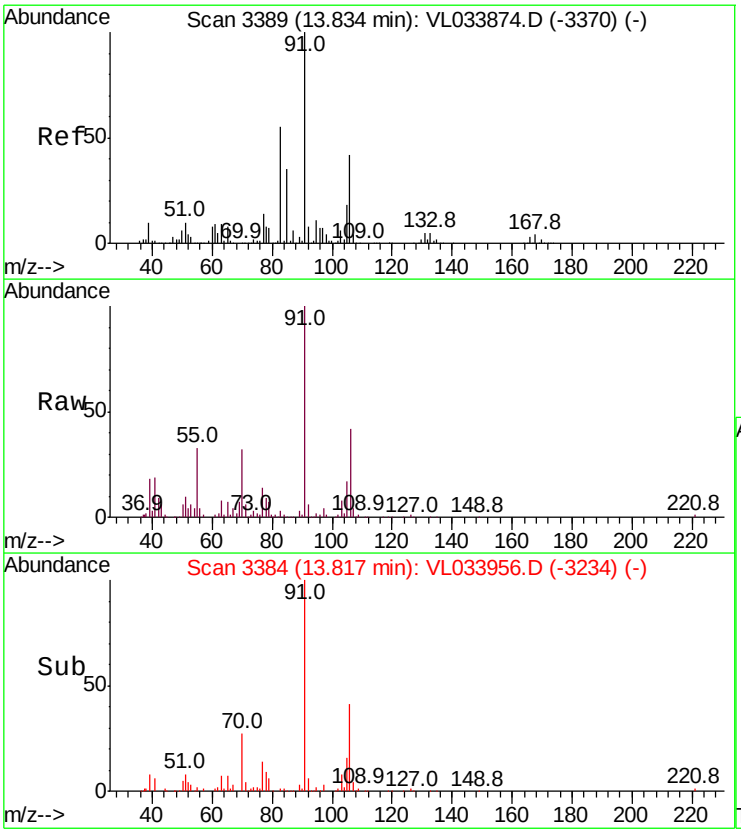
#59
m/p-Xylene
Concen: 1.922 ppbv
RT: 13.09 min Scan# 3157
Delta R.T. -0.05 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 91 Resp: 485977

Ion	Ratio	Lower	Upper
91	100		
106	45.2	35.8	53.8

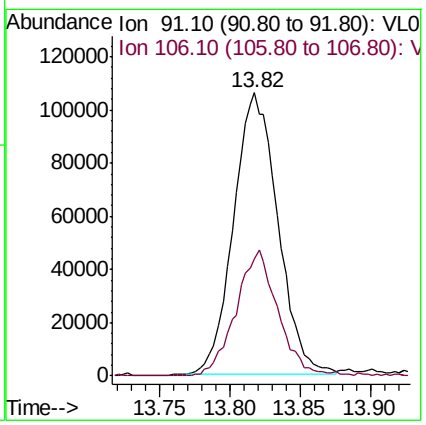


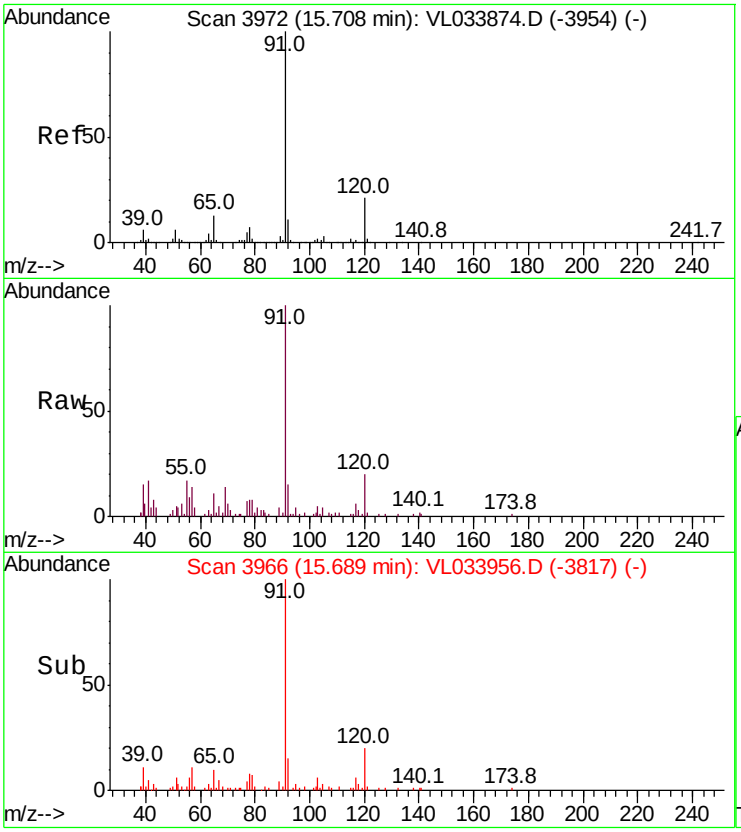


#60
o-Xylene
Concen: 0.892 ppbv
RT: 13.82 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion: 91 Resp: 232883

Ion	Ratio	Lower	Upper
91	100		
106	42.7	21.7	65.1



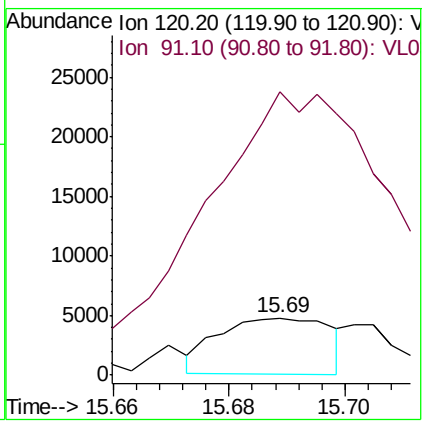


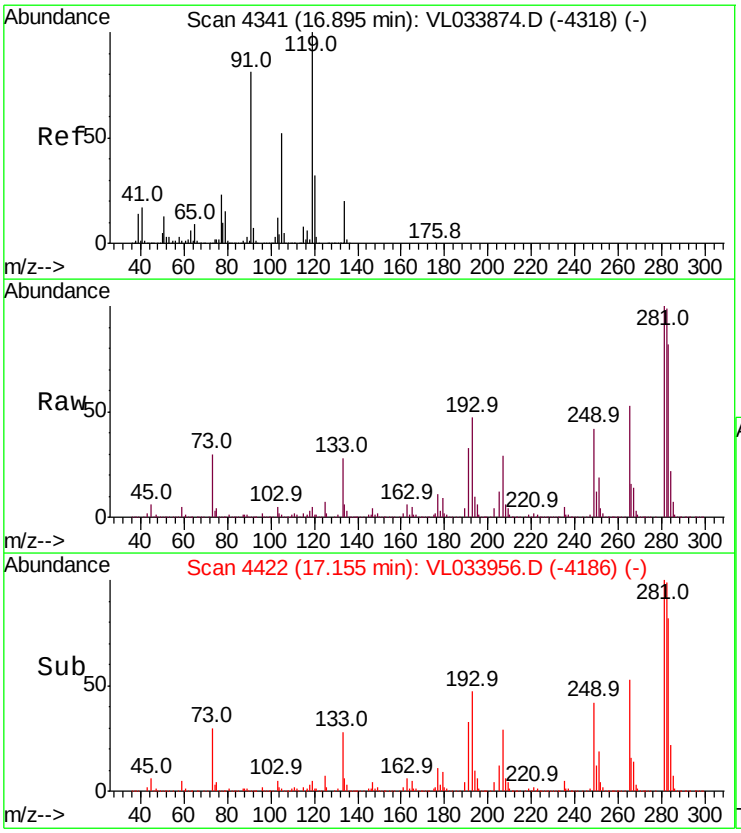
#64
n-propylbenzene
Concen: 0.069 ppbv
RT: 15.69 min Scan# 3966
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:120 Resp: 6245

Ion	Ratio	Lower	Upper
120	100		
91	942.9	387.0	580.6#

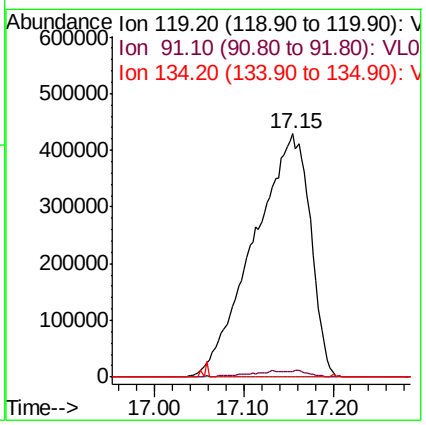


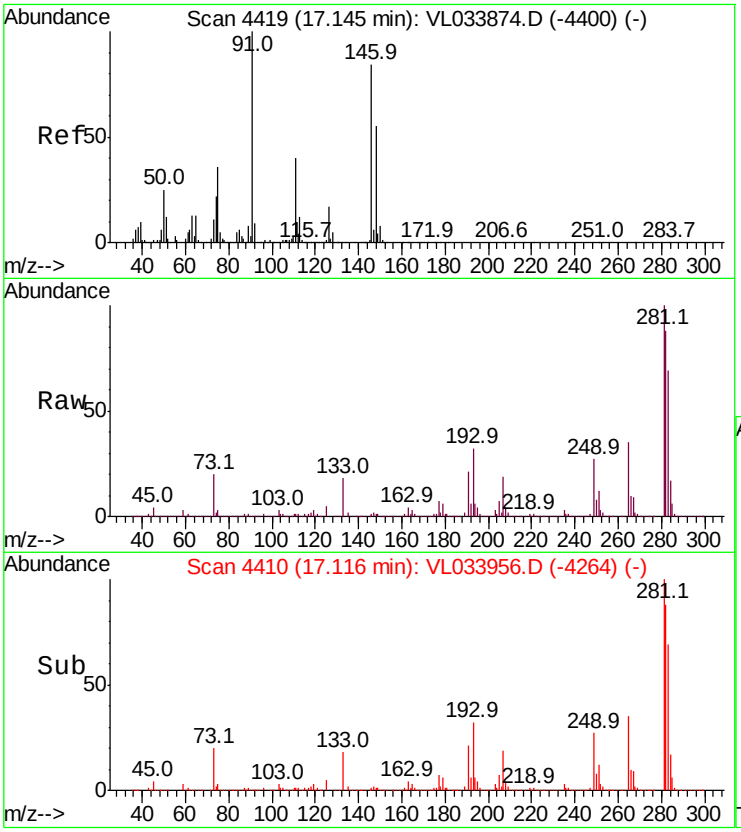


#65
tert-Butylbenzene
Concen: 5.764 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. 0.26 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:119 Resp: 1876981

Ion	Ratio	Lower	Upper
119	100		
91	2.9	66.6	100.0#
134	0.0	15.5	23.3#



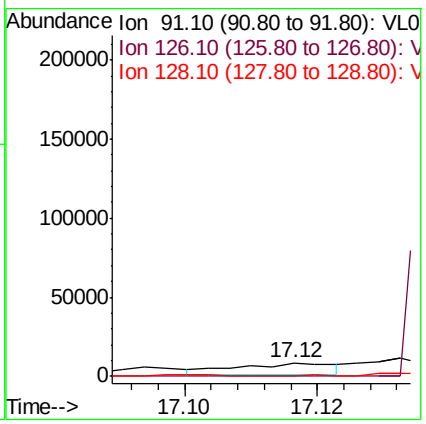


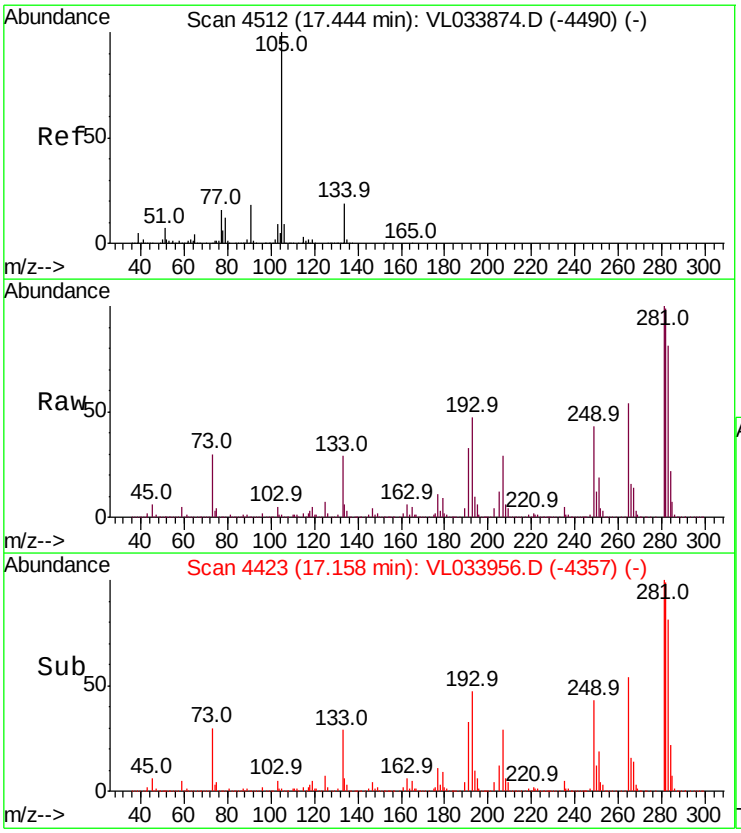
#66
Benzyl Chloride
Concen: 0.049 ppbv
RT: 17.12 min Scan# 4410
Delta R.T. -0.03 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion: 91 Resp: 8023

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.8	20.6#
128	0.0	4.4	6.6#

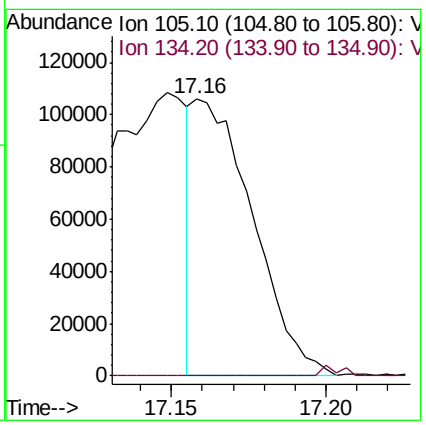


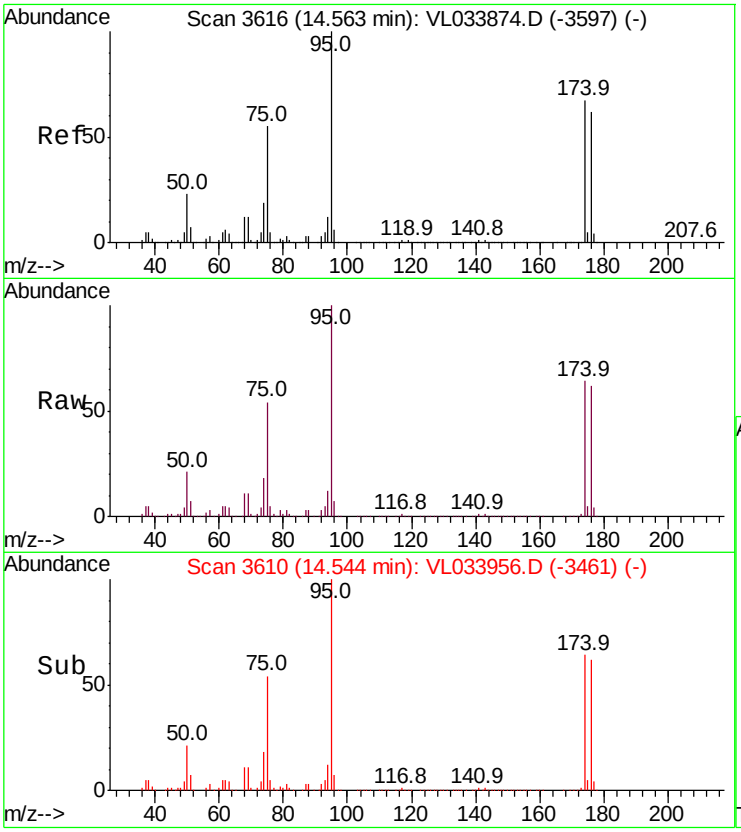


#67
sec-Butylbenzene
Concen: 0.309 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.29 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:105 Resp: 141309

Ion	Ratio	Lower	Upper
105	100		
134	1.3	14.6	22.0#



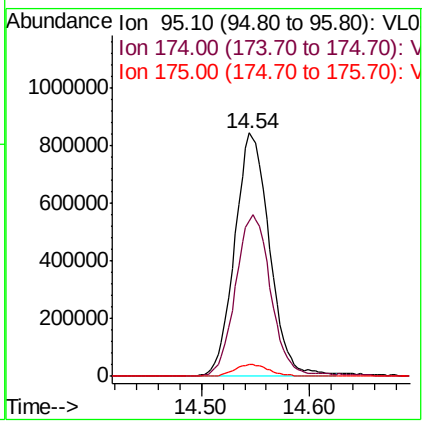


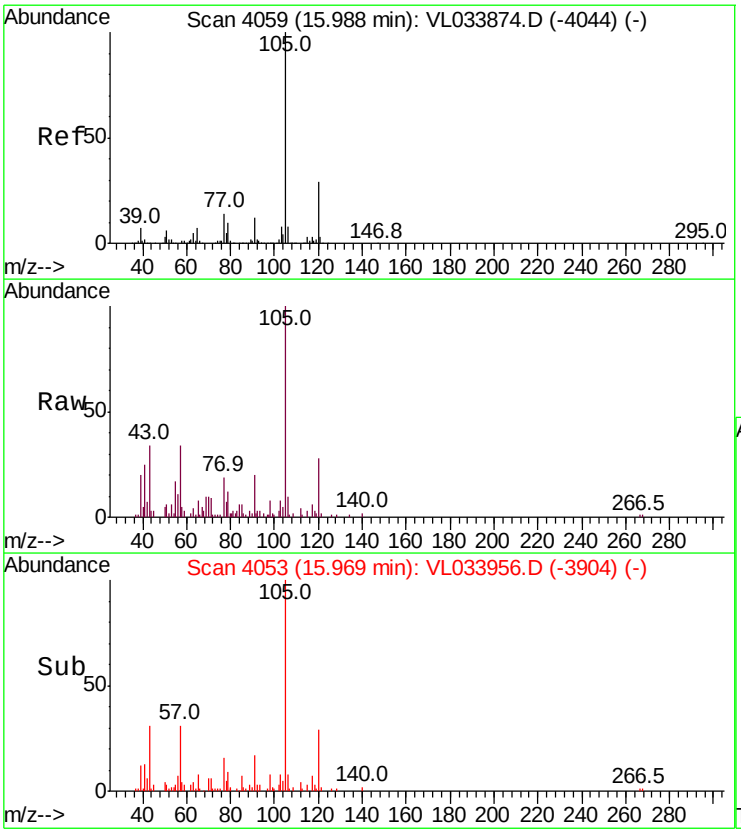
#68
1-Bromo-4-Fluorobenzene
Concen: 9.359 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion: 95 Resp: 1896155

Ion	Ratio	Lower	Upper
95	100		
174	68.0	54.0	81.0
175	4.9	3.8	5.8

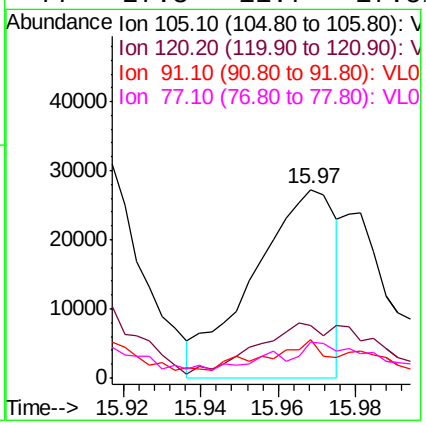


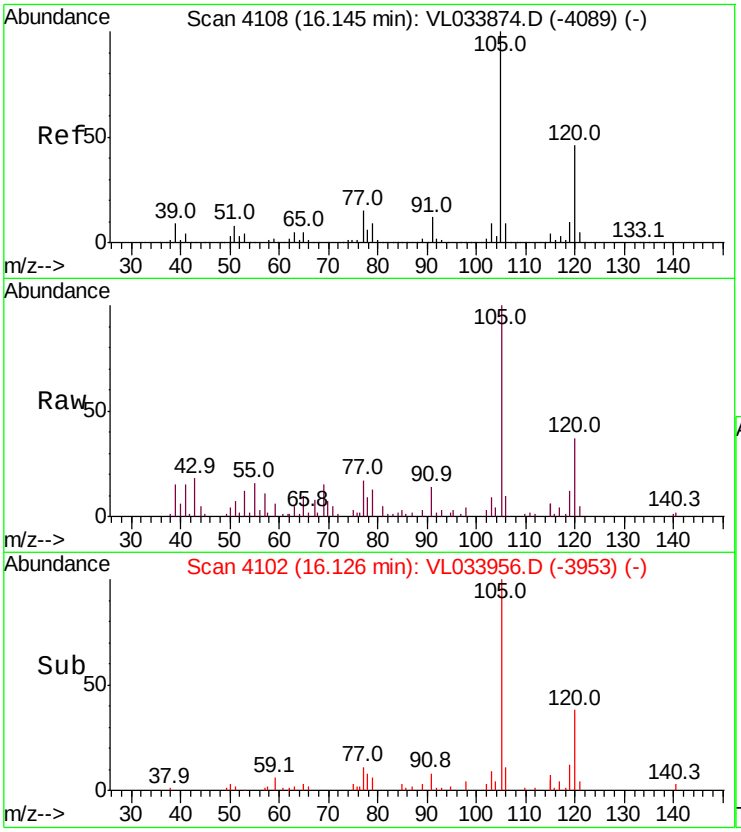


#72
4-Ethyltoluene
Concen: 0.135 ppbv
RT: 15.97 min Scan# 4053
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:105 Resp: 40012

Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.5	35.3#
91	29.0	10.4	15.6#
77	27.3	11.7	17.5#



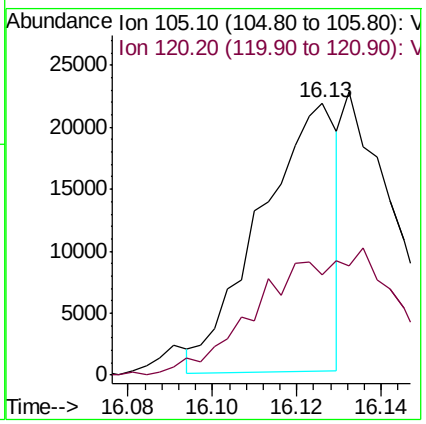


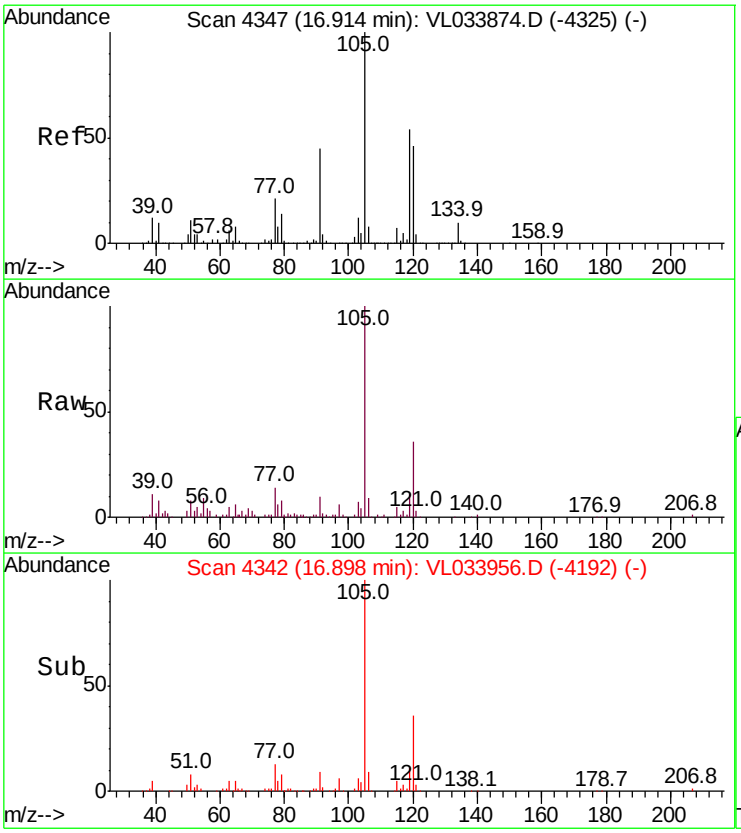
#73
1,3,5-Trimethylbenzene
Concen: 0.094 ppbv
RT: 16.13 min Scan# 4102
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument : MSVOA_L
ClientSampleId : MID

Tgt Ion:105 Resp: 27464

Ion	Ratio	Lower	Upper
105	100		
120	39.4	37.1	55.7

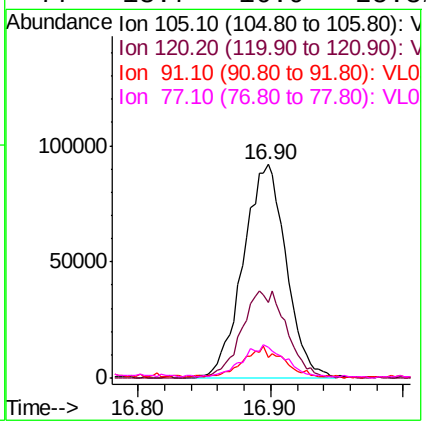


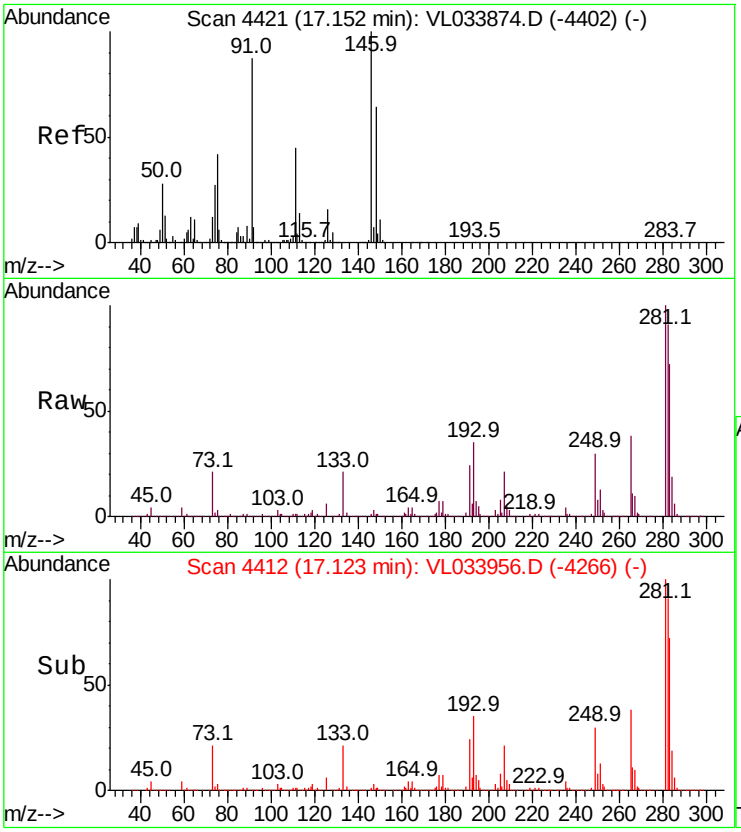


#74
1,2,4-Trimethylbenzene
Concen: 0.612 ppbv
RT: 16.90 min Scan# 4342
Delta R.T. -0.02 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:105 Resp: 206435

Ion	Ratio	Lower	Upper
105	100		
120	35.6	36.7	55.1#
91	9.0	35.8	53.8#
77	13.7	16.9	25.3#



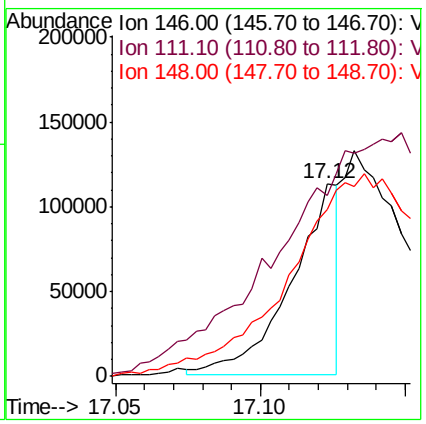


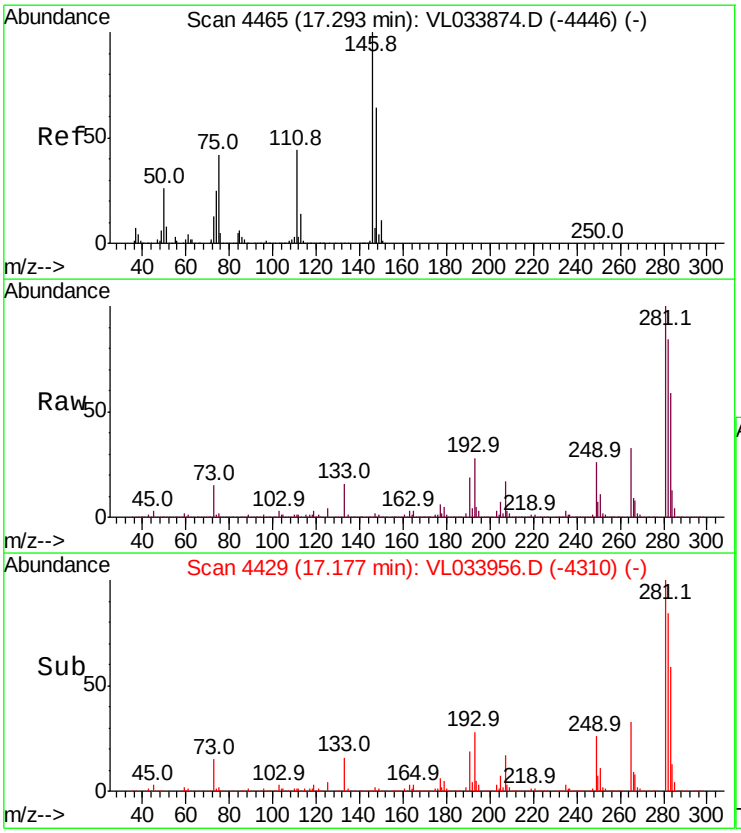
#75
1,3-Dichlorobenzene
Concen: 0.604 ppbv
RT: 17.12 min Scan# 4412
Delta R.T. -0.03 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:146 Resp: 127687

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.3#
148	0.0	32.2	96.6#

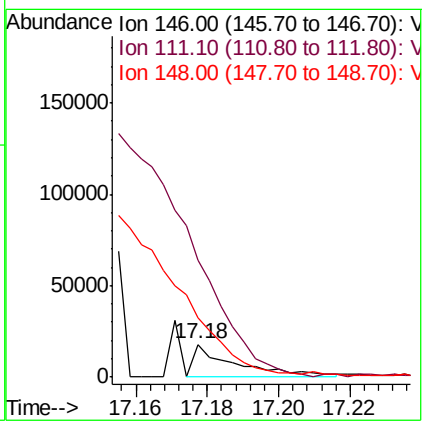


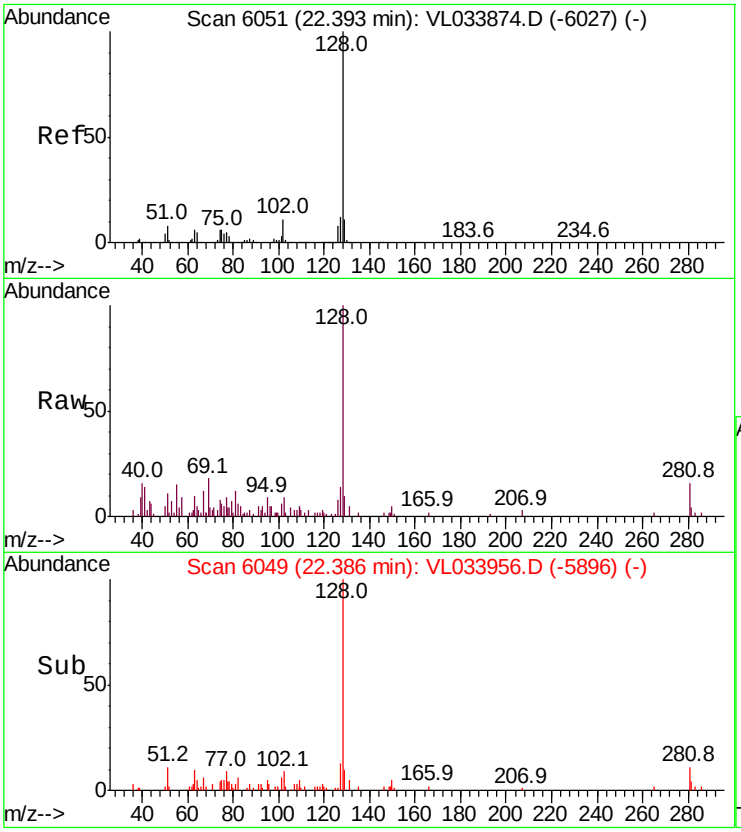


#76
1,4-Dichlorobenzene
Concen: 0.076 ppbv
RT: 17.18 min Scan# 4429
Delta R.T. -0.12 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:146 Resp: 14755

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.1	66.5#
148	0.0	32.4	97.0#



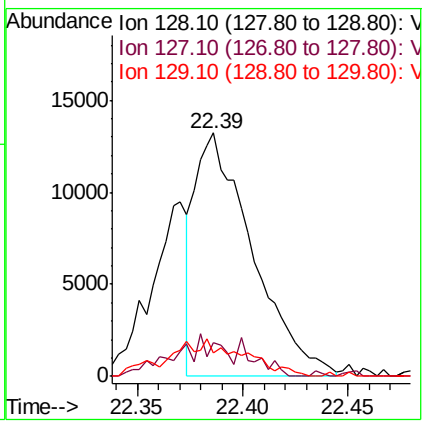


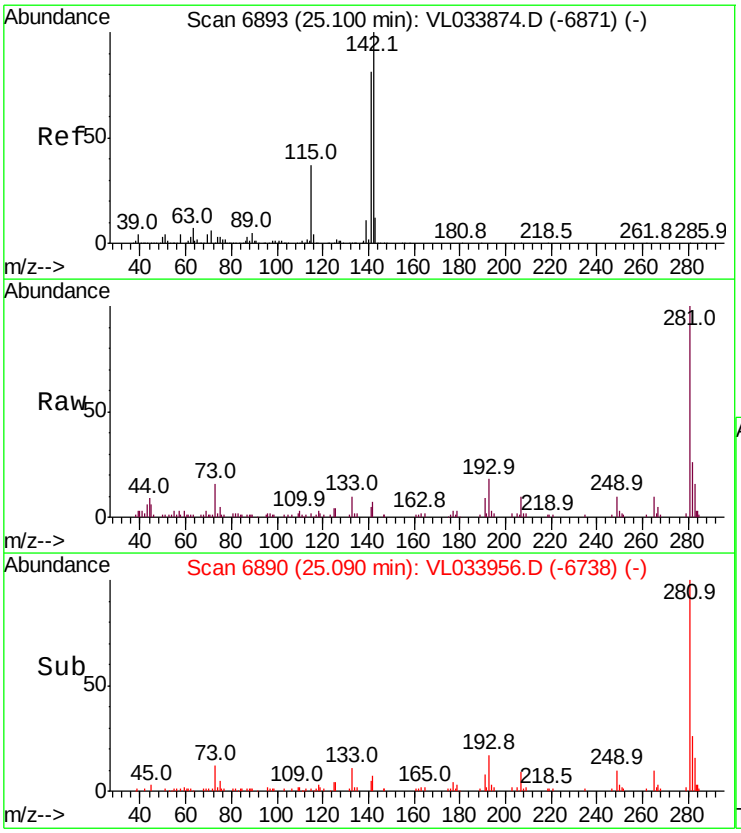
#79
Naphthalene
Concen: 0.093 ppbv
RT: 22.39 min Scan# 6049
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:128 Resp: 24948

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.7	14.5
129	9.7	8.6	12.8

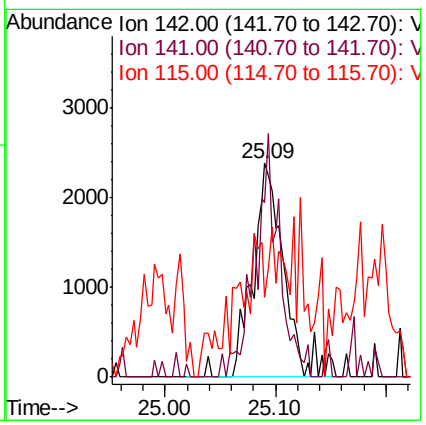


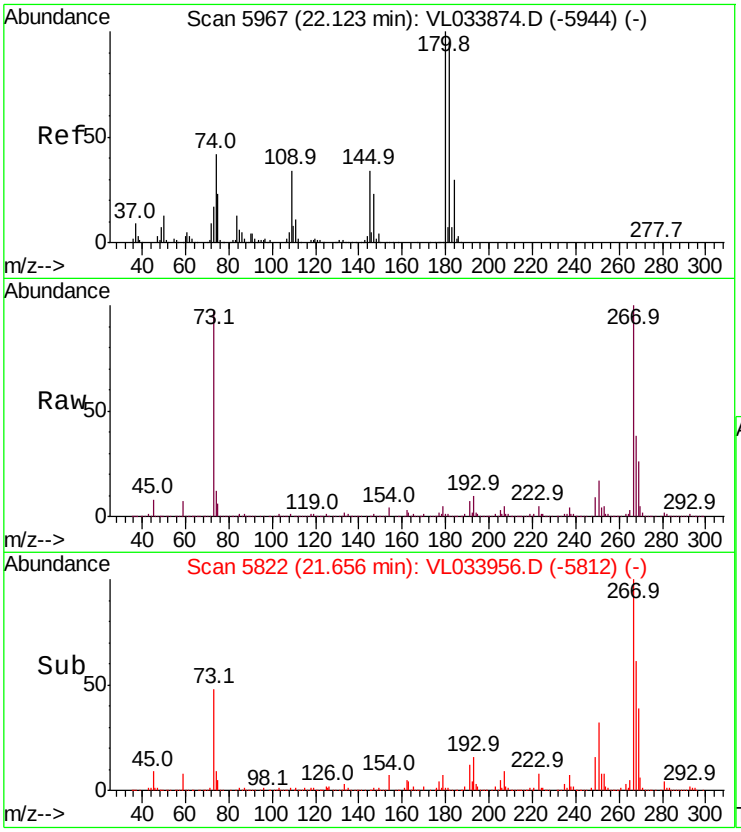


#80
Naphthalene,2-methyl-
Concen: 0.043 ppbv
RT: 25.09 min Scan# 6890
Delta R.T. -0.01 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Tgt Ion:142 Resp: 4652

Ion	Ratio	Lower	Upper
142	100		
141	89.9	65.7	98.5
115	0.0	28.9	43.3#





#81
1,2,4-Trichlorobenzene
Concen: 0.562 ppbv
RT: 21.66 min Scan# 5822
Delta R.T. -0.47 min
Lab File: VL033956.D
Acq: 25 Jun 2019 3:55

Instrument :
MSVOA_L
ClientSampleId :
MID

Tgt Ion:180 Resp: 95751

Ion	Ratio	Lower	Upper
180	100		
182	16.8	76.9	115.3#
184	0.8	24.5	36.7#