Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\
Data File : VV013753.D
Acq On : 22 Nov 2019 23:00
Operator : SY/MD
Sample : K5941-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Manual Integrations APPROVED
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11/26/2019 12:54:16 PM

Quant Time: Nov 23 04:15:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	307384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	310832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143436	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96492	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.58	69	88622	5.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.80%			
11) 1,1-Dichloroethene-d2	2.14	63	575075	17.96	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 359.20%#			
20) 2-Butanone-d5	3.92	46	285945	72.30	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 144.60%#			
24) Chloroform-d	4.40	84	204259	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.08	65	107929	5.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.20%			
32) Benzene-d6	5.10	84	394599	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.11	67	124395	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.36	98	339929	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.66	79	37112	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.13	63	218867	63.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102776	6.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 124.00%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	145051	5.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	294333	16.028	ug/L #	66
8) Chloroethane	1.60	64	90677	8.194	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	865620	58.572	ug/L #	68
13) Acetone	2.18	43	15361m	5.554	ug/L	
14) Carbon disulfide	2.32	76	10190	0.299	ug/L #	88
16) Methylene chloride	2.53	84	4416	0.218	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	200621	12.021	ug/L	99
19) 1,1-Dichloroethane	3.23	63	359643	10.795	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	62638	3.201	ug/L	97
27) 1,2-Dichloroethane	5.18	62	52739	2.609	ug/L	98
33) Benzene	5.15	78	7397	0.097	ug/L	100
34) Trichloroethene	5.96	95	214094	10.179	ug/L	97
37) 1,2-Dichloropropane	6.22	63	5199	0.265	ug/L #	95
45) 1,1,2-Trichloroethane	7.88	97	10147	0.727	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	4070	0.096	ug/L	90
65) 1,2-Dichlorobenzene	11.68	146	5124	0.132	ug/L	92

Quantitation Report (QT/LSC Reviewed)

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ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 23 04:15:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

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Manual Integrations APPROVED
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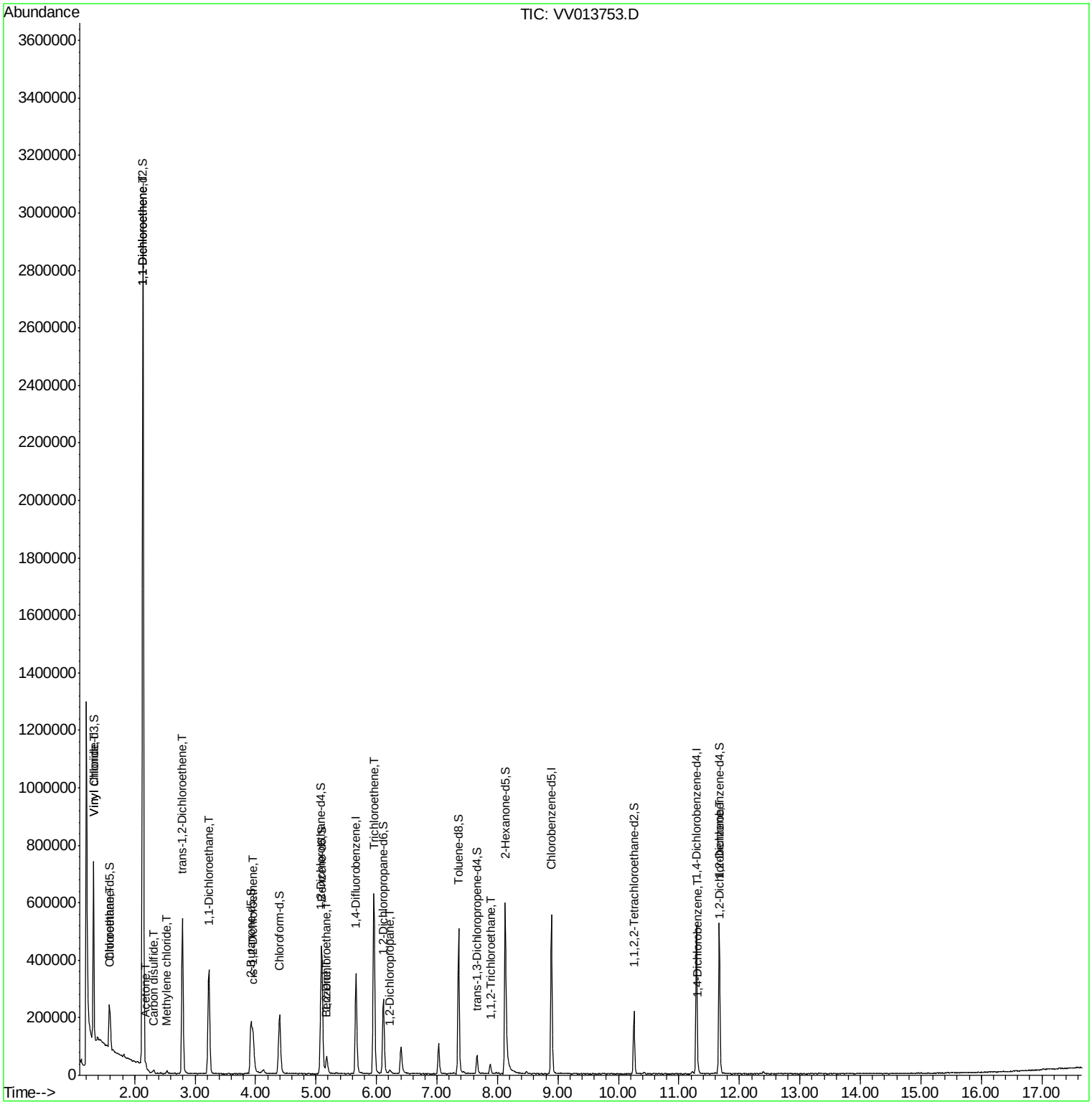

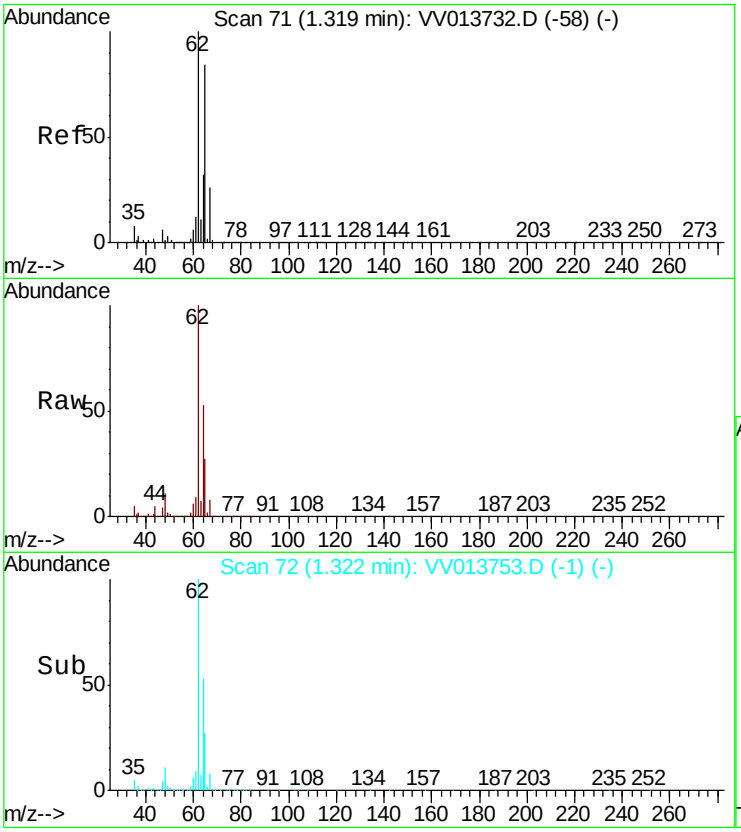

#5
Vinyl chloride
Concen: 16.028 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 62 Resp: 294333

Ion	Ratio	Lower	Upper
62	100		
64	52.7	23.3	43.3#

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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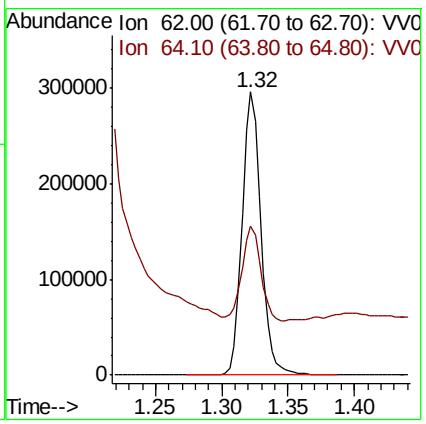
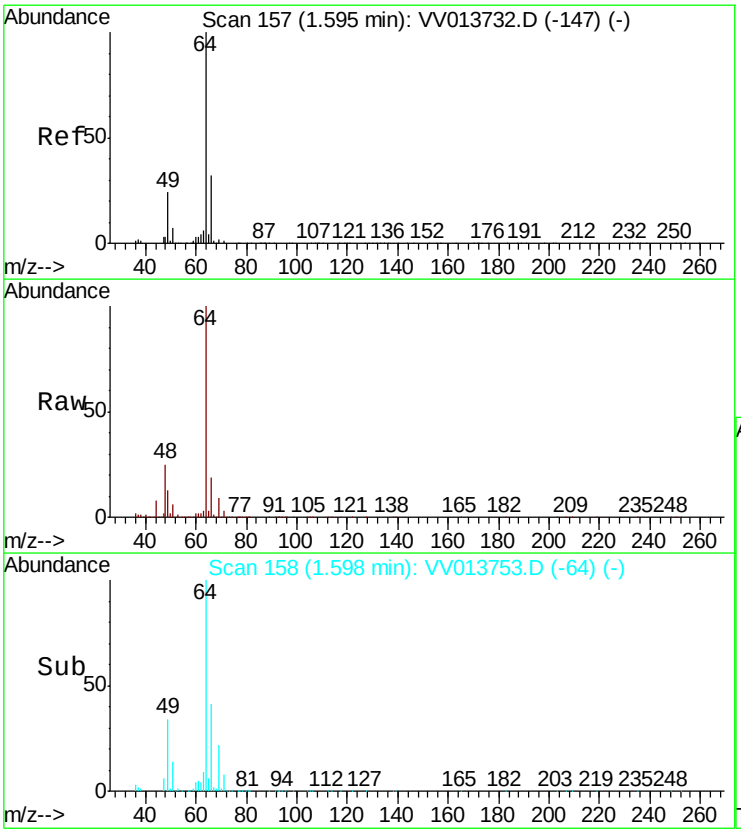
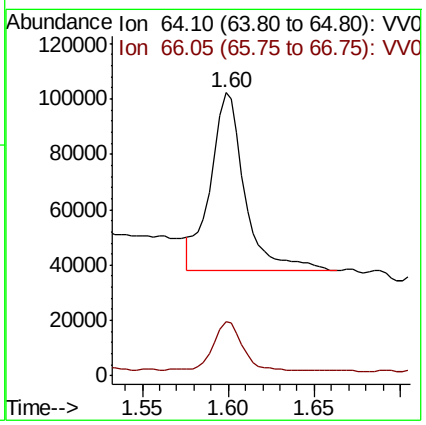


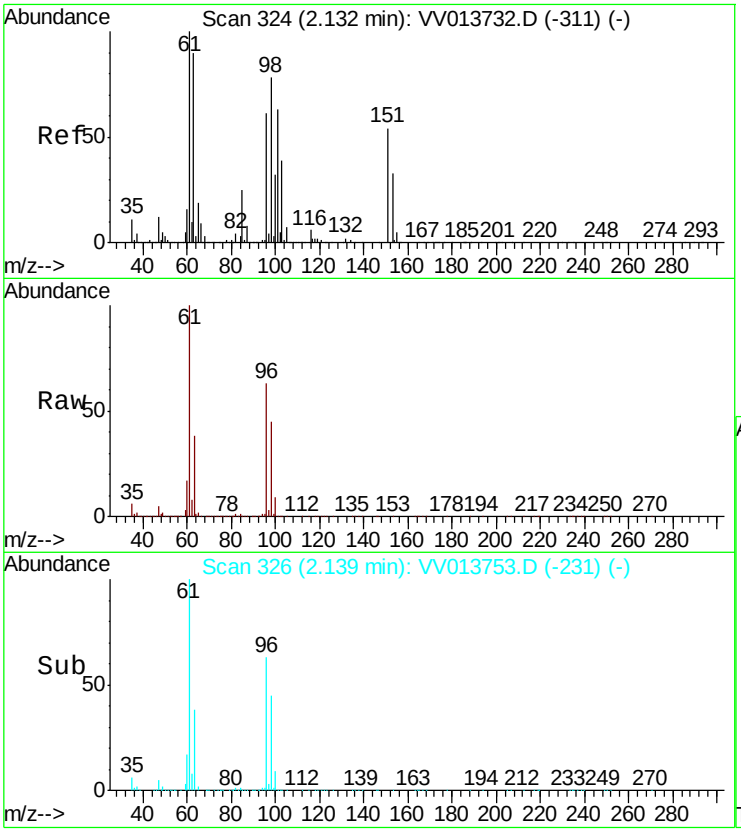


#8
Chloroethane
Concen: 8.194 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 64 Resp: 90677

Ion	Ratio	Lower	Upper
64	100		
66	19.0	22.6	42.0#

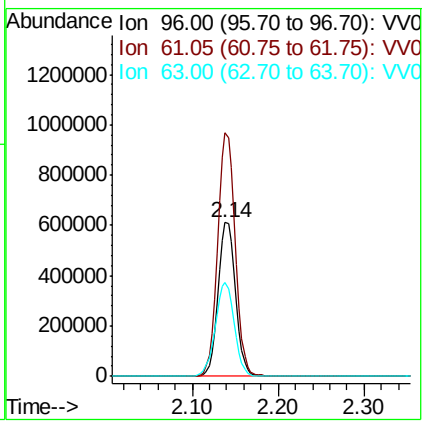




#12
1,1-Dichloroethene
Concen: 58.572 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 96 Resp: 865620

Ion	Ratio	Lower	Upper
96	100		
61	158.5	116.3	215.9
63	60.8	96.7	179.7#



Instrument :
MSVOA_V
ClientSampleId :
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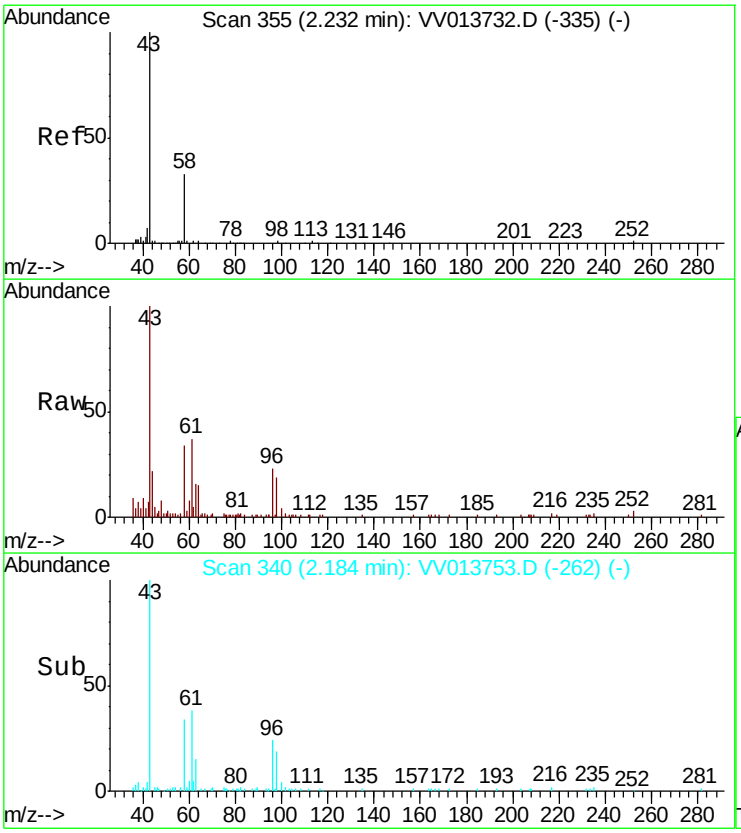
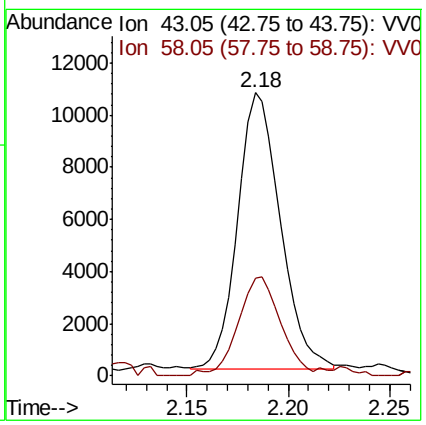
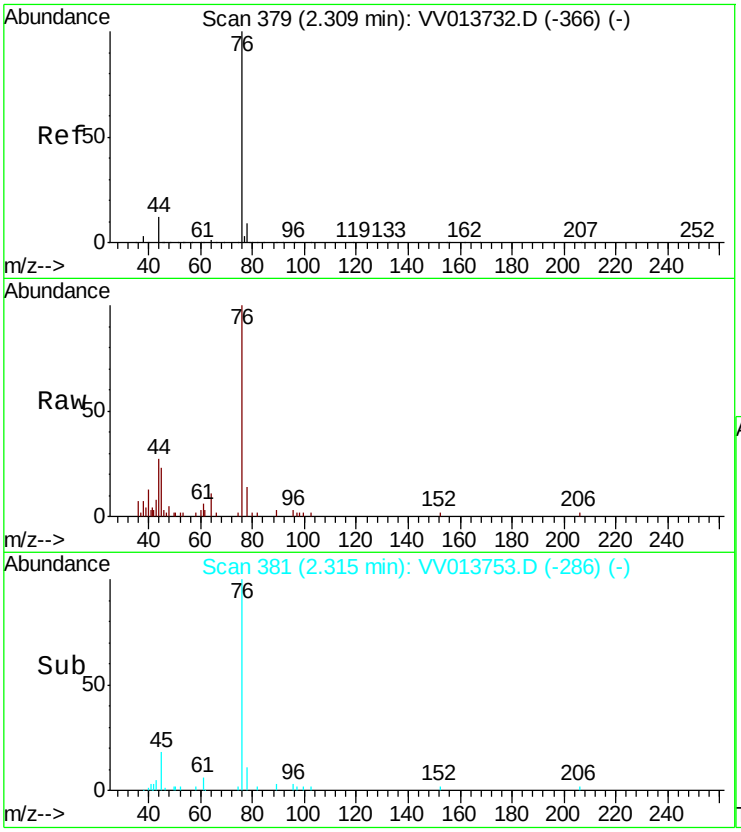


#13
Acetone
Concen: 5.554 ug/L m
RT: 2.18 min Scan# 340
Delta R.T. -0.05 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 43 Resp: 15361

Ion	Ratio	Lower	Upper
43	100		
58	2.0	0.0	27.2





#14
Carbon disulfide
Concen: 0.299 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 76 Resp: 10190

Ion	Ratio	Lower	Upper
76	100		
78	13.7	7.5	11.3#

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Manual Integrations APPROVED
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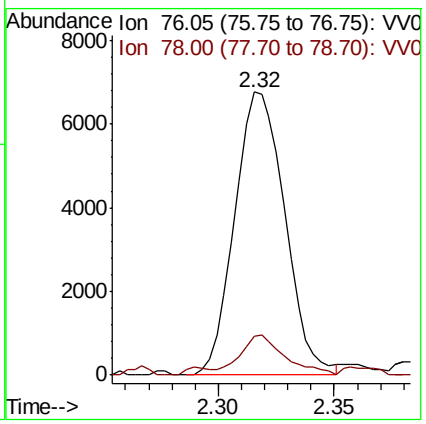
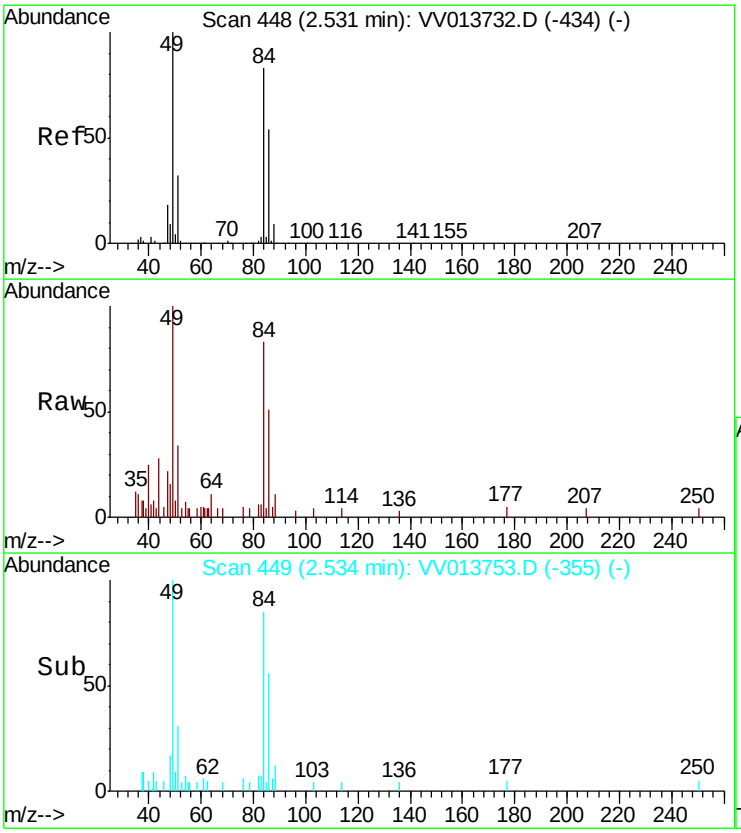
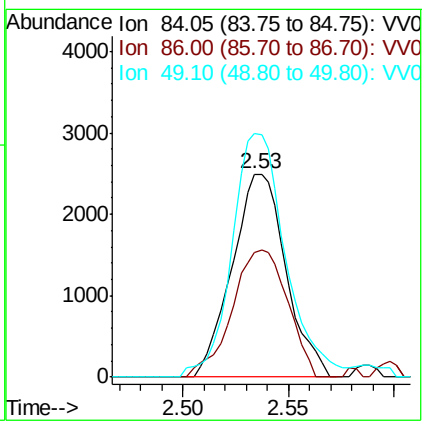


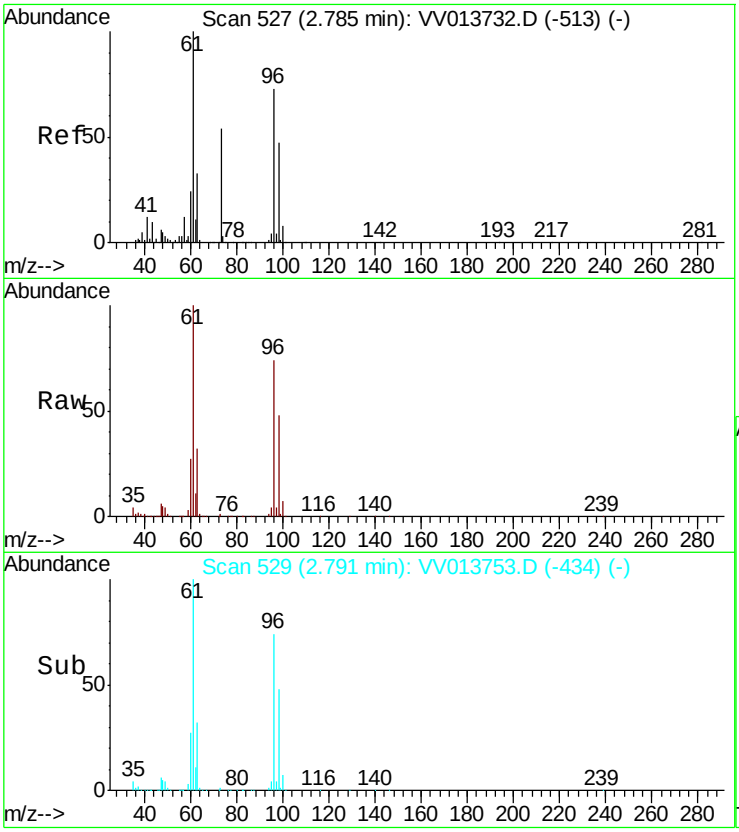


#16
Methylene chloride
Concen: 0.218 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 84 Resp: 4416

Ion	Ratio	Lower	Upper
84	100		
86	61.4	44.0	81.6
49	119.9	81.5	151.5

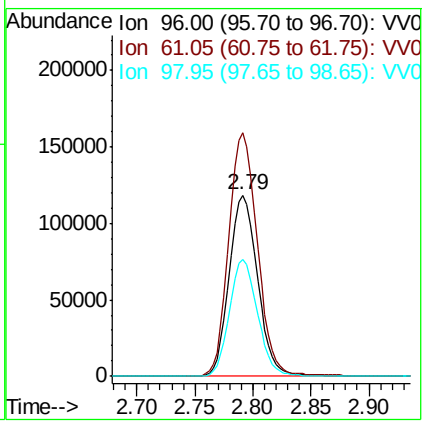




#18
trans-1,2-Dichloroethene
Concen: 12.021 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 96 Resp: 200621

Ion	Ratio	Lower	Upper
96	100		
61	134.5	95.1	176.7
98	64.8	46.5	86.3



Instrument :
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ClientSampleId :
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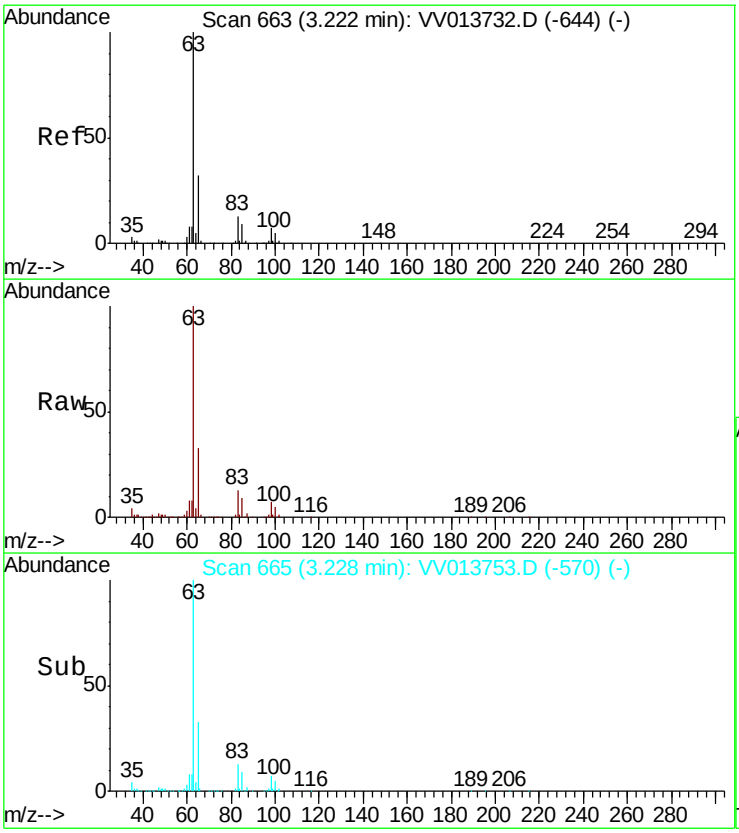
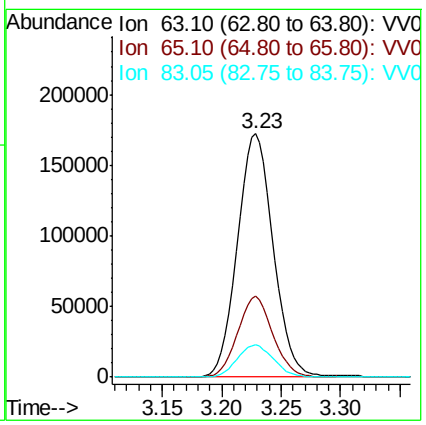
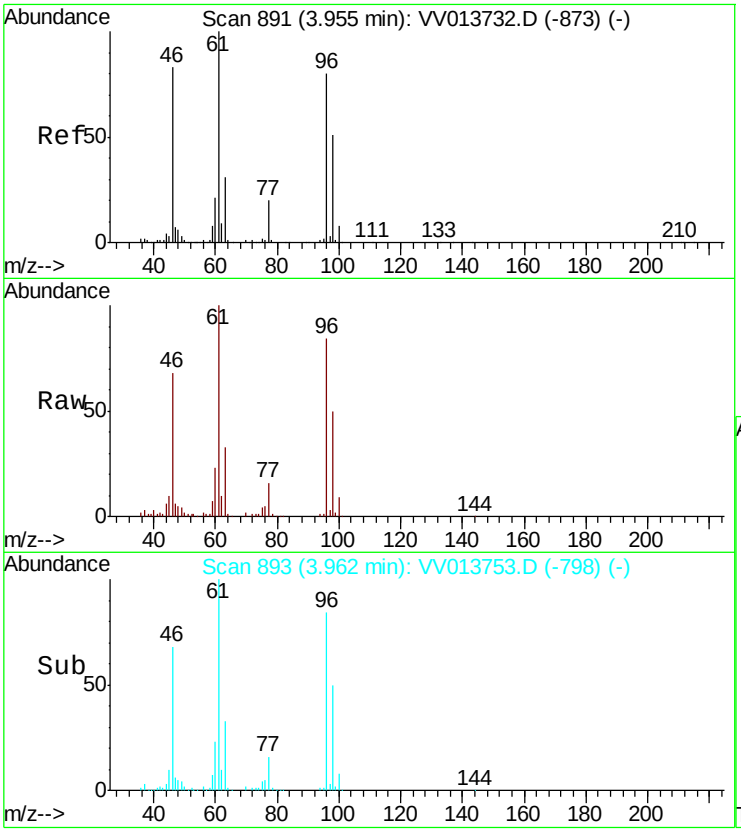


#19
1,1-Dichloroethane
Concen: 10.795 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 63 Resp: 359643

Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.7	42.1
83	13.3	9.2	17.2

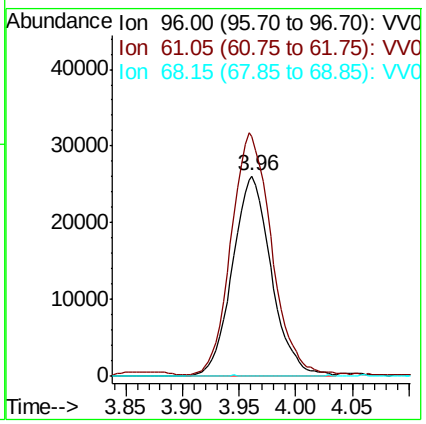




#22
cis-1,2-Dichloroethene
Concen: 3.201 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 96 Resp: 62638

Ion	Ratio	Lower	Upper
96	100		
61	119.7	86.1	159.9
68	0.0	0.0	0.0



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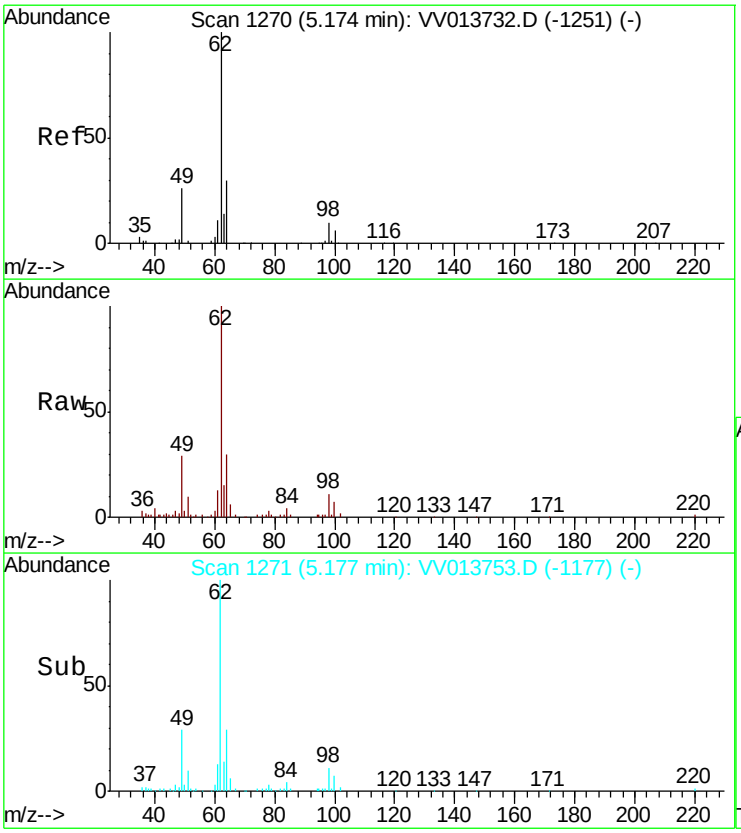
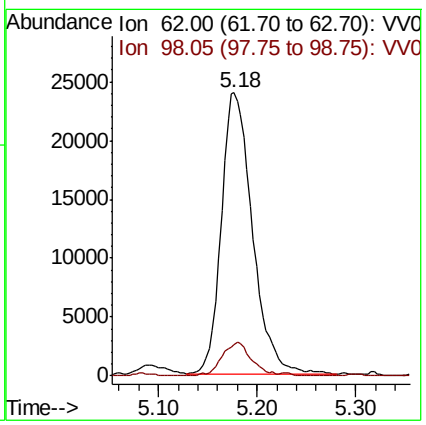
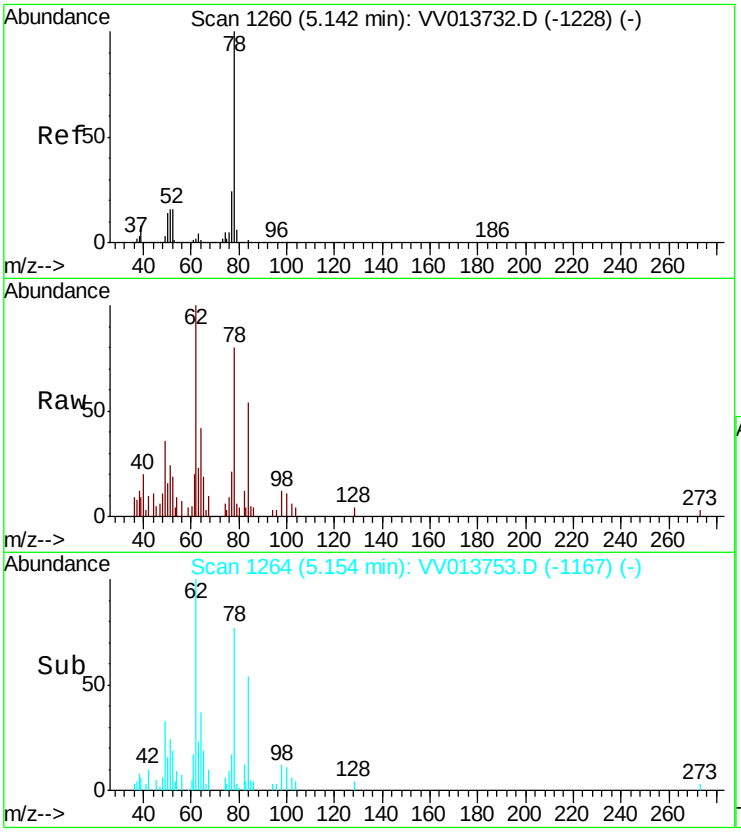


#27
1,2-Dichloroethane
Concen: 2.609 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 62 Resp: 52739

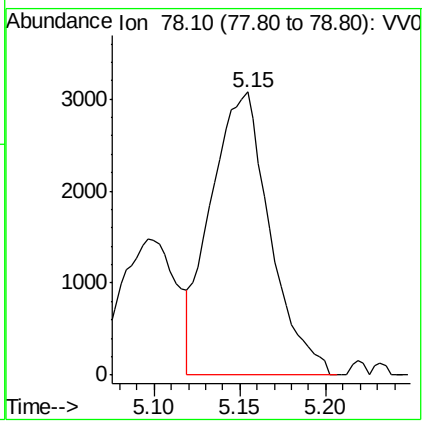
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.2	12.2





#33
Benzene
Concen: 0.097 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 78 Resp: 7397



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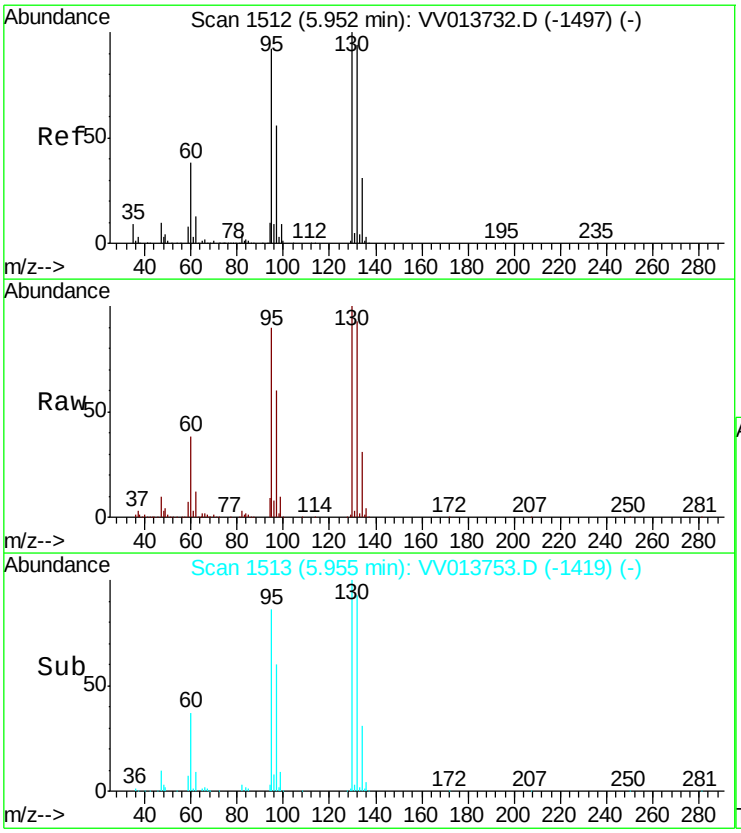
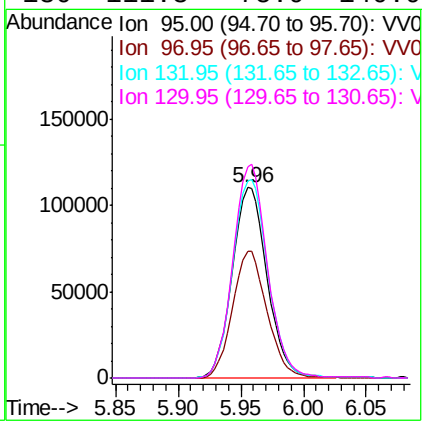
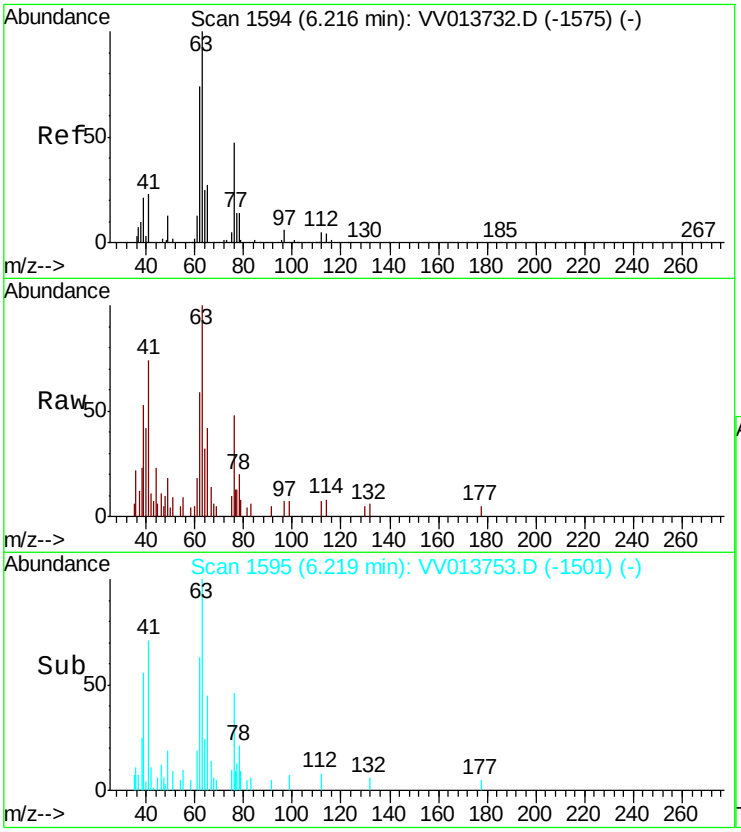


#34
Trichloroethene
Concen: 10.179 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 95 Resp: 214094

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.6	84.8
132	103.6	70.5	130.9
130	111.3	75.9	140.9

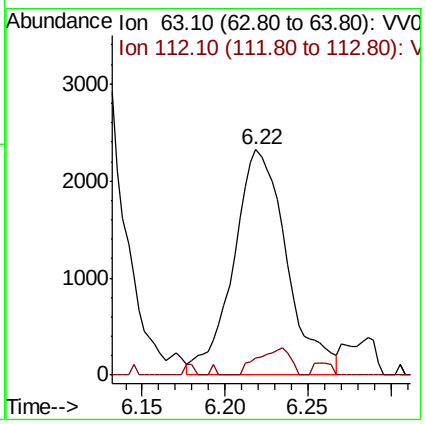




#37
1,2-Dichloropropane
Concen: 0.265 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 63 Resp: 5199

Ion	Ratio	Lower	Upper
63	100		
112	7.2	4.4	6.6#



Instrument :
MSVOA_V
ClientSampleId :
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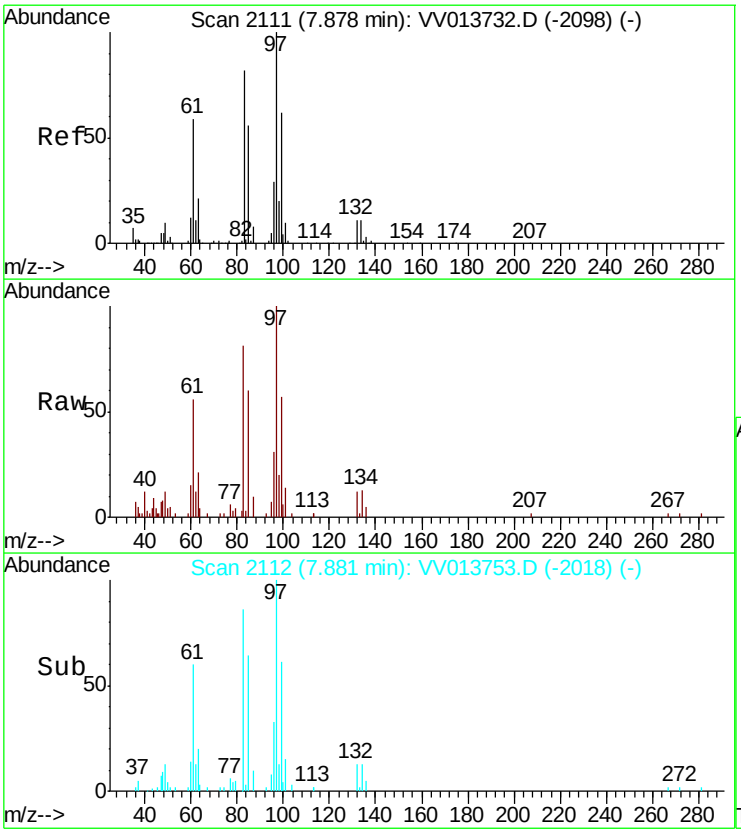
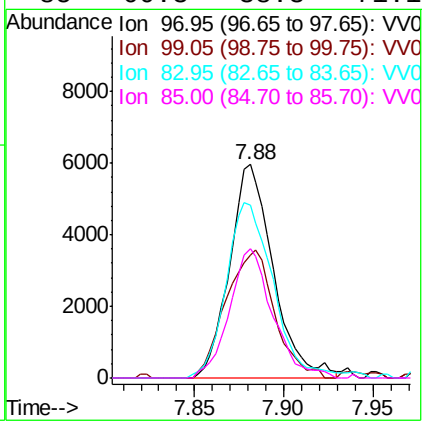
11/26/2019 12:54:16 PM

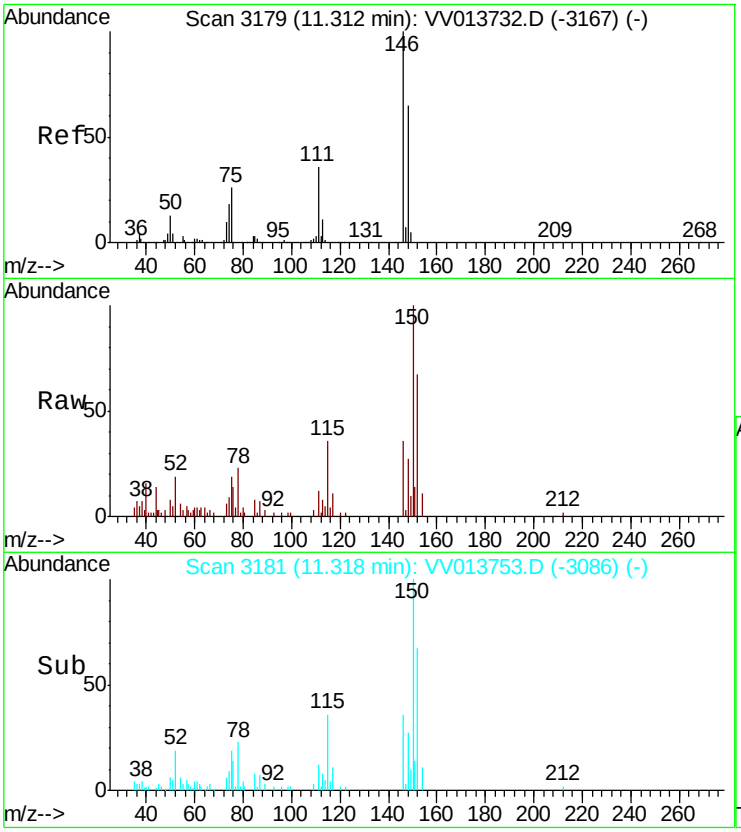


#45
1,1,2-Trichloroethane
Concen: 0.727 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion: 97 Resp: 10147

Ion	Ratio	Lower	Upper
97	100		
99	57.5	44.2	82.0
83	81.0	59.7	110.9
85	60.3	38.3	71.1

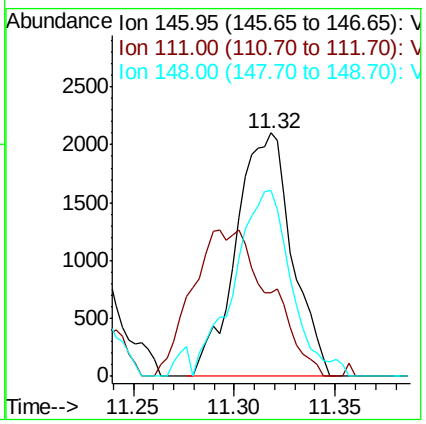




#63
1,4-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.01 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

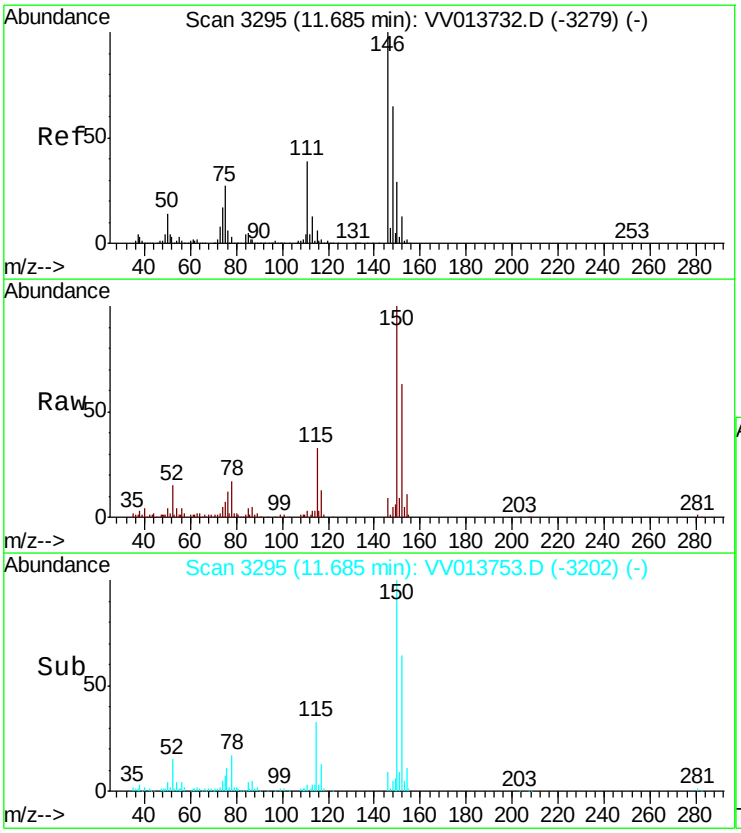
Tgt Ion:146 Resp: 4070

Ion	Ratio	Lower	Upper
146	100		
111	34.3	25.0	46.4
148	76.5	45.4	84.2



Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Manual Integrations APPROVED
MMDadoda
11/26/2019 12:54:16 PM



#65
1,2-Dichlorobenzene
Concen: 0.132 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013753.D
Acq: 22 Nov 2019 23:00

Tgt Ion:146 Resp: 5124

Ion	Ratio	Lower	Upper
146	100		
111	40.2	31.3	46.9
148	55.7	52.2	78.2