

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033263.D
 Acq On : 16 Jul 2019 14:57
 Operator : JC/SP
 Sample : K3772-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52L6

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 10:05:31 AM

Quant Time: Jul 17 05:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 04:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	138020	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	141842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54005	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.67	69	45086	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.26	63	126709	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.19	46	145087	55.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.78%
24) Chloroform-d	4.62	84	83788	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.29	65	46371	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.32	84	170648	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.31	67	53865	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.55	98	154770	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.83	79	20877	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.30	63	85498	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44030	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	58741	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	16888	1.221	ug/L 98
5) Vinyl chloride	1.40	62	200407	13.488	ug/L 99
12) 1,1-Dichloroethene	2.27	96	76939	6.785	ug/L 81
13) Acetone	2.31	43	7920	3.454	ug/L 95
18) trans-1,2-Dichloroethene	2.96	96	76383	6.098	ug/L 98
19) 1,1-Dichloroethane	3.42	63	19548	1.039	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	18901618	1785.555	ug/L 76
29) 1,1,1-Trichloroethane	4.89	97	8324	0.508	ug/L 93
34) Trichloroethene	6.17	95	17164669m	1614.882	ug/L
47) Tetrachloroethene	8.21	164	16277	1.911	ug/L 97
63) 1,4-Dichlorobenzene	11.49	146	4282	0.207	ug/L 95
65) 1,2-Dichlorobenzene	11.86	146	5428	0.278	ug/L 94

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

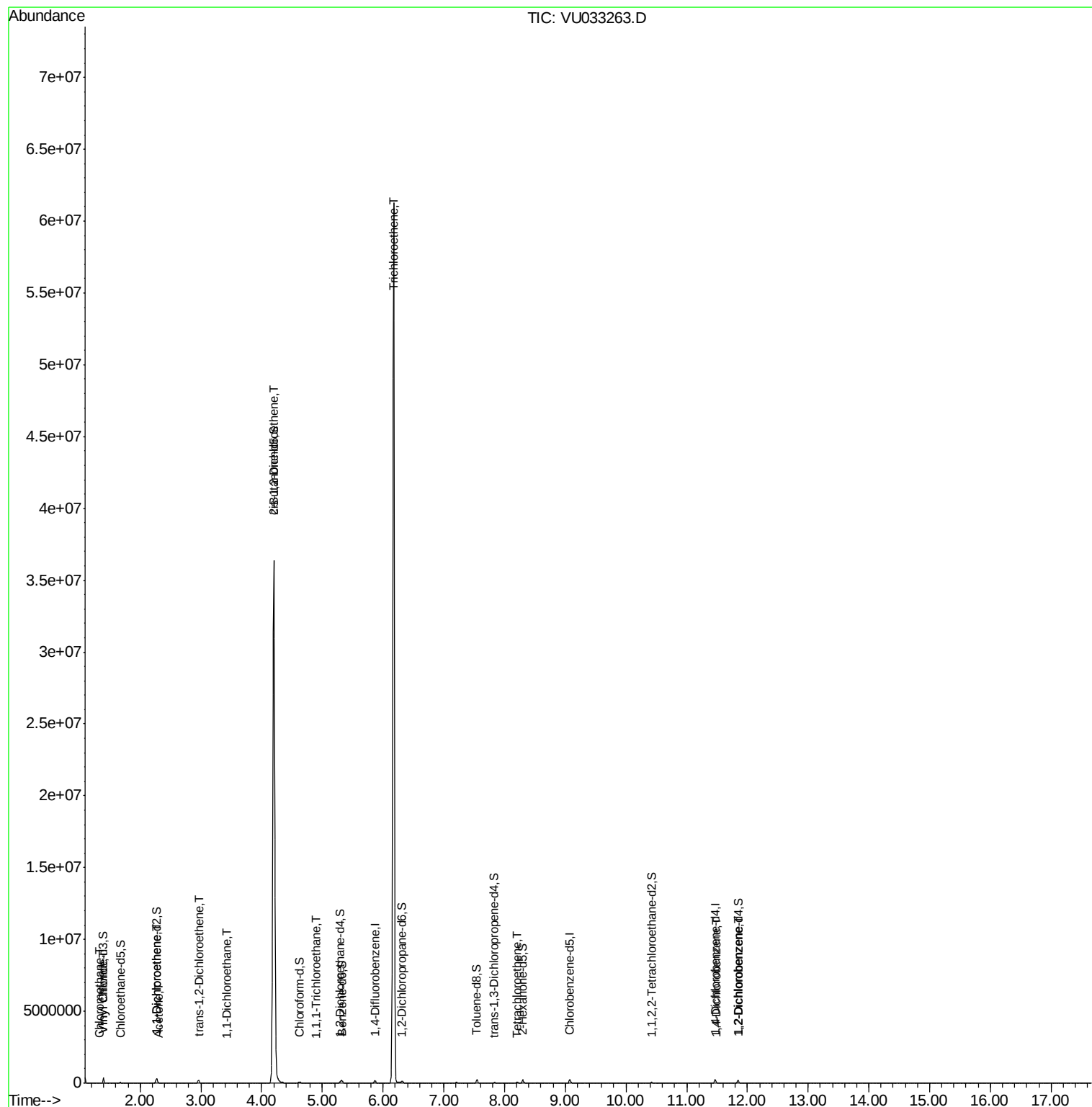
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
Data File : VU033263.D
Acq On : 16 Jul 2019 14:57
Operator : JC/SP
Sample : K3772-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

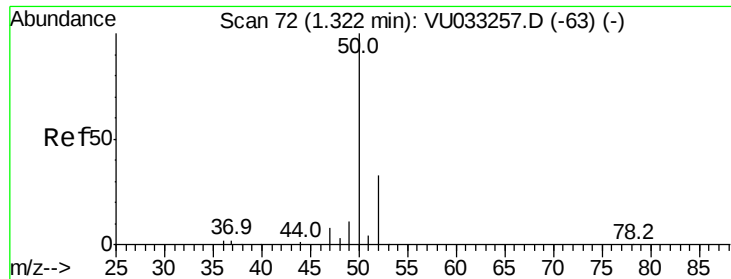
Instrument :
MSVOA_U
ClientSampleId :
A52L6

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Quant Time: Jul 17 05:19:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.221 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

A52L6

Tot Ion: 50 Resp: 16888

Ion Ratio Lower Upper

50 100

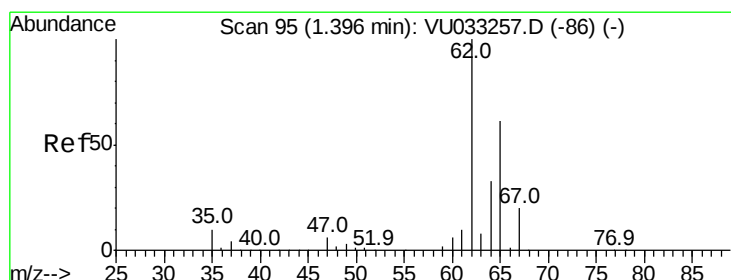
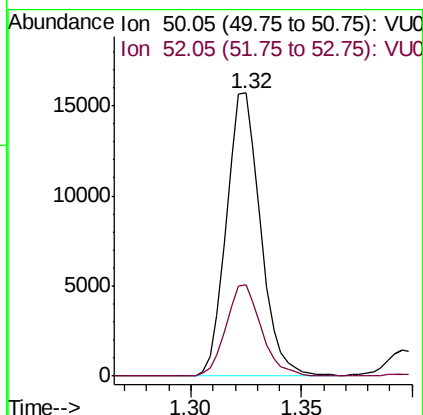
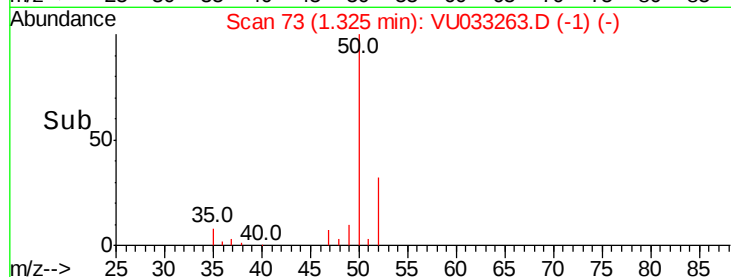
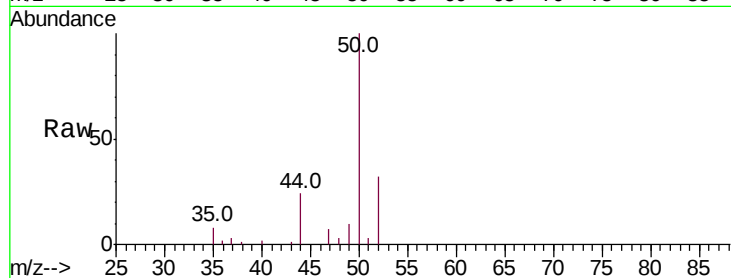
52 32.4 23.3 43.3

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#5

Vinyl chloride

Concen: 13.488 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033263.D

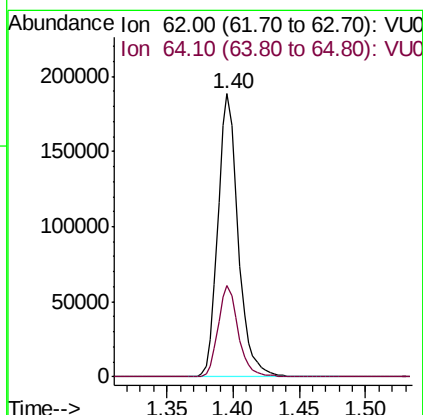
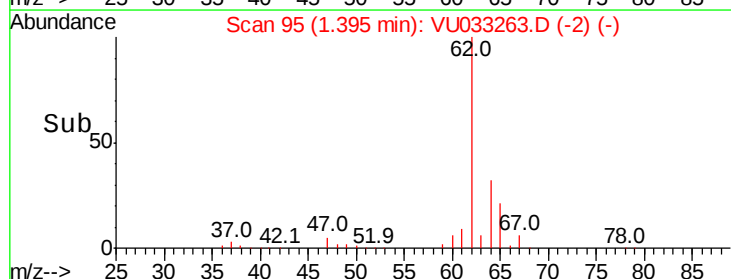
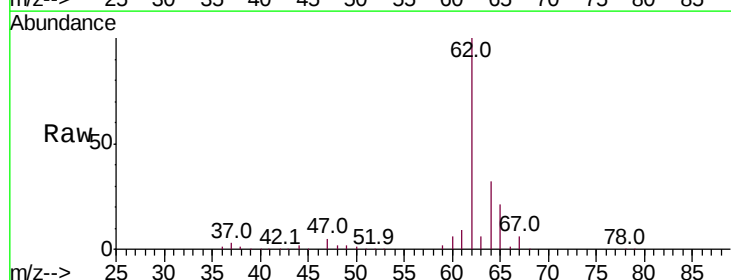
Acq: 16 Jul 2019 14:57

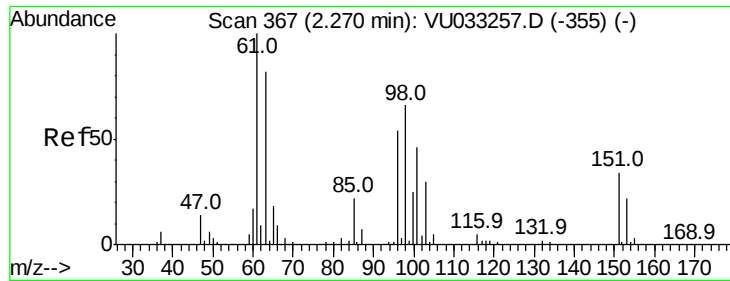
Tgt Ion: 62 Resp: 200407

Ion Ratio Lower Upper

62 100

64 32.2 22.8 42.4





#12

1,1-Dichloroethene

Concen: 6.785 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Instrument :

MSVOA_U

ClientSampled :

A52L6

Tot Ion: 96 Resp: 76939

Ion Ratio Lower Upper

96 100

61 174.8 129.3 240.1

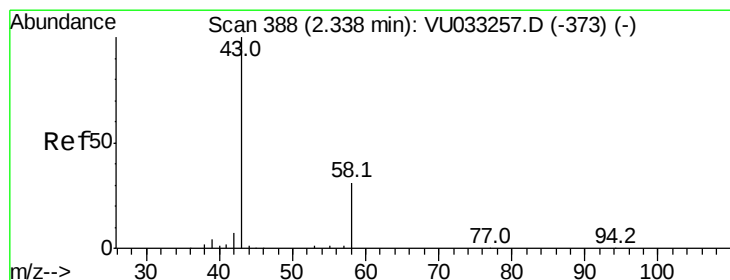
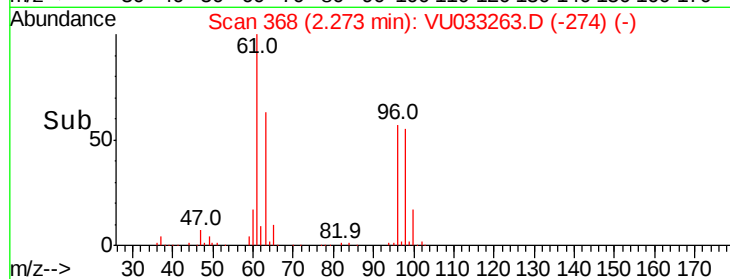
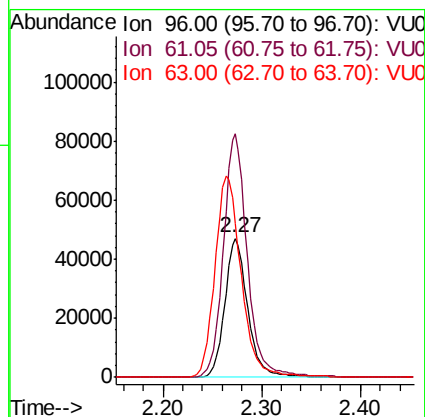
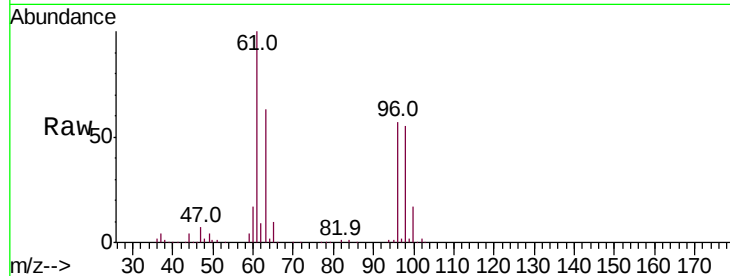
63 111.0 108.9 202.3

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#13

Acetone

Concen: 3.454 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU033263.D

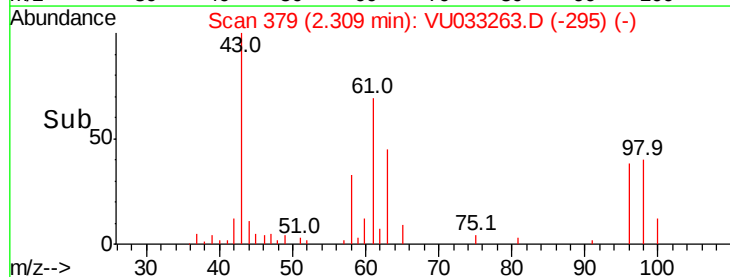
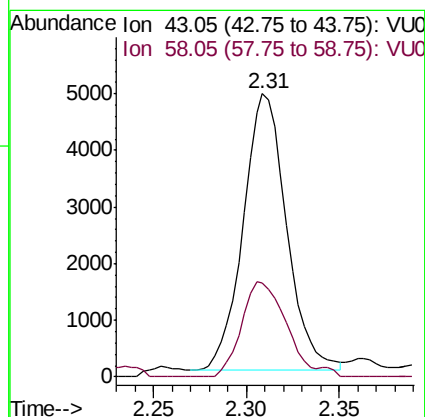
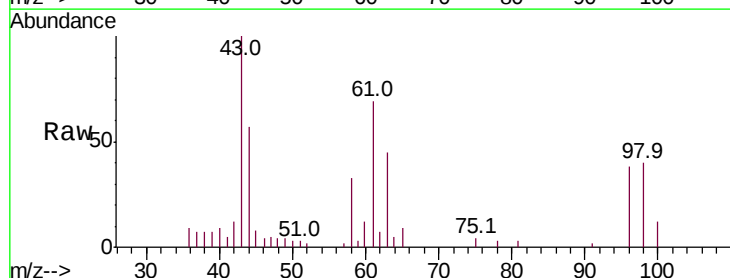
Acq: 16 Jul 2019 14:57

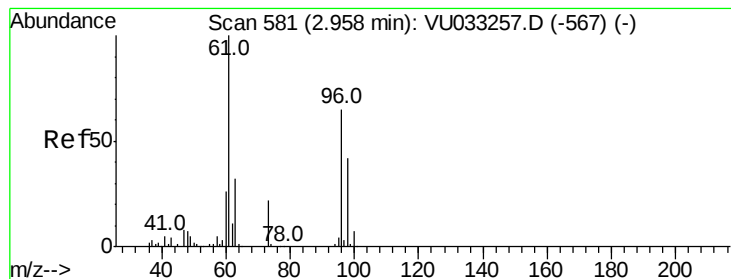
Tgt Ion: 43 Resp: 7920

Ion Ratio Lower Upper

43 100

58 35.9 0.0 66.6





#18

trans-1,2-Dichloroethene

Concen: 6.098 ug/L

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Instrument :

MSVOA_U

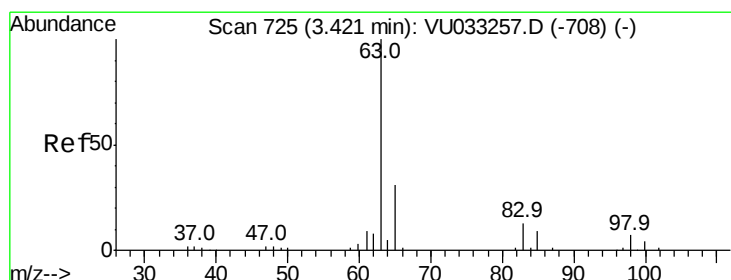
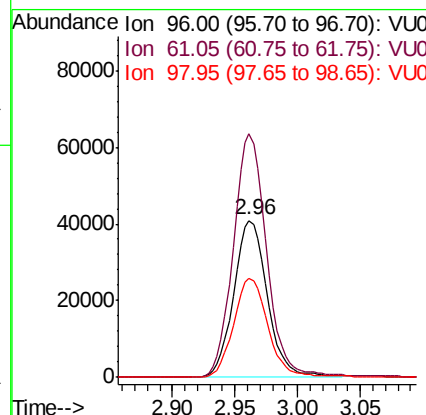
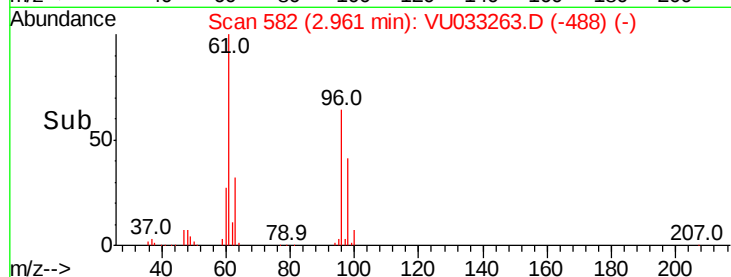
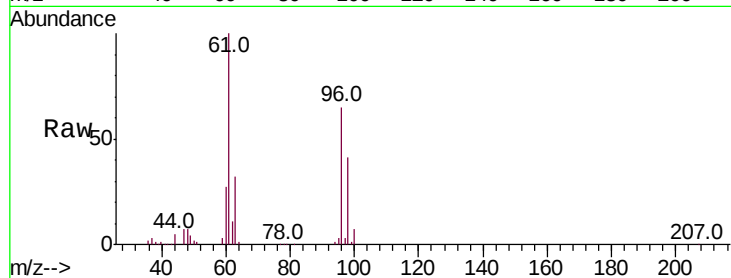
ClientSampleId :

A52L6

Tot Ion:	96	Resp:	76383
Ion	Ratio	Lower	Upper
96	100		
61	155.0	107.1	198.9
98	62.9	45.4	84.4

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#19

1,1-Dichloroethane

Concen: 1.039 ug/L

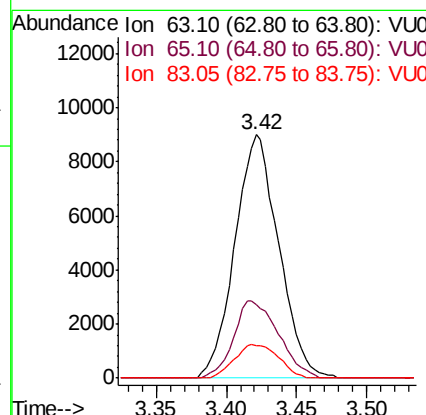
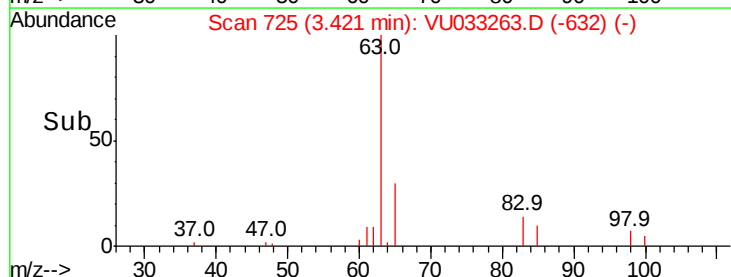
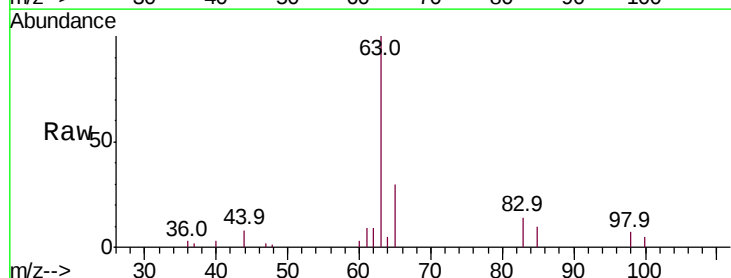
RT: 3.42 min Scan# 725

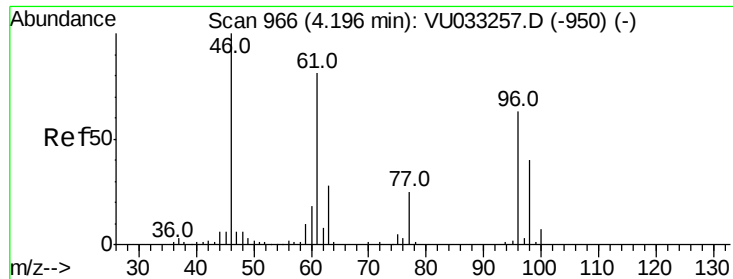
Delta R.T. -0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Tgt Ion:	63	Resp:	19548
Ion	Ratio	Lower	Upper
63	100		
65	30.1	21.7	40.3
83	13.5	9.0	16.8





#22

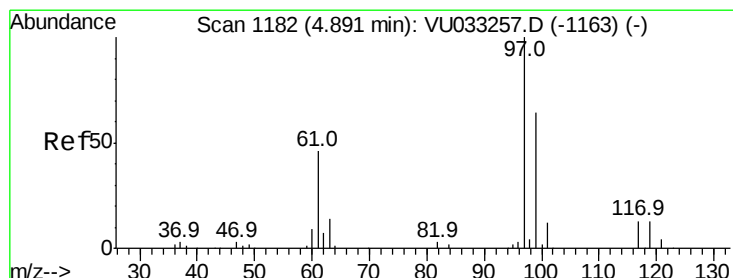
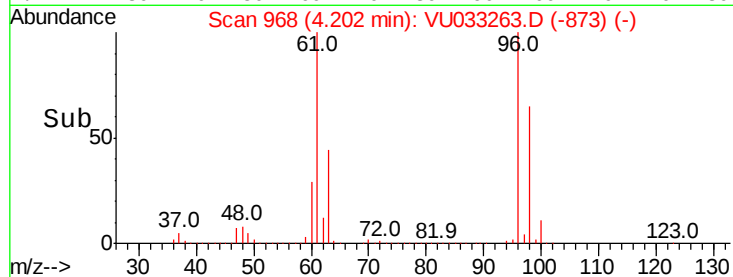
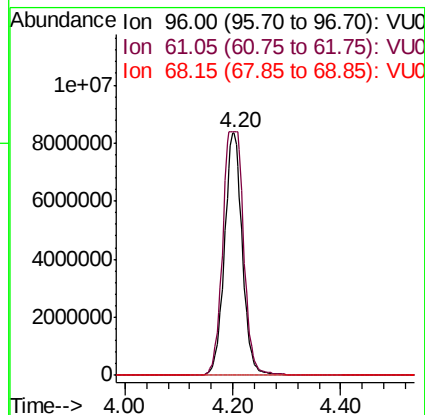
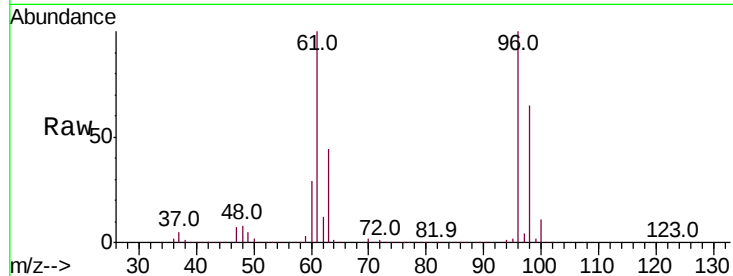
cis-1,2-Dichloroethene
Concen: 1785.555 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument :
MSVOA_U
ClientSampled :
A52L6

Tot Ion: 96 Resp:18901618
Ion Ratio Lower Upper
96 100
61 100.3 89.2 165.6
68 0.0 0.0 0.0

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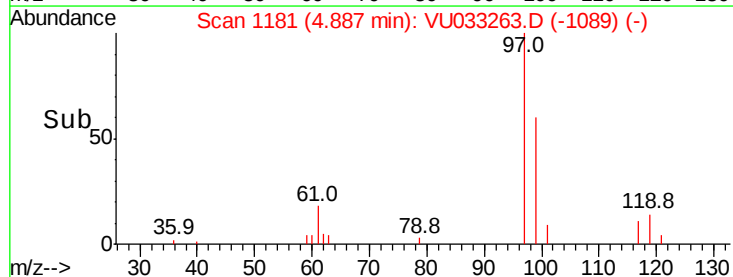
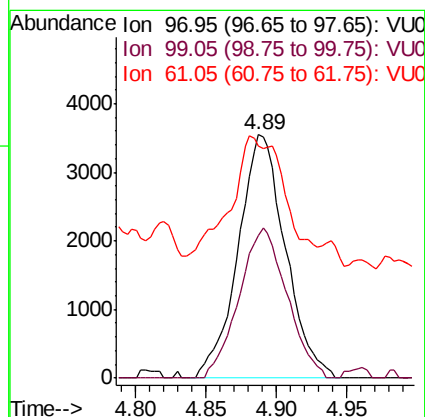
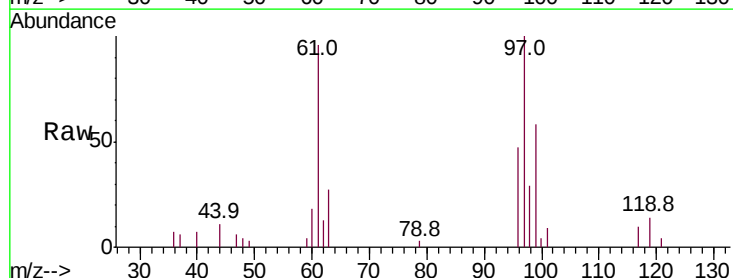
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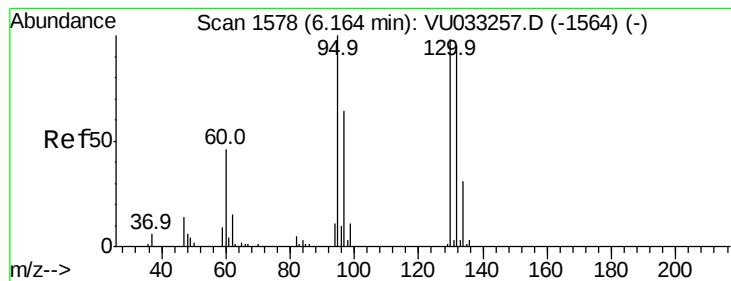


#29

1,1,1-Trichloroethane
Concen: 0.508 ug/L
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 97 Resp: 8324
Ion Ratio Lower Upper
97 100
99 62.3 51.6 77.4
61 53.2 36.2 54.4





#34

Trichloroethene

Concen: 1614.882 ug/L m

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

A52L6

Tot Ion: 95 Resp: 17164669

Ion Ratio Lower Upper

95 100

97 70.1 44.5 82.7

132 95.7 66.6 123.8

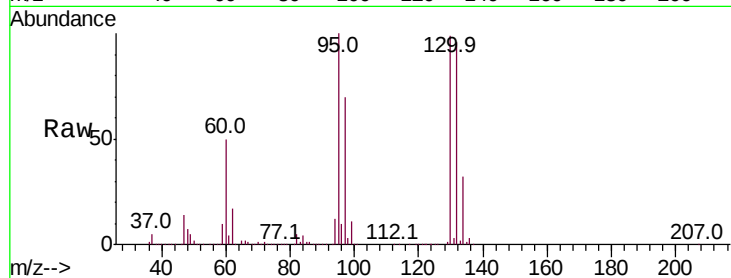
130 99.4 68.9 127.9

Manual Integrations

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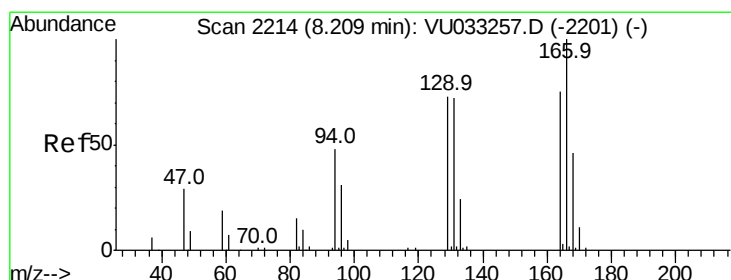
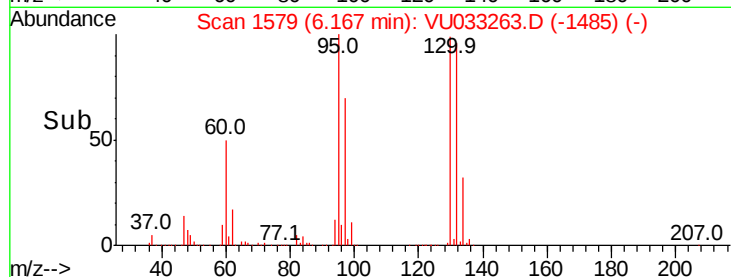
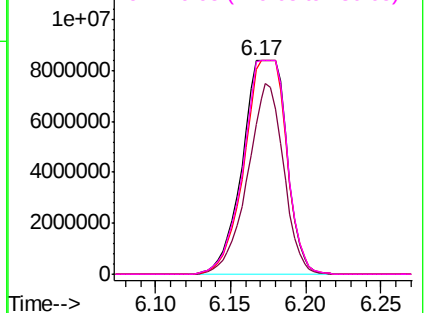
Abundance

Ion 95.00 (94.70 to 95.70): VU033257.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU033257.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU033257.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU033257.D (-1564) (-)



#47

Tetrachloroethene

Concen: 1.911 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033263.D

Acq: 16 Jul 2019 14:57

Tgt Ion: 164 Resp: 16277

Ion Ratio Lower Upper

164 100

129 105.5 68.5 127.1

131 98.3 67.3 124.9

166 132.5 93.1 172.9

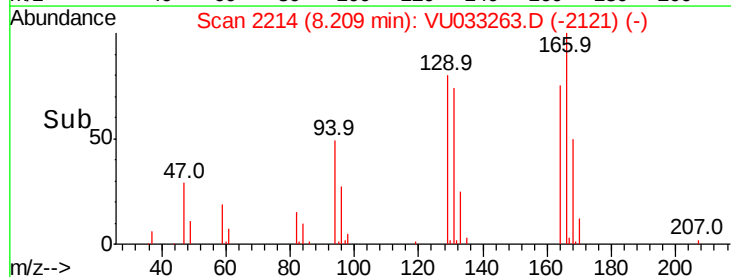
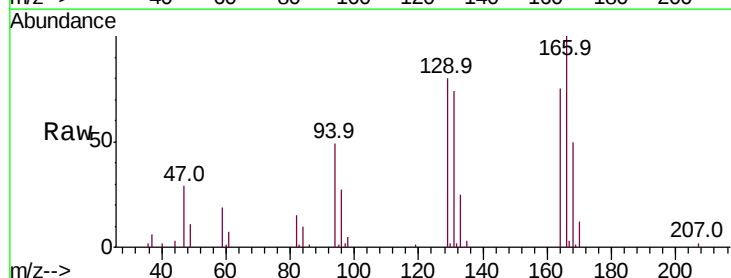
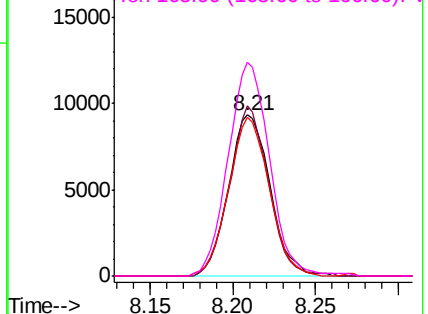
Abundance

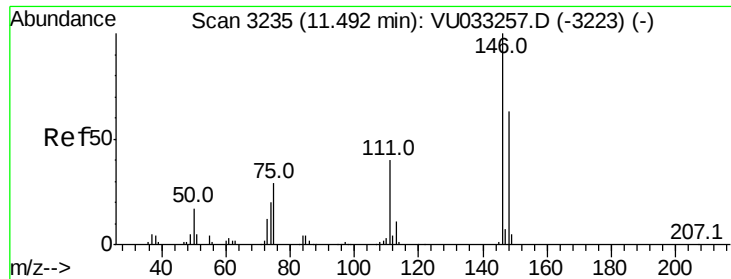
Ion 163.90 (163.60 to 164.60): VU033257.D (-2201) (-)

Ion 128.95 (128.65 to 129.65): VU033257.D (-2201) (-)

Ion 130.95 (130.65 to 131.65): VU033257.D (-2201) (-)

Ion 165.90 (165.60 to 166.60): VU033257.D (-2201) (-)





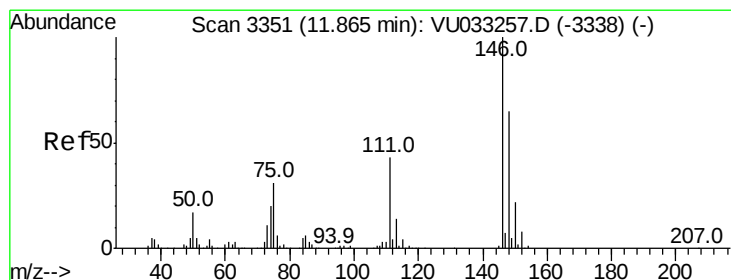
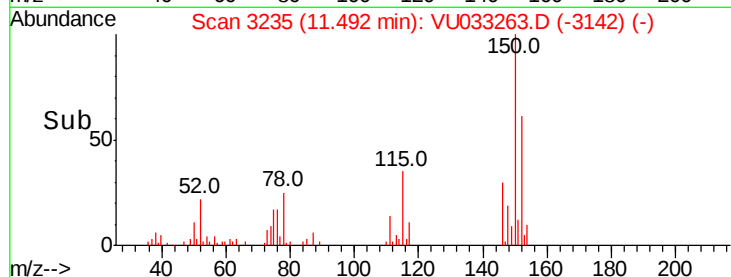
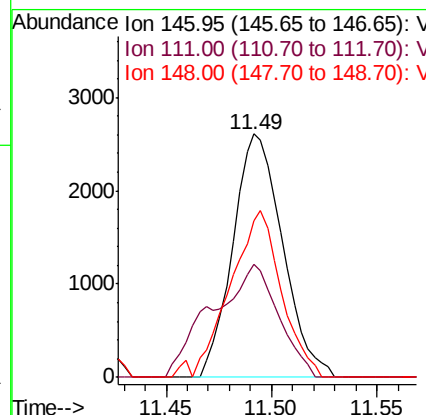
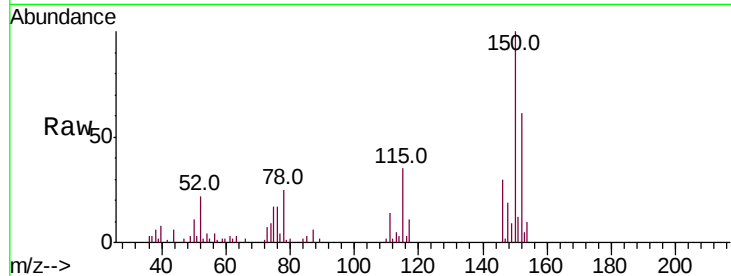
#63
 1,4-Dichlorobenzene
 Concen: 0.207 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033263.D
 Acq: 16 Jul 2019 14:57

Instrument :
 MSVOA_U
 ClientSampleId :
 A52L6

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	27.9	51.7
148	64.3	44.1	81.9

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#65
 1,2-Dichlorobenzene
 Concen: 0.278 ug/L
 RT: 11.86 min Scan# 3350
 Delta R.T. -0.00 min
 Lab File: VU033263.D
 Acq: 16 Jul 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.6	34.2	51.4
148	67.0	52.0	78.0

