

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013749.D
 Acq On : 22 Nov 2019 21:24
 Operator : SY/MD
 Sample : K5941-18DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD4DL

Manual Integrations
 APPROVED

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 11/26/2019 12:54:02 PM

Quant Time: Nov 25 10:57:41 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	323626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109483	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	99575	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.13	63	165673	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.92	46	275091	66.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.12%#
24) Chloroform-d	4.40	84	215988	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	115344	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.10	84	440587	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.11	67	138918	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	373294	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	48023	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.13	63	194300	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	99101	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	160681	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	7195	0.372	ug/L #	23
8) Chloroethane	1.60	64	8341	0.716	ug/L	99
12) 1,1-Dichloroethene	2.14	96	33911	2.179	ug/L #	37
13) Acetone	2.19	43	8110m	2.785	ug/L	
17) Methyl tert-butyl Ether	2.80	73	14130	0.332	ug/L #	92
19) 1,1-Dichloroethane	3.23	63	97207	2.771	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	8995	0.437	ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	26151	0.789	ug/L	98
34) Trichloroethene	5.95	95	210039	9.581	ug/L	98
42) Toluene	7.43	91	9670	0.113	ug/L	100
47) Tetrachloroethene	8.02	164	9230	0.485	ug/L	96

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

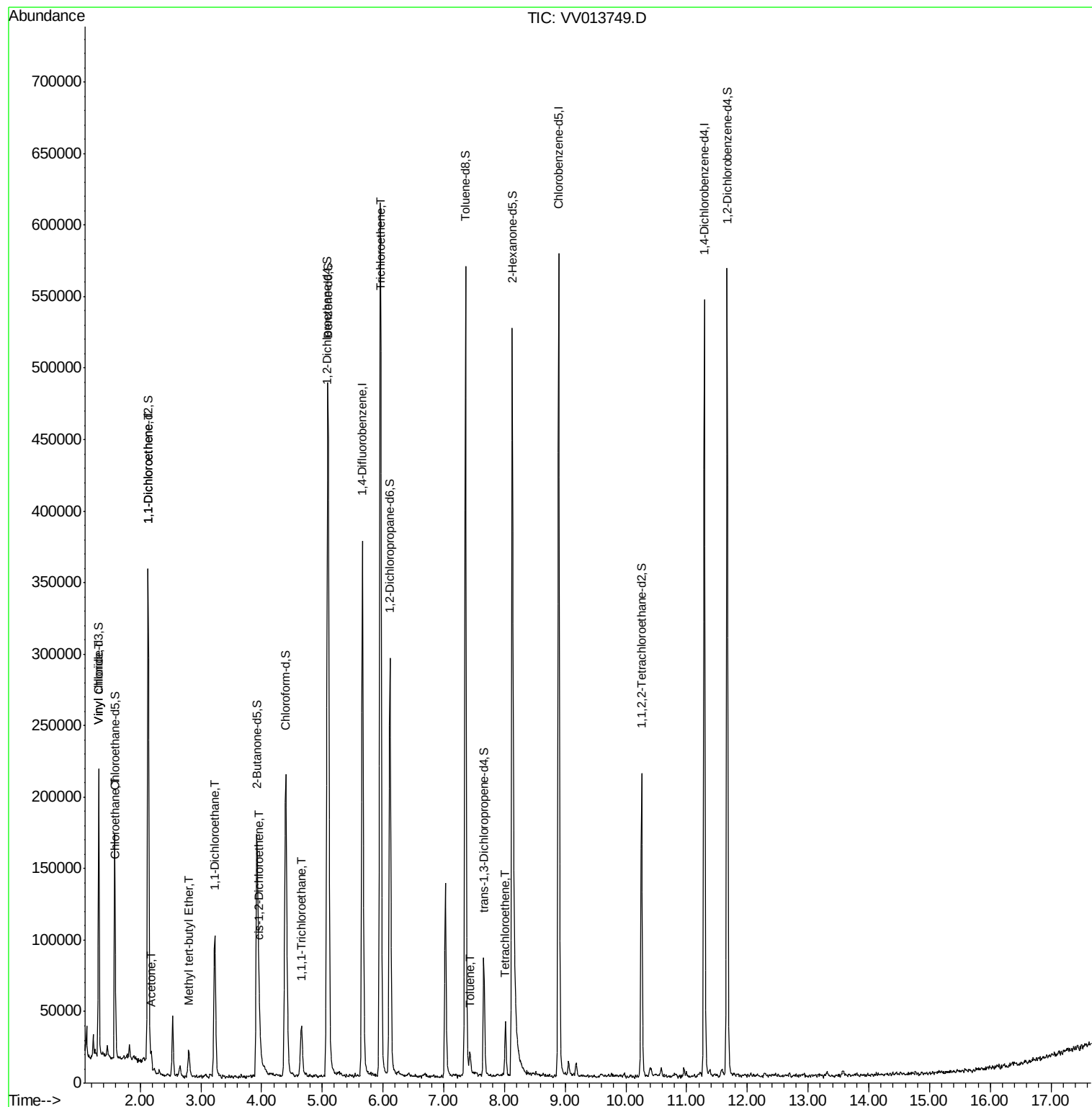
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112219\
Data File : VV013749.D
Acq On : 22 Nov 2019 21:24
Operator : SY/MD
Sample : K5941-18DL 5X
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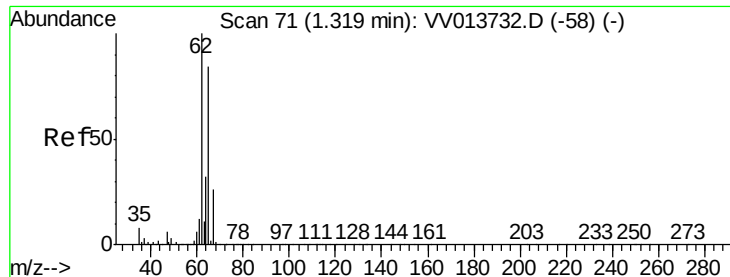
Instrument :
MSVOA_V
ClientSampleId :
B0AD4DL

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Quant Time: Nov 25 10:57:41 2019
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 0.372 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013749.D

Acq: 22 Nov 2019 21:24

Instrument :

MSVOA_V

ClientSampleId :

B0AD4DL

Tot Ion: 62 Resp: 7195

Ion Ratio Lower Upper

62 100

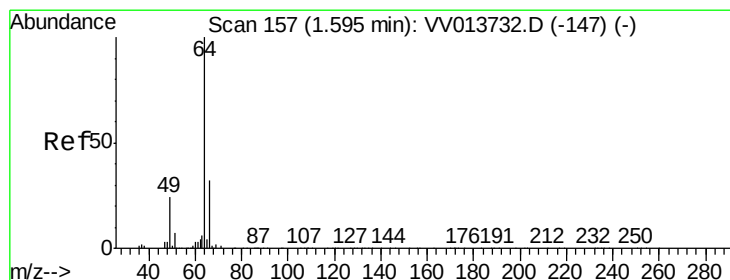
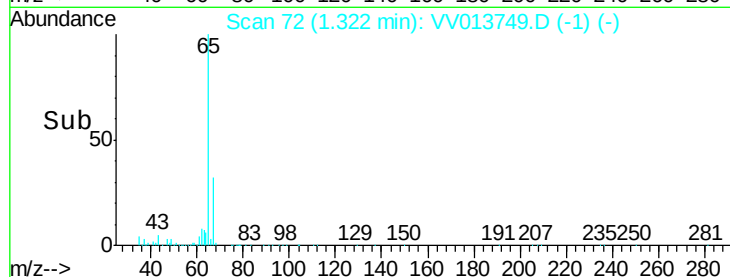
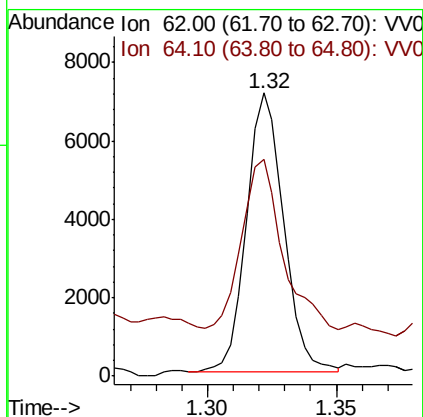
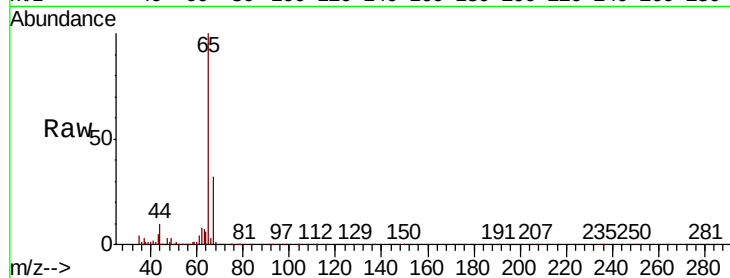
64 76.8 23.3 43.3#

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#8

Chloroethane

Concen: 0.716 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013749.D

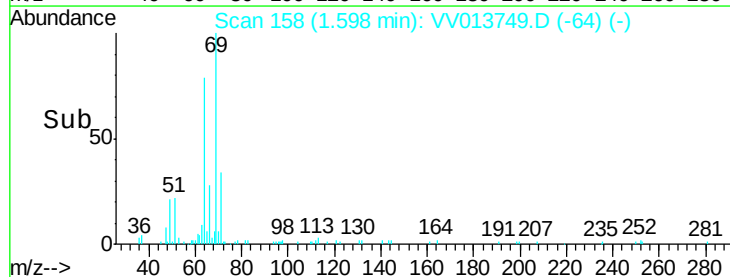
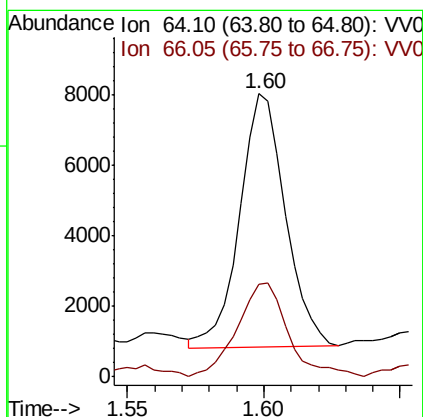
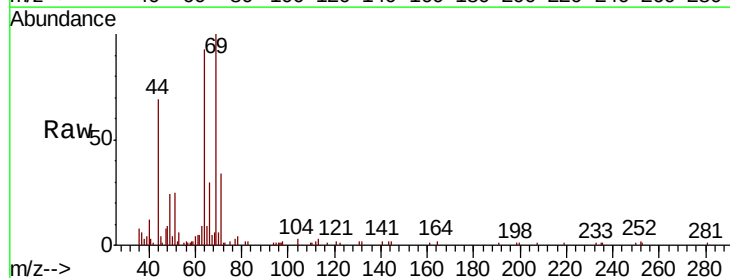
Acq: 22 Nov 2019 21:24

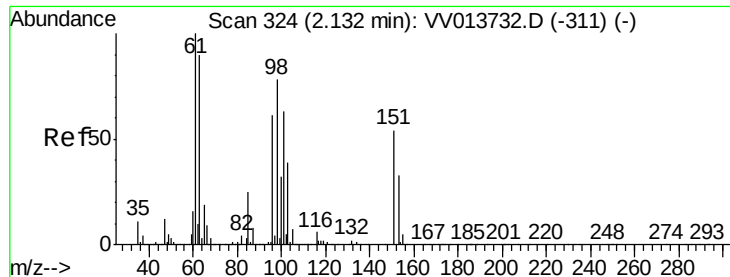
Tgt Ion: 64 Resp: 8341

Ion Ratio Lower Upper

64 100

66 32.7 22.6 42.0





#12

1,1-Dichloroethene

Concen: 2.179 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV013749.D

Acq: 22 Nov 2019 21:24

Instrument :

MSVOA_V

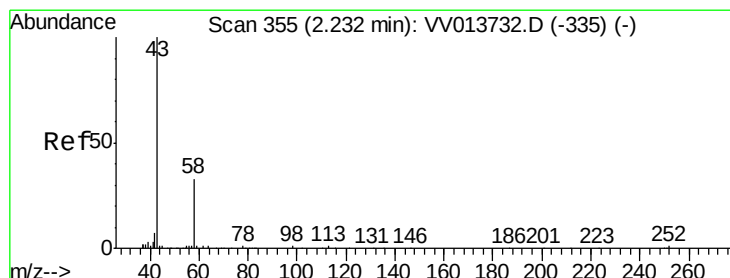
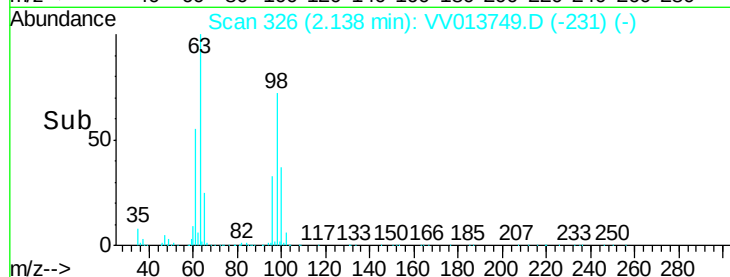
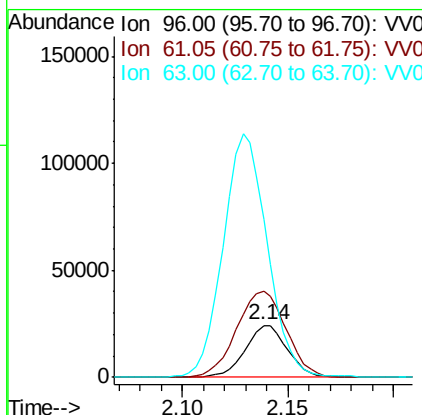
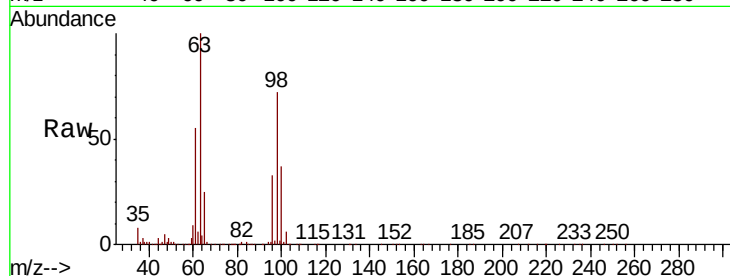
ClientSampleId :

B0AD4DL

Tot Ion:	96	Resp:	33911
Ion Ratio	Lower	Upper	
96	100		
61	167.3	116.3	215.9
63	304.1	96.7	179.7#

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#13

Acetone

Concen: 2.785 ug/L m

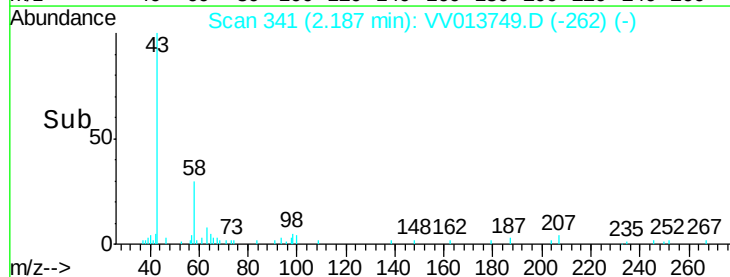
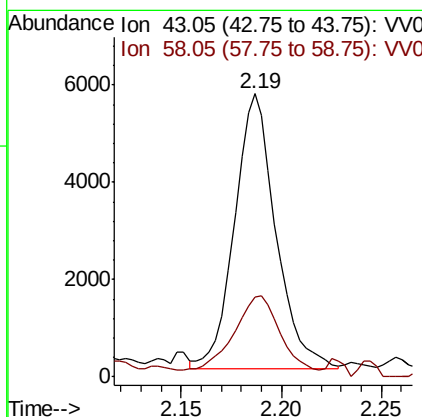
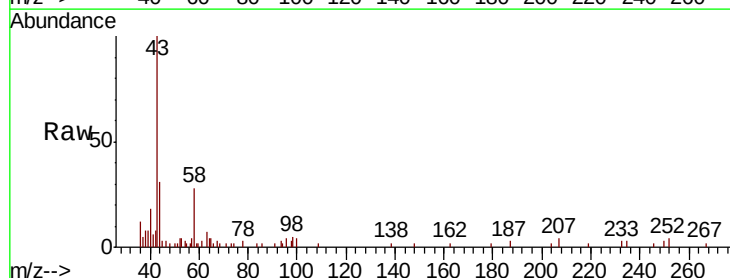
RT: 2.19 min Scan# 341

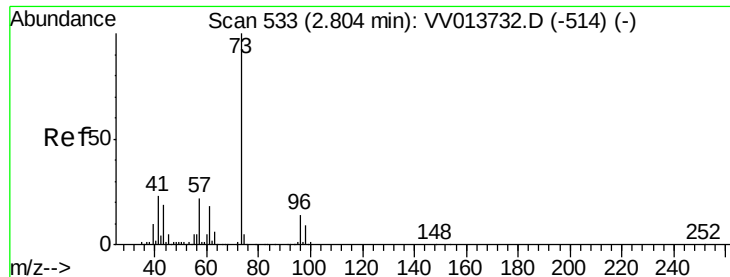
Delta R.T. -0.05 min

Lab File: VV013749.D

Acq: 22 Nov 2019 21:24

Tgt Ion:	43	Resp:	8110
Ion Ratio	Lower	Upper	
43	100		
58	1.1	0.0	27.2





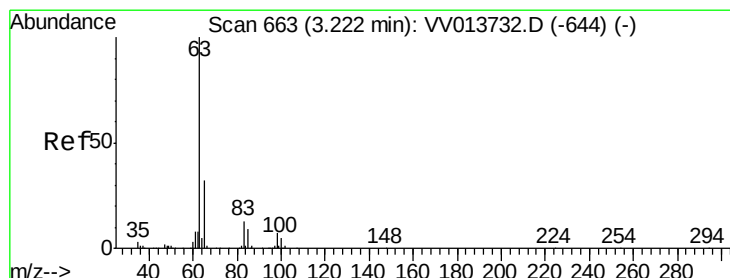
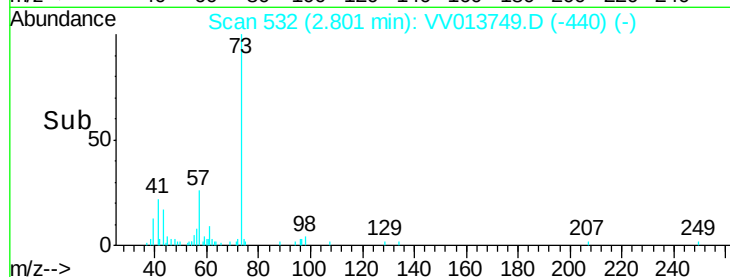
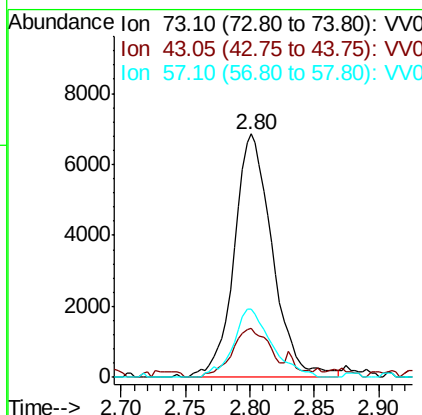
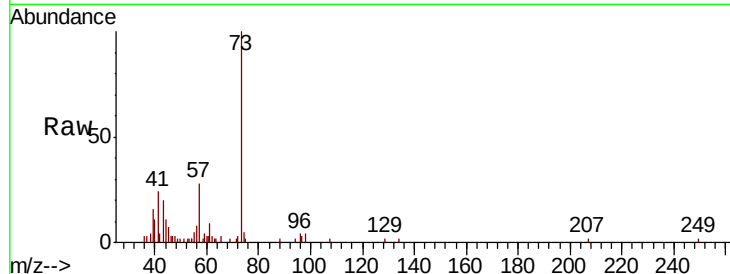
#17
Methyl tert-butyl Ether
Concen: 0.332 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013749.D
Acq: 22 Nov 2019 21:24

Instrument :
MSVOA_V
ClientSampleId :
B0AD4DL

Tot Ion	Ratio	Lower	Upper
73	100		
43	20.0	15.5	23.3
57	28.2	17.5	26.3

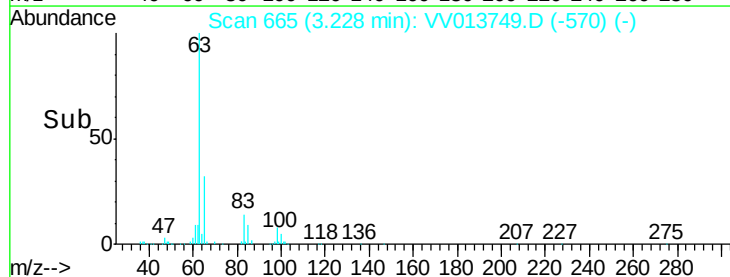
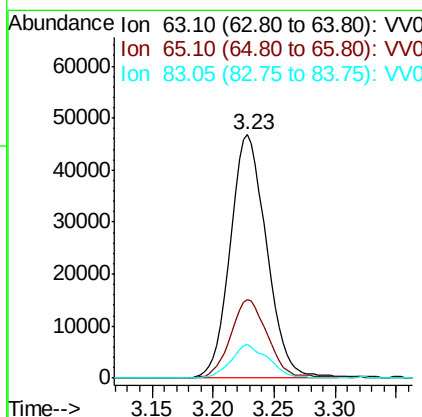
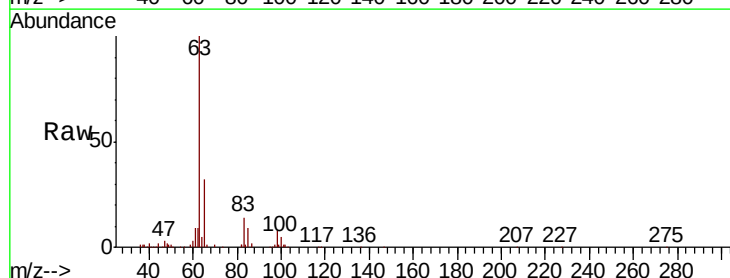
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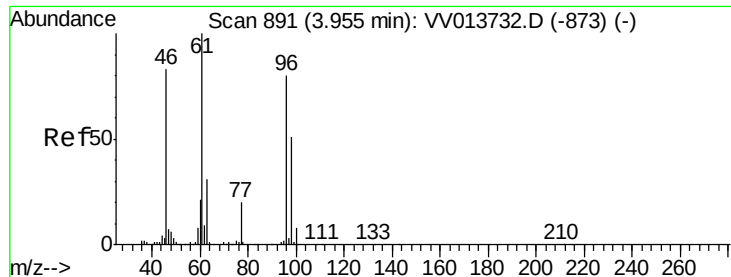
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#19
1,1-Dichloroethane
Concen: 2.771 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013749.D
Acq: 22 Nov 2019 21:24

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.7	42.1
83	13.7	9.2	17.2





#22

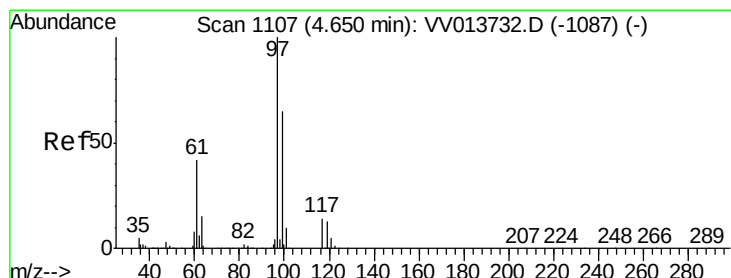
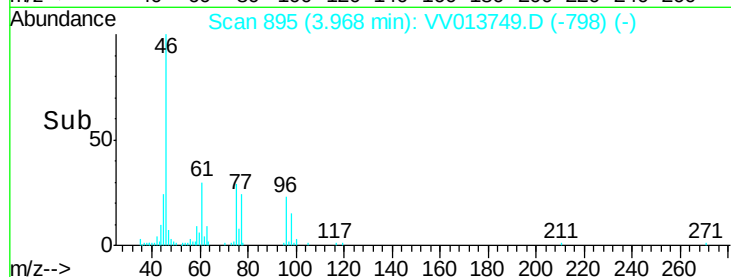
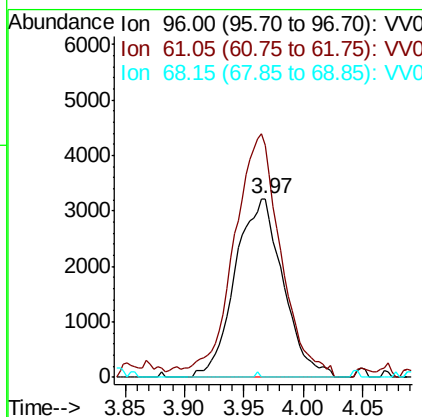
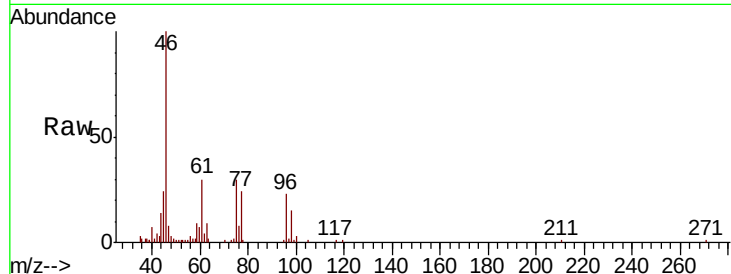
cis-1,2-Dichloroethene
 Concen: 0.437 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV013749.D
 Acq: 22 Nov 2019 21:24

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	8995		
61	61	130.3		86.1	159.9
68	68	0.0		0.0	0.0

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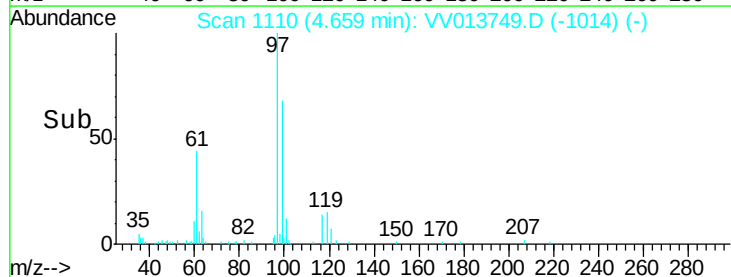
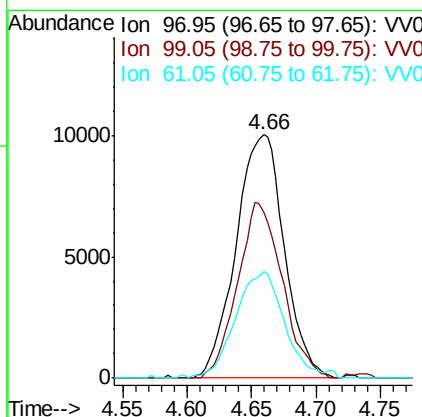
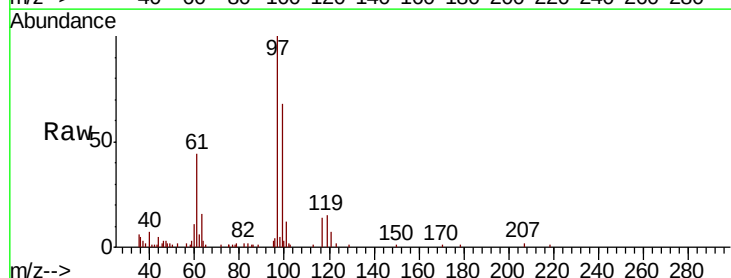
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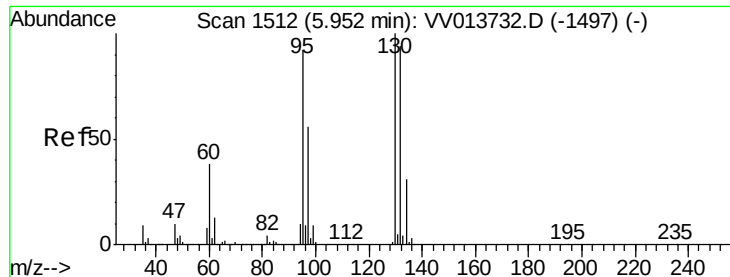


#29

1,1,1-Trichloroethane
 Concen: 0.789 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: VV013749.D
 Acq: 22 Nov 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	26151		
99	99	66.9		51.7	77.5
61	61	44.0		35.0	52.6





#34

Trichloroethene

Concen: 9.581 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013749.D

Acq: 22 Nov 2019 21:24

Instrument :

MSVOA_V

ClientSampleId :

B0AD4DL

Tot Ion: 95 Resp: 210039

Ion Ratio Lower Upper

95 100

97 62.8 45.6 84.8

132 104.5 70.5 130.9

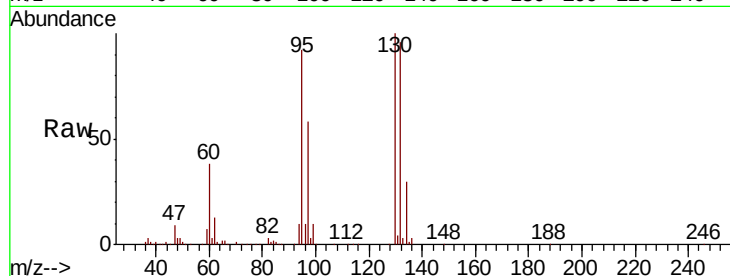
130 108.3 75.9 140.9

Manual Integrations

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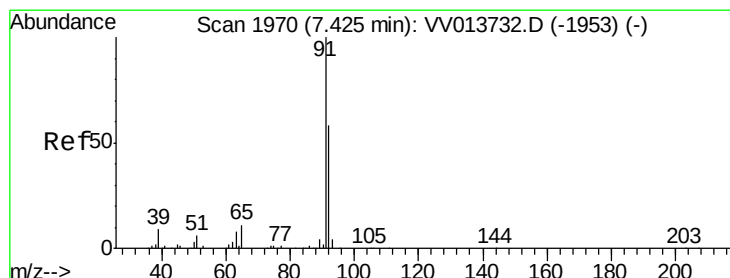
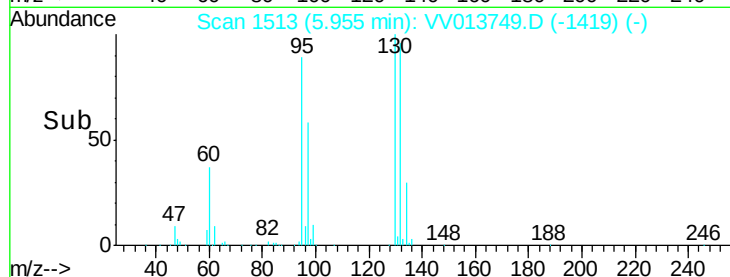
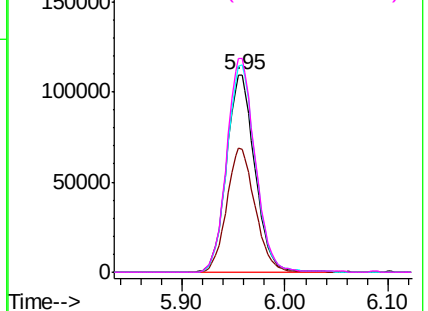


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 0.113 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013749.D

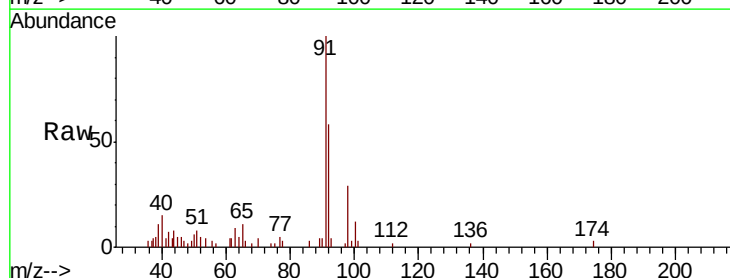
Acq: 22 Nov 2019 21:24

Tgt Ion: 91 Resp: 9670

Ion Ratio Lower Upper

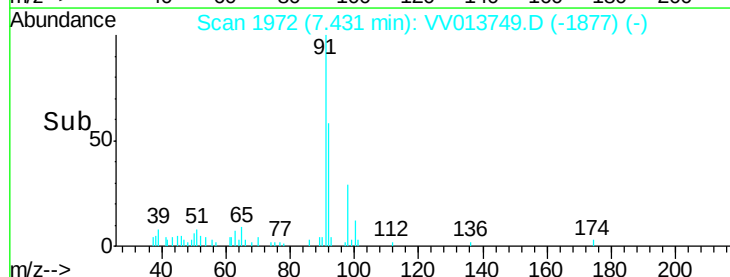
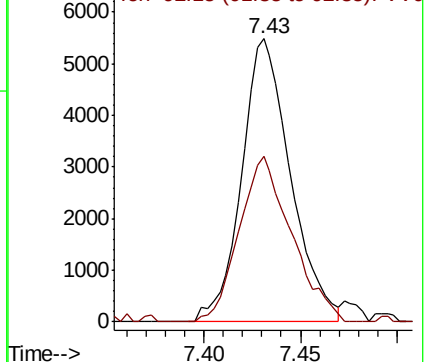
91 100

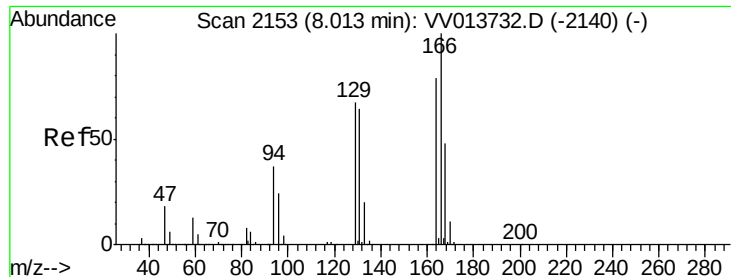
92 58.5 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





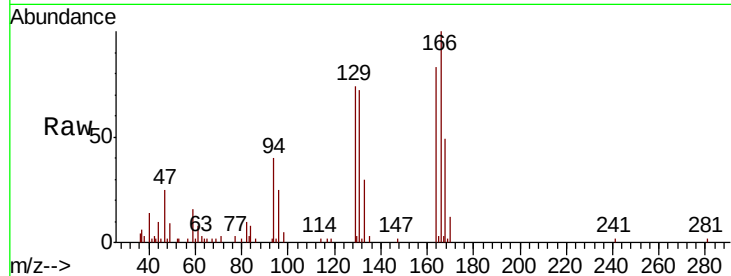
#47
Tetrachloroethene
Concen: 0.485 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013749.D
Acq: 22 Nov 2019 21:24

Instrument :
MSVOA_V
ClientSampleId :
B0AD4DL

Tot Ion:	164	Resp:	9230
Ion	Ratio	Lower	Upper
164	100		
129	89.6	60.3	112.1
131	87.3	59.9	111.3
166	120.5	89.1	165.5

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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

