Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033820.D
Acq On : 29 May 2019 2:32
Operator : SY/AP
Sample : K2960-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Quant Time: May 29 05:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	868706	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2404899	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2218279	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1896105	10.54	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	37889	0.207	ppbv		98
3) Chlorodifluoromethane	2.99	51	60931	0.612	ppbv	#	75
4) Chloromethane	3.17	50	21475	0.377	ppbv		95
7) Chloroethane	3.60	64	277	0.013	ppbv	#	41
9) Propene	3.03	41	2124931	50.206	ppbv		92
10) Heptane	8.24	43	252272	2.105	ppbv		99
11) Trichlorofluoromethane	4.00	101	43520	0.249	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	17218	0.141	ppbv	#	75
13) Ethanol	3.65	45	239739	17.525	ppbv		98
15) Acetone	3.89	43	14198071	117.799	ppbv	#	79
16) 1,3-Butadiene	3.34	39	1692642	35.266	ppbv	#	22
17) tert-Butyl alcohol	4.36	59	254952	2.616	ppbv		97
19) Isopropyl Alcohol	4.03	45	112743	1.451	ppbv	#	94
20) Methylene Chloride	4.41	84	67599	1.457	ppbv		95
21) Allyl Chloride	4.46	41	29244	0.389	ppbv	#	1
23) Vinyl Acetate	5.14	43	76030	0.478	ppbv	#	1
24) 1,1-Dichloroethane	5.13	63	1465	0.012	ppbv	#	90
25) Ethyl Acetate	5.77	43	215629	1.018	ppbv	#	82
26) Hexane	5.78	57	278197	3.056	ppbv	#	37
27) Carbon Disulfide	4.62	76	292925	2.346	ppbv		97
29) Chloroform	5.85	83	69178	0.413	ppbv		97
30) Cyclohexane	7.25	84	19352	0.253	ppbv	#	1
32) 1,1,1-Trichloroethane	6.62	97	2543	0.015	ppbv	#	1
34) 2-Butanone	5.32	43	1904895	12.779	ppbv		98
35) Carbon Tetrachloride	7.14	117	9697	0.050	ppbv		84
36) Benzene	7.00	78	285237	1.304	ppbv		97
38) Trichloroethene	7.95	130	2548	0.031	ppbv	#	57
39) 1,2-Dichloropropane	7.29	63	581519	7.130	ppbv	#	23
41) Tetrahydrofuran	6.15	42	6773	0.081	ppbv	#	36
42) Bromodichloromethane	7.92	83	5558	0.029	ppbv	#	57
44) 2,2,4-Trimethylpentane	7.99	57	55794	0.151	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.87	43	107684	0.470	ppbv		97
51) 2-Hexanone	10.26	43	249454	1.394	ppbv	#	98
52) Tetrachloroethene	11.36	164	6287	0.082	ppbv		87
53) Toluene	9.94	91	2630047	11.146	ppbv		100
58) Ethyl Benzene	12.86	91	582627	1.983	ppbv		97
59) m/p-Xylene	13.11	91	1904006	7.415	ppbv		97
60) o-Xylene	13.84	91	691382	2.671	ppbv		99
61) Styrene	13.69	104	13962	0.080	ppbv	#	17
62) Isopropylbenzene	14.82	105	52241	0.150	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	12094	0.064	ppbv	#	25

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033820.D
Acq On : 29 May 2019 2:32
Operator : SY/AP
Sample : K2960-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Quant Time: May 29 05:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.71	120	55825	0.619	ppbv		98
65) tert-Butylbenzene	16.92	119	93152	0.293	ppbv	#	68
67) sec-Butylbenzene	17.46	105	10578	0.024	ppbv	#	20
69) p-Isopropyltoluene	17.81	119	5454	0.015	ppbv	#	48
71) 2-Chlorotoluene	15.99	91	34071	0.132	ppbv		94
72) 4-Ethyltoluene	16.00	105	296326	1.001	ppbv		98
73) 1,3,5-Trimethylbenzene	16.15	105	219480	0.760	ppbv		97
74) 1,2,4-Trimethylbenzene	16.92	105	838143	2.667	ppbv	#	74
75) 1,3-Dichlorobenzene	17.16	146	26950	0.140	ppbv	#	1
76) 1,4-Dichlorobenzene	17.31	146	2865	0.016	ppbv	#	1
79) Naphthalene	22.42	128	42543	0.146	ppbv	#	97
80) Naphthalene,2-methyl-	25.42	142	6537	0.059	ppbv		96

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

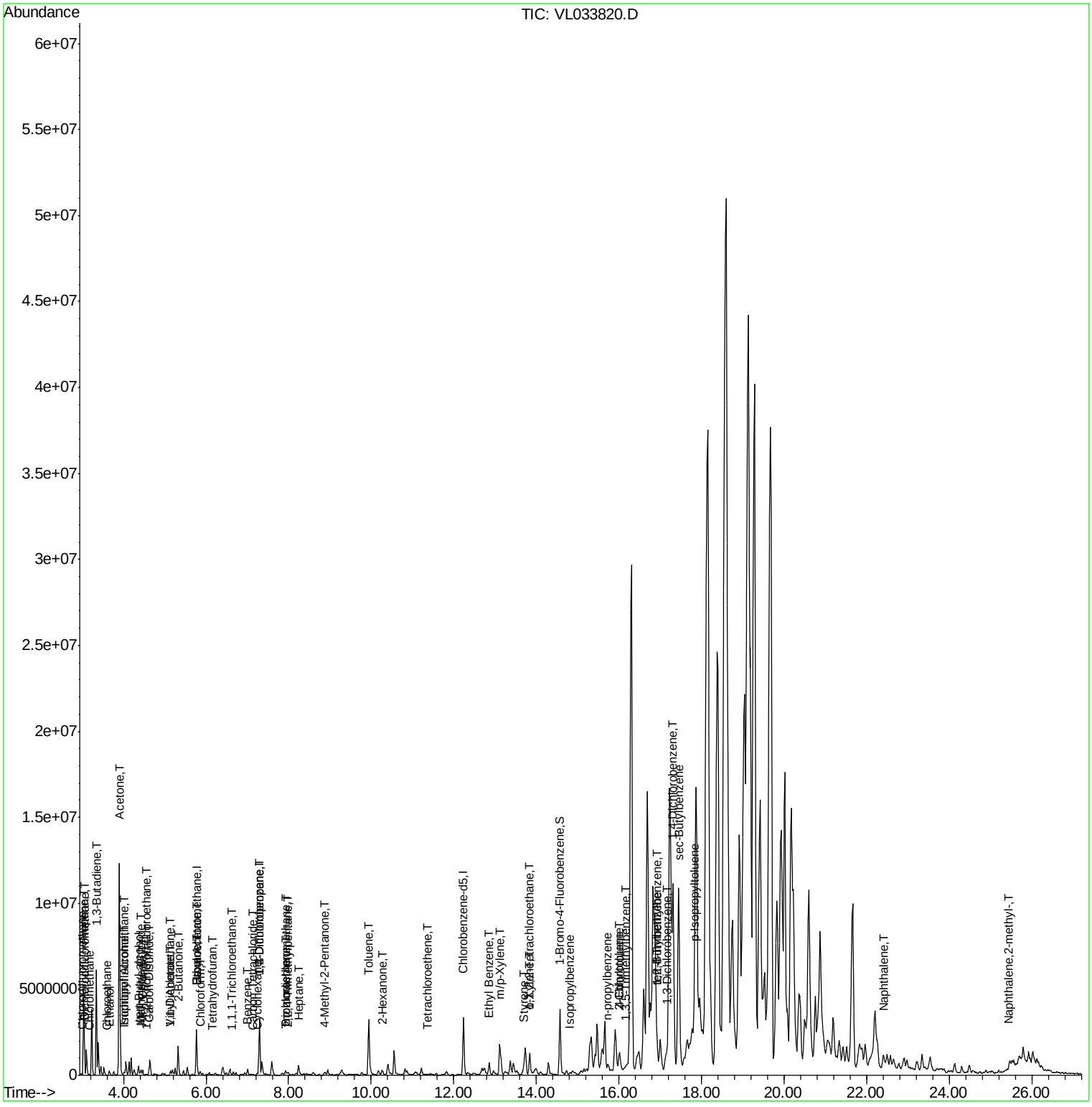
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

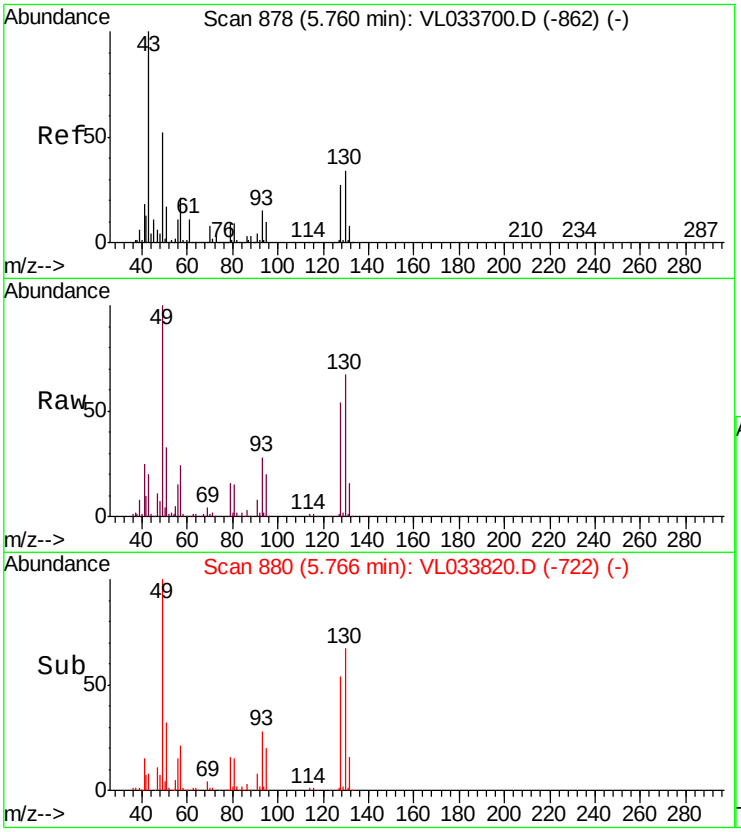
Quantitation Report (Not Reviewed)

Data File : VL033820.D
Acq On : 29 May 2019 2:32
Operator : SY/AP
Sample : K2960-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Quant Time: May 29 05:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



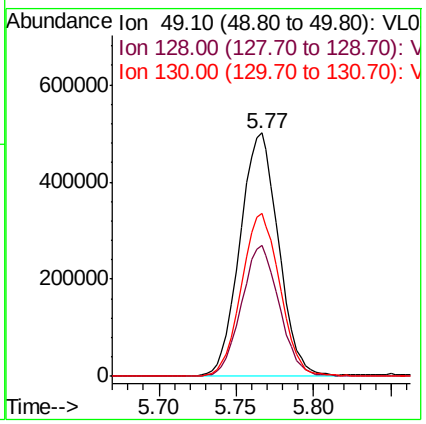


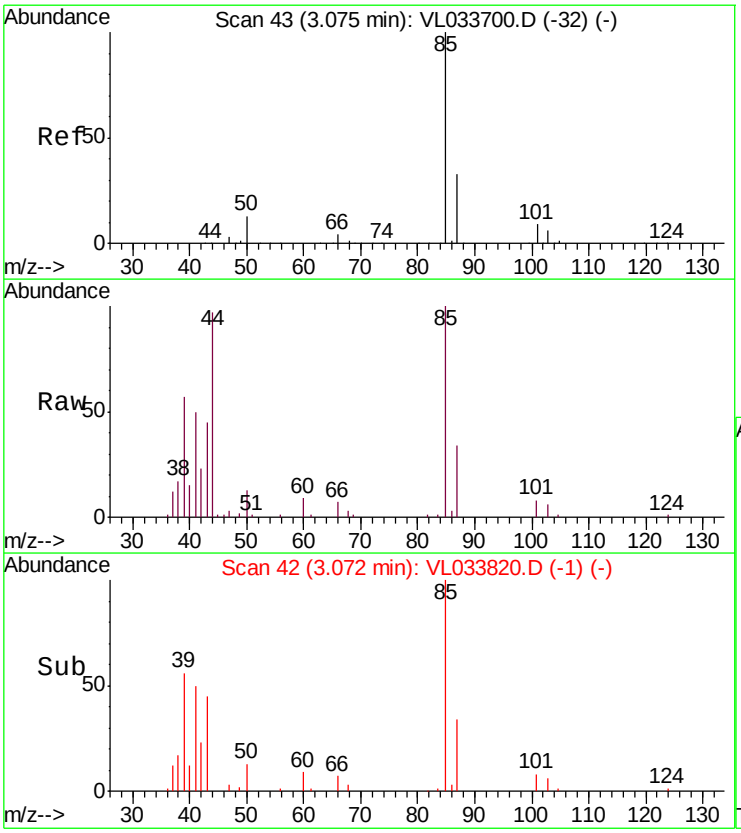
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 49 Resp: 868706

Ion	Ratio	Lower	Upper
49	100		
128	52.8	25.2	75.6
130	67.2	32.5	97.5

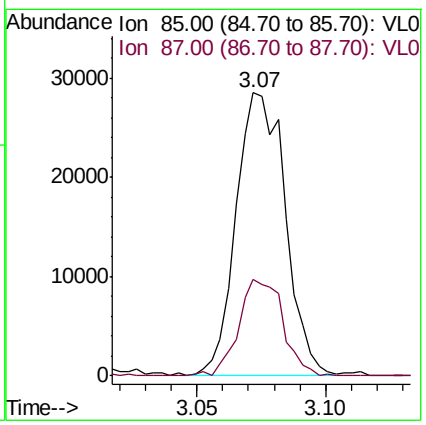


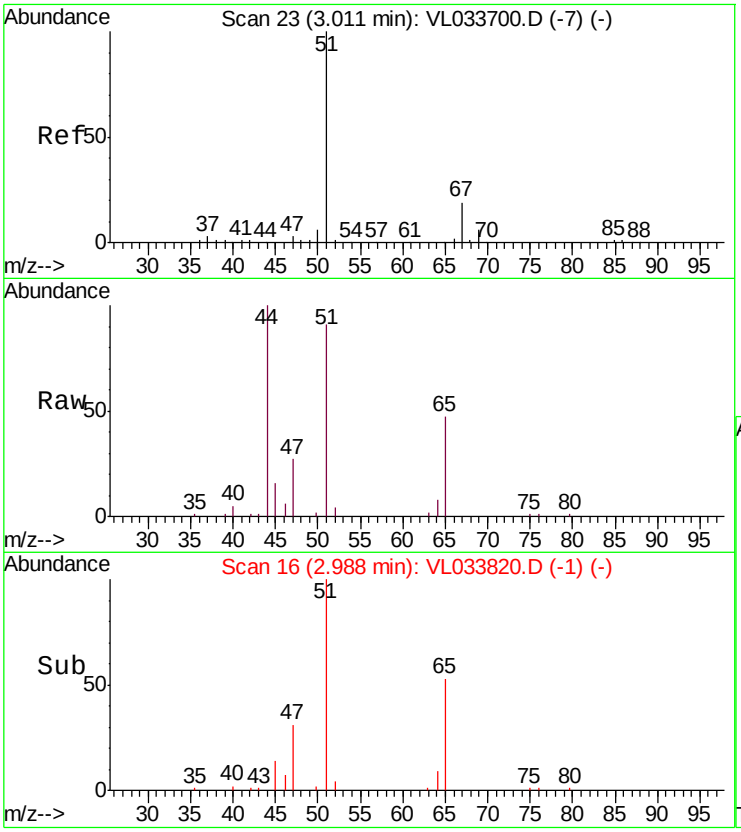


#2
Dichlorodifluoromethane
Concen: 0.207 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 85 Resp: 37889

Ion	Ratio	Lower	Upper
85	100		
87	34.2	26.3	39.5



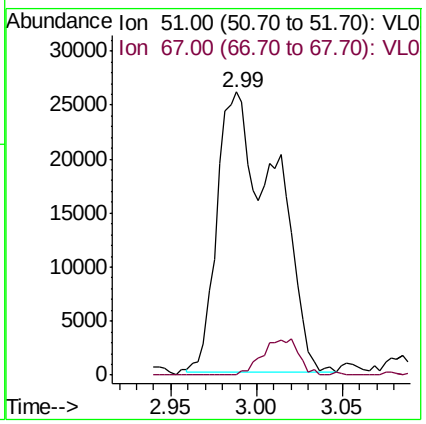


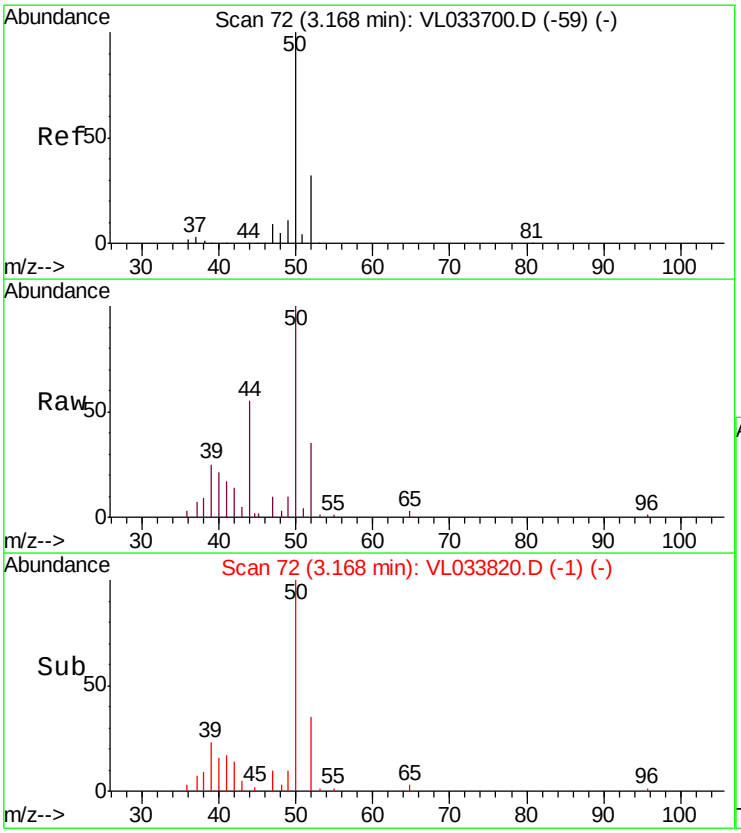
#3
Chlorodifluoromethane
Concen: 0.612 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.02 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 51 Resp: 60931

Ion	Ratio	Lower	Upper
51	100		
67	8.1	15.6	23.4#

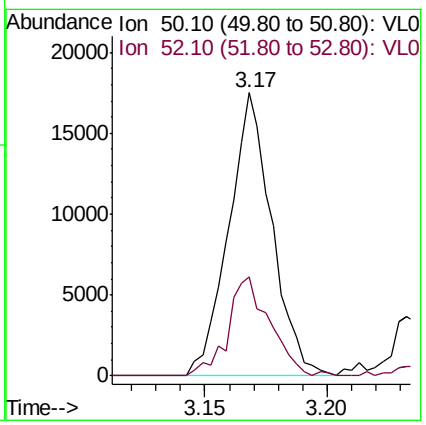


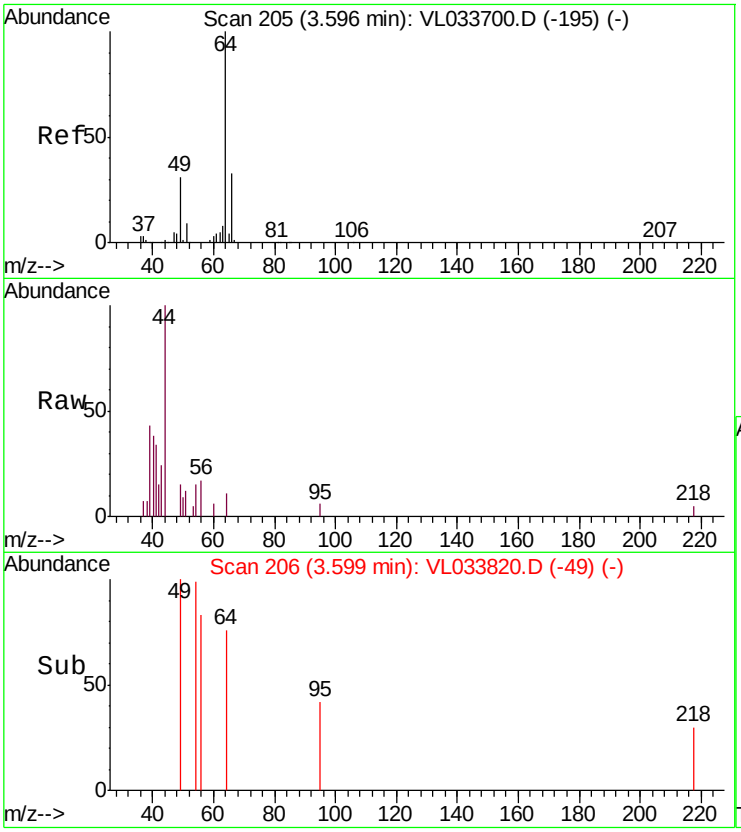


#4
Chloromethane
Concen: 0.377 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 50 Resp: 21475

Ion	Ratio	Lower	Upper
50	100		
52	34.9	25.7	38.5



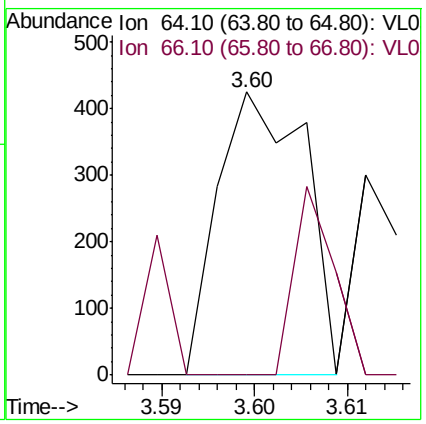


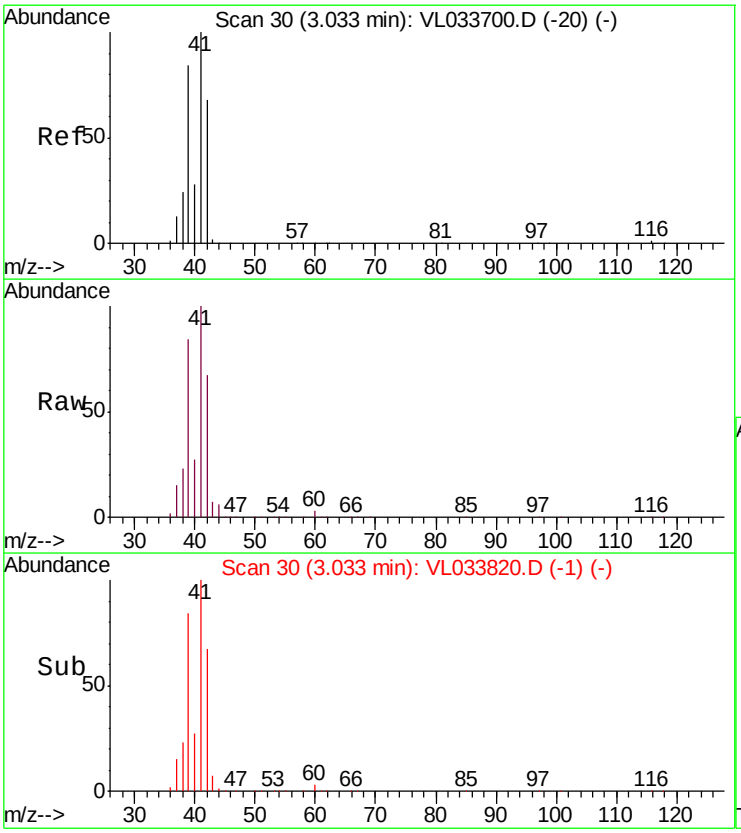
#7
Chloroethane
Concen: 0.013 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 64 Resp: 277

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

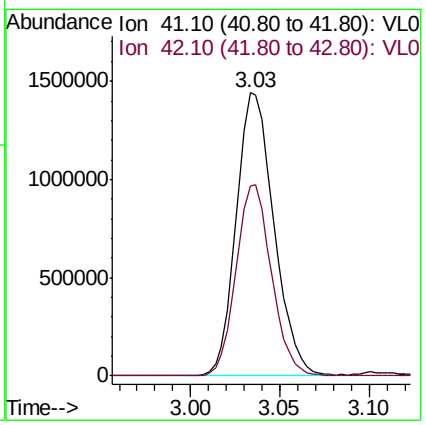


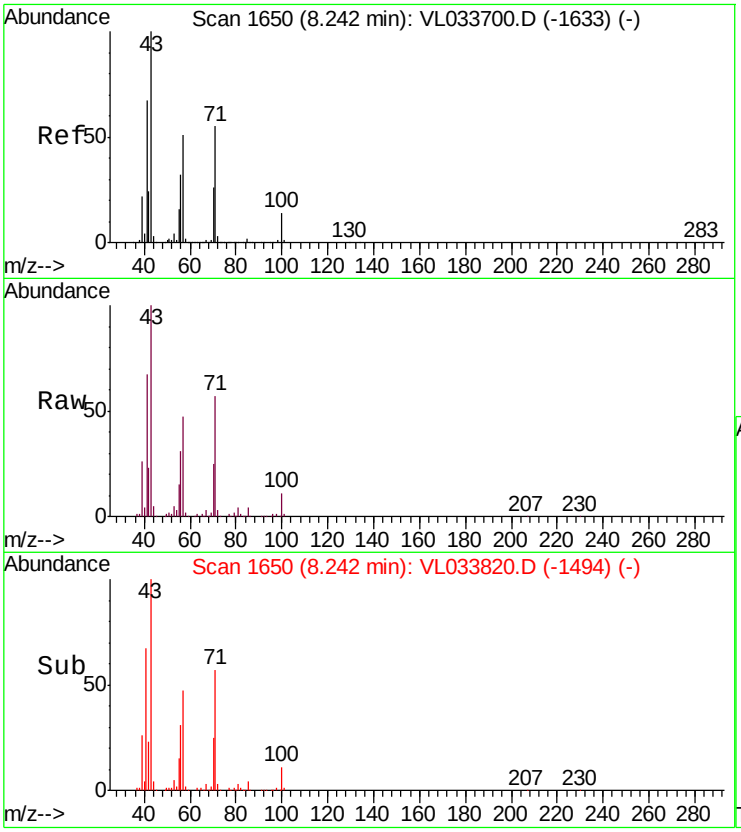


#9
Propene
Concen: 50.206 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 41 Resp: 2124931

Ion	Ratio	Lower	Upper
41	100		
42	63.7	56.1	84.1



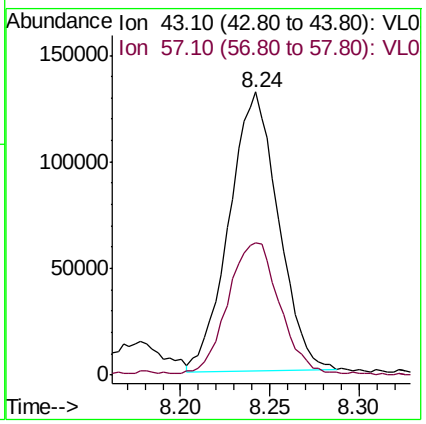


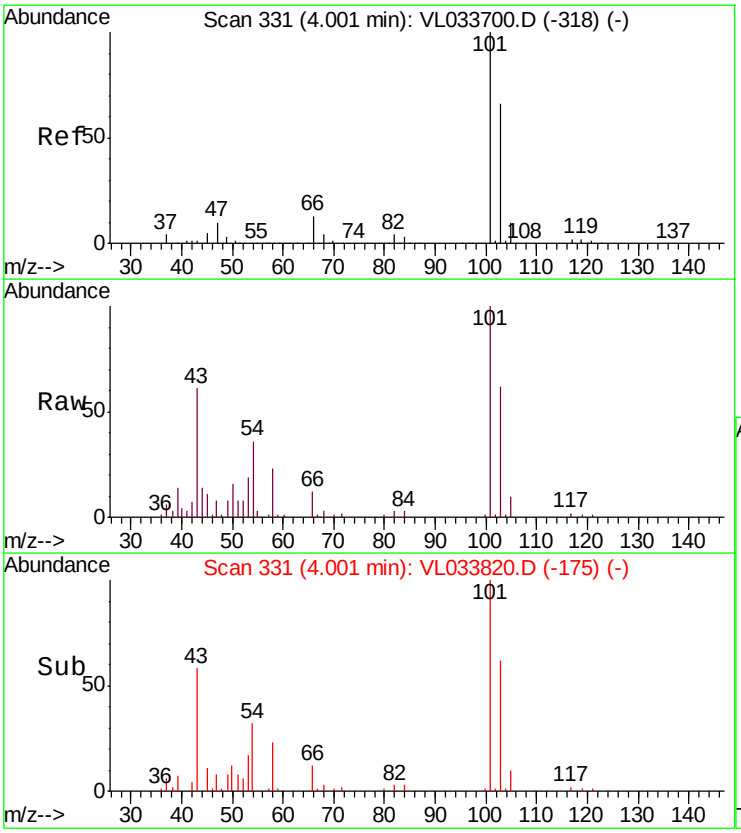
#10
Heptane
Concen: 2.105 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 43 Resp: 252272

Ion	Ratio	Lower	Upper
43	100		
57	50.9	41.4	62.0

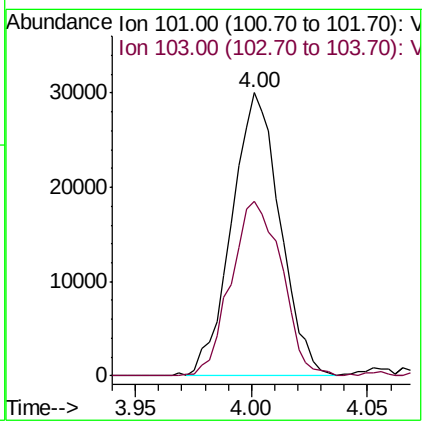


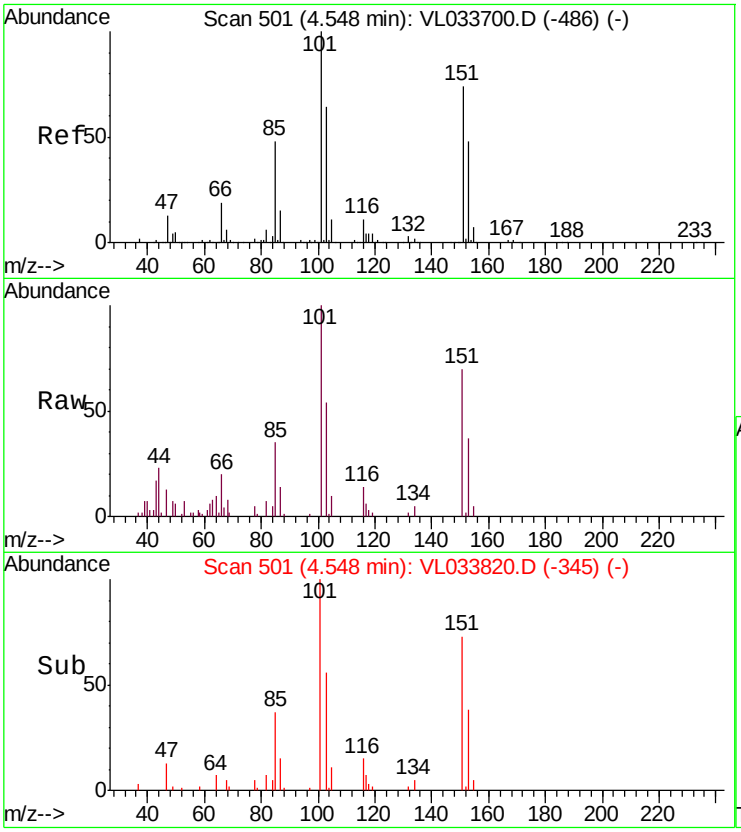


#11
Trichlorofluoromethane
Concen: 0.249 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:101 Resp: 43520

Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.6	78.8



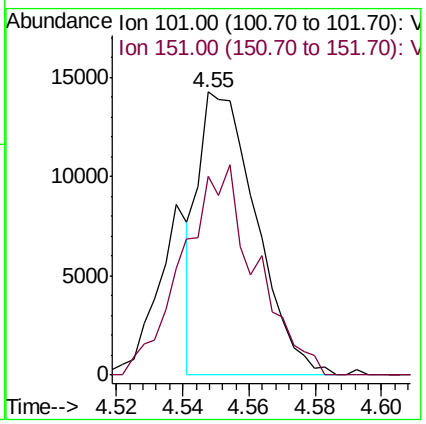


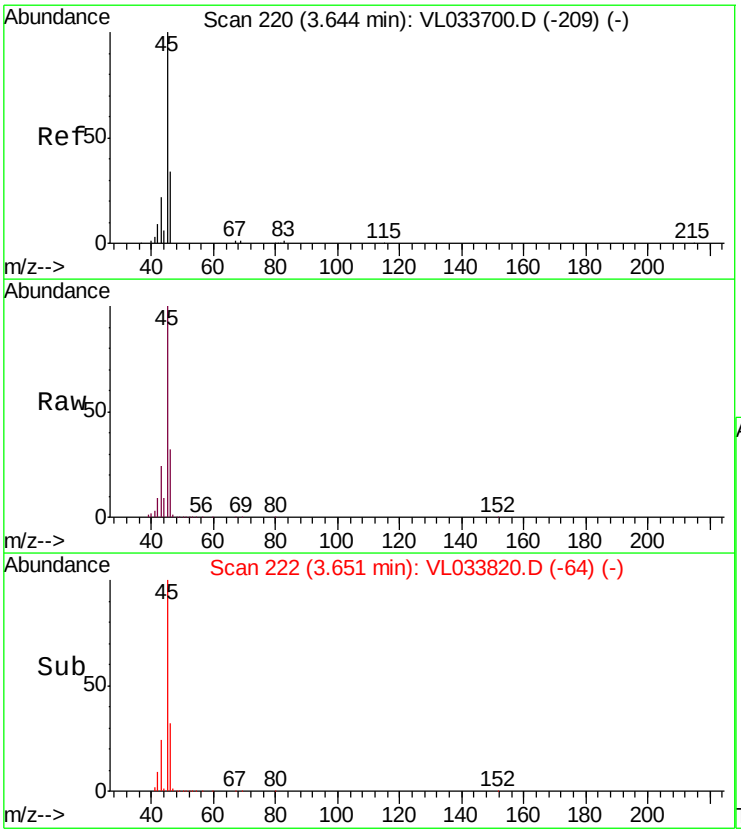
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.141 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:101 Resp: 17218

Ion	Ratio	Lower	Upper
101	100		
151	94.1	58.2	87.4#

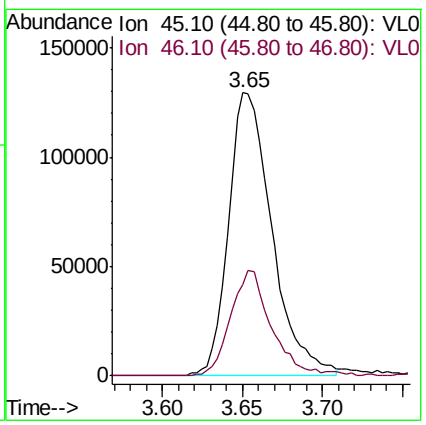


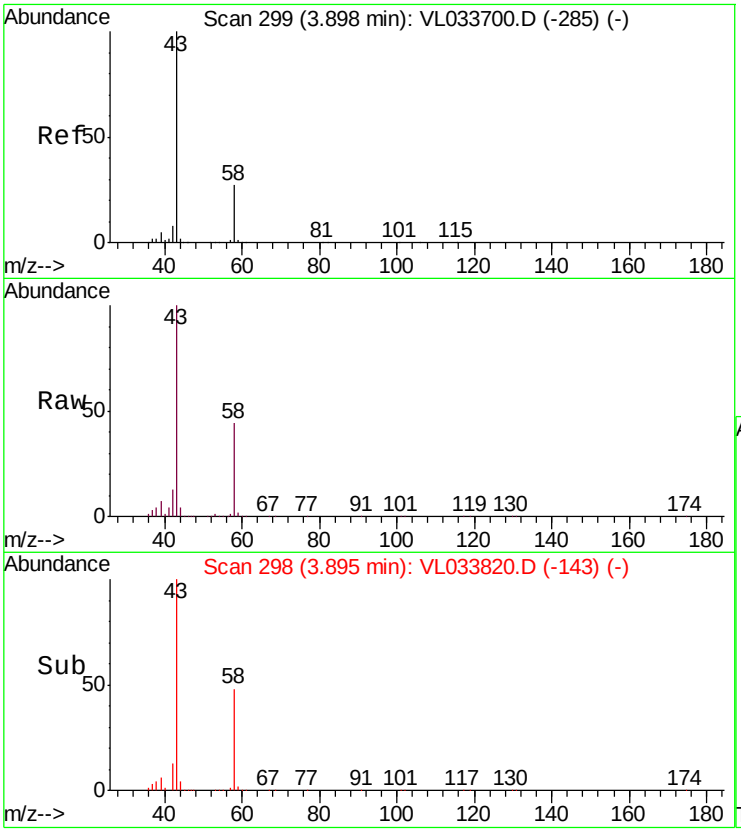


#13
Ethanol
Concen: 17.525 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 45 Resp: 239739

Ion	Ratio	Lower	Upper
45	100		
46	35.5	14.8	59.0



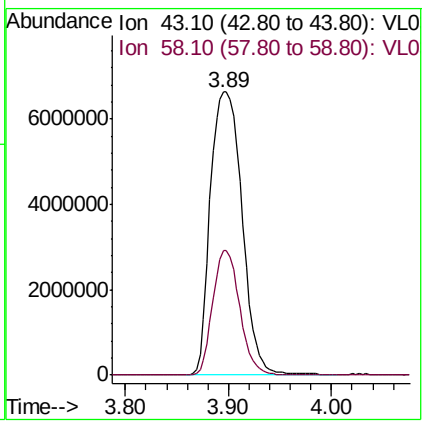


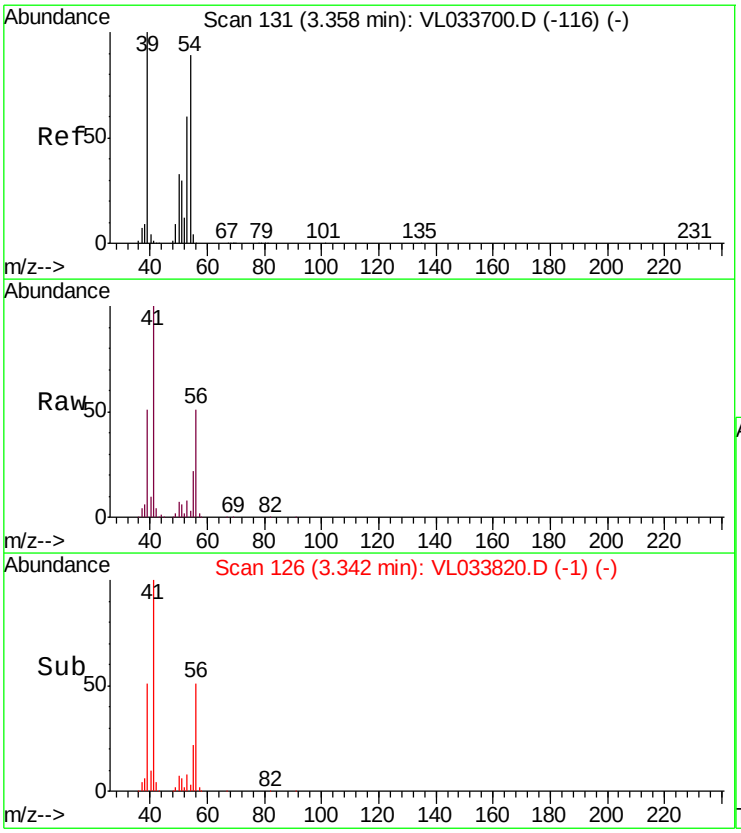
#15
Acetone
Concen: 117.799 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 43 Resp:14198071

Ion	Ratio	Lower	Upper
43	100		
58	37.6	21.3	31.9#

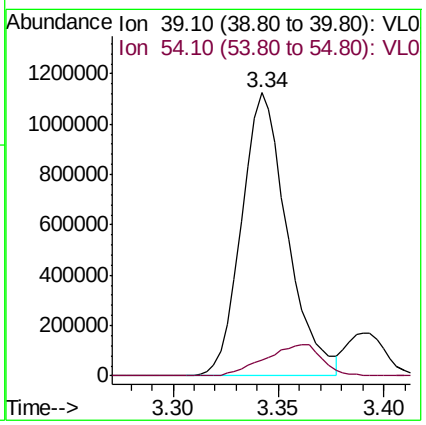


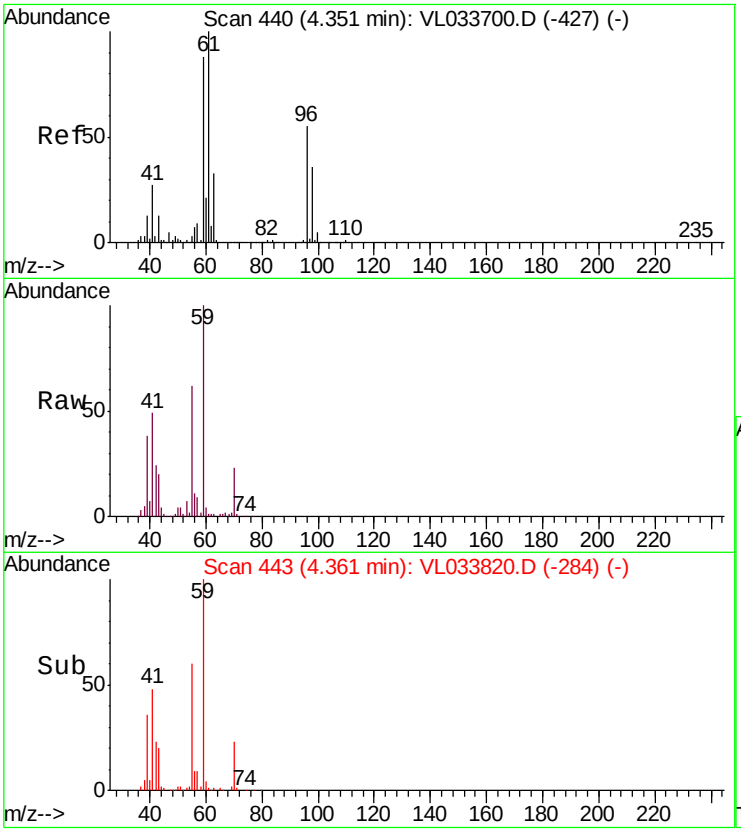


#16
1,3-Butadiene
Concen: 35.266 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 39 Resp: 1692642

Ion	Ratio	Lower	Upper
39	100		
54	14.1	69.0	103.6#



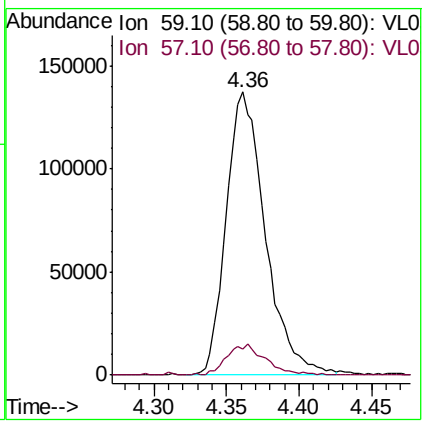


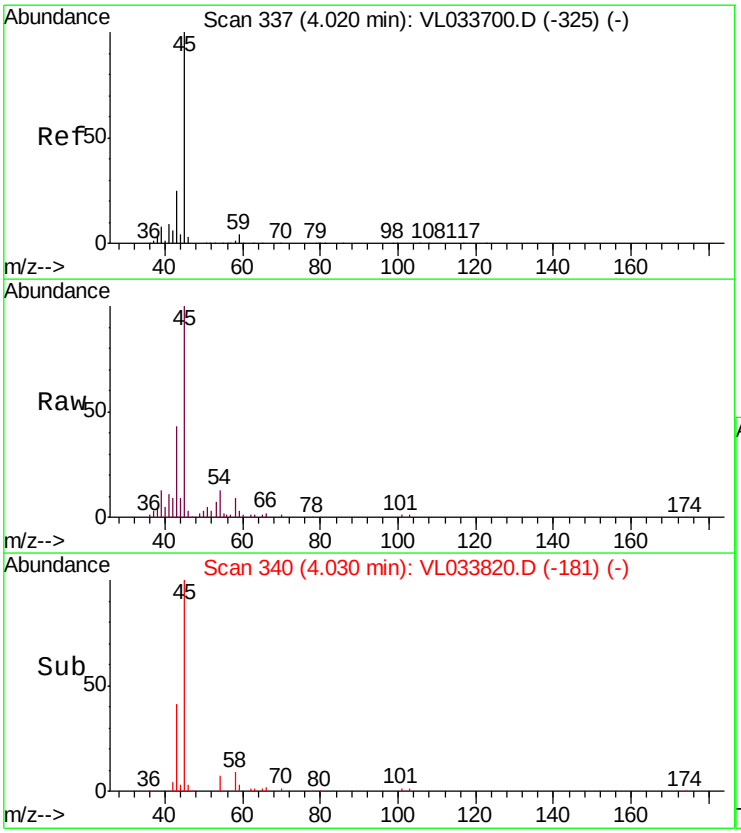
#17
tert-Butyl alcohol
Concen: 2.616 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 59 Resp: 254952

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6

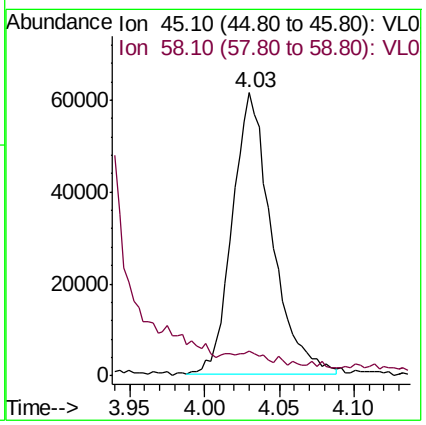


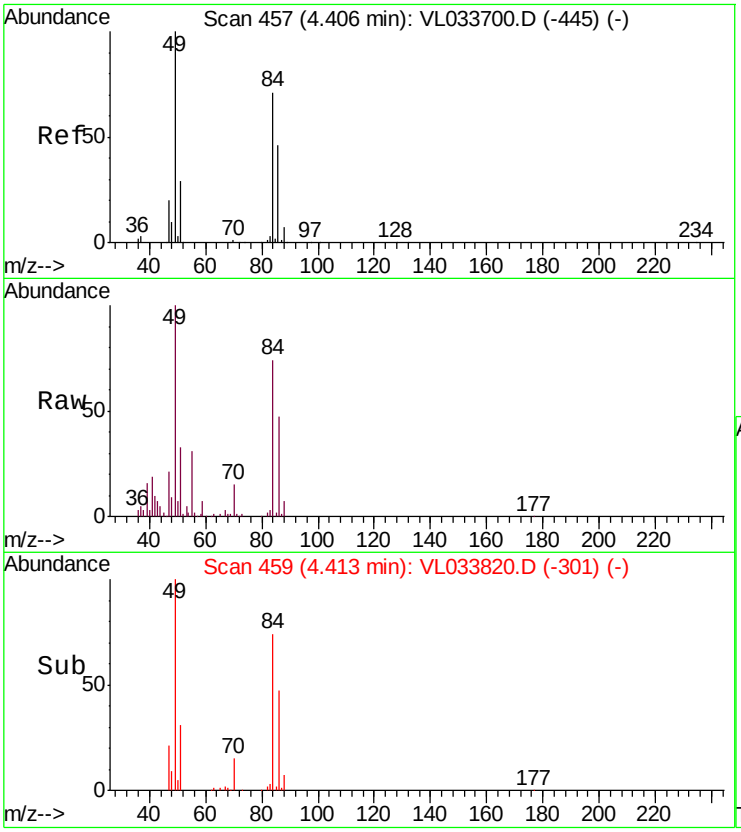


#19
Isopropyl Alcohol
Concen: 1.451 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 45 Resp: 112743

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



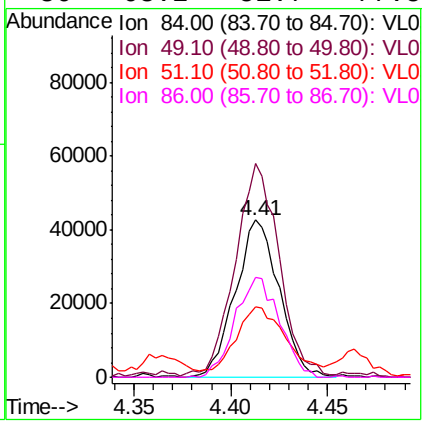


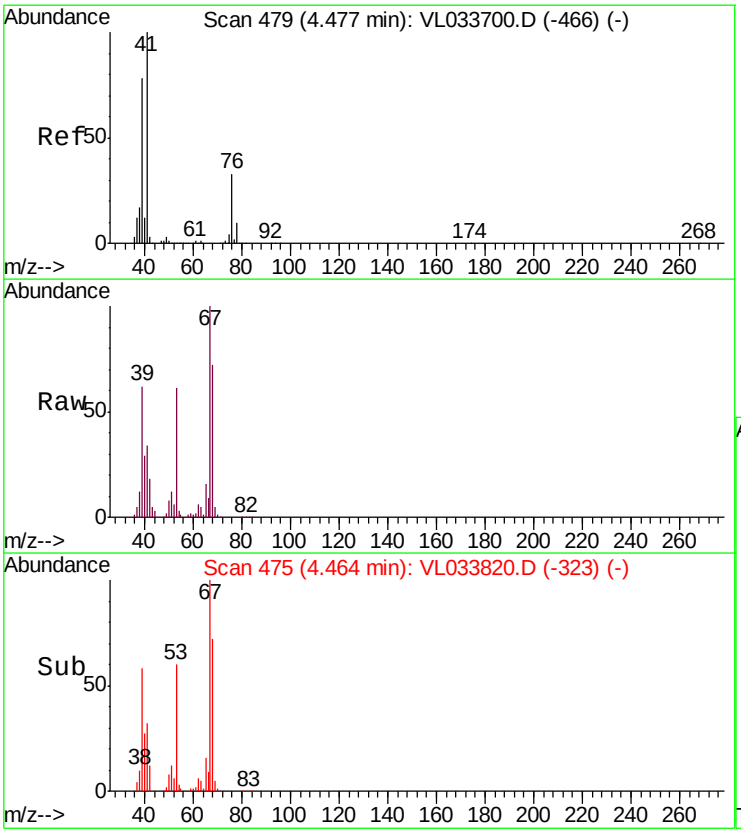
#20
Methylene Chloride
Concen: 1.457 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion: 84 Resp: 67599

Ion	Ratio	Lower	Upper
84	100		
49	134.2	112.8	169.2
51	37.6	33.4	50.0
86	63.2	51.7	77.5

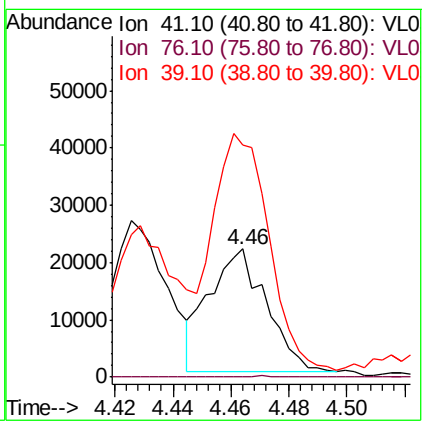


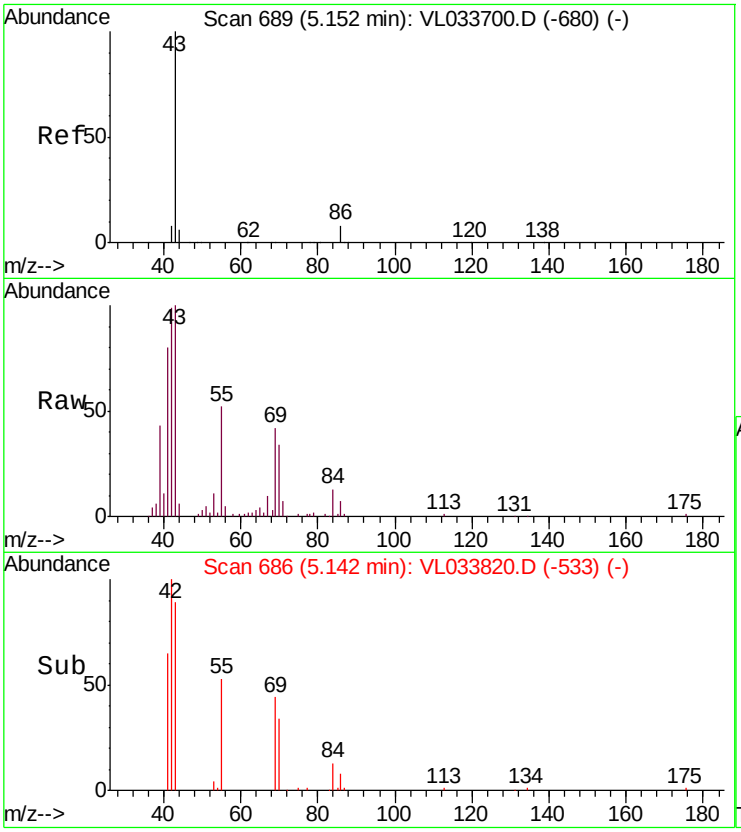


#21
Allyl Chloride
Concen: 0.389 ppbv
RT: 4.46 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 41 Resp: 29244

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	302.7	64.6	97.0#



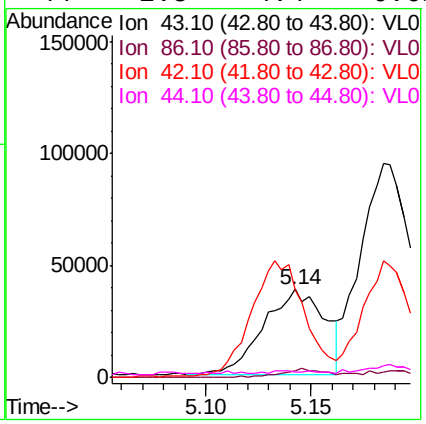


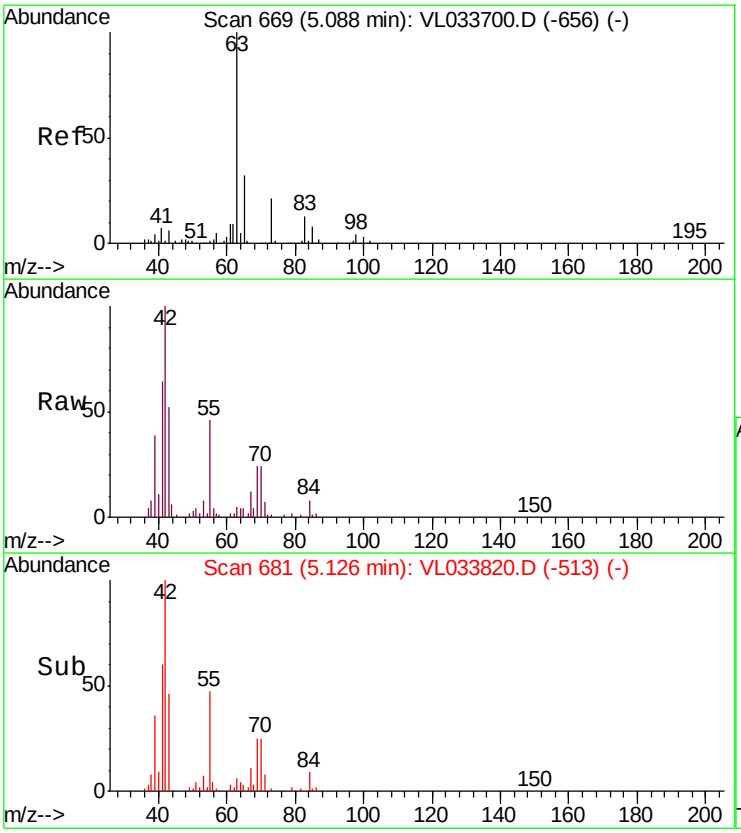
#23
Vinyl Acetate
Concen: 0.478 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion: 43 Resp: 76030

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.0	9.0
42	101.2	7.5	11.3#
44	2.5	4.4	6.6#

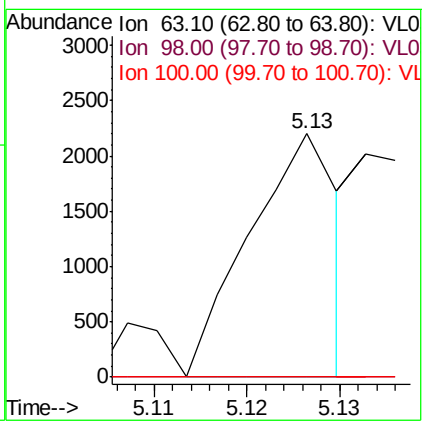


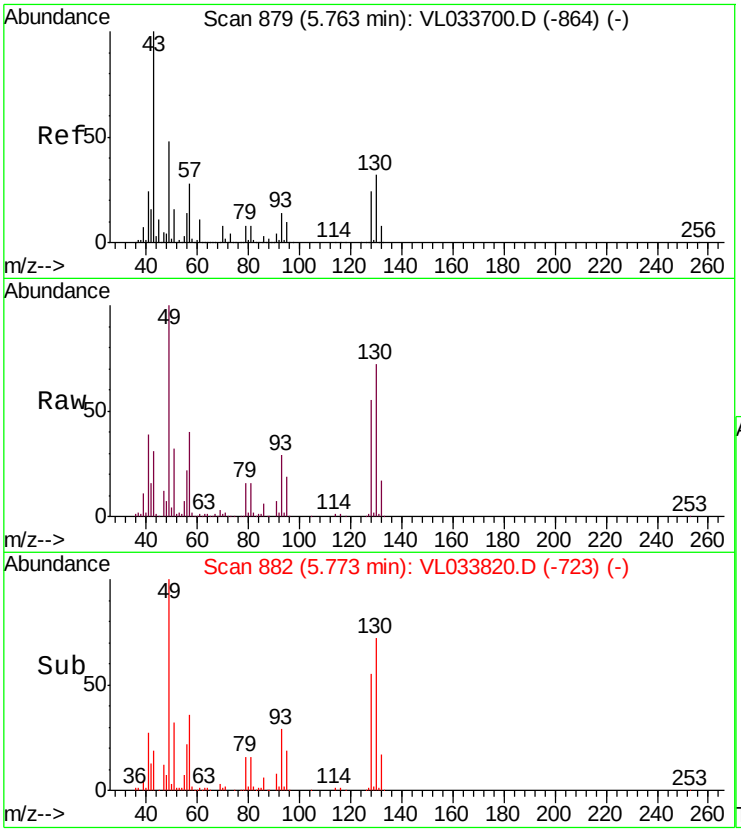


#24
1,1-Dichloroethane
Concen: 0.012 ppbv
RT: 5.13 min Scan# 681
Delta R.T. 0.04 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 63 Resp: 1465

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#



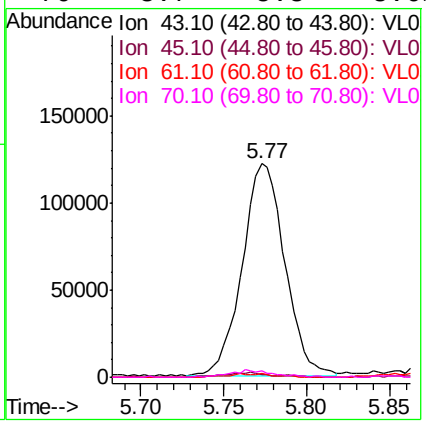


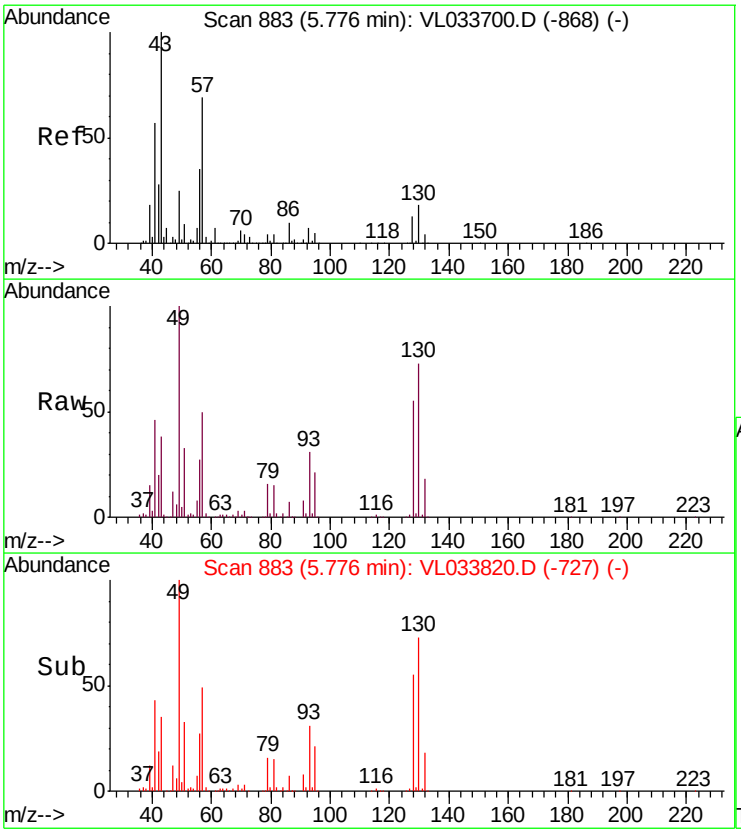
#25
Ethyl Acetate
Concen: 1.018 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 43 Resp: 215629

Ion	Ratio	Lower	Upper
43	100		
45	2.6	7.9	11.9#
61	1.7	7.7	11.5#
70	3.7	5.8	8.6#

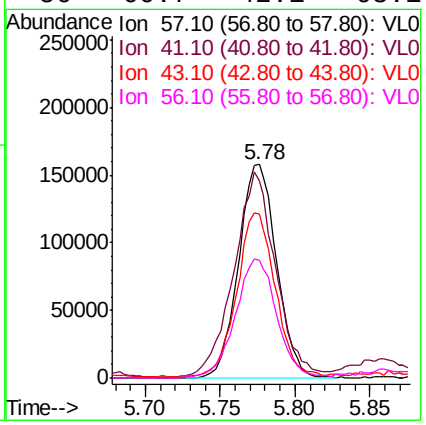


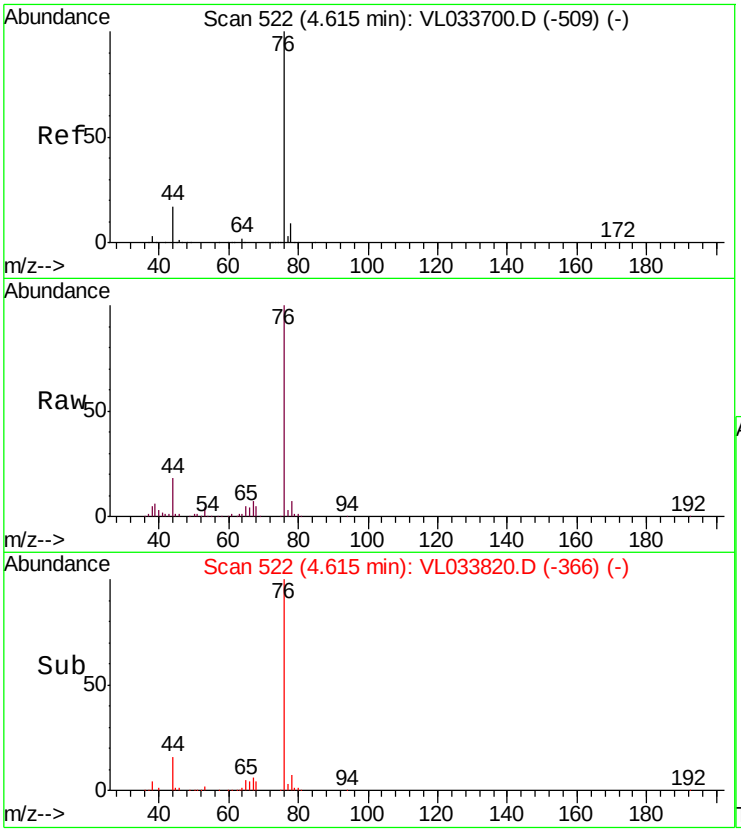


#26
Hexane
Concen: 3.056 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 57 Resp: 278197

Ion	Ratio	Lower	Upper
57	100		
41	107.0	69.8	104.6#
43	78.4	181.8	272.6#
56	60.7	42.1	63.1



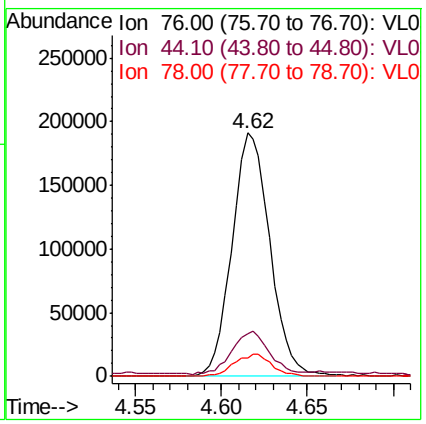


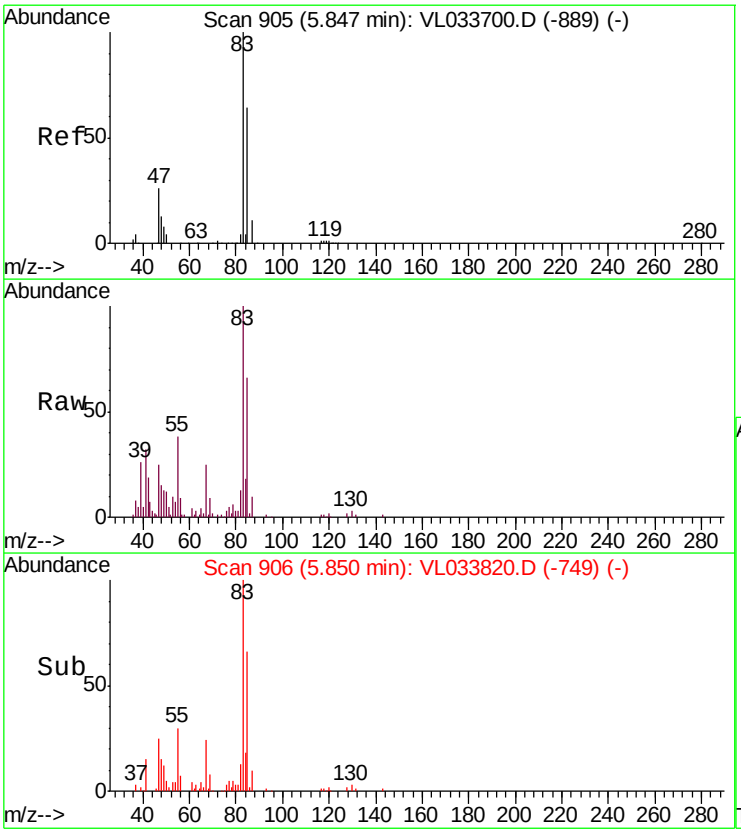
#27
Carbon Disulfide
Concen: 2.346 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 76 Resp: 292925

Ion	Ratio	Lower	Upper
76	100		
44	19.2	13.8	20.8
78	8.9	7.4	11.0

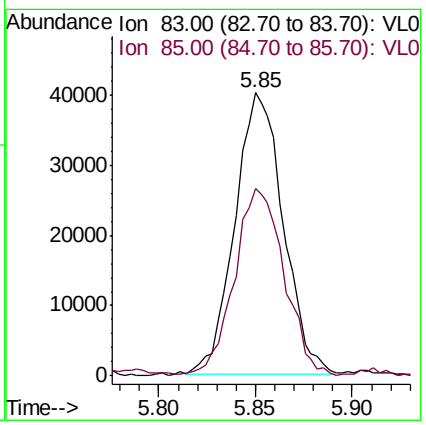


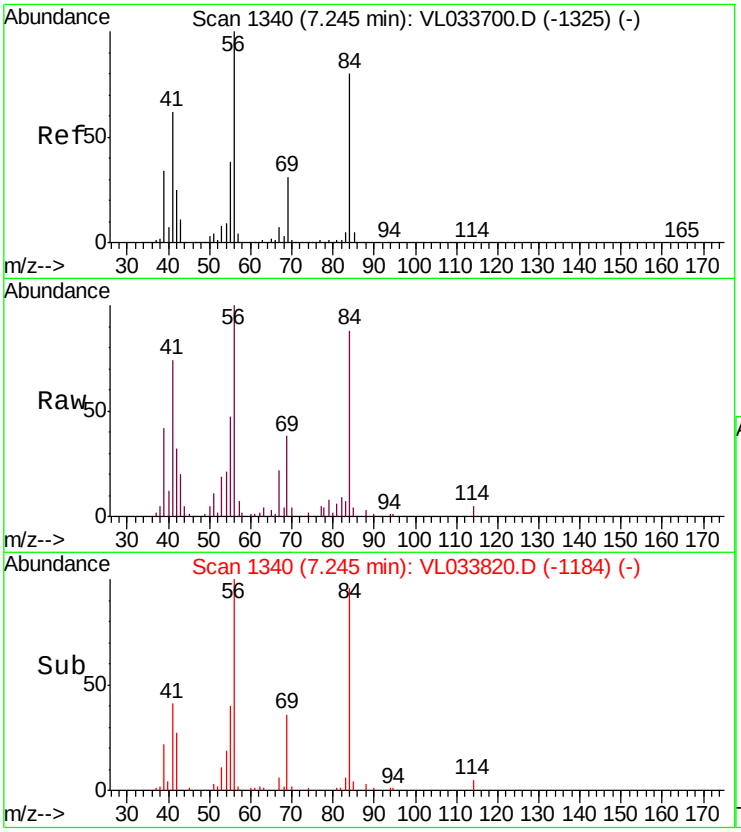


#29
Chloroform
Concen: 0.413 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 83 Resp: 69178

Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.5	77.3



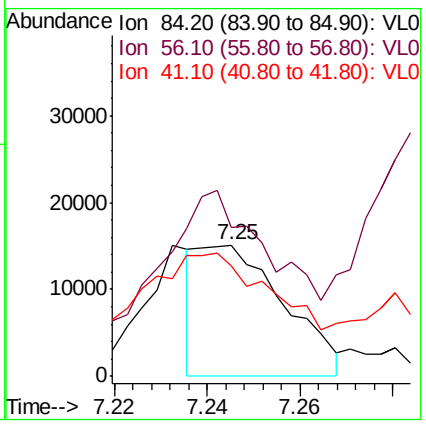


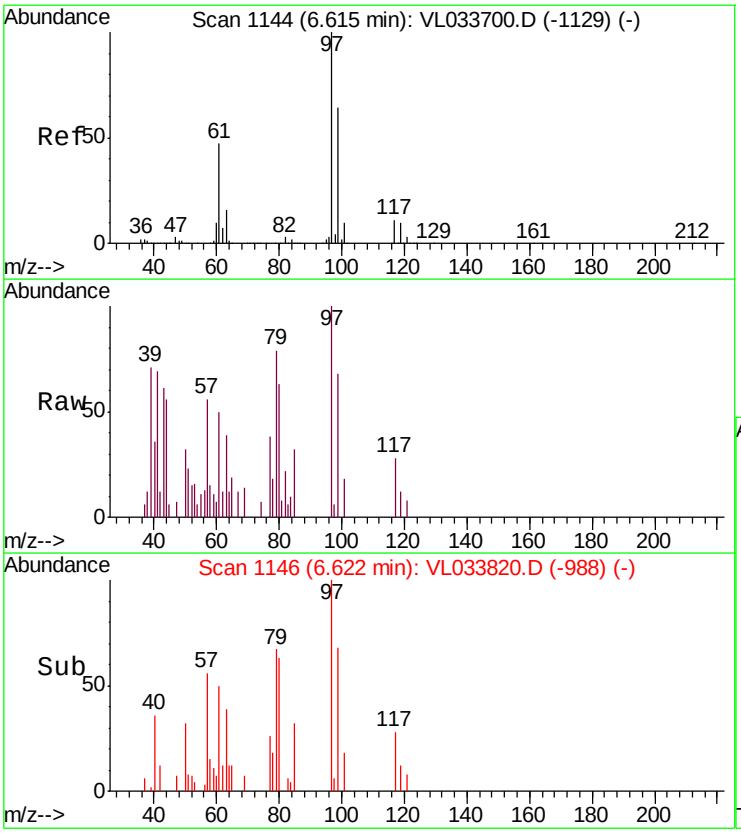
#30
Cyclohexane
Concen: 0.253 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 84 Resp: 19352

Ion	Ratio	Lower	Upper
84	100		
56	216.2	107.7	161.5#
41	229.3	66.0	99.0#

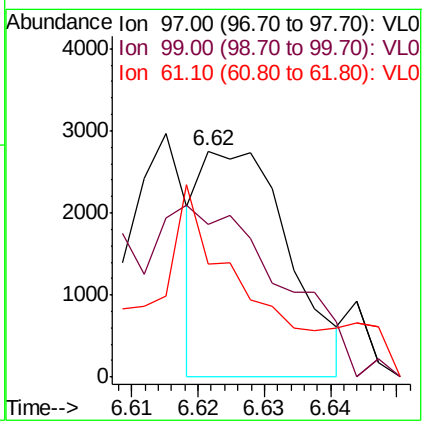


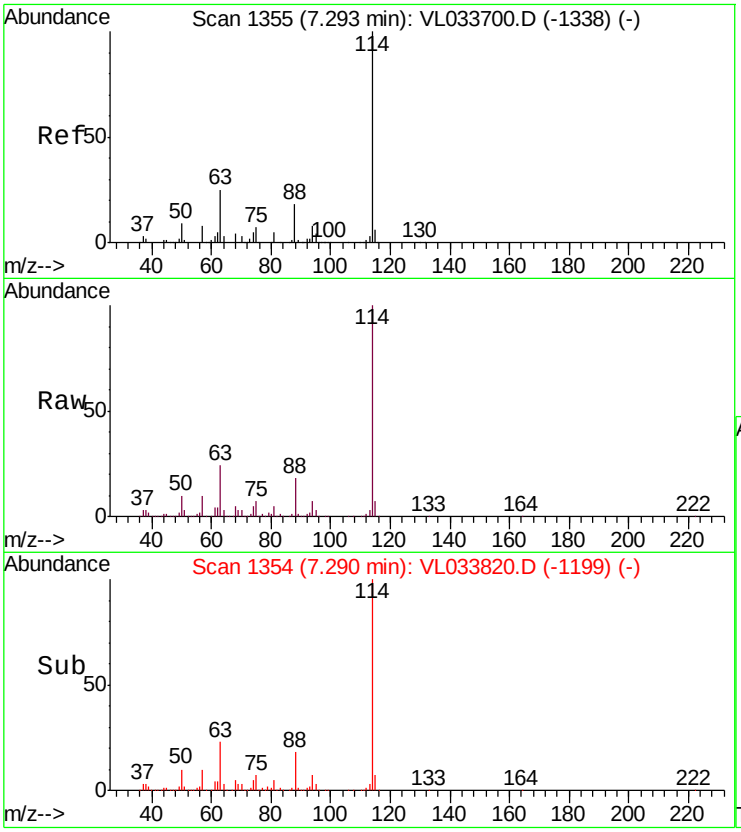


#32
1,1,1-Trichloroethane
Concen: 0.015 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 97 Resp: 2543

Ion	Ratio	Lower	Upper
97	100		
99	156.7	51.5	77.3#
61	165.4	37.8	56.8#



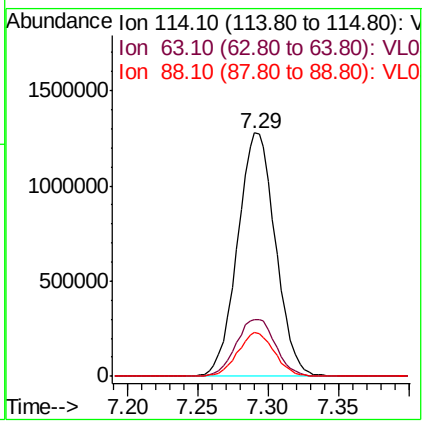


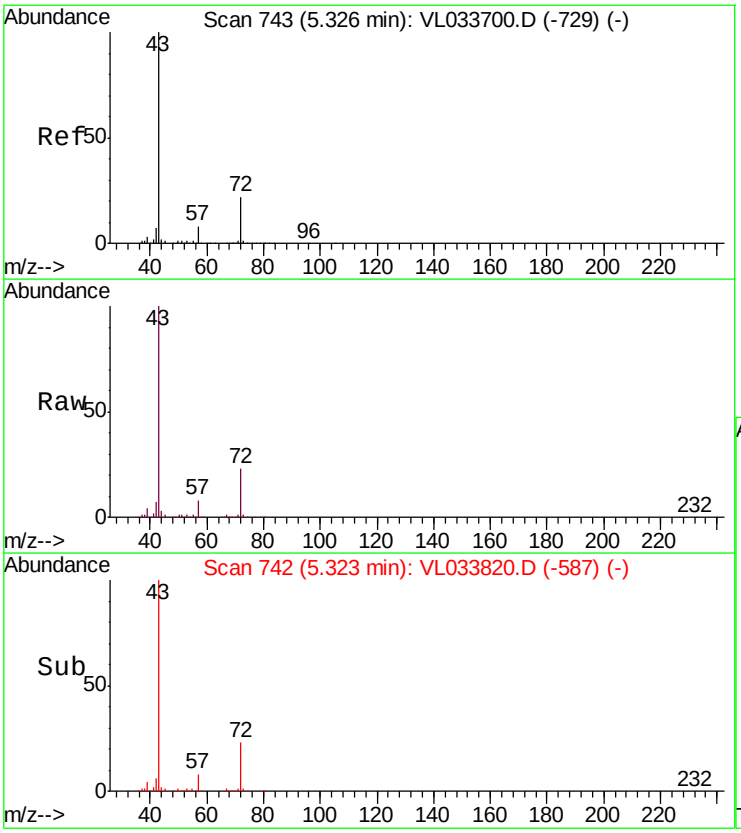
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:114 Resp: 2404899

Ion	Ratio	Lower	Upper
114	100		
63	24.4	20.9	31.3
88	17.5	14.3	21.5

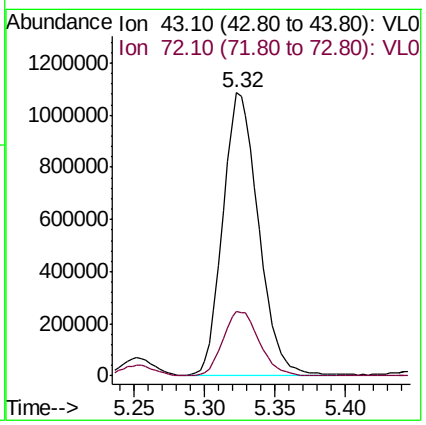


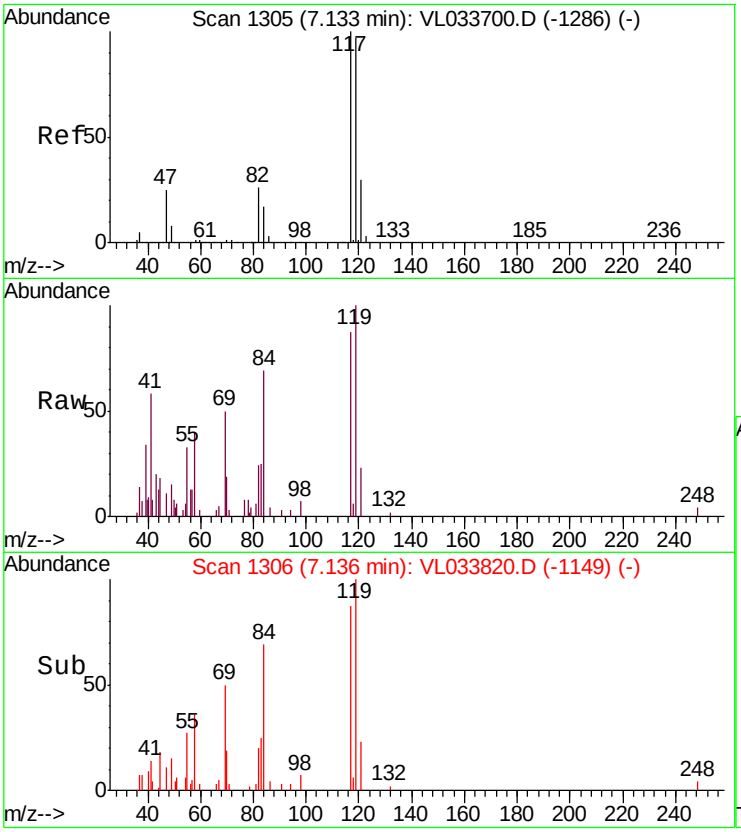


#34
2-Butanone
Concen: 12.779 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 43 Resp: 1904895

Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6



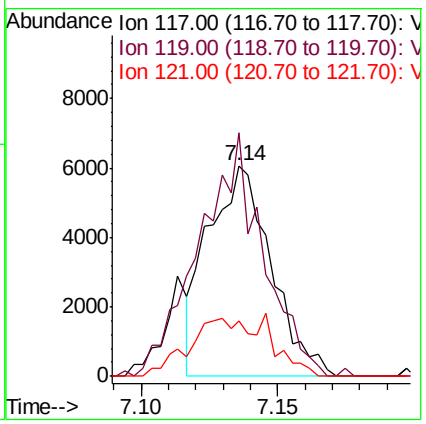


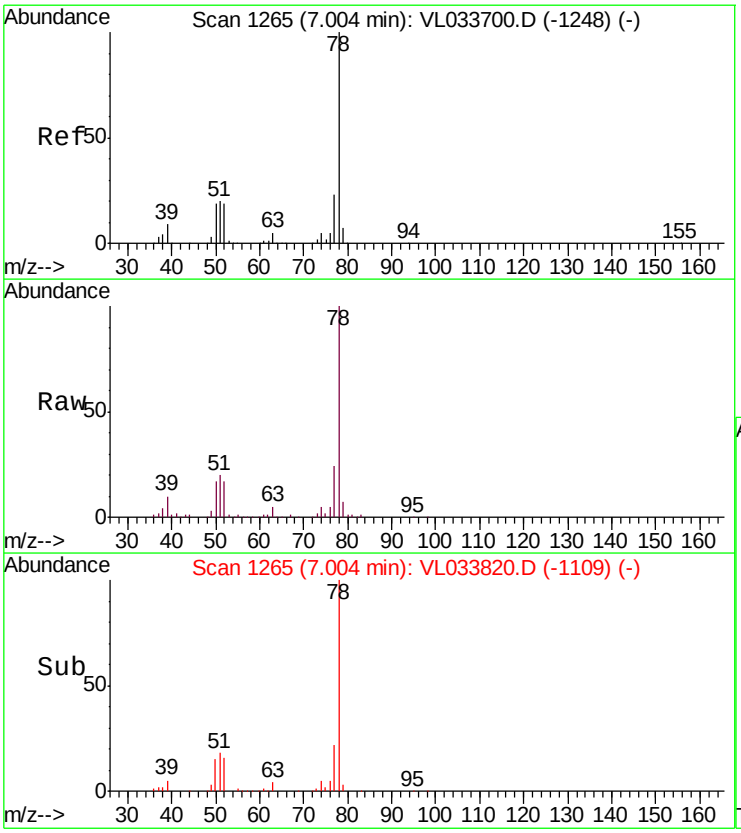
#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:117 Resp: 9697

Ion	Ratio	Lower	Upper
117	100		
119	115.5	77.2	115.8
121	26.5	24.1	36.1

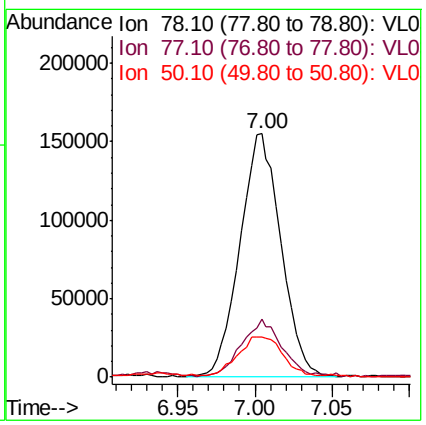


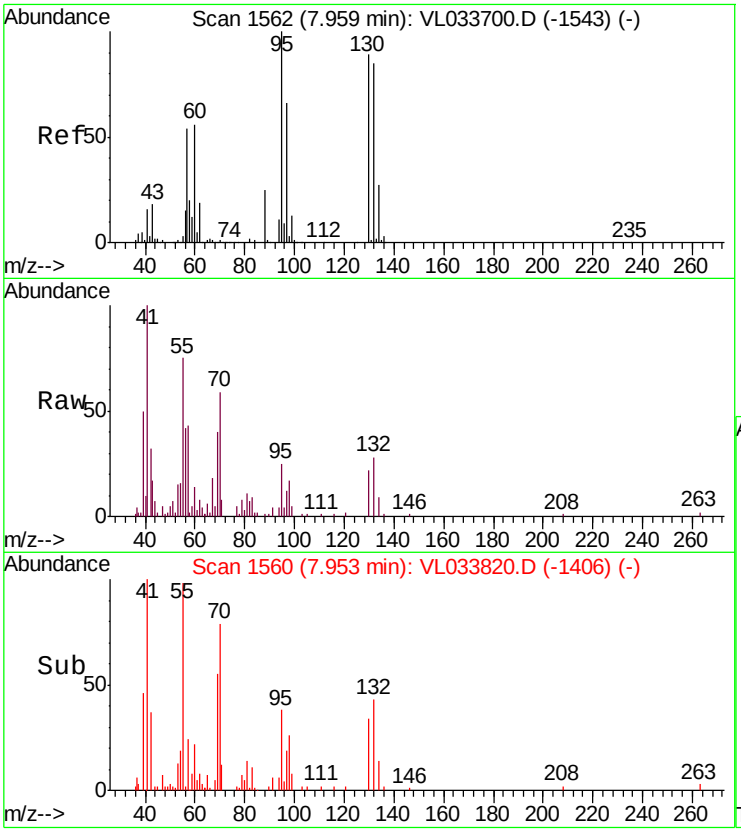


#36
Benzene
Concen: 1.304 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 78 Resp: 285237

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6
50	16.3	15.5	23.3



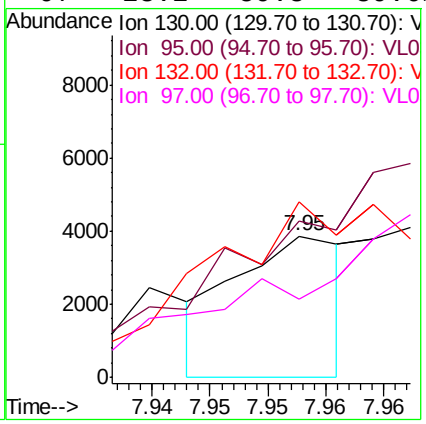


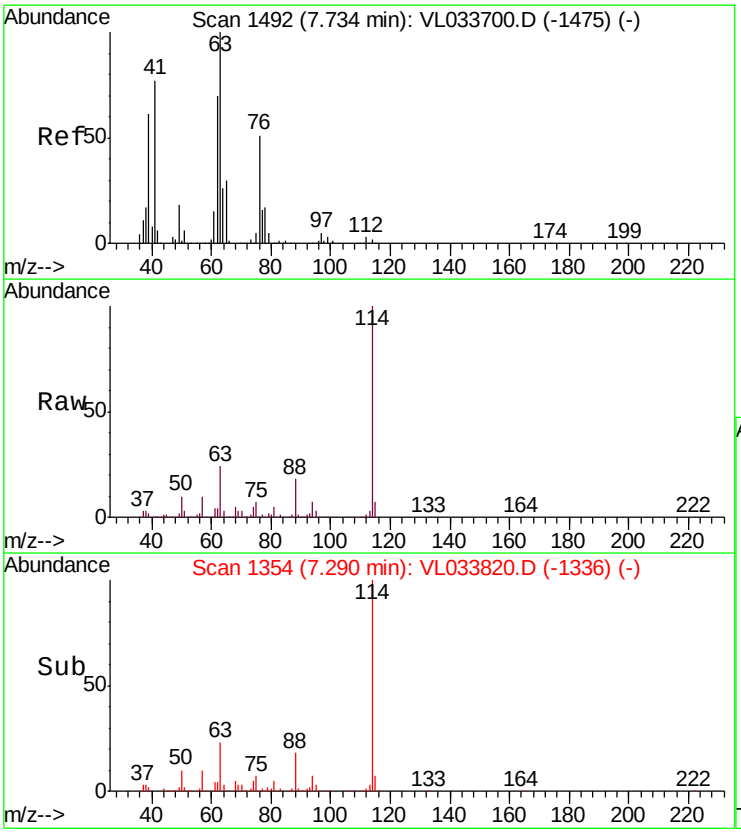
#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion:130 Resp: 2548

Ion	Ratio	Lower	Upper
130	100		
95	170.2	90.2	135.4#
132	110.9	76.4	114.6
97	23.2	59.8	89.6#

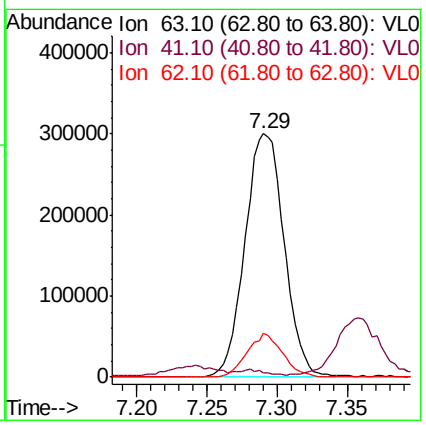


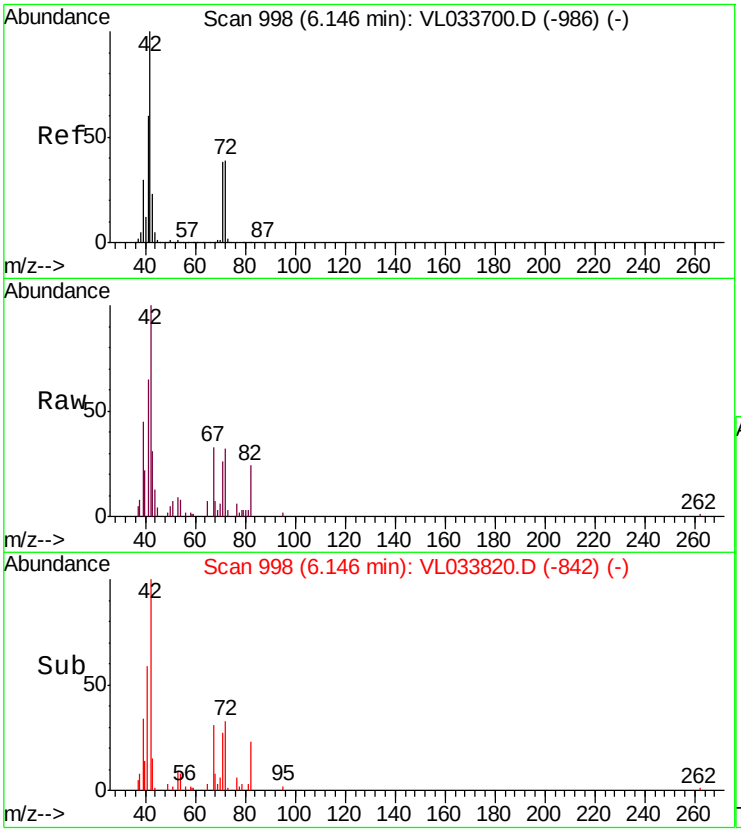


#39
1,2-Dichloropropane
Concen: 7.130 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.44 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 63 Resp: 581519

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.8	56.2	84.4#



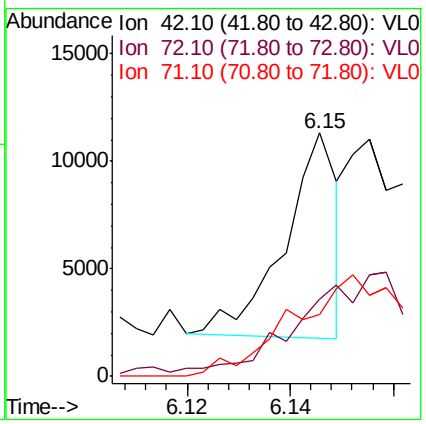


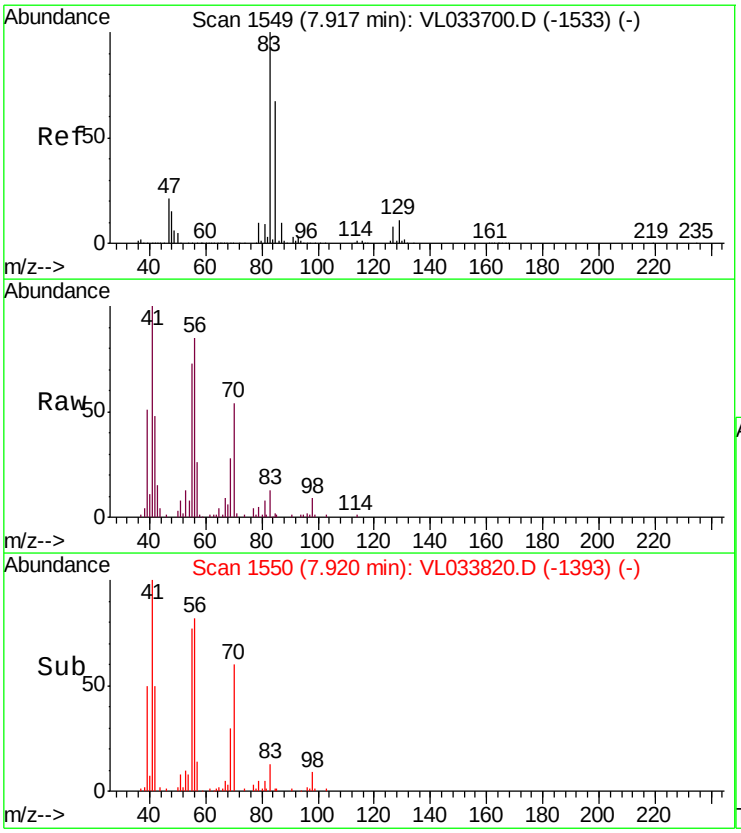
#41
Tetrahydrofuran
Concen: 0.081 ppbv
RT: 6.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion: 42 Resp: 6773

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#

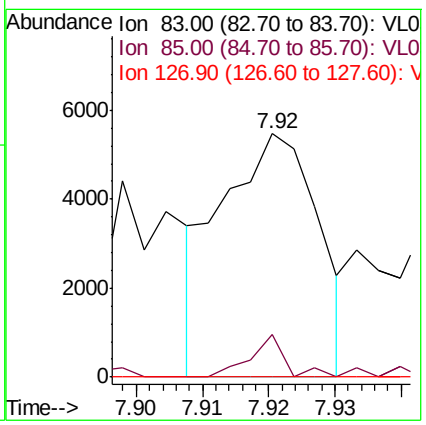


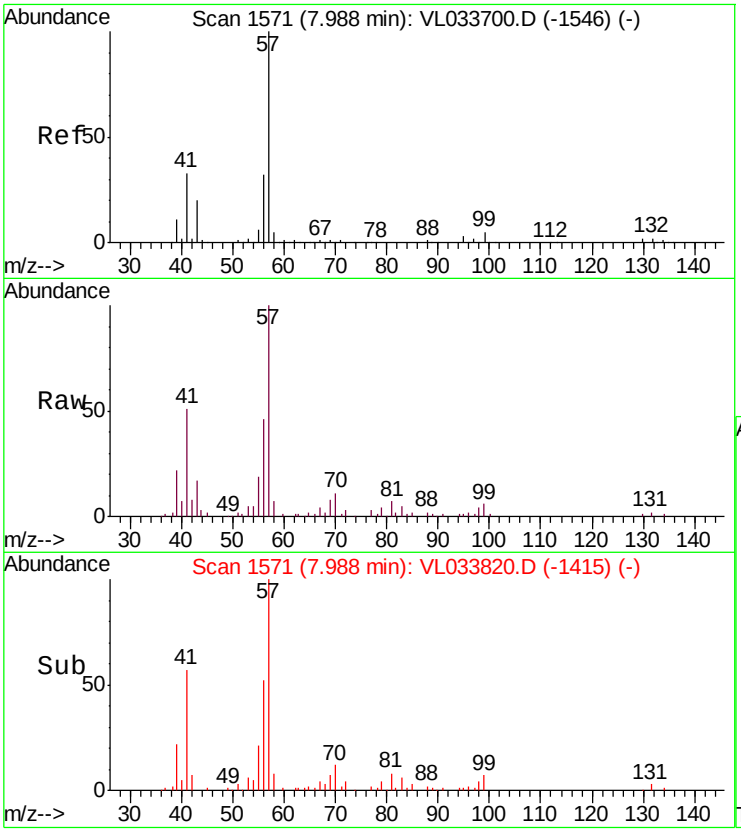


#42
Bromodichloromethane
Concen: 0.029 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 83 Resp: 5558

Ion	Ratio	Lower	Upper
83	100		
85	30.4	53.3	79.9#
127	0.0	6.5	9.7#



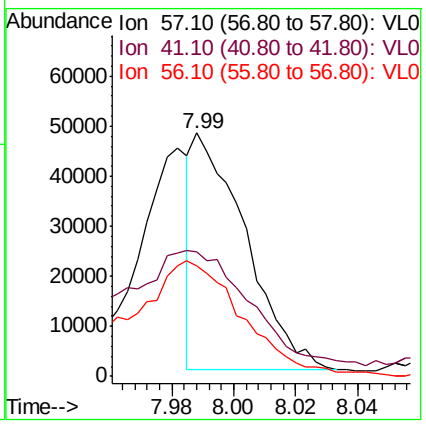


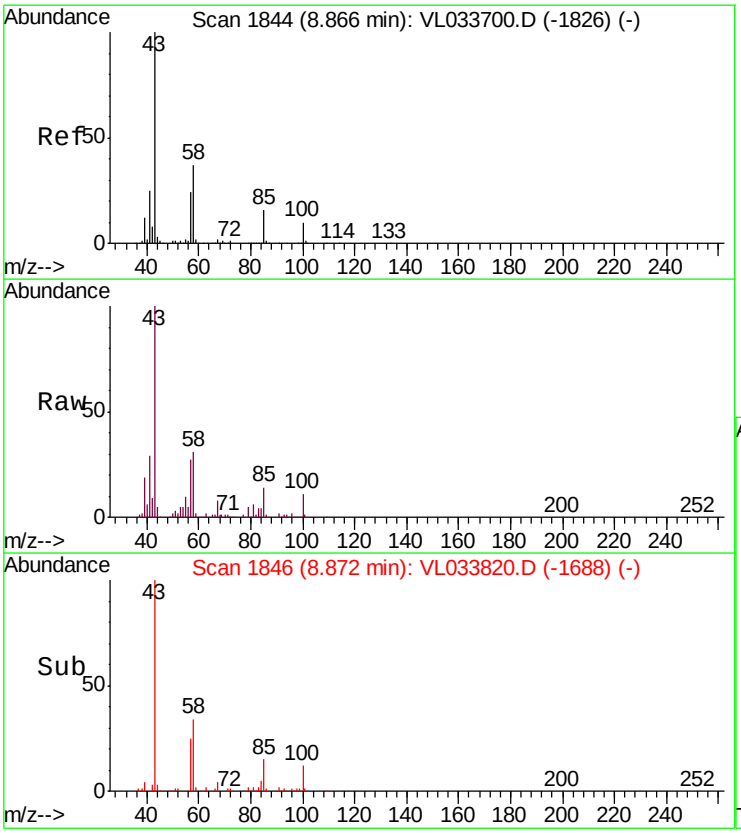
#44
2,2,4-Trimethylpentane
Concen: 0.151 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 57 Resp: 55794

Ion	Ratio	Lower	Upper
57	100		
41	118.1	25.4	38.0#
56	95.5	24.7	37.1#

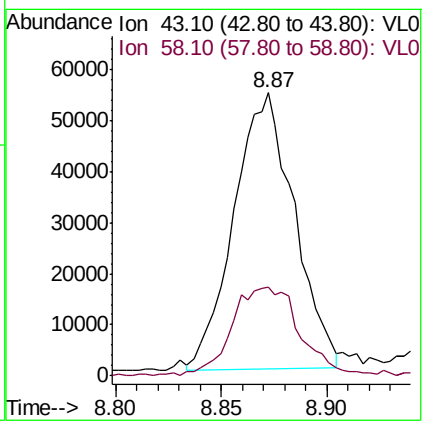


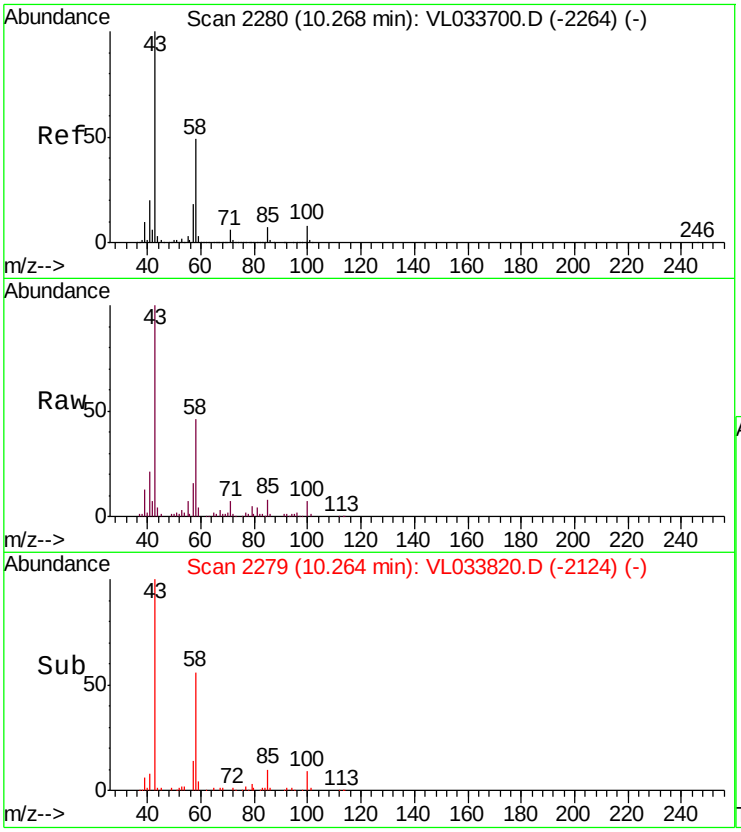


#50
4-Methyl-2-Pentanone
Concen: 0.470 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 43 Resp: 107684

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.6	43.0



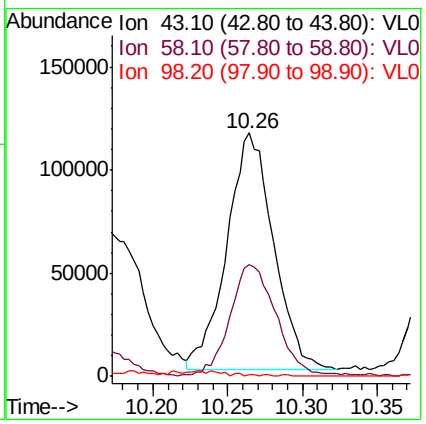


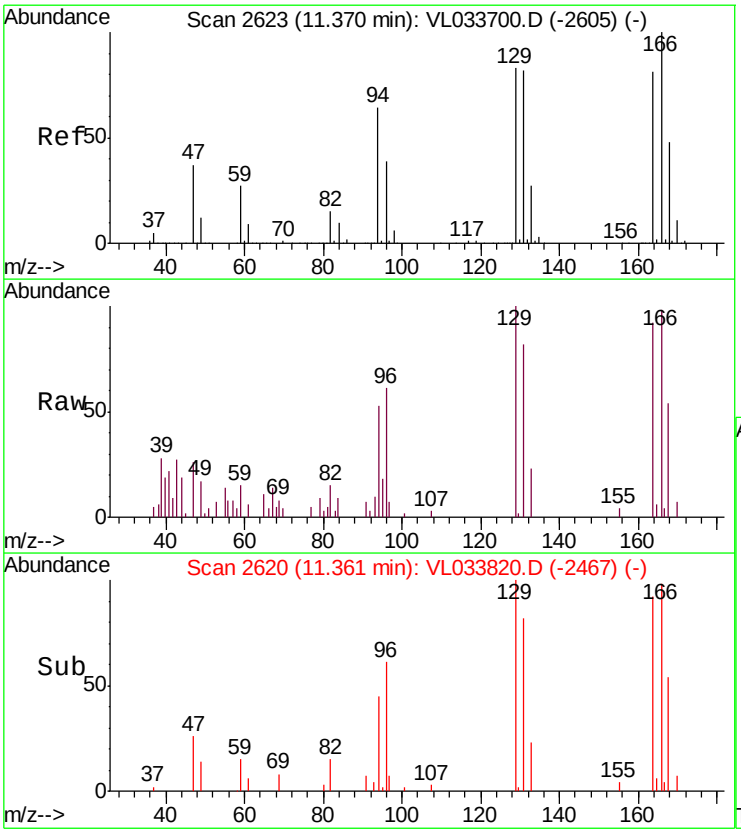
#51
2-Hexanone
Concen: 1.394 ppbv
RT: 10.26 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion: 43 Resp: 249454

Ion	Ratio	Lower	Upper
43	100		
58	47.1	38.7	58.1
98	2.6	0.2	0.4#

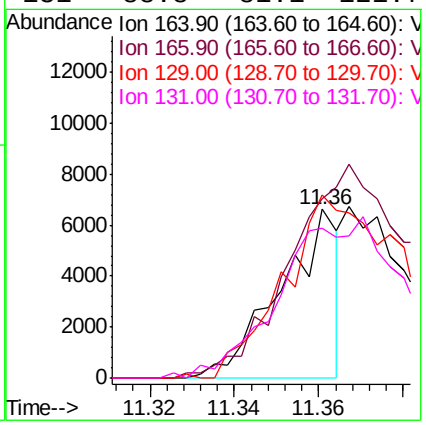


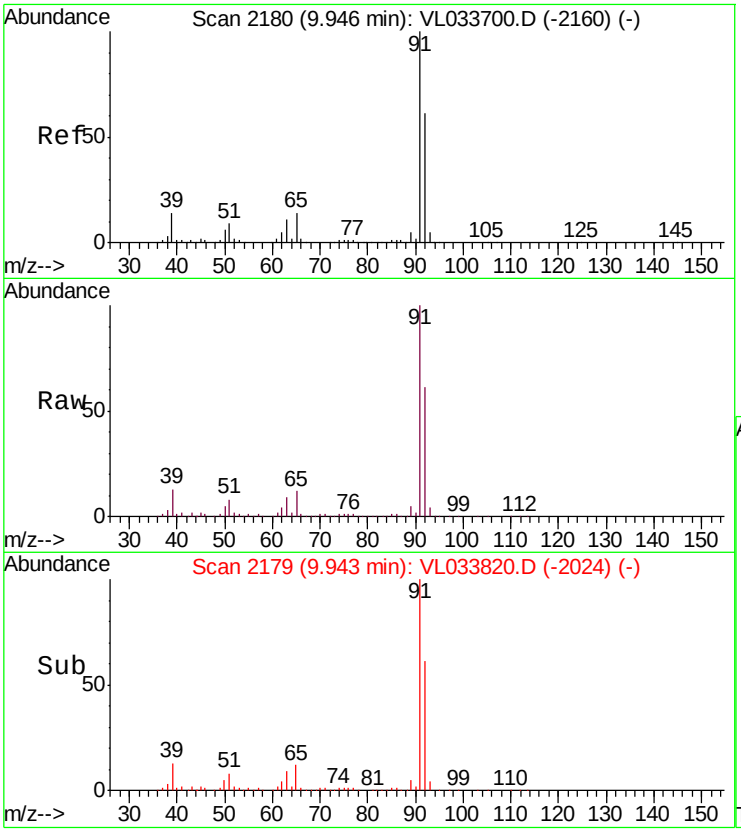


#52
Tetrachloroethene
Concen: 0.082 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:164 Resp: 6287

Ion	Ratio	Lower	Upper
164	100		
166	103.5	98.9	148.3
129	108.6	81.8	122.6
131	88.8	81.1	121.7



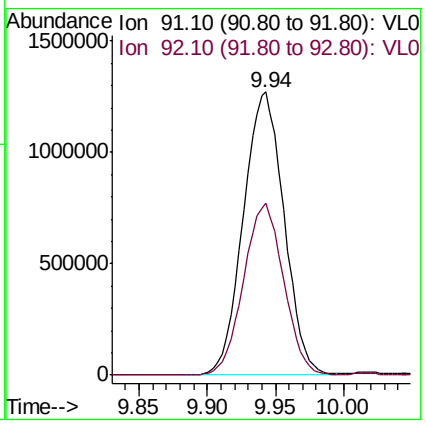


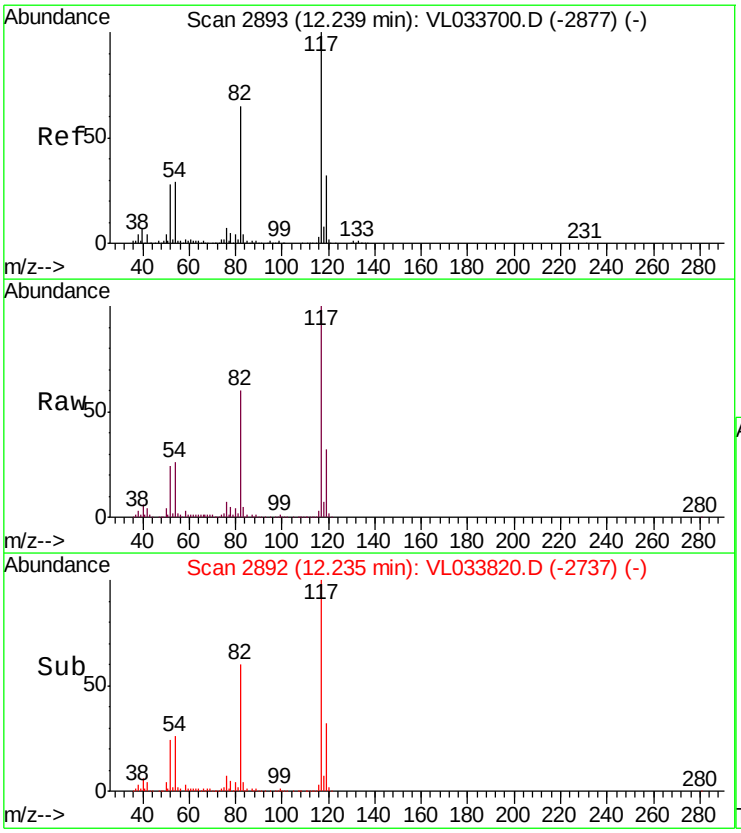
#53
Toluene
Concen: 11.146 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 91 Resp: 2630047

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.6	71.4

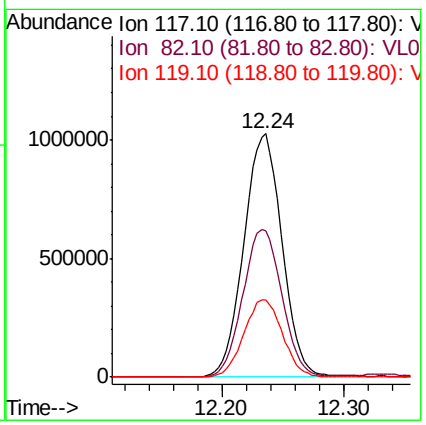


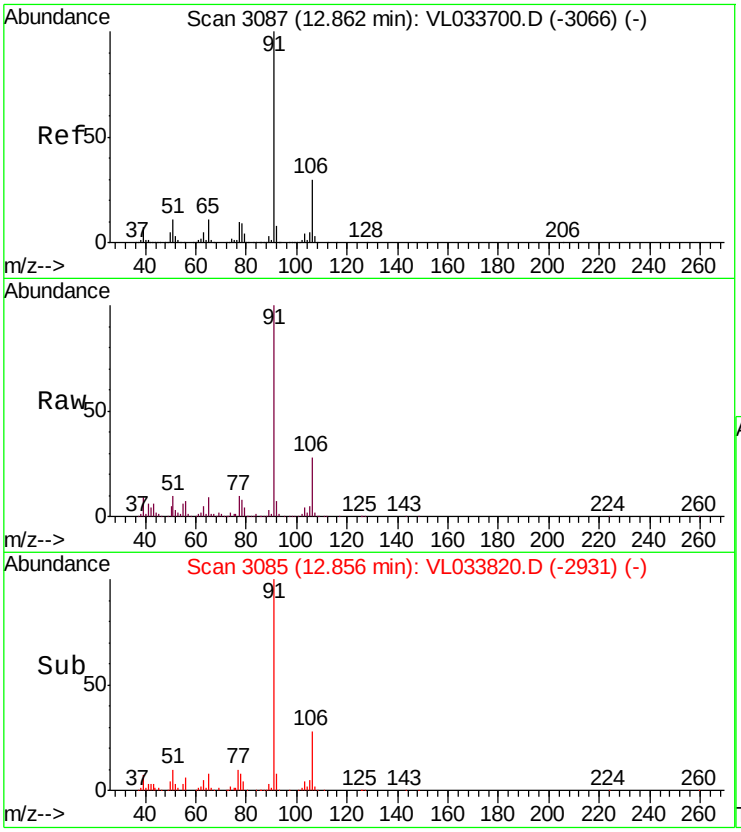


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:117 Resp: 2218279

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.4	74.0
119	32.4	24.9	37.3



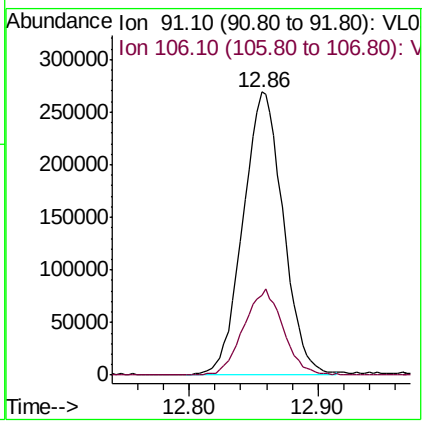


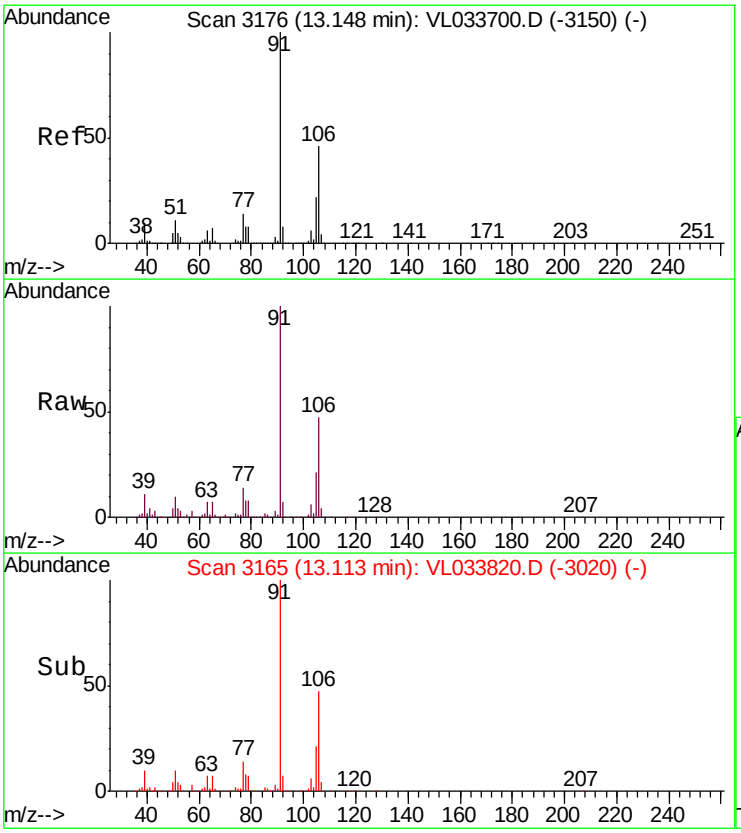
#58
Ethyl Benzene
Concen: 1.983 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion: 91 Resp: 582627

Ion	Ratio	Lower	Upper
91	100		
106	28.4	23.9	35.9

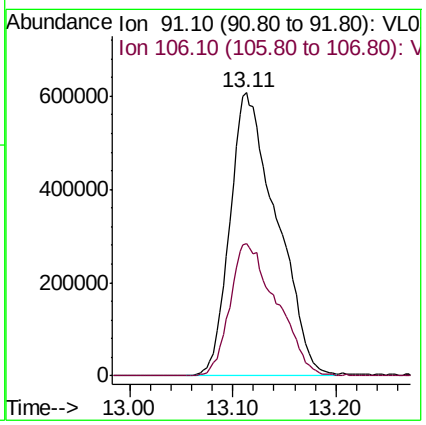


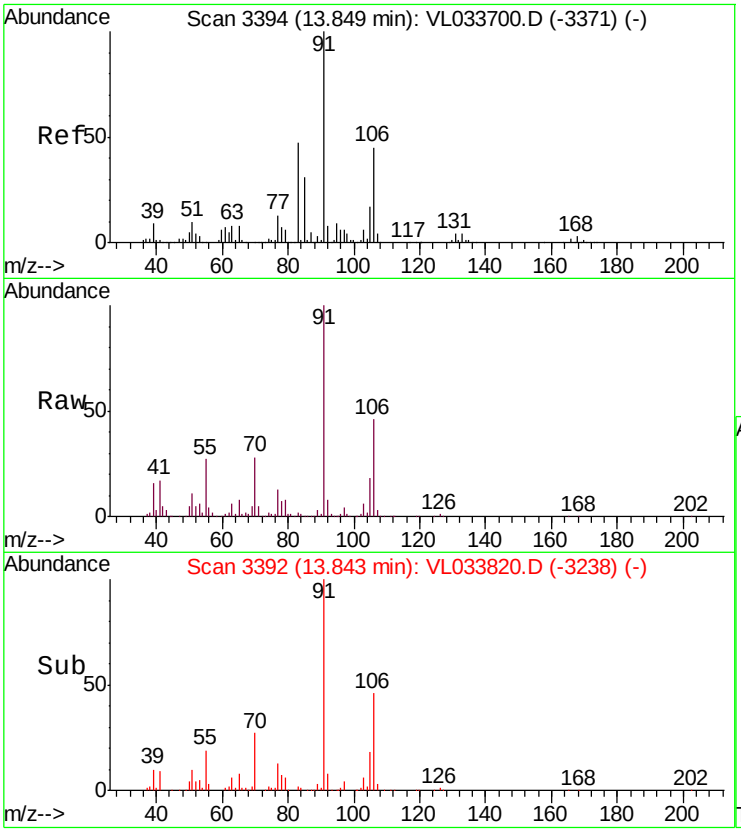


#59
m/p-Xylene
Concen: 7.415 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 91 Resp: 1904006

Ion	Ratio	Lower	Upper
91	100		
106	46.9	35.8	53.6



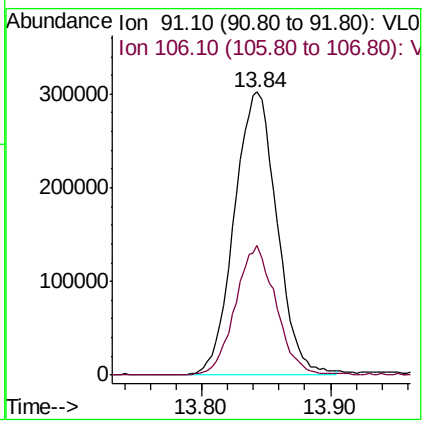


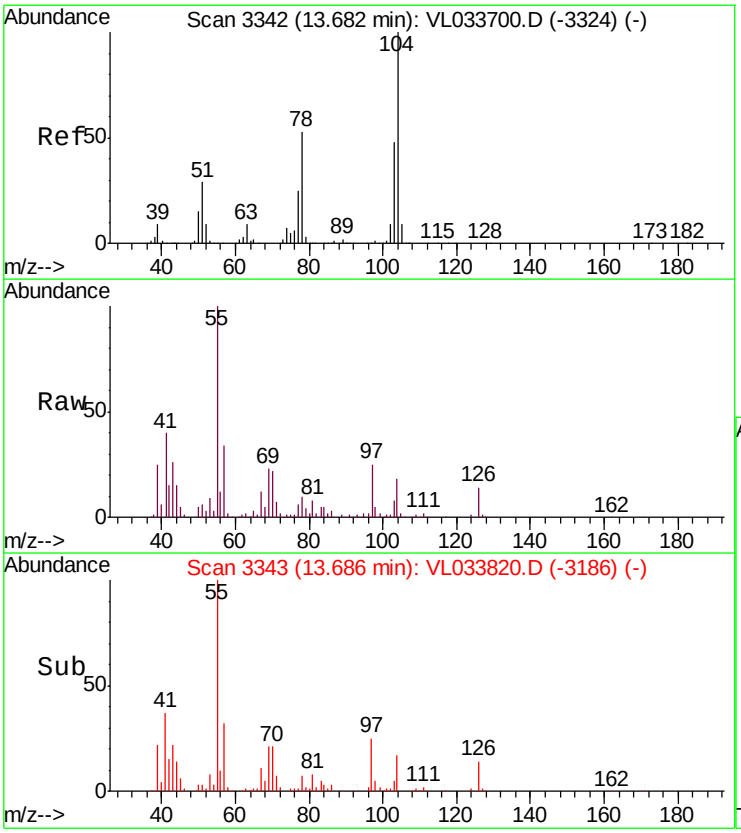
#60
o-Xylene
Concen: 2.671 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion: 91 Resp: 691382

Ion	Ratio	Lower	Upper
91	100		
106	43.9	21.6	64.8

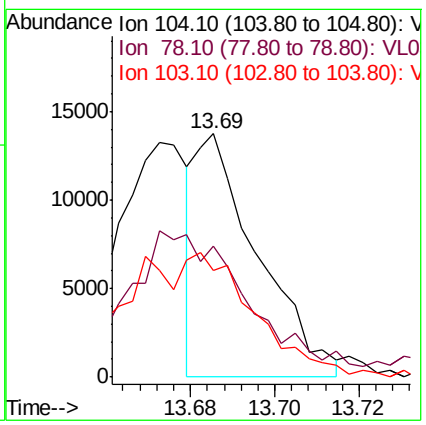


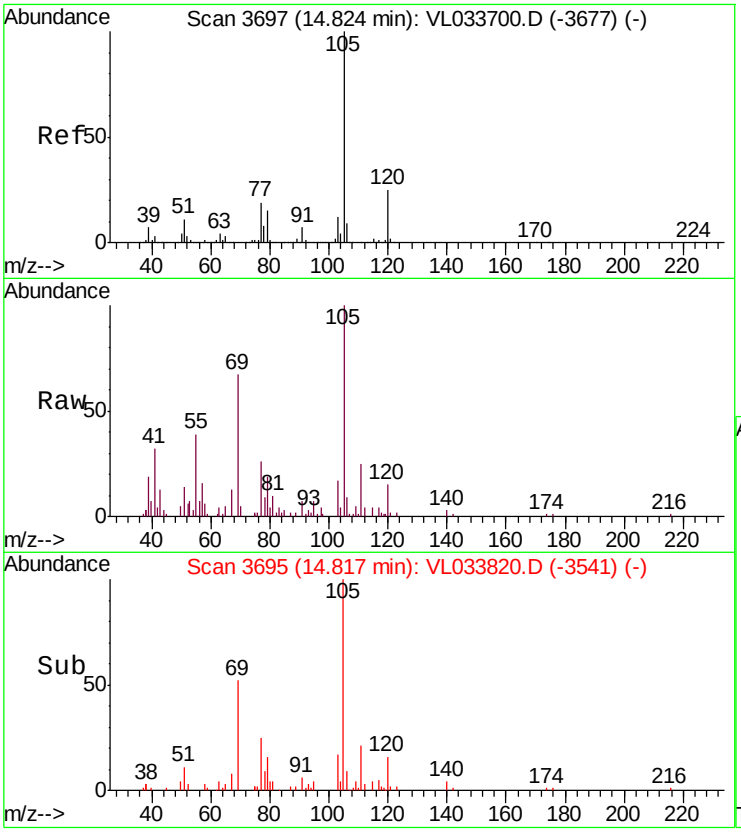


#61
Styrene
Concen: 0.080 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:104 Resp: 13962

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	64.0#
103	109.1	37.8	56.6#



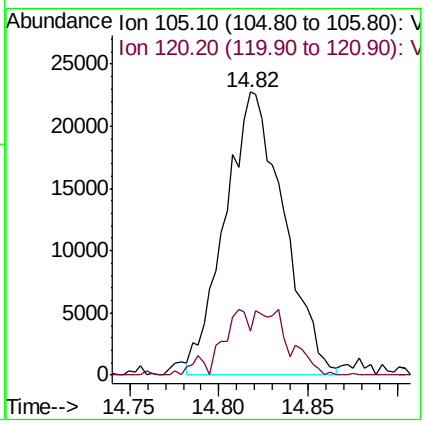


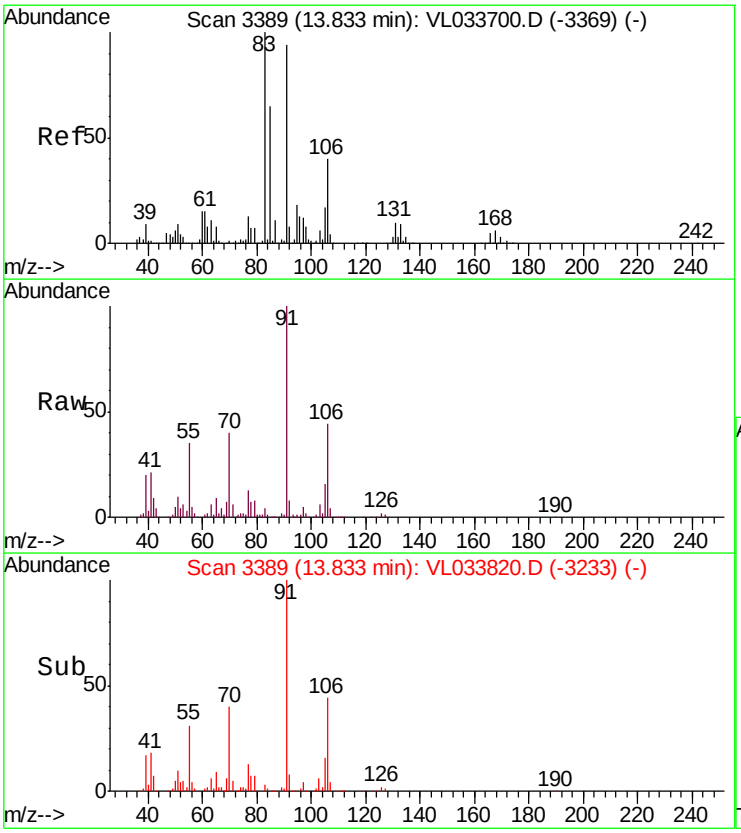
#62
Isopropylbenzene
Concen: 0.150 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:105 Resp: 52241

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1

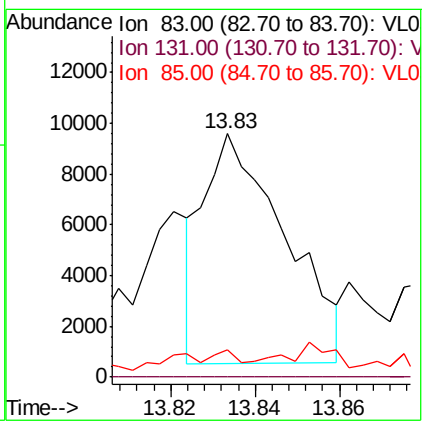


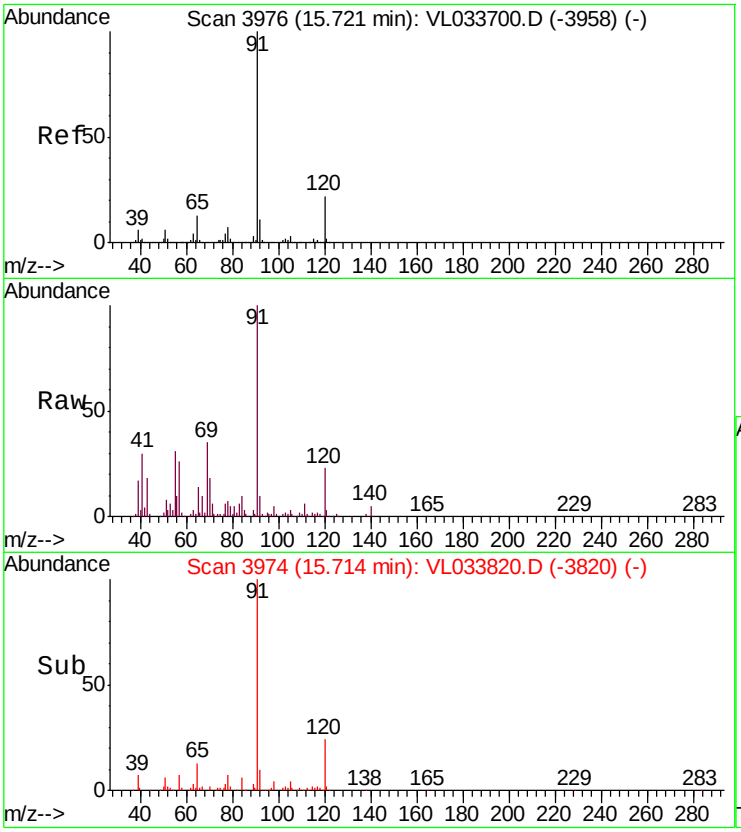


#63
1,1,2,2-Tetrachloroethane
Concen: 0.064 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 83 Resp: 12094

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.3	96.9#



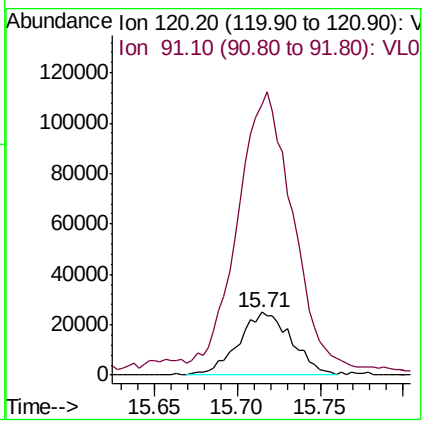


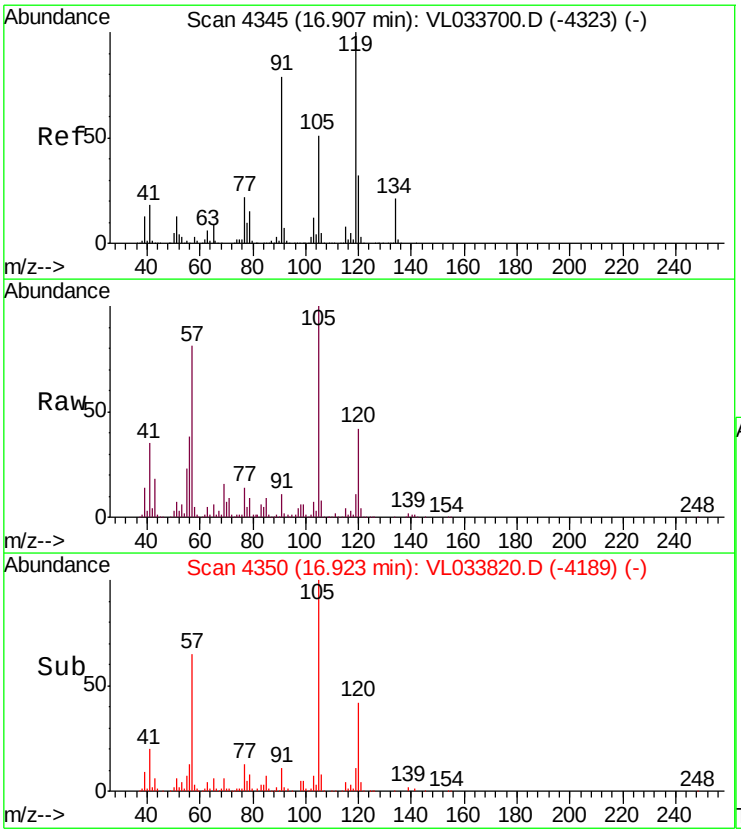
#64
n-propylbenzene
Concen: 0.619 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:120 Resp: 55825

Ion	Ratio	Lower	Upper
120	100		
91	479.9	379.1	568.7

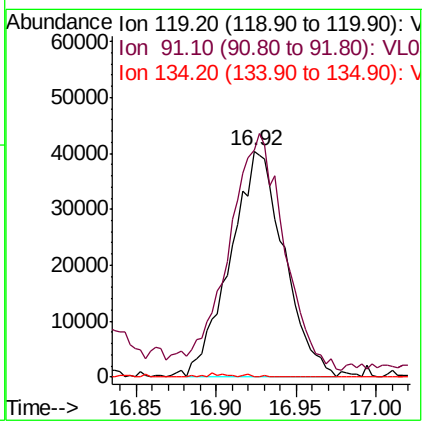


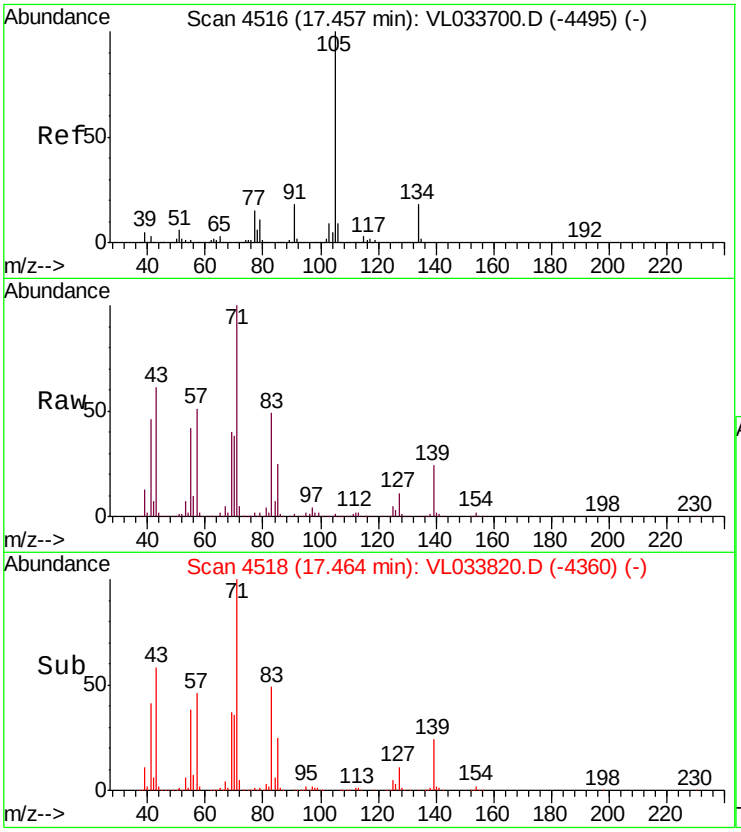


#65
tert-Butylbenzene
Concen: 0.293 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. 0.02 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:119 Resp: 93152

Ion	Ratio	Lower	Upper
119	100		
91	108.5	65.3	97.9#
134	0.8	15.7	23.5#



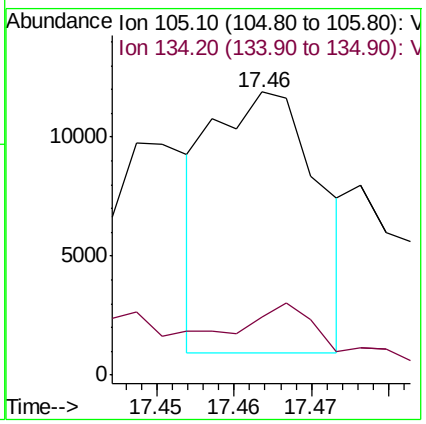


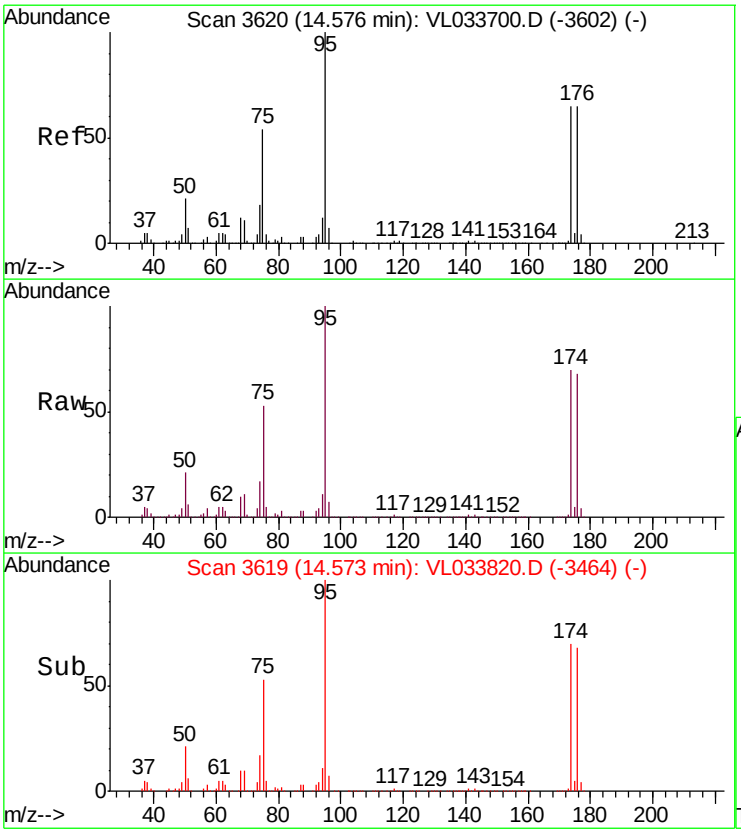
#67
sec-Butylbenzene
Concen: 0.024 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3011-25

Tgt Ion:105 Resp: 10578

Ion	Ratio	Lower	Upper
105	100		
134	53.7	14.6	22.0#

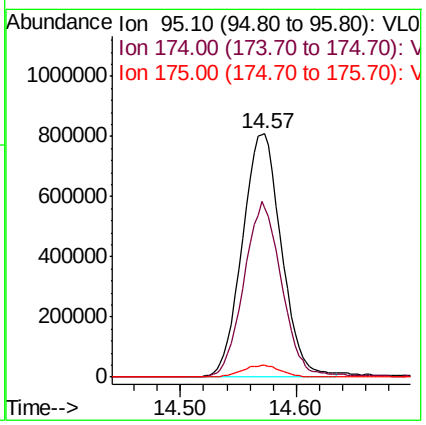


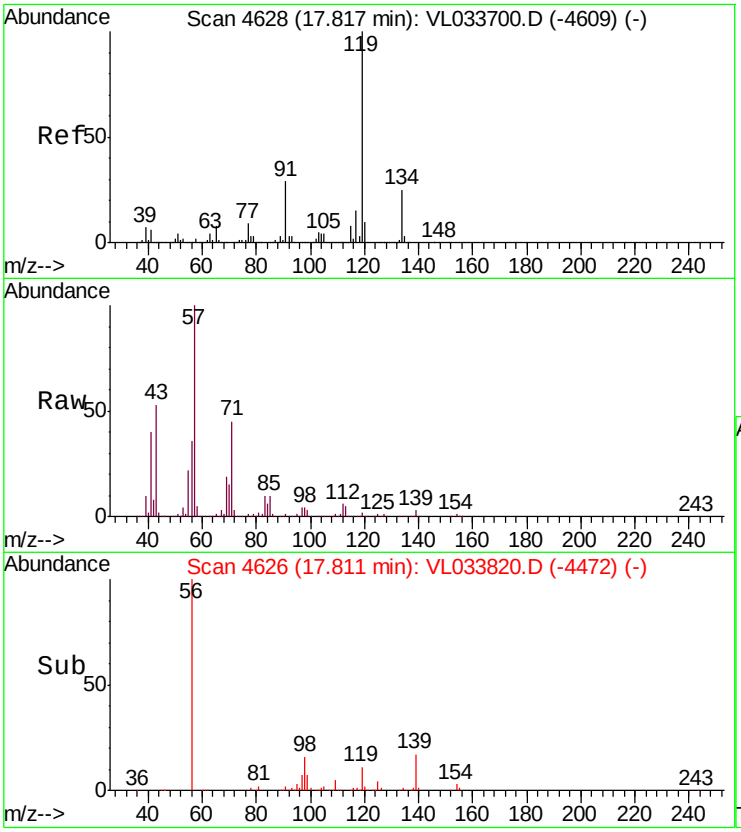


#68
1-Bromo-4-Fluorobenzene
Concen: 10.544 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 95 Resp: 1896105

Ion	Ratio	Lower	Upper
95	100		
174	70.6	53.9	80.9
175	5.1	3.8	5.8



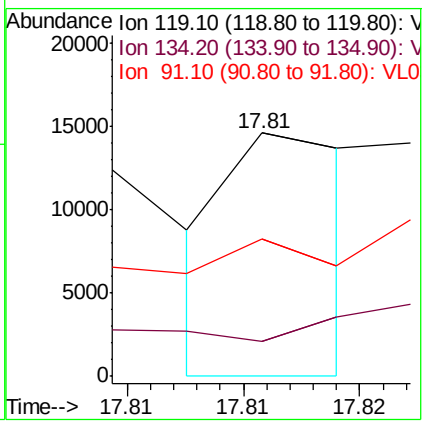


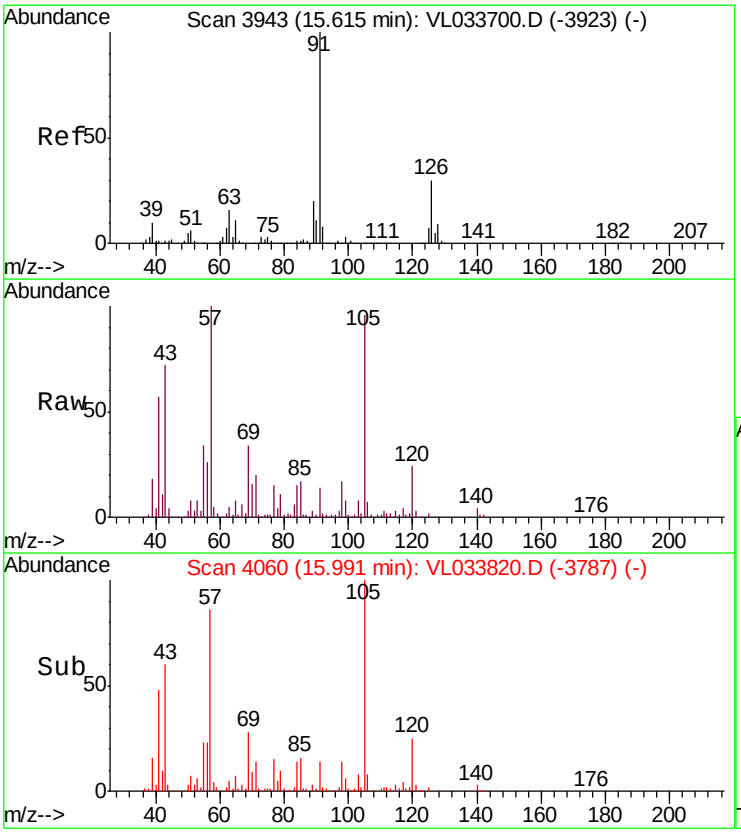
#69
p-Isopropyltoluene
Concen: 0.015 ppbv
RT: 17.81 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:119 Resp: 5454

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.1	34.7#

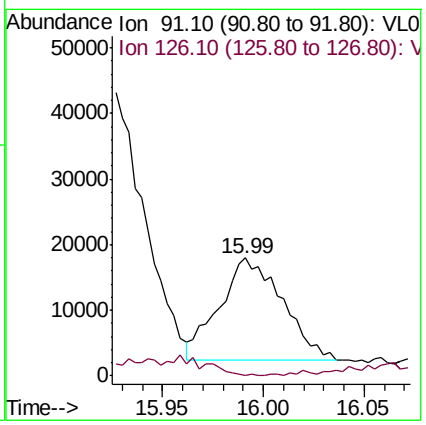


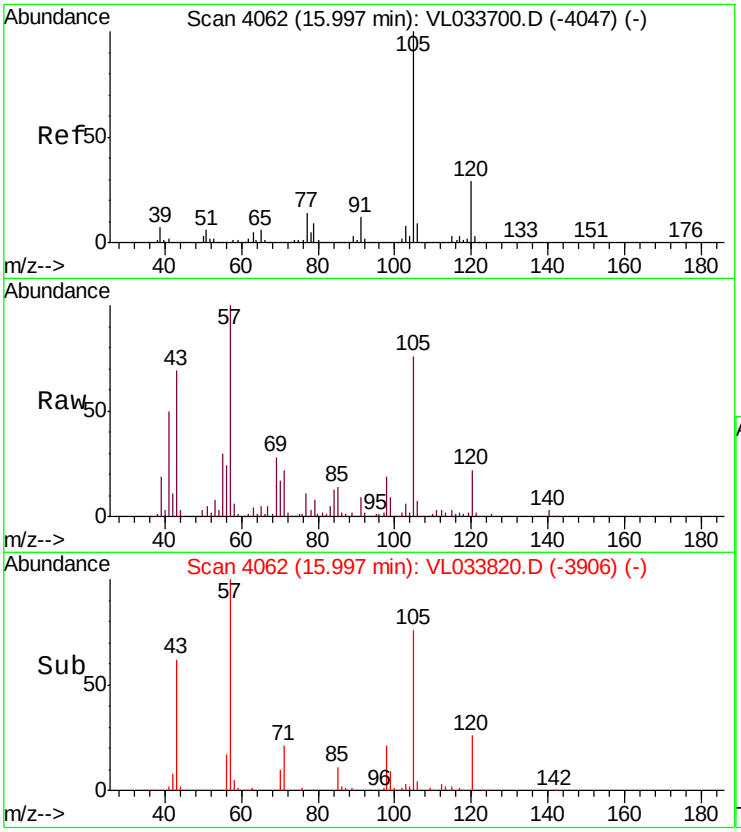


#71
2-Chlorotoluene
Concen: 0.132 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. 0.38 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 91 Resp: 34071

Ion	Ratio	Lower	Upper
91	100		
126	26.8	12.0	47.8



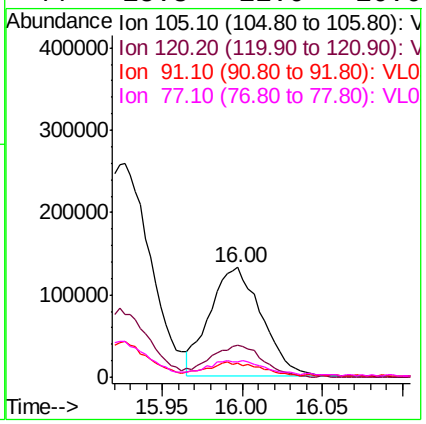


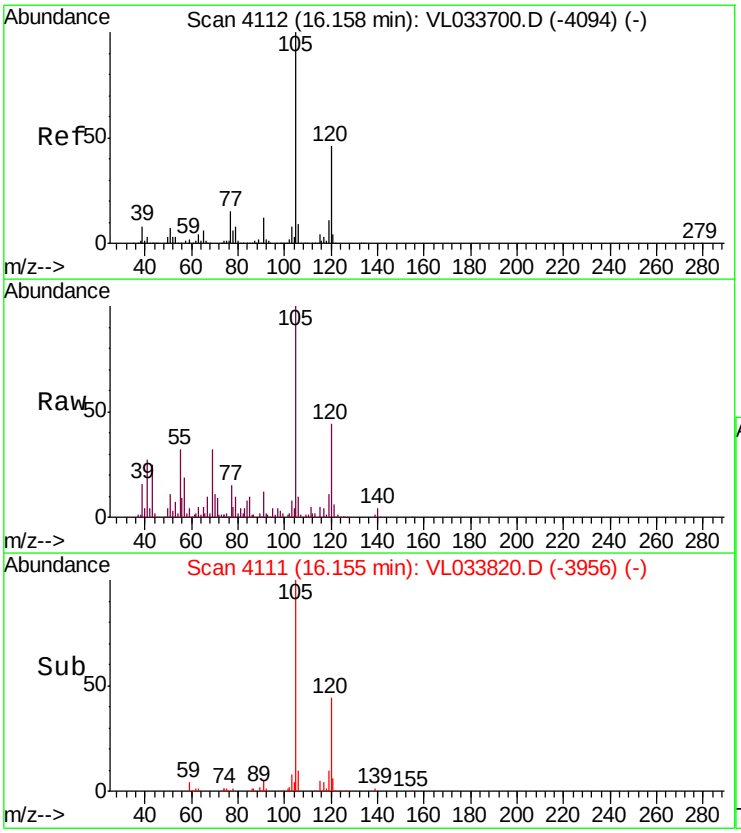
#72
4-Ethyltoluene
Concen: 1.001 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:105 Resp: 296326

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.1	34.7
91	12.0	10.4	15.6
77	15.8	11.0	16.6

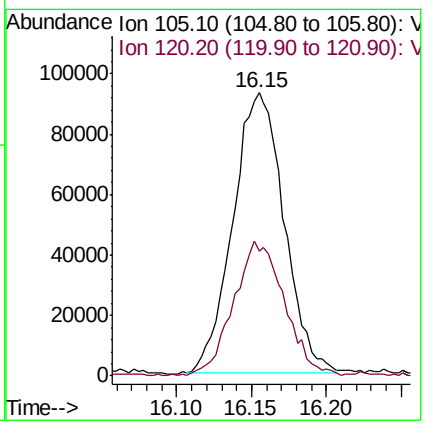


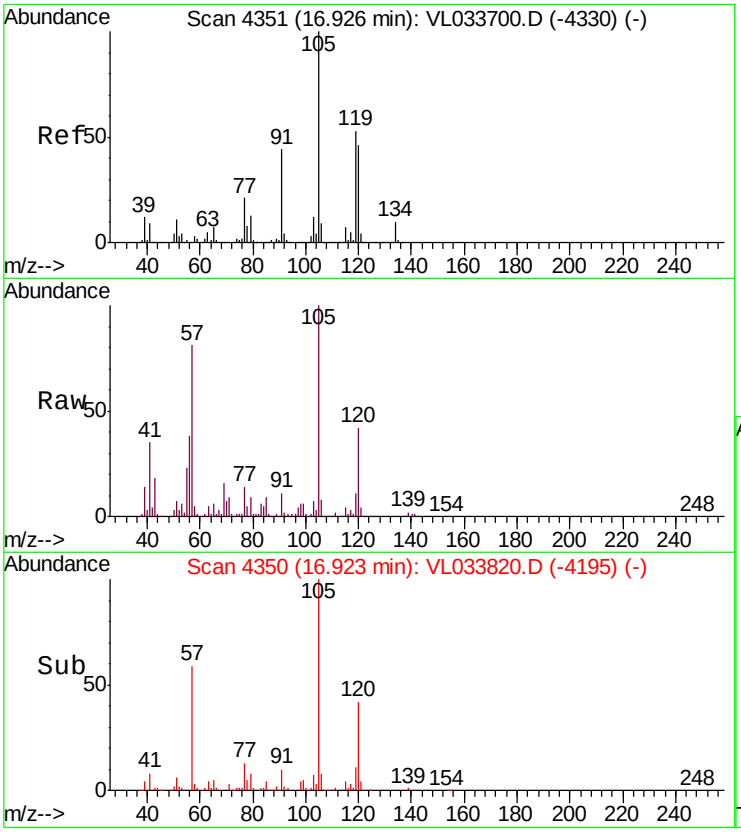


#73
1,3,5-Trimethylbenzene
Concen: 0.760 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:105 Resp: 219480

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.0	55.4



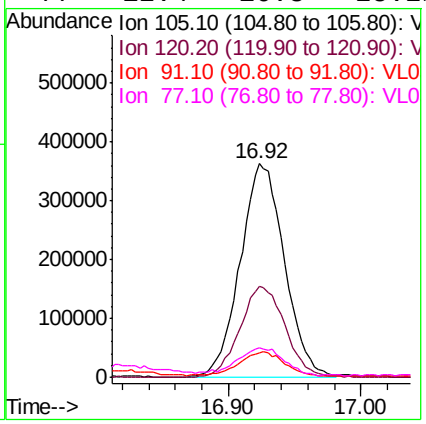


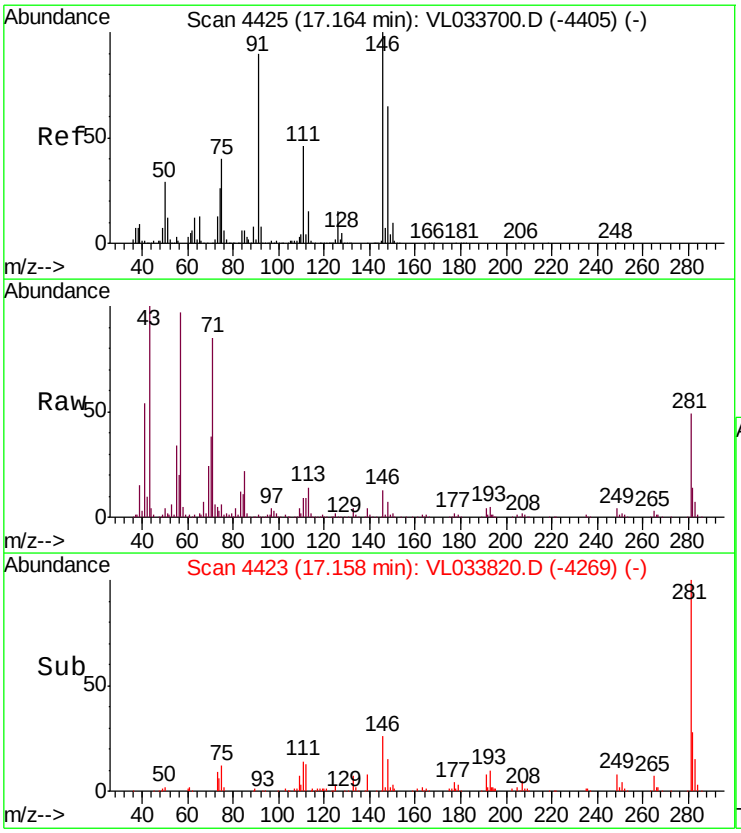
#74
1,2,4-Trimethylbenzene
Concen: 2.667 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:105 Resp: 838143

Ion	Ratio	Lower	Upper
105	100		
120	42.3	36.8	55.2
91	10.6	35.4	53.0#
77	12.4	16.8	25.2#

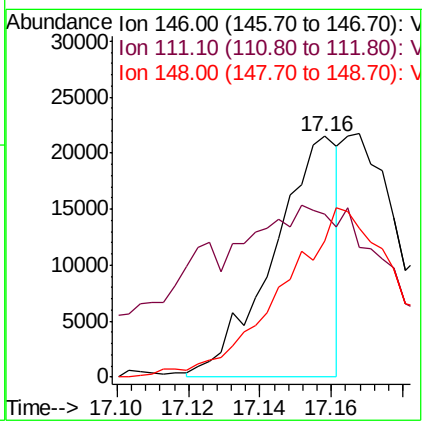


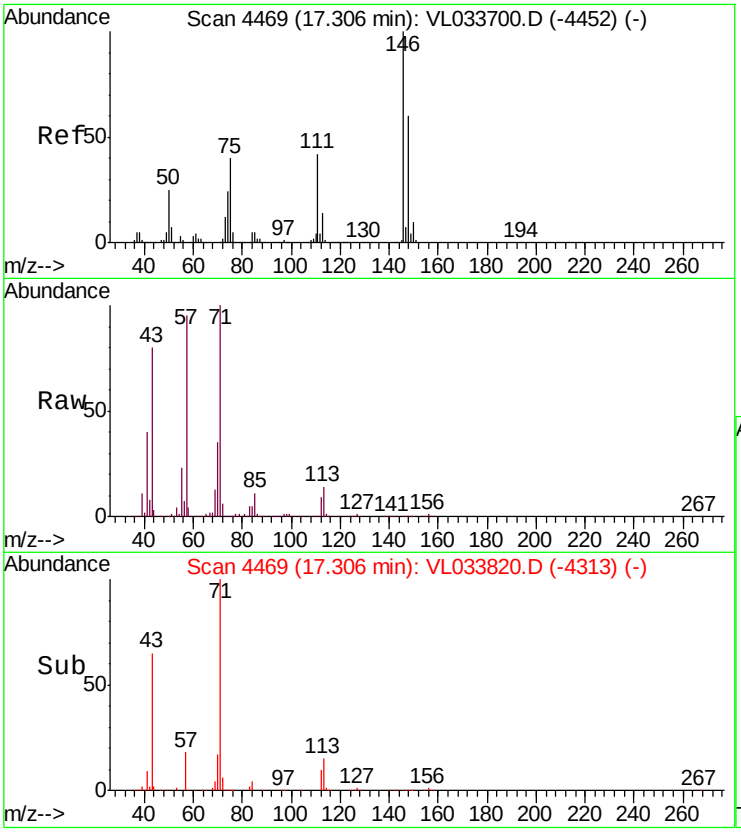


#75
1,3-Dichlorobenzene
Concen: 0.140 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:146 Resp: 26950

Ion	Ratio	Lower	Upper
146	100		
111	176.9	22.9	68.8#
148	129.4	32.0	96.2#



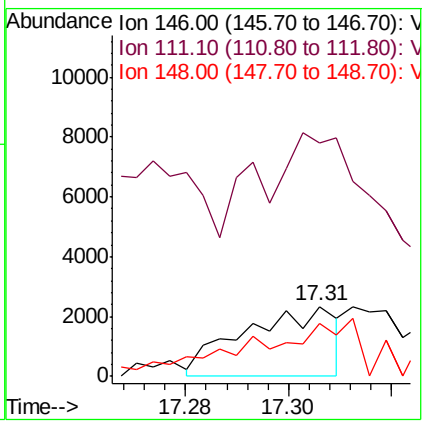


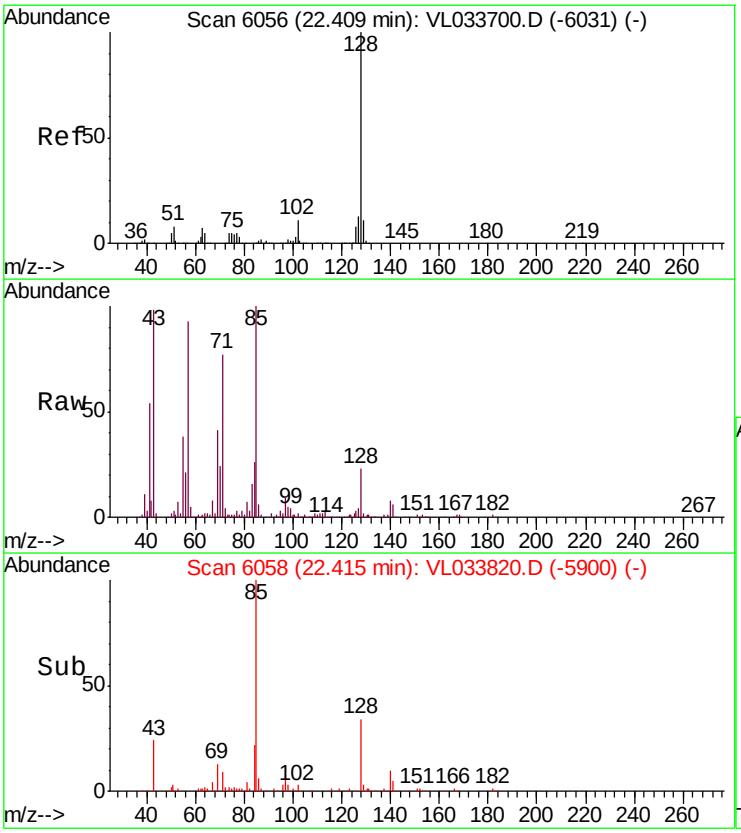
#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:146 Resp: 2865

Ion	Ratio	Lower	Upper
146	100		
111	342.6	21.9	65.8#
148	0.0	32.1	96.3#

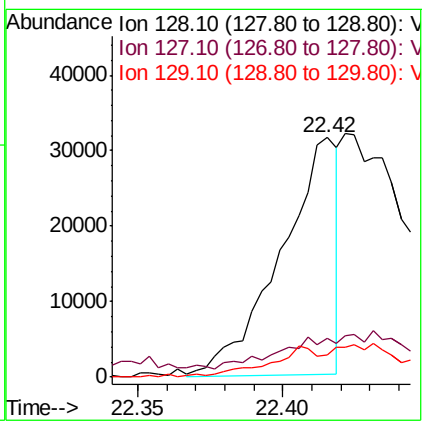


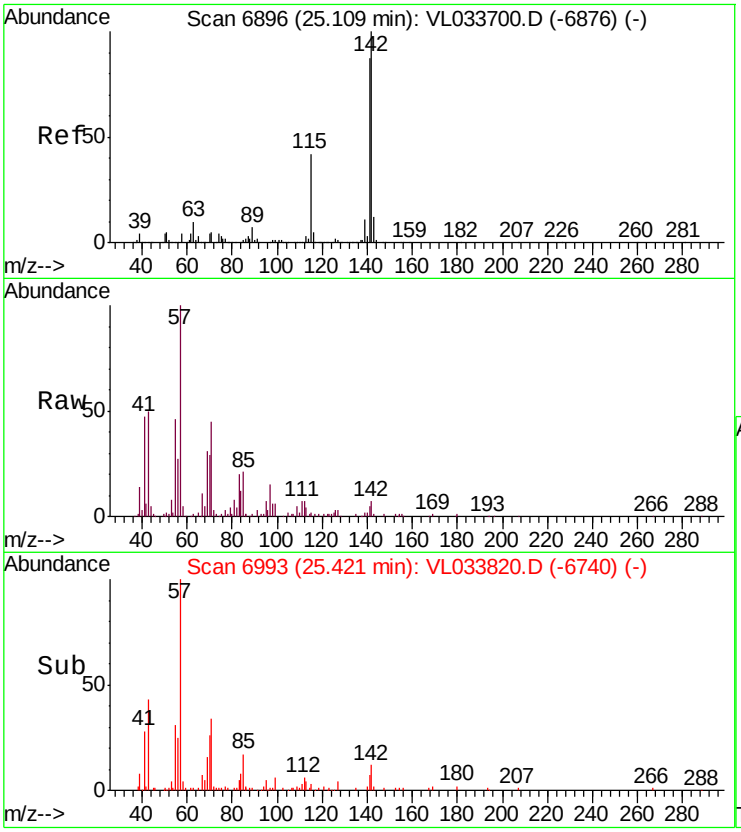


#79
Naphthalene
Concen: 0.146 ppbv
RT: 22.42 min Scan# 6058
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion:128 Resp: 42543

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	8.7	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.059 ppbv
RT: 25.42 min Scan# 6993
Delta R.T. 0.31 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tgt Ion:142 Resp: 6537

Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.2	100.8
115	48.9	34.1	51.1