

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013874.D
 Acq On : 02 Dec 2019 16:23
 Operator : SY/MD
 Sample : K6028-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA6

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:27 AM

Quant Time: Dec 03 04:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	605932	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	571436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	260370	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180028	51.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.74%
7) Chloroethane-d5	1.58	69	200829	54.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.13	63	306284m	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
21) 2-Butanone-d5	3.92	46	278508	112.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.91%
24) Chloroform-d	4.40	84	387826	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.08	65	263605	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.06%
32) Benzene-d6	5.10	84	836613	56.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.11	67	249565	56.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.30%
41) Toluene-d8	7.36	98	711926	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%
43) trans-1,3-Dichloropropene-	7.66	79	112558	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
47) 2-Hexanone-d5	8.13	63	181055	109.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.09%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	332052	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.67	152	297009	58.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3431	0.753	ug/L #	43
17) trans-1,2-Dichloroethene	2.79	96	4734	1.099	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	13894	2.980	ug/L	93
25) Chloroform	4.42	83	15155	1.827	ug/L	97
27) 1,2-Dichloroethane	5.18	62	9905	1.658	ug/L	96
34) Trichloroethene	5.96	95	98420	21.563	ug/L	97
46) Tetrachloroethene	8.02	164	52207	12.676	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3743	0.598	ug/L #	86
70) 1,2,3-Trichlorobenzene	13.79	180	3260	0.498	ug/L	93

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

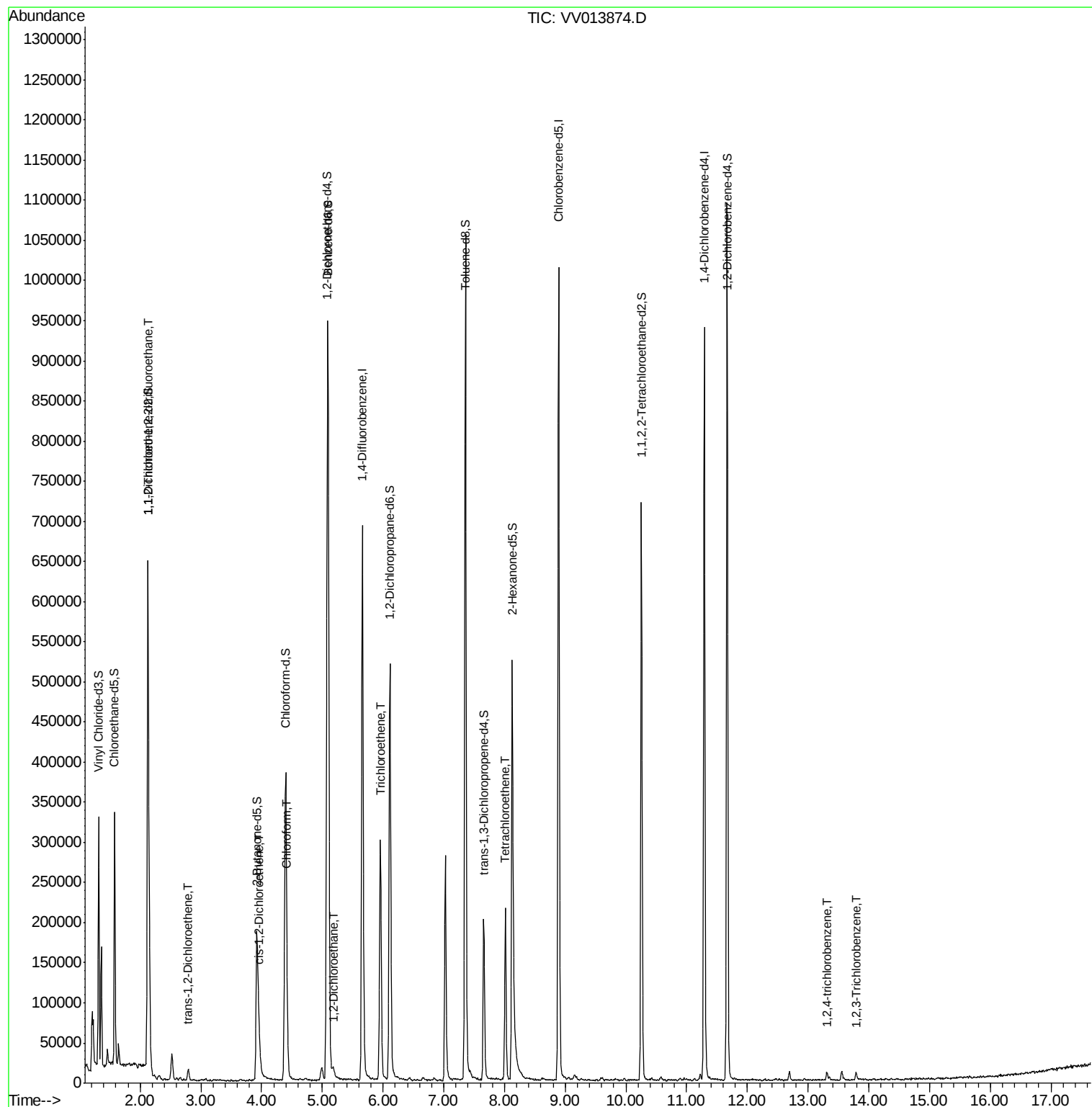
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

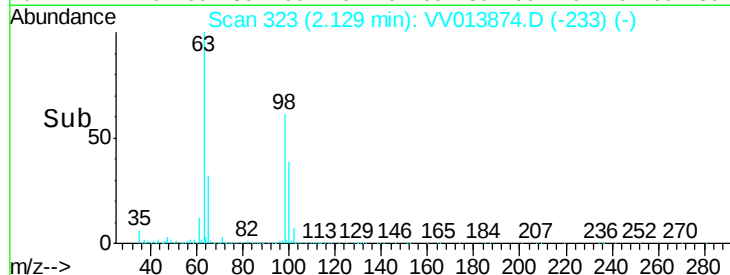
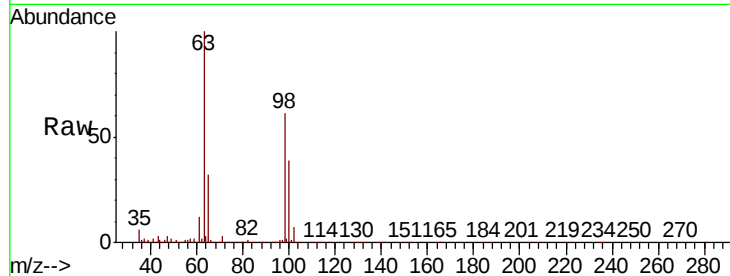
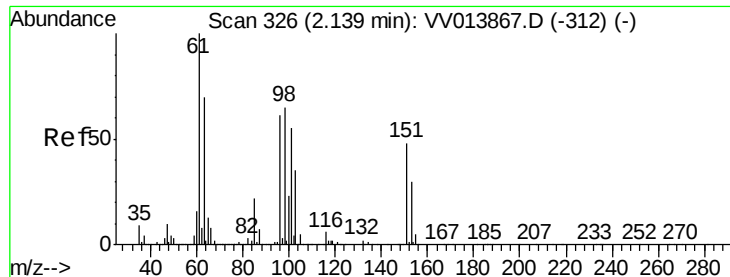
Instrument :
MSVOA_V
ClientSampleId :
H0AA6

Manual Integrations
APPROVED

apatel
12/5/2019 8:35:27 AM

Quant Time: Dec 03 04:07:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.753 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013874.D

Acq: 02 Dec 2019 16:23

Instrument :

MSVOA_V

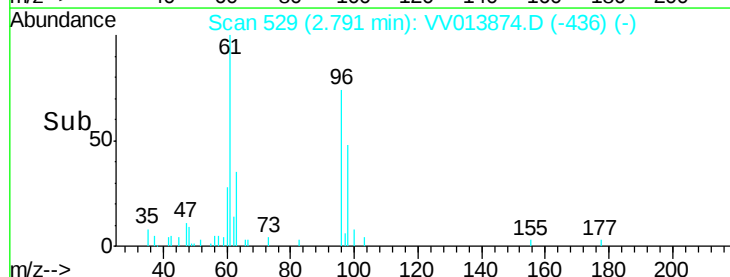
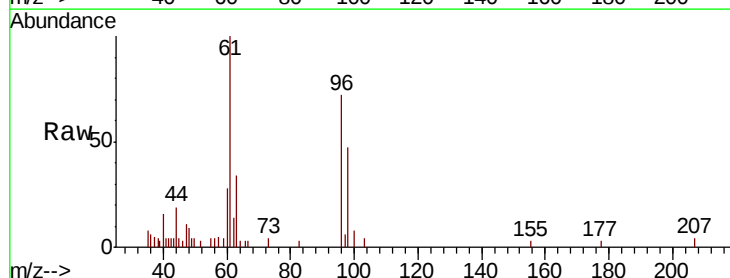
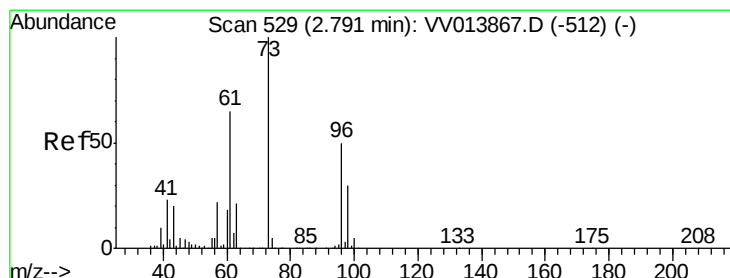
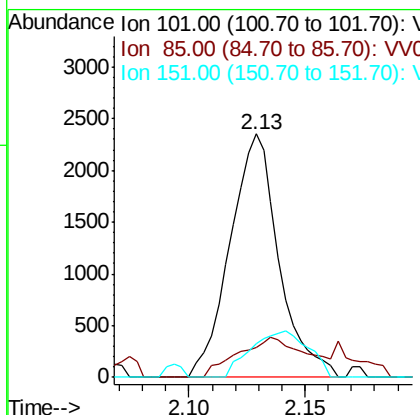
ClientSampleId :

H0AA6

Tot Ion:	101	Resp:	3431
Ion Ratio	Lower	Upper	
101	100		
85	23.3	32.5	48.7#
151	22.5	69.8	104.6#

Manual Integrations
APPROVED

apatel
12/5/2019 8:35:27 AM



#17

trans-1,2-Dichloroethene

Concen: 1.099 ug/L

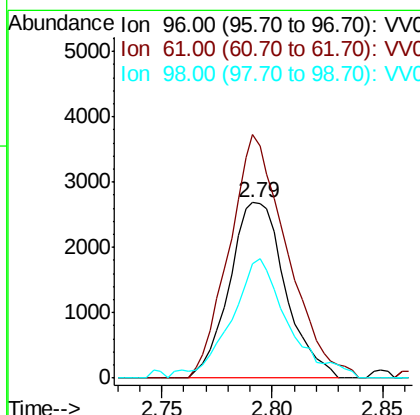
RT: 2.79 min Scan# 529

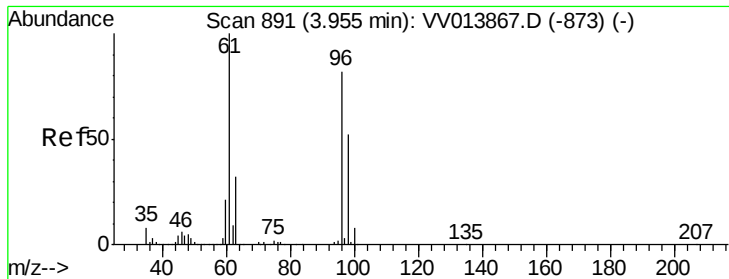
Delta R.T. -0.00 min

Lab File: VV013874.D

Acq: 02 Dec 2019 16:23

Tgt Ion:	96	Resp:	4734
Ion Ratio	Lower	Upper	
96	100		
61	138.6	92.2	171.2
98	65.1	42.6	79.2





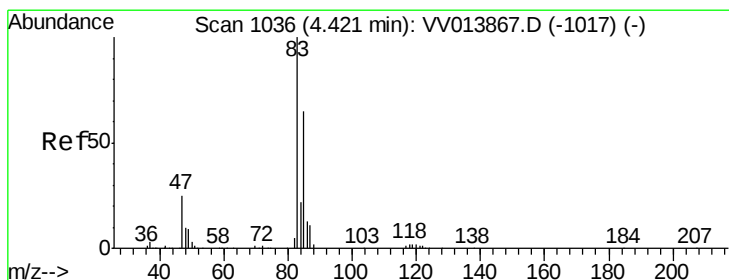
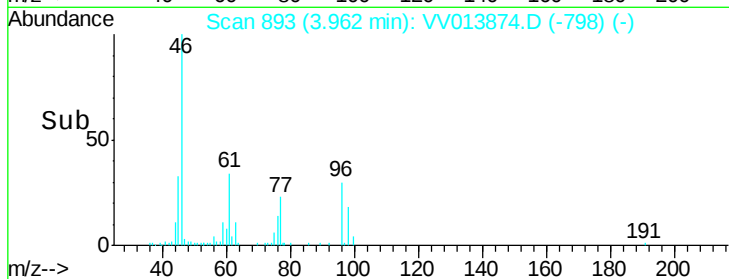
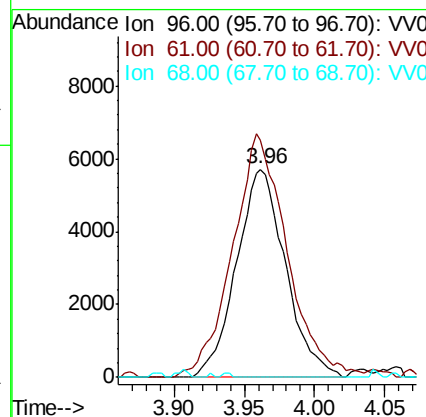
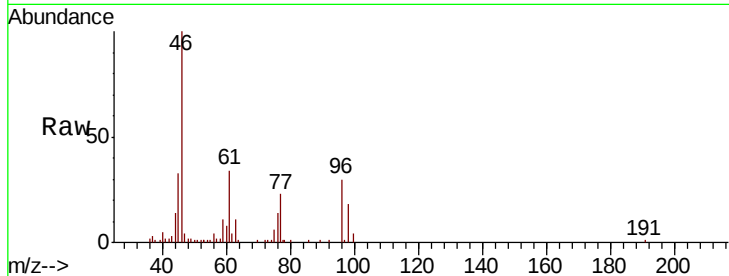
#20
 cis-1,2-Dichloroethene
 Concen: 2.980 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013874.D
 Acq: 02 Dec 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA6

Tot Ion	Ratio	Lower	Upper
96	100		
61	113.8	85.3	158.5
68	0.0	0.0	0.0

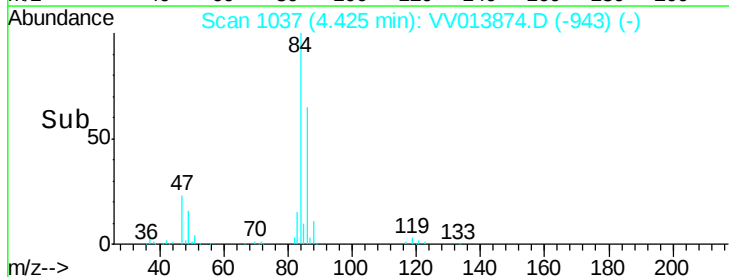
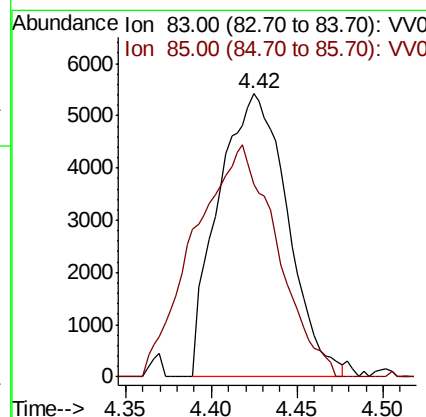
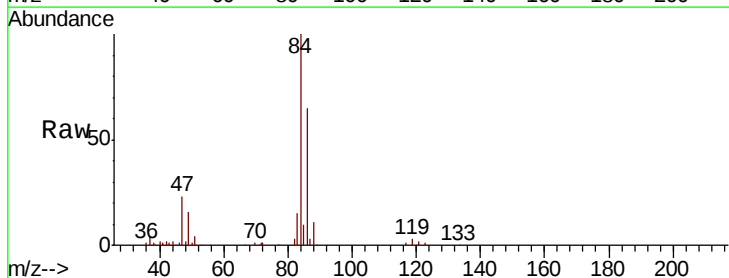
Manual Integrations
 APPROVED

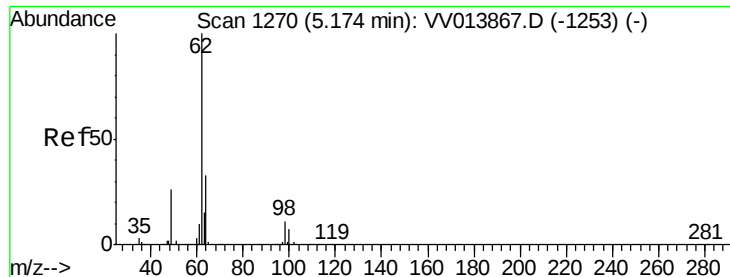
apatel
 12/5/2019 8:35:27 AM



#25
 Chloroform
 Concen: 1.827 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV013874.D
 Acq: 02 Dec 2019 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.7	84.9





#27

1,2-Dichloroethane

Concen: 1.658 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VV013874.D

Acq: 02 Dec 2019 16:23

Instrument :

MSVOA_V

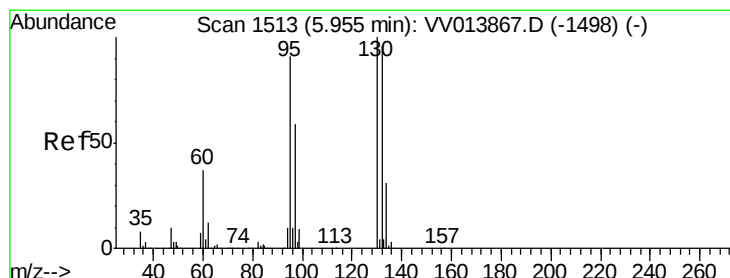
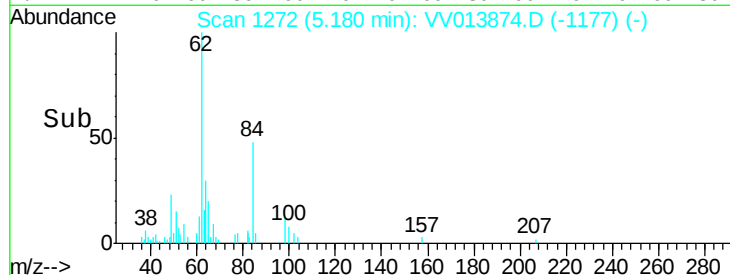
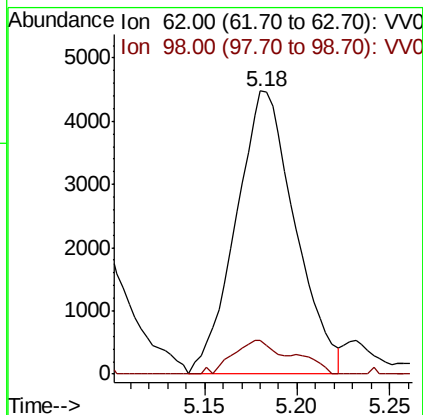
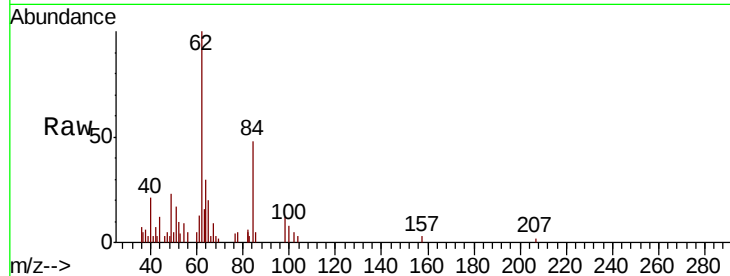
ClientSampled :

H0AA6

Tot Ion:	62	Resp:	9905
Ion Ratio	Lower	Upper	
62	100		
98	12.0	8.5	12.7

Manual Integrations
APPROVED

apatel
12/5/2019 8:35:27 AM



#34

Trichloroethene

Concen: 21.563 ug/L

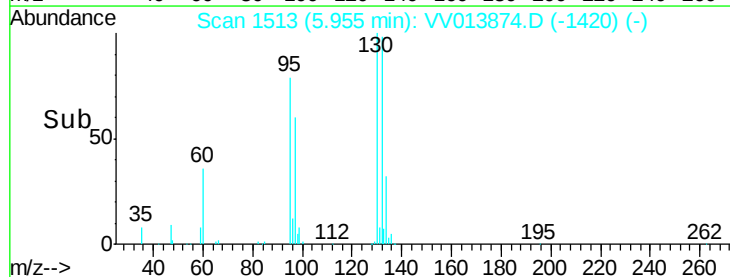
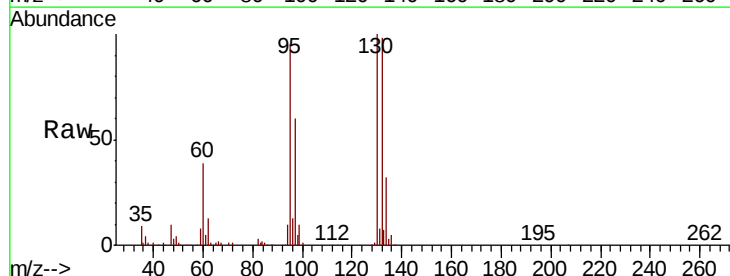
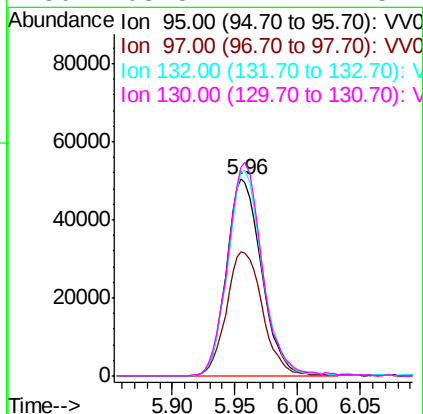
RT: 5.96 min Scan# 1513

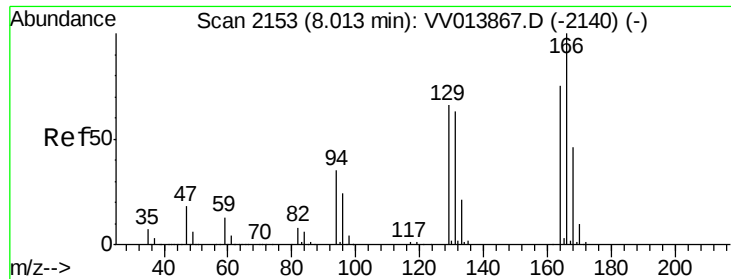
Delta R.T. -0.00 min

Lab File: VV013874.D

Acq: 02 Dec 2019 16:23

Tgt Ion:	95	Resp:	98420
Ion Ratio	Lower	Upper	
95	100		
97	63.3	45.4	84.4
132	103.4	73.7	136.9
130	105.8	77.1	143.1





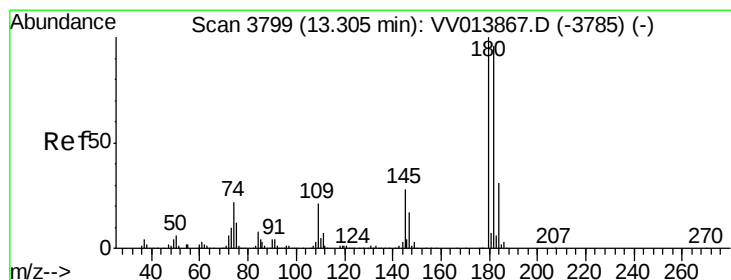
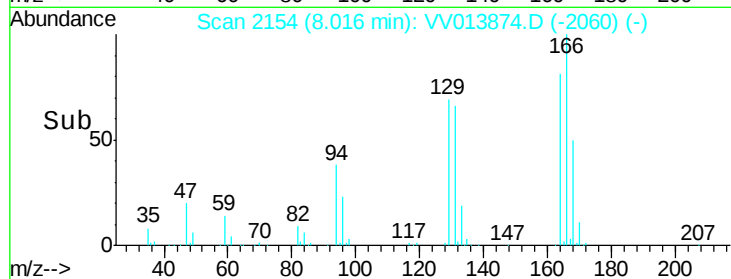
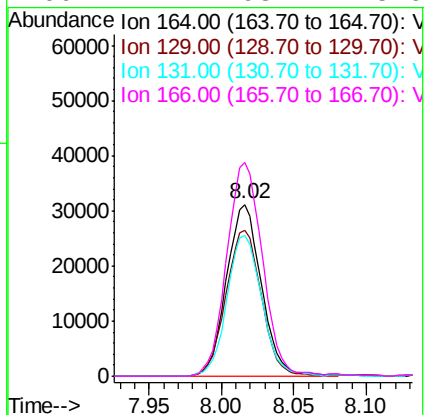
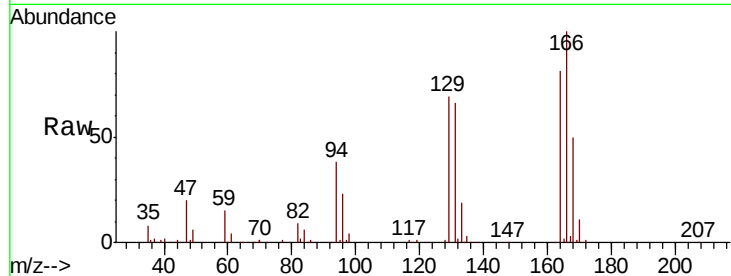
#46
 Tetrachloroethene
 Concen: 12.676 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV013874.D
 Acq: 02 Dec 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA6

Tot Ion	Ratio	Lower	Upper
164	100		
129	85.1	61.7	114.7
131	81.5	58.4	108.6
166	124.2	93.4	173.6

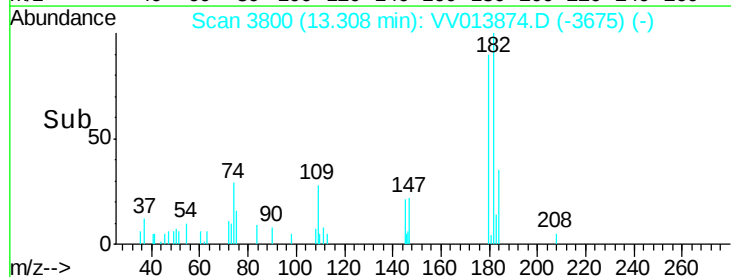
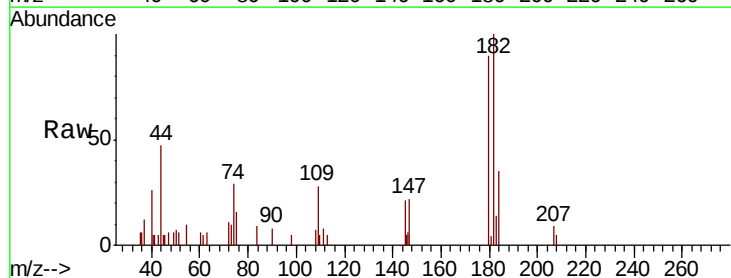
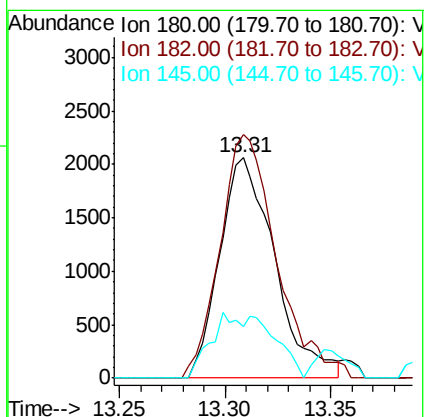
Manual Integrations
 APPROVED

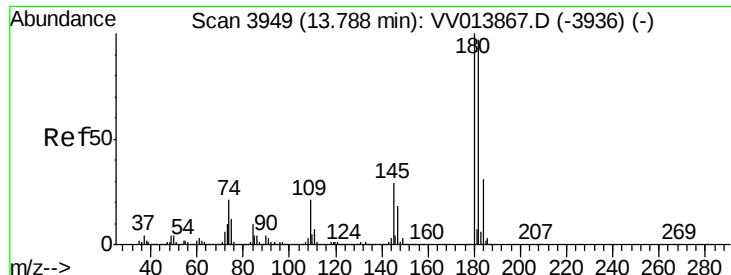
apatel
 12/5/2019 8:35:27 AM



#68
 1,2,4-trichlorobenzene
 Concen: 0.598 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013874.D
 Acq: 02 Dec 2019 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.1	76.2	114.4
145	15.8	21.9	32.9#





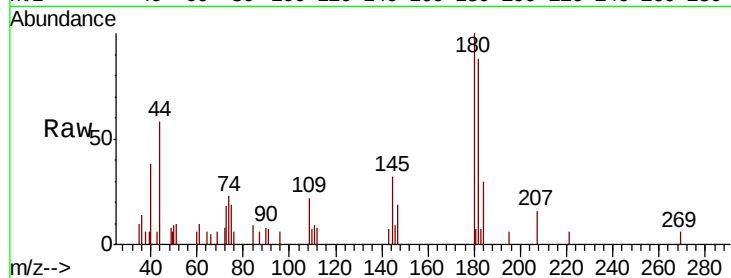
#70
 1,2,3-Trichlorobenzene
 Concen: 0.498 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013874.D
 Acq: 02 Dec 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA6

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.0	115.4
145	24.9	22.6	34.0

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:27 AM



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

