Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033755.D
Acq On : 22 May 2019 22:07
Operator : SY/AP
Sample : K2929-20
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Quant Time: May 23 04:25:22 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	5.75	49	1013994	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	2533754	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2572720	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.56	95	2040820	9.79	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	45317	0.212	ppbv		99
3) Chlorodifluoromethane	2.98	51	865541	7.452	ppbv	#	59
4) Chloromethane	3.17	50	28615	0.431	ppbv	#	84
6) Bromomethane	3.51	94	679	0.016	ppbv	#	28
8) Dichlorotetrafluoroethane	3.21	85	1825	0.011	ppbv	#	43
9) Propene	3.03	41	504157	10.205	ppbv		92
10) Heptane	8.24	43	237801	1.700	ppbv		100
11) Trichlorofluoromethane	4.00	101	45716	0.224	ppbv		98
13) Ethanol	3.65	45	238390	14.930	ppbv		98
15) Acetone	3.89	43	2830777	20.121	ppbv		97
16) 1,3-Butadiene	3.34	39	295088	5.267	ppbv	#	27
17) tert-Butyl alcohol	4.36	59	61092	0.537	ppbv	#	94
19) Isopropyl Alcohol	4.03	45	78353	0.864	ppbv	#	94
20) Methylene Chloride	4.40	84	29045	0.536	ppbv		89
21) Allyl Chloride	4.46	41	4522	0.052	ppbv	#	82
23) Vinyl Acetate	5.13	43	44218	0.238	ppbv	#	1
25) Ethyl Acetate	5.76	43	473764	1.917	ppbv		100
26) Hexane	5.77	57	199192	1.875	ppbv		93
27) Carbon Disulfide	4.61	76	67201	0.461	ppbv	#	89
29) Chloroform	5.84	83	2245	0.011	ppbv		96
30) Cyclohexane	7.24	84	24859	0.278	ppbv	#	84
31) cis-1,2-Dichloroethene	5.76	61	44626	0.424	ppbv	#	29
34) 2-Butanone	5.32	43	319671	2.035	ppbv		99
36) Benzene	6.99	78	250545	1.087	ppbv	#	95
37) 1,2-Dichloroethane	6.40	62	2100	0.014	ppbv	#	83
38) Trichloroethene	7.96	130	1859	0.022	ppbv	#	29
39) 1,2-Dichloropropane	7.28	63	623254	7.253	ppbv	#	22
41) Tetrahydrofuran	6.16	42	1611	0.018	ppbv	#	4
42) Bromodichloromethane	7.91	83	2860	0.014	ppbv	#	35
43) Methyl Methacrylate	8.12	69	903	0.011	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.98	57	111135	0.285	ppbv	#	71
50) 4-Methyl-2-Pentanone	8.86	43	5848	0.024	ppbv	#	39
51) 2-Hexanone	10.24	43	8307	0.044	ppbv	#	29
52) Tetrachloroethene	11.36	164	4002	0.049	ppbv	#	42
53) Toluene	9.93	91	2679080	10.777	ppbv		99
58) Ethyl Benzene	12.85	91	425330	1.248	ppbv		99
59) m/p-Xylene	13.11	91	1272492	4.273	ppbv		98
60) o-Xylene	13.84	91	394062	1.313	ppbv		99
62) Isopropylbenzene	14.82	105	20547	0.051	ppbv		99
64) n-propylbenzene	15.70	120	8112	0.078	ppbv	#	1
65) tert-Butylbenzene	16.89	119	3756	0.010	ppbv	#	18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033755.D
Acq On : 22 May 2019 22:07
Operator : SY/AP
Sample : K2929-20
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Quant Time: May 23 04:25:22 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)
71) 2-Chlorotoluene	15.46	91	9855	0.033	ppbv		83
72) 4-Ethyltoluene	15.99	105	40898	0.119	ppbv	#	53
73) 1,3,5-Trimethylbenzene	16.15	105	44788	0.134	ppbv		99
74) 1,2,4-Trimethylbenzene	16.91	105	199445	0.547	ppbv	#	78
75) 1,3-Dichlorobenzene	17.16	146	4435	0.020	ppbv	#	1
79) Naphthalene	22.40	128	8602	0.025	ppbv	#	89
80) Naphthalene,2-methyl-	25.12	142	1333	0.010	ppbv	#	83

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033755.D
Acq On : 22 May 2019 22:07
Operator : SY/AP
Sample : K2929-20
Misc : 400ml/MSVOA_L
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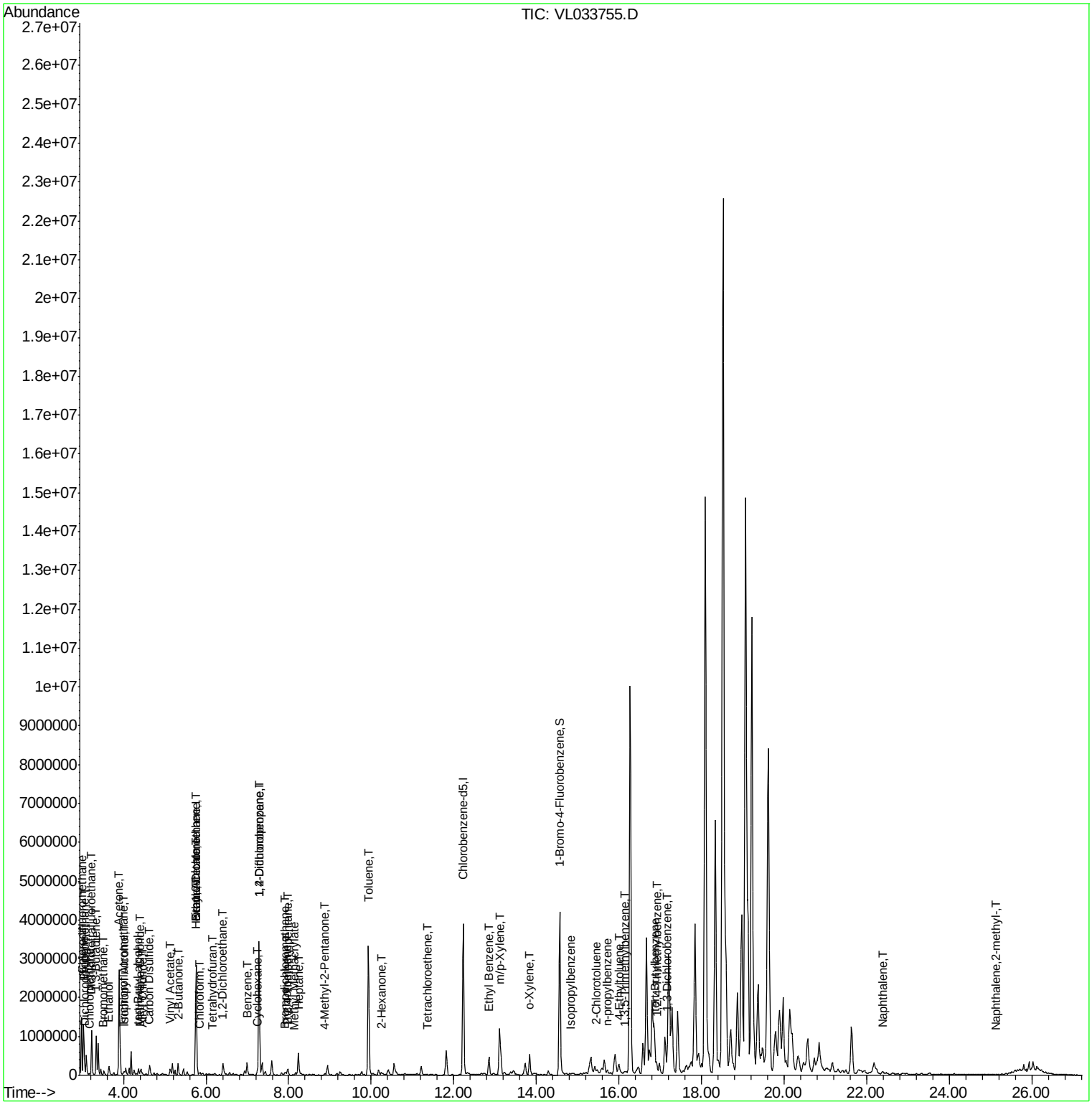
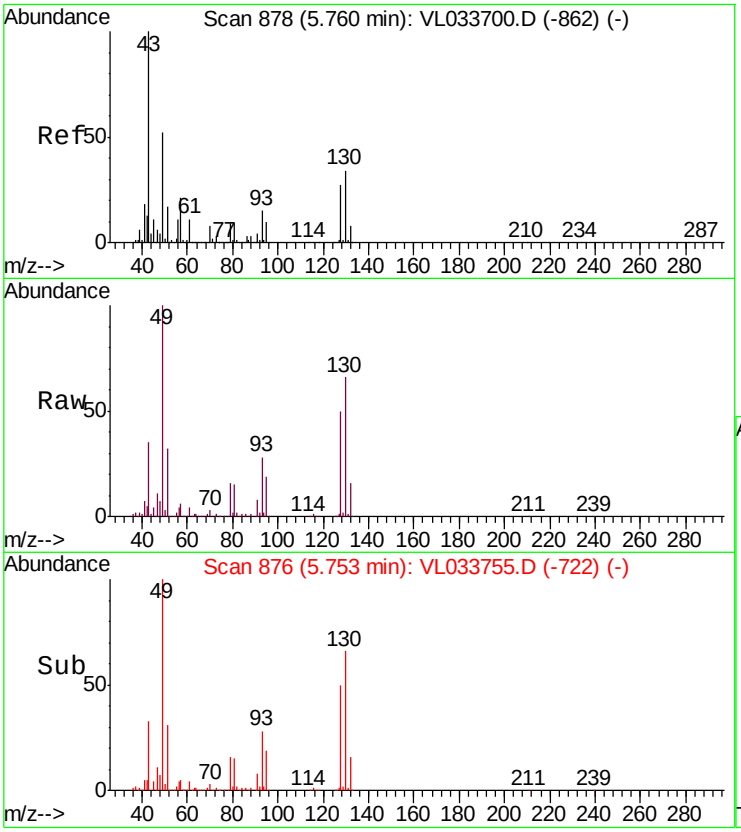
Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Quant Time: May 23 04:25:22 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



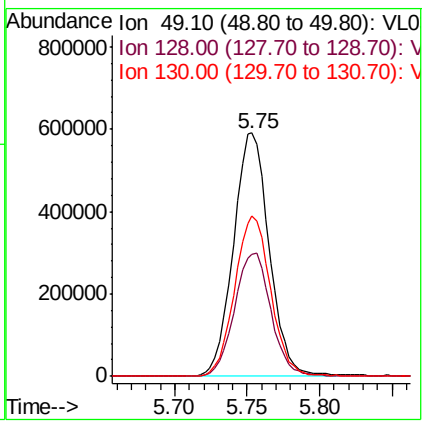


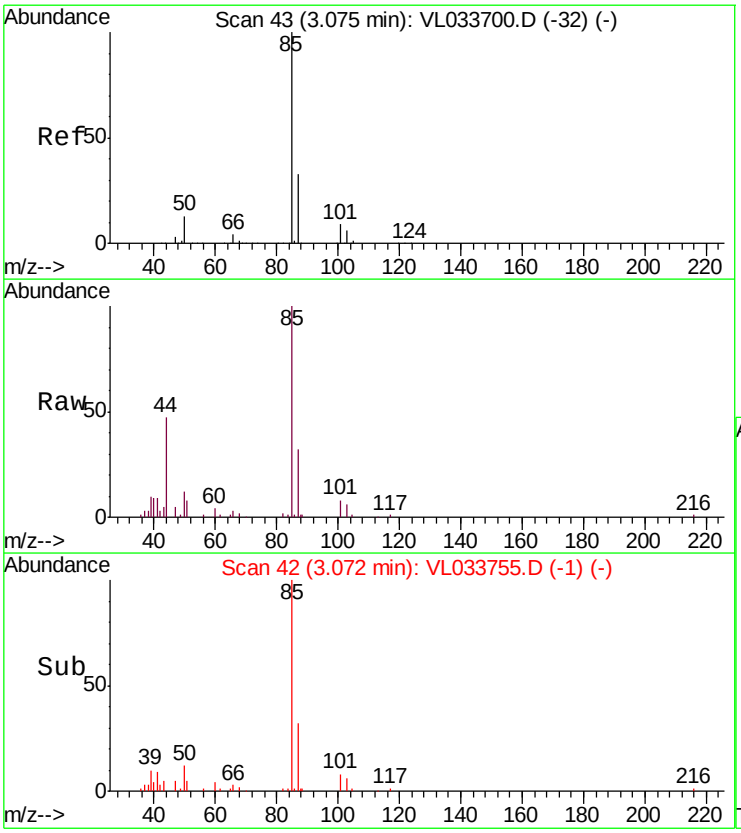
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 49 Resp: 1013994

Ion	Ratio	Lower	Upper
49	100		
128	51.6	25.2	75.6
130	66.6	32.5	97.5

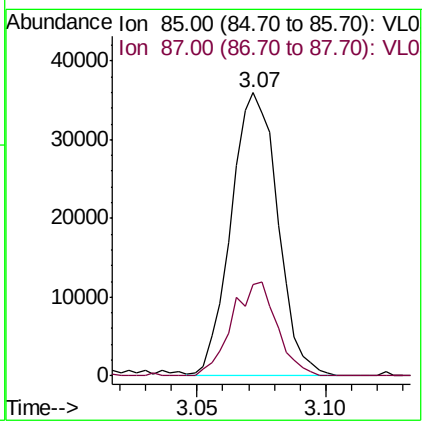


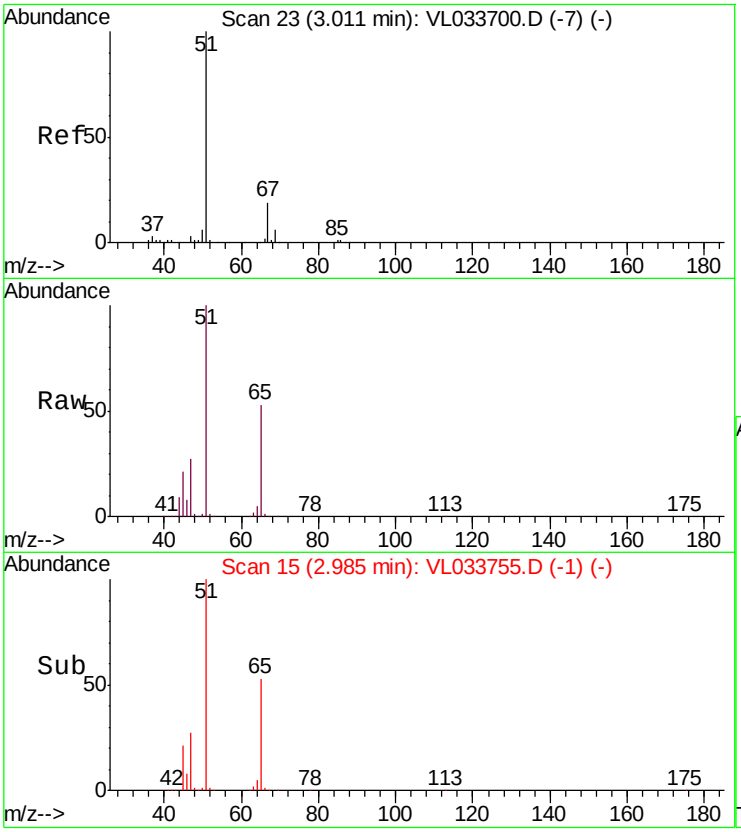


#2
Dichlorodifluoromethane
Concen: 0.212 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 85 Resp: 45317

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.3	39.5



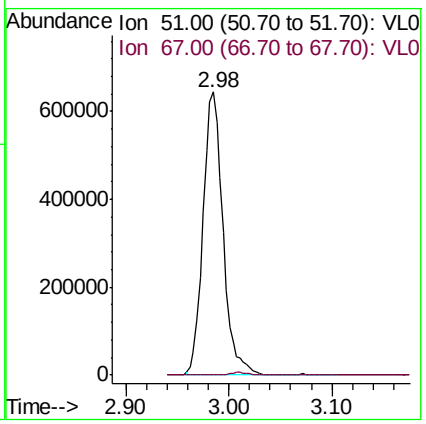


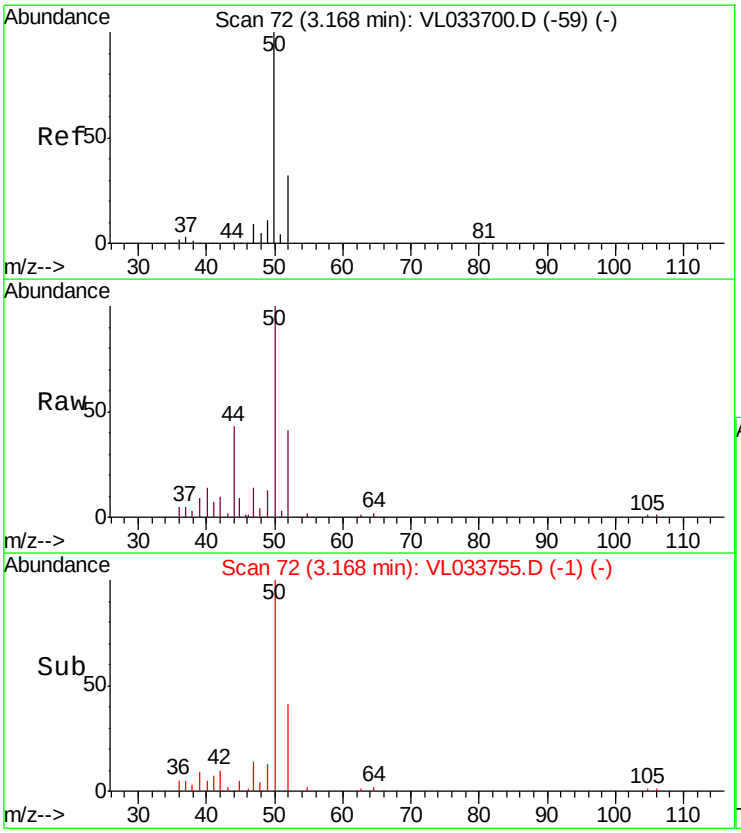
#3
Chlorodifluoromethane
Concen: 7.452 ppbv
RT: 2.98 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 51 Resp: 865541

Ion	Ratio	Lower	Upper
51	100		
67	0.9	15.6	23.4#

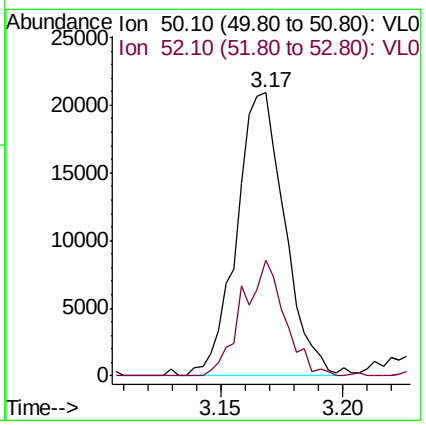


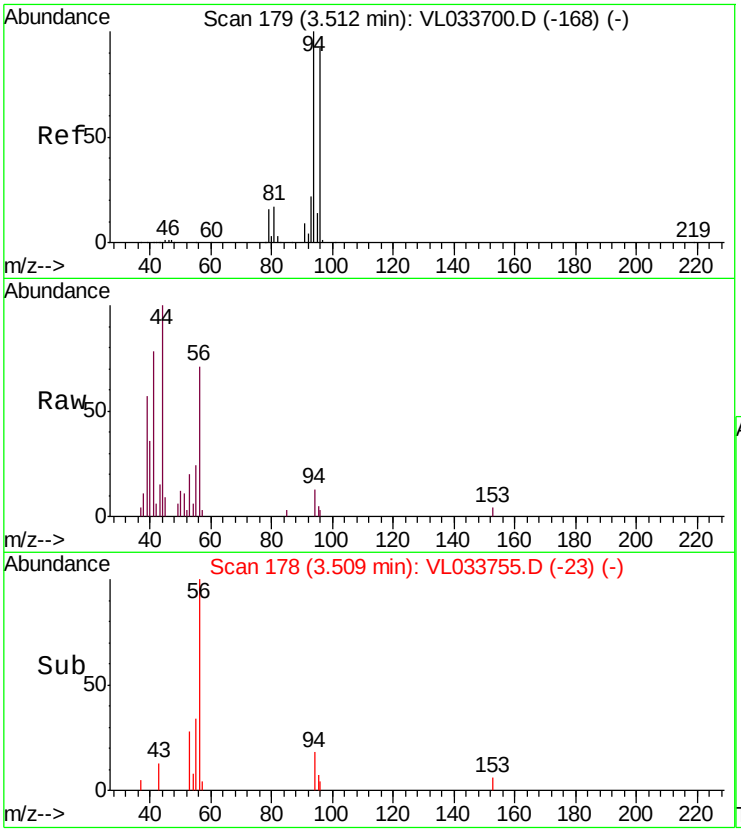


#4
Chloromethane
Concen: 0.431 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 50 Resp: 28615

Ion	Ratio	Lower	Upper
50	100		
52	41.0	25.7	38.5#



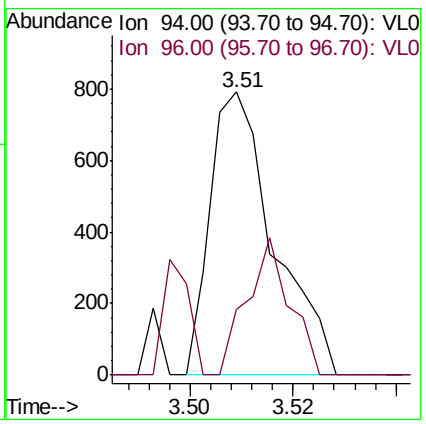


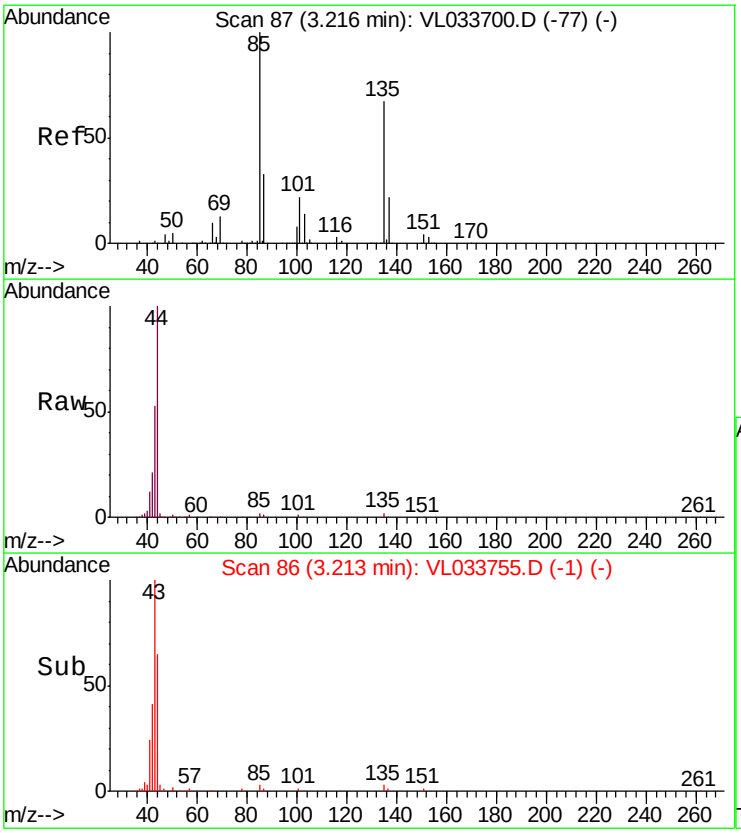
#6
Bromomethane
Concen: 0.016 ppbv
RT: 3.51 min Scan# 178
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 94 Resp: 679

Ion	Ratio	Lower	Upper
94	100		
96	23.4	73.6	110.4#

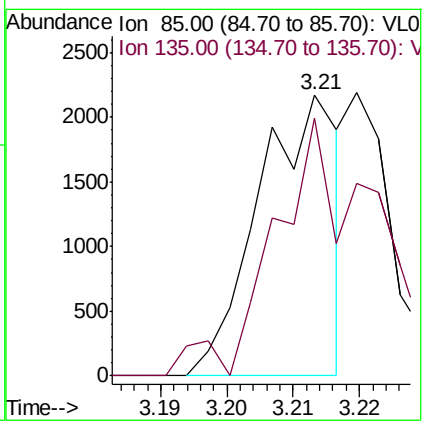


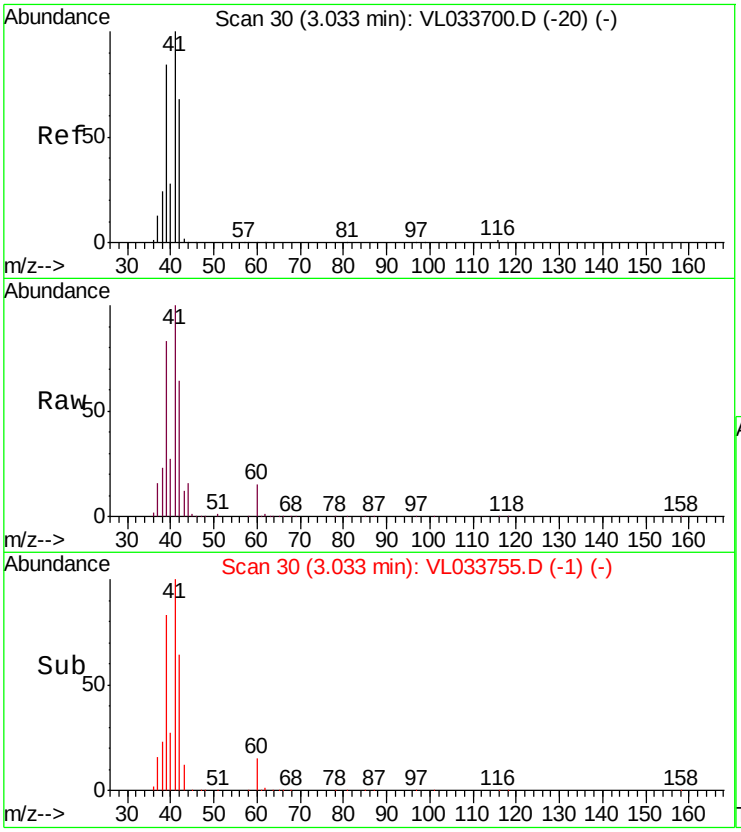


#8
Dichlorotetrafluoroethane
Concen: 0.011 ppbv
RT: 3.21 min Scan# 86
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 85 Resp: 1825

Ion	Ratio	Lower	Upper
85	100		
135	113.9	54.5	81.7#



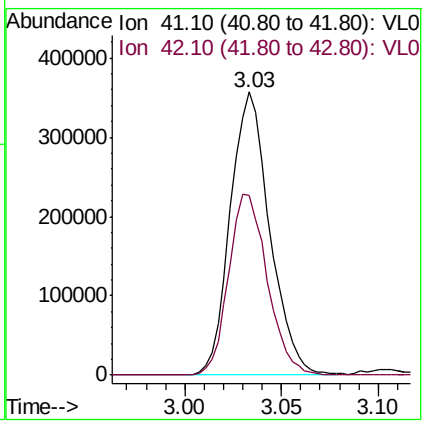


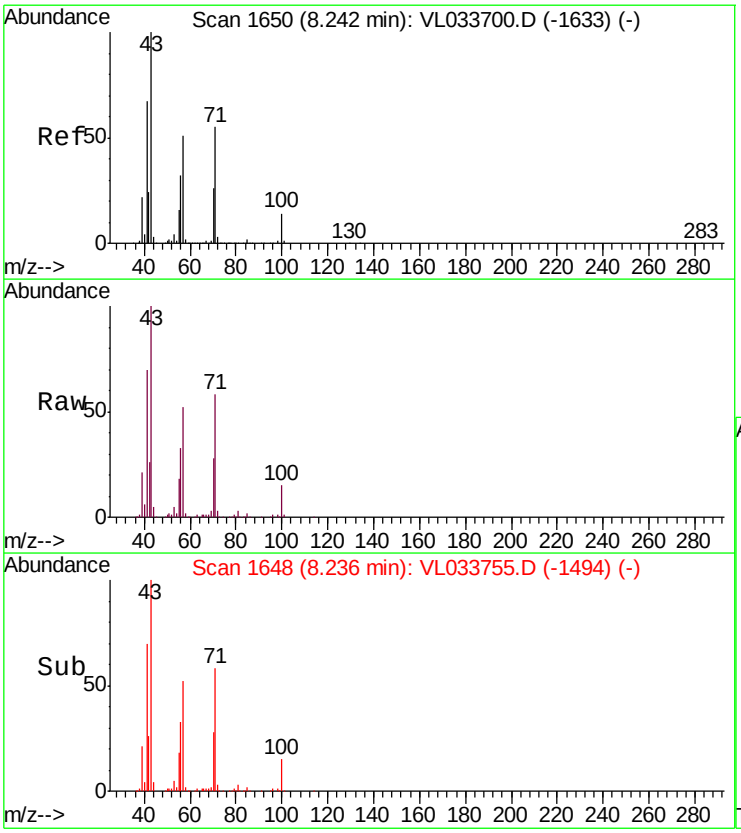
#9
Propene
Concen: 10.205 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 41 Resp: 504157

Ion	Ratio	Lower	Upper
41	100		
42	63.2	56.1	84.1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

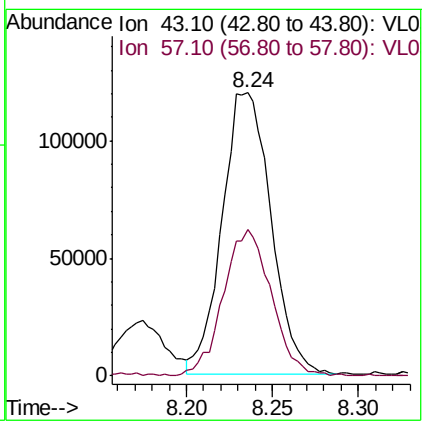


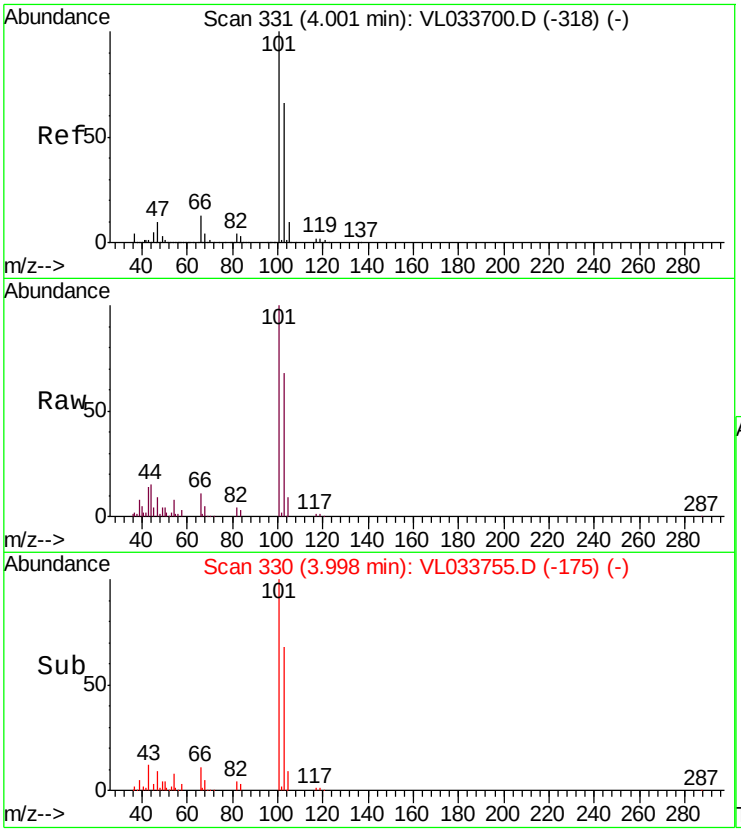


#10
Heptane
Concen: 1.700 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 43 Resp: 237801

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.4	62.0



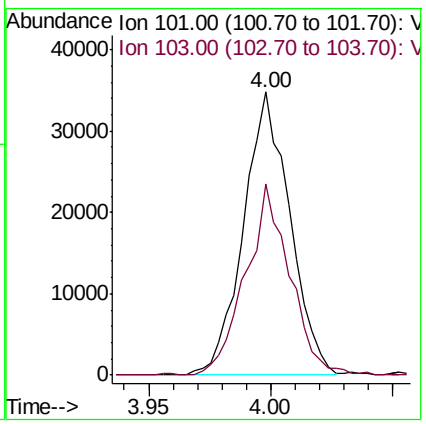


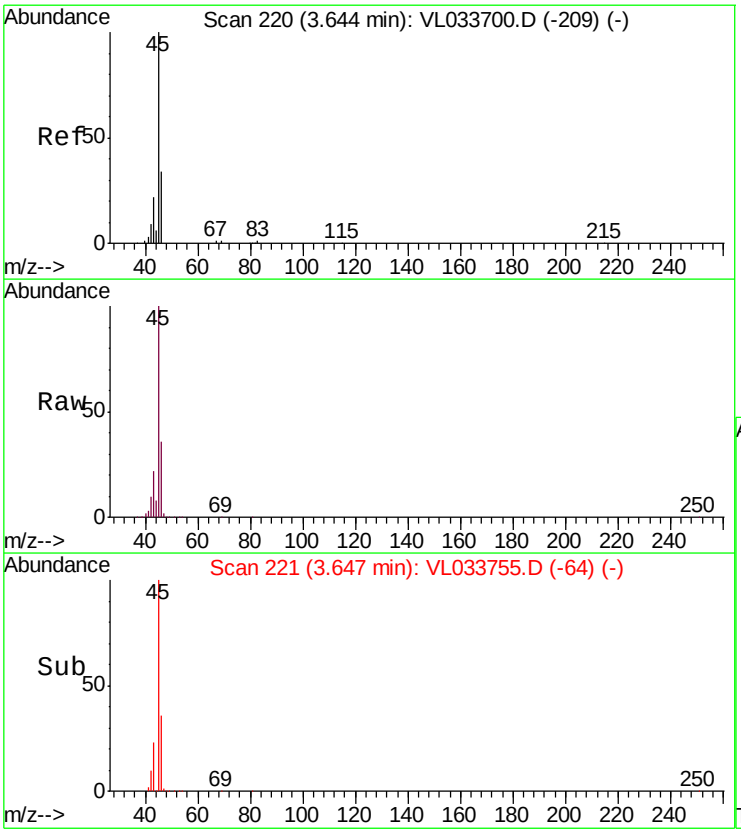
#11
Trichlorofluoromethane
Concen: 0.224 ppbv
RT: 4.00 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion:101 Resp: 45716

Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.6	78.8

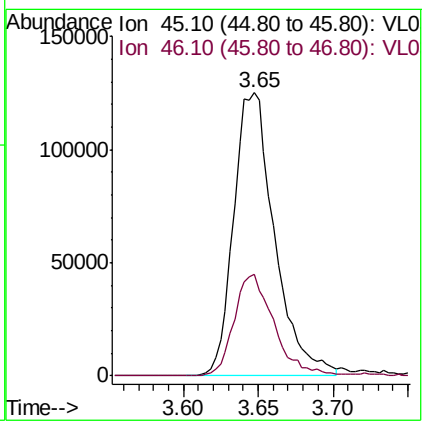


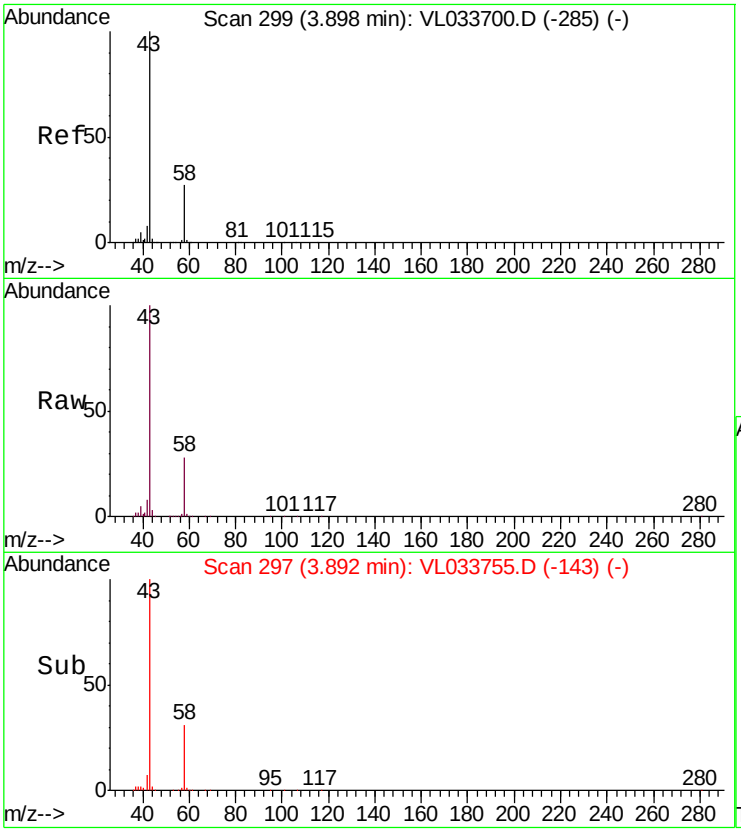


#13
Ethanol
Concen: 14.930 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 45 Resp: 238390

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.8	59.0



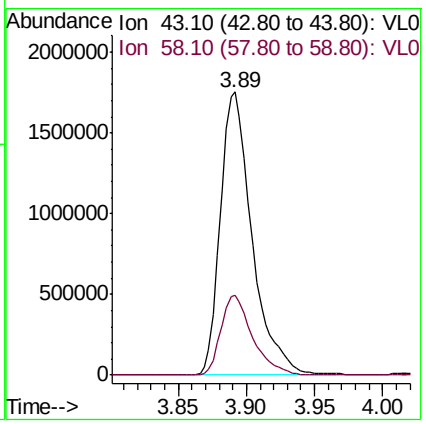


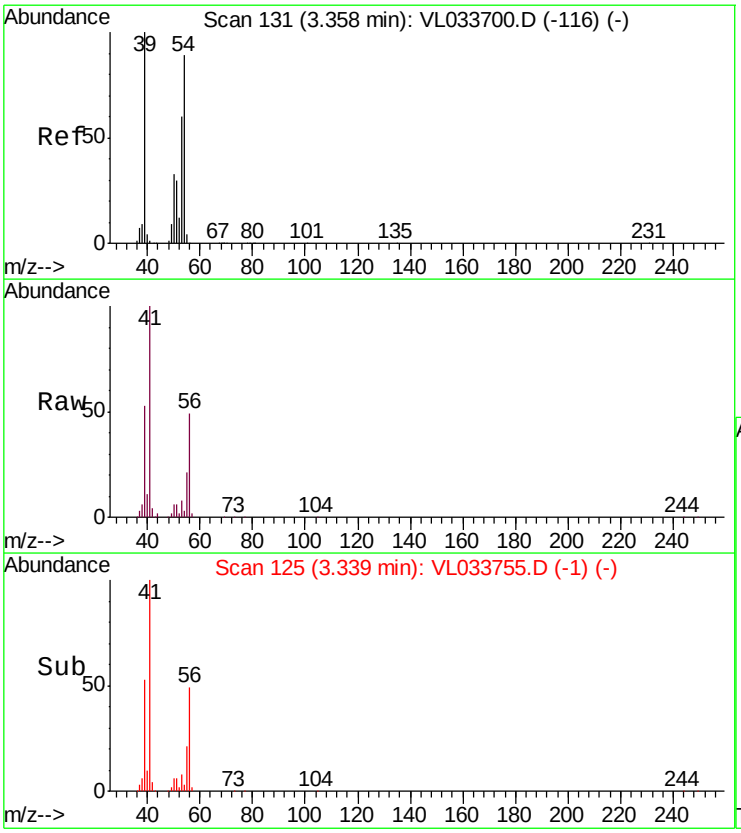
#15
Acetone
Concen: 20.121 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 43 Resp: 2830777

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.3	31.9

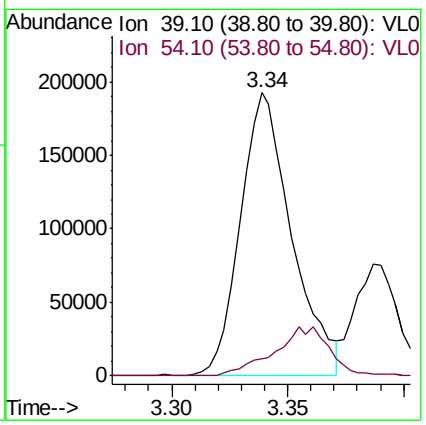


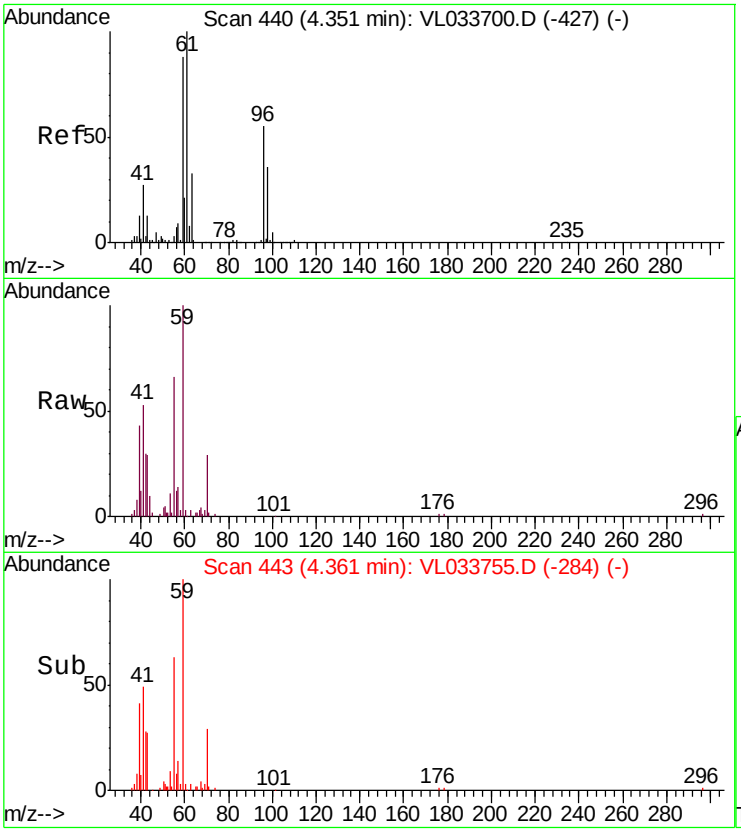


#16
1,3-Butadiene
Concen: 5.267 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 39 Resp: 295088

Ion	Ratio	Lower	Upper
39	100		
54	19.0	69.0	103.6#



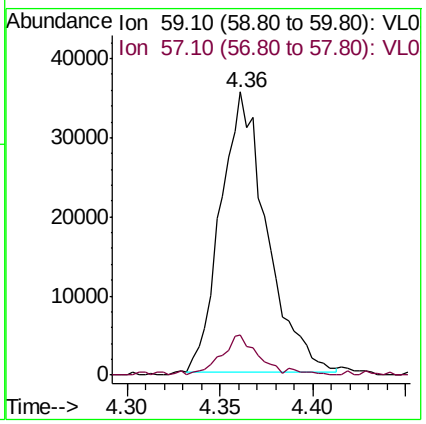


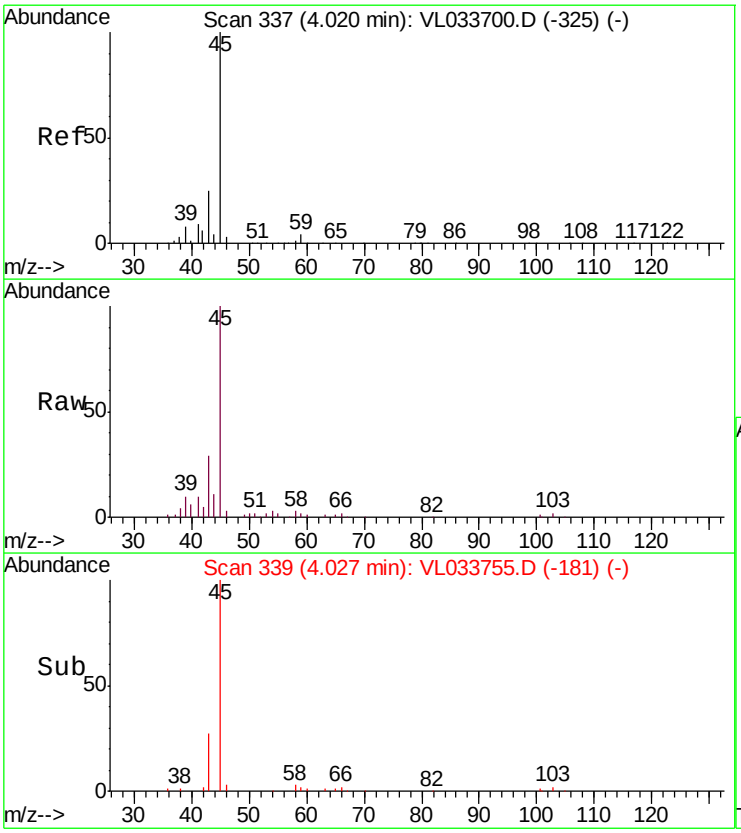
#17
tert-Butyl alcohol
Concen: 0.537 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 59 Resp: 61092

Ion	Ratio	Lower	Upper
59	100		
57	12.9	8.4	12.6#

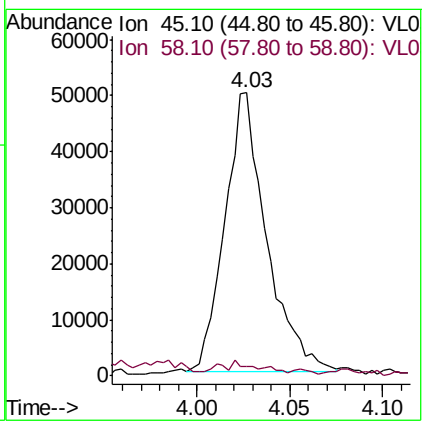


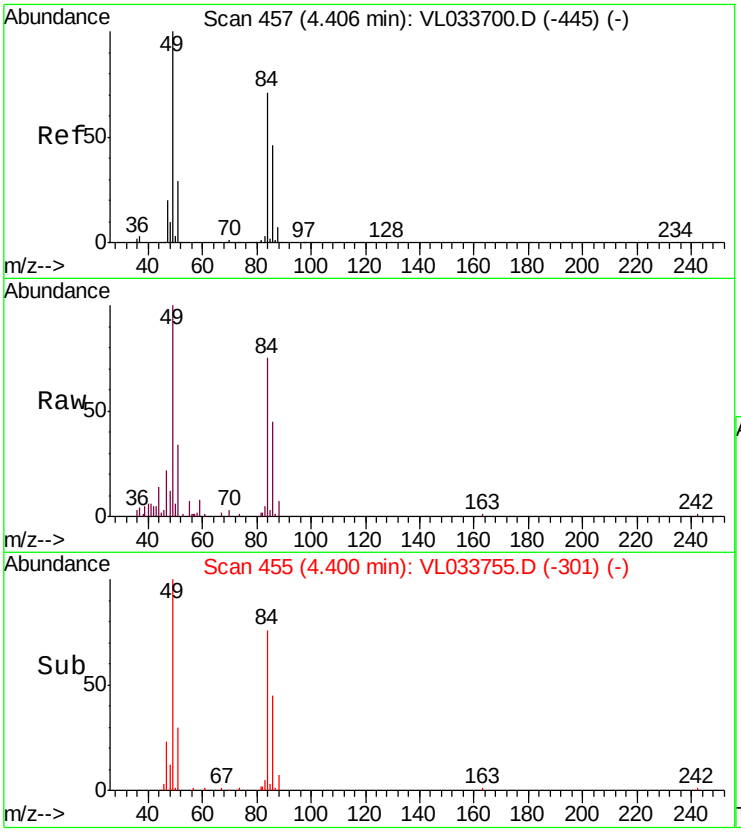


#19
Isopropyl Alcohol
Concen: 0.864 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 45 Resp: 78353

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



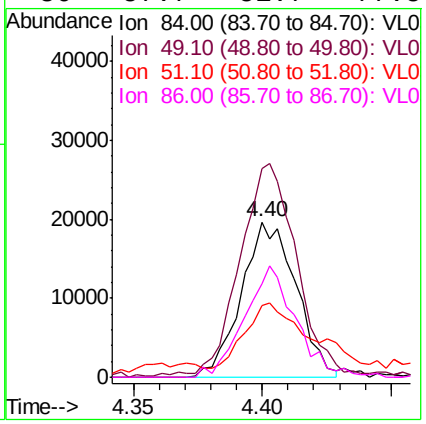


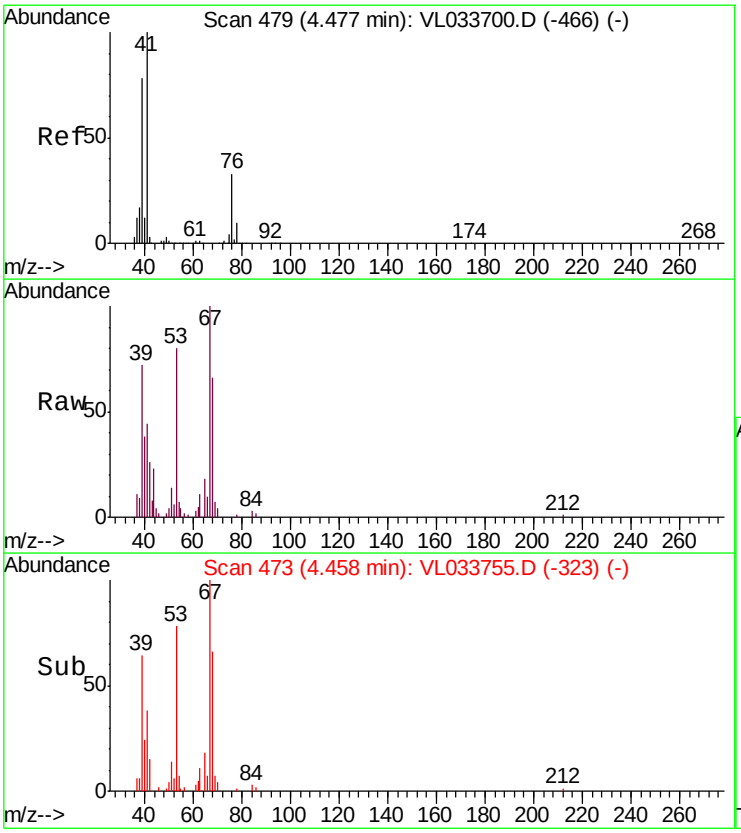
#20
Methylene Chloride
Concen: 0.536 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 84 Resp: 29045

Ion	Ratio	Lower	Upper
84	100		
49	127.1	112.8	169.2
51	35.1	33.4	50.0
86	57.7	51.7	77.5

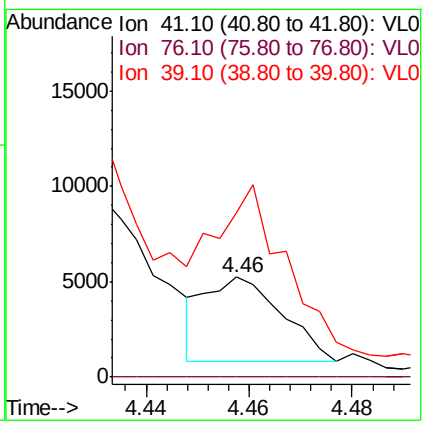


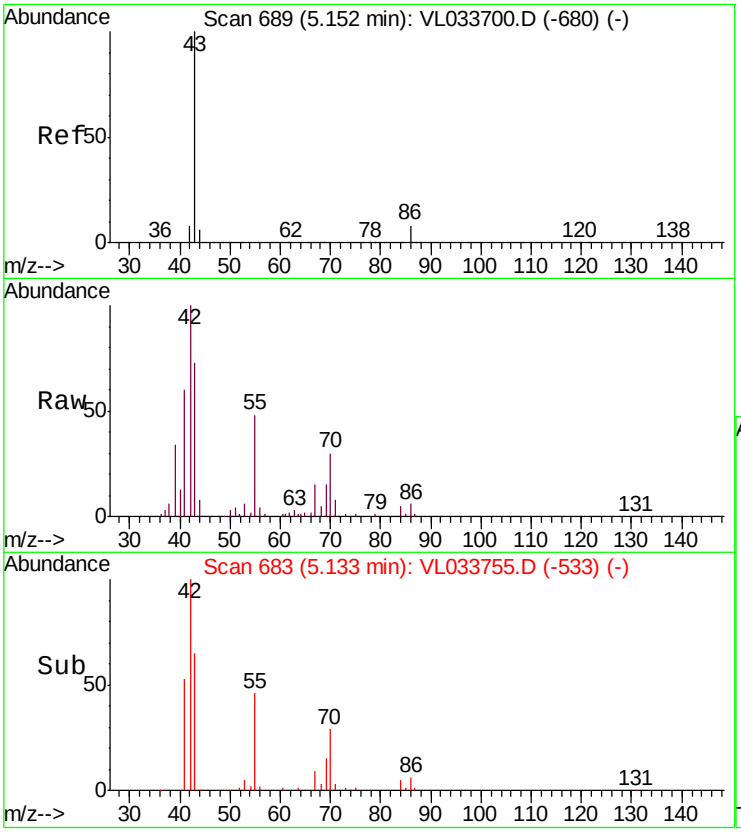


#21
Allyl Chloride
Concen: 0.052 ppbv
RT: 4.46 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 41 Resp: 4522

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	82.7	64.6	97.0



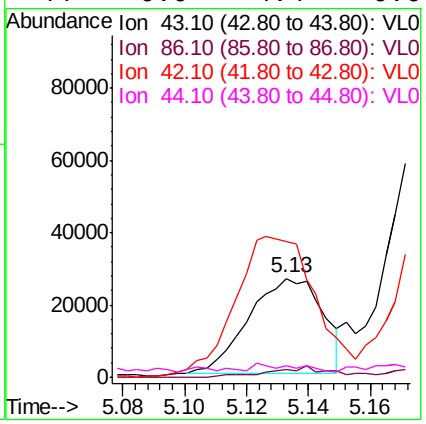


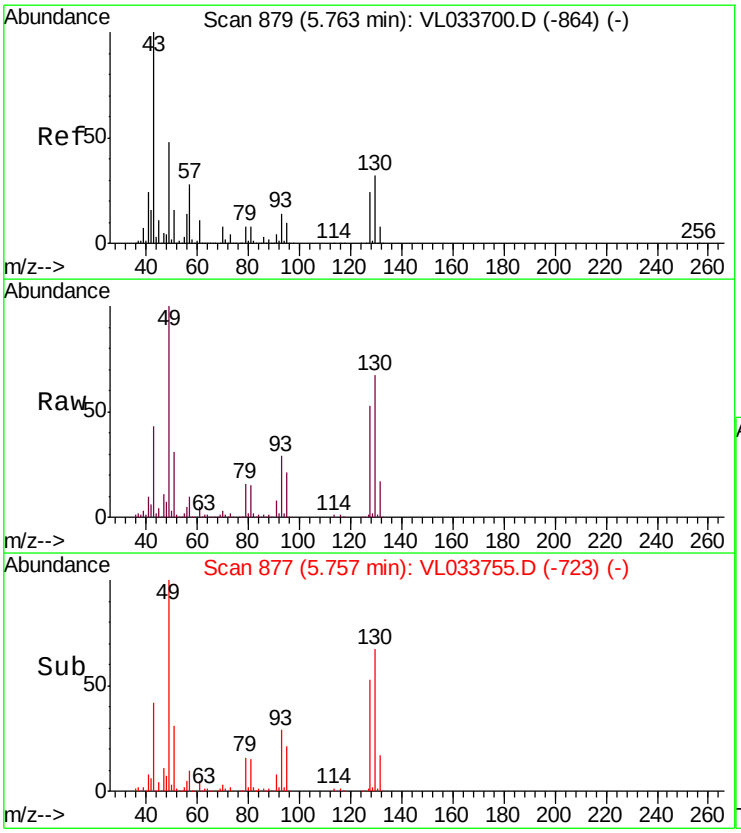
#23
Vinyl Acetate
Concen: 0.238 ppbv
RT: 5.13 min Scan# 683
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 43 Resp: 44218

Ion	Ratio	Lower	Upper
43	100		
86	9.6	6.0	9.0#
42	133.3	7.5	11.3#
44	6.0	4.4	6.6

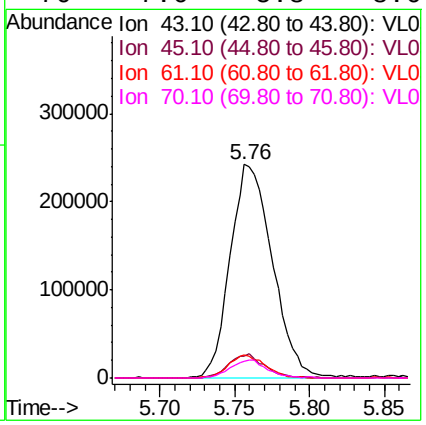


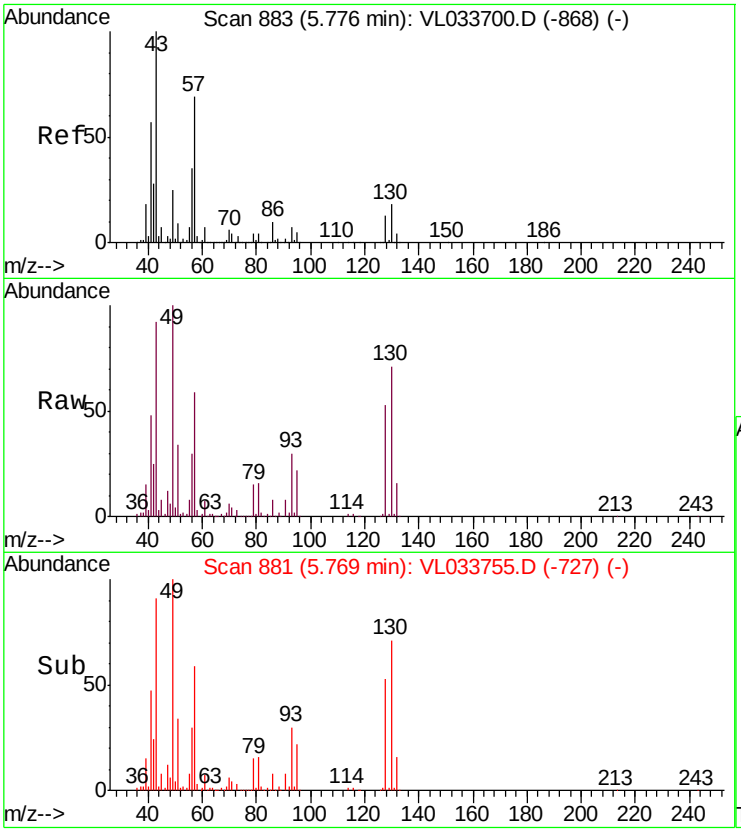


#25
Ethyl Acetate
Concen: 1.917 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 43 Resp: 473764

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.6	7.7	11.5
70	7.6	5.8	8.6



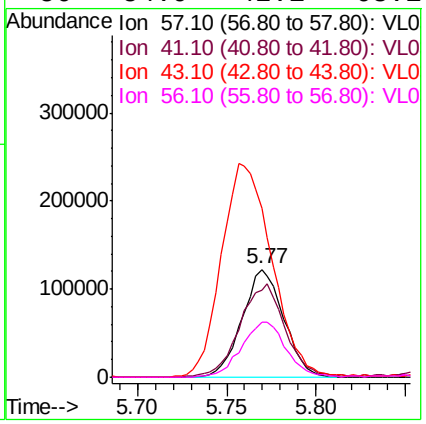


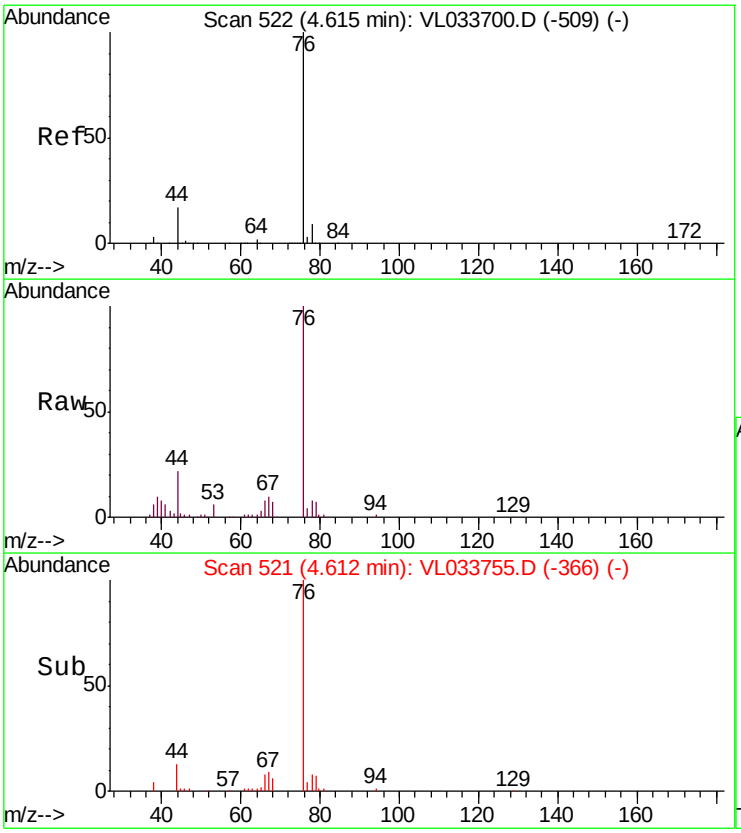
#26
Hexane
Concen: 1.875 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 57 Resp: 199192

Ion	Ratio	Lower	Upper
57	100		
41	95.7	69.8	104.6
43	237.6	181.8	272.6
56	54.9	42.1	63.1

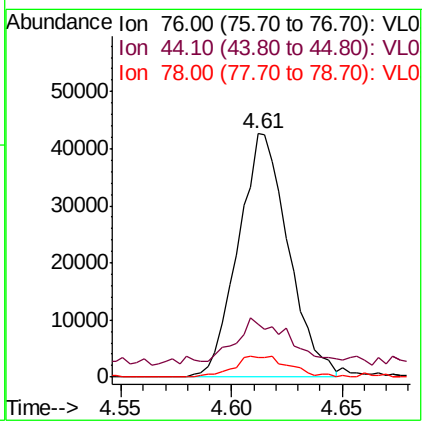


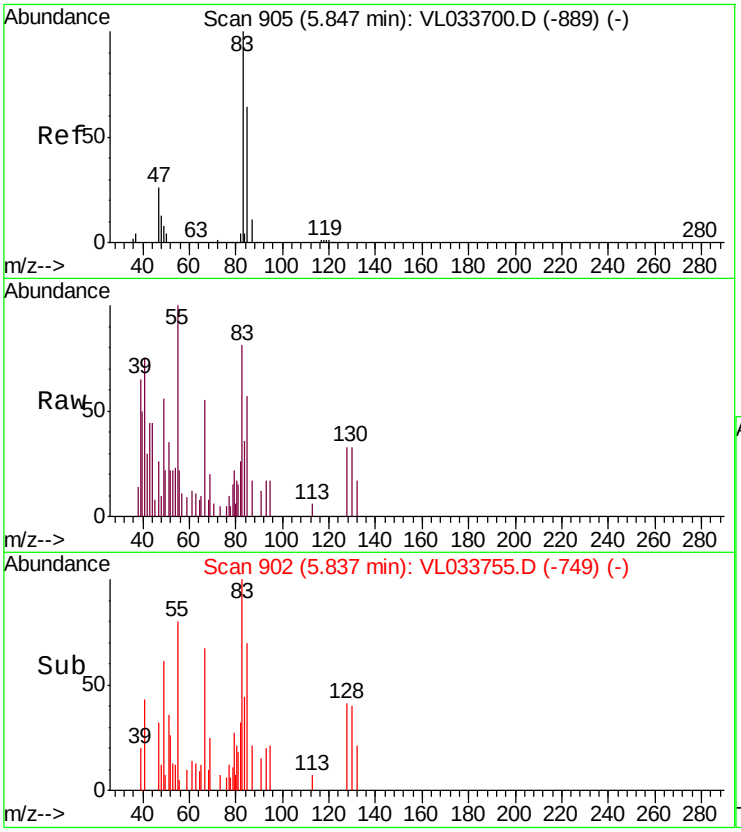


#27
Carbon Disulfide
Concen: 0.461 ppbv
RT: 4.61 min Scan# 521
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 76 Resp: 67201

Ion	Ratio	Lower	Upper
76	100		
44	24.2	13.8	20.8#
78	9.6	7.4	11.0



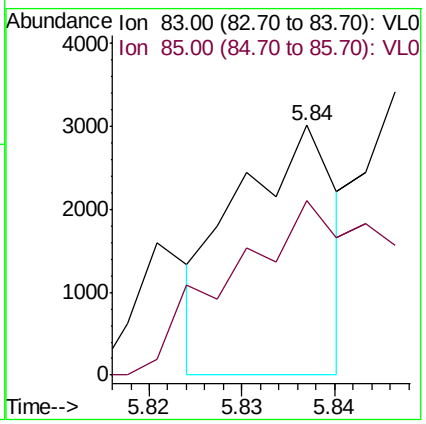


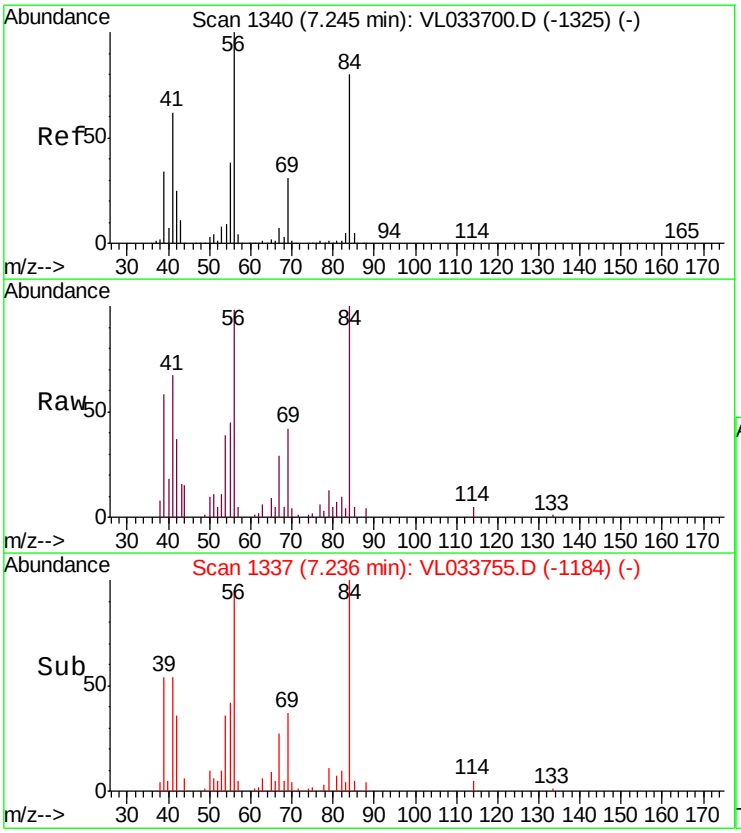
#29
Chloroform
Concen: 0.011 ppbv
RT: 5.84 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 83 Resp: 2245

Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.5	77.3

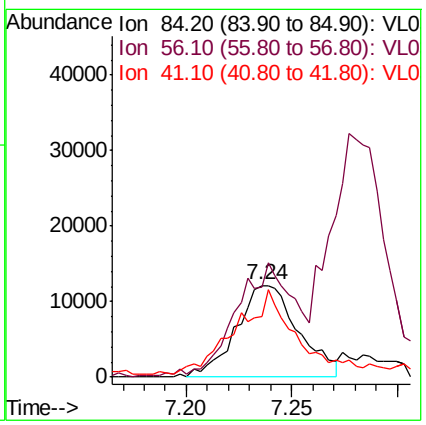


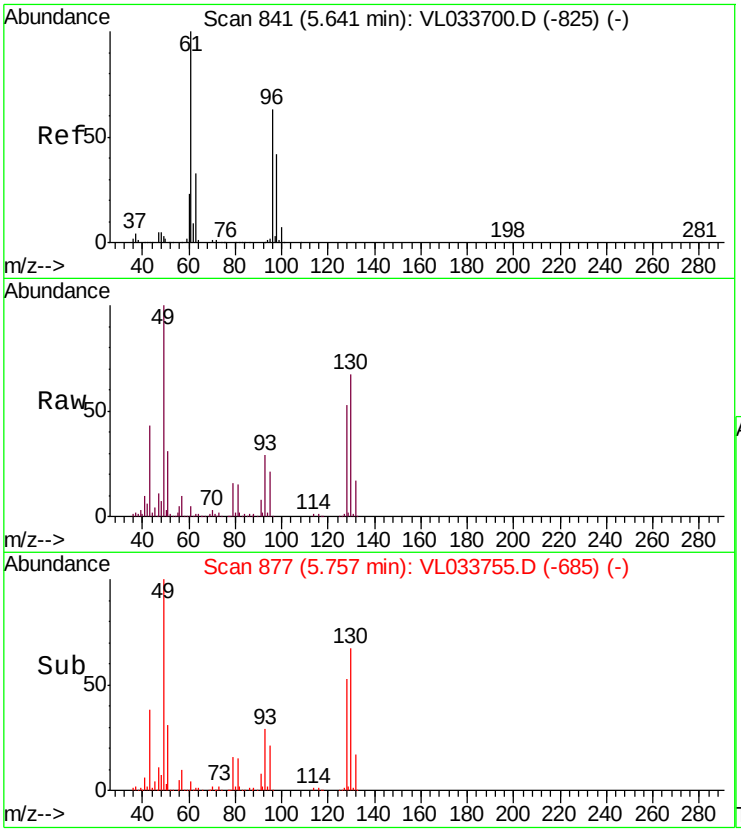


#30
Cyclohexane
Concen: 0.278 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 84 Resp: 24859

Ion	Ratio	Lower	Upper
84	100		
56	120.0	107.7	161.5
41	101.2	66.0	99.0#



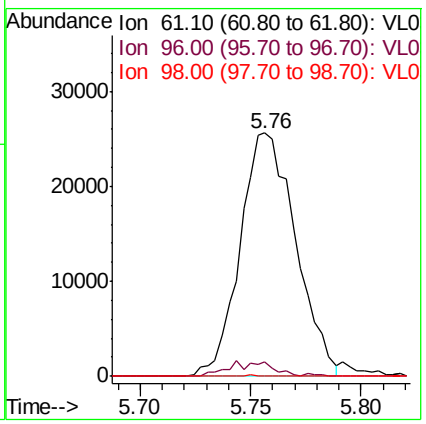


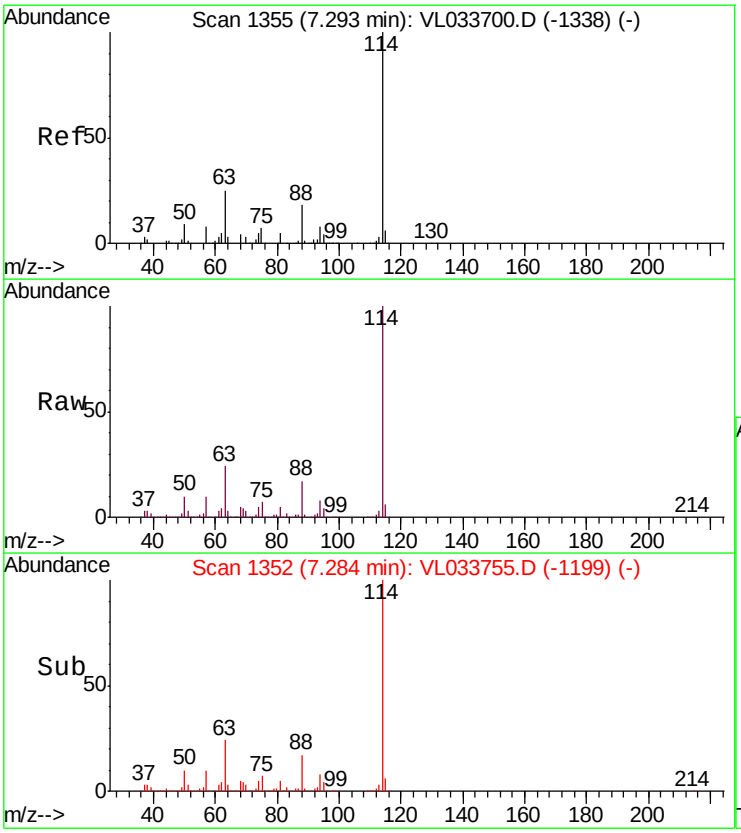
#31
cis-1,2-Dichloroethene
Concen: 0.424 ppbv
RT: 5.76 min Scan# 877
Delta R.T. 0.12 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 61 Resp: 44626

Ion	Ratio	Lower	Upper
61	100		
96	6.1	50.8	76.2#
98	0.0	33.3	49.9#

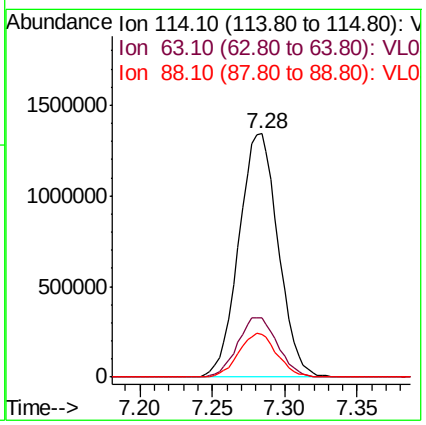


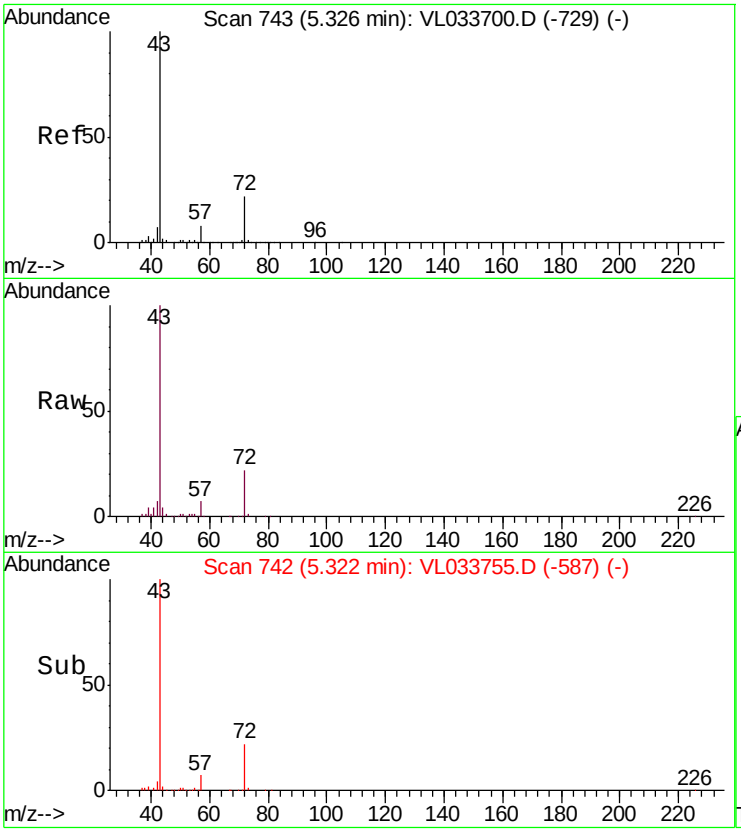


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:114 Resp: 2533754

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.9	31.3
88	17.7	14.3	21.5



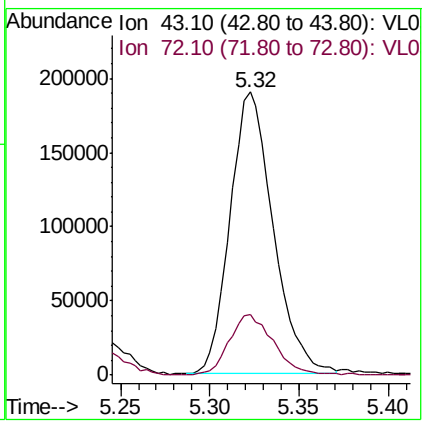


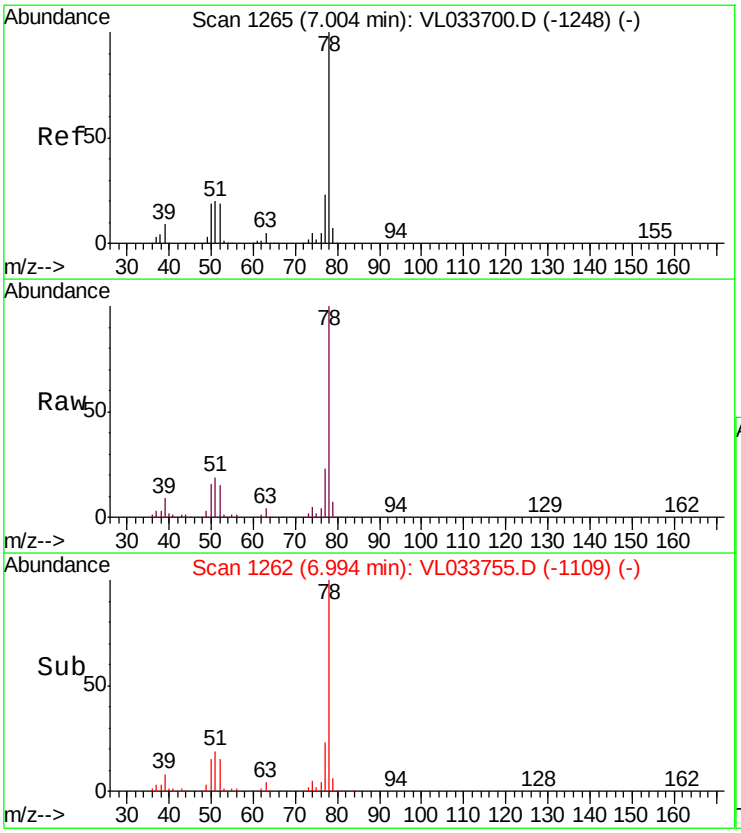
#34
2-Butanone
Concen: 2.035 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 43 Resp: 319671

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.8	26.6

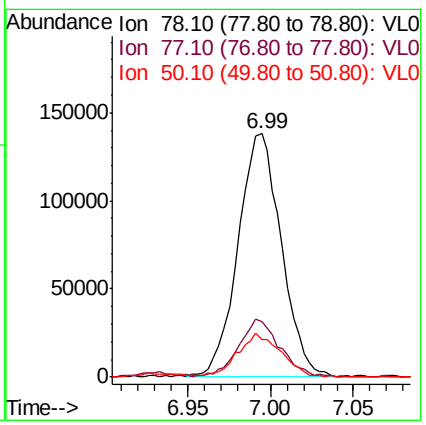


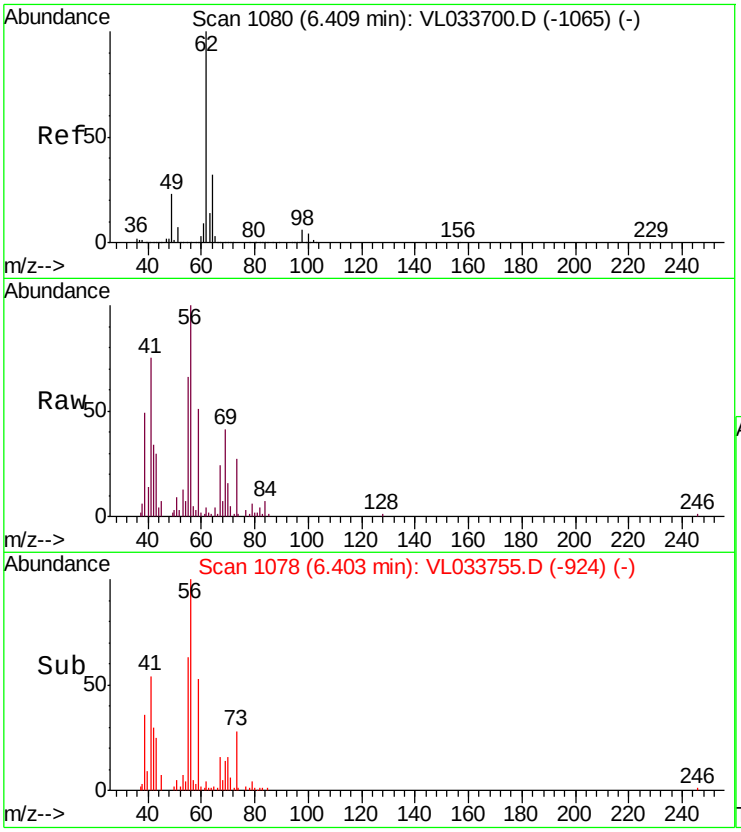


#36
Benzene
Concen: 1.087 ppbv
RT: 6.99 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 78 Resp: 250545

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.4	27.6
50	15.5	15.5	23.3#



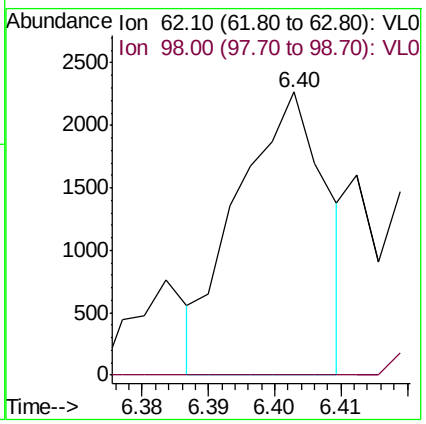


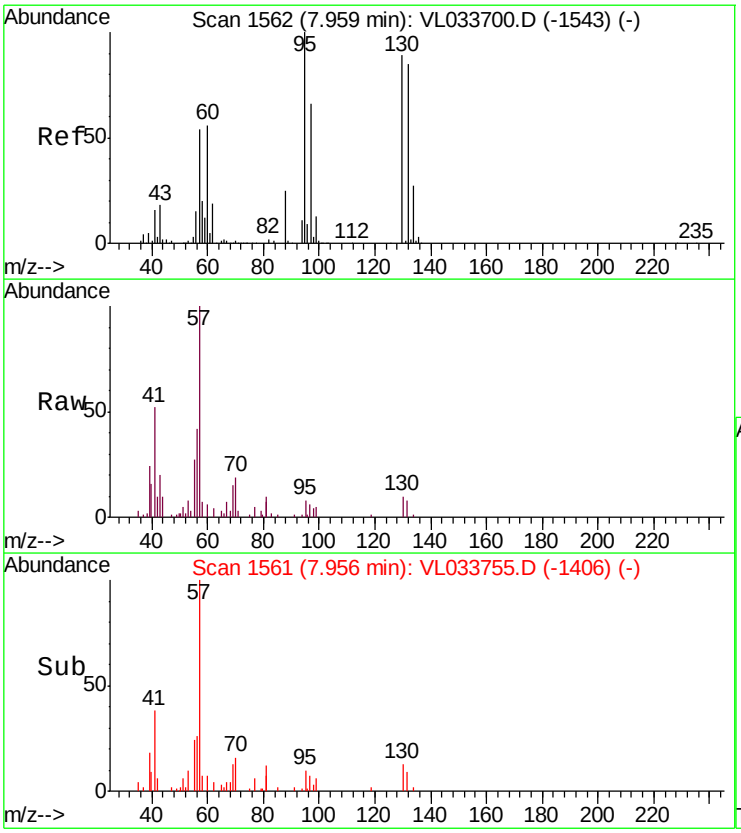
#37
1,2-Dichloroethane
Concen: 0.014 ppbv
RT: 6.40 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 62 Resp: 2100

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

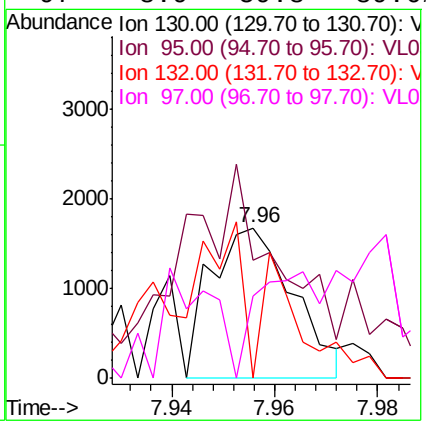


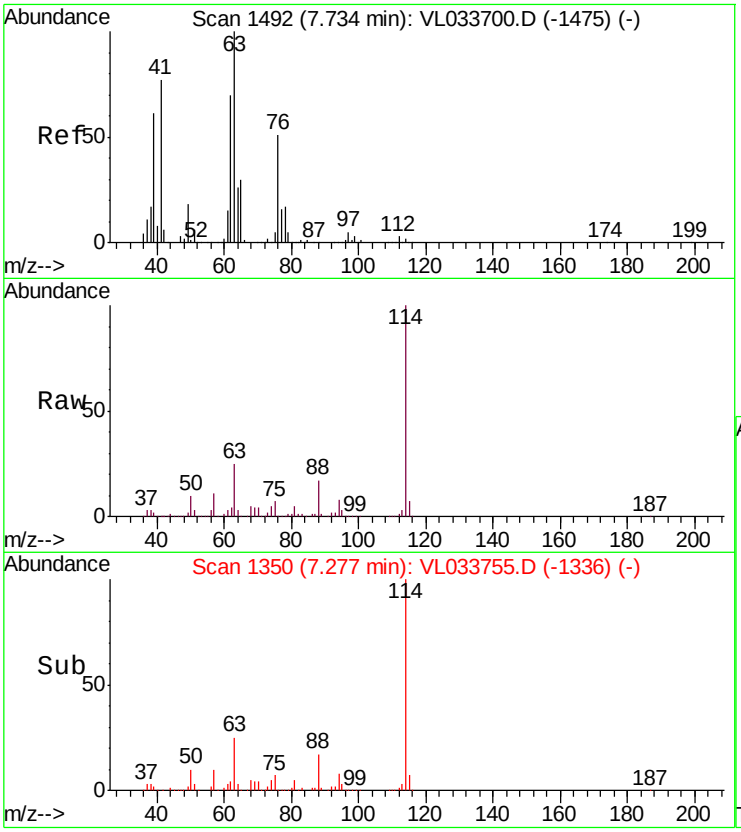


#38
Trichloroethene
Concen: 0.022 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:130 Resp: 1859

Ion	Ratio	Lower	Upper
130	100		
95	64.5	90.2	135.4#
132	0.0	76.4	114.6#
97	8.9	59.8	89.6#



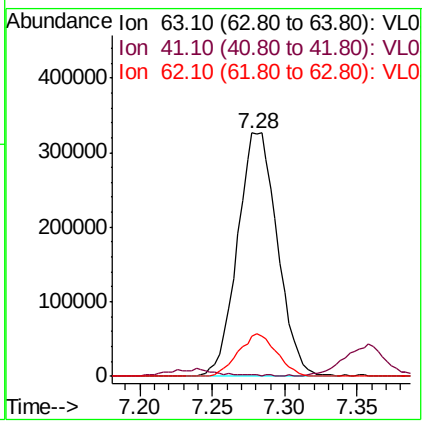


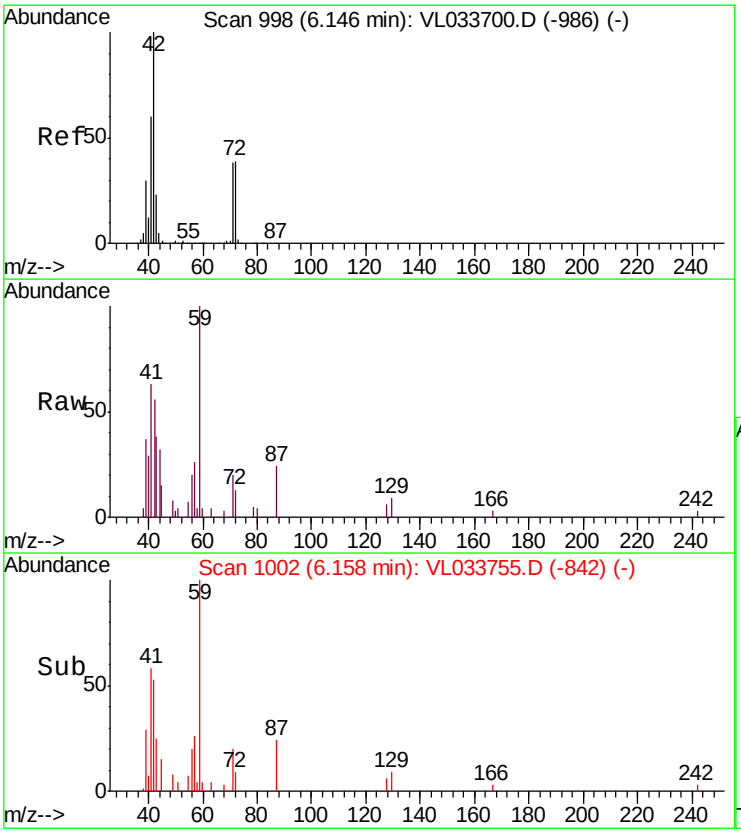
#39
1,2-Dichloropropane
Concen: 7.253 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.46 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 63 Resp: 623254

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.2	56.2	84.4#

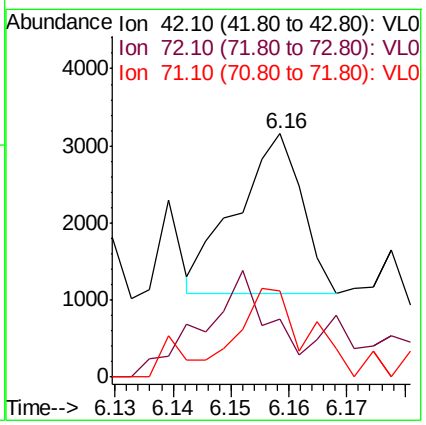


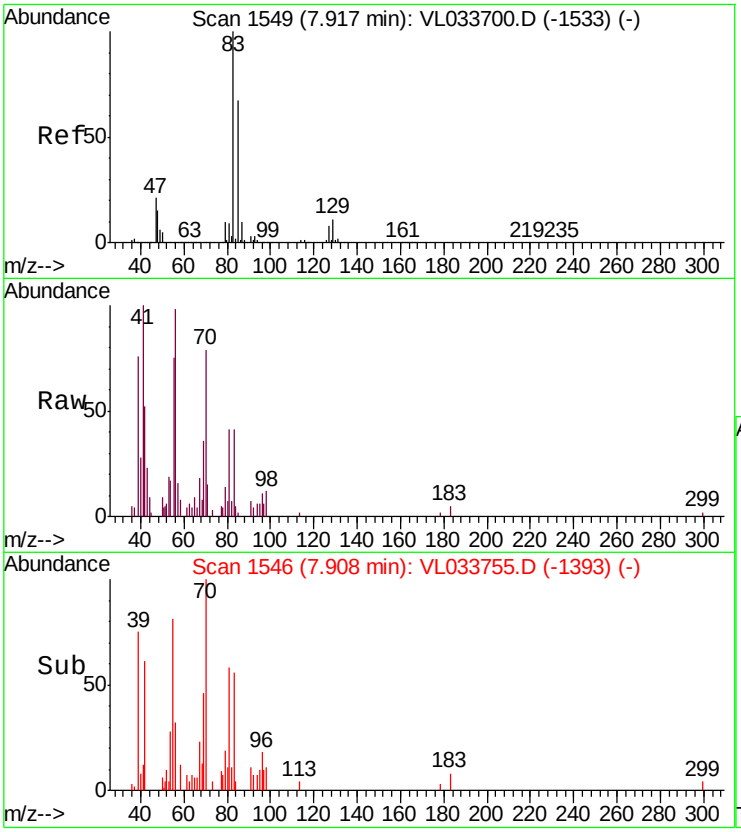


#41
Tetrahydrofuran
Concen: 0.018 ppbv
RT: 6.16 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 42 Resp: 1611

Ion	Ratio	Lower	Upper
42	100		
72	111.4	32.0	48.0#
71	82.9	30.4	45.6#



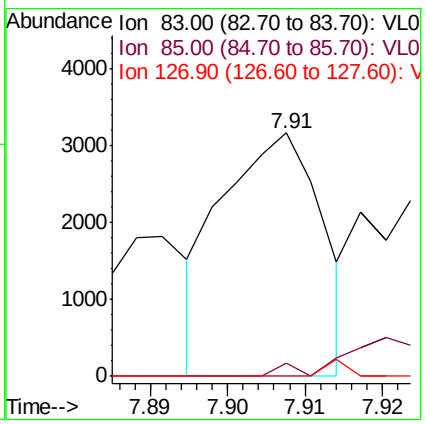


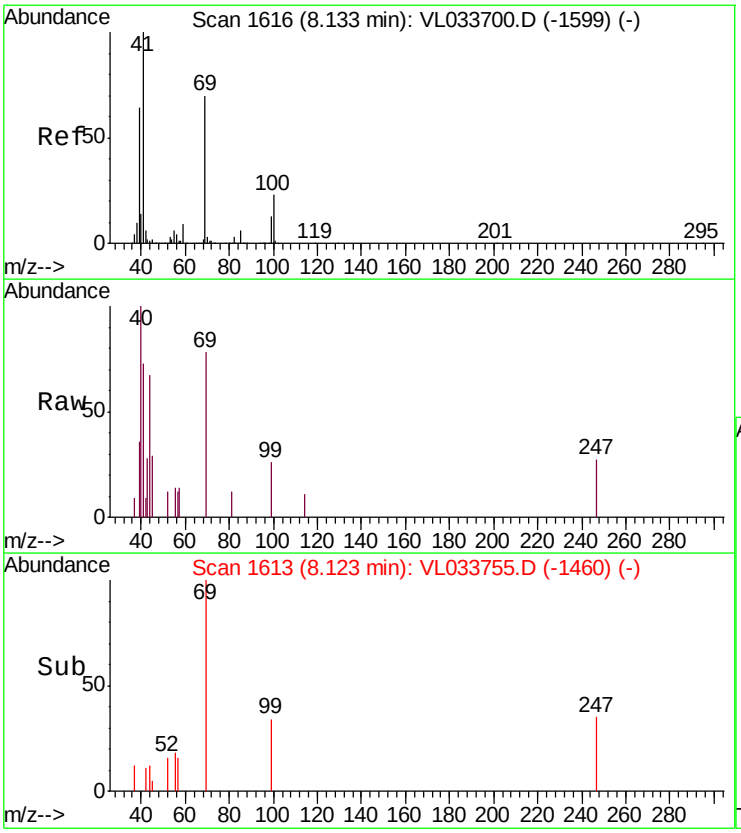
#42
Bromodichloromethane
Concen: 0.014 ppbv
RT: 7.91 min Scan# 1546
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 83 Resp: 2860

Ion	Ratio	Lower	Upper
83	100		
85	10.2	53.3	79.9#
127	0.0	6.5	9.7#

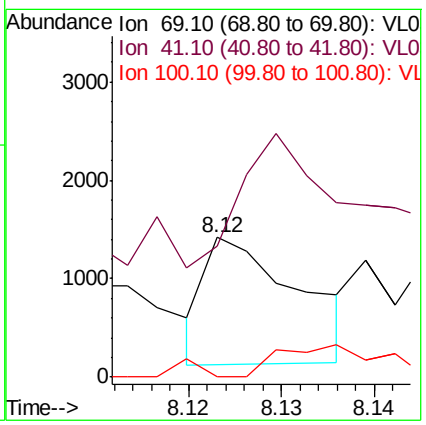


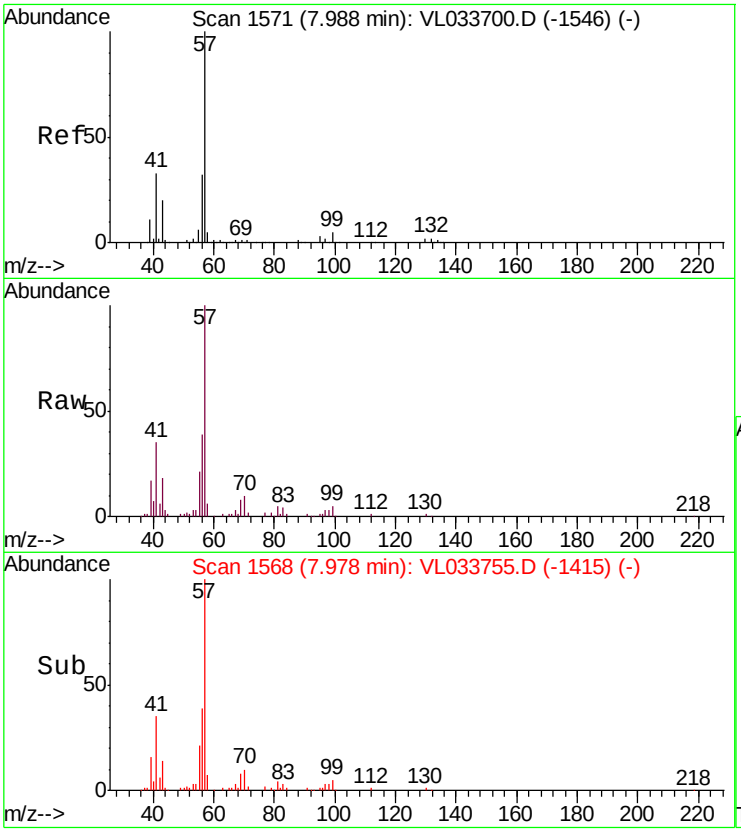


#43
Methyl Methacrylate
Concen: 0.011 ppbv
RT: 8.12 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 69 Resp: 903

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.3	174.5#
100	0.0	25.3	37.9#



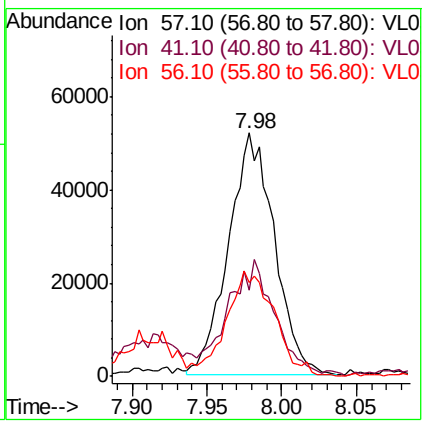


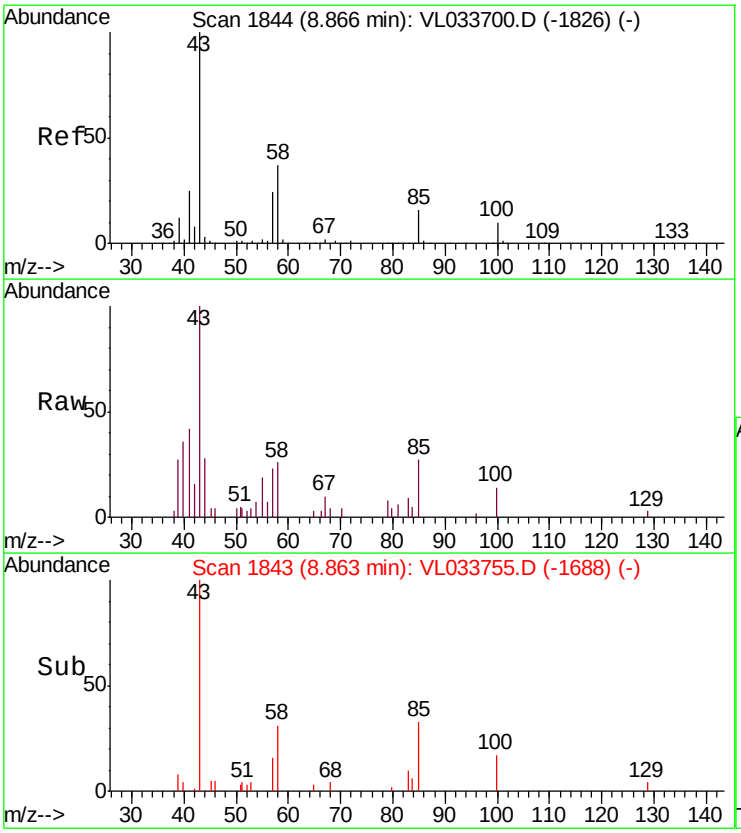
#44
2,2,4-Trimethylpentane
Concen: 0.285 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 57 Resp: 111135

Ion	Ratio	Lower	Upper
57	100		
41	49.1	25.4	38.0#
56	45.3	24.7	37.1#

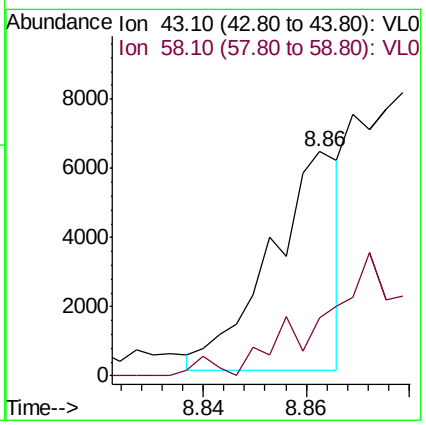


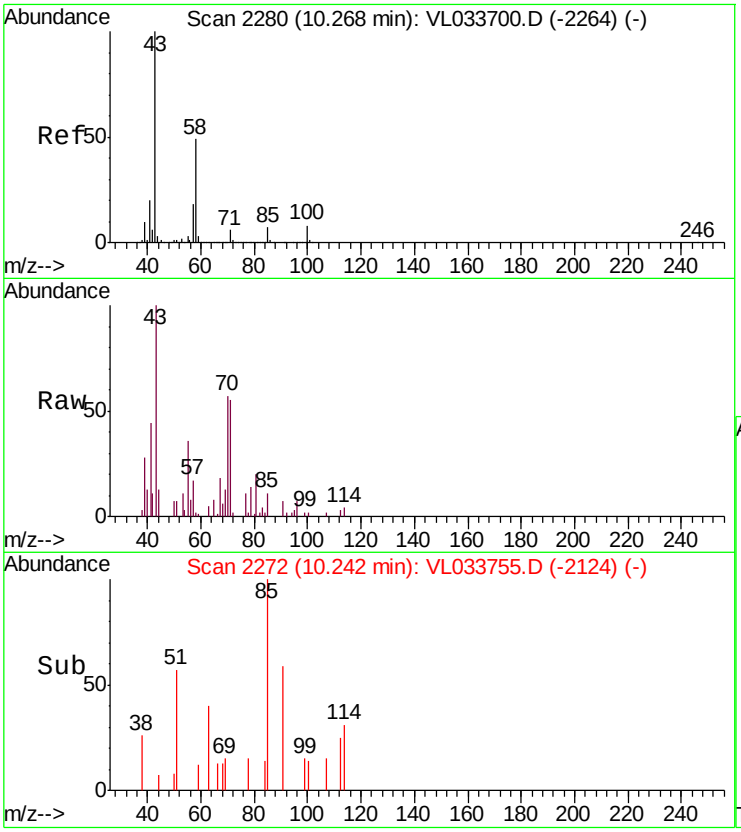


#50
4-Methyl-2-Pentanone
Concen: 0.024 ppbv
RT: 8.86 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 43 Resp: 5848

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	43.0#



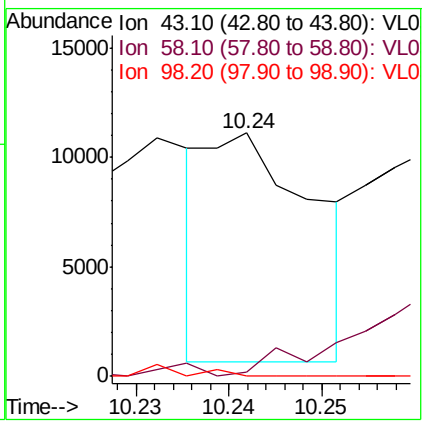


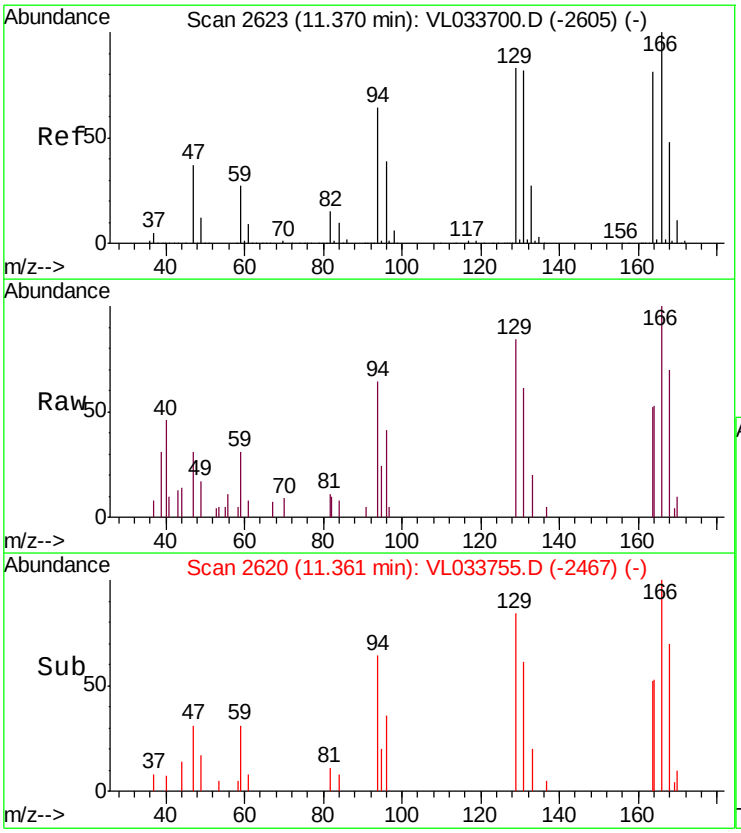
#51
2-Hexanone
Concen: 0.044 ppbv
RT: 10.24 min Scan# 2272
Delta R.T. -0.03 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 43 Resp: 8307

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.7	58.1#
98	0.0	0.2	0.4#

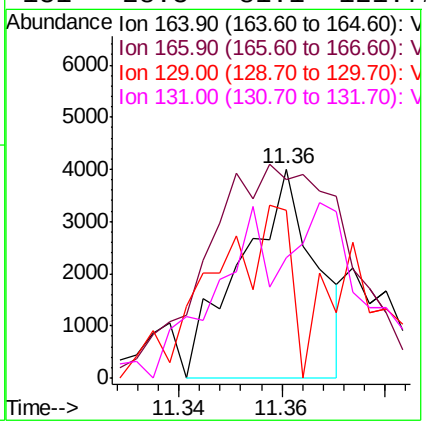


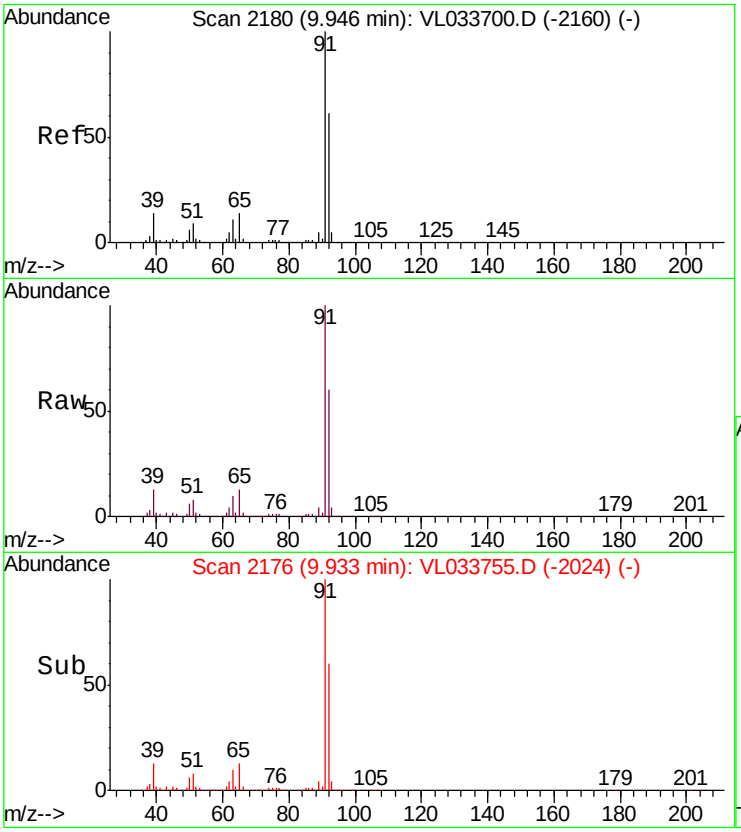


#52
Tetrachloroethene
Concen: 0.049 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:164 Resp: 4002

Ion	Ratio	Lower	Upper
164	100		
166	65.2	98.9	148.3#
129	48.6	81.8	122.6#
131	28.3	81.1	121.7#



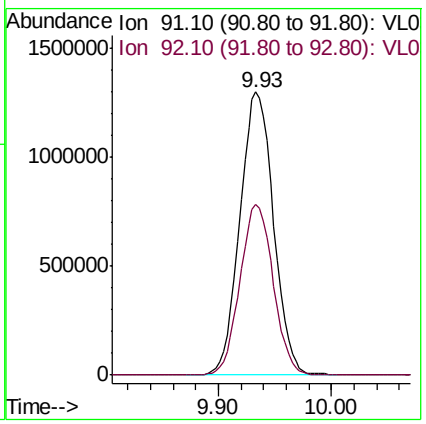


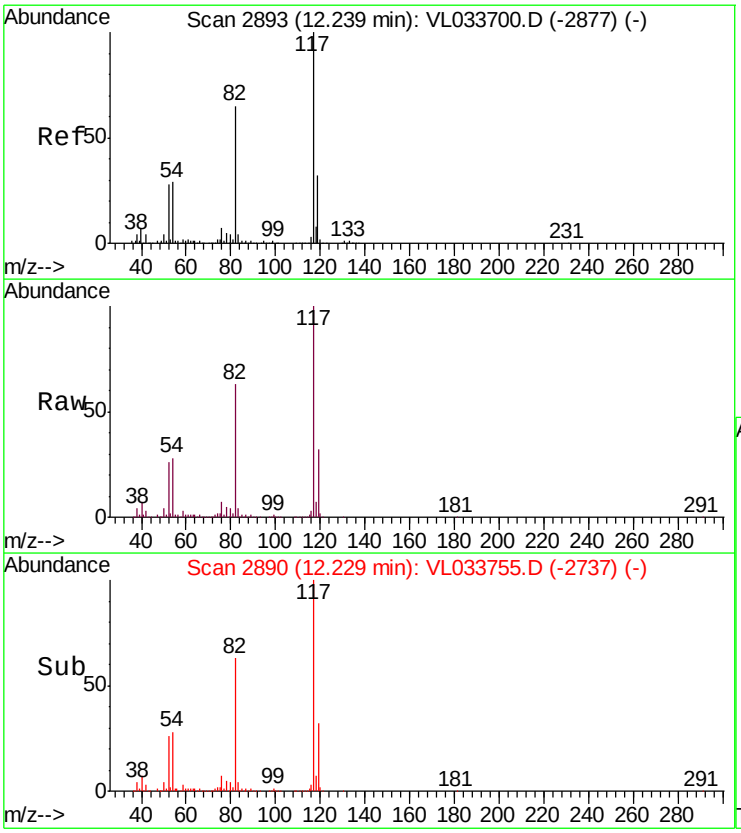
#53
Toluene
Concen: 10.777 ppbv
RT: 9.93 min Scan# 2176
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 91 Resp: 2679080

Ion	Ratio	Lower	Upper
91	100		
92	59.9	47.6	71.4

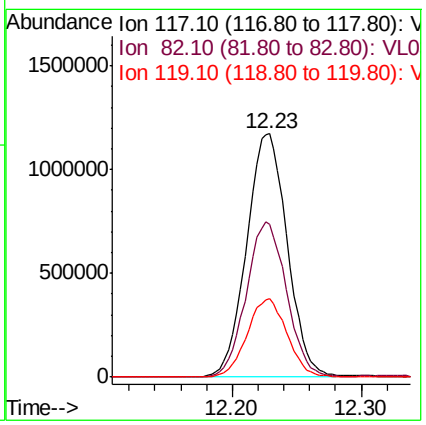


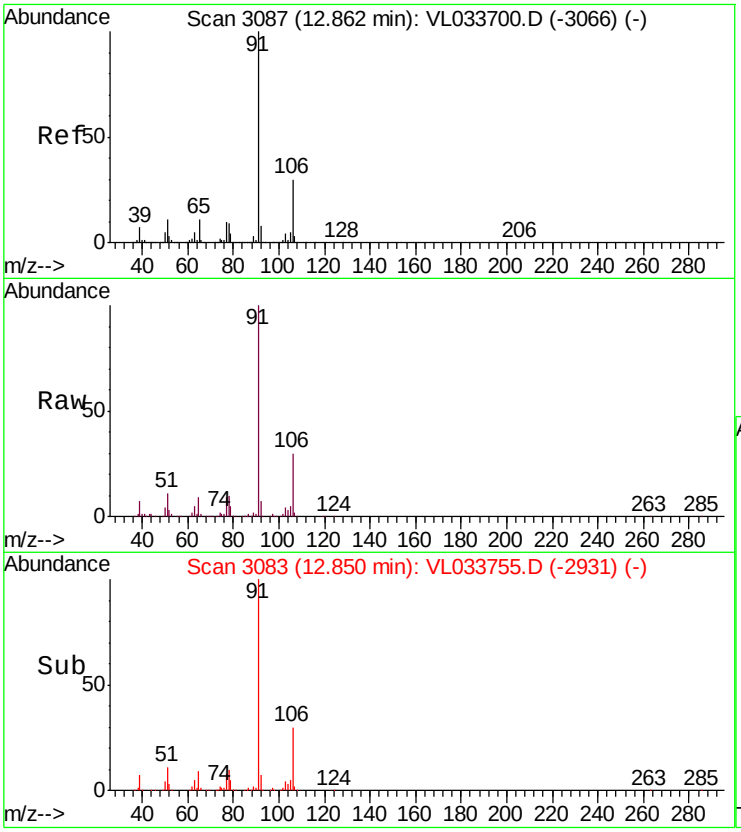


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:117 Resp: 2572720

Ion	Ratio	Lower	Upper
117	100		
82	63.3	49.4	74.0
119	31.7	24.9	37.3



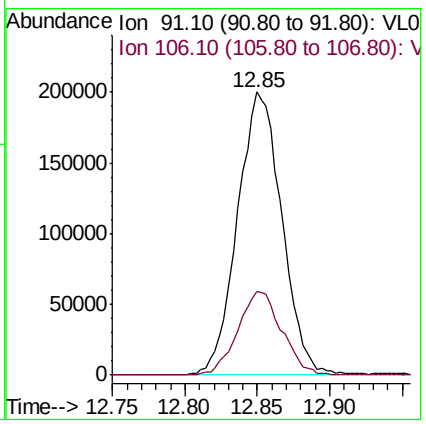


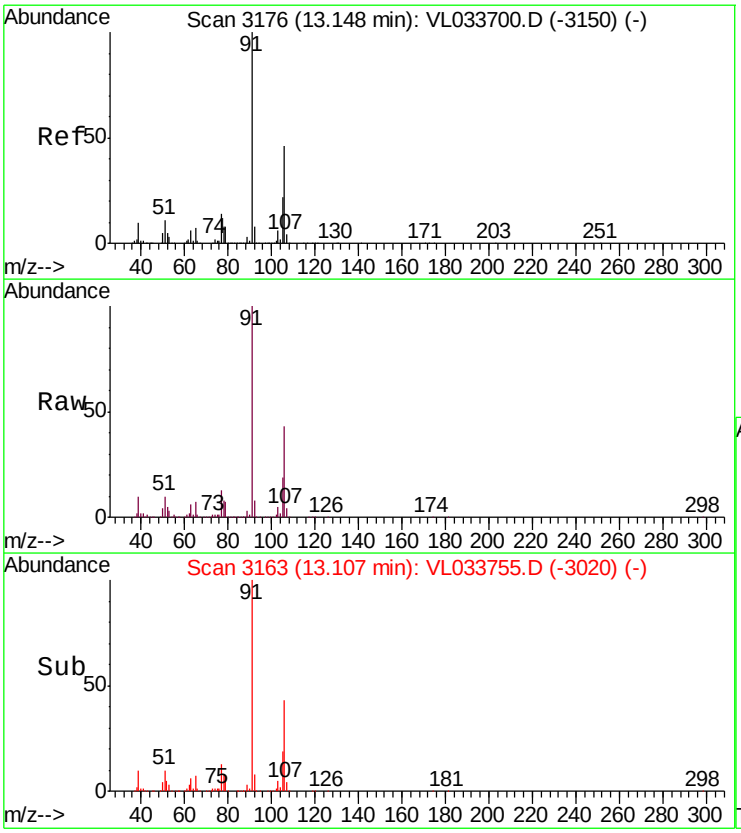
#58
Ethyl Benzene
Concen: 1.248 ppbv
RT: 12.85 min Scan# 3083
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 91 Resp: 425330

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.9	35.9

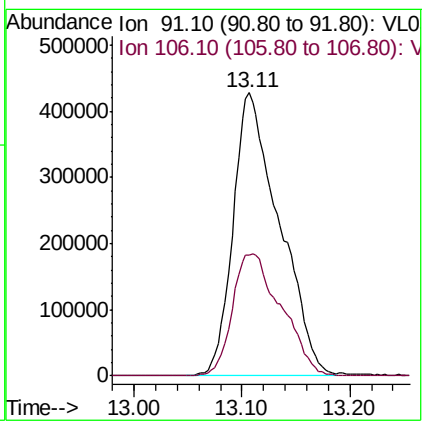


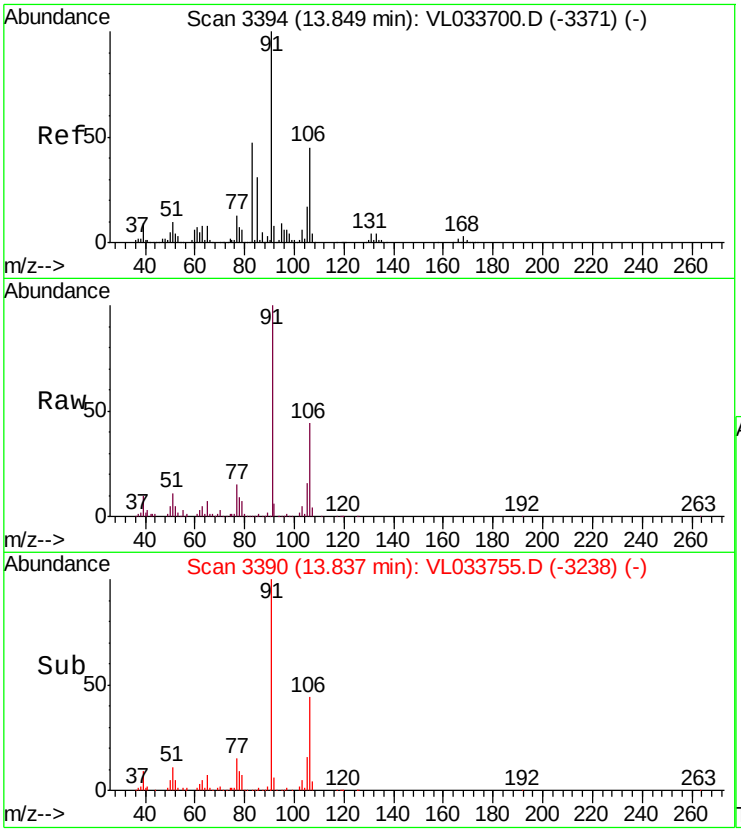


#59
m/p-Xylene
Concen: 4.273 ppbv
RT: 13.11 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 91 Resp: 1272492

Ion	Ratio	Lower	Upper
91	100		
106	45.8	35.8	53.6



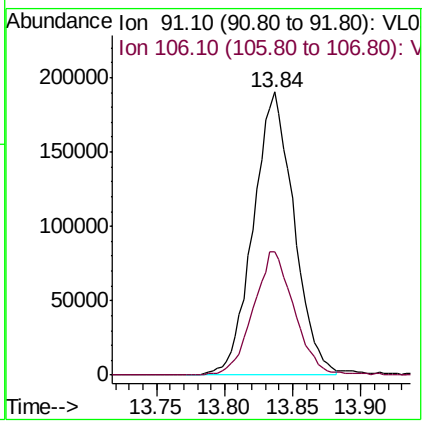


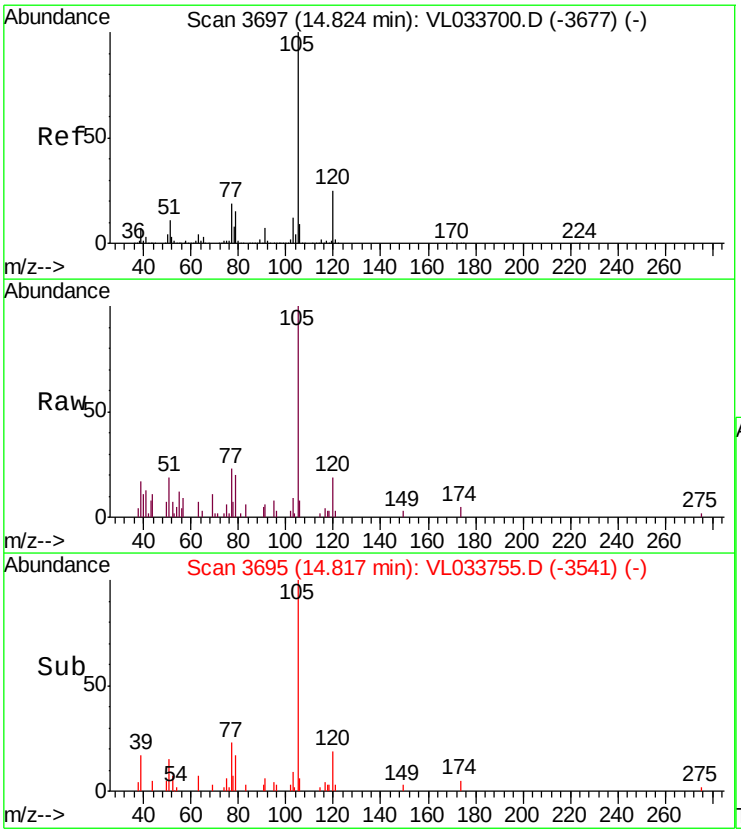
#60
o-Xylene
Concen: 1.313 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-25

Tgt Ion: 91 Resp: 394062

Ion	Ratio	Lower	Upper
91	100		
106	44.1	21.6	64.8

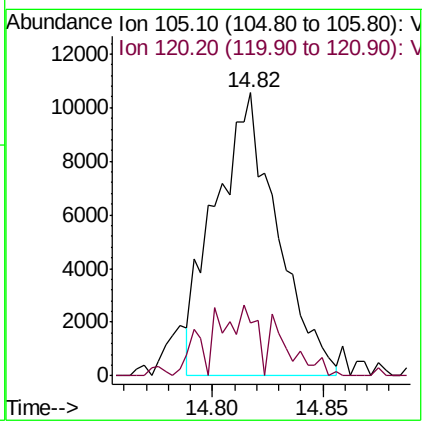


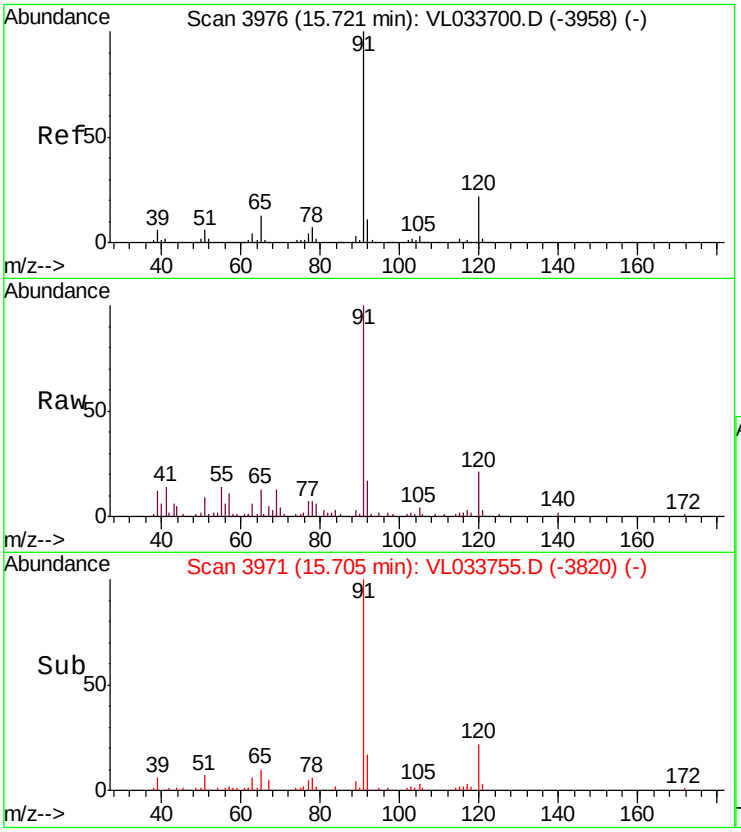


#62
Isopropylbenzene
Concen: 0.051 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:105 Resp: 20547

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.1	30.1



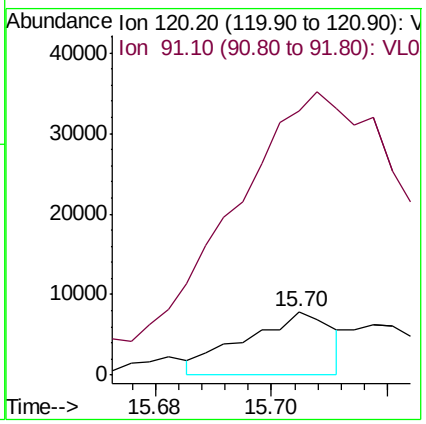


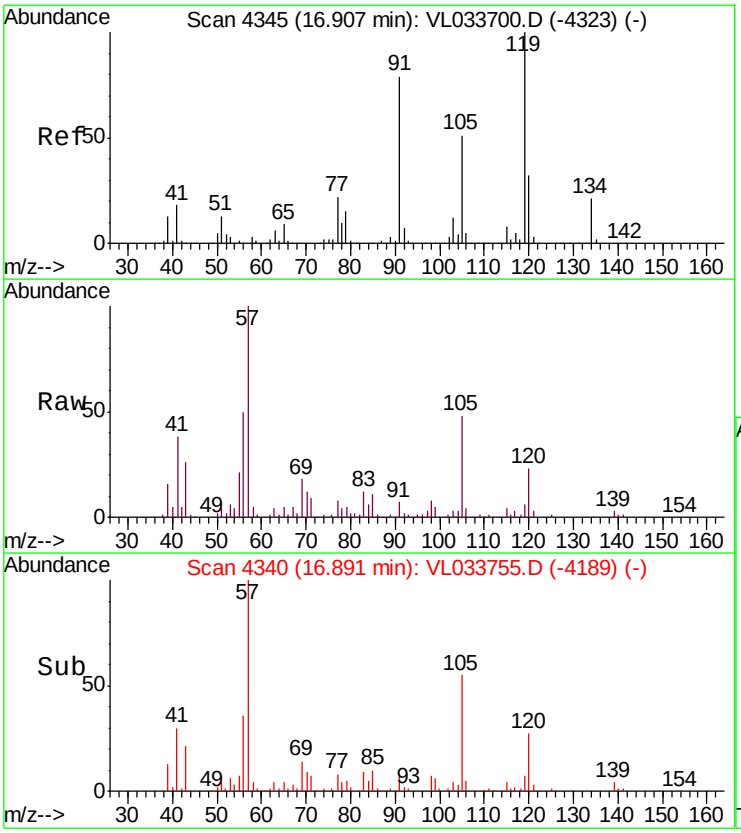
#64
n-propylbenzene
Concen: 0.078 ppbv
RT: 15.70 min Scan# 3971
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion:120 Resp: 8112

Ion	Ratio	Lower	Upper
120	100		
91	1138.0	379.1	568.7#

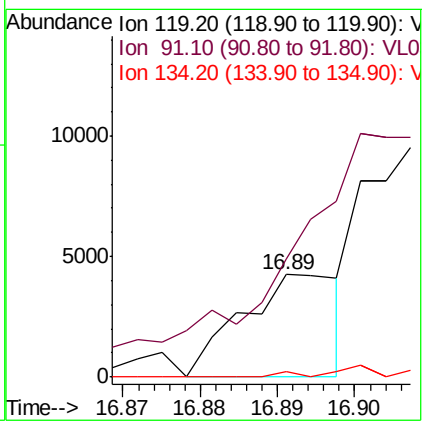


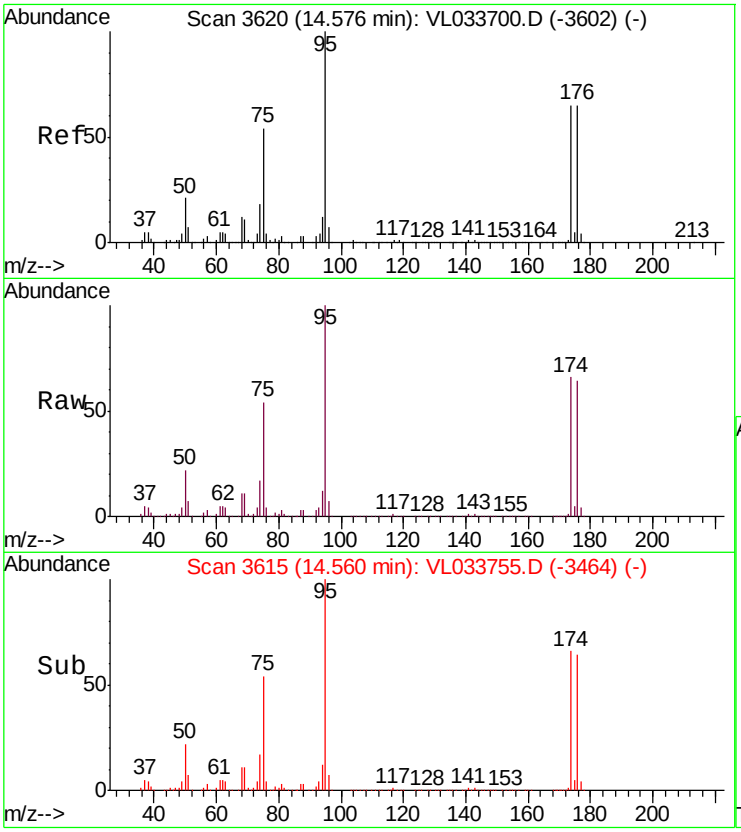


#65
tert-Butylbenzene
Concen: 0.010 ppbv
RT: 16.89 min Scan# 4340
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:119 Resp: 3756

Ion	Ratio	Lower	Upper
119	100		
91	0.0	65.3	97.9#
134	0.0	15.7	23.5#



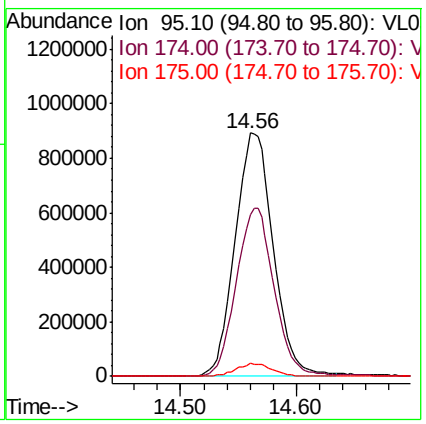


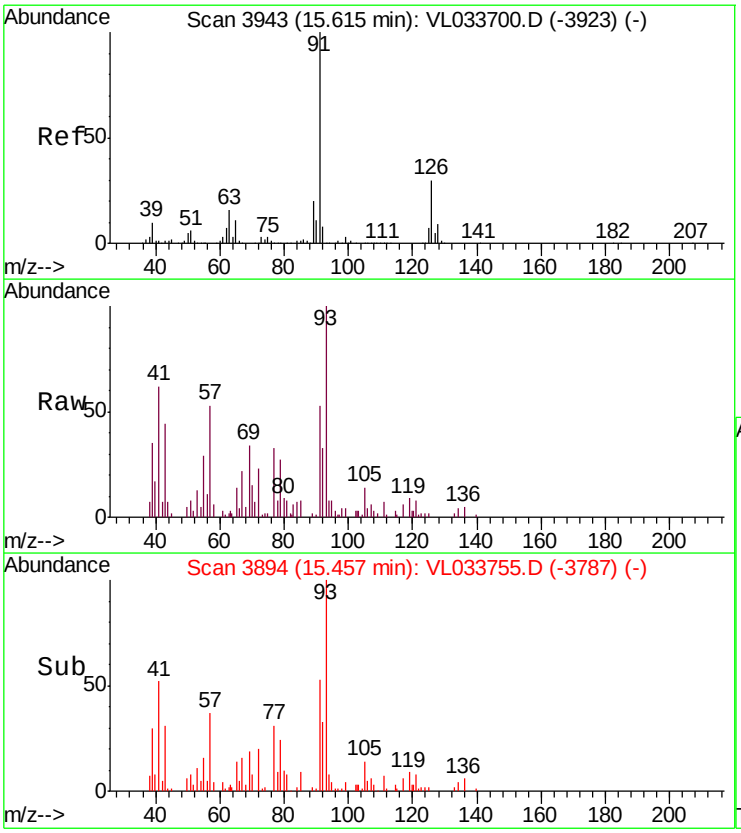
#68
1-Bromo-4-Fluorobenzene
Concen: 9.785 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion: 95 Resp: 2040820

Ion	Ratio	Lower	Upper
95	100		
174	69.3	53.9	80.9
175	5.1	3.8	5.8

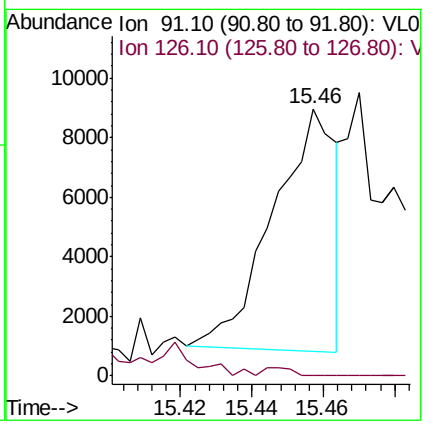


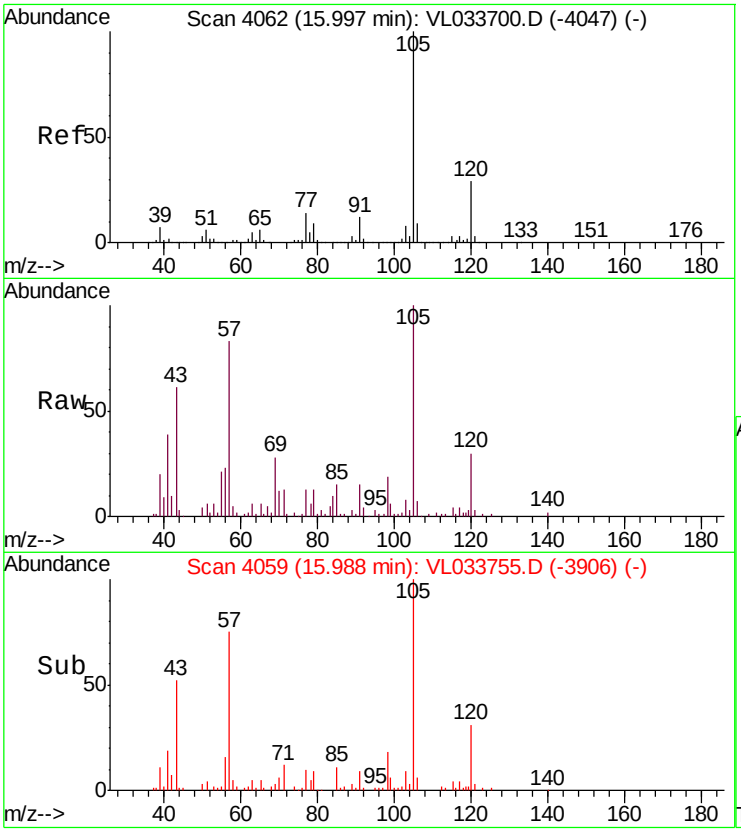


#71
2-Chlorotoluene
Concen: 0.033 ppbv
RT: 15.46 min Scan# 3894
Delta R.T. -0.16 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion: 91 Resp: 9855

Ion	Ratio	Lower	Upper
91	100		
126	20.5	12.0	47.8



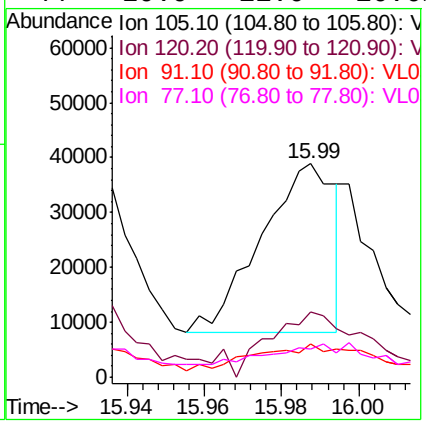


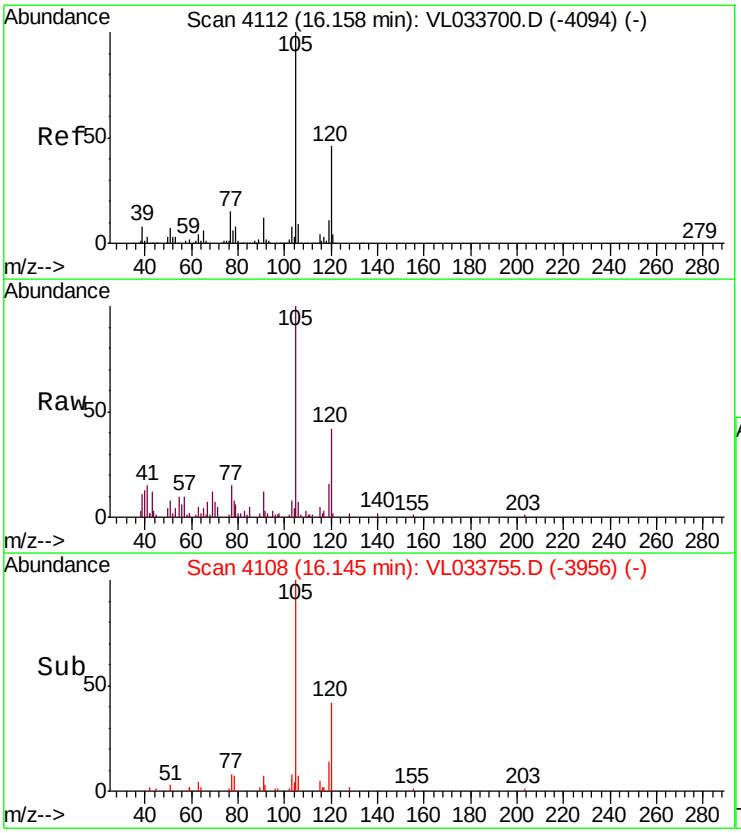
#72
4-Ethyltoluene
Concen: 0.119 ppbv
RT: 15.99 min Scan# 4059
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion:105 Resp: 40898

Ion	Ratio	Lower	Upper
105	100		
120	52.1	23.1	34.7#
91	37.7	10.4	15.6#
77	29.9	11.0	16.6#

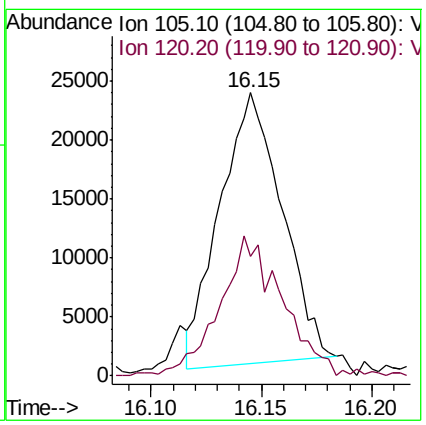


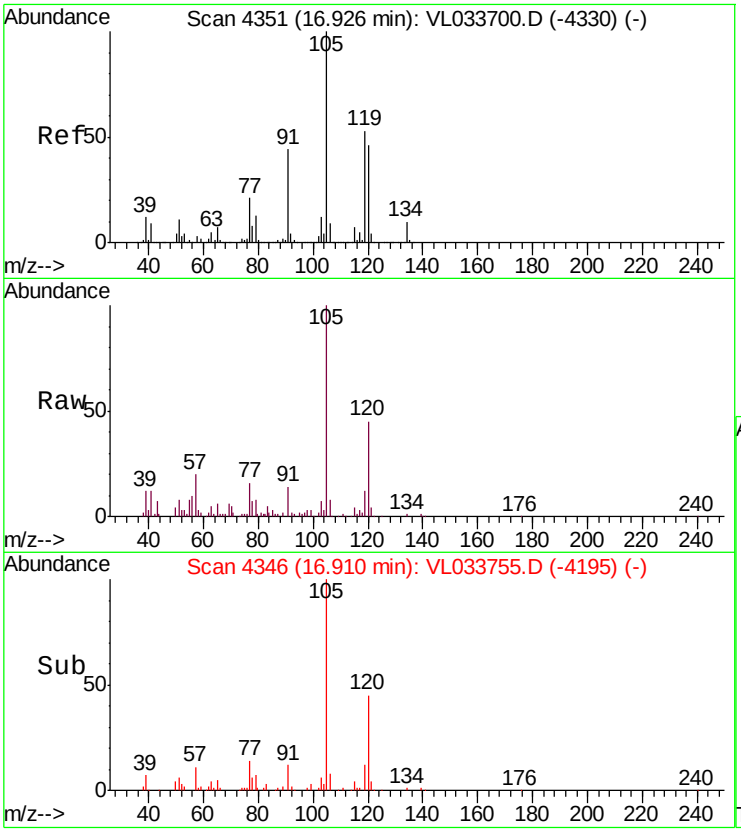


#73
1,3,5-Trimethylbenzene
Concen: 0.134 ppbv
RT: 16.15 min Scan# 4108
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:105 Resp: 44788

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.0	55.4



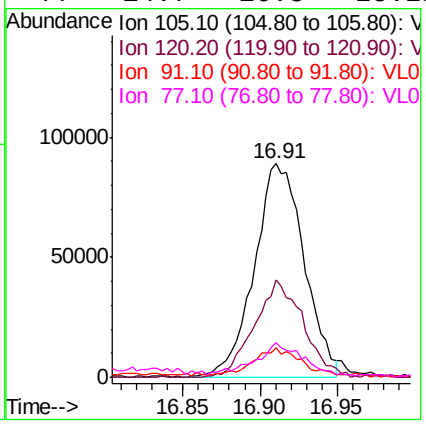


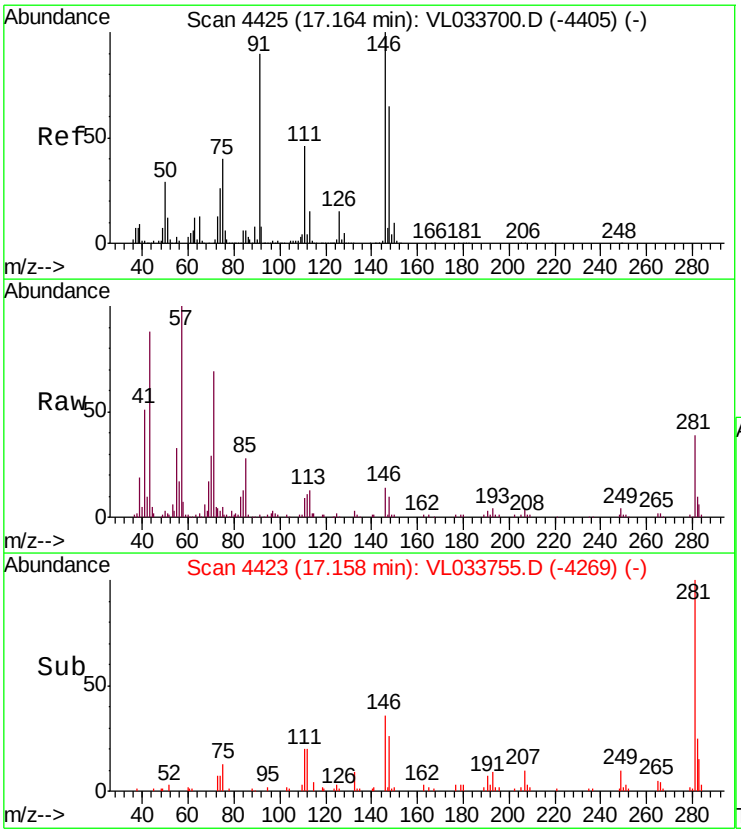
#74
1,2,4-Trimethylbenzene
Concen: 0.547 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.02 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion:105 Resp: 199445

Ion	Ratio	Lower	Upper
105	100		
120	45.2	36.8	55.2
91	12.7	35.4	53.0#
77	14.7	16.8	25.2#

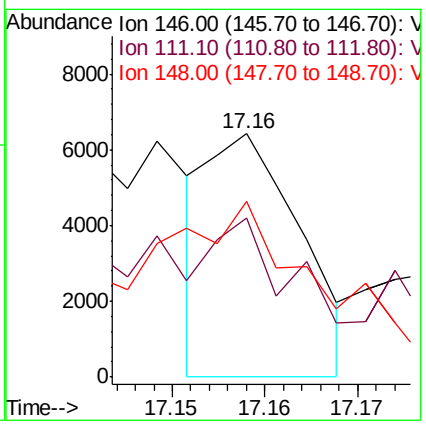


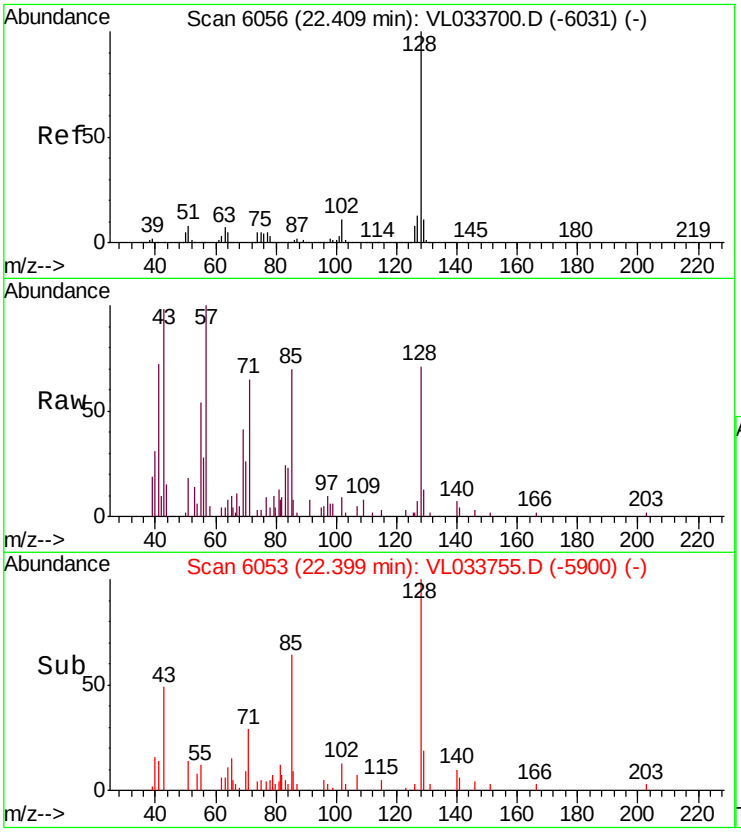


#75
1,3-Dichlorobenzene
Concen: 0.020 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:146 Resp: 4435

Ion	Ratio	Lower	Upper
146	100		
111	307.0	22.9	68.8#
148	234.9	32.0	96.2#



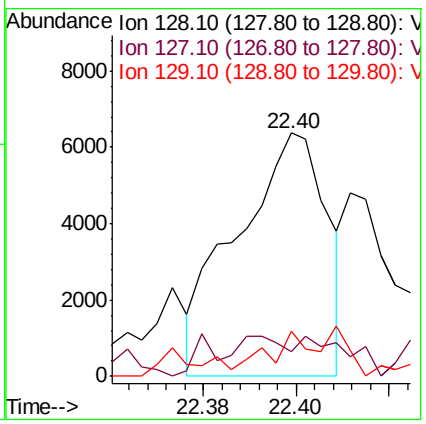


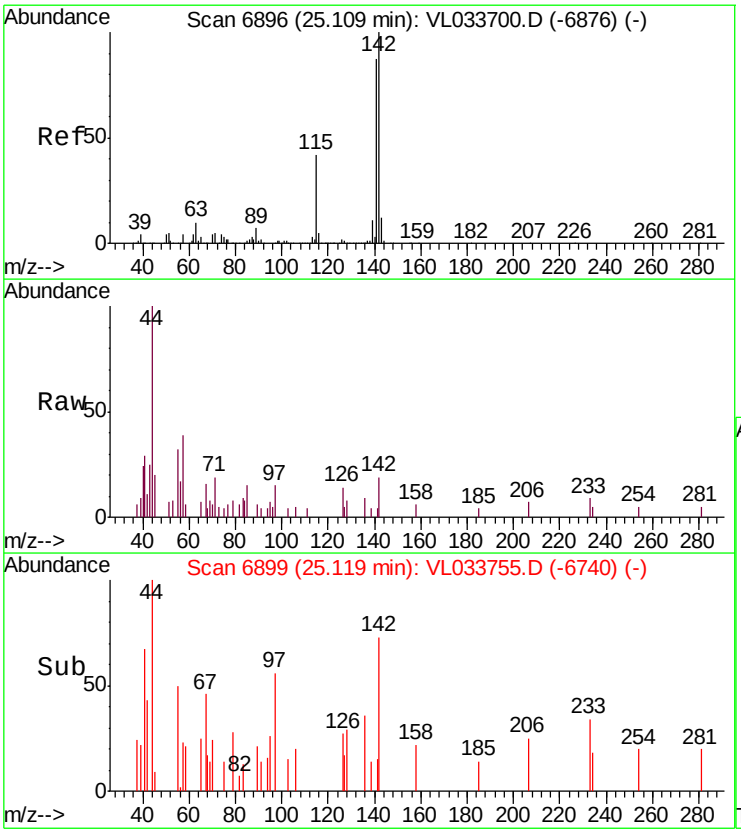
#79
Naphthalene
Concen: 0.025 ppbv
RT: 22.40 min Scan# 6053
Delta R.T. -0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-25

Tgt Ion:128 Resp: 8602

Ion	Ratio	Lower	Upper
128	100		
127	8.1	10.6	16.0#
129	14.4	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.010 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.01 min
Lab File: VL033755.D
Acq: 22 May 2019 22:07

Tgt Ion:142 Resp: 1333

Ion	Ratio	Lower	Upper
142	100		
141	74.5	67.2	100.8
115	24.3	34.1	51.1#