Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\

Quantitation Report (Not Reviewed)

Data File : VV012524.D
Acq On : 02 Sep 2019 13:12
Operator : SY/MD
Sample : K4607-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD61

Quant Time: Sep 03 05:47:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160902	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63654	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	10073	0.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 12.80%#			
7) Chloroethane-d5	1.59	69	13687	0.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 17.80%#			
11) 1,1-Dichloroethene-d2	2.13	63	30135	0.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 15.80%#			
20) 2-Butanone-d5	3.93	46	125915	42.28	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.56%			
24) Chloroform-d	4.40	84	73392	3.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 61.00%#			
26) 1,2-Dichloroethane-d4	5.08	65	33022	2.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 53.00%#			
32) Benzene-d6	5.10	84	92296	2.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 41.40%#			
36) 1,2-Dichloropropane-d6	6.12	67	43690	3.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 62.60%			
41) Toluene-d8	7.36	98	82904	2.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 41.20%#			
43) trans-1,3-Dichloropropene-	7.66	79	14516	2.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.80%			
46) 2-Hexanone-d5	8.14	63	70309	36.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39306	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	50970	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			

Target Compounds						Qvalue
13) Acetone	2.19	43	17754	4.202	ug/L	95
14) Carbon disulfide	2.32	76	4311	0.064	ug/L #	62
15) Methyl Acetate	2.30	43	5829	0.569	ug/L #	60
35) Methylcyclohexane	6.12	83	10654	0.390	ug/L #	18
42) Toluene	7.43	91	77873	1.105	ug/L	96
48) 2-Hexanone	8.14	43	10863	1.537	ug/L #	70
53) m,p-xylene	9.18	106	3004	0.108	ug/L	95
54) o-xylene	9.59	106	2337	0.089	ug/L	81
55) Styrene	9.60	104	100877	2.253	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	2747	0.097	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	1994	0.098	ug/L #	61
68) 1,2,4-trichlorobenzene	13.32	180	1937	0.132	ug/L	98
69) Naphthalene	13.56	128	3751	0.173	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	1581	0.119	ug/L	83

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\

Quantitation Report (Not Reviewed)

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Acq On : 02 Sep 2019 13:12
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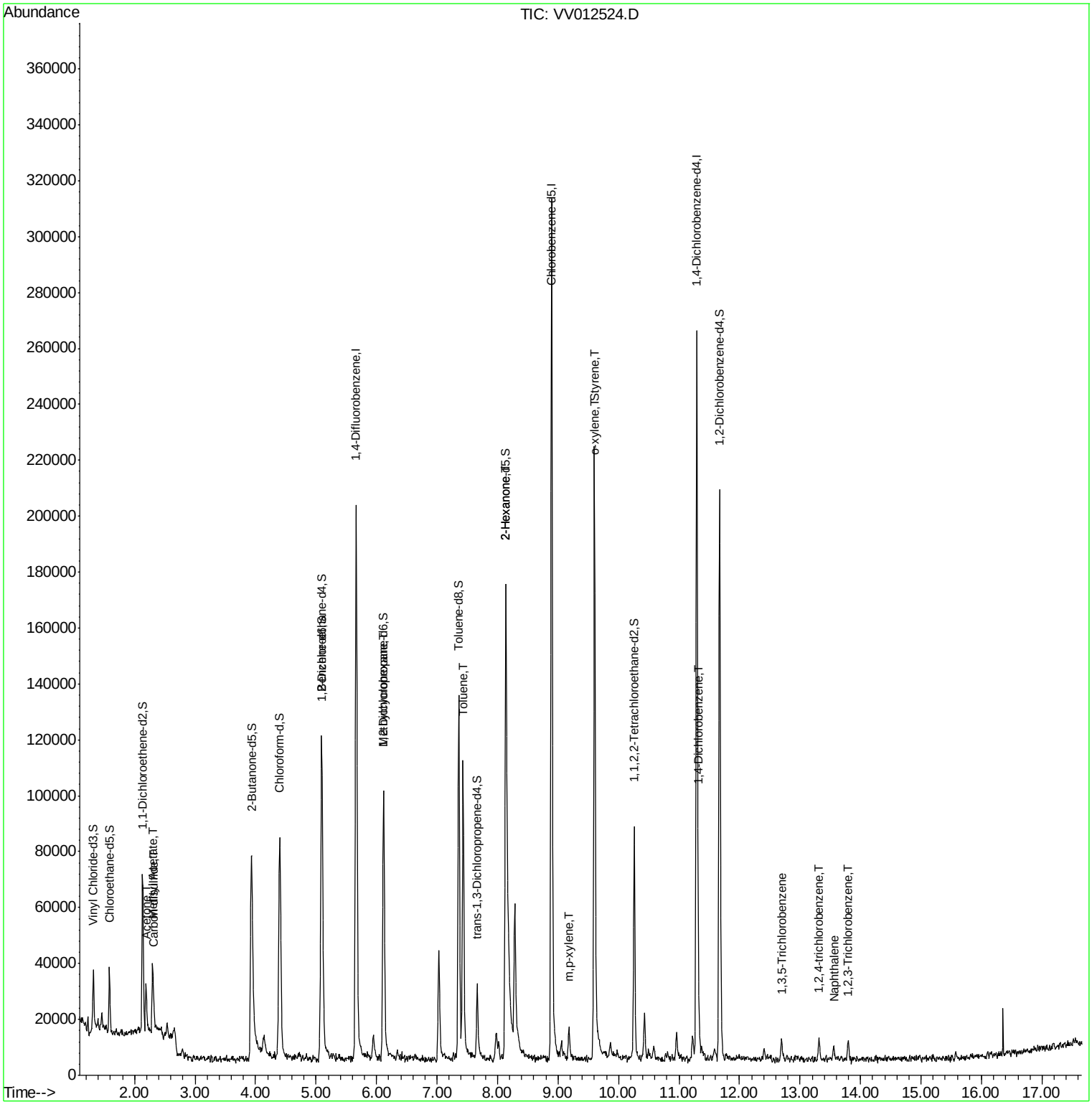
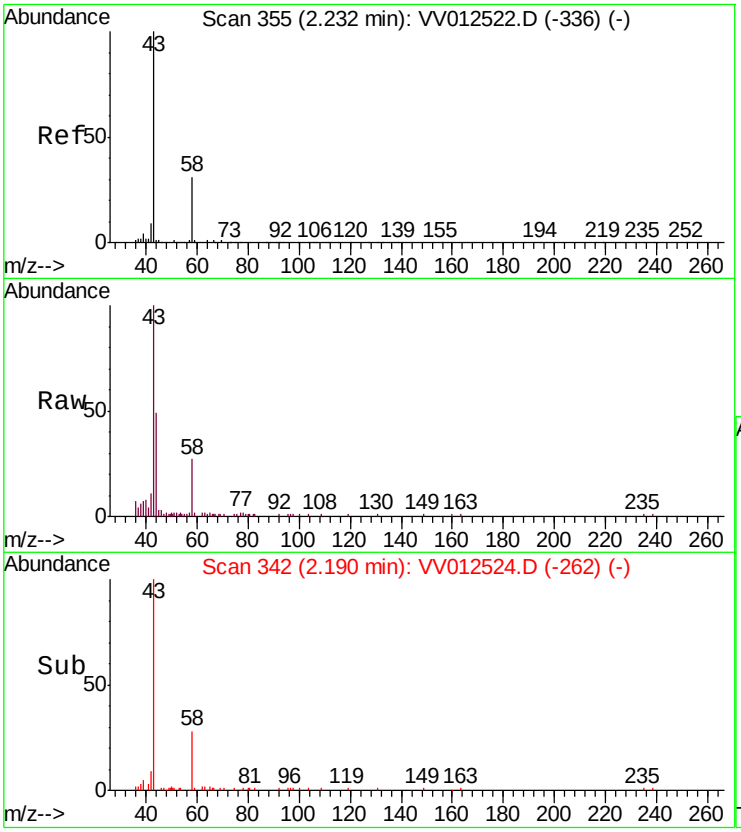
MSVOA_V
ClientSampleId :
BFD61

Quant Time: Sep 03 05:47:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration



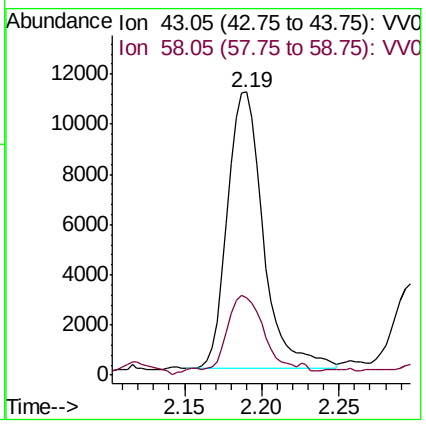


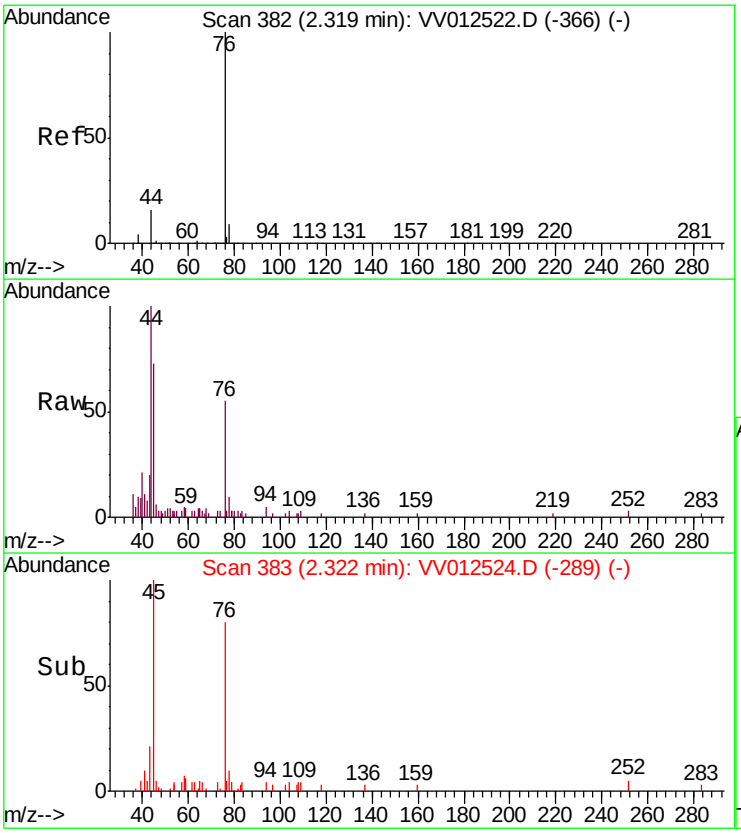
#13
Acetone
Concen: 4.202 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.04 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion: 43 Resp: 17754

Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	58.2

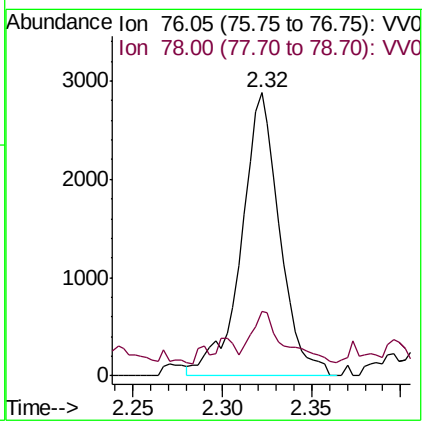


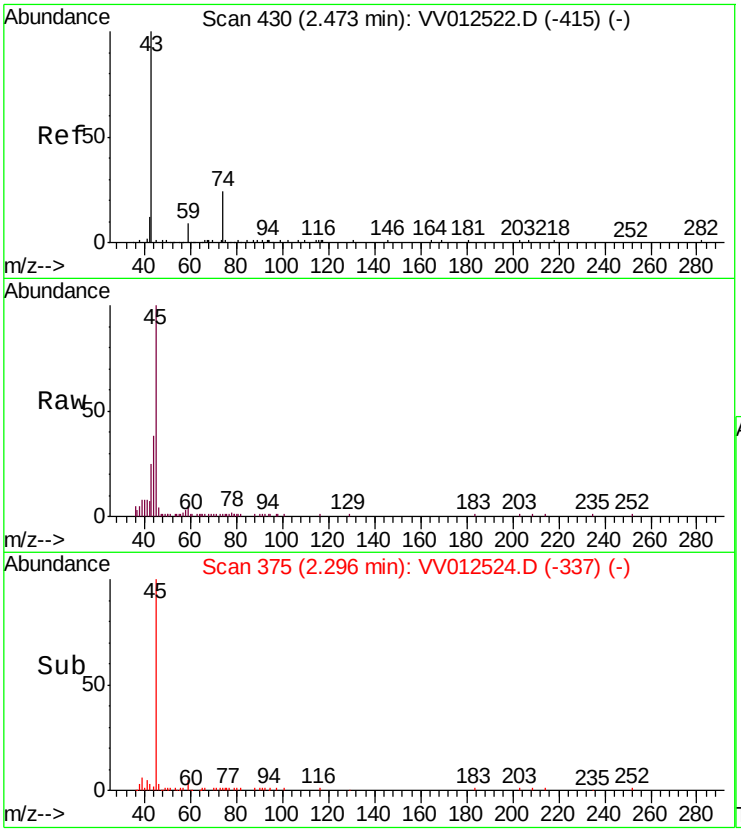


#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion: 76 Resp: 4311

Ion	Ratio	Lower	Upper
76	100		
78	23.0	7.4	11.0#



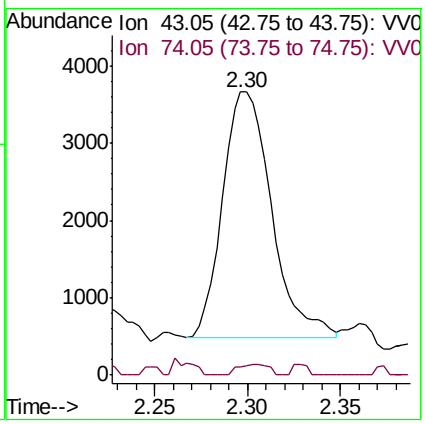


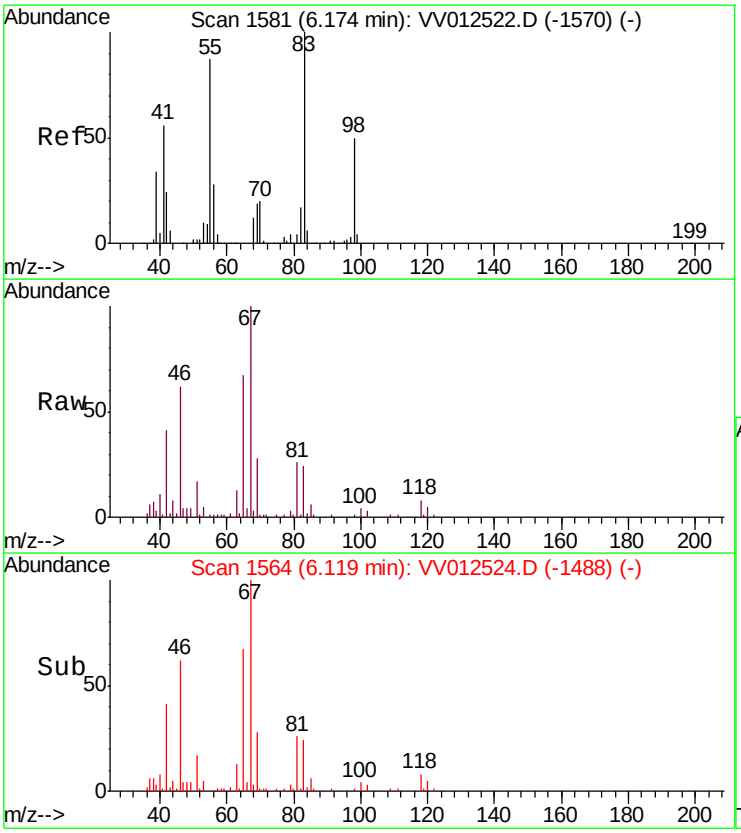
#15
Methyl Acetate
Concen: 0.569 ug/L
RT: 2.30 min Scan# 375
Delta R.T. -0.18 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion: 43 Resp: 5829

Ion	Ratio	Lower	Upper
43	100		
74	2.8	17.3	25.9#

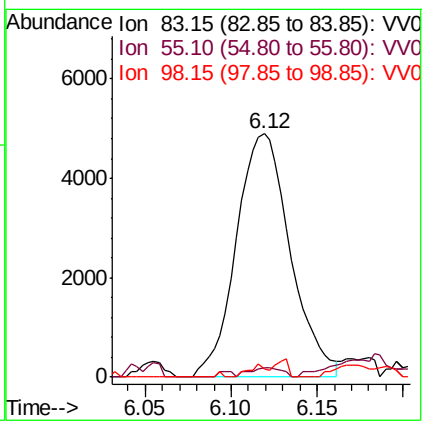


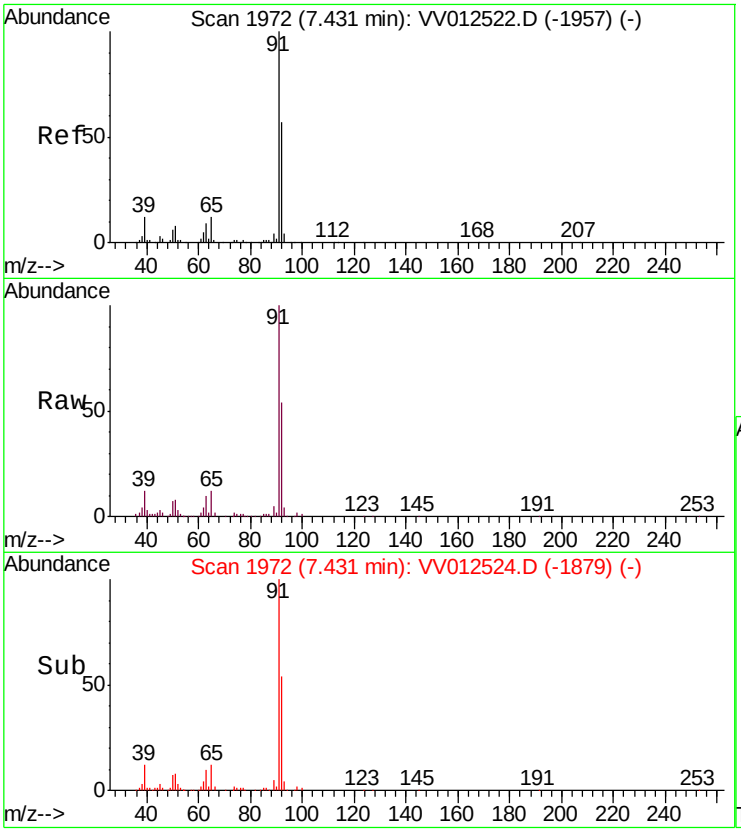


#35
Methylcyclohexane
Concen: 0.390 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion: 83 Resp: 10654

Ion	Ratio	Lower	Upper
83	100		
55	2.3	67.3	100.9#
98	1.7	37.4	56.2#



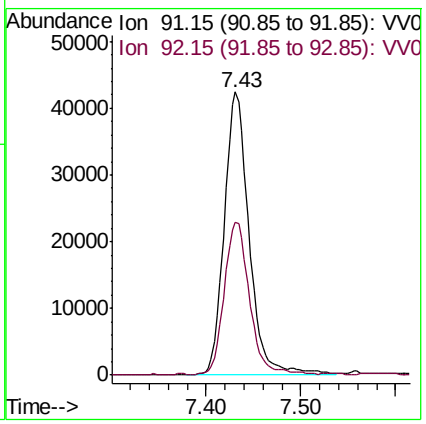


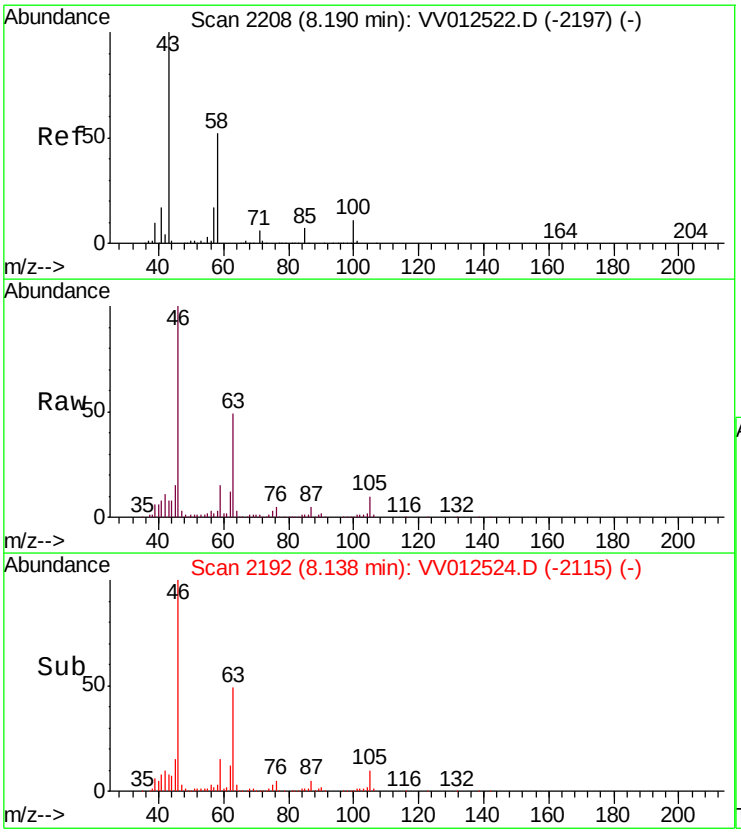
#42
Toluene
Concen: 1.105 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion: 91 Resp: 77873

Ion	Ratio	Lower	Upper
91	100		
92	54.0	39.6	73.6

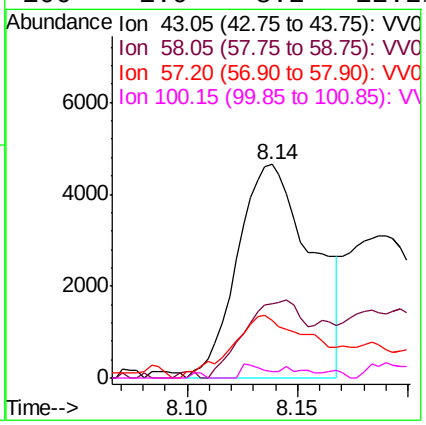


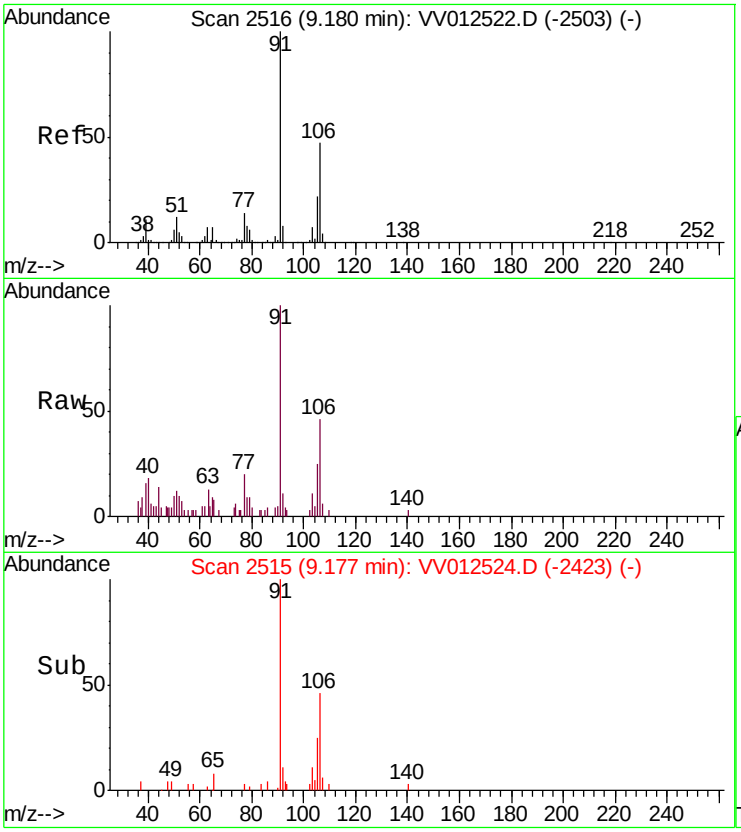


#48
2-Hexanone
Concen: 1.537 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion: 43 Resp: 10863

Ion	Ratio	Lower	Upper
43	100		
58	28.7	40.0	60.0#
57	30.9	13.4	20.2#
100	1.9	8.2	12.2#



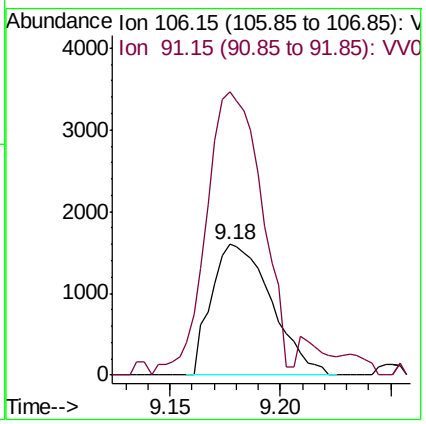


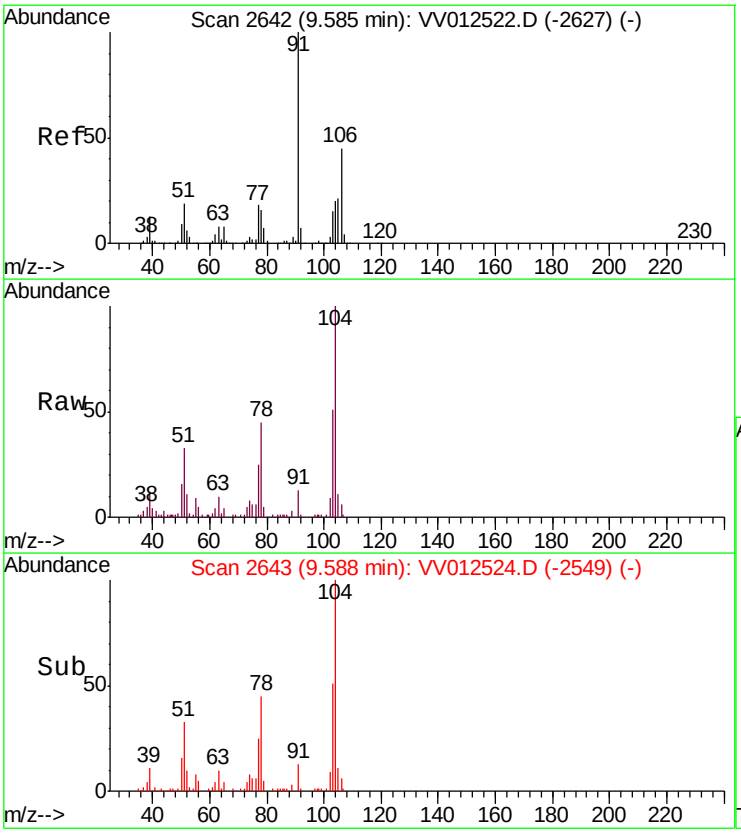
#53
m,p-xylene
Concen: 0.108 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion:106 Resp: 3004

Ion	Ratio	Lower	Upper
106	100		
91	216.4	145.8	270.8

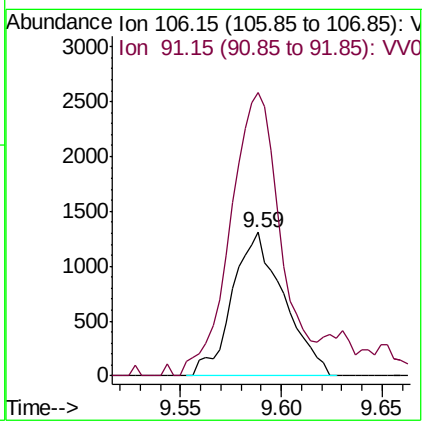


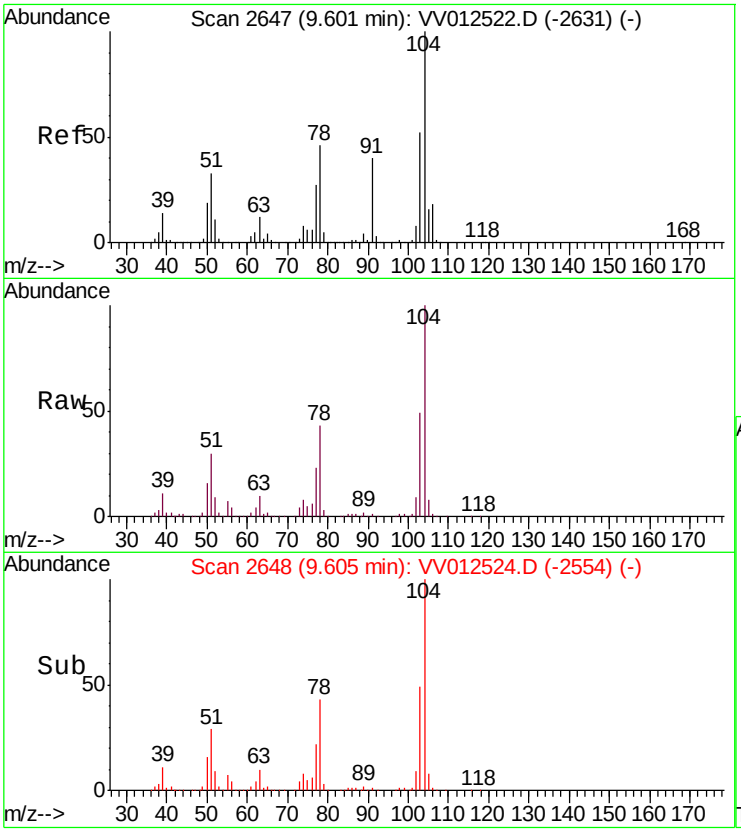


#54
o-xylene
Concen: 0.089 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion:106 Resp: 2337

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.5	296.3



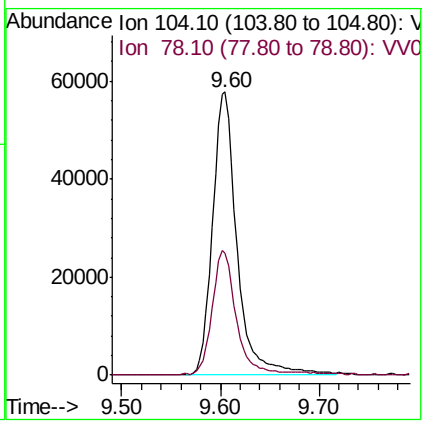


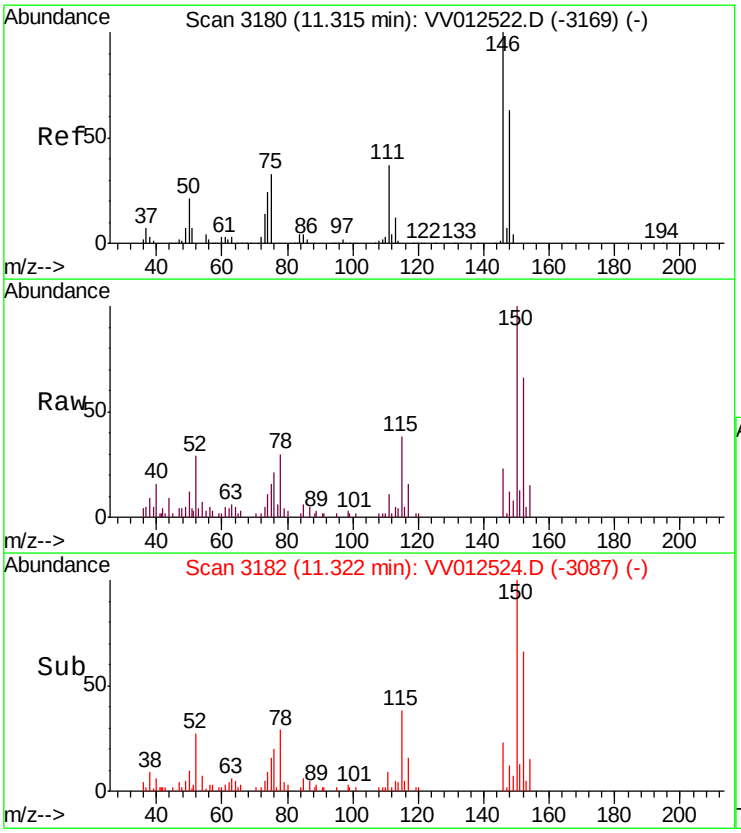
#55
Styrene
Concen: 2.253 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion:104 Resp: 100877

Ion	Ratio	Lower	Upper
104	100		
78	43.3	32.3	60.1

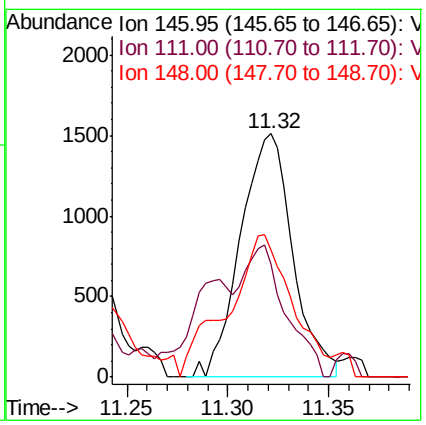


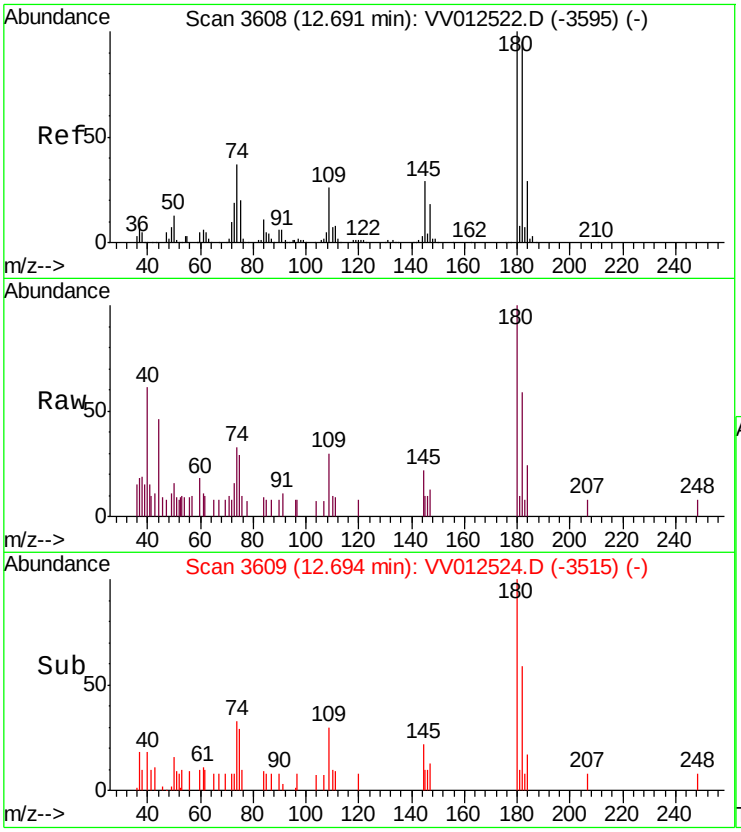


#63
1,4-Dichlorobenzene
Concen: 0.097 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.01 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion:146 Resp: 2747

Ion	Ratio	Lower	Upper
146	100		
111	46.5	27.9	51.7
148	52.1	44.9	83.3



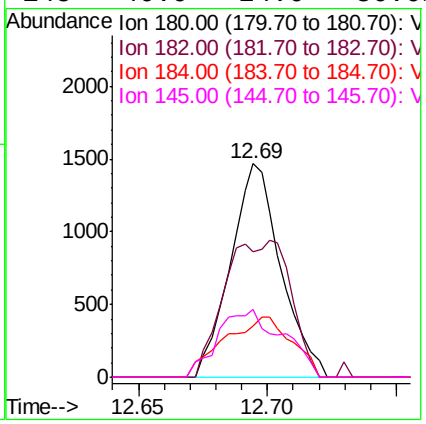


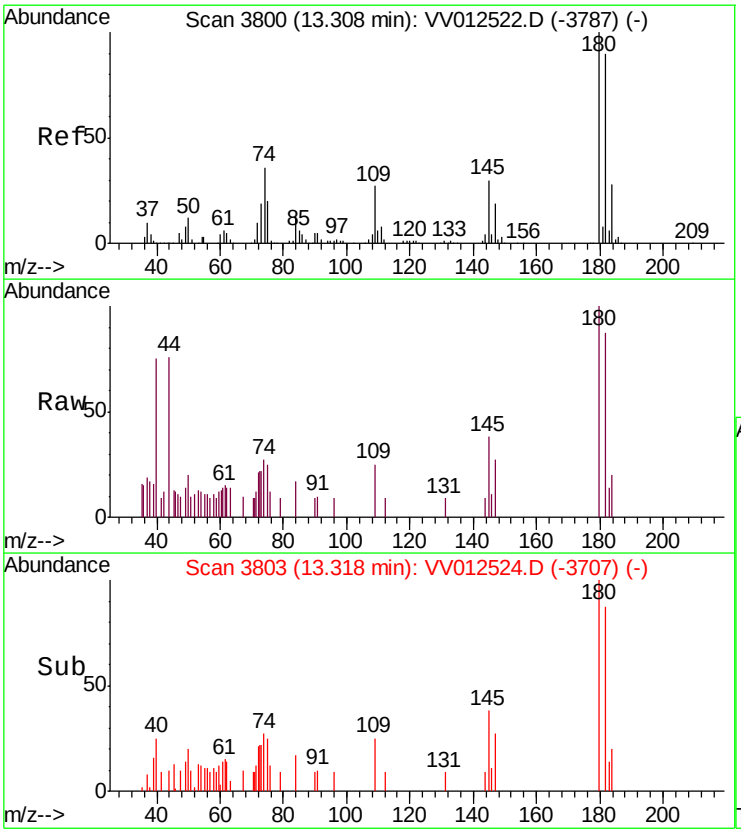
#67
1,3,5-Trichlorobenzene
Concen: 0.098 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Tgt Ion:180 Resp: 1994

Ion	Ratio	Lower	Upper
180	100		
182	42.2	74.4	111.6#
184	37.9	23.4	35.0#
145	40.9	24.0	36.0#

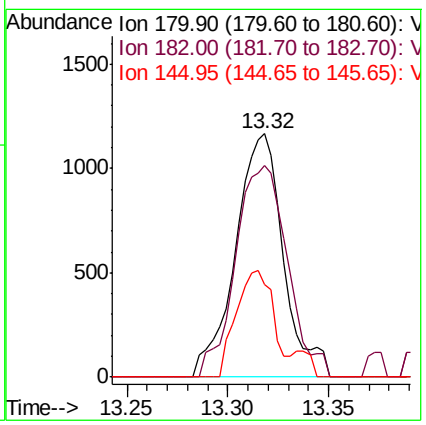


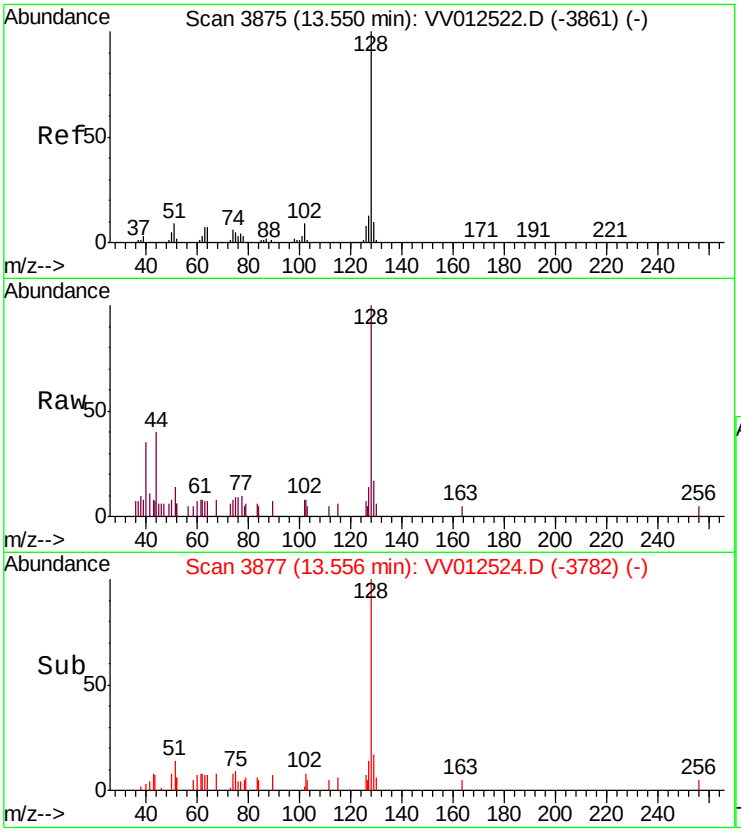


#68
1,2,4-trichlorobenzene
Concen: 0.132 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.01 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion:180 Resp: 1937

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	34.5	23.8	35.8



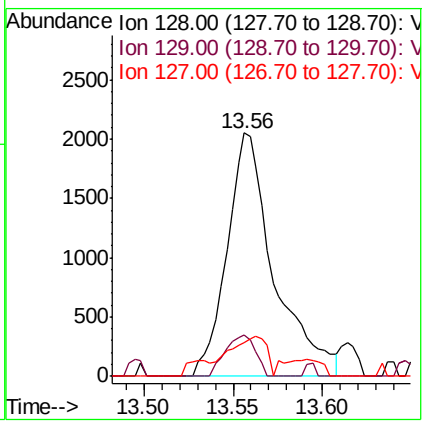


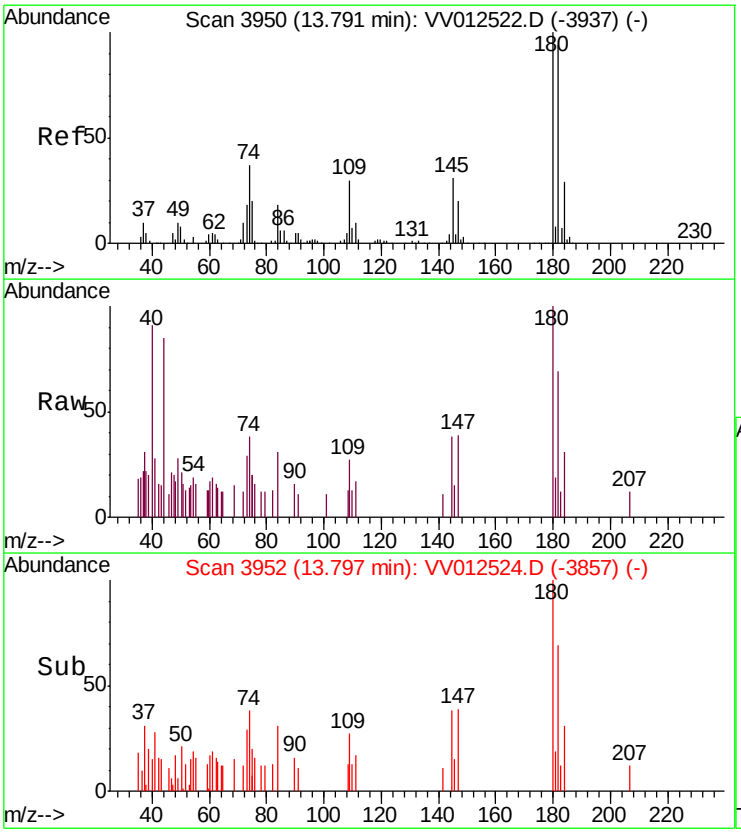
#69
Naphthalene
Concen: 0.173 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Instrument : MSVOA_V
ClientSampleId : BFD61

Tgt Ion:128 Resp: 3751

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	11.0	16.4





#70
1,2,3-Trichlorobenzene
Concen: 0.119 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.01 min
Lab File: VV012524.D
Acq: 02 Sep 2019 13:12

Tgt Ion:180 Resp: 1581

Ion	Ratio	Lower	Upper
180	100		
182	80.1	79.4	119.0
145	38.7	26.2	39.4