

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013824.D
 Acq On : 27 Nov 2019 15:13
 Operator : SY/MD
 Sample : K6056-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE12DL

Manual Integrations
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 12/2/2019 3:15:28 PM

Quant Time: Dec 02 02:51:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	341436	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	342453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69160	3.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.40%
7) Chloroethane-d5	1.58	69	71715	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	158713	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	3.96	46	248652	56.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.20%
24) Chloroform-d	4.40	84	160387	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.08	65	95157	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	335171	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.12	67	107913	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.36	98	266299	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	7.66	79	38297	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	184540	48.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	89530	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	124626	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	115708	7.049	ug/L #	81
13) Acetone	2.23	43	5564m	1.811	ug/L	
17) Methyl tert-butyl Ether	2.80	73	7857	0.175	ug/L #	89
19) 1,1-Dichloroethane	3.23	63	84341	2.279	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	81781	3.762	ug/L	99
25) Chloroform	4.42	83	29706	0.757	ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	33534	0.957	ug/L	97
34) Trichloroethene	5.96	95	280461	12.103	ug/L	98
47) Tetrachloroethene	8.01	164	120462	5.987	ug/L	98

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

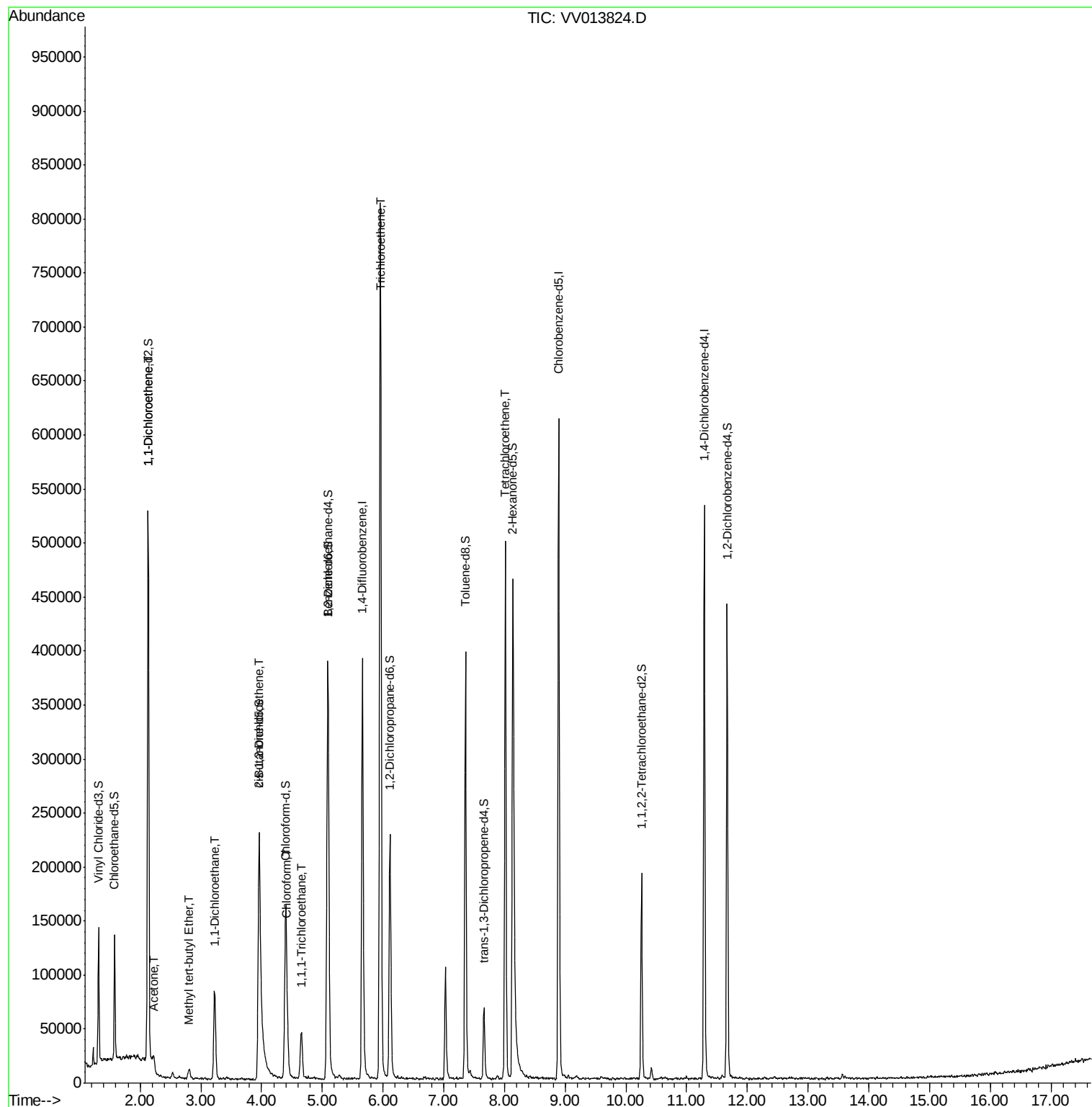
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013824.D
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Operator : SY/MD
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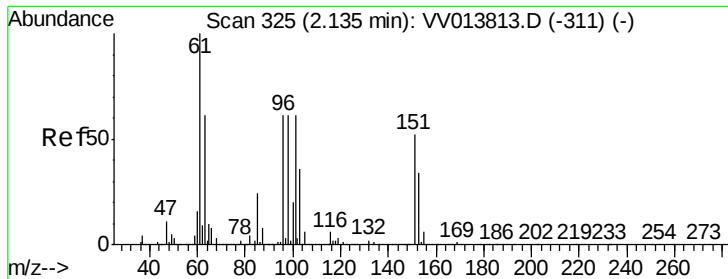
Instrument :
MSVOA_V
ClientSampleId :
BFE12DL

Manual Integrations
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12/2/2019 3:15:28 PM

Quant Time: Dec 02 02:51:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.049 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013824.D

Acq: 27 Nov 2019 15:13

Instrument :

MSVOA_V

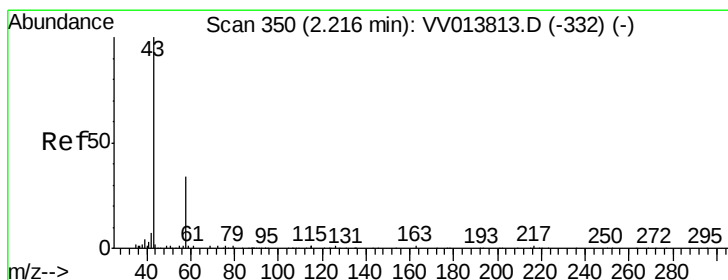
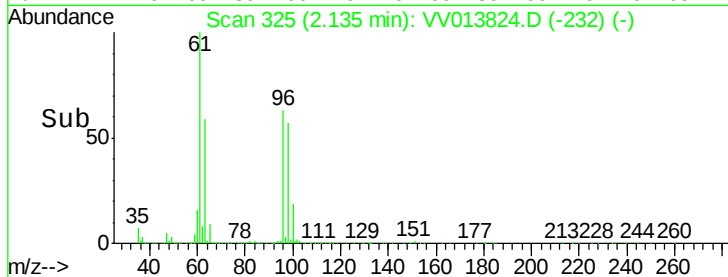
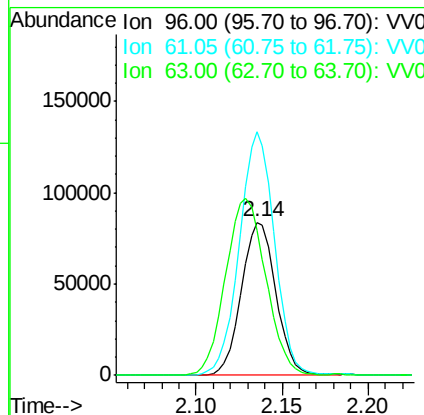
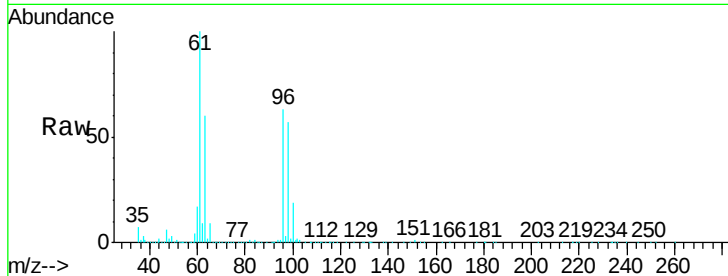
ClientSampleId :

BFE12DL

Tgt Ion:	96	Resp:	115708
Ion Ratio	Lower	Upper	
96	100		
61	158.7	116.3	215.9
63	94.5	96.7	179.7#

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#13

Acetone

Concen: 1.811 ug/L m

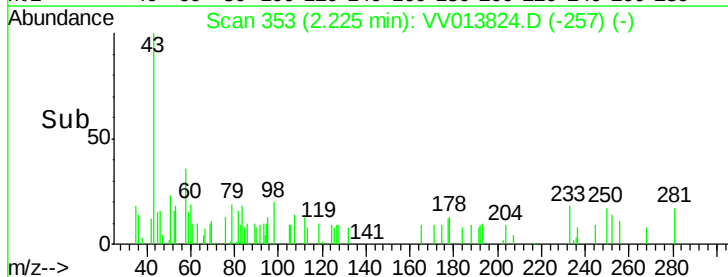
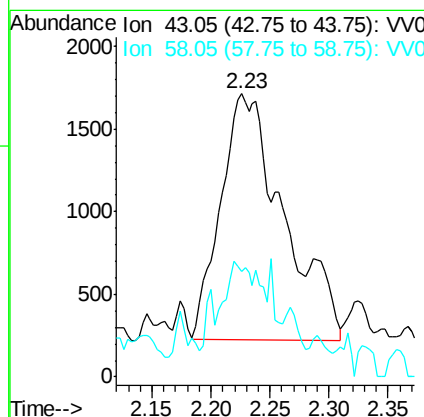
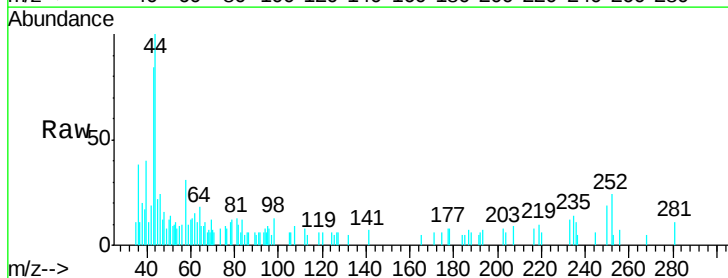
RT: 2.23 min Scan# 353

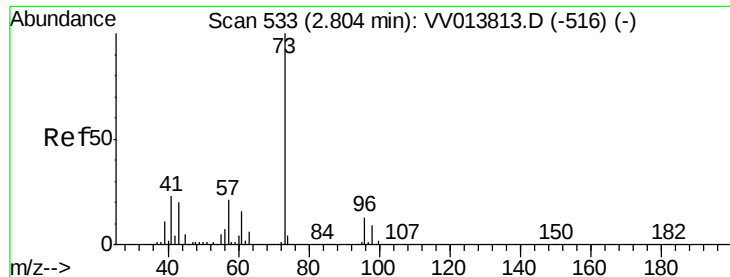
Delta R.T. 0.01 min

Lab File: VV013824.D

Acq: 27 Nov 2019 15:13

Tgt Ion:	43	Resp:	5564
Ion Ratio	Lower	Upper	
43	100		
58	32.1	0.0	27.2#





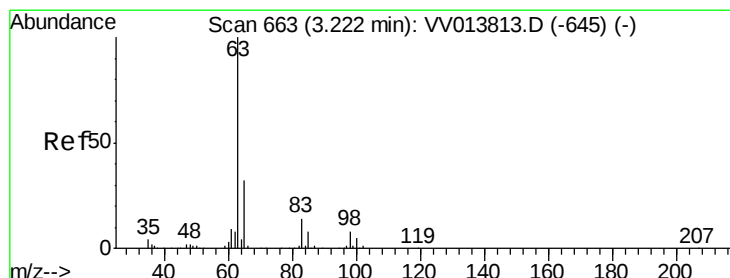
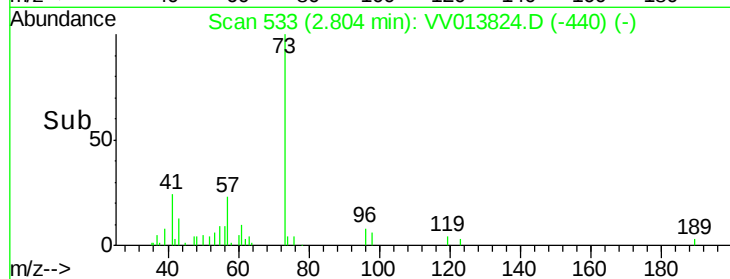
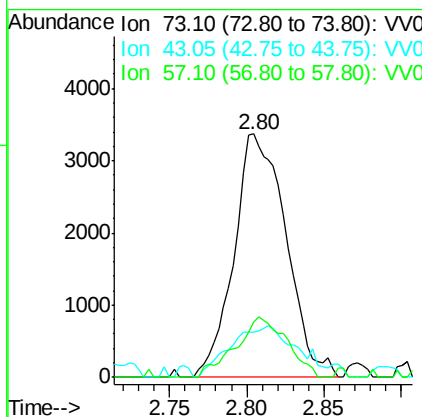
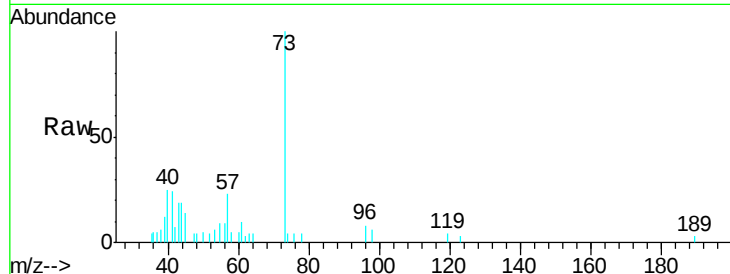
#17
Methyl tert-butyl Ether
Concen: 0.175 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Instrument :
MSVOA_V
ClientSampleId :
BFE12DL

Tgt Ion	Ratio	Lower	Upper
73	100		
43	27.2	15.5	23.3#
57	24.3	17.5	26.3

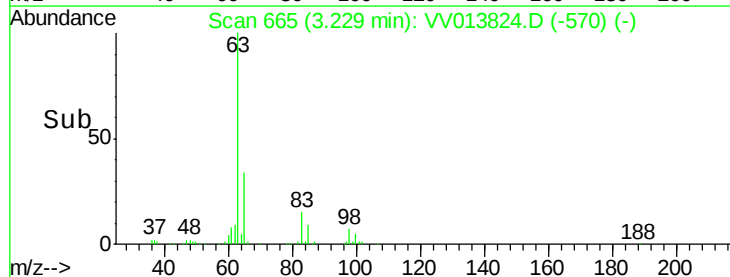
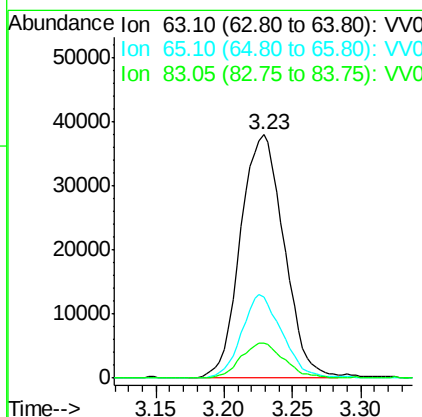
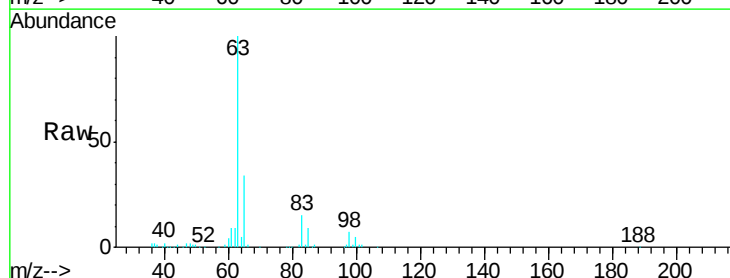
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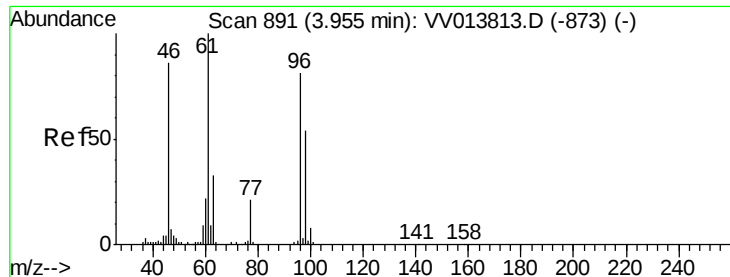
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#19
1,1-Dichloroethane
Concen: 2.279 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.7	42.1
83	14.6	9.2	17.2





#22

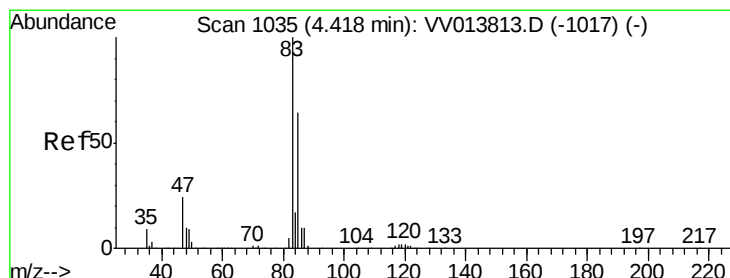
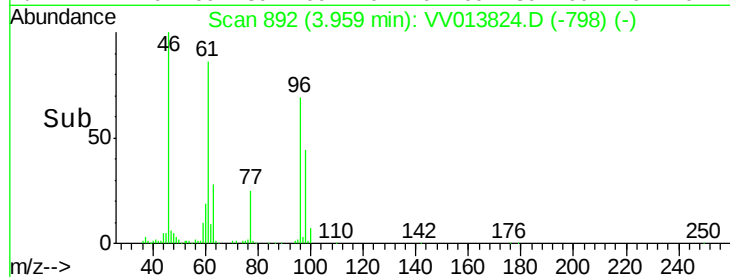
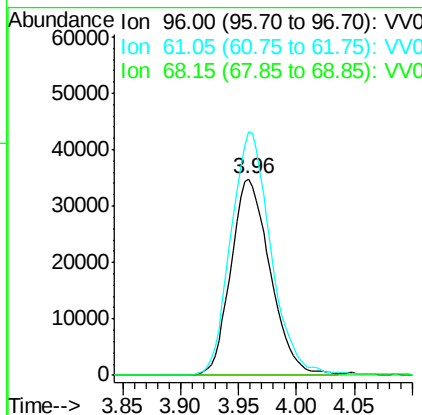
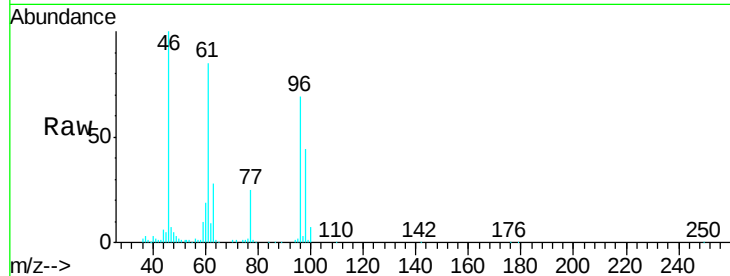
cis-1,2-Dichloroethene
Concen: 3.762 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Instrument :
MSVOA_V
ClientSampleId :
BFE12DL

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.8	86.1	159.9
68	0.0	0.0	0.0

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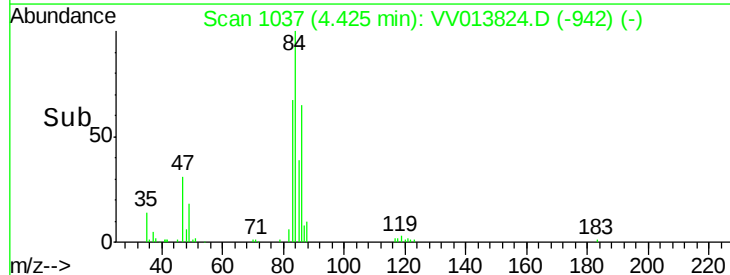
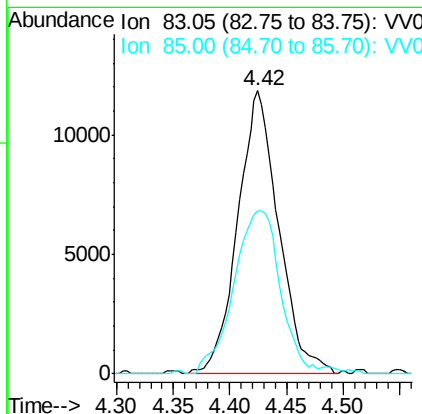
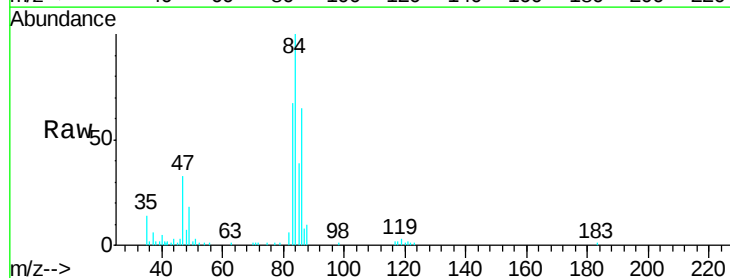
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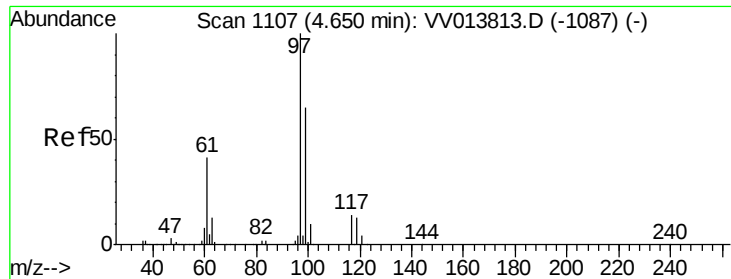


#25

Chloroform
Concen: 0.757 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.6	45.1	83.7





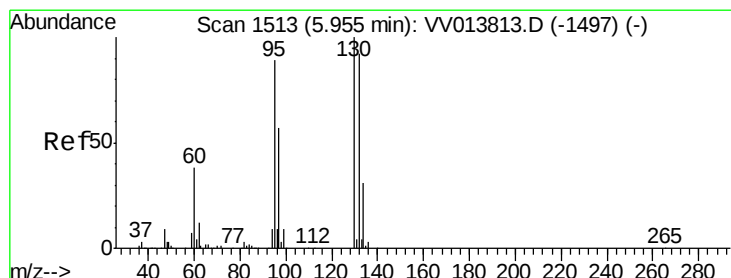
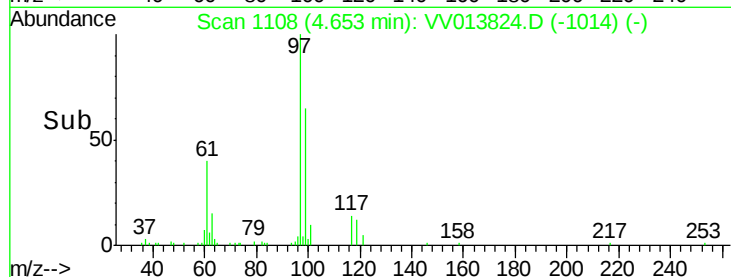
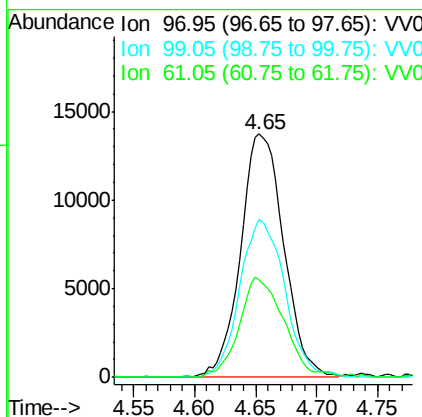
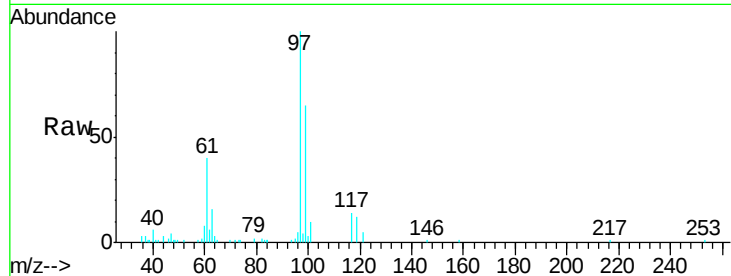
#29
1,1,1-Trichloroethane
Concen: 0.957 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.7	77.5
61	42.6	35.0	52.6

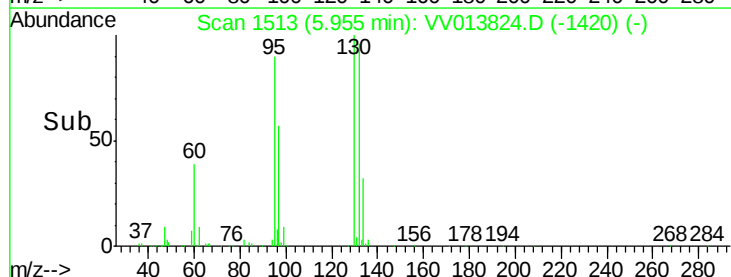
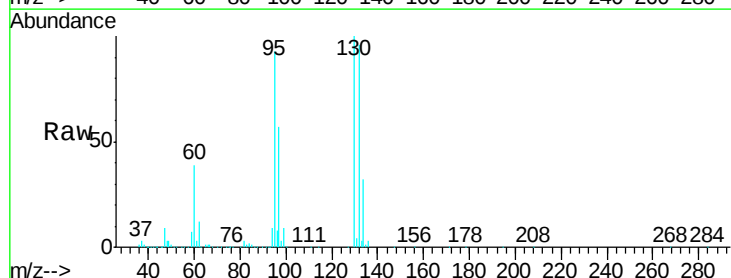
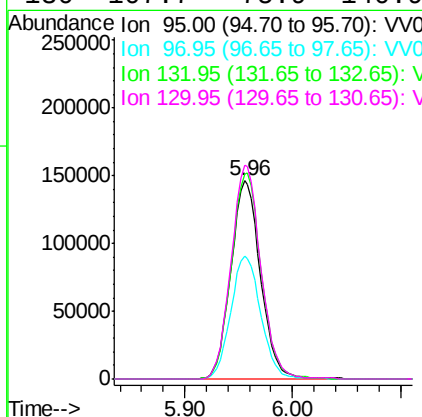
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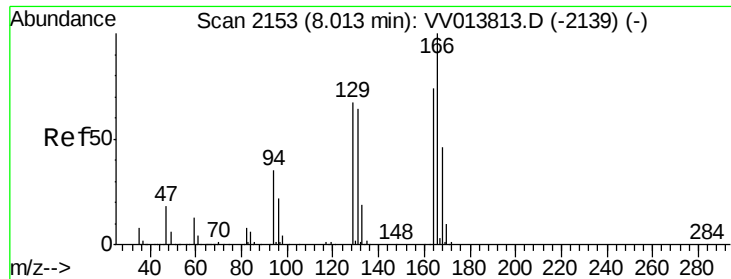
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#34
Trichloroethene
Concen: 12.103 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013824.D
Acq: 27 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.6	84.8
132	103.5	70.5	130.9
130	107.7	75.9	140.9





#47

Tetrachloroethene

Concen: 5.987 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013824.D

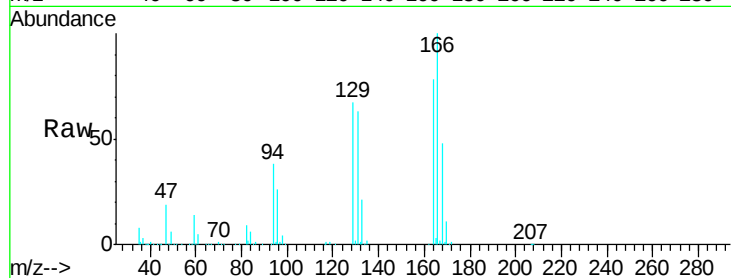
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Instrument :

MSVOA_V

ClientSampleId :

BFE12DL



Tgt Ion:164 Resp: 120462

Ion Ratio Lower Upper

164 100

129 85.3 60.3 112.1

131 81.1 59.9 111.3

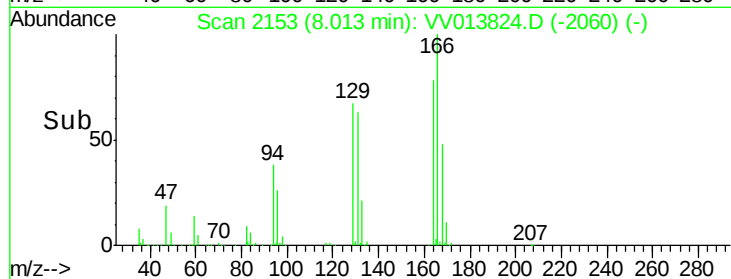
166 127.8 89.1 165.5

Manual Integrations

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Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

