Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\

Quantitation Report (Not Reviewed)

Data File : VU041327.D
Acq On : 18 Nov 2020 21:24
Operator : SY/MD
Sample : L4790-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4394

Quant Time: Nov 19 00:53:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27125	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21790	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.92	69	19943	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.58	63	34440	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.66	46	98223	48.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.56%			
24) Chloroform-d	5.08	84	50879	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.72	65	32987	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.74	84	89047	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.70	67	31054	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.91	98	70845	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11917	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.64	63	67045	46.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27474	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27274	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			

Target Compounds						Qvalue
3) Chloromethane	1.52	50	575	0.097	ug/L	99
5) Vinyl chloride	1.61	62	464	0.081	ug/L #	1
8) Chloroethane	1.94	64	264	0.069	ug/L #	43
13) Acetone	2.67	43	2146	1.607	ug/L	91
14) Carbon disulfide	2.81	76	587	0.046	ug/L #	74
16) Methylene chloride	3.06	84	1140	0.210	ug/L	85
21) 2-Butanone	4.74	43	1928	0.951	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	541	0.114	ug/L #	49
27) 1,2-Dichloroethane	5.74	62	489	0.067	ug/L #	74
33) Benzene	5.74	78	743	0.040	ug/L	100
35) Methylcyclohexane	6.70	83	7045	1.062	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3656	0.677	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	799	0.106	ug/L #	66
42) Toluene	7.98	91	730	0.037	ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	579	0.081	ug/L #	50
48) 2-Hexanone	8.64	43	9713	2.912	ug/L #	74
51) Chlorobenzene	9.45	112	2182	0.167	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\

Quantitation Report (Not Reviewed)

Data File : VU041327.D
Acq On : 18 Nov 2020 21:24
Operator : SY/MD
Sample : L4790-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4394

Quant Time: Nov 19 00:53:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	895	0.117	ug/L	81
59) 1,2,3-Trichloropropane	11.81	75	3302	0.776	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\

Quantitation Report (Not Reviewed)

Data File : VU041327.D
Acq On : 18 Nov 2020 21:24
Operator : SY/MD
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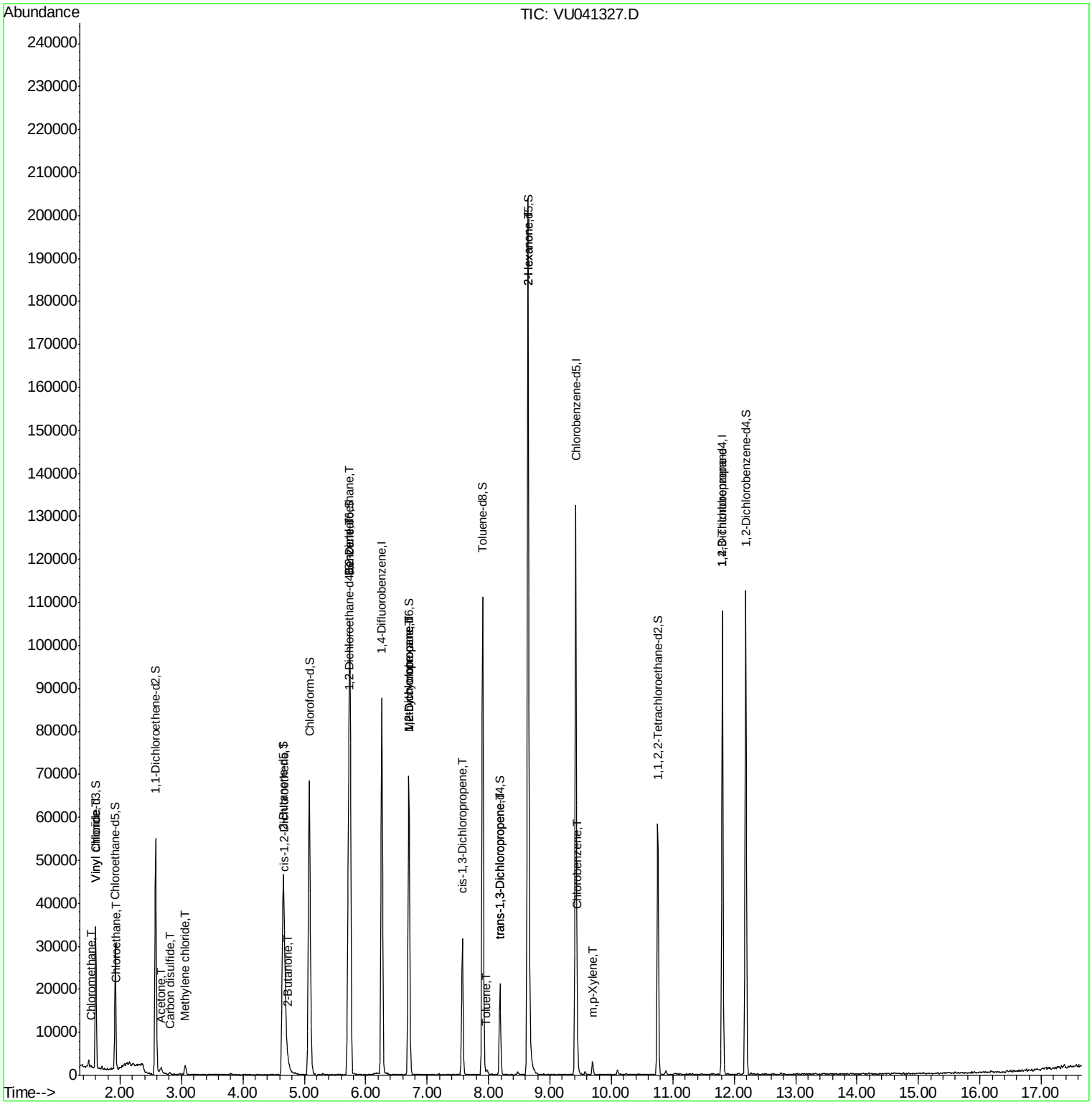
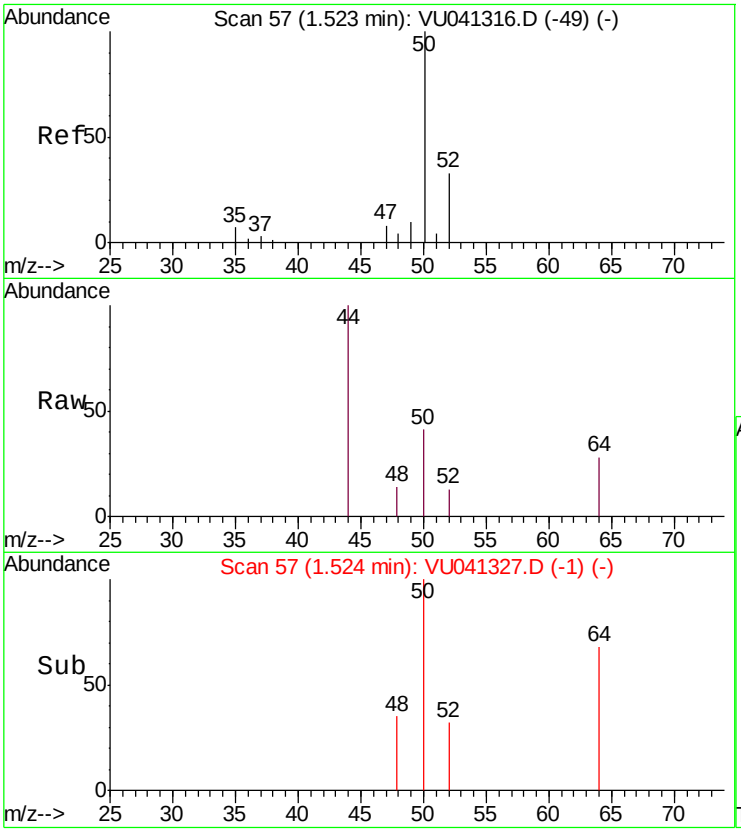
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration



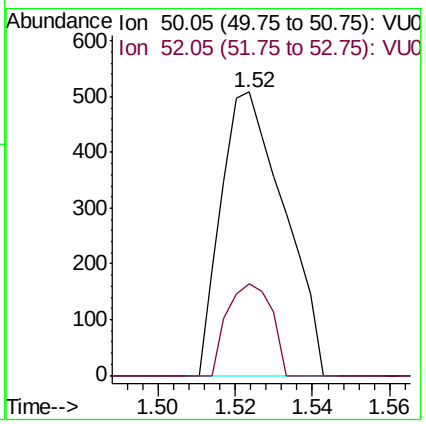


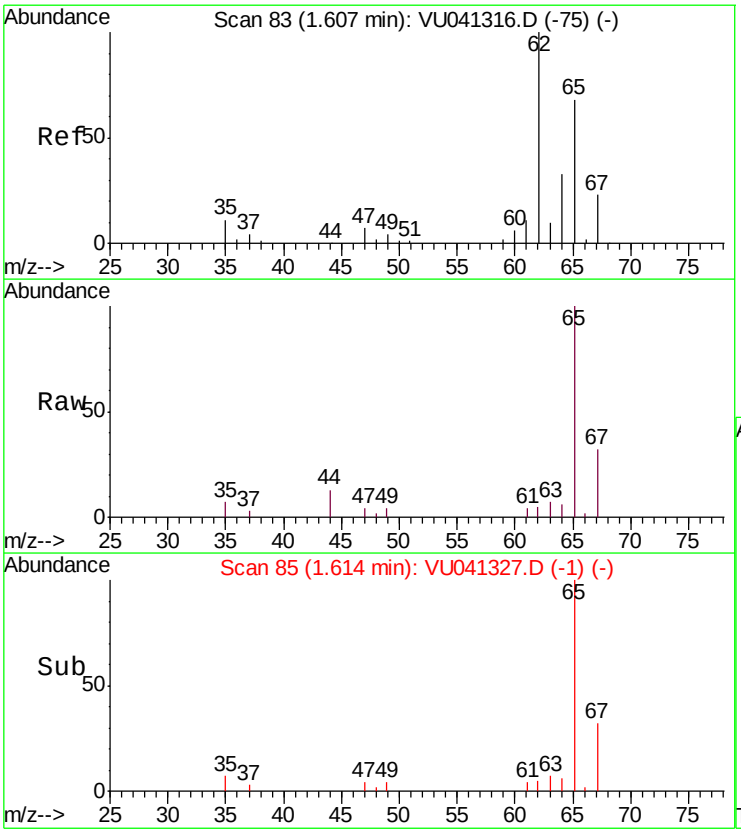
#3
Chloromethane
Concen: 0.097 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
H4394

Tgt Ion: 50 Resp: 575

Ion	Ratio	Lower	Upper
50	100		
52	32.5	22.4	41.6

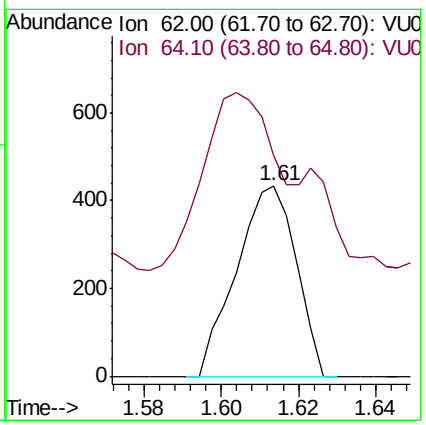


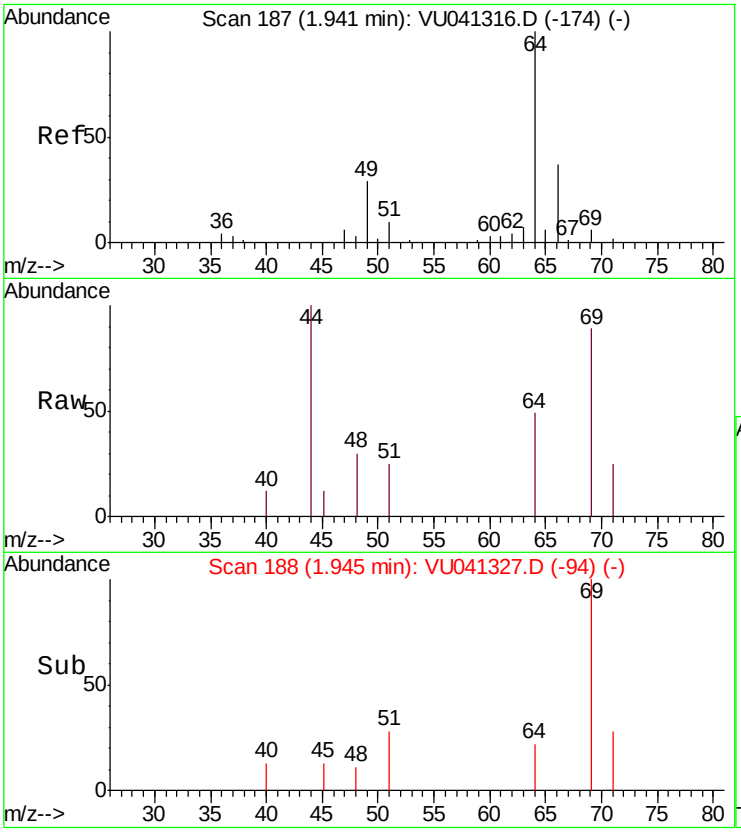


#5
Vinyl chloride
Concen: 0.081 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.01 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 62 Resp: 464

Ion	Ratio	Lower	Upper
62	100		
64	115.9	22.7	42.3#



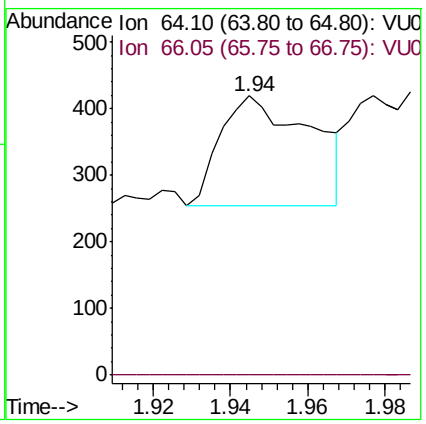


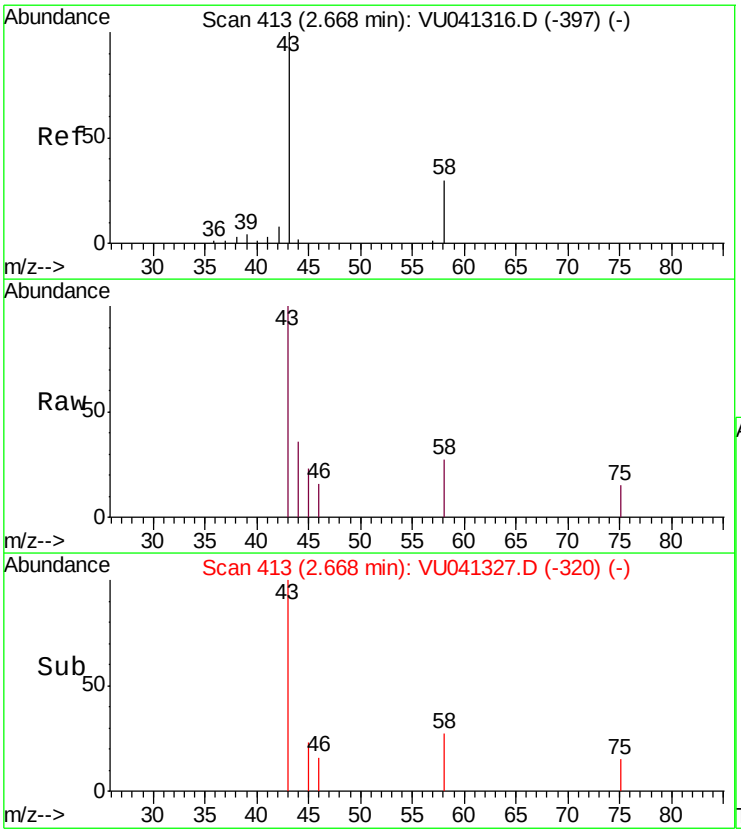
#8
Chloroethane
Concen: 0.069 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument : MSVOA_U
ClientSampleId : H4394

Tgt Ion: 64 Resp: 264

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#

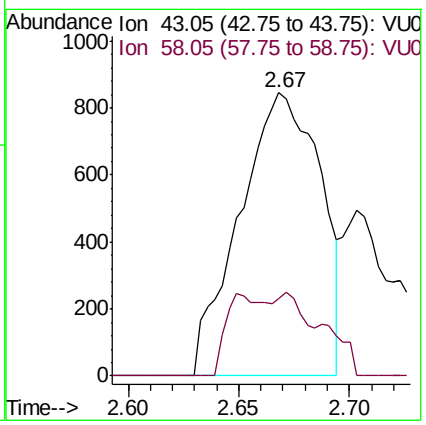


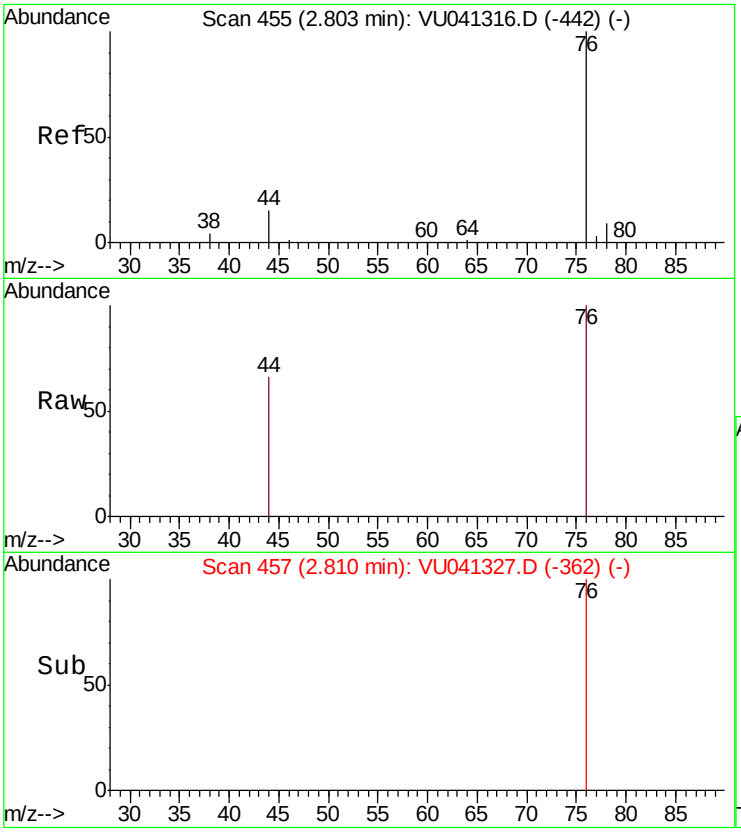


#13
Acetone
Concen: 1.607 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 2146

Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	25.4



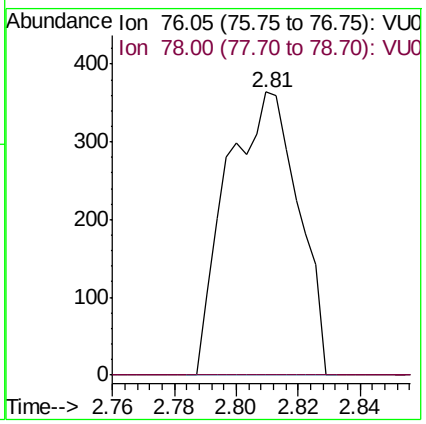


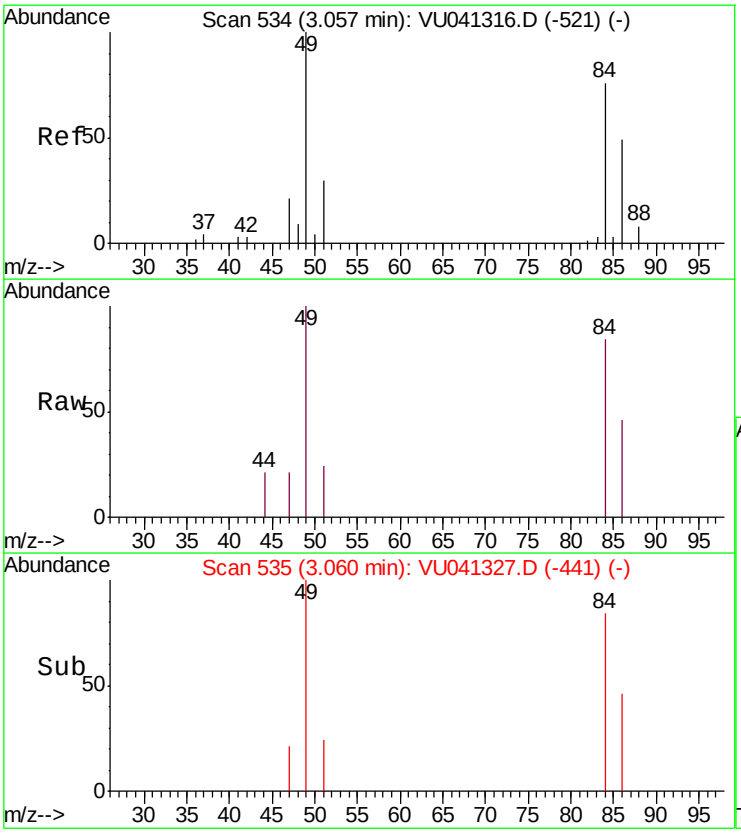
#14
Carbon disulfide
Concen: 0.046 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.01 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument : MSVOA_U
ClientSampleId : H4394

Tgt Ion: 76 Resp: 587

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

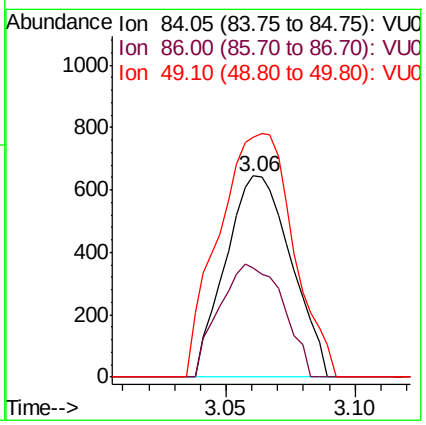


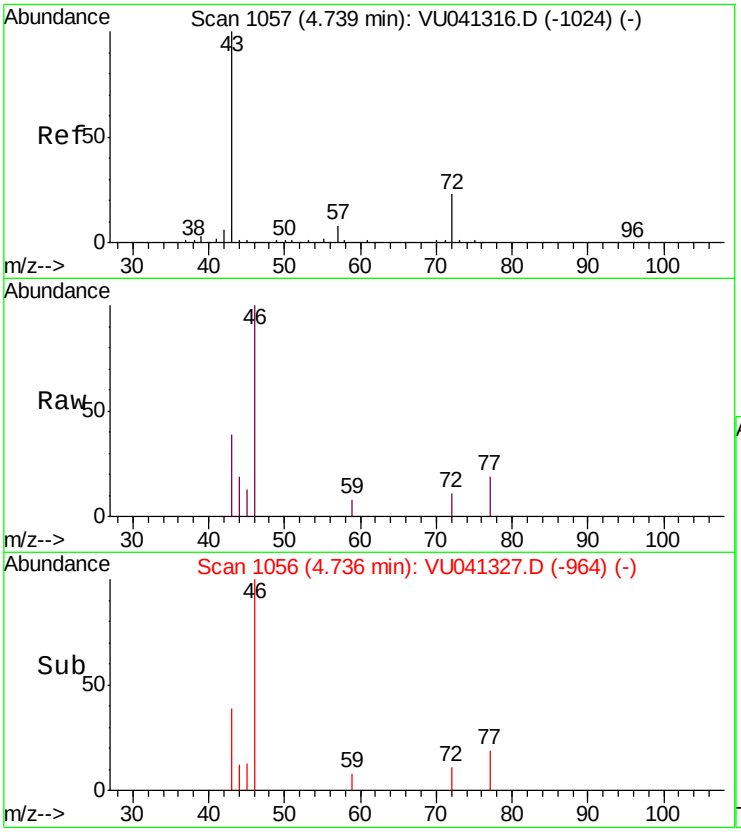


#16
Methylene chloride
Concen: 0.210 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 84 Resp: 1140

Ion	Ratio	Lower	Upper
84	100		
86	54.7	42.8	79.6
49	119.7	99.5	184.7



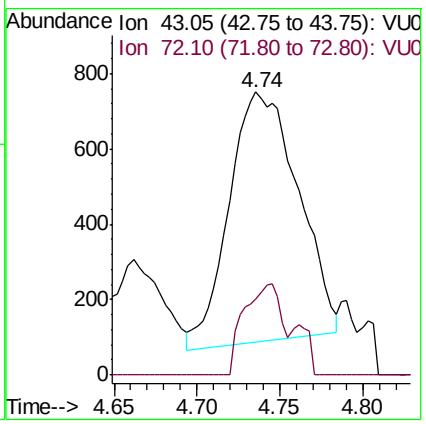


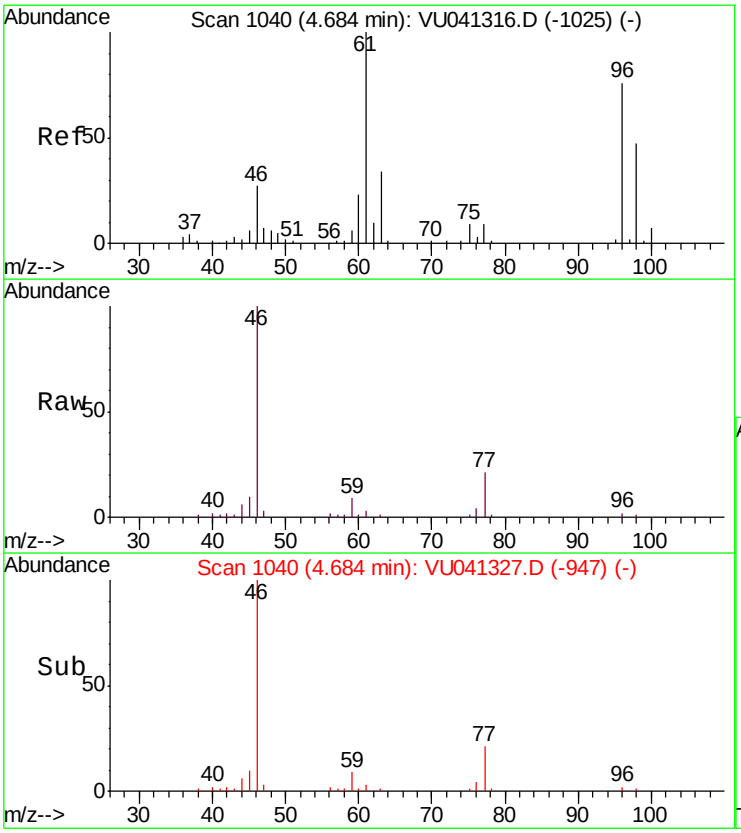
#21
2-Butanone
Concen: 0.951 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument : MSVOA_U
ClientSampleId : H4394

Tgt Ion: 43 Resp: 1928

Ion	Ratio	Lower	Upper
43	100		
72	20.0	11.8	35.4

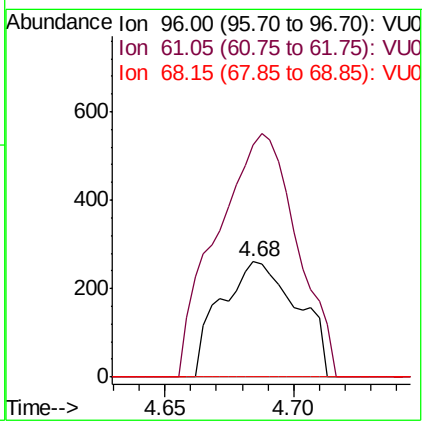


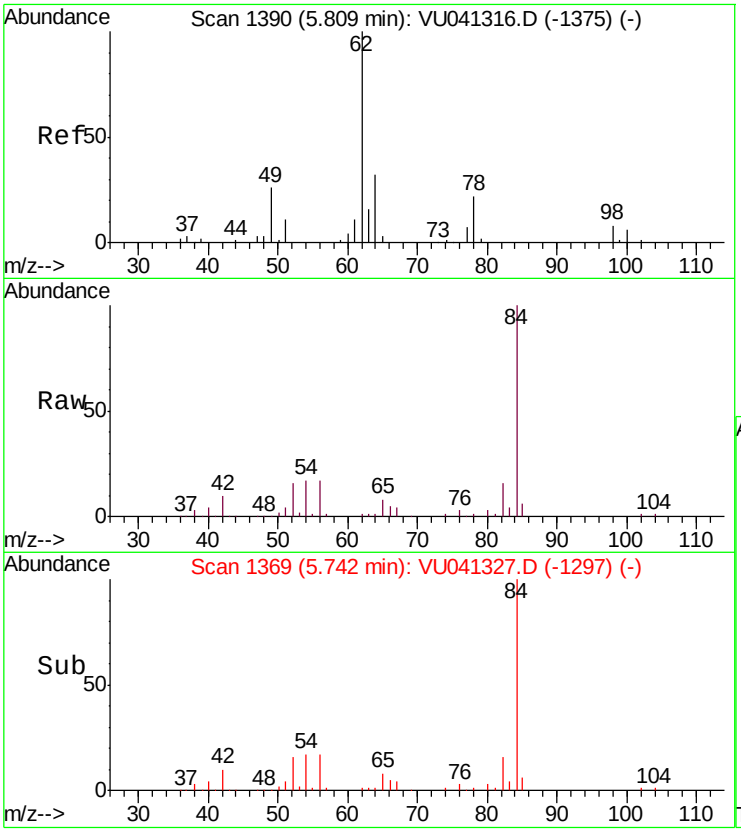


#22
cis-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 96 Resp: 541

Ion	Ratio	Lower	Upper
96	100		
61	200.8	97.2	180.4#
68	0.0	0.0	0.0



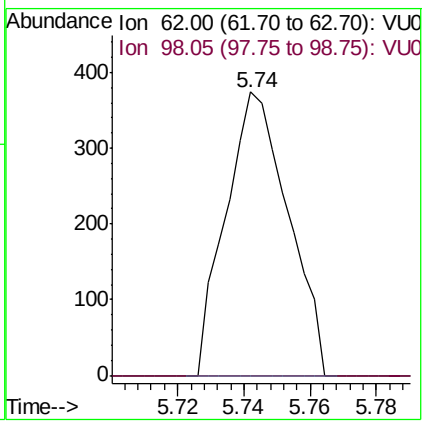


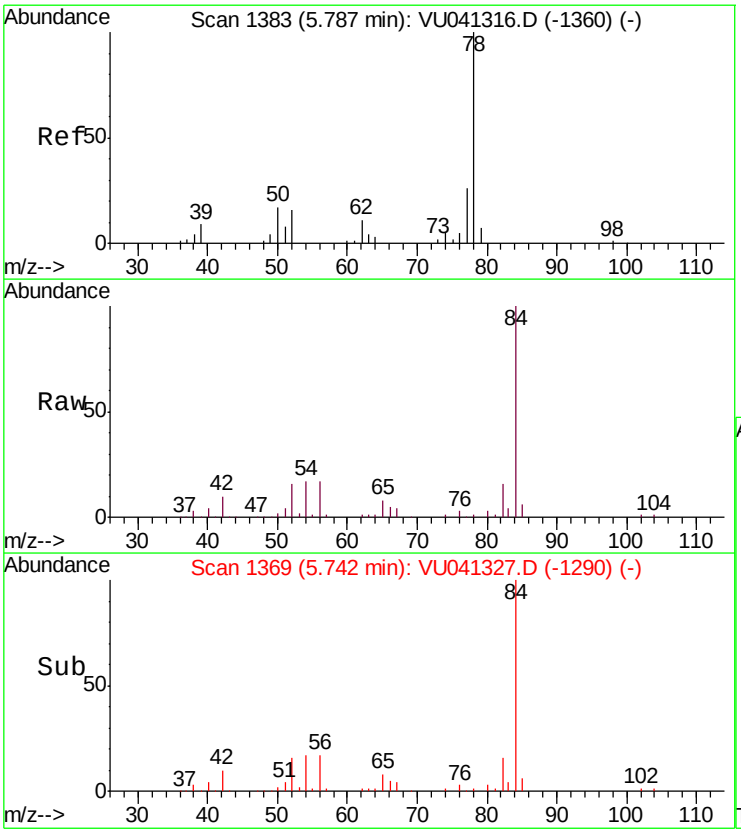
#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
H4394

Tgt Ion: 62 Resp: 489

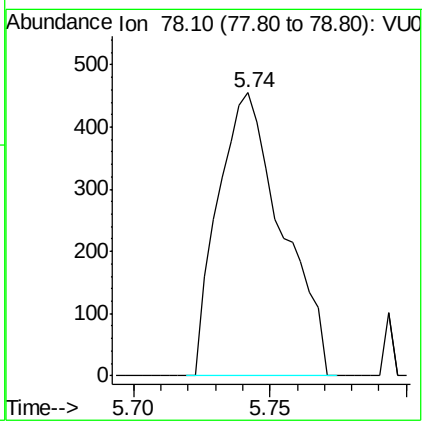
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

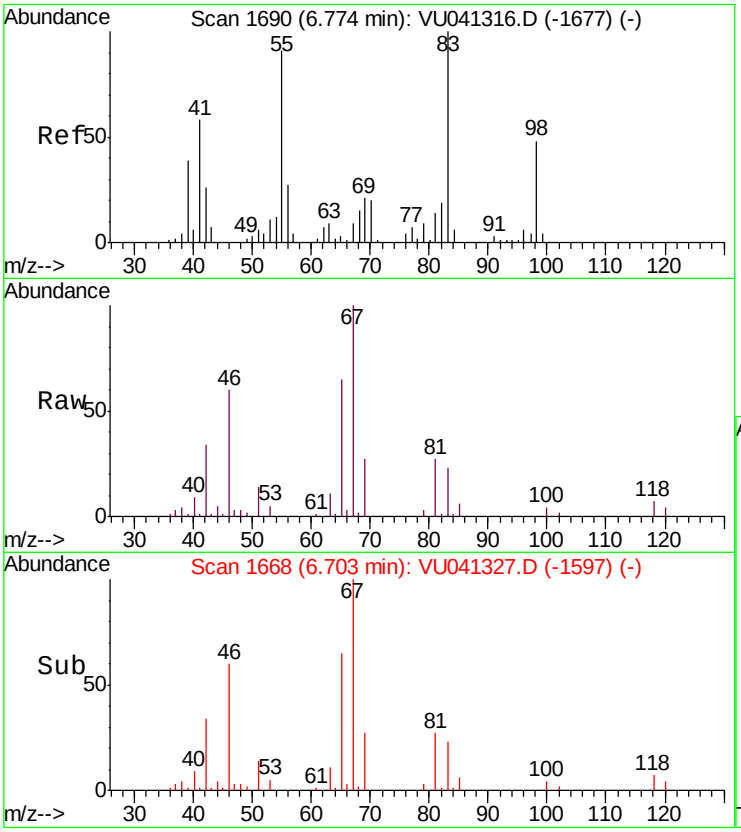




#33
Benzene
Concen: 0.040 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 78 Resp: 743



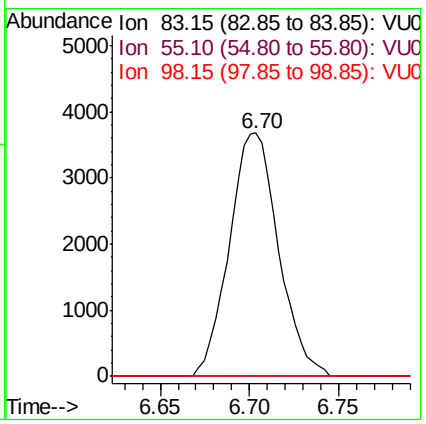


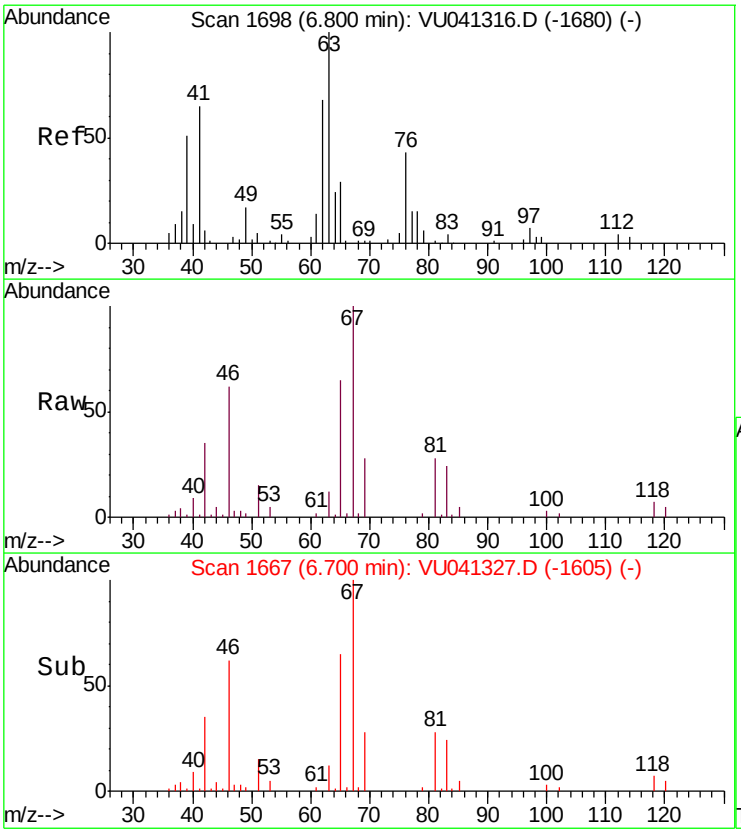
#35
Methylcyclohexane
Concen: 1.062 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument : MSVOA_U
ClientSampleId : H4394

Tgt Ion: 83 Resp: 7045

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

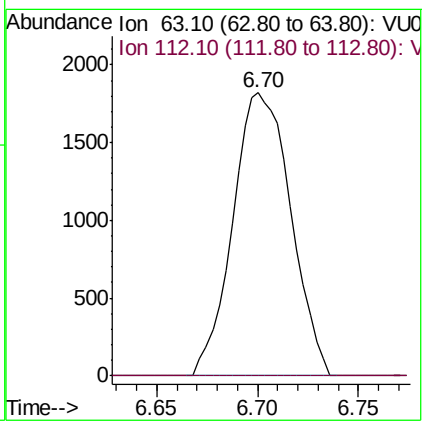


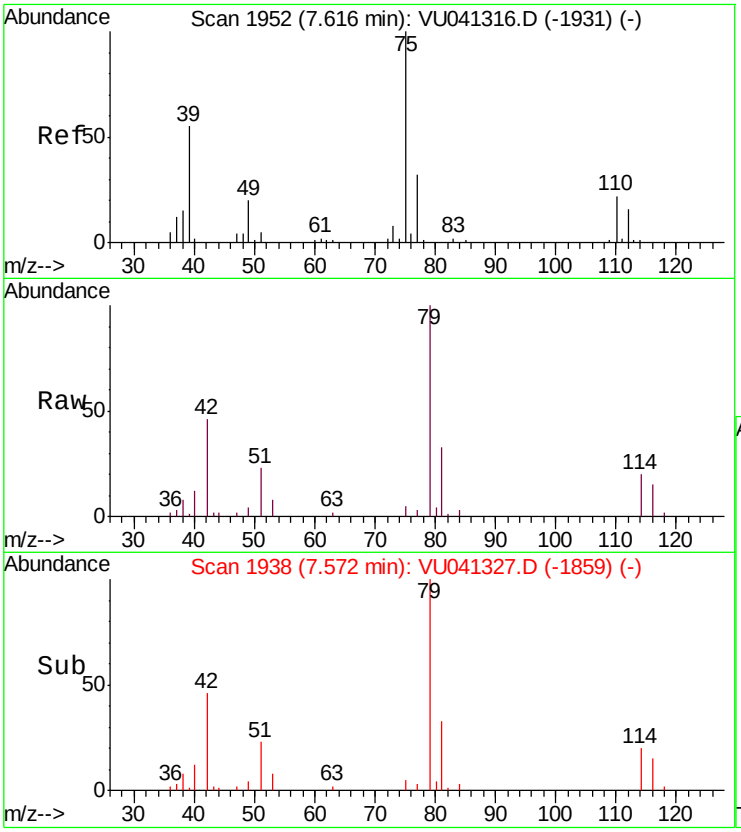


#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 63 Resp: 3656

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



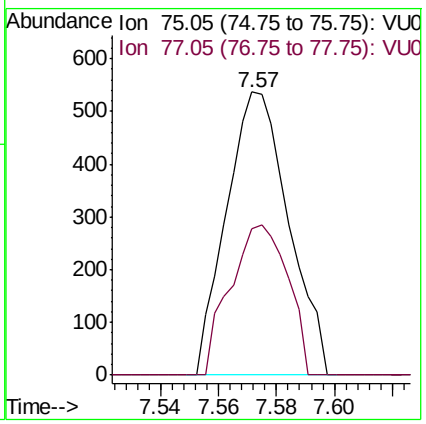


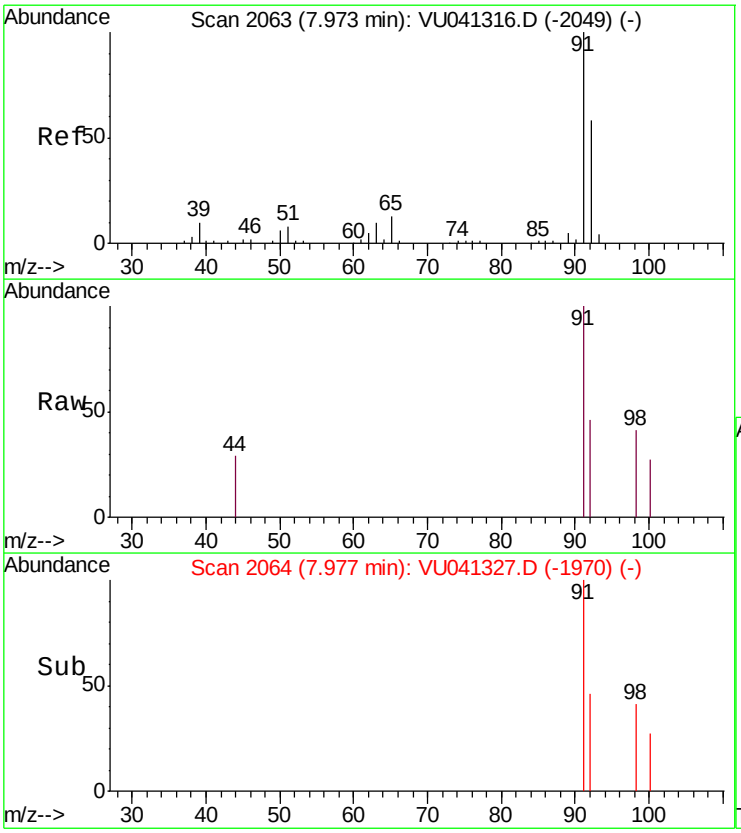
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
H4394

Tgt Ion: 75 Resp: 799

Ion	Ratio	Lower	Upper
75	100		
77	51.8	22.7	42.3#

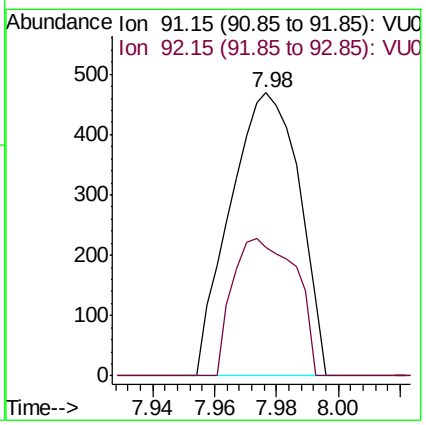


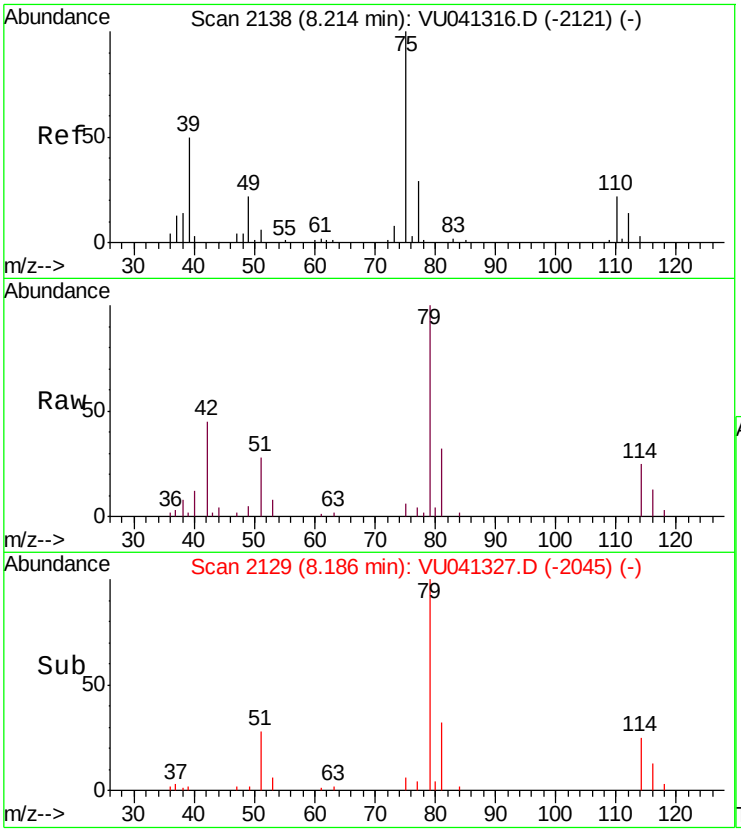


#42
Toluene
Concen: 0.037 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 91 Resp: 730

Ion	Ratio	Lower	Upper
91	100		
92	45.6	40.6	75.4



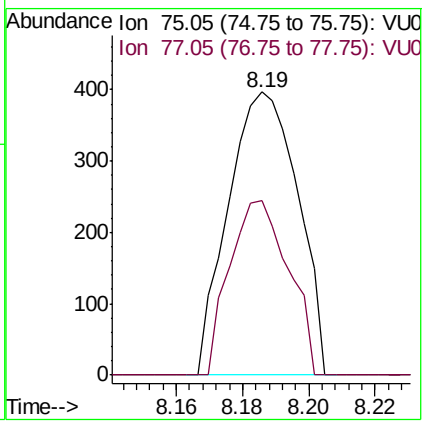


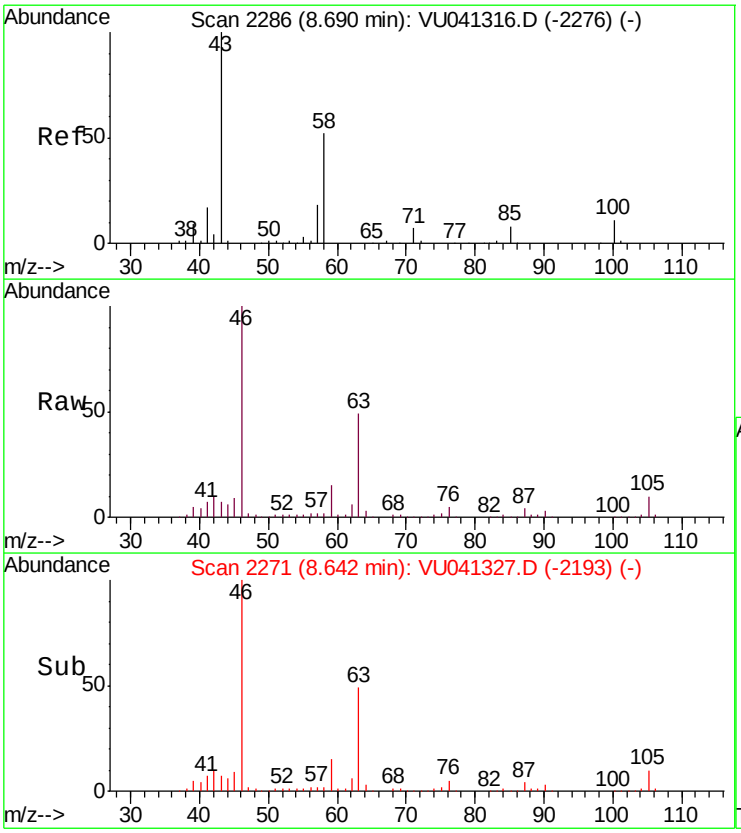
#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
H4394

Tgt Ion: 75 Resp: 579

Ion	Ratio	Lower	Upper
75	100		
77	61.7	23.3	43.3#

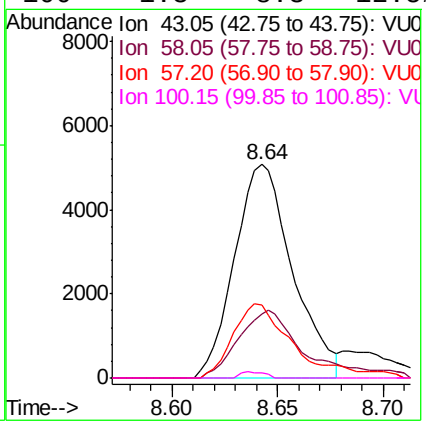


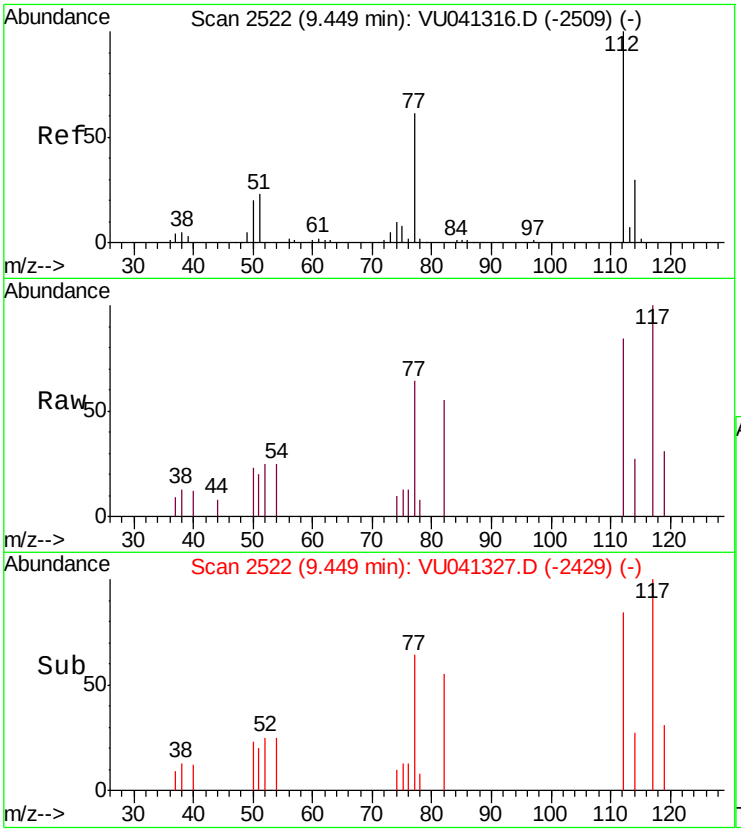


#48
2-Hexanone
Concen: 2.912 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion: 43 Resp: 9713

Ion	Ratio	Lower	Upper
43	100		
58	36.0	41.4	62.2#
57	35.4	14.6	21.8#
100	1.3	8.3	12.5#



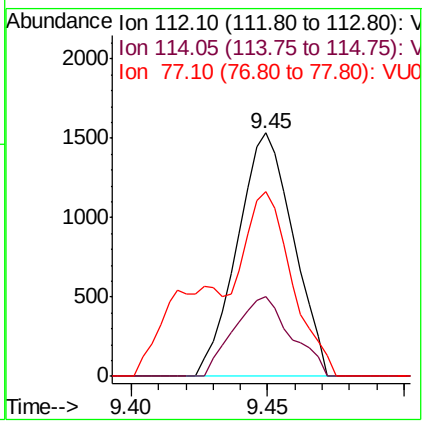


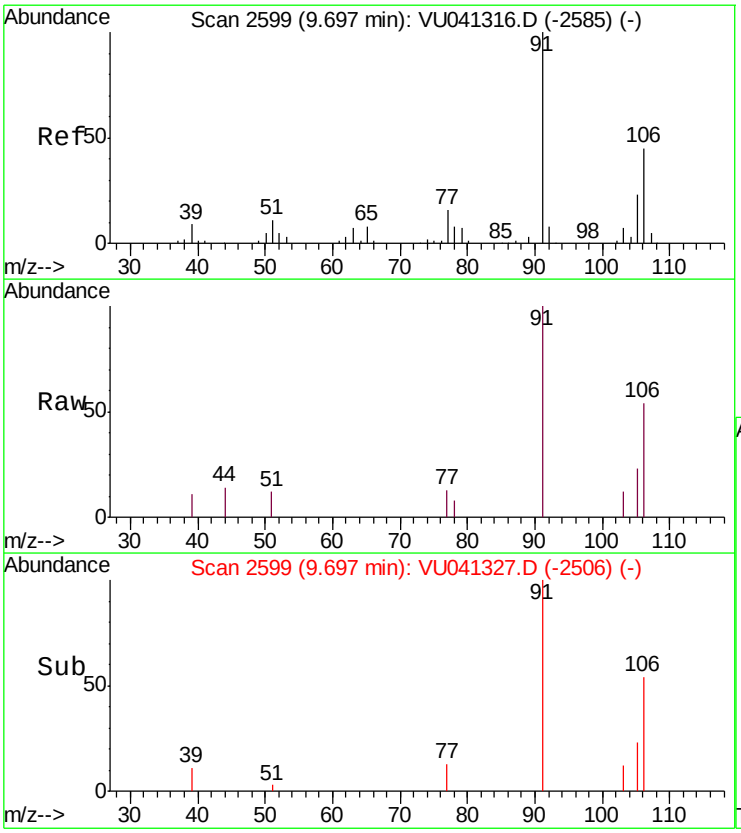
#51
Chlorobenzene
Concen: 0.167 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument : MSVOA_U
ClientSampleId : H4394

Tgt Ion:112 Resp: 2182

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.4	41.6
77	76.0	51.2	76.8

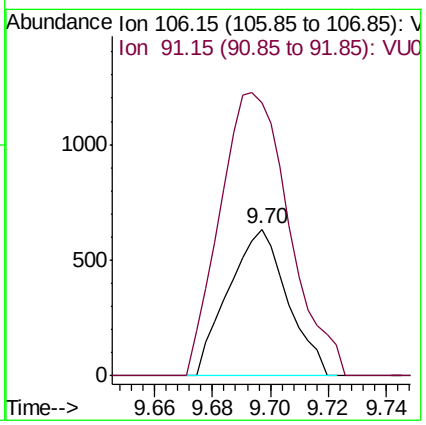


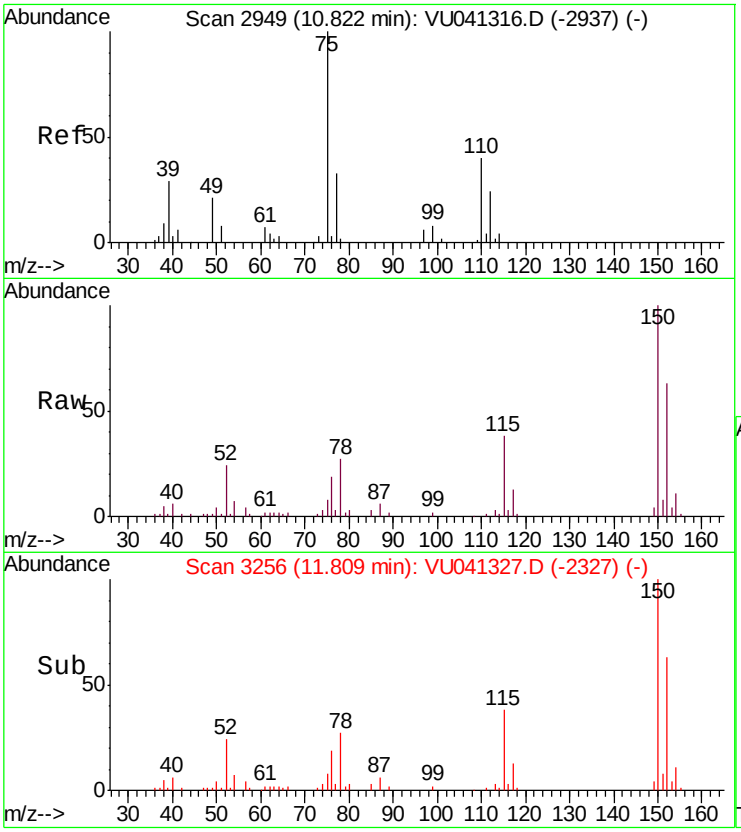


#53
m,p-Xylene
Concen: 0.117 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Tgt Ion:106 Resp: 895

Ion	Ratio	Lower	Upper
106	100		
91	186.0	150.9	280.3





#59
1,2,3-Trichloropropane
Concen: 0.776 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041327.D
Acq: 18 Nov 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
H4394

Tgt Ion: 75 Resp: 3302

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.7	38.5