Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032119\

Quantitation Report (Not Reviewed)

Data File : VL033430.D
Acq On : 22 Mar 2019 12:26
Operator : SY/AP
Sample : K1975-04DL2 80X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Quant Time: Mar 23 02:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	724381	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1845854	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	1812854	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1438962	10.71	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.10%				
Target Compounds							Qvalue
9) Propene	3.04	41	10061	0.271	ppbv		93
11) Trichlorofluoromethane	4.01	101	6216	0.049	ppbv		87
13) Ethanol	3.66	45	4138	0.234	ppbv	#	38
15) Acetone	3.91	43	357277	3.173	ppbv		100
17) tert-Butyl alcohol	4.39	59	1404	0.089	ppbv	#	74
20) Methylene Chloride	4.41	84	27745	0.756	ppbv		98
25) Ethyl Acetate	5.78	43	13138	0.080	ppbv	#	78
26) Hexane	5.79	57	27622	0.377	ppbv	#	36
32) 1,1,1-Trichloroethane	6.62	97	230348	1.958	ppbv		98
34) 2-Butanone	5.35	43	29396	0.242	ppbv		94
37) 1,2-Dichloroethane	6.62	62	15699	0.150	ppbv	#	1
39) 1,2-Dichloropropane	7.29	63	494770	7.998	ppbv	#	24
44) 2,2,4-Trimethylpentane	7.99	57	9326	0.034	ppbv	#	55
52) Tetrachloroethene	11.38	164	1159702	16.851	ppbv		98
53) Toluene	9.95	91	37687	0.201	ppbv		97
78) Hexachloro-1,3-Butadiene	23.55	225	2968	0.035	ppbv	#	40
80) Naphthalene,2-methyl-	25.14	142	4453	0.039	ppbv		90

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

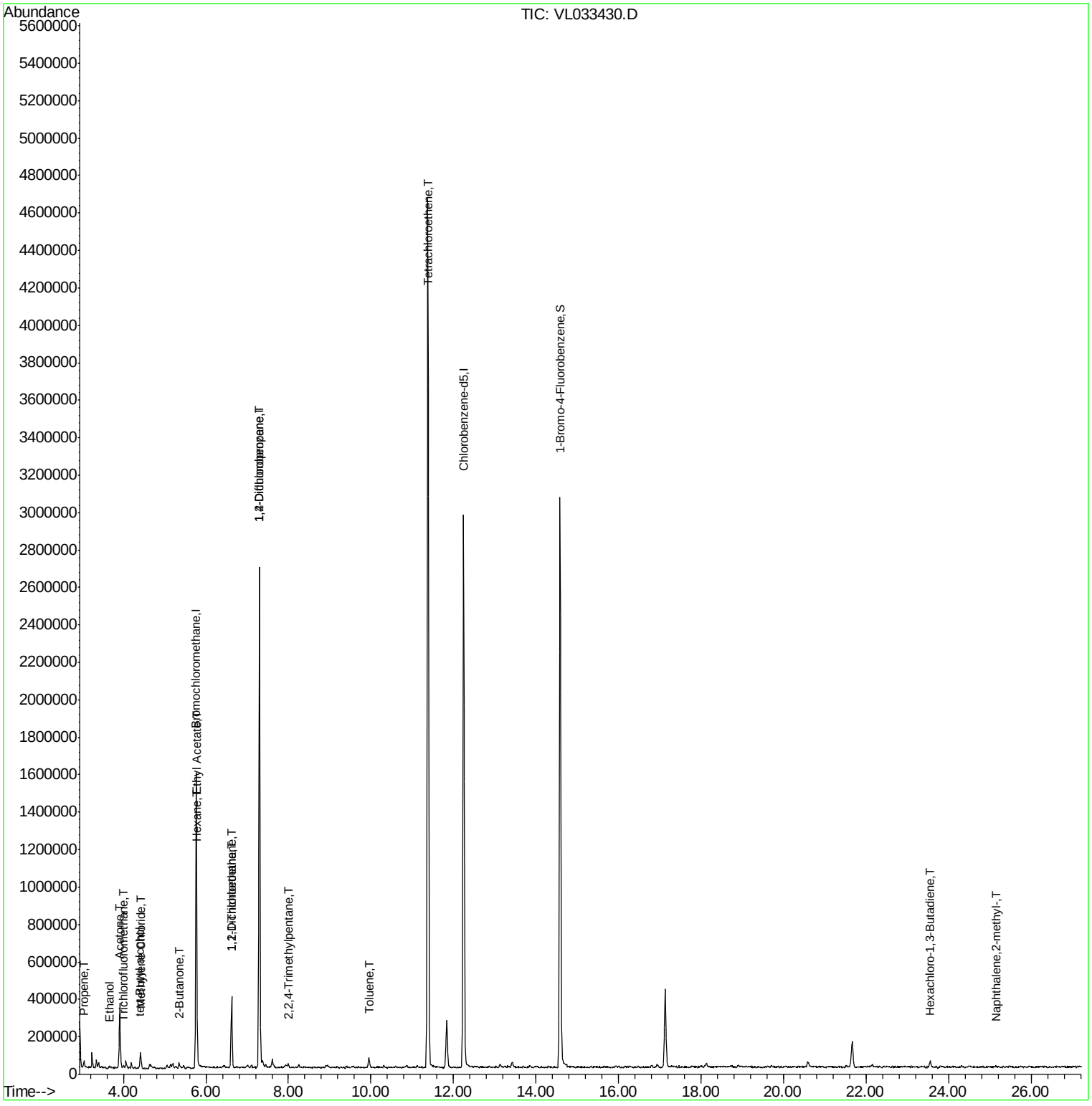
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032119\

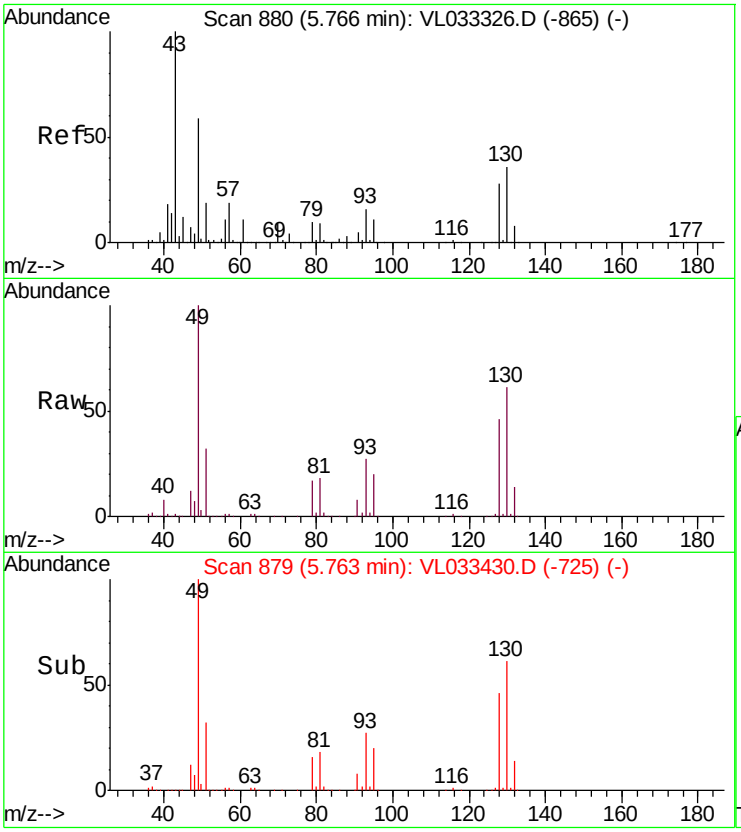
Quantitation Report (Not Reviewed)

Data File : VL033430.D
Acq On : 22 Mar 2019 12:26
Operator : SY/AP
Sample : K1975-04DL2 80X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Quant Time: Mar 23 02:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



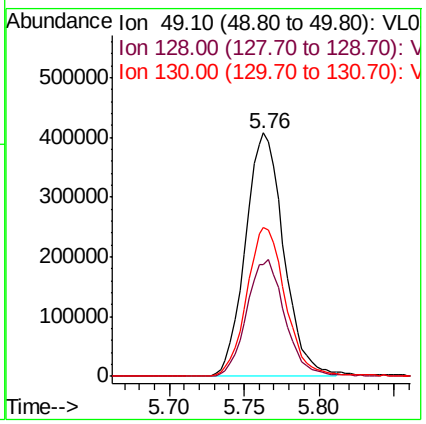


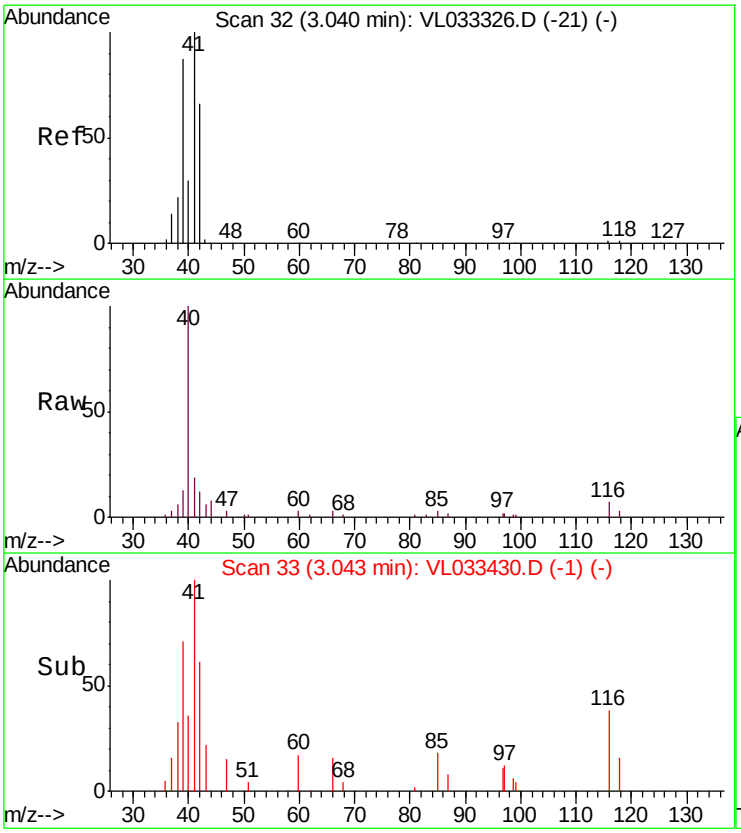
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion: 49 Resp: 724381

Ion	Ratio	Lower	Upper
49	100		
128	48.1	23.5	70.6
130	62.1	30.1	90.3

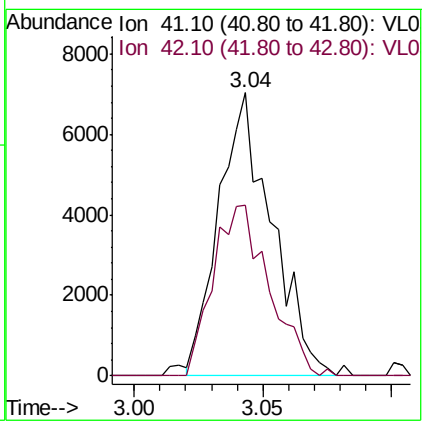


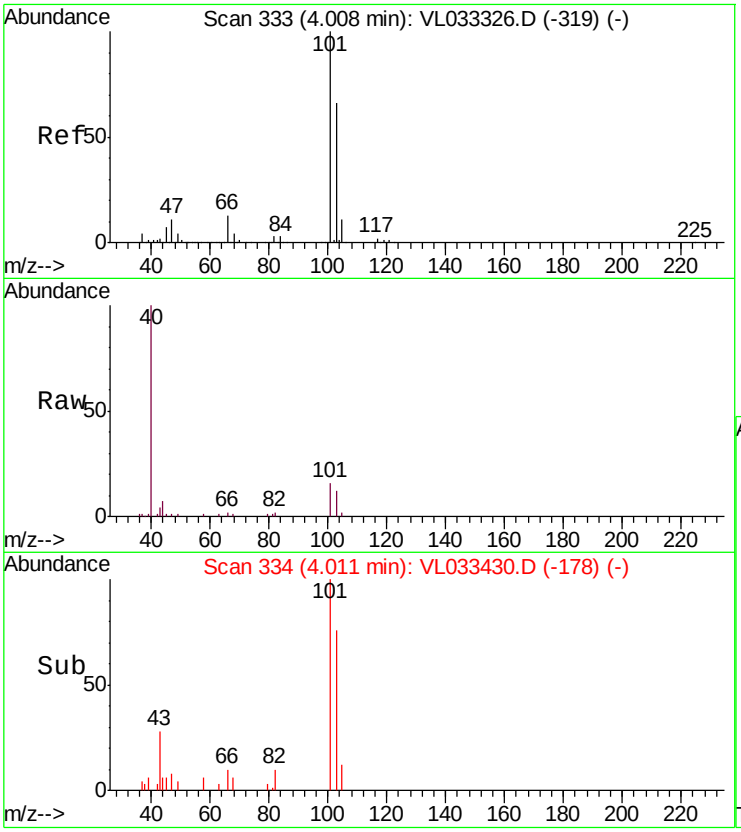


#9
Propene
Concen: 0.271 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 41 Resp: 10061

Ion	Ratio	Lower	Upper
41	100		
42	63.6	55.2	82.8



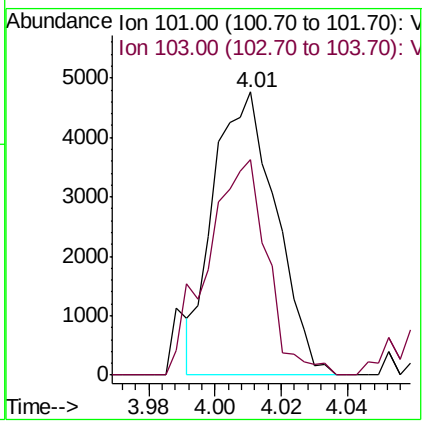


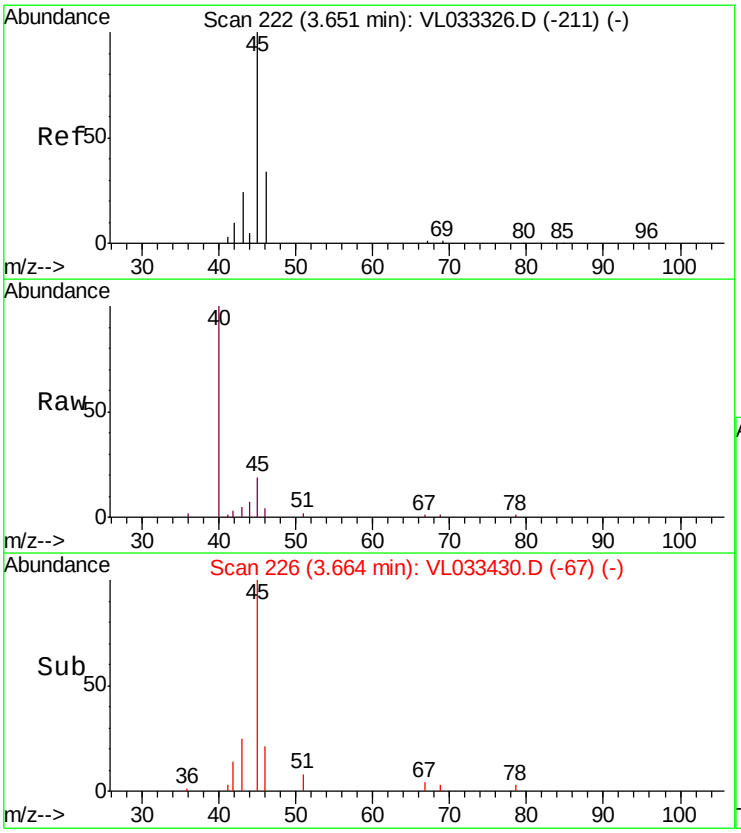
#11
Trichlorofluoromethane
Concen: 0.049 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion:101 Resp: 6216

Ion	Ratio	Lower	Upper
101	100		
103	76.4	52.9	79.3

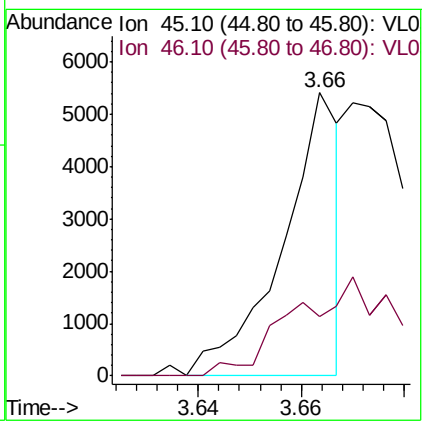


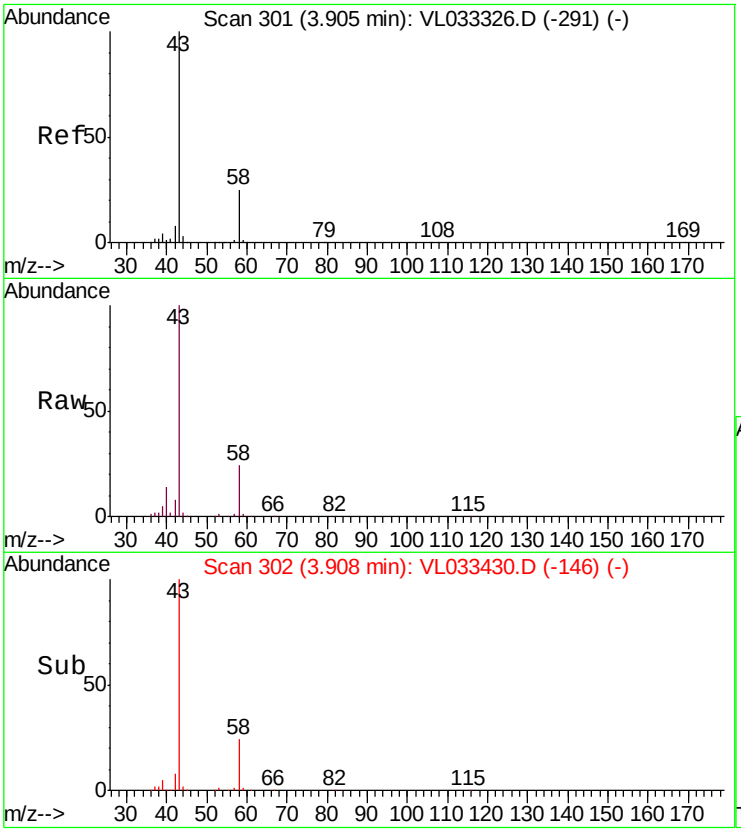


#13
Ethanol
Concen: 0.234 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 45 Resp: 4138

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#



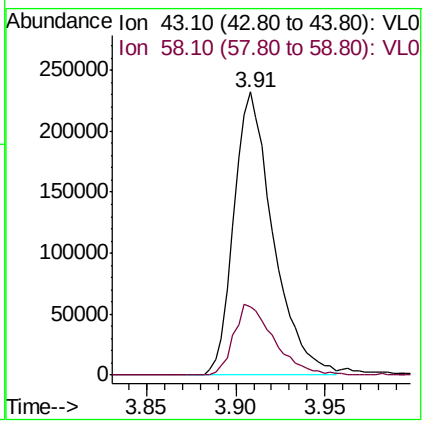


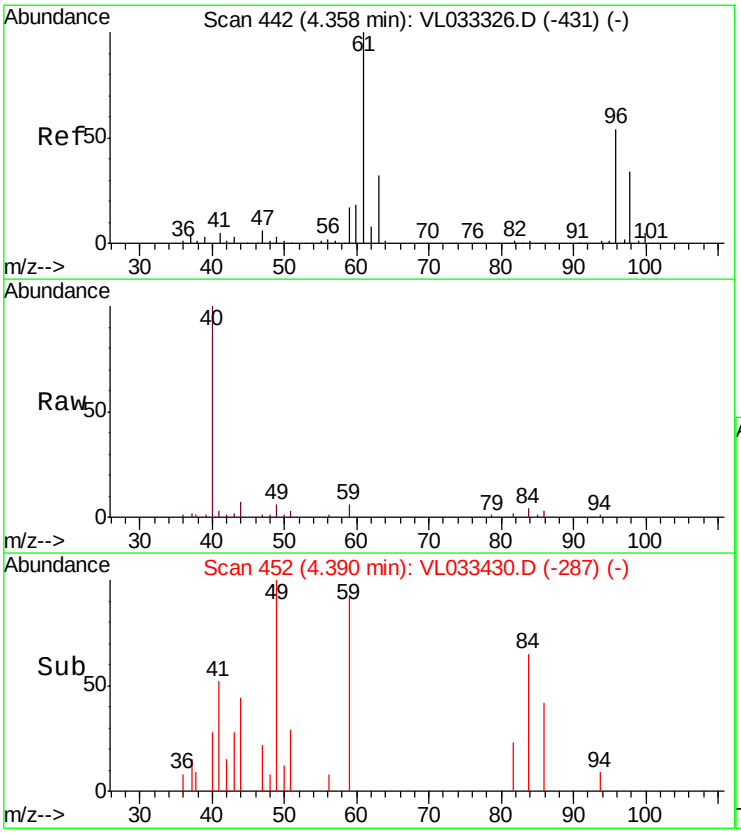
#15
Acetone
Concen: 3.173 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion: 43 Resp: 357277

Ion	Ratio	Lower	Upper
43	100		
58	25.6	20.4	30.6

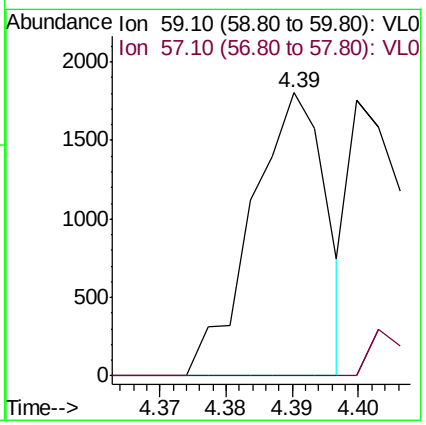


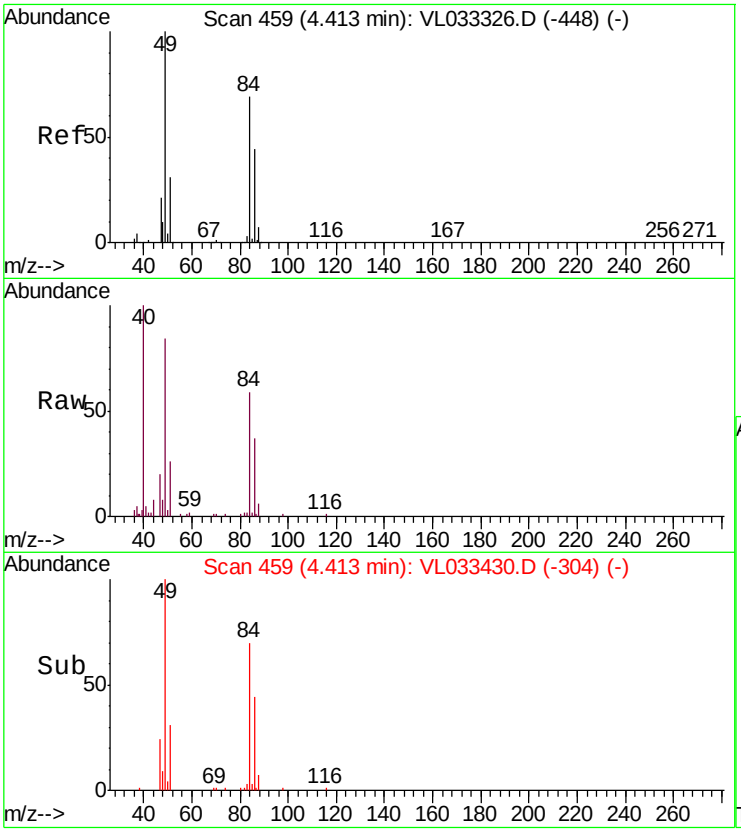


#17
tert-Butyl alcohol
Concen: 0.089 ppbv
RT: 4.39 min Scan# 452
Delta R.T. 0.03 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 59 Resp: 1404

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



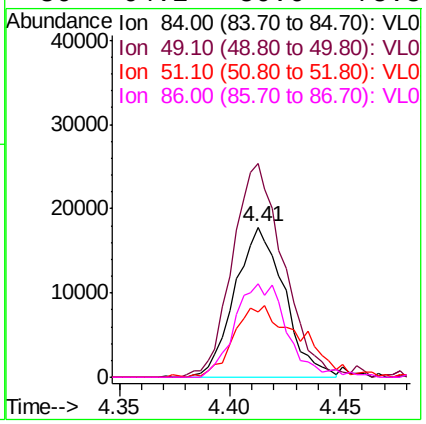


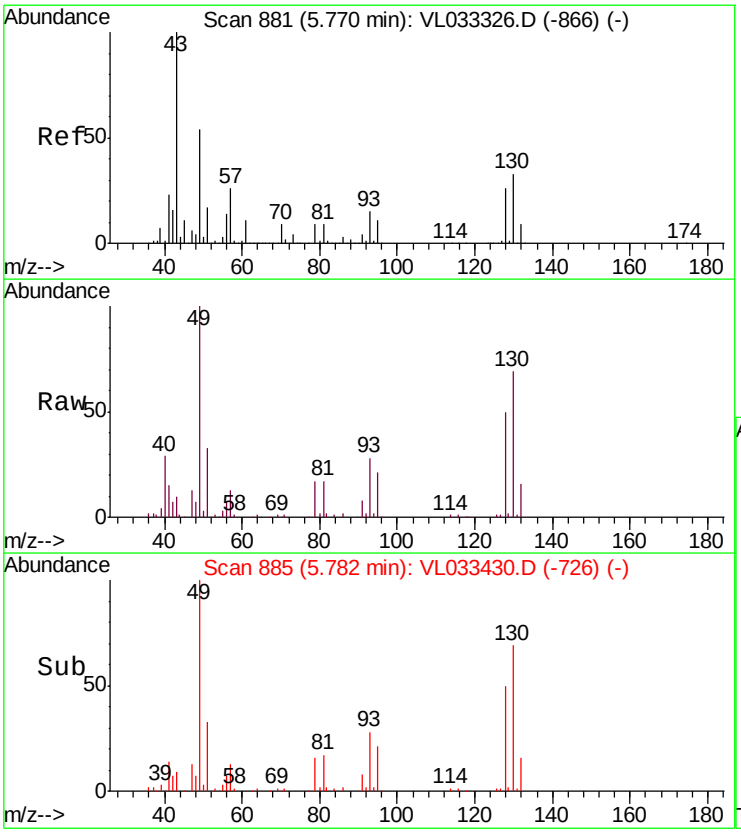
#20
Methylene Chloride
Concen: 0.756 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Tgt Ion: 84 Resp: 27745

Ion	Ratio	Lower	Upper
84	100		
49	140.6	115.4	173.0
51	43.8	35.8	53.6
86	64.2	50.6	75.8

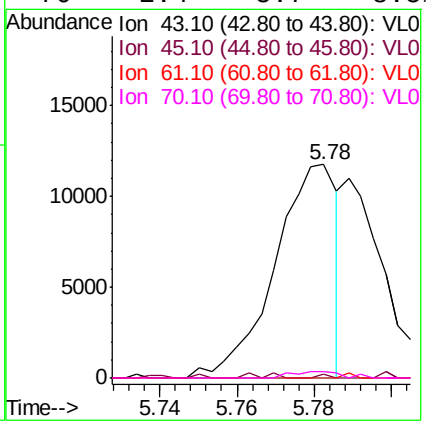


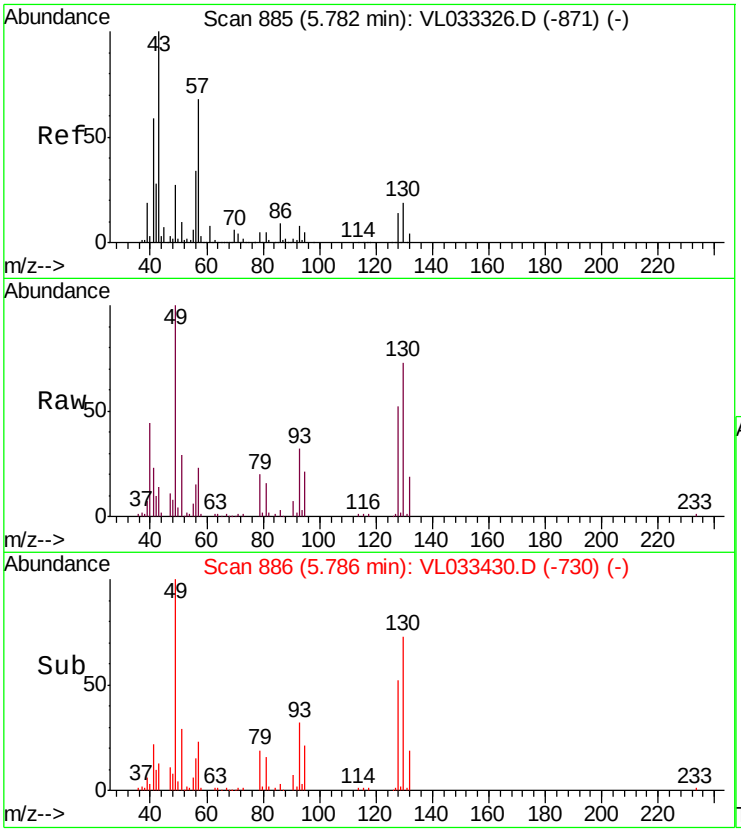


#25
Ethyl Acetate
Concen: 0.080 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 43 Resp: 13138

Ion	Ratio	Lower	Upper
43	100		
45	0.8	7.9	11.9#
61	0.0	7.4	11.2#
70	2.4	5.7	8.5#



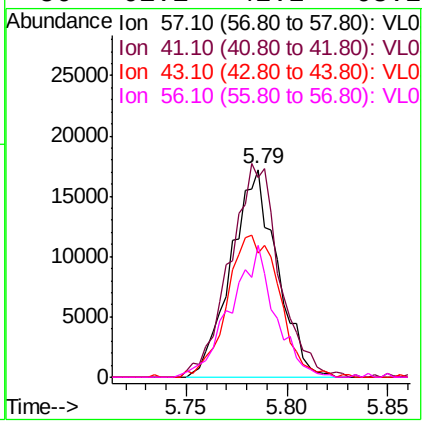


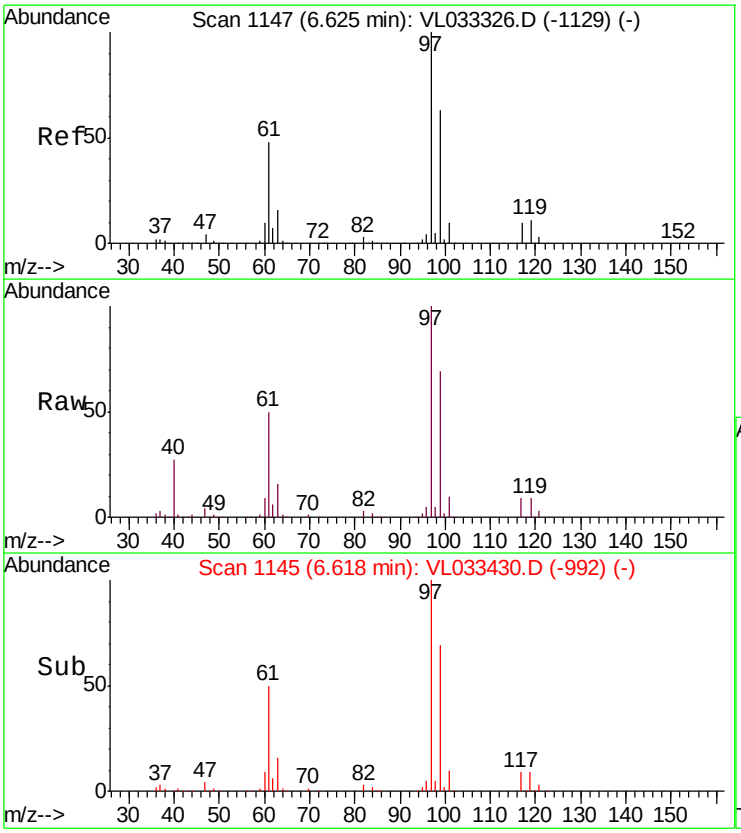
#26
Hexane
Concen: 0.377 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Tgt Ion: 57 Resp: 27622

Ion	Ratio	Lower	Upper
57	100		
41	110.1	70.5	105.7#
43	77.7	181.8	272.8#
56	61.1	42.2	63.2

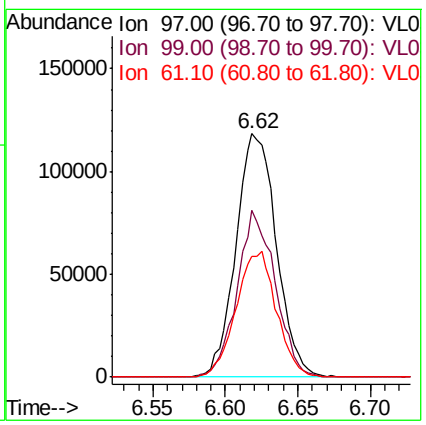


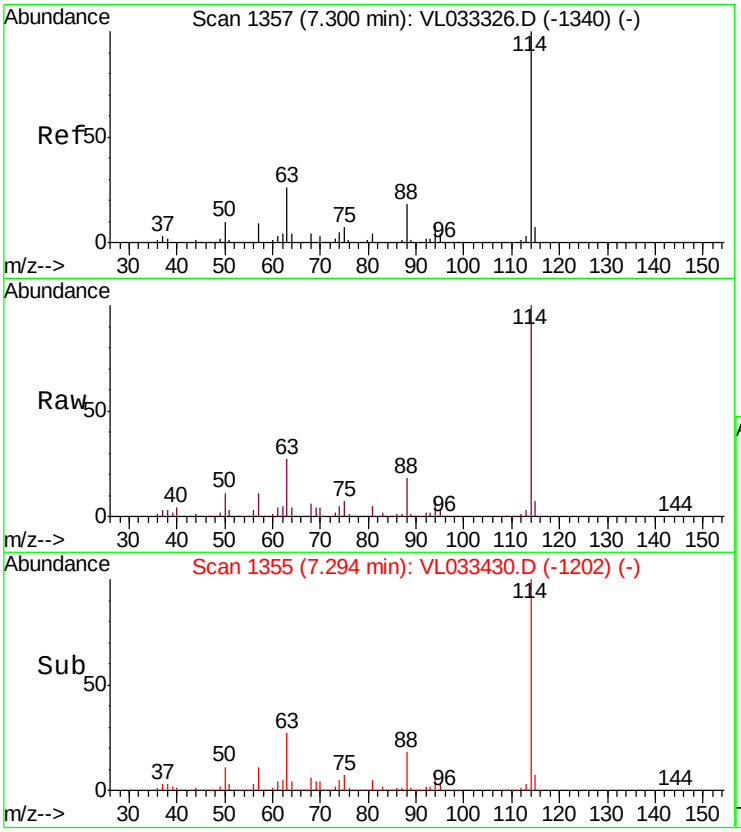


#32
1,1,1-Trichloroethane
Concen: 1.958 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.01 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 97 Resp: 230348

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.6
61	51.4	39.3	58.9



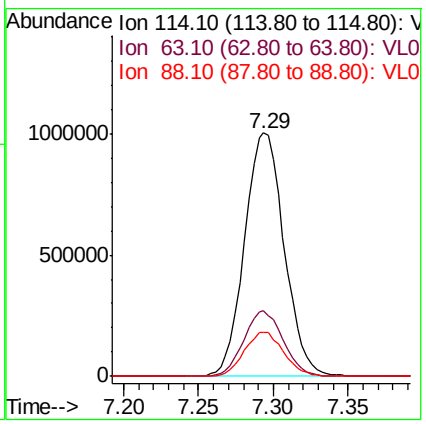


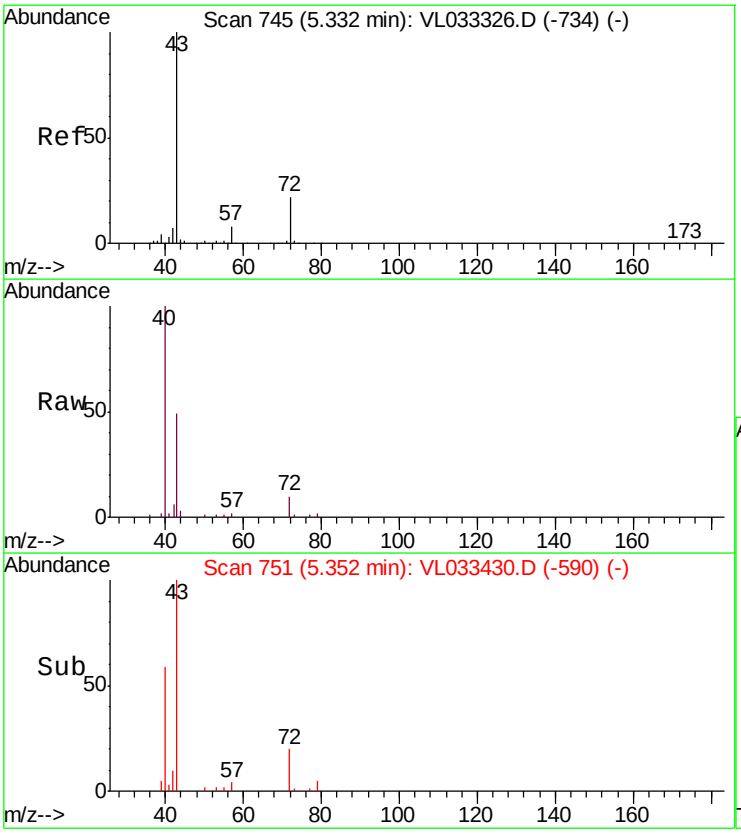
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Tgt Ion:114 Resp: 1845854

Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.4	32.2
88	18.1	14.5	21.7

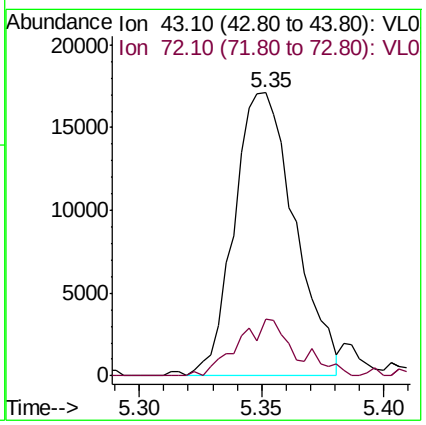


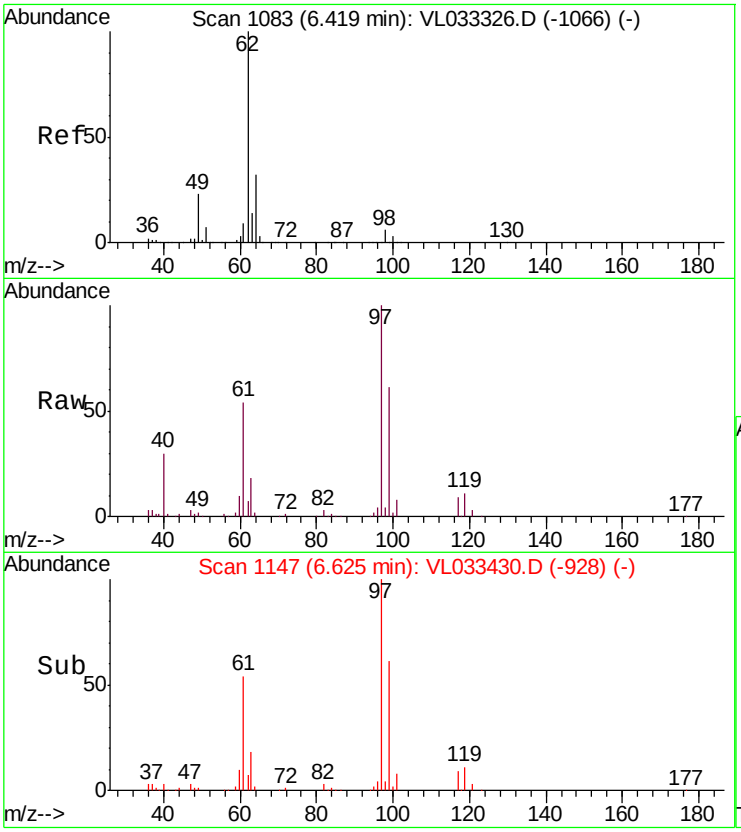


#34
2-Butanone
Concen: 0.242 ppbv
RT: 5.35 min Scan# 751
Delta R.T. 0.02 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 43 Resp: 29396

Ion	Ratio	Lower	Upper
43	100		
72	19.1	17.7	26.5



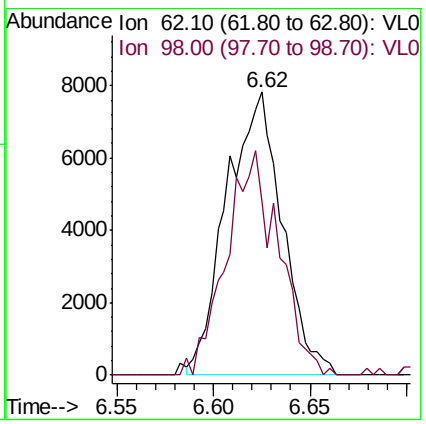


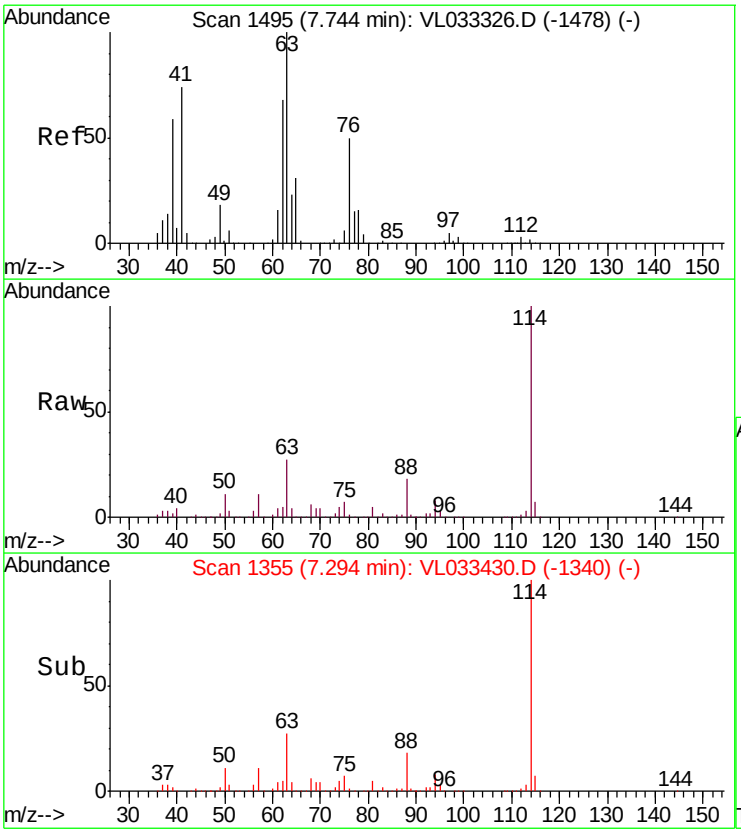
#37
1,2-Dichloroethane
Concen: 0.150 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. 0.21 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion: 62 Resp: 15699

Ion	Ratio	Lower	Upper
62	100		
98	73.8	4.5	6.7#

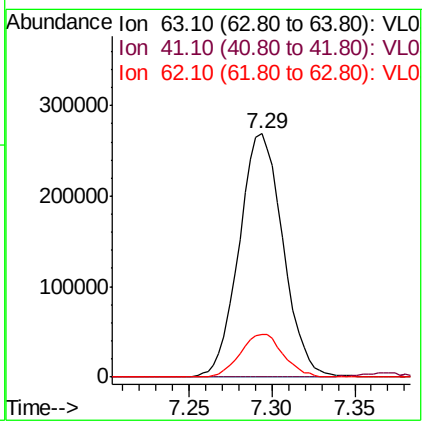


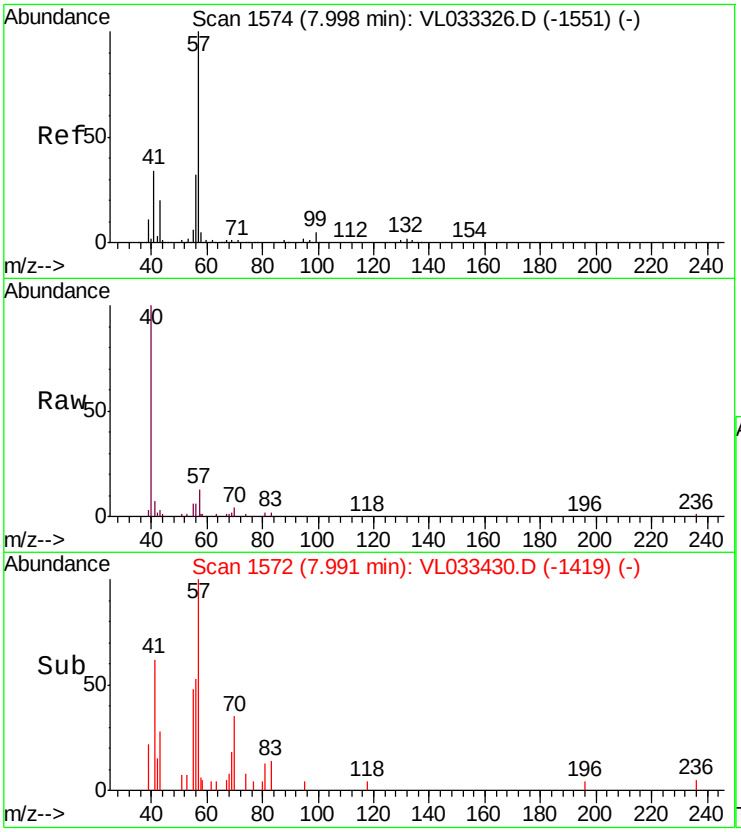


#39
1,2-Dichloropropane
Concen: 7.998 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion: 63 Resp: 494770

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	17.3	54.7	82.1#



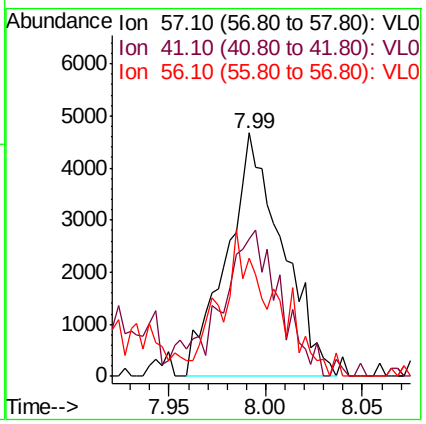


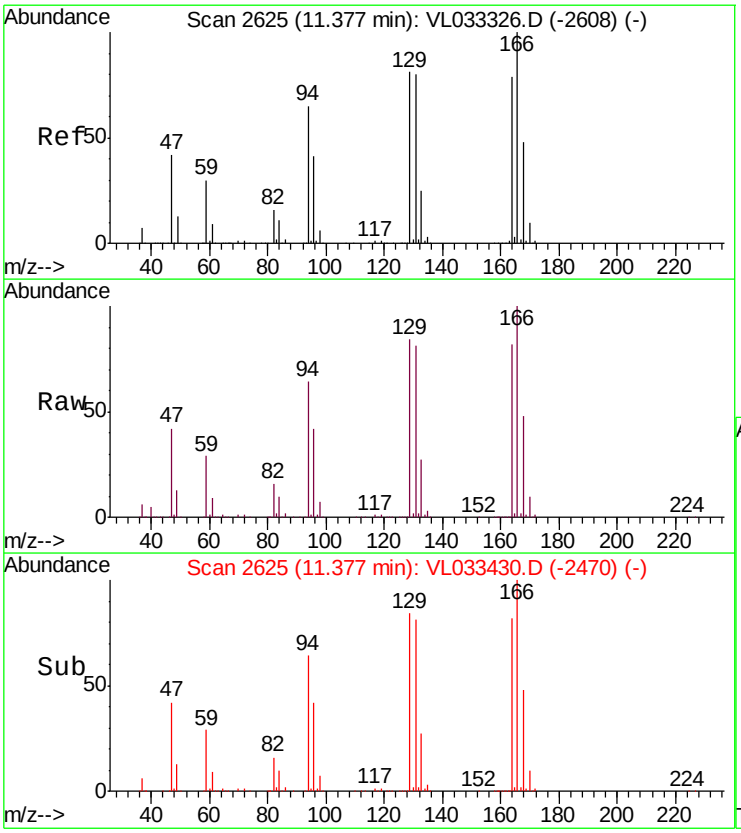
#44
2,2,4-Trimethylpentane
Concen: 0.034 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Tgt Ion: 57 Resp: 9326

Ion	Ratio	Lower	Upper
57	100		
41	57.6	26.0	39.0#
56	55.9	24.6	36.8#

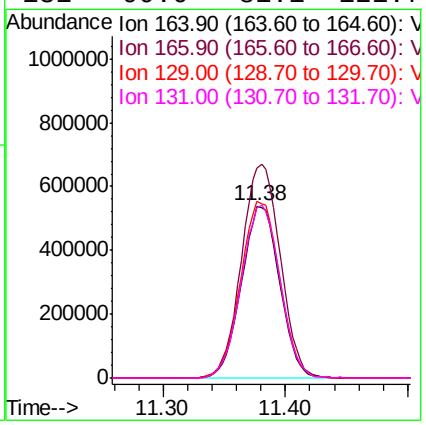


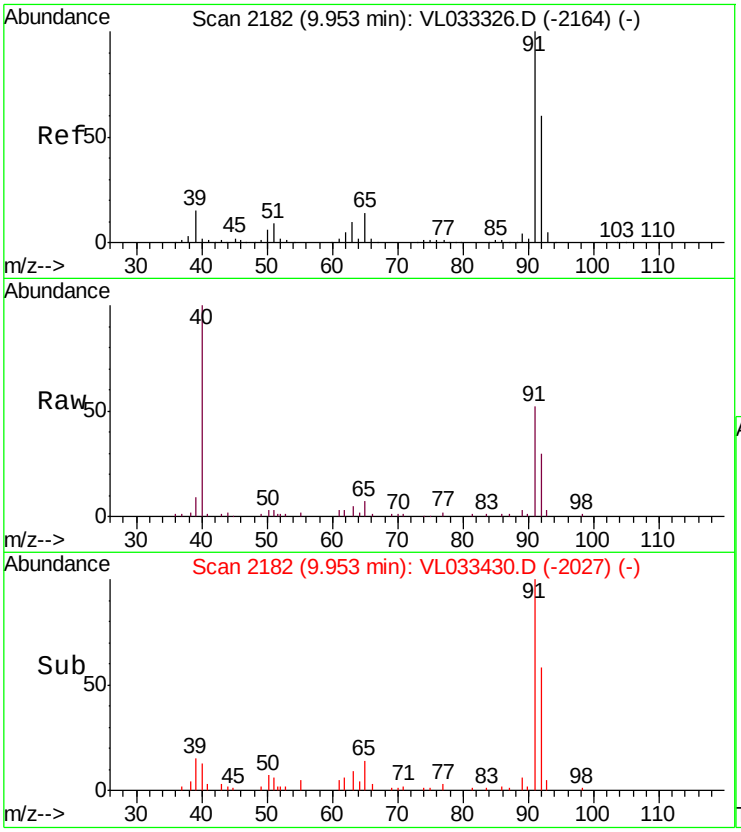


#52
Tetrachloroethene
Concen: 16.851 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion:164 Resp: 1159702

Ion	Ratio	Lower	Upper
164	100		
166	122.7	101.5	152.3
129	102.7	82.2	123.2
131	99.0	81.1	121.7



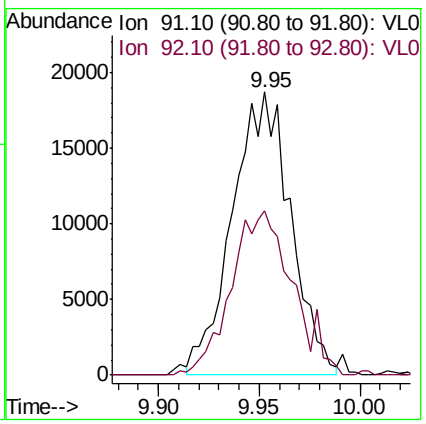


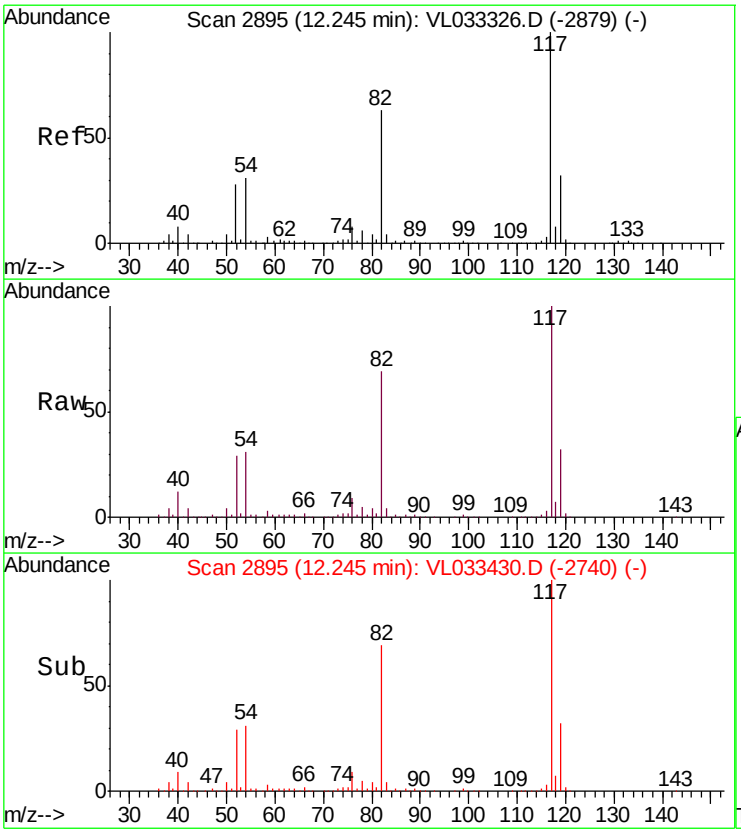
#53
Toluene
Concen: 0.201 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion: 91 Resp: 37687

Ion	Ratio	Lower	Upper
91	100		
92	61.3	47.4	71.0

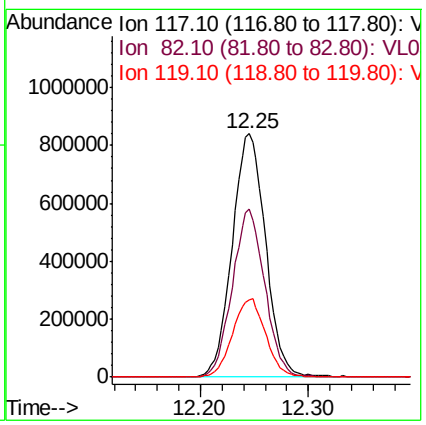


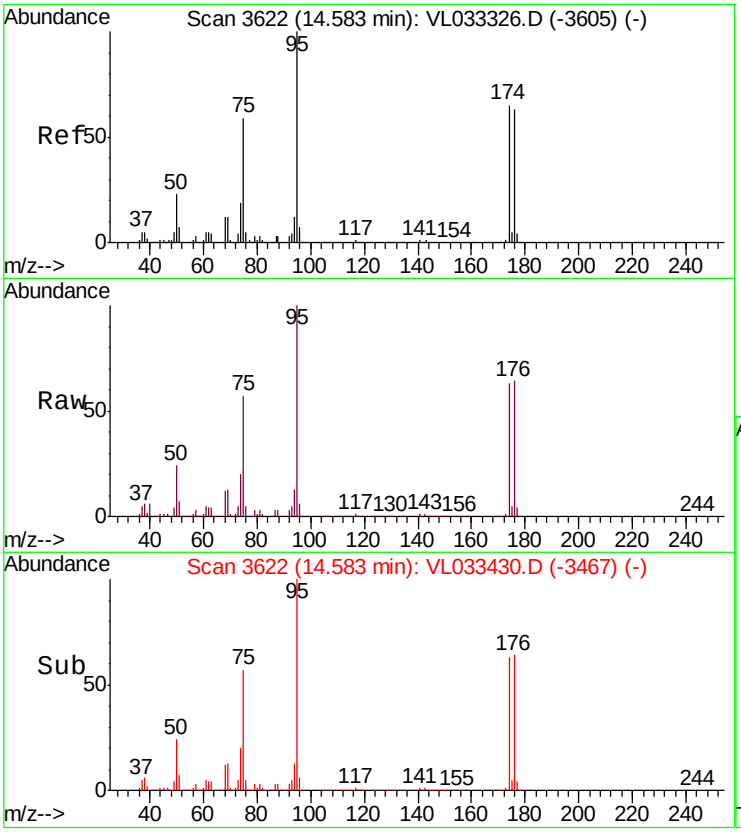


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion:117 Resp: 1812854

Ion	Ratio	Lower	Upper
117	100		
82	67.7	53.4	80.2
119	32.1	27.3	40.9



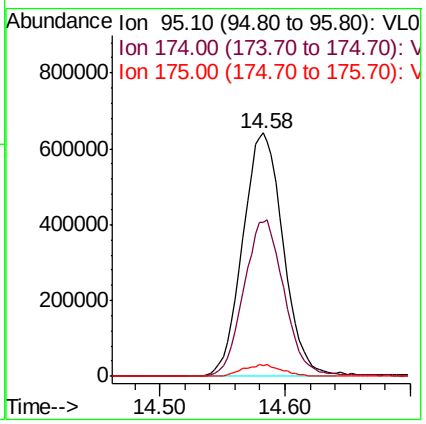


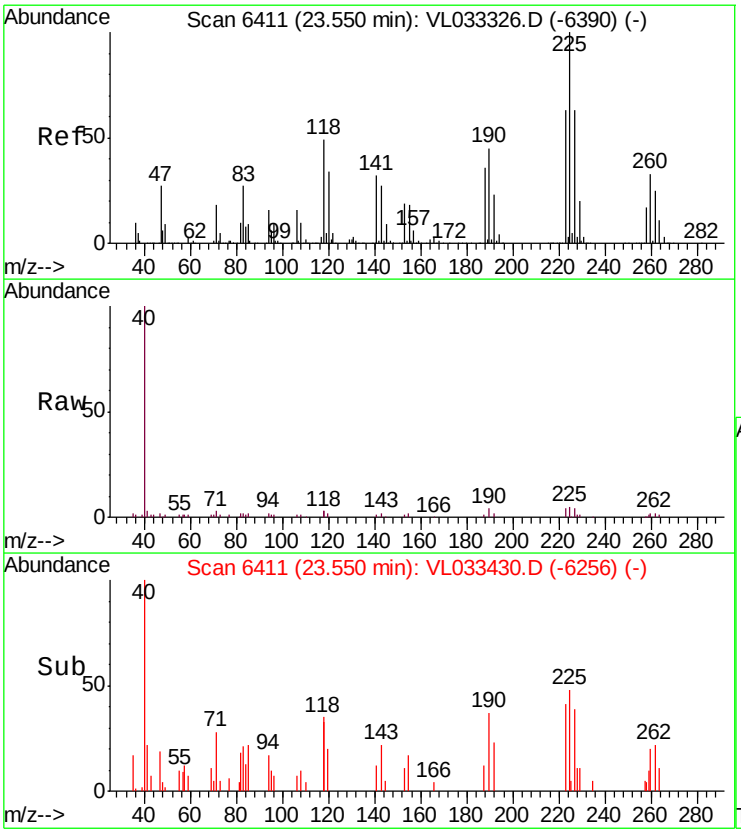
#68
1-Bromo-4-Fluorobenzene
Concen: 10.712 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument : MSVOA_L
ClientSampleId : SV2DL2

Tgt Ion: 95 Resp: 1438962

Ion	Ratio	Lower	Upper
95	100		
174	65.0	51.5	77.3
175	4.7	3.8	5.6

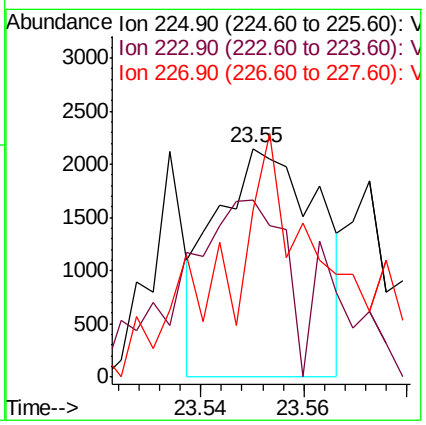


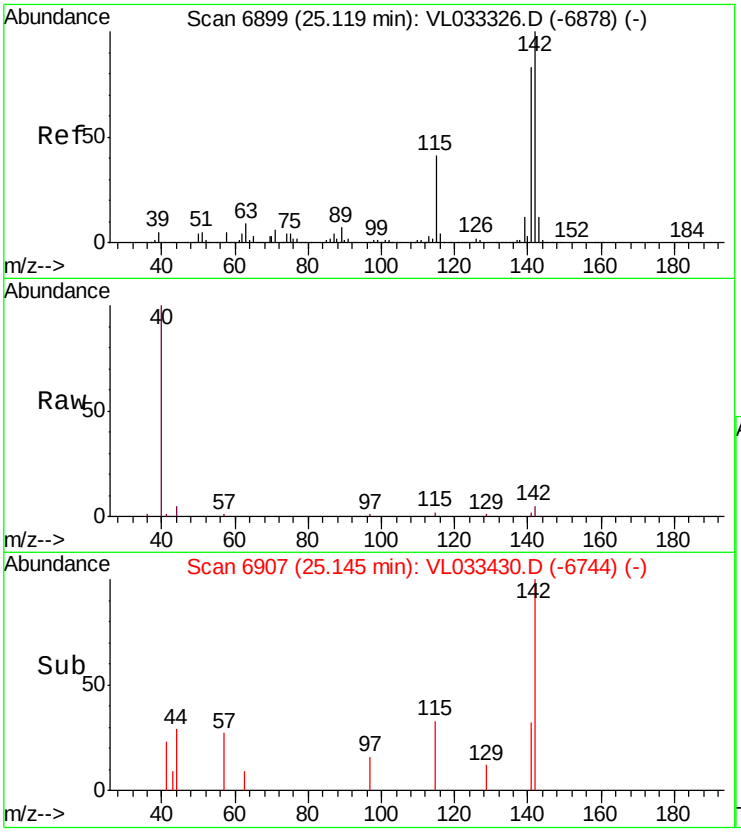


#78
Hexachloro-1,3-Butadiene
Concen: 0.035 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. -0.00 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Tgt Ion:225 Resp: 2968

Ion	Ratio	Lower	Upper
225	100		
223	103.7	50.4	75.6#
227	116.1	50.5	75.7#





#80
Naphthalene,2-methyl-
Concen: 0.039 ppbv
RT: 25.14 min Scan# 6907
Delta R.T. 0.03 min
Lab File: VL033430.D
Acq: 22 Mar 2019 12:26

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion:142 Resp: 4453

Ion	Ratio	Lower	Upper
142	100		
141	73.4	67.1	100.7
115	38.8	33.8	50.6