Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032735.D
Acq On : 8 Nov 2018 3:00
Operator : SY/AP
Sample : J5823-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-02

Quant Time: Nov 08 10:59:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1352826	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	3497561	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3321714	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2545385	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	35470	0.257	ppbv		91
3) Chlorodifluoromethane	3.02	51	53446	0.505	ppbv	#	84
4) Chloromethane	3.18	50	52734	0.892	ppbv		97
9) Propene	3.04	41	175224	4.025	ppbv		90
10) Heptane	8.26	43	171924	1.025	ppbv		94
11) Trichlorofluoromethane	4.01	101	42455	0.236	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	5668	0.038	ppbv	#	17
13) Ethanol	3.68	45	7033413	565.206	ppbv		98
15) Acetone	3.90	43	11587451	92.757	ppbv		96
16) 1,3-Butadiene	3.36	39	31577	0.687	ppbv		88
17) tert-Butyl alcohol	4.39	59	73290	1.995	ppbv	#	100
19) Isopropyl Alcohol	4.05	45	717320	8.063	ppbv	#	1
20) Methylene Chloride	4.42	84	175949	2.775	ppbv		95
21) Allyl Chloride	4.44	41	66261	0.646	ppbv	#	39
23) Vinyl Acetate	5.15	43	290665	1.313	ppbv	#	1
25) Ethyl Acetate	5.78	43	477845	1.662	ppbv	#	92
26) Hexane	5.79	57	382044	2.808	ppbv	#	62
27) Carbon Disulfide	4.63	76	6131	0.037	ppbv	#	1
29) Chloroform	5.86	83	9376	0.043	ppbv		99
30) Cyclohexane	7.26	84	69575	0.646	ppbv		89
31) cis-1,2-Dichloroethene	5.78	61	28552	0.226	ppbv	#	33
34) 2-Butanone	5.34	43	206663	1.102	ppbv		99
35) Carbon Tetrachloride	7.15	117	21541	0.087	ppbv		93
36) Benzene	7.01	78	920920	3.242	ppbv		98
39) 1,2-Dichloropropane	7.30	63	874463	7.973	ppbv	#	25
41) Tetrahydrofuran	6.16	42	10257	0.098	ppbv	#	36
42) Bromodichloromethane	7.93	83	10526	0.043	ppbv	#	30
44) 2,2,4-Trimethylpentane	8.00	57	1258347	2.595	ppbv		93
50) 4-Methyl-2-Pentanone	8.89	43	8907	0.032	ppbv	#	38
52) Tetrachloroethene	11.38	164	7917	0.080	ppbv		94
53) Toluene	9.96	91	11403322	35.026	ppbv		97
58) Ethyl Benzene	12.87	91	739224	1.916	ppbv		98
59) m/p-Xylene	13.13	91	2404143	6.996	ppbv		100
60) o-Xylene	13.86	91	879989	2.655	ppbv		98
61) Styrene	13.70	104	25921	0.117	ppbv	#	14
62) Isopropylbenzene	14.84	105	22602	0.048	ppbv	#	80
64) n-propylbenzene	15.73	120	10503	0.090	ppbv	#	1
65) tert-Butylbenzene	16.93	119	47743	0.119	ppbv	#	1
69) p-Isopropyltoluene	17.82	119	21376	0.047	ppbv	#	55
71) 2-Chlorotoluene	15.49	91	28822	0.086	ppbv	#	46
72) 4-Ethyltoluene	16.01	105	180358	0.511	ppbv	#	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032735.D
Acq On : 8 Nov 2018 3:00
Operator : SY/AP
Sample : J5823-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-02

Quant Time: Nov 08 10:59:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	16.16	105	167242	0.486	ppbv		92
74) 1,2,4-Trimethylbenzene	16.94	105	684308	1.863	ppbv	#	77
75) 1,3-Dichlorobenzene	17.18	146	63750	0.302	ppbv	#	12
79) Naphthalene	22.43	128	10077	0.044	ppbv	#	77

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

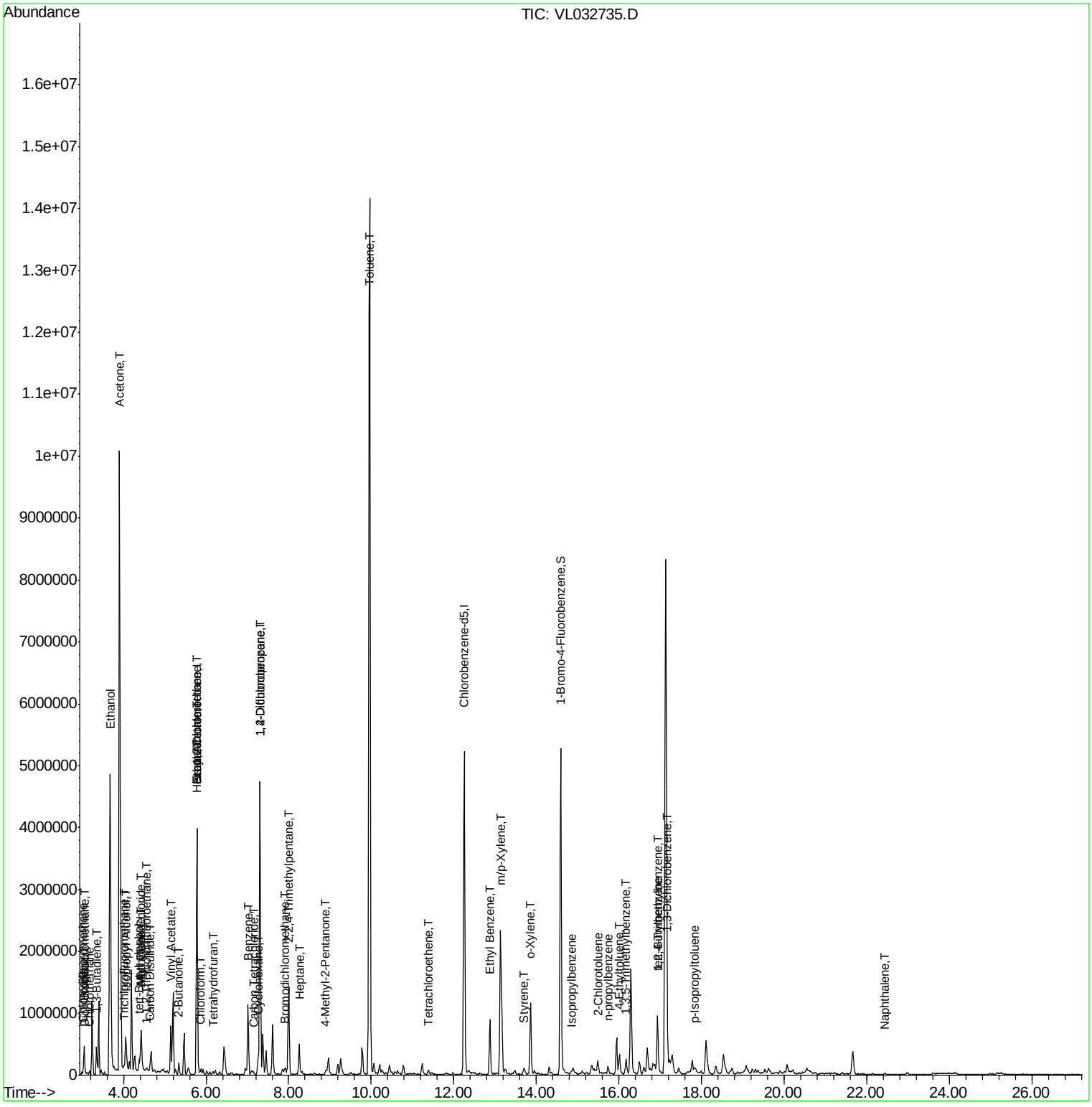
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

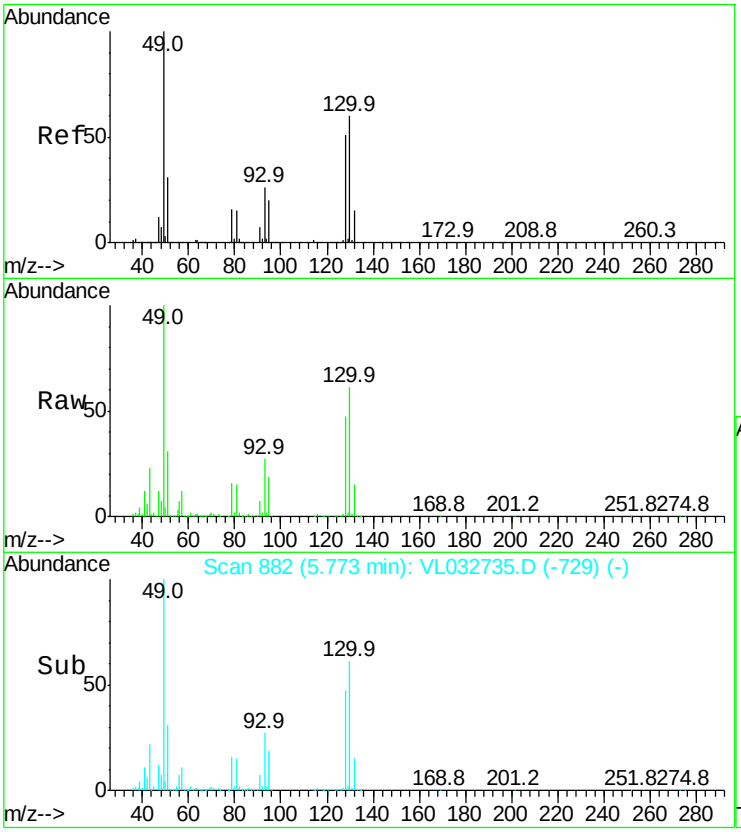
Quantitation Report (Not Reviewed)

Data File : VL032735.D
Acq On : 8 Nov 2018 3:00
Operator : SY/AP
Sample : J5823-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-02

Quant Time: Nov 08 10:59:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration



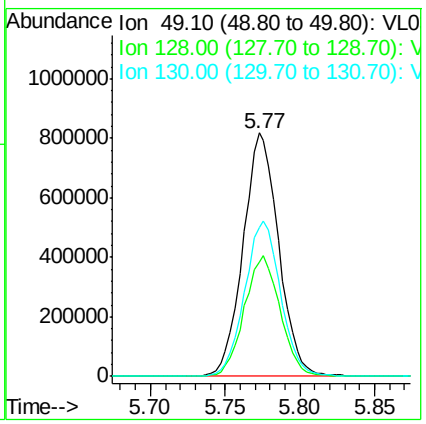


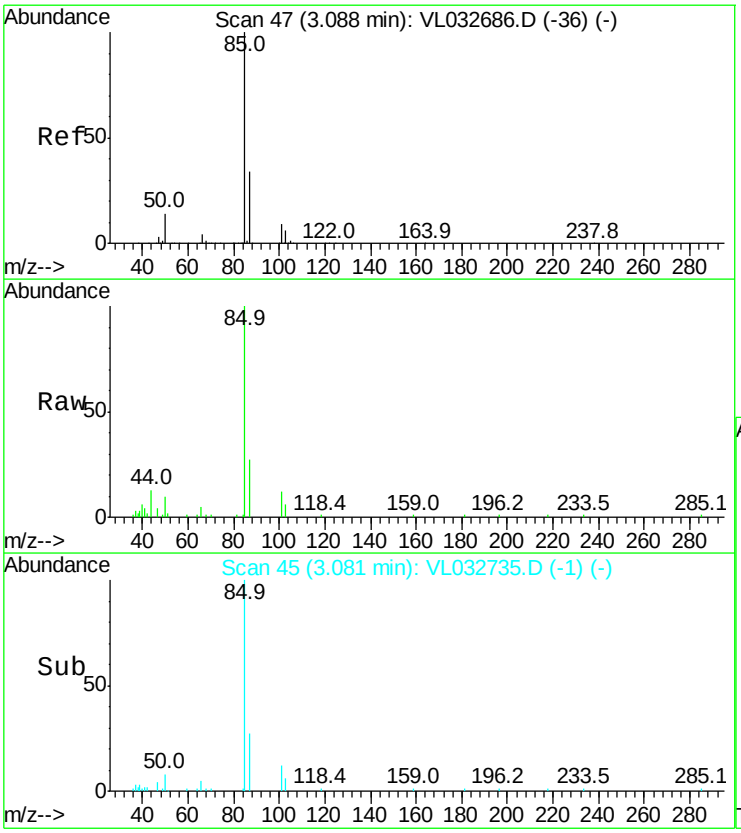
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 49 Resp: 1352826

Ion	Ratio	Lower	Upper
49	100		
128	50.1	22.3	66.8
130	64.9	28.4	85.3

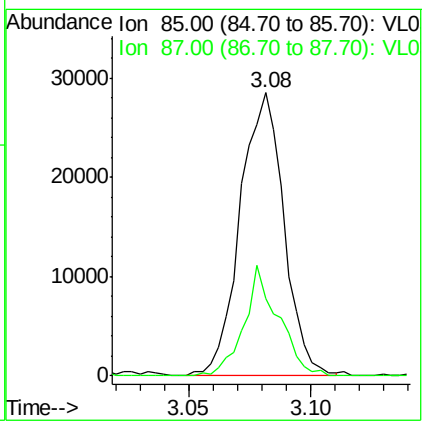


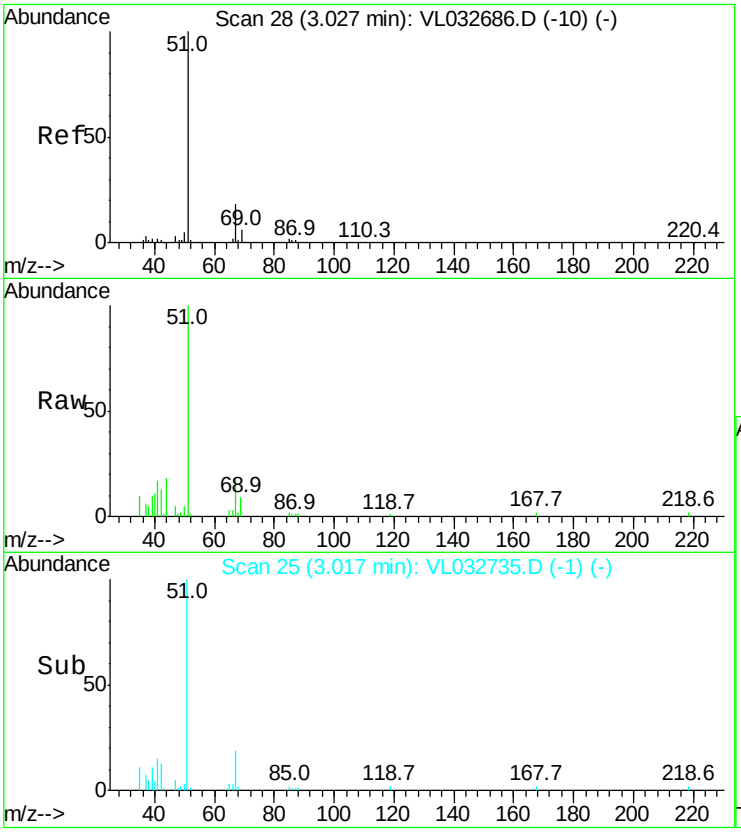


#2
Dichlorodifluoromethane
Concen: 0.257 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 85 Resp: 35470

Ion	Ratio	Lower	Upper
85	100		
87	27.5	26.2	39.2



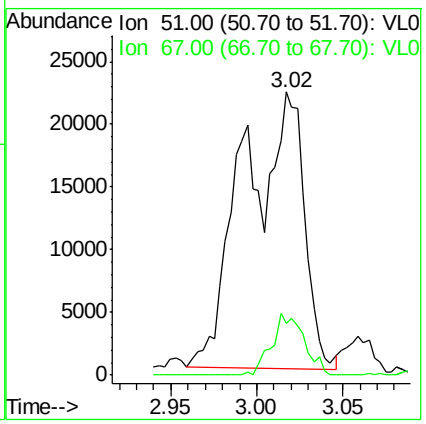


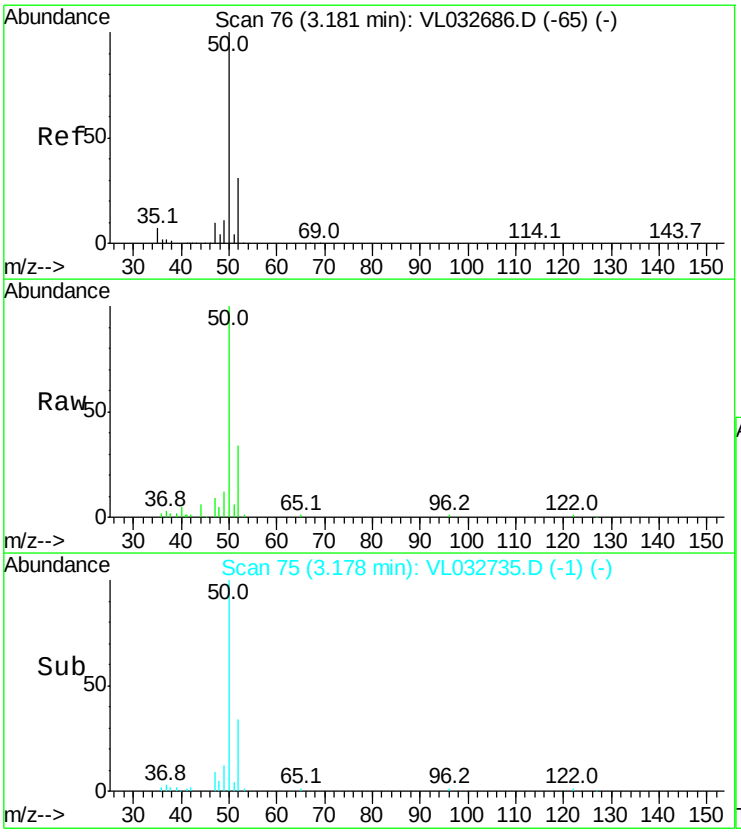
#3
Chlorodifluoromethane
Concen: 0.505 ppbv
RT: 3.02 min Scan# 25
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 51 Resp: 53446

Ion	Ratio	Lower	Upper
51	100		
67	11.9	15.2	22.8#

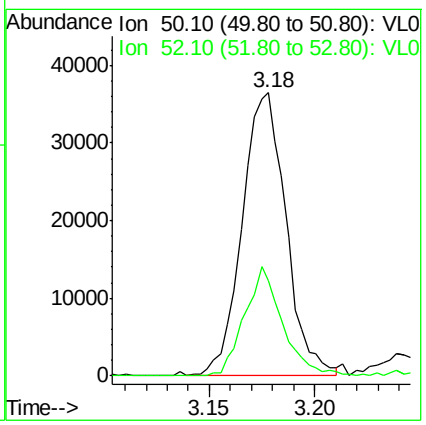


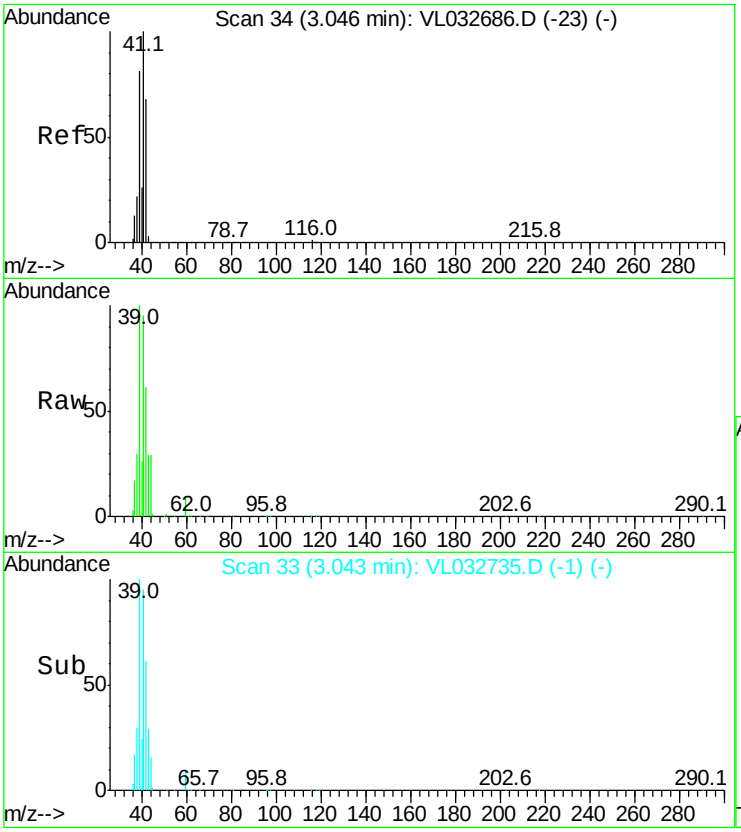


#4
Chloromethane
Concen: 0.892 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 50 Resp: 52734

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.9	38.9

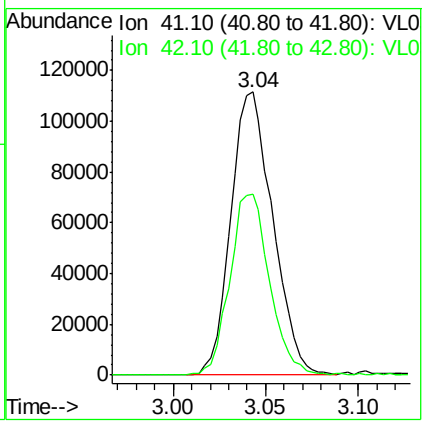




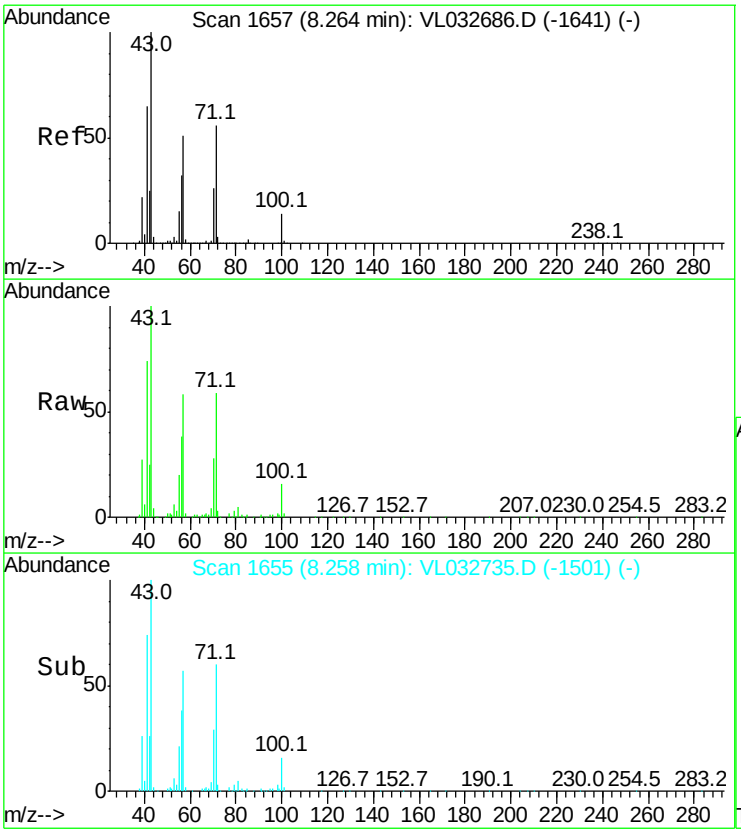
#9
Propene
Concen: 4.025 ppbv
RT: 3.04 min Scan# 33
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 41 Resp: 175224

Ion	Ratio	Lower	Upper
41	100		
42	61.2	55.4	83.0



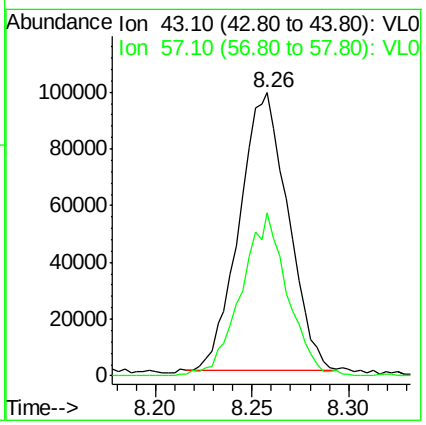
Instrument :
MSVOA_L
ClientSampleId :
IA-02

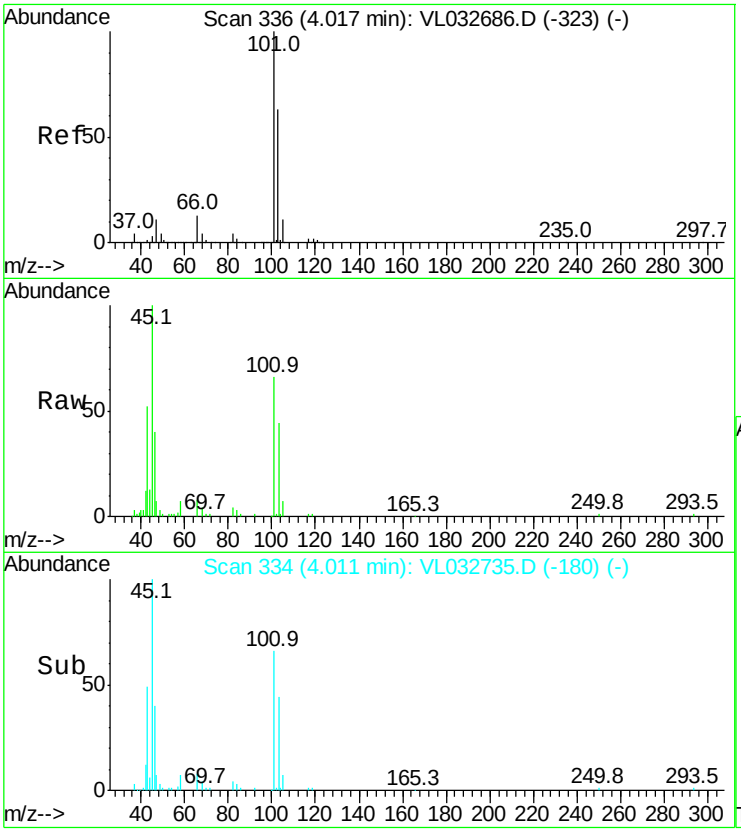


#10
Heptane
Concen: 1.025 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 43 Resp: 171924

Ion	Ratio	Lower	Upper
43	100		
57	56.1	41.5	62.3



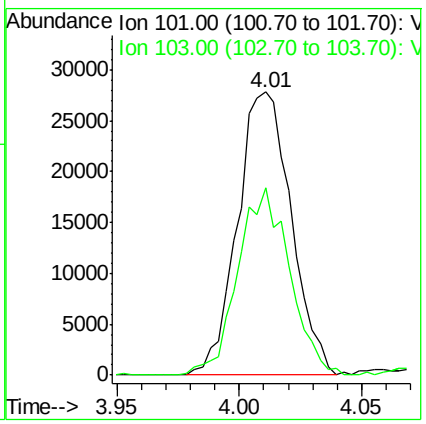


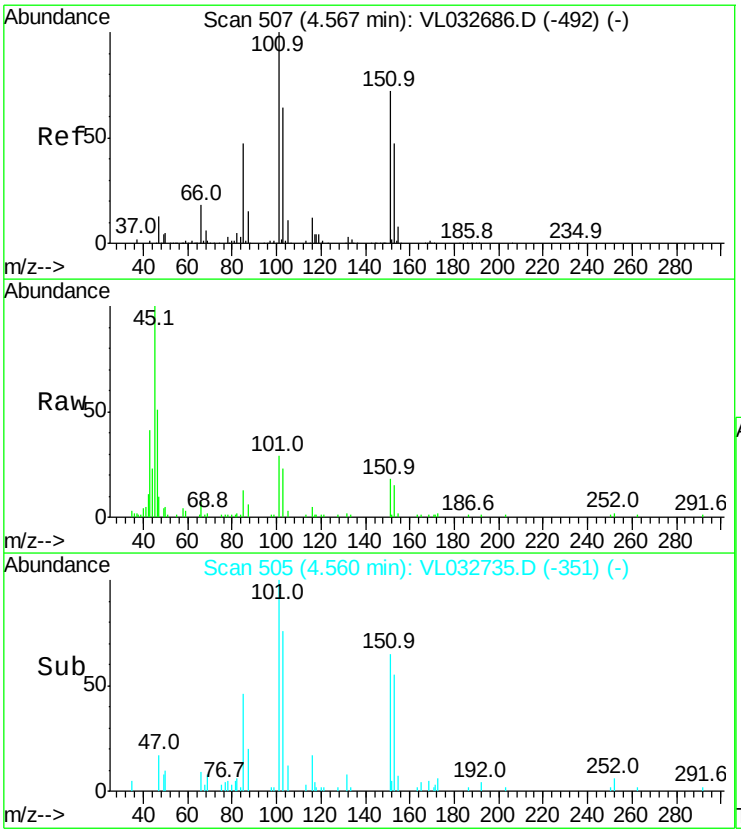
#11
Trichlorofluoromethane
Concen: 0.236 ppbv
RT: 4.01 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:101 Resp: 42455

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.4	77.2

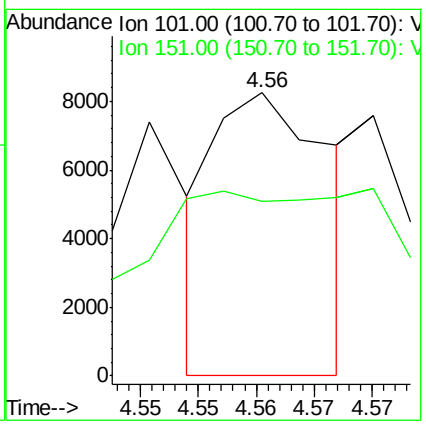


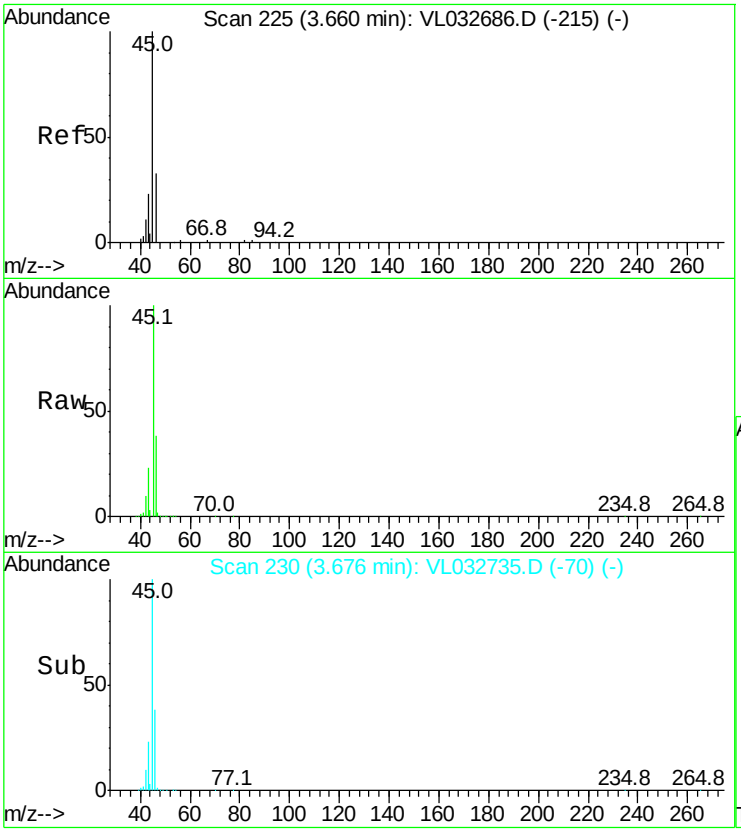


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.038 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:101 Resp: 5668

Ion	Ratio	Lower	Upper
101	100		
151	0.0	52.3	78.5#



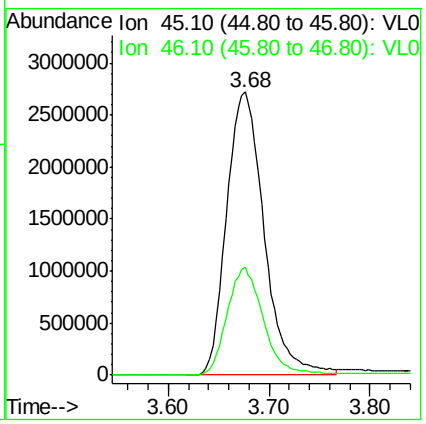


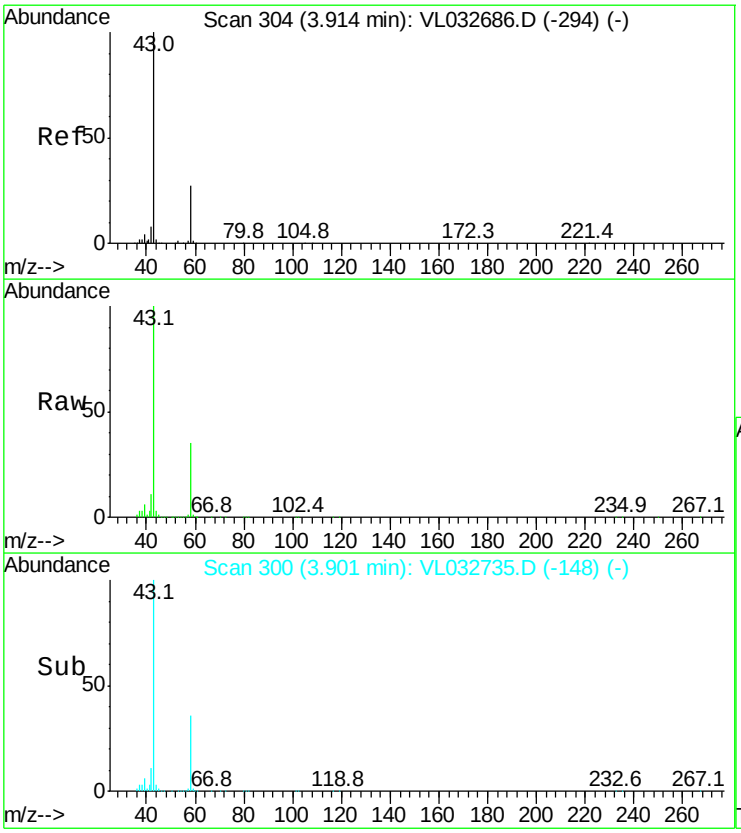
#13
Ethanol
Concen: 565.206 ppbv
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 45 Resp: 7033413

Ion	Ratio	Lower	Upper
45	100		
46	37.3	15.4	61.8

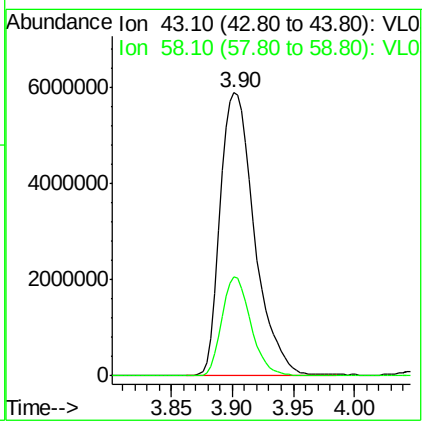


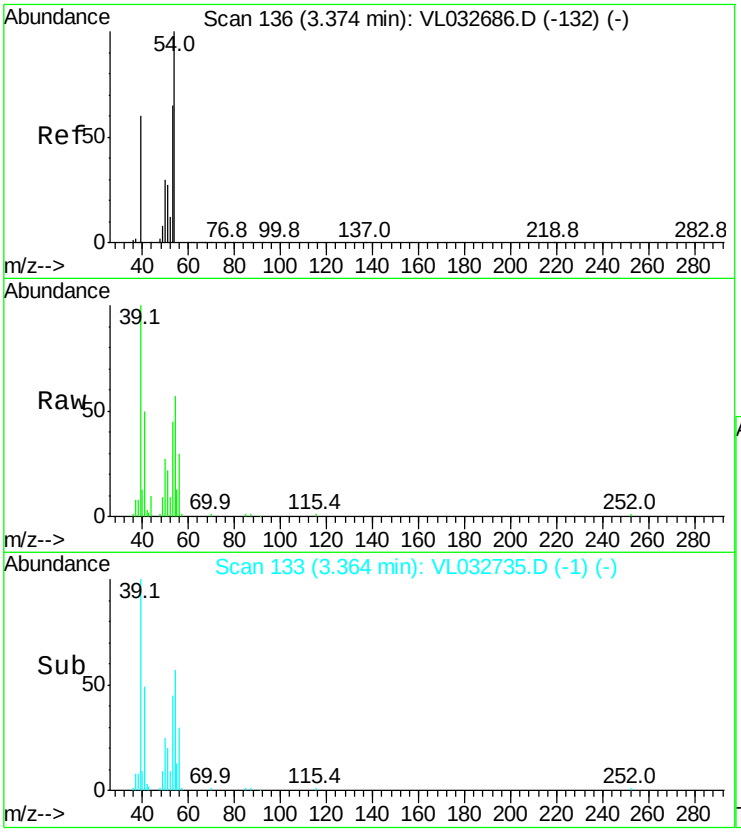


#15
Acetone
Concen: 92.757 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 43 Resp:11587451

Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.1	33.1



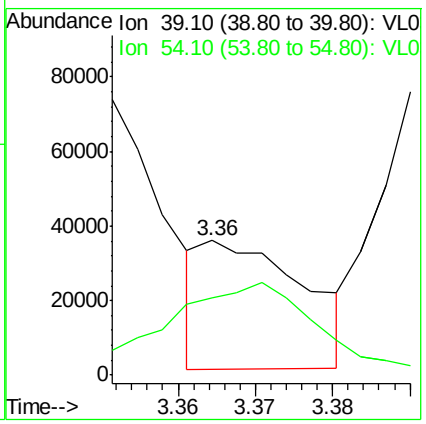


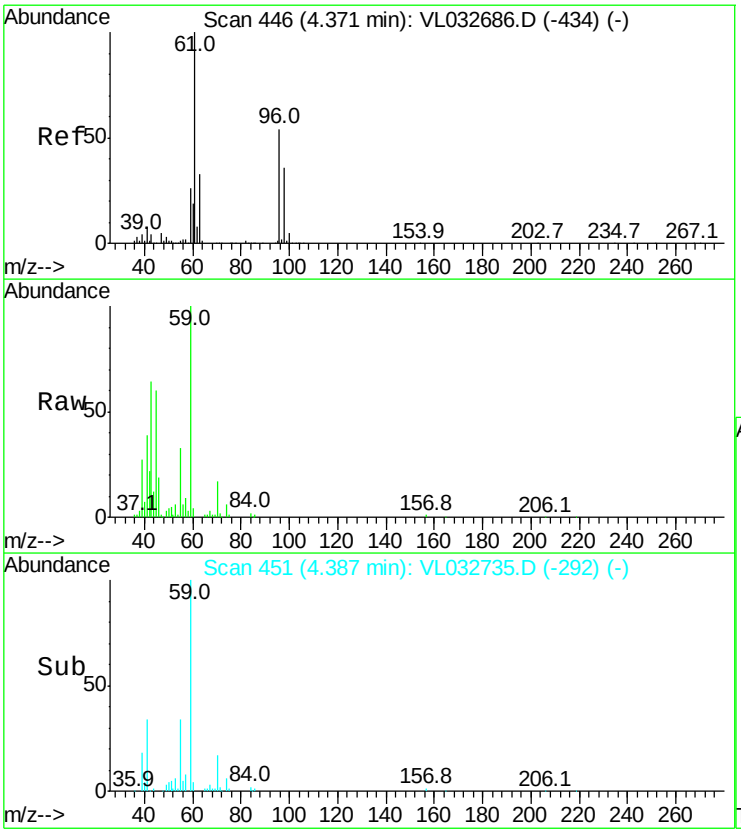
#16
1,3-Butadiene
Concen: 0.687 ppbv
RT: 3.36 min Scan# 133
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 39 Resp: 31577

Ion	Ratio	Lower	Upper
39	100		
54	126.1	90.4	135.6

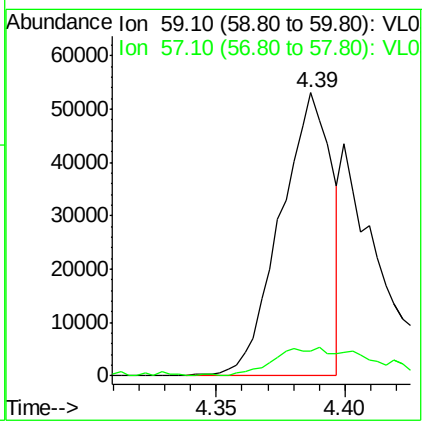


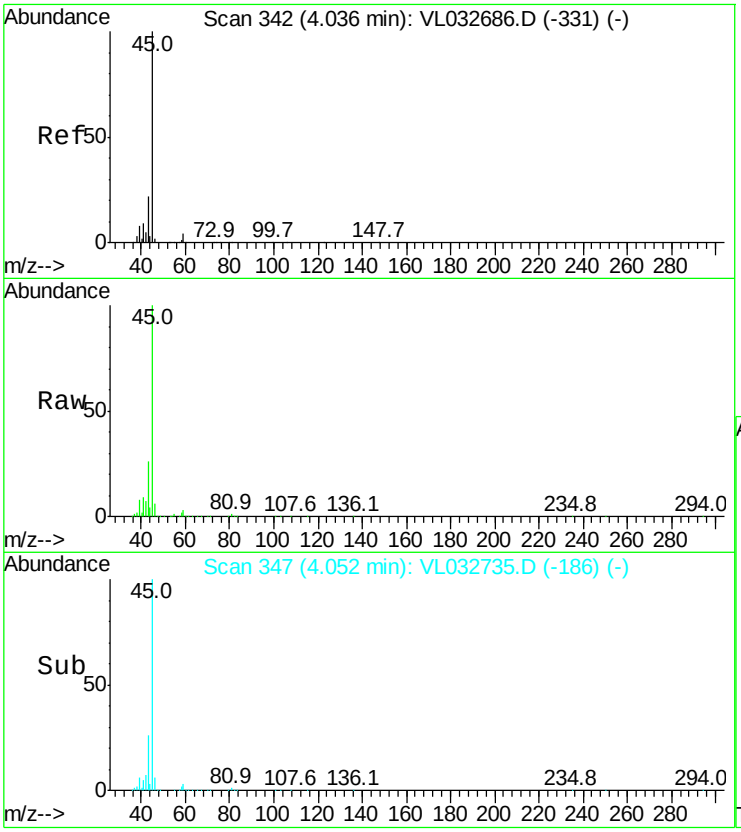


#17
tert-Butyl alcohol
Concen: 1.995 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 59 Resp: 73290

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0



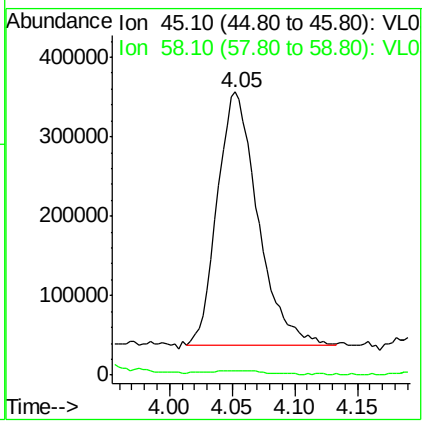


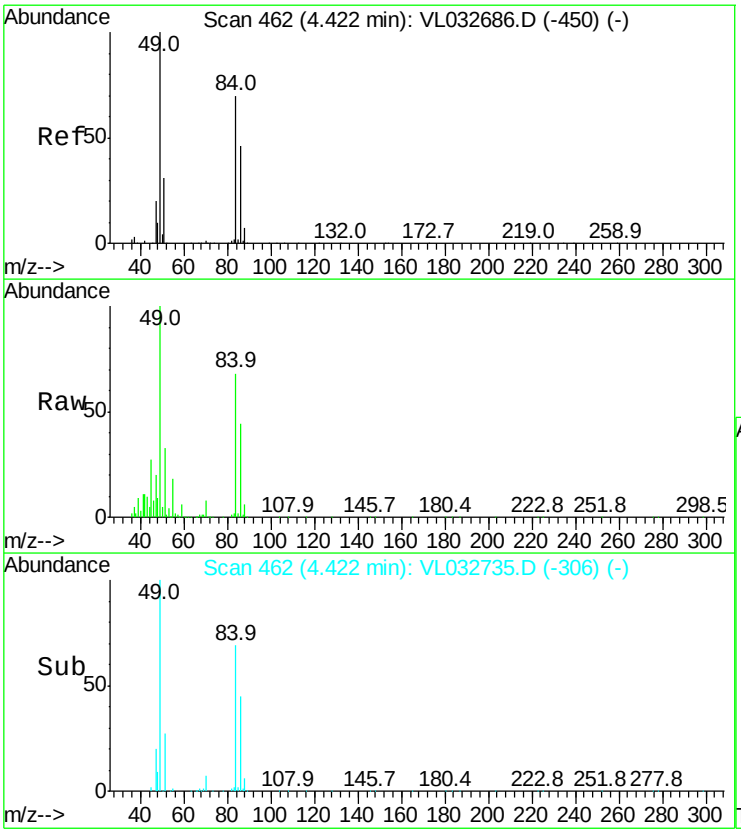
#19
Isopropyl Alcohol
Concen: 8.063 ppbv
RT: 4.05 min Scan# 347
Delta R.T. 0.02 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 45 Resp: 717320

Ion	Ratio	Lower	Upper
45	100		
58	481.7	2.0	3.0#

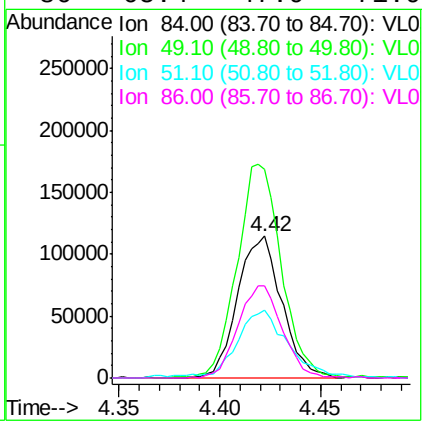


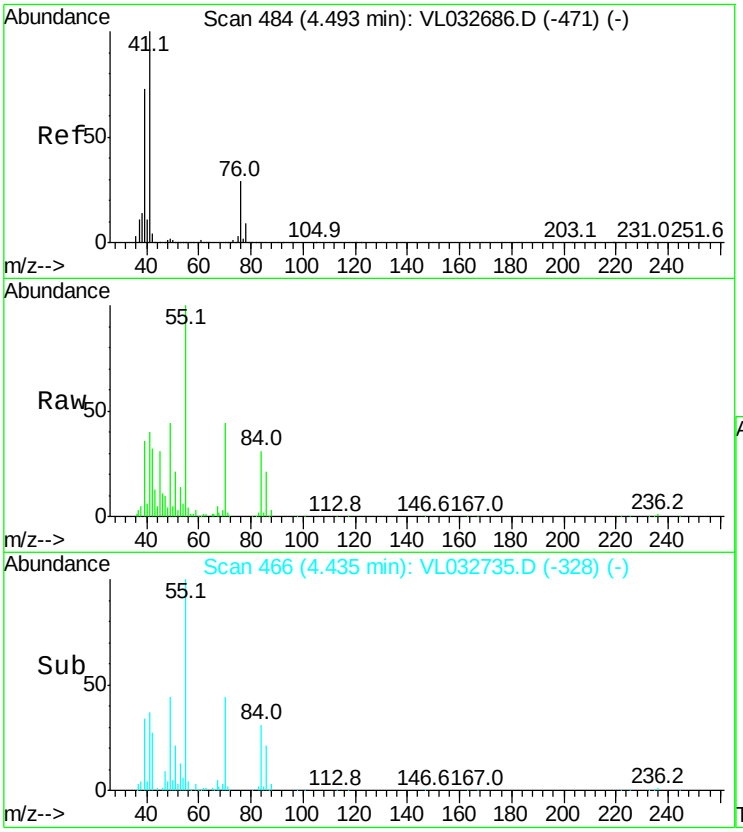


#20
Methylene Chloride
Concen: 2.775 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 84 Resp: 175949

Ion	Ratio	Lower	Upper
84	100		
49	146.0	113.5	170.3
51	46.5	34.8	52.2
86	65.4	47.9	71.9



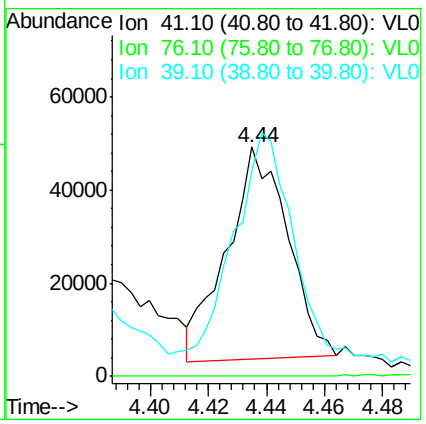


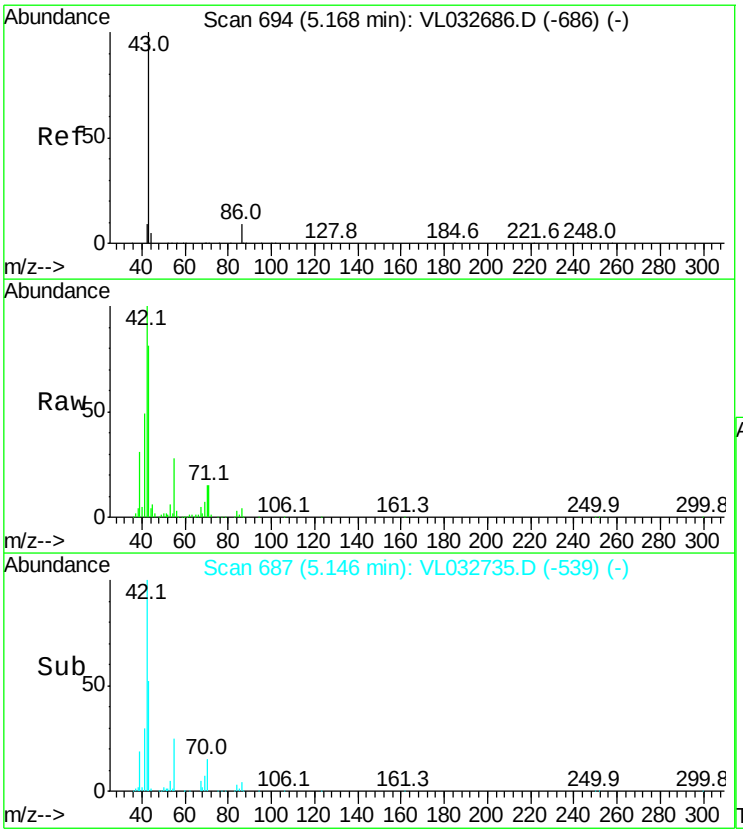
#21
Allyl Chloride
Concen: 0.646 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 41 Resp: 66261

Ion	Ratio	Lower	Upper
41	100		
76	0.5	24.3	36.5#
39	130.0	60.3	90.5#

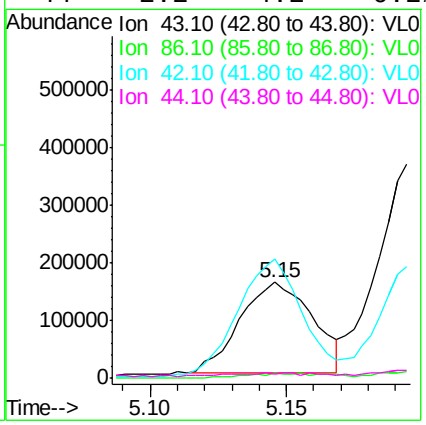


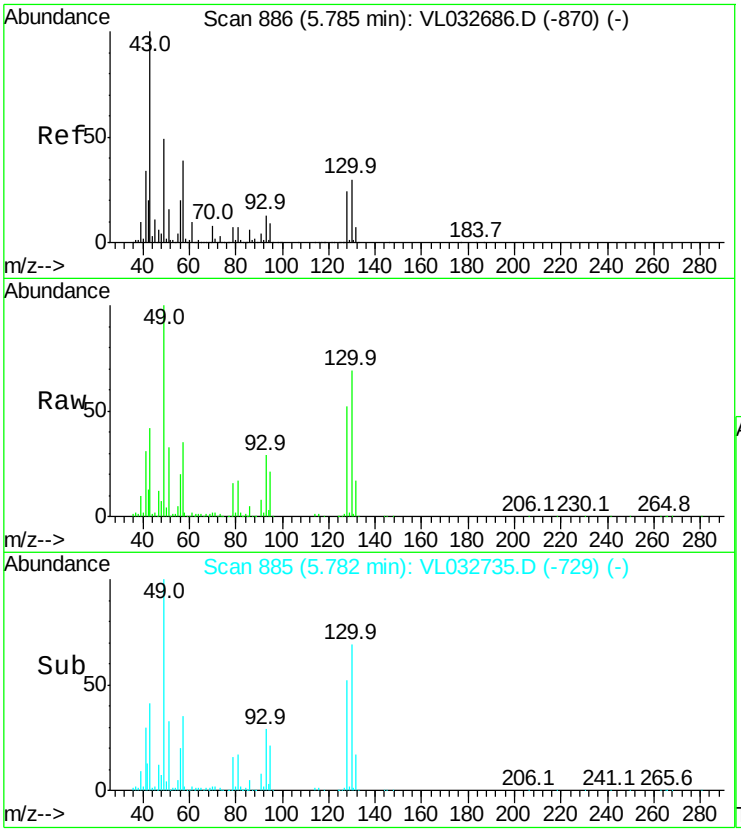


#23
Vinyl Acetate
Concen: 1.313 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.02 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 43 Resp: 290665

Ion	Ratio	Lower	Upper
43	100		
86	5.3	6.1	9.1#
42	127.2	7.4	11.2#
44	2.2	4.2	6.2#



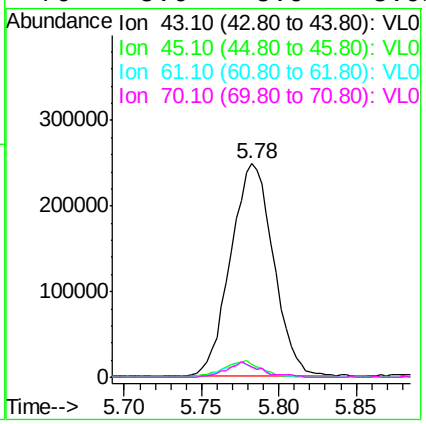


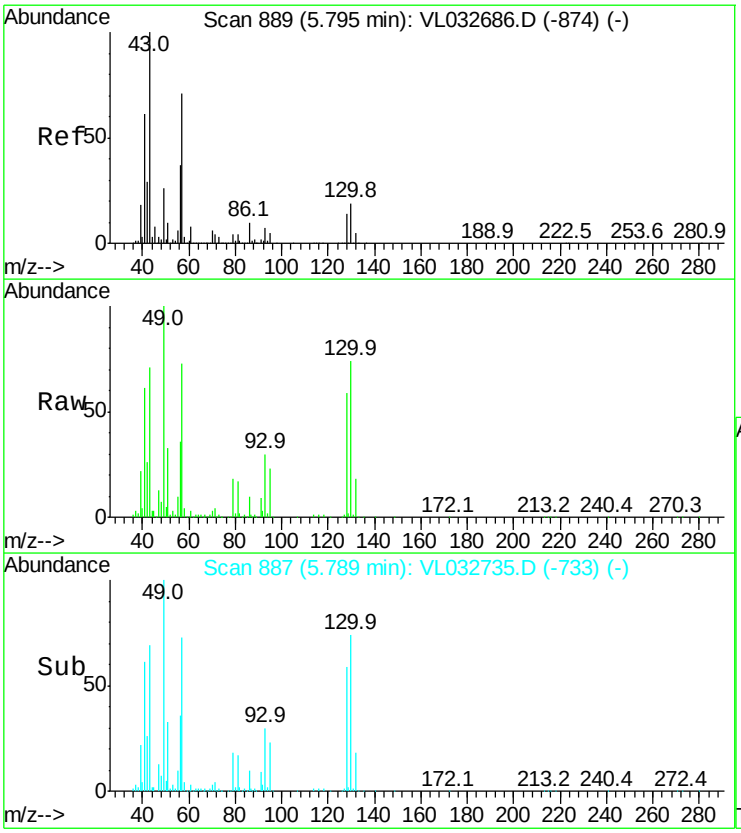
#25
Ethyl Acetate
Concen: 1.662 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 43 Resp: 477845

Ion	Ratio	Lower	Upper
43	100		
45	7.0	8.0	12.0#
61	6.0	8.0	12.0#
70	5.6	5.9	8.9#

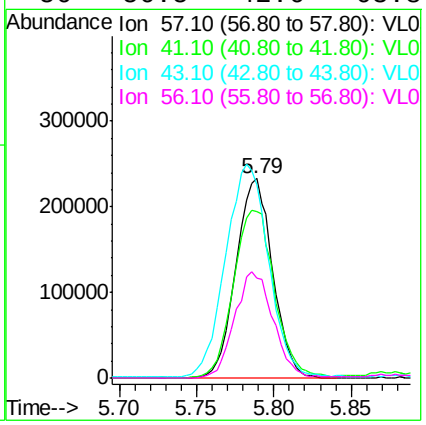


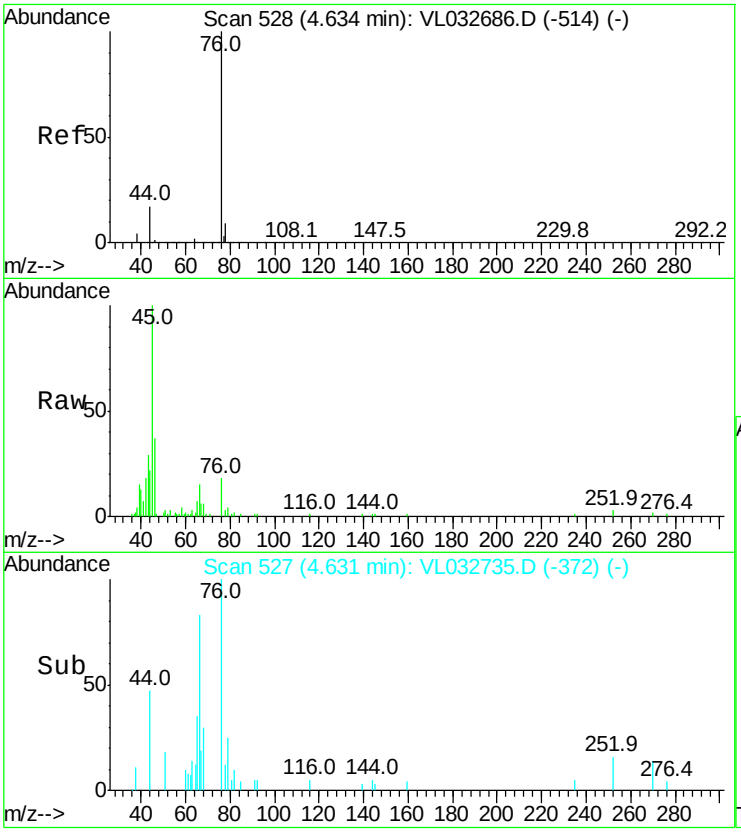


#26
Hexane
Concen: 2.808 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 57 Resp: 382044

Ion	Ratio	Lower	Upper
57	100		
41	95.2	67.4	101.0
43	126.0	171.9	257.9#
56	56.5	42.6	63.8



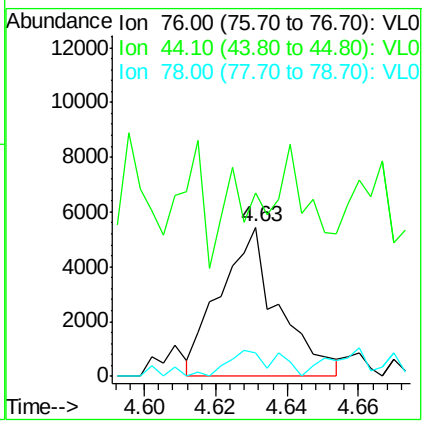


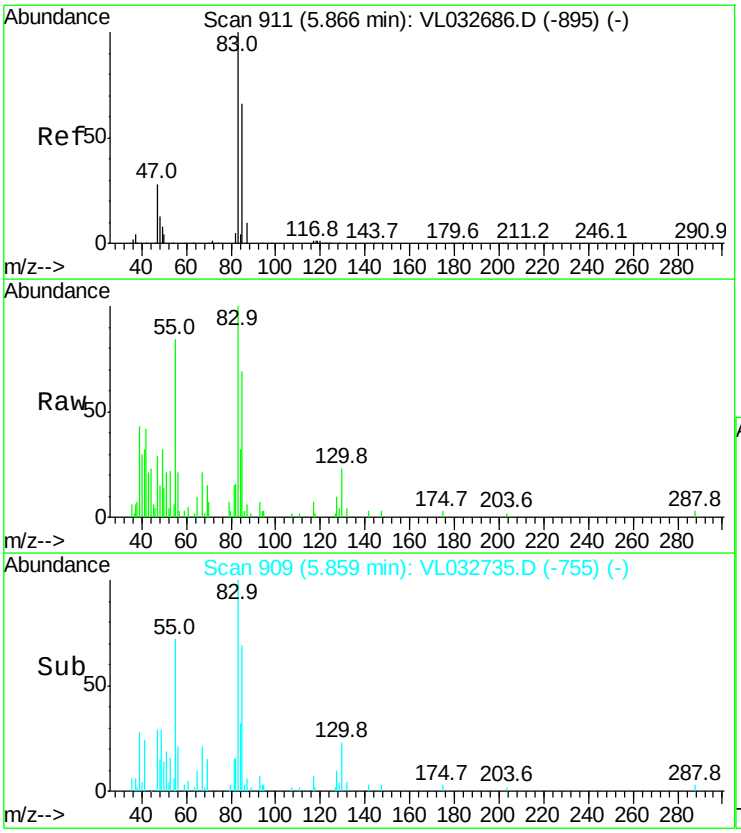
#27
Carbon Disulfide
Concen: 0.037 ppbv
RT: 4.63 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 76 Resp: 6131

Ion	Ratio	Lower	Upper
76	100		
44	221.4	13.7	20.5#
78	0.0	7.4	11.2#

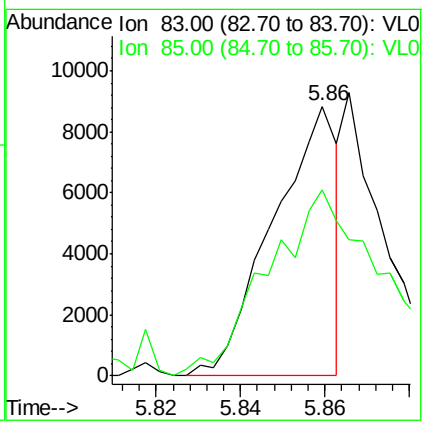


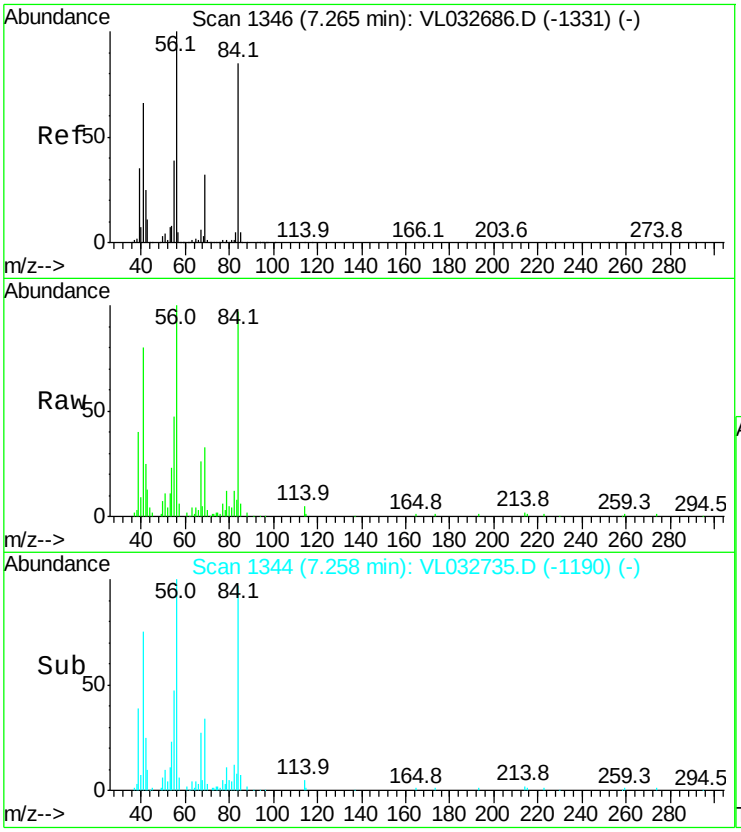


#29
Chloroform
Concen: 0.043 ppbv
RT: 5.86 min Scan# 909
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 83 Resp: 9376

Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.0	79.6



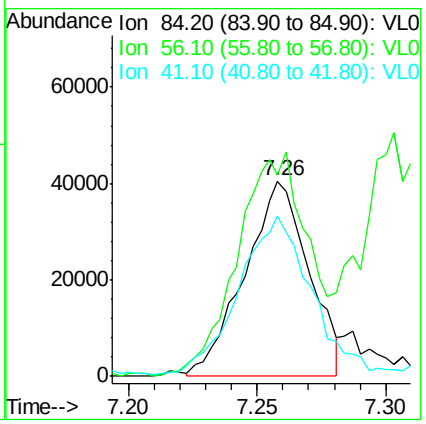


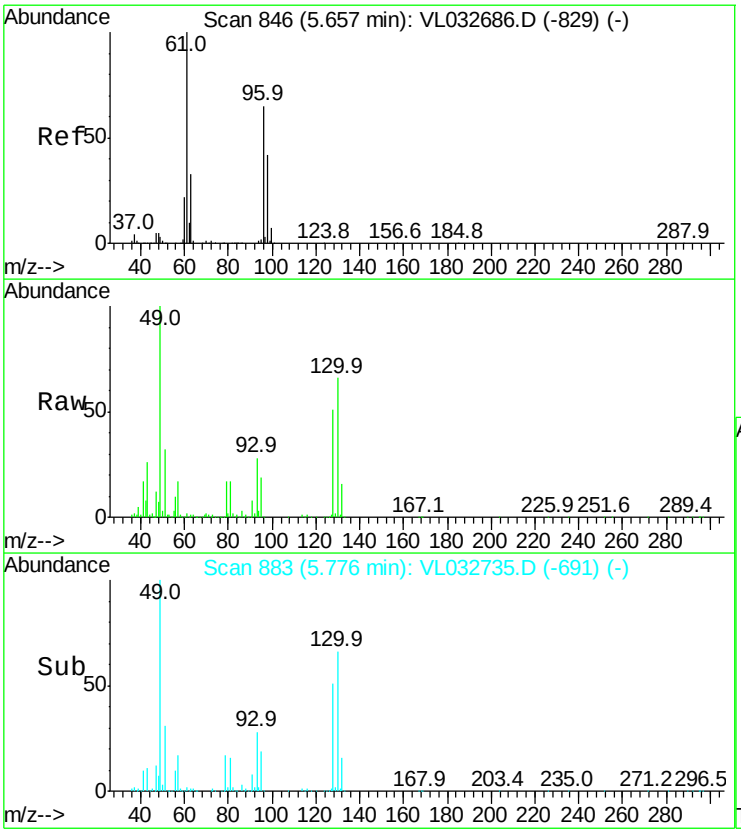
#30
Cyclohexane
Concen: 0.646 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 84 Resp: 69575

Ion	Ratio	Lower	Upper
84	100		
56	123.1	108.3	162.5
41	90.8	64.8	97.2

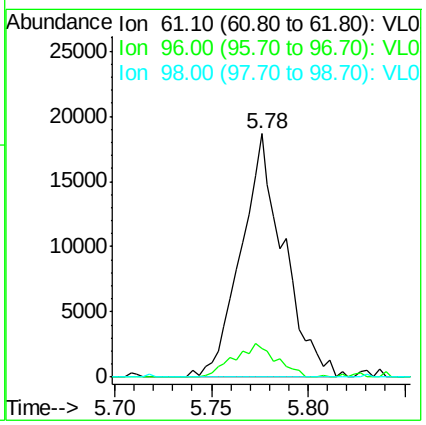


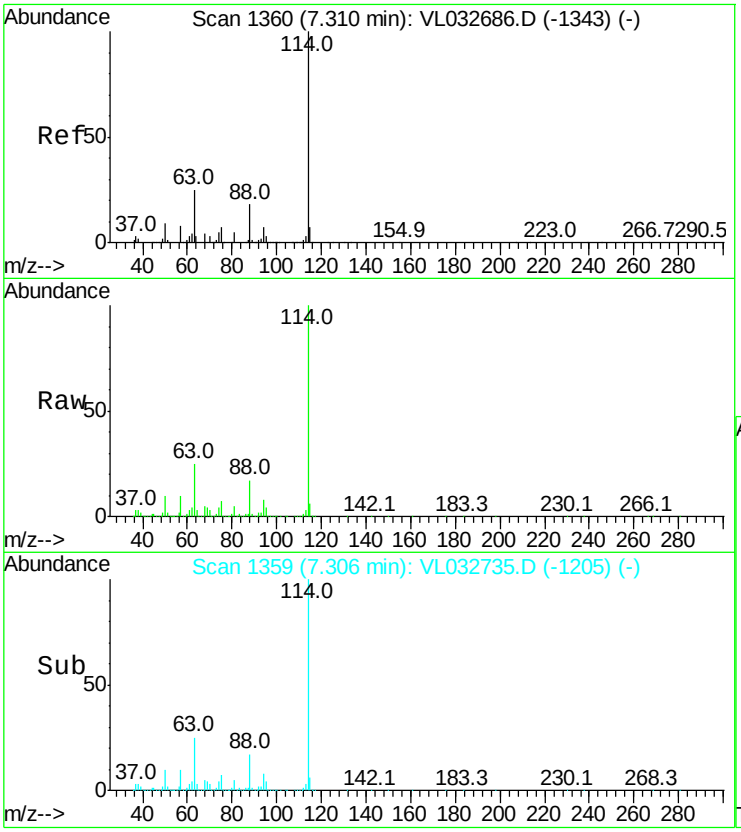


#31
cis-1,2-Dichloroethene
Concen: 0.226 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.12 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 61 Resp: 28552

Ion	Ratio	Lower	Upper
61	100		
96	11.5	51.8	77.6#
98	0.0	33.8	50.6#



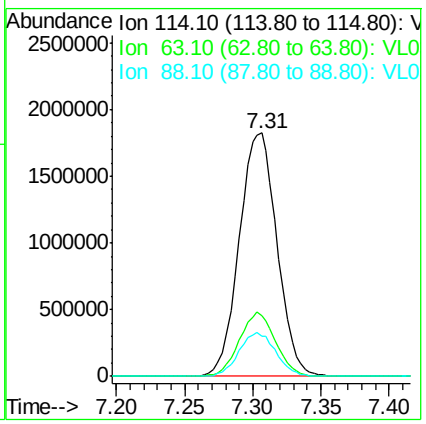


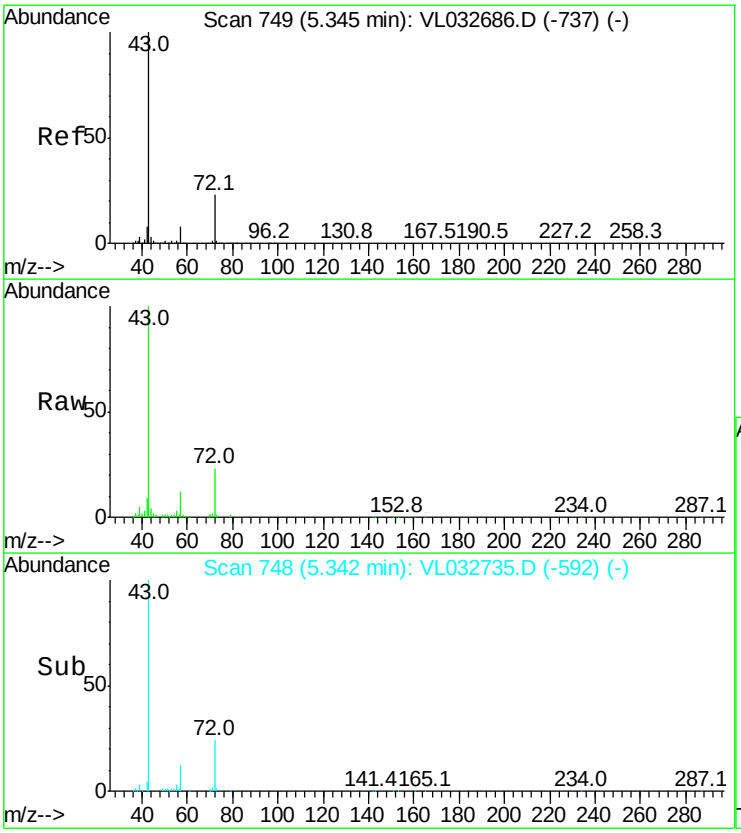
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion:114 Resp: 3497561

Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.7	32.5
88	17.6	14.9	22.3

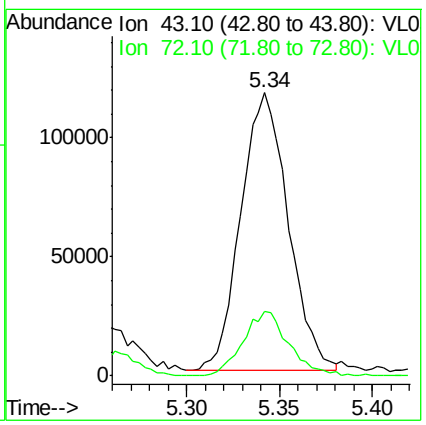


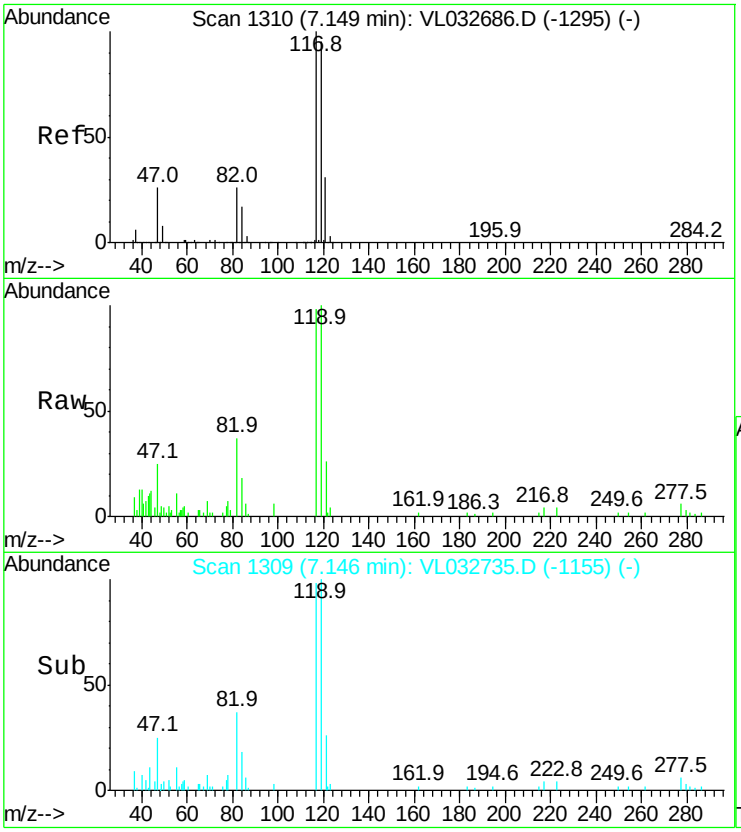


#34
2-Butanone
Concen: 1.102 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 43 Resp: 206663

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.6	27.8



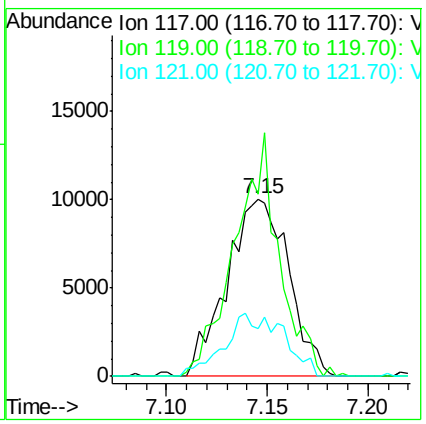


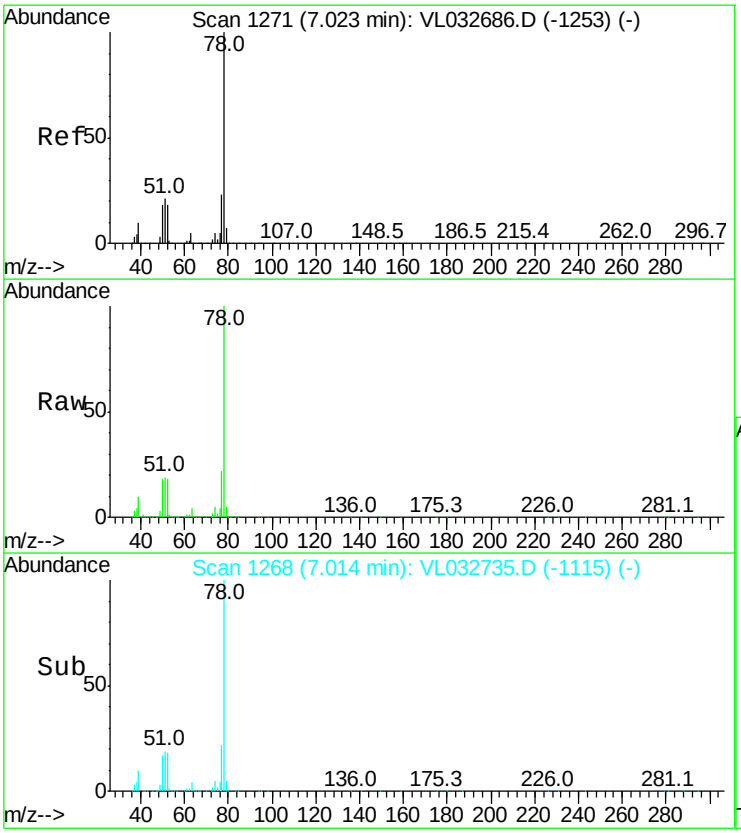
#35
Carbon Tetrachloride
Concen: 0.087 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion:117 Resp: 21541

Ion	Ratio	Lower	Upper
117	100		
119	102.6	75.7	113.5
121	28.6	24.7	37.1

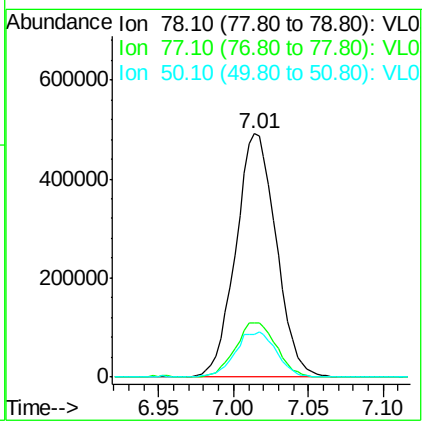


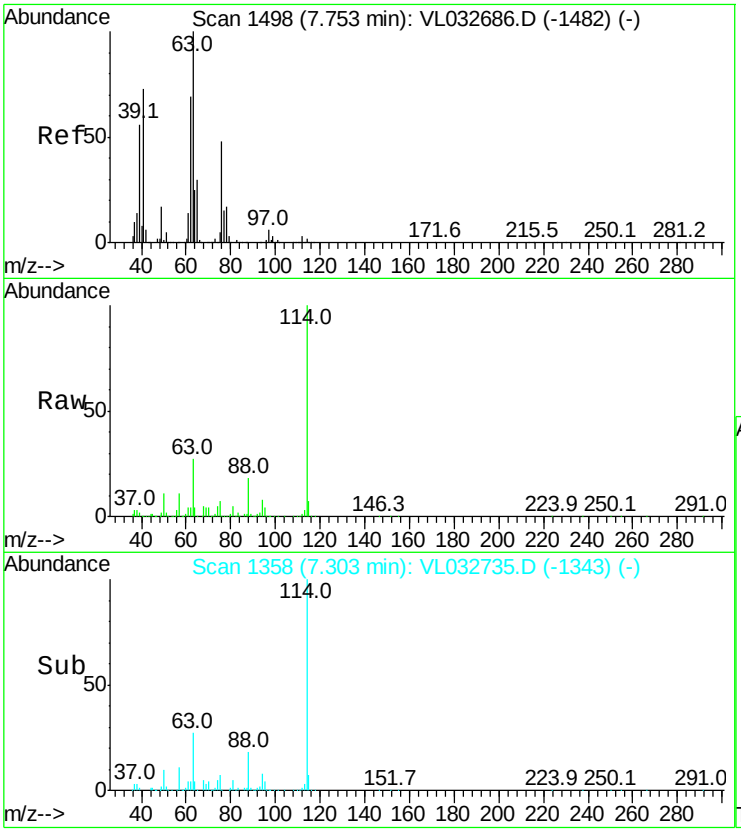


#36
Benzene
Concen: 3.242 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 78 Resp: 920920

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.1	27.1
50	17.4	15.1	22.7



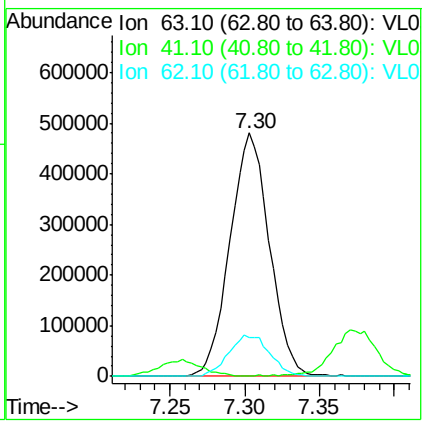


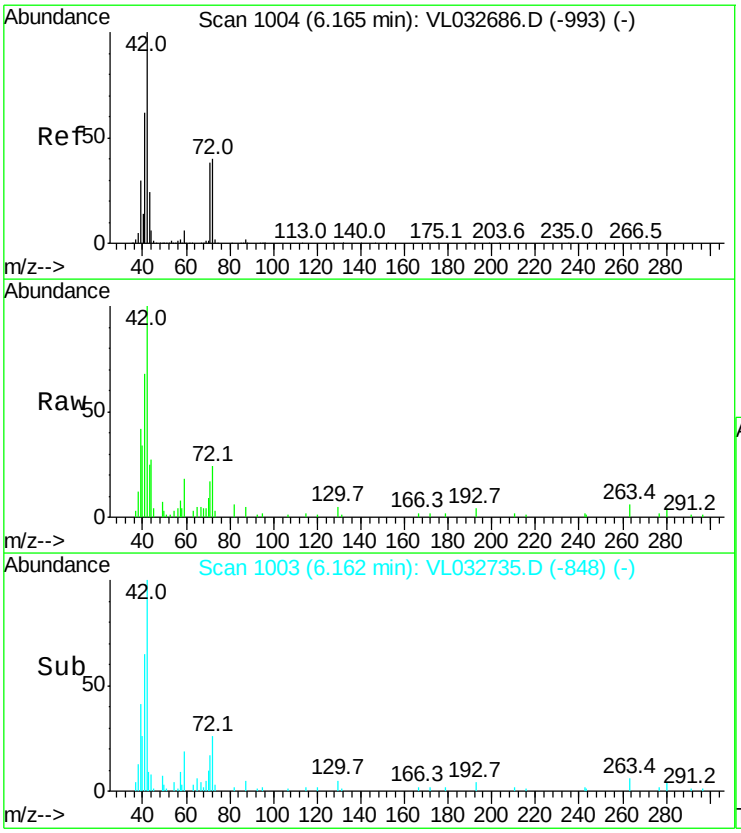
#39
1,2-Dichloropropane
Concen: 7.973 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.45 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 63 Resp: 874463

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	15.7	54.4	81.6#

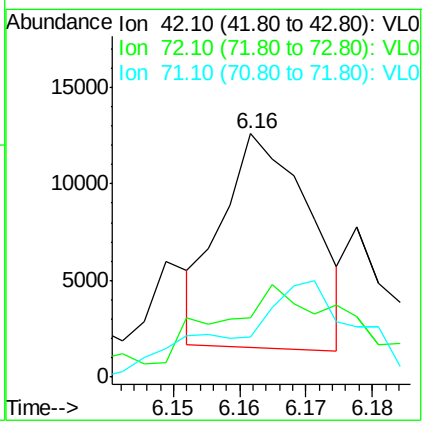


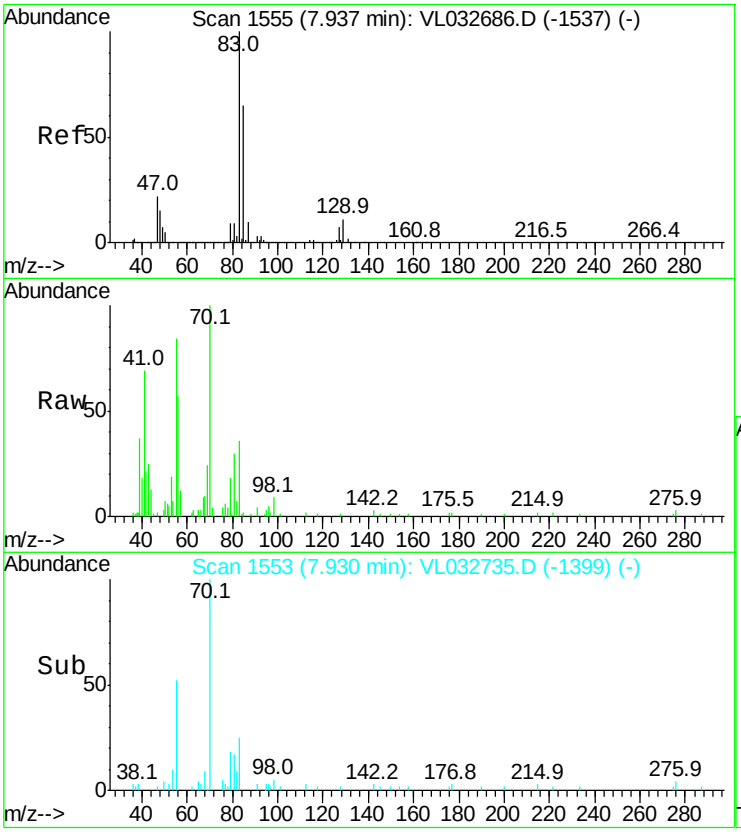


#41
Tetrahydrofuran
Concen: 0.098 ppbv
RT: 6.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 42 Resp: 10257

Ion	Ratio	Lower	Upper
42	100		
72	79.7	32.4	48.6#
71	0.0	31.3	46.9#



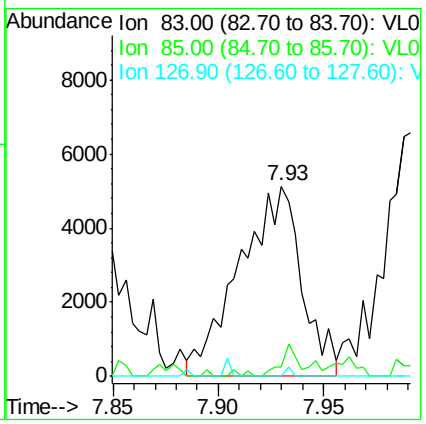


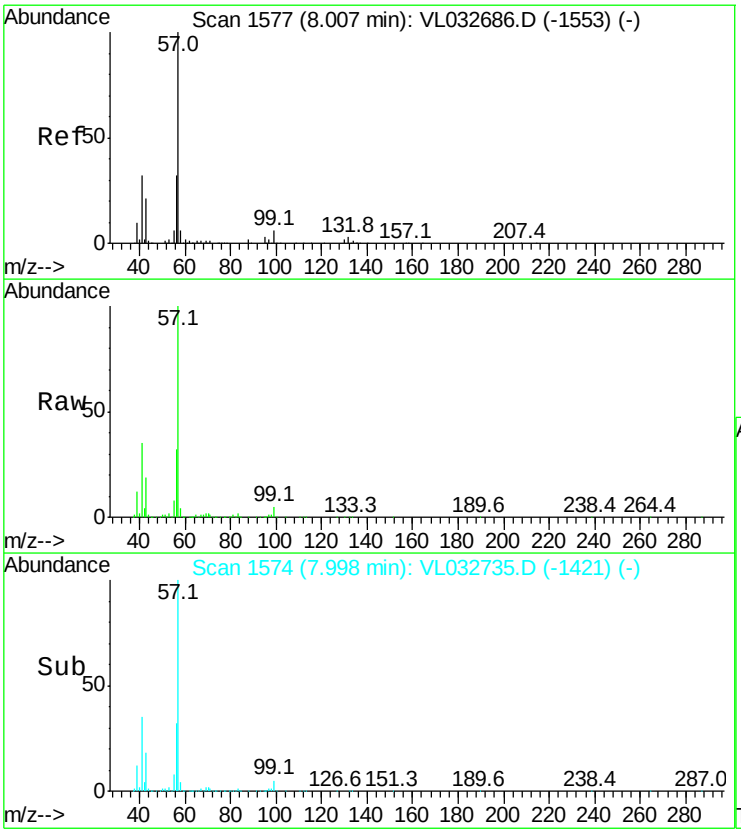
#42
Bromodichloromethane
Concen: 0.043 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 83 Resp: 10526

Ion	Ratio	Lower	Upper
83	100		
85	5.7	52.4	78.6#
127	0.0	6.1	9.1#

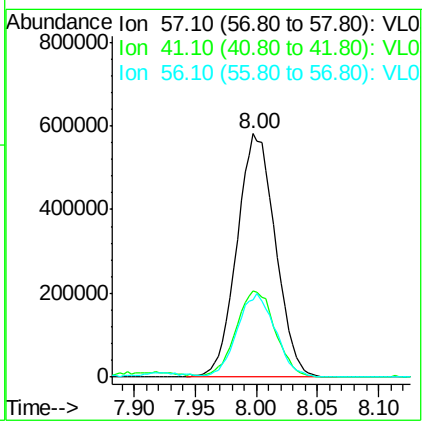


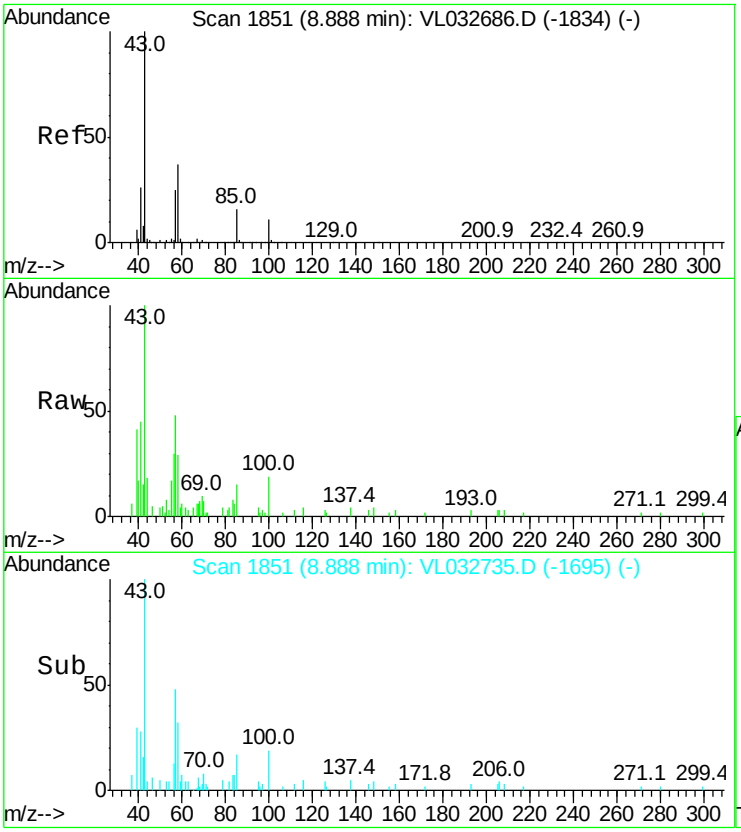


#44
2,2,4-Trimethylpentane
Concen: 2.595 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 57 Resp: 1258347

Ion	Ratio	Lower	Upper
57	100		
41	36.2	24.7	37.1
56	34.0	25.0	37.4



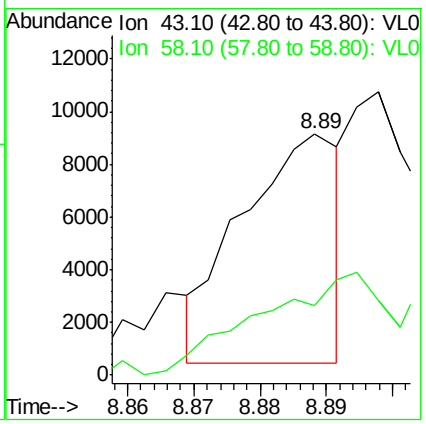


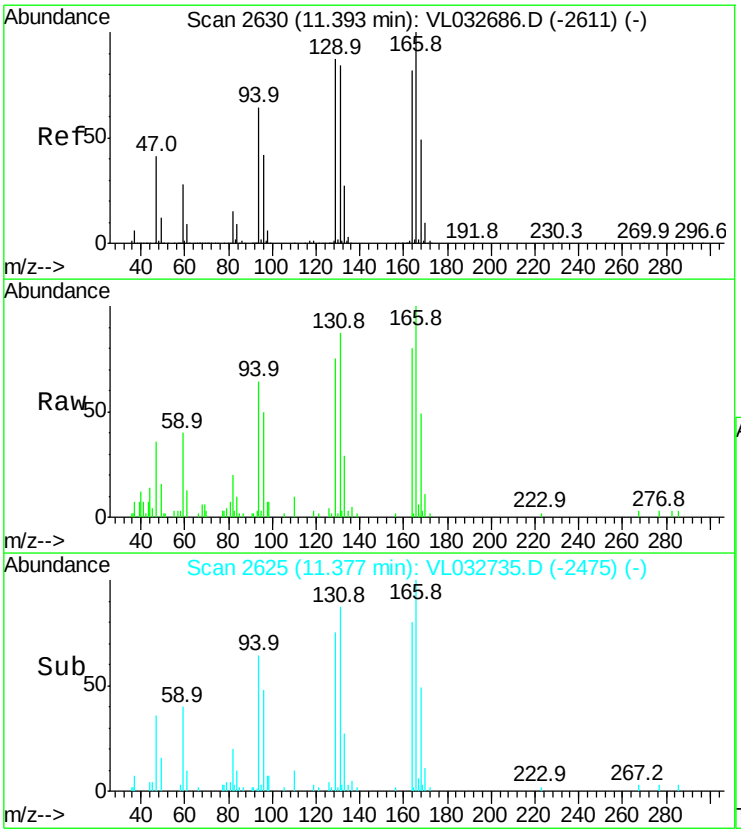
#50
4-Methyl-2-Pentanone
Concen: 0.032 ppbv
RT: 8.89 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 43 Resp: 8907

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

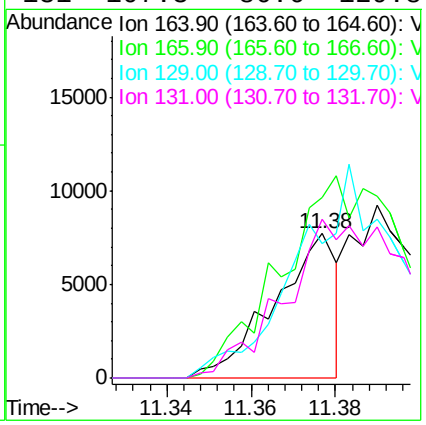


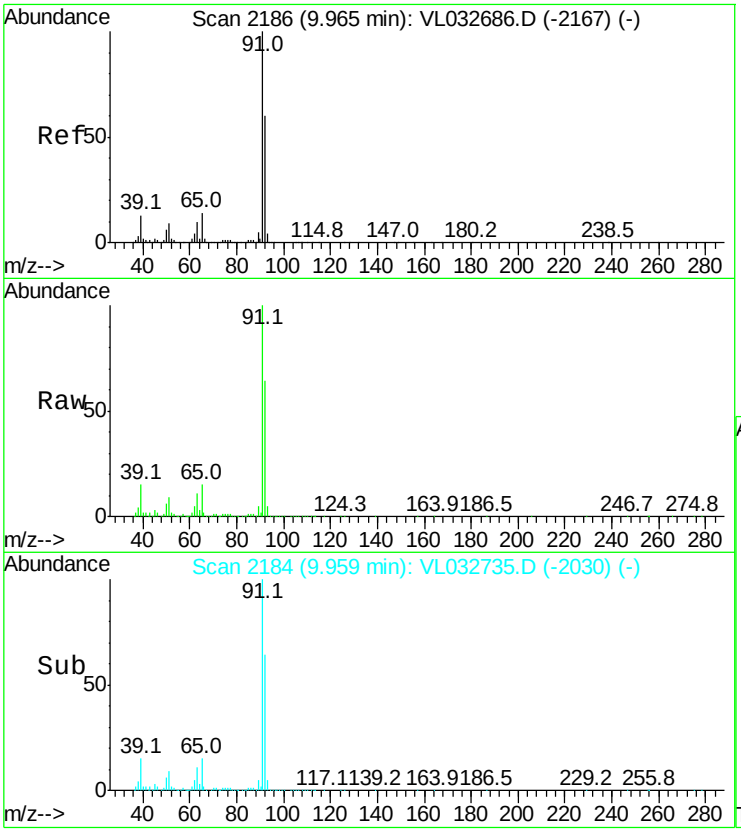


#52
Tetrachloroethene
Concen: 0.080 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.02 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:164 Resp: 7917

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.5	150.7
129	93.5	90.0	135.0
131	107.3	86.6	129.8



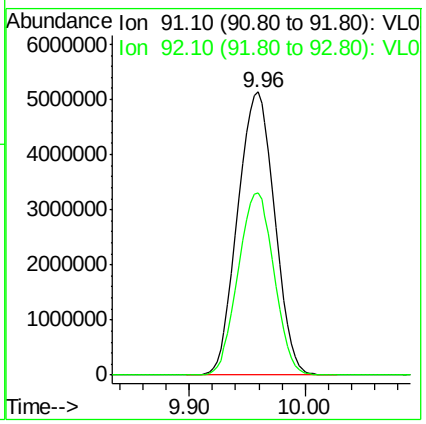


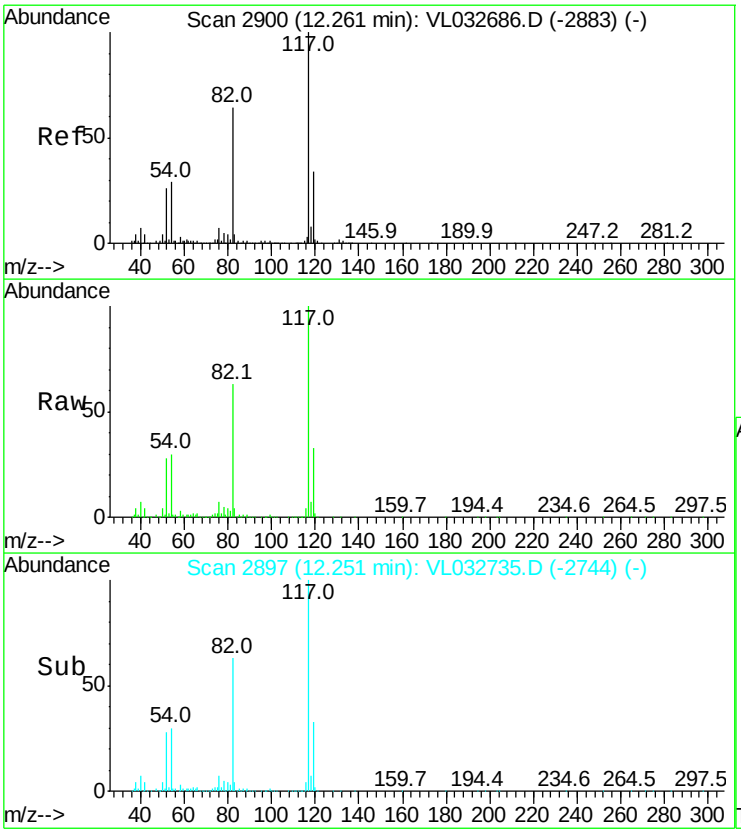
#53
Toluene
Concen: 35.026 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 91 Resp:11403322

Ion	Ratio	Lower	Upper
91	100		
92	62.9	48.4	72.6

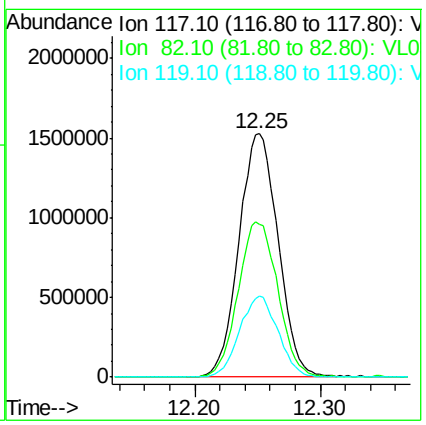


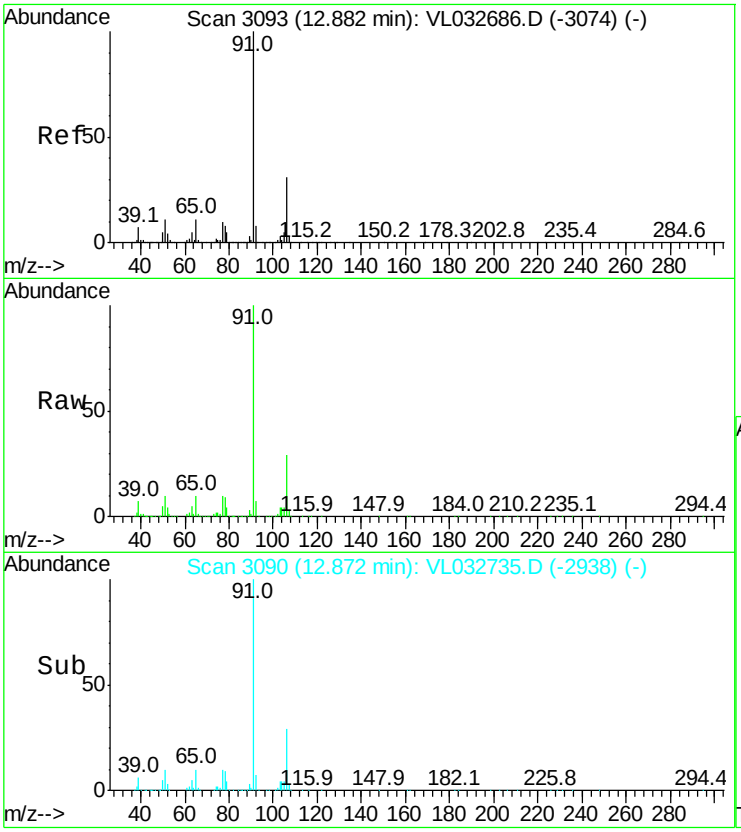


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:117 Resp: 3321714

Ion	Ratio	Lower	Upper
117	100		
82	64.4	52.7	79.1
119	32.7	26.7	40.1



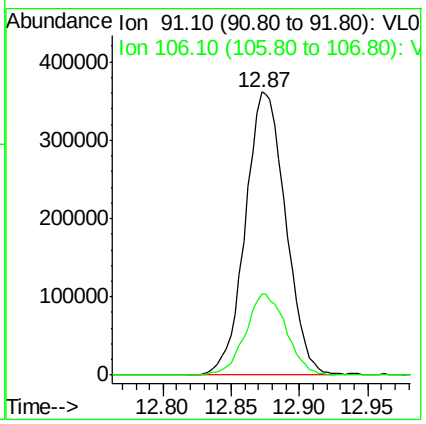


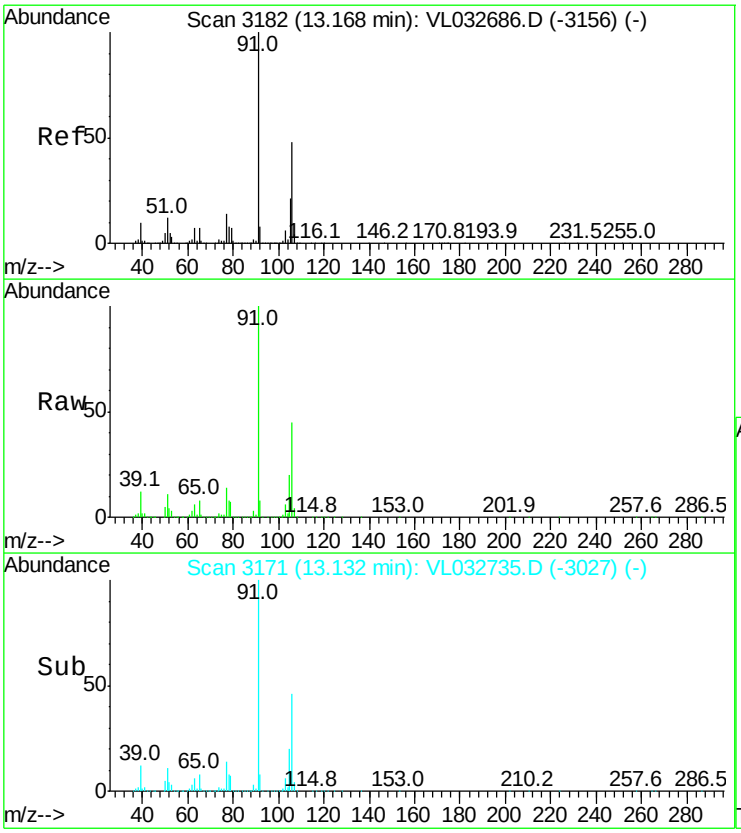
#58
Ethyl Benzene
Concen: 1.916 ppbv
RT: 12.87 min Scan# 3090
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion: 91 Resp: 739224

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.2	36.2

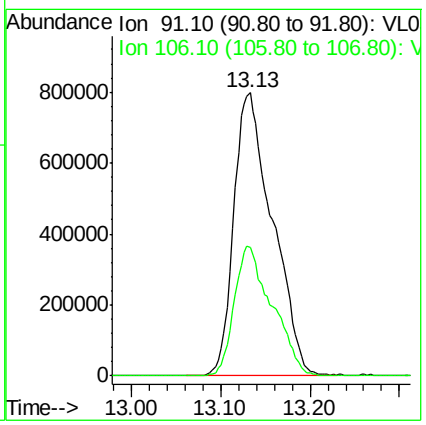


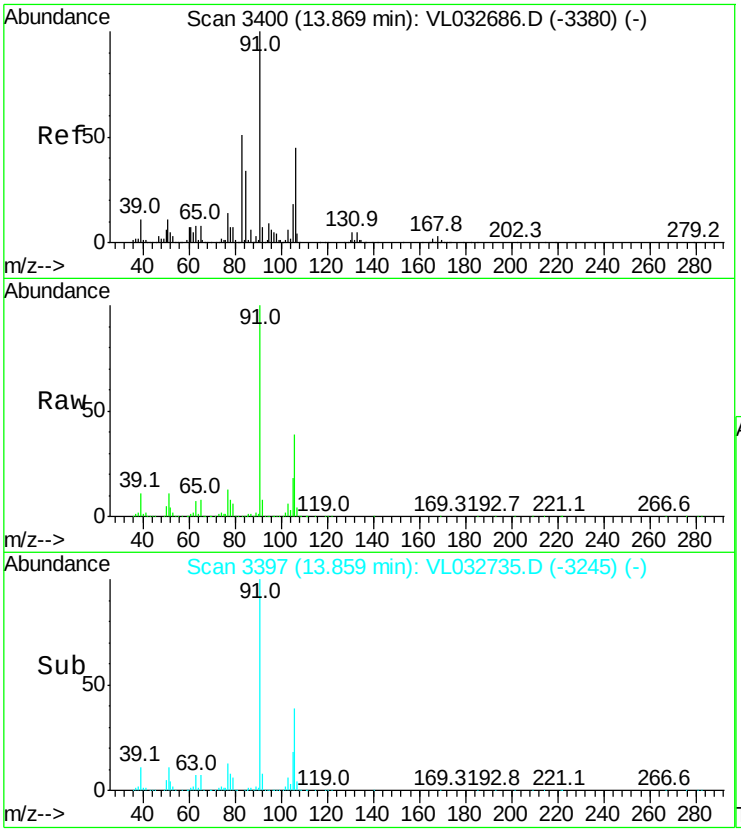


#59
m/p-Xylene
Concen: 6.996 ppbv
RT: 13.13 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 91 Resp: 2404143

Ion	Ratio	Lower	Upper
91	100		
106	44.8	35.9	53.9



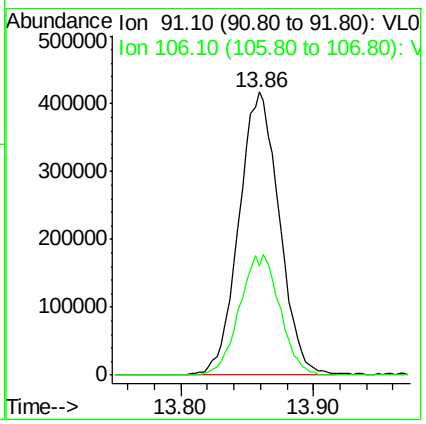


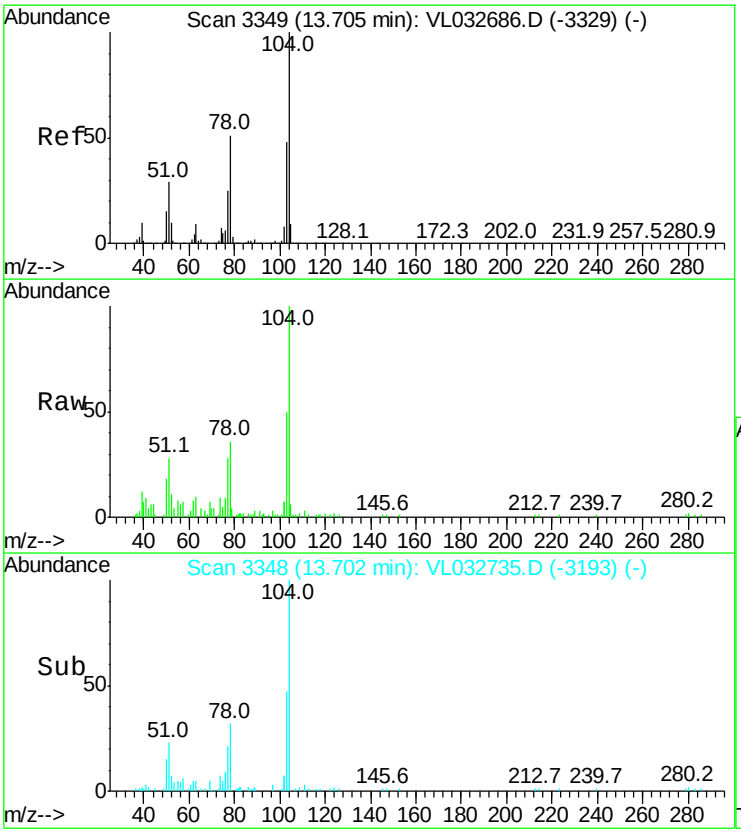
#60
o-Xylene
Concen: 2.655 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion: 91 Resp: 879989

Ion	Ratio	Lower	Upper
91	100		
106	42.7	22.1	66.1

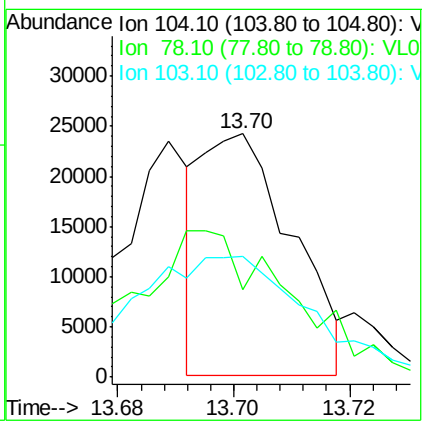


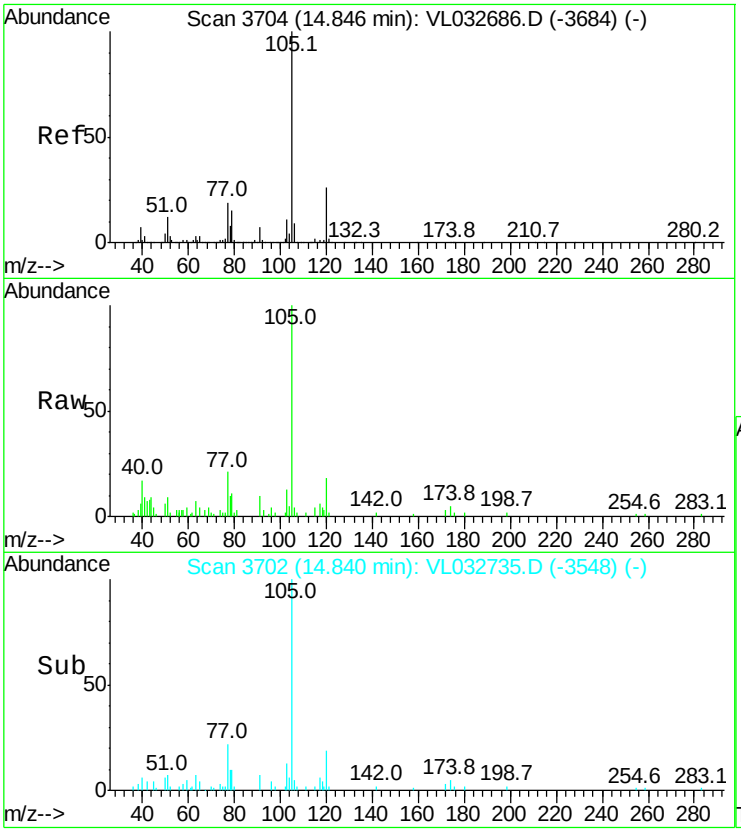


#61
Styrene
Concen: 0.117 ppbv
RT: 13.70 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:104 Resp: 25921

Ion	Ratio	Lower	Upper
104	100		
78	113.5	42.8	64.2#
103	105.2	37.4	56.0#



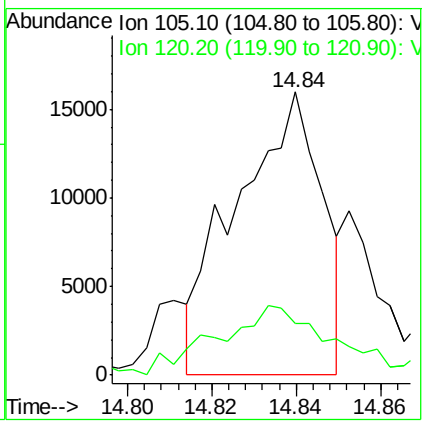


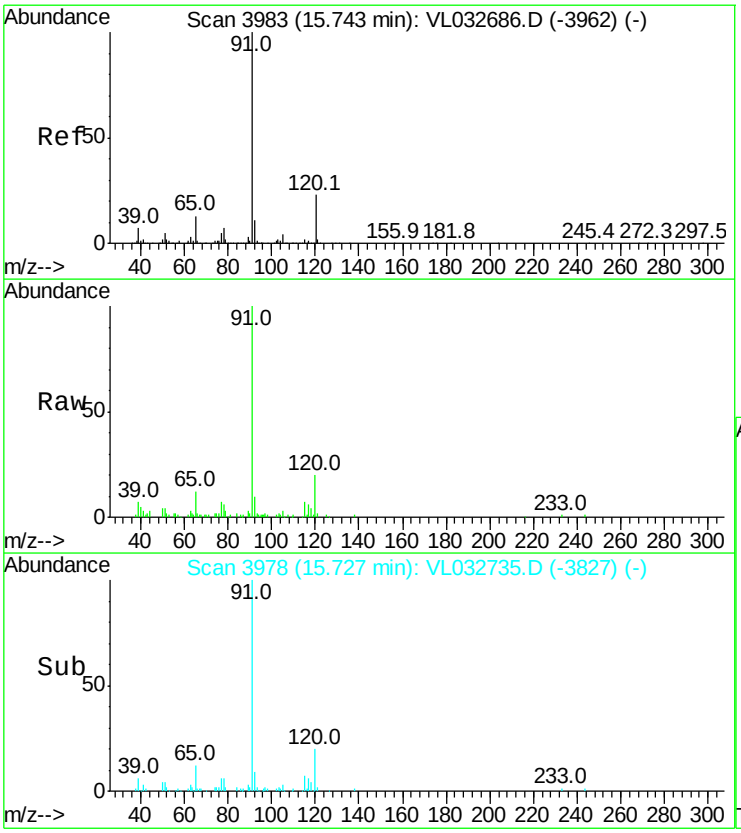
#62
Isopropylbenzene
Concen: 0.048 ppbv
RT: 14.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument : MSVOA_L
ClientSampleId : IA-02

Tgt Ion:105 Resp: 22602

Ion	Ratio	Lower	Upper
105	100		
120	35.6	20.5	30.7#

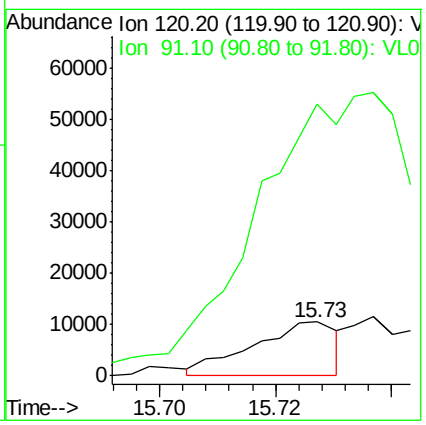


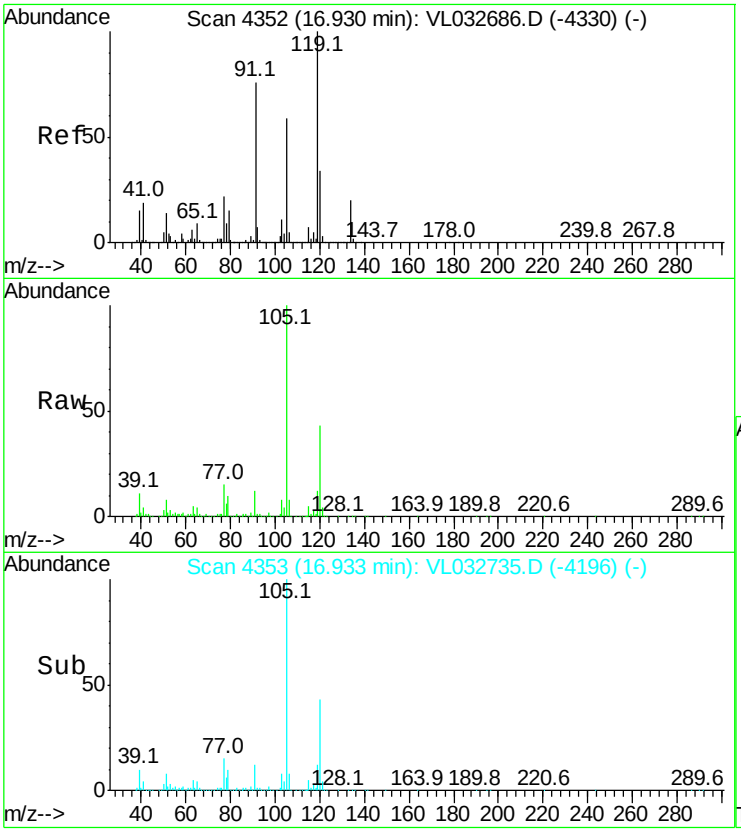


#64
n-propylbenzene
Concen: 0.090 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:120 Resp: 10503

Ion	Ratio	Lower	Upper
120	100		
91	0.0	390.2	585.2#



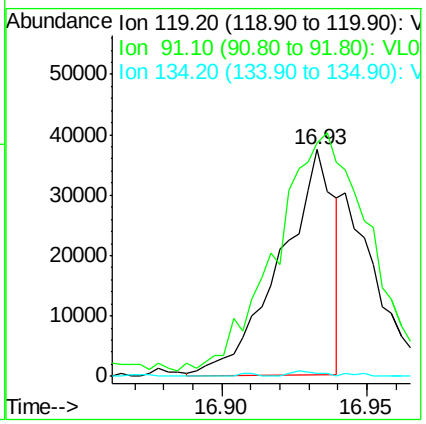


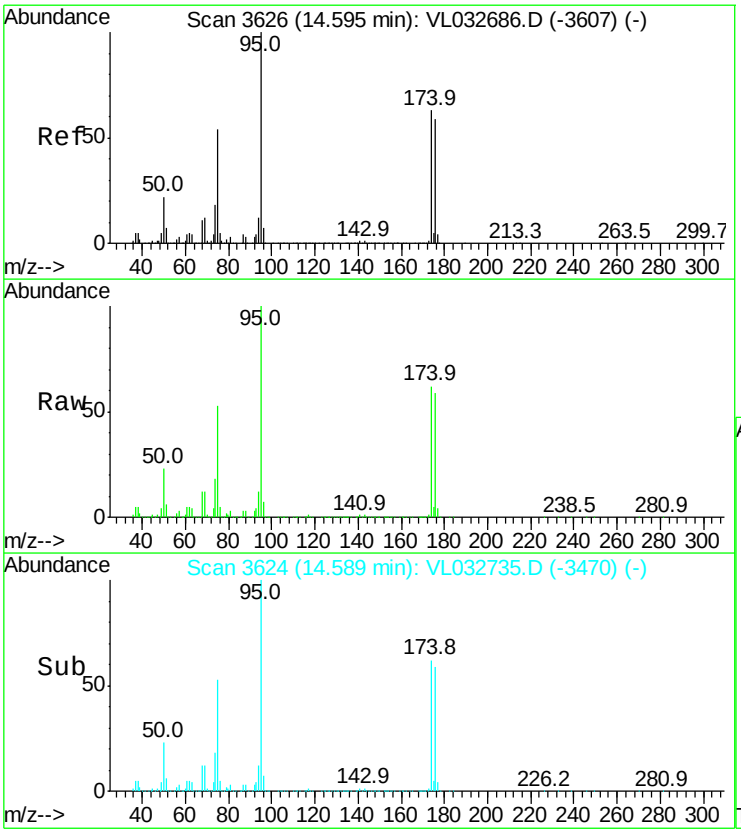
#65
tert-Butylbenzene
Concen: 0.119 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. 0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:119 Resp: 47743

Ion	Ratio	Lower	Upper
119	100		
91	194.5	67.8	101.8#
134	0.0	15.8	23.8#

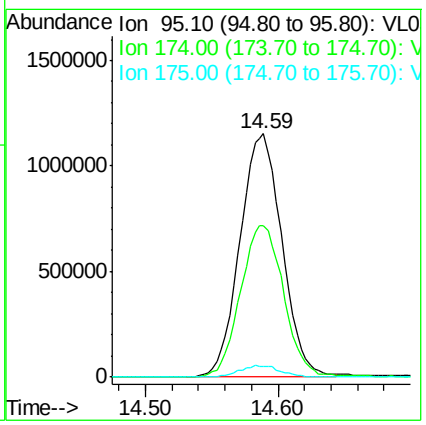


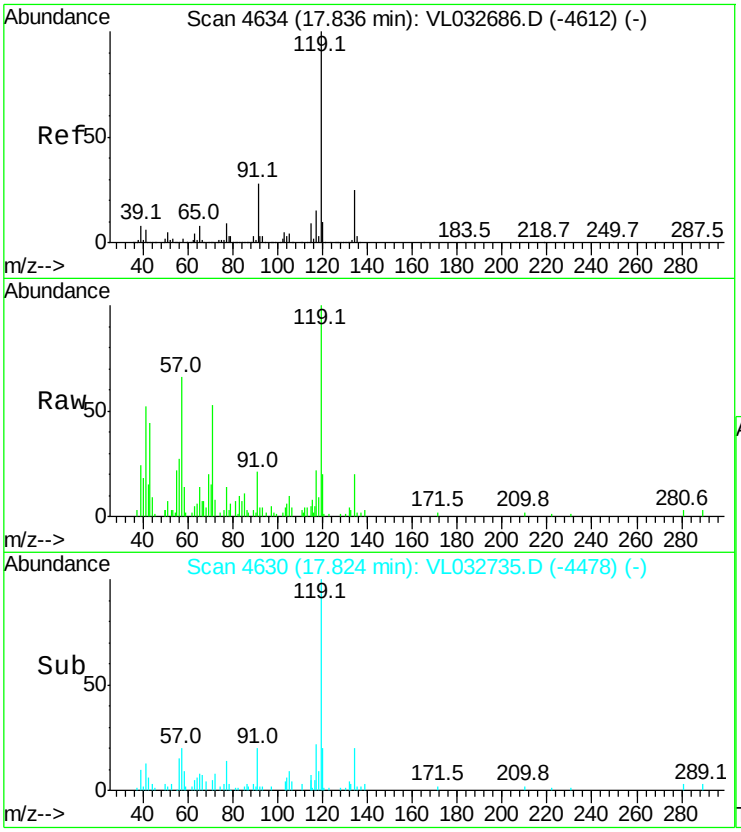


#68
1-Bromo-4-Fluorobenzene
Concen: 10.291 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 95 Resp: 2545385

Ion	Ratio	Lower	Upper
95	100		
174	64.7	46.0	69.0
175	4.6	3.4	5.0



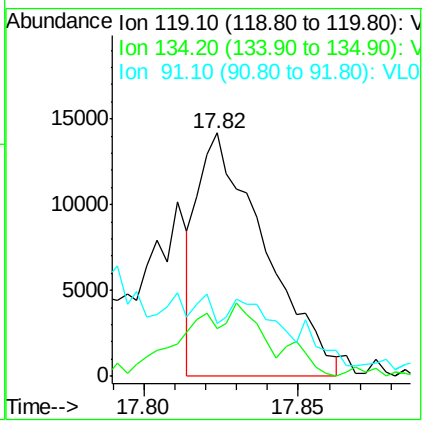


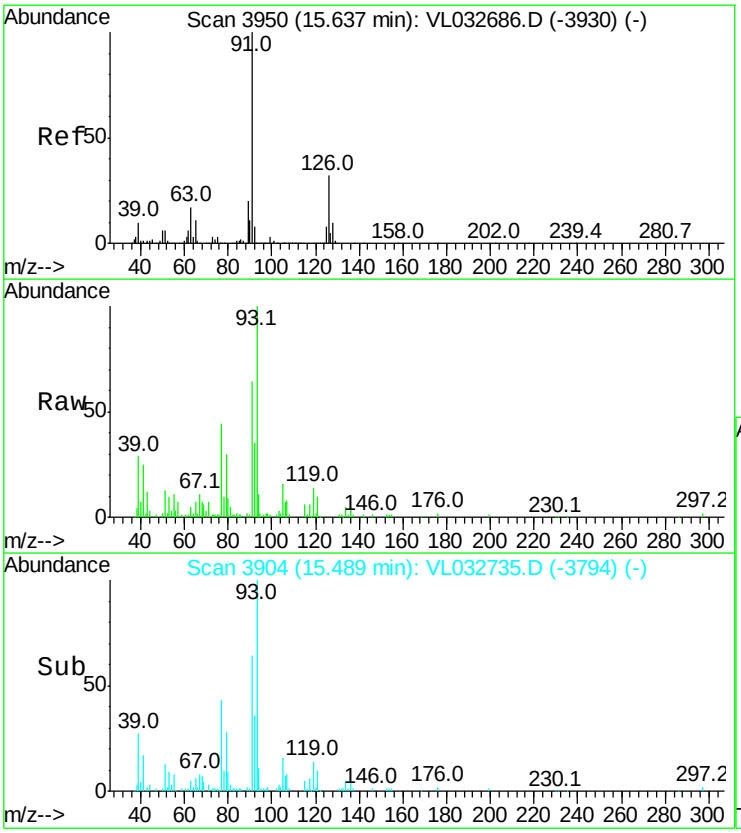
#69
p-Isopropyltoluene
Concen: 0.047 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:119 Resp: 21376

Ion	Ratio	Lower	Upper
119	100		
134	41.8	20.2	30.2#
91	0.0	24.0	36.0#

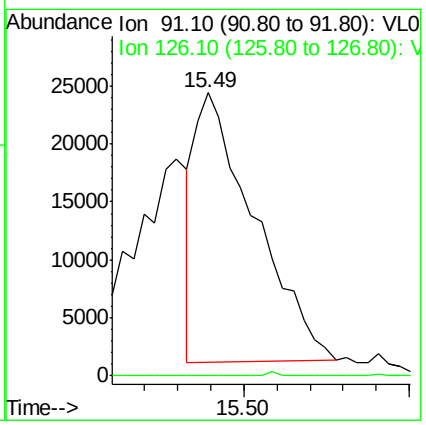


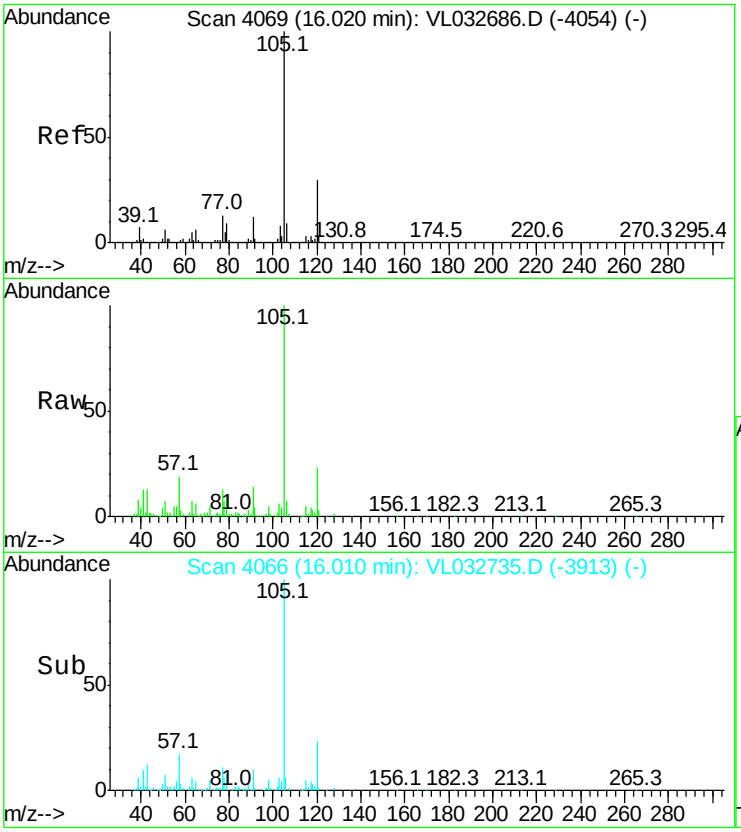


#71
2-Chlorotoluene
Concen: 0.086 ppbv
RT: 15.49 min Scan# 3904
Delta R.T. -0.14 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion: 91 Resp: 28822

Ion	Ratio	Lower	Upper
91	100		
126	0.4	11.8	47.4#



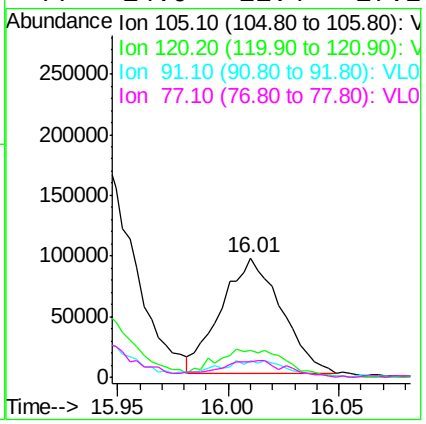


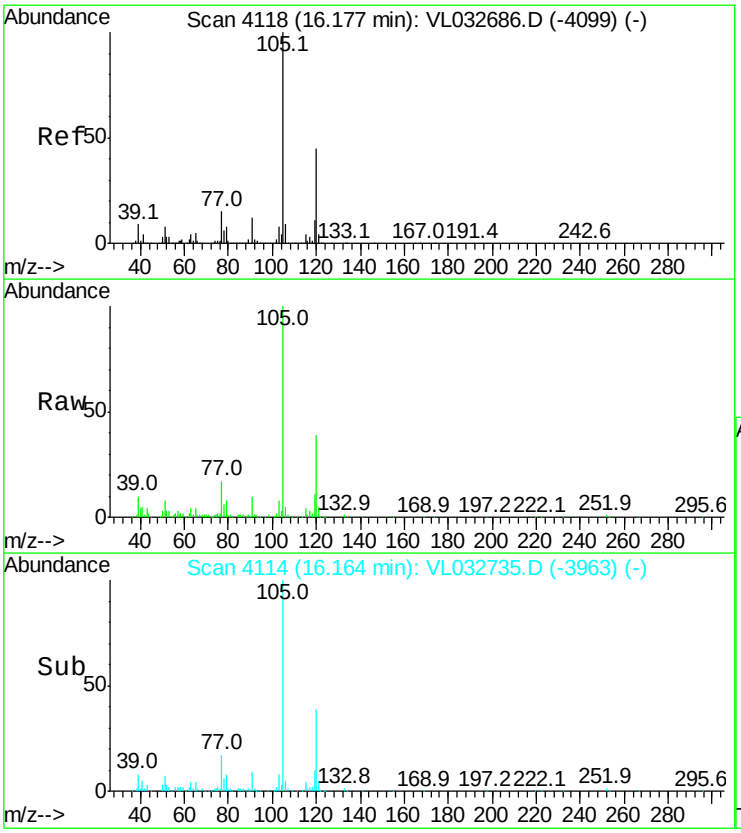
#72
4-Ethyltoluene
Concen: 0.511 ppbv
RT: 16.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:105 Resp: 180358

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.7	35.5
91	18.2	10.4	15.6#
77	14.9	11.4	17.2

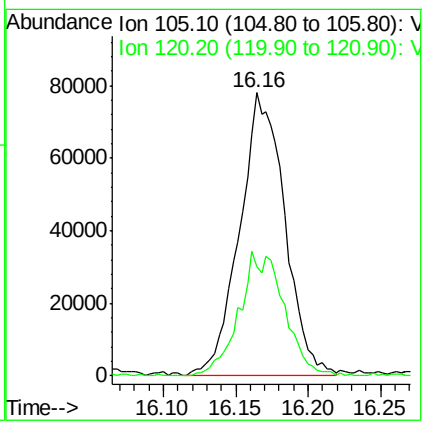


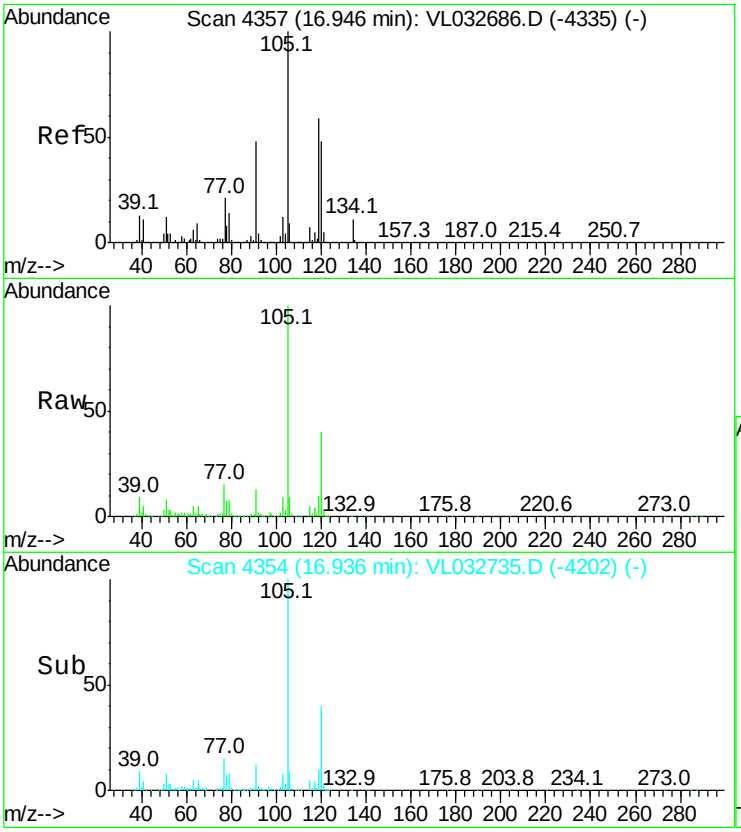


#73
1,3,5-Trimethylbenzene
Concen: 0.486 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:105 Resp: 167242

Ion	Ratio	Lower	Upper
105	100		
120	39.0	35.4	53.2



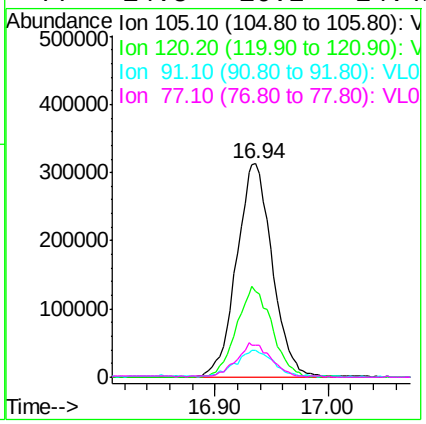


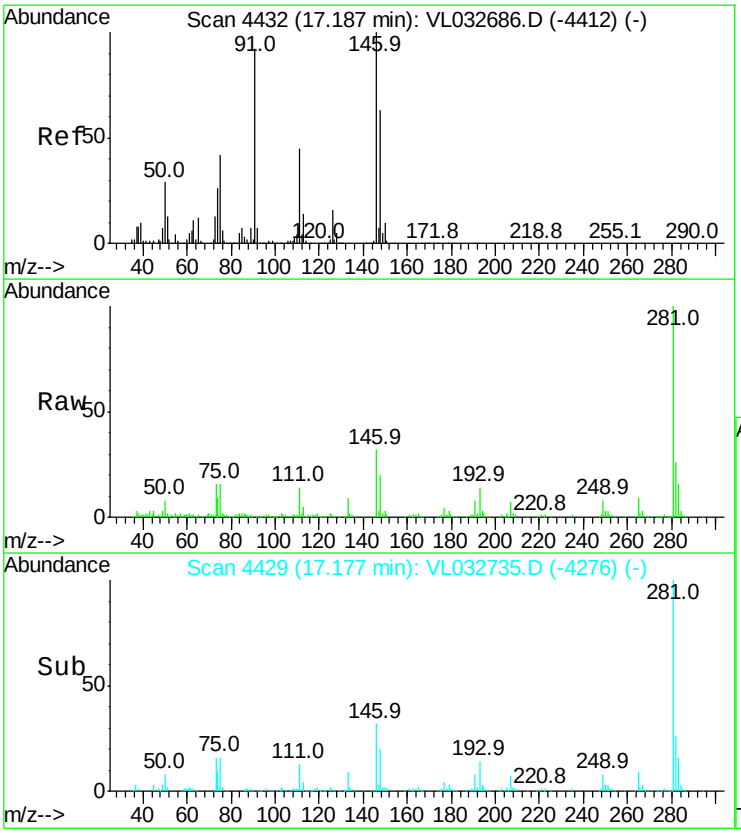
#74
1,2,4-Trimethylbenzene
Concen: 1.863 ppbv
RT: 16.94 min Scan# 4354
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:105 Resp: 684308

Ion	Ratio	Lower	Upper
105	100		
120	39.9	35.8	53.8
91	12.5	33.2	49.8#
77	14.5	16.2	24.4#

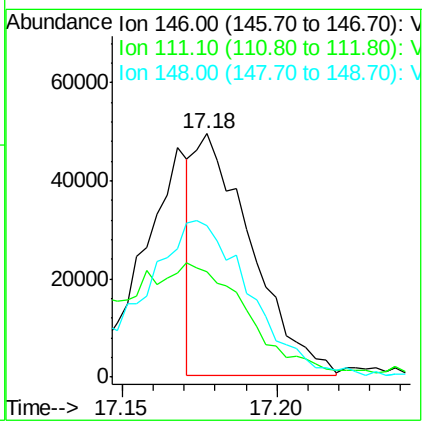


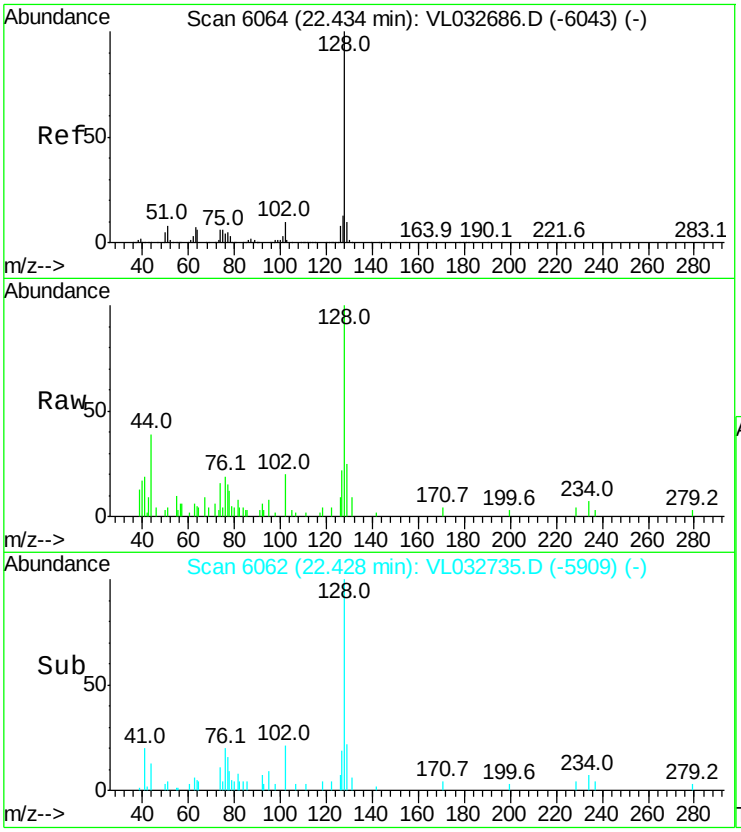


#75
1,3-Dichlorobenzene
Concen: 0.302 ppbv
RT: 17.18 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Tgt Ion:146 Resp: 63750

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	142.8	31.9	95.9#





#79
Naphthalene
Concen: 0.044 ppbv
RT: 22.43 min Scan# 6062
Delta R.T. -0.01 min
Lab File: VL032735.D
Acq: 8 Nov 2018 3:00

Instrument :
MSVOA_L
ClientSampleId :
IA-02

Tgt Ion:128 Resp: 10077

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	29.0	8.6	13.0#