Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015929.D
Acq On : 06 May 2020 23:32
Operator : SY/MD
Sample : L2526-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 07 08:40:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	67486	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41084	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.58	69	38493	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.12	63	64372	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	3.93	46	114954	47.85	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.70%			
24) Chloroform-d	4.38	84	85502	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.06	65	52080	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.08	84	175633	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.10	67	54987	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.34	98	158335	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	7.64	79	18759	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.11	63	86078	43.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.28%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36502	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	58721	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
15) Methyl Acetate	2.47	43	864	0.251	ug/L #	51
17) Methyl tert-butyl Ether	2.79	73	8602	0.384	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	609	0.062	ug/L	67
25) Chloroform	4.41	83	43541	2.208	ug/L	96
27) 1,2-Dichloroethane	5.08	62	1112	0.091	ug/L #	76
35) Methylcyclohexane	6.10	83	13727	0.793	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6956	0.715	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1543	0.113	ug/L #	67
44) trans-1,3-Dichloropropene	7.65	75	1068	0.092	ug/L	87
47) Tetrachloroethene	8.00	164	11650	1.477	ug/L	97
48) 2-Hexanone	8.16	43	5078	1.172	ug/L #	50
49) Dibromochloromethane	8.00	129	10941	1.547	ug/L #	9

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

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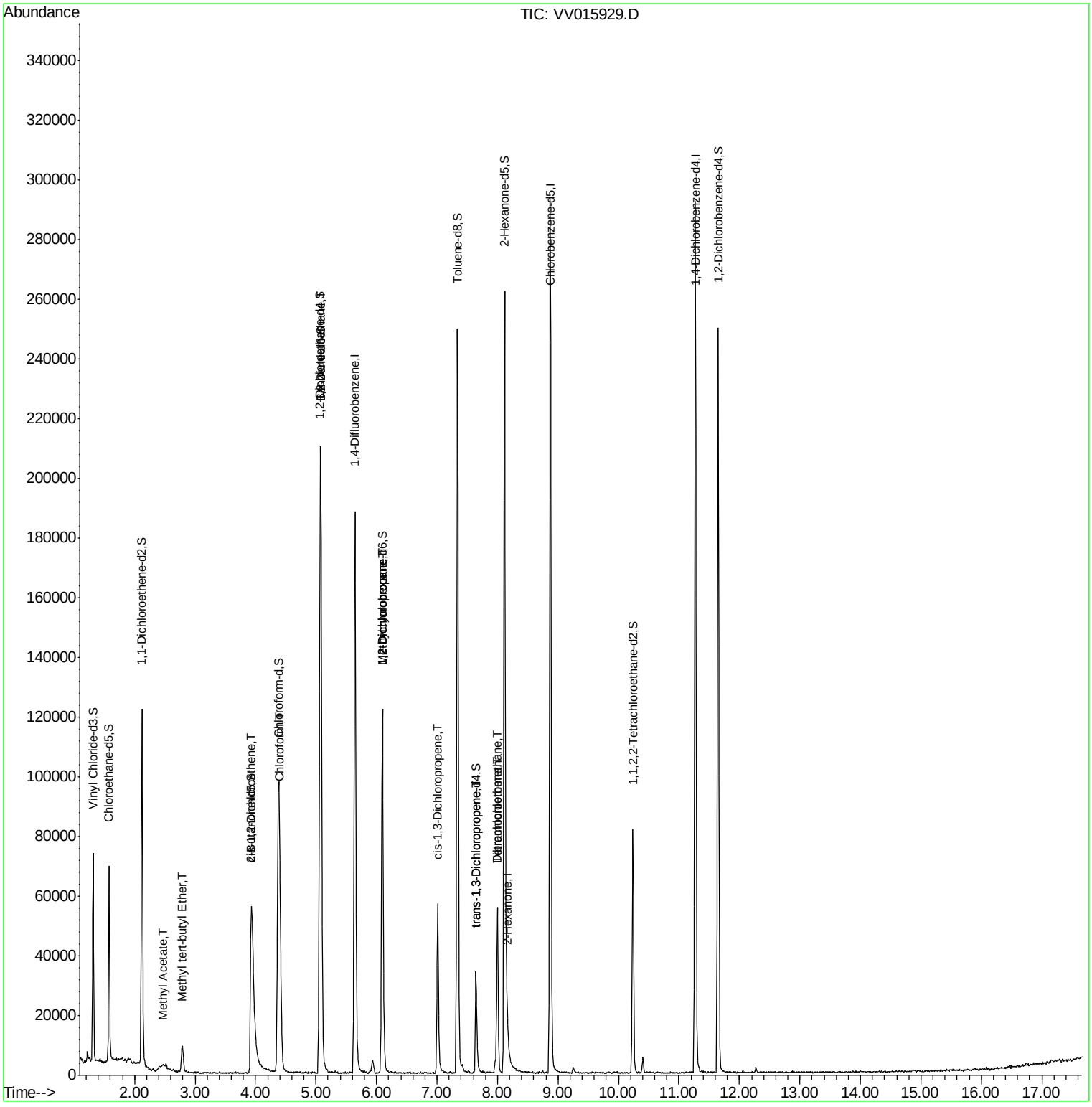
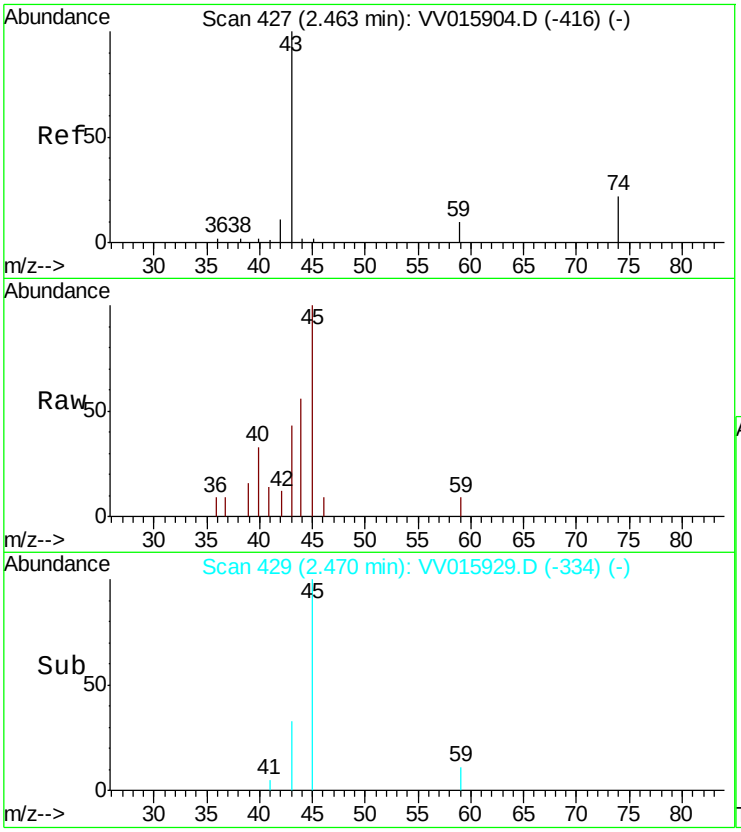
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration



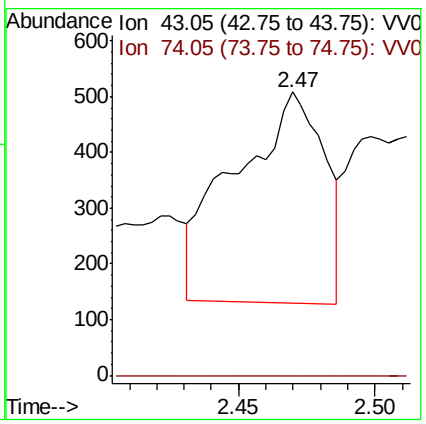


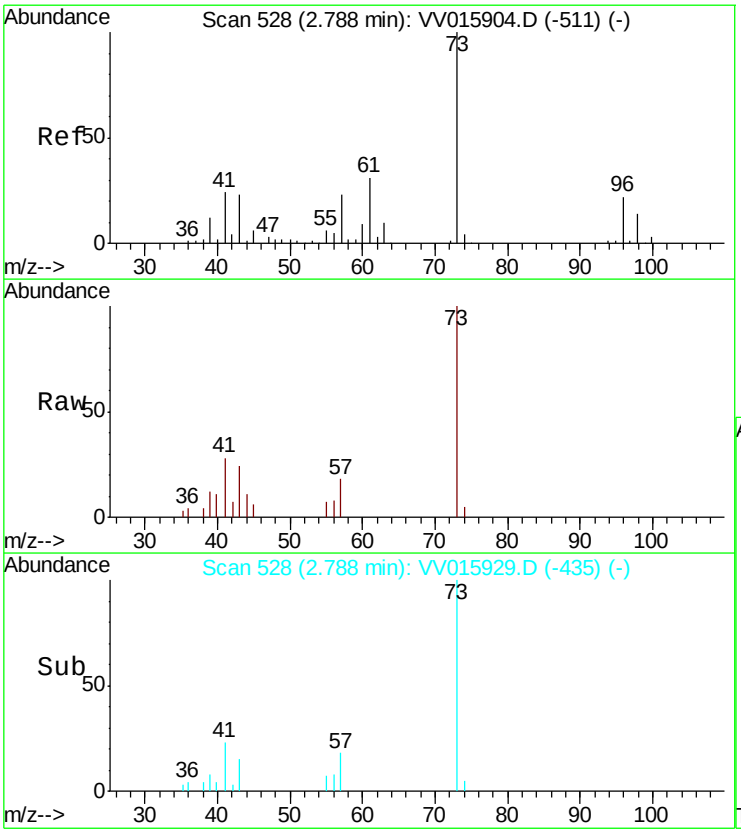
#15
Methyl Acetate
Concen: 0.251 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 864

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

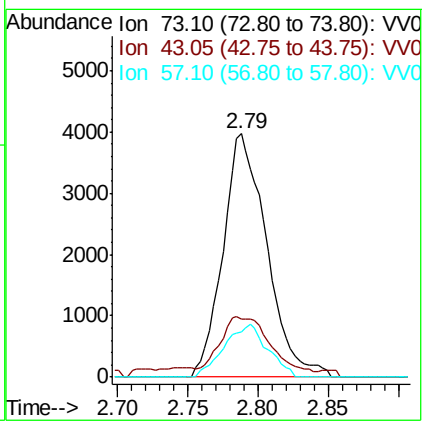


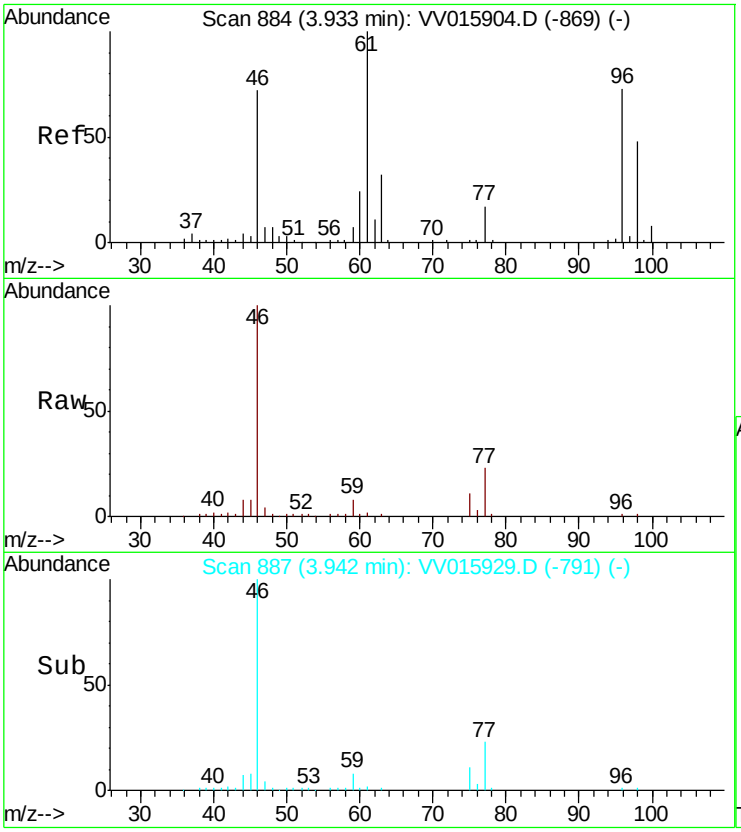


#17
Methyl tert-butyl Ether
Concen: 0.384 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion: 73 Resp: 8602

Ion	Ratio	Lower	Upper
73	100		
43	26.2	18.8	28.2
57	21.5	17.8	26.6



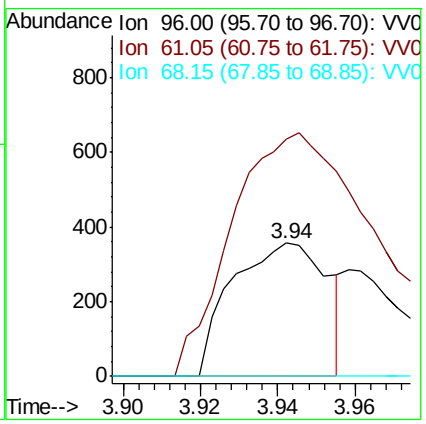


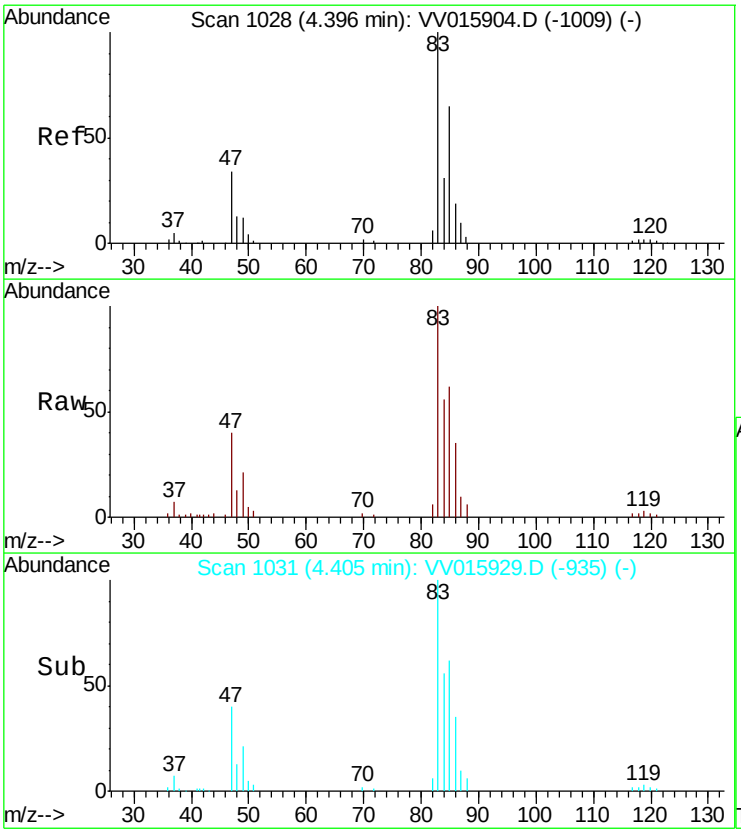
#22
cis-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 609

Ion	Ratio	Lower	Upper
96	100		
61	178.7	97.2	180.6
68	0.0	0.0	0.0

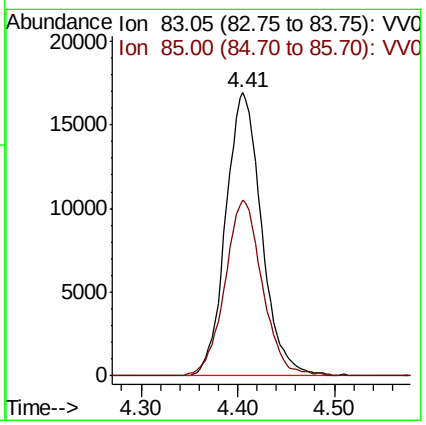


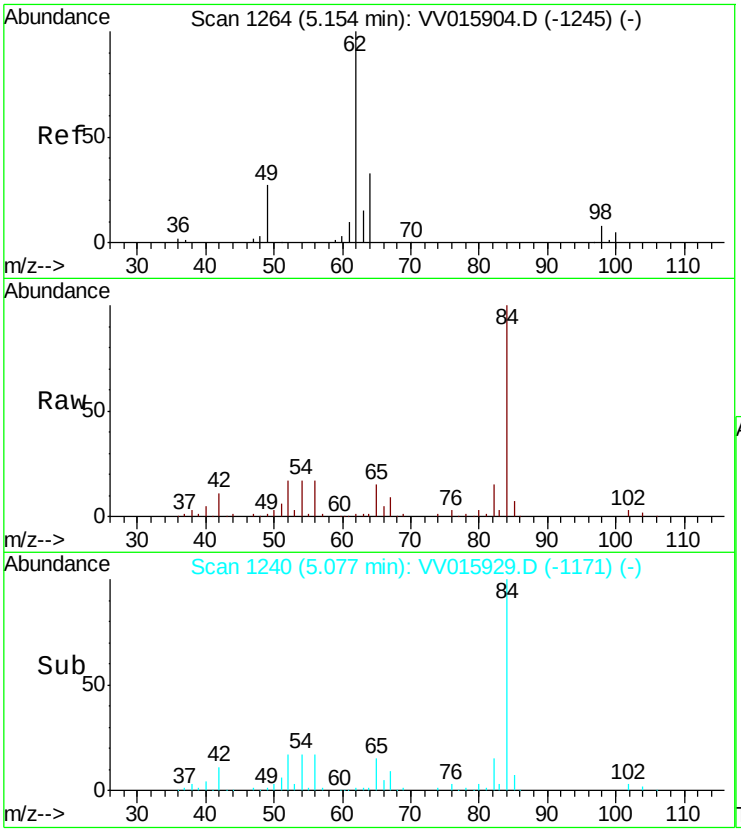


#25
Chloroform
Concen: 2.208 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion: 83 Resp: 43541

Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.7	84.9



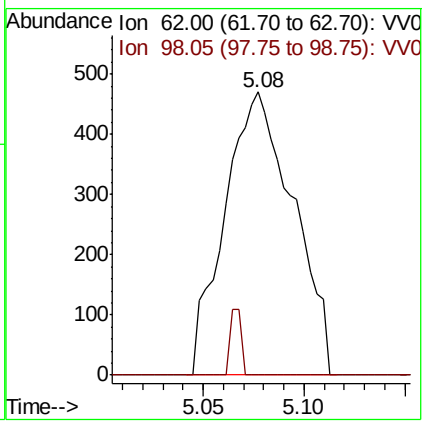


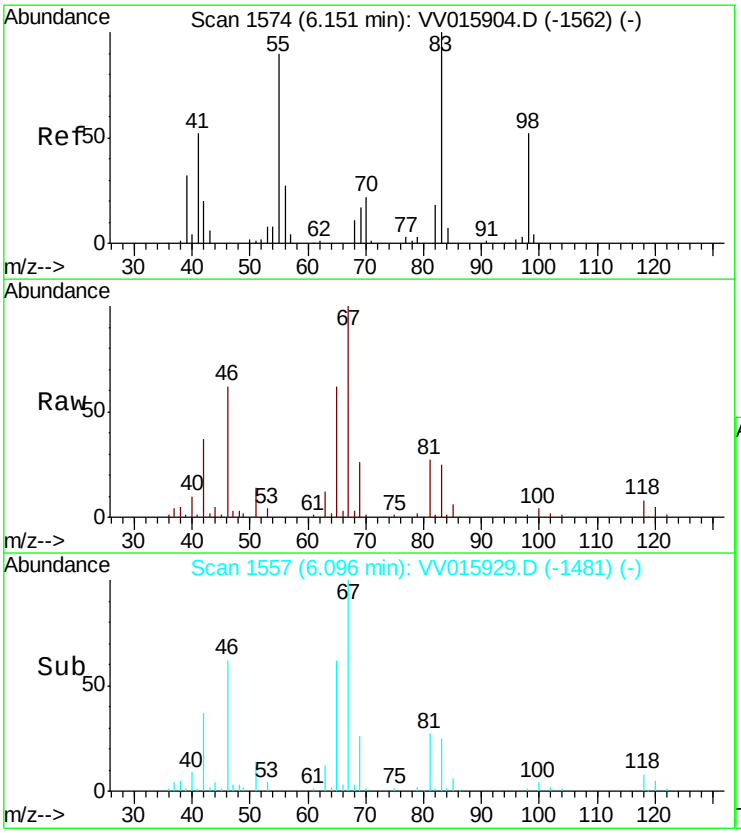
#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1112

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

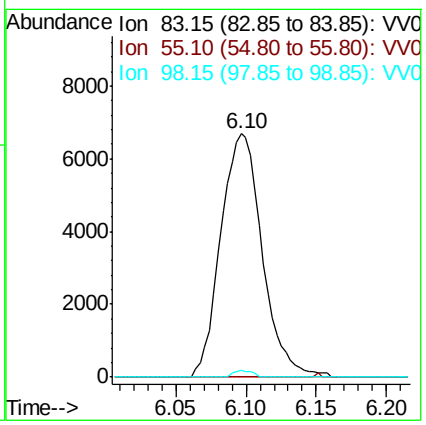


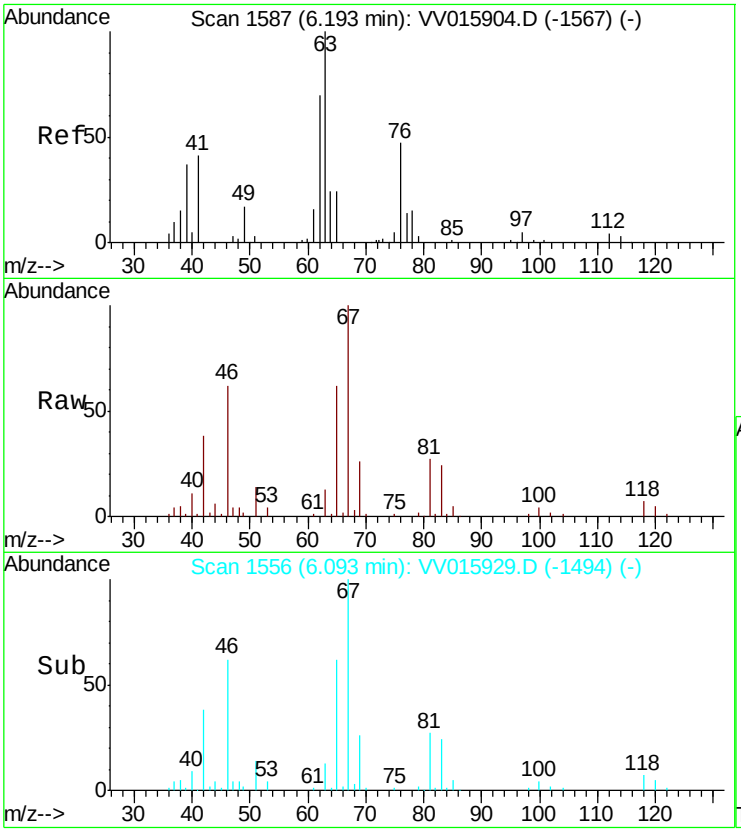


#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion: 83 Resp: 13727

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.2	99.2#
98	1.2	37.9	56.9#



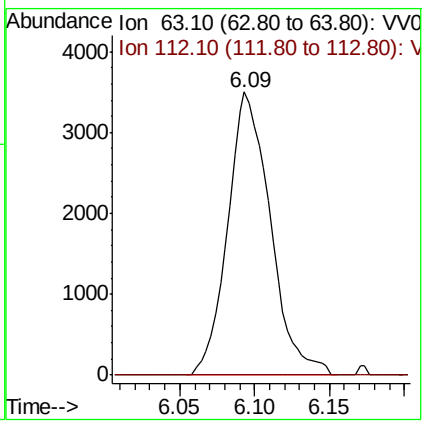


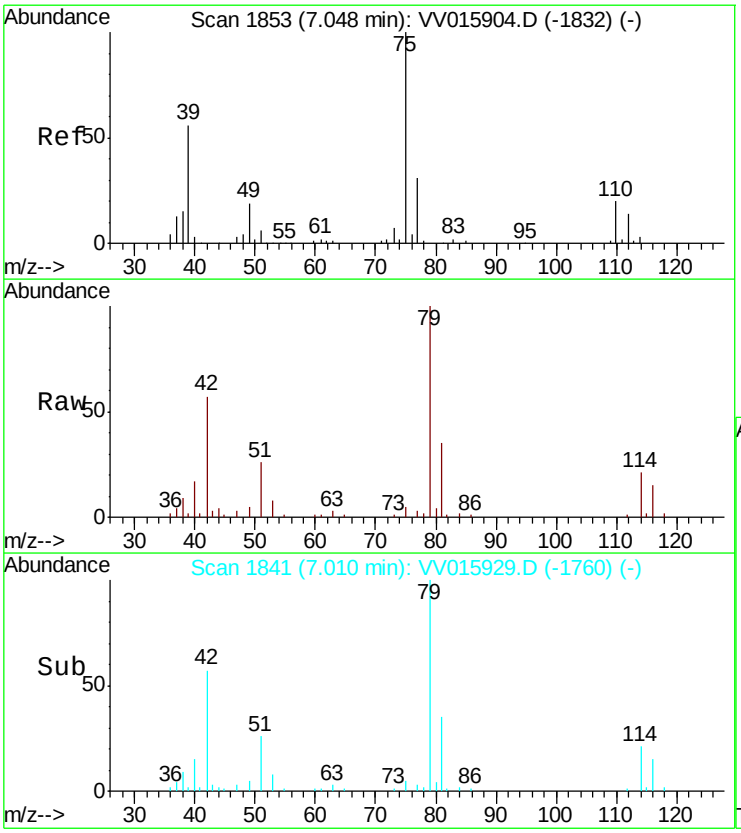
#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6956

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

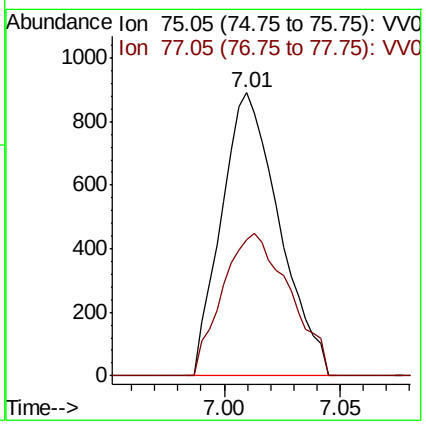


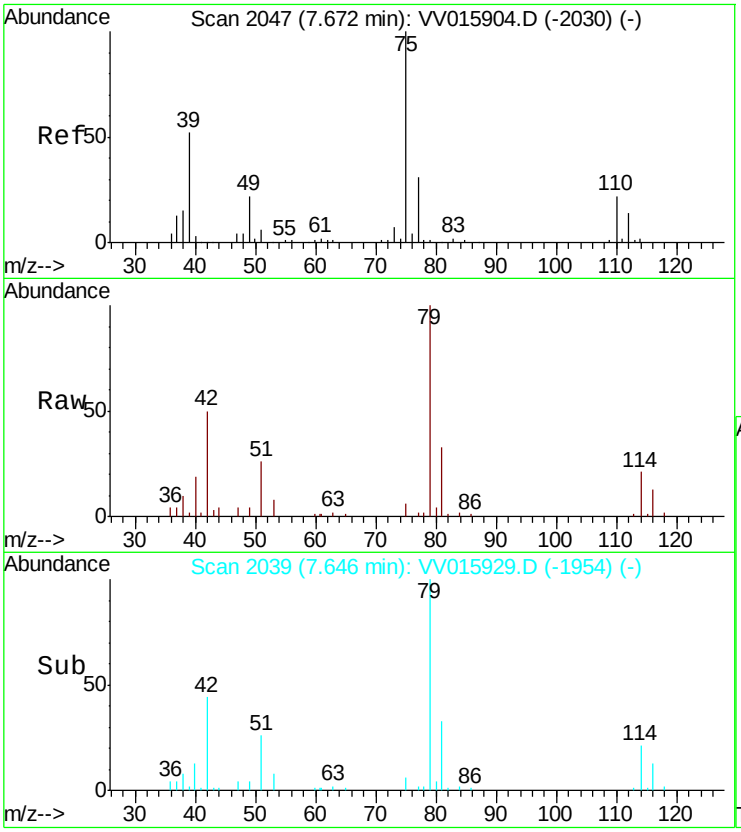


#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion: 75 Resp: 1543

Ion	Ratio	Lower	Upper
75	100		
77	48.1	21.3	39.5#



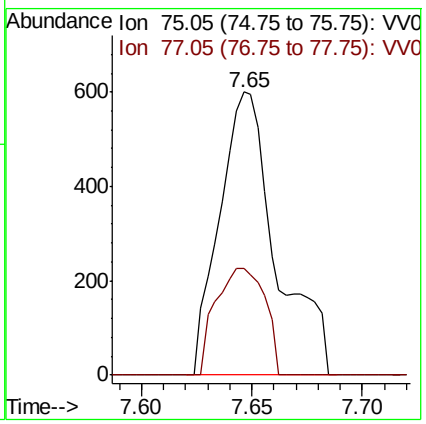


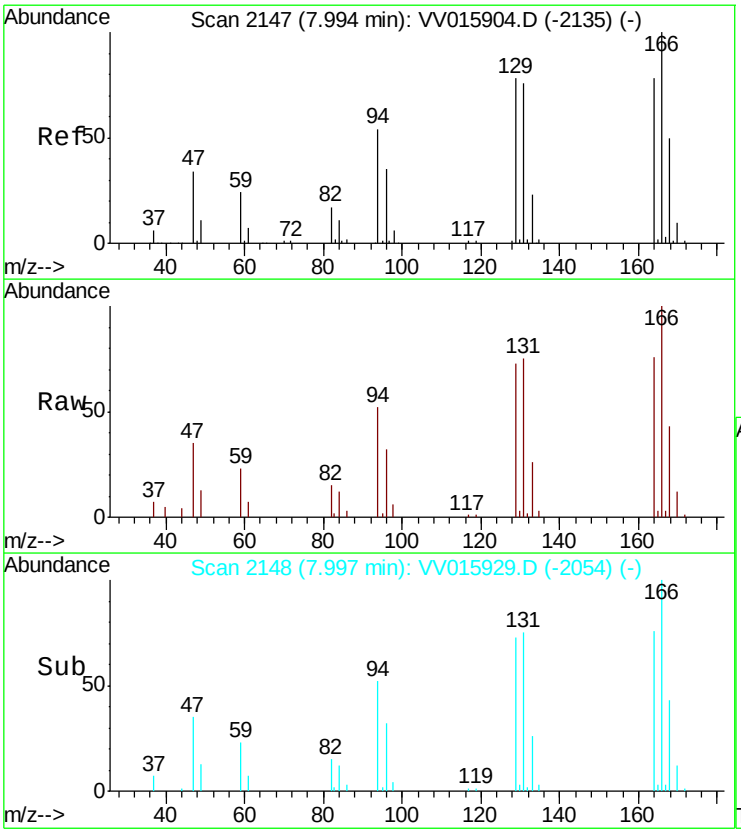
#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1068

Ion	Ratio	Lower	Upper
75	100		
77	37.7	21.3	39.6

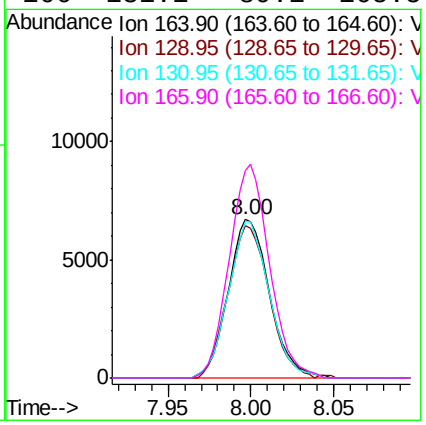


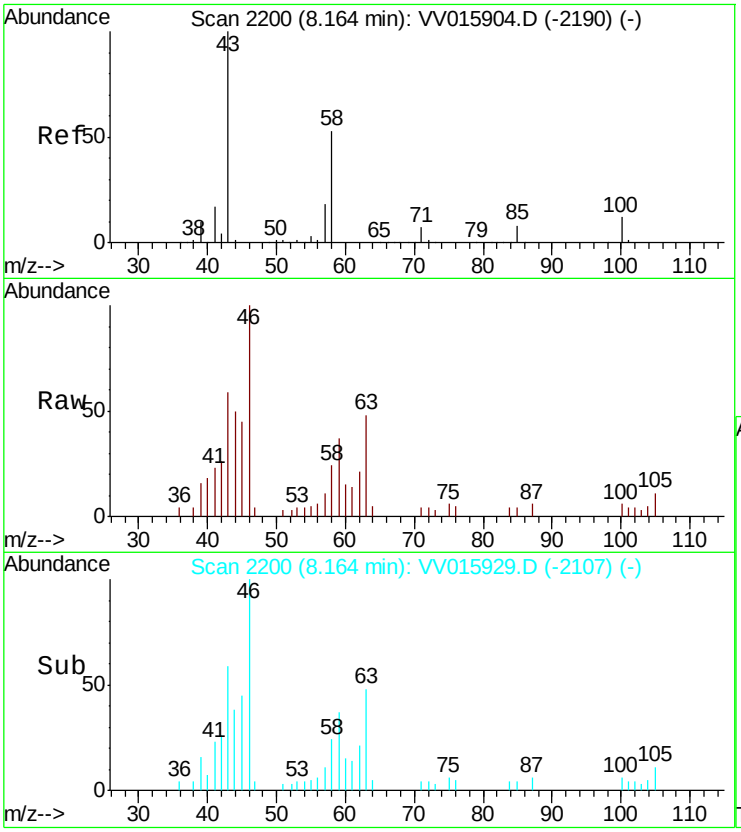


#47
Tetrachloroethene
Concen: 1.477 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion:164 Resp: 11650

Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.7	129.4
131	98.5	66.8	124.2
166	131.1	89.1	165.5



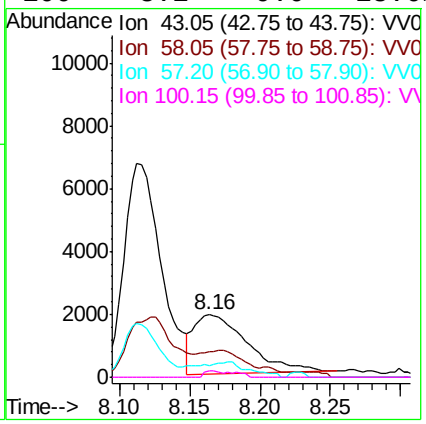


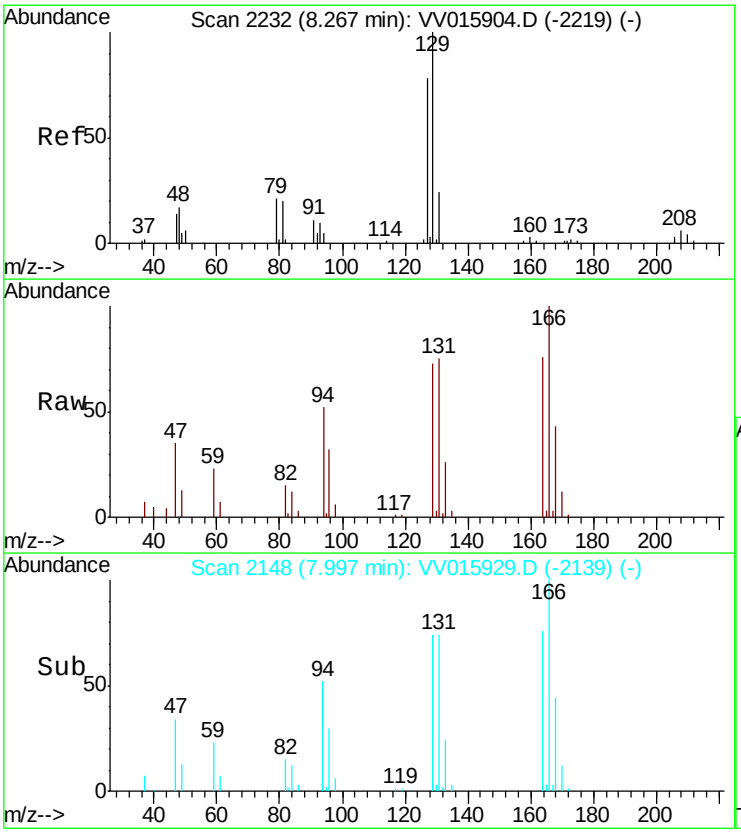
#48
2-Hexanone
Concen: 1.172 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5078

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	16.2	14.7	22.1
100	3.1	9.0	13.6#





#49
Dibromochloromethane
Concen: 1.547 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015929.D
Acq: 06 May 2020 23:32

Tgt Ion:129 Resp: 10941

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#