

Data File : VU031567.D
Acq On : 27 Apr 2019 05:42
Operator : JC/SP
Sample : K2592-20 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X87

Quant Time: Apr 29 01:03:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	789208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	718776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278321	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	341322	51.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.36%
7) Chloroethane-d5	1.68	69	271725	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.48%
11) 1,1-Dichloroethene-d2	2.27	63	506097	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	4.18	46	665165	111.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.15%
24) Chloroform-d	4.64	84	596077	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.31	65	400565	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.34	84	1209945	54.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.64%
36) 1,2-Dichloropropane-d6	6.32	67	428408	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.34%
41) Toluene-d8	7.56	98	990863	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%
43) trans-1,3-Dichloropropene-	7.85	79	165223	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.14%
47) 2-Hexanone-d5	8.31	63	409293	121.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	539913	51.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	312881	53.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.90%

Target Compounds

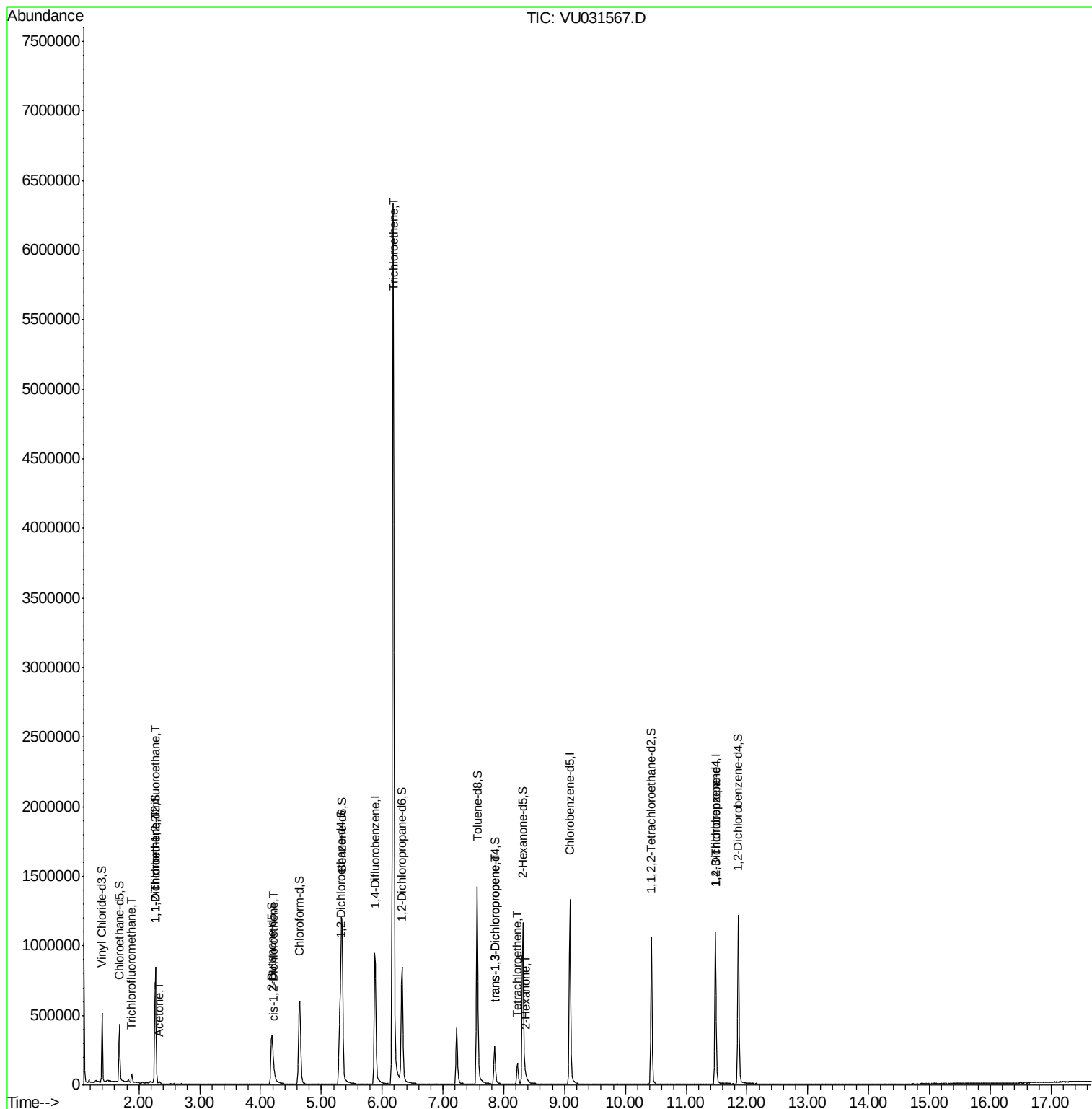
						Qvalue
9) Trichlorofluoromethane	1.88	101	31165	2.785	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4342	0.686	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3842	0.624	ug/L #	1
13) Acetone	2.34	43	10467	1.553	ug/L	61
20) cis-1,2-Dichloroethene	4.23	96	7392	1.074	ug/L	85
34) Trichloroethene	6.18	95	2338255	365.017	ug/L	97
44) trans-1,3-Dichloropropene	7.84	75	6506	0.724	ug/L	85
46) Tetrachloroethene	8.22	164	34831	7.976	ug/L	97
48) 2-Hexanone	8.37	43	19790	2.120	ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	39620	4.454	ug/L	95

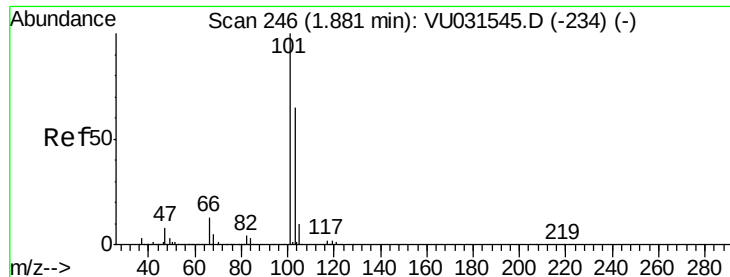
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.785 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031567.D

Acq: 27 Apr 2019 05:42

Instrument :

MSVOA_U

ClientSampled :

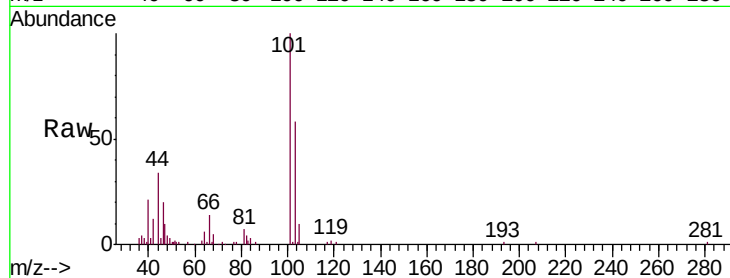
C0X87

Tgt Ion:101 Resp: 31165

Ion Ratio Lower Upper

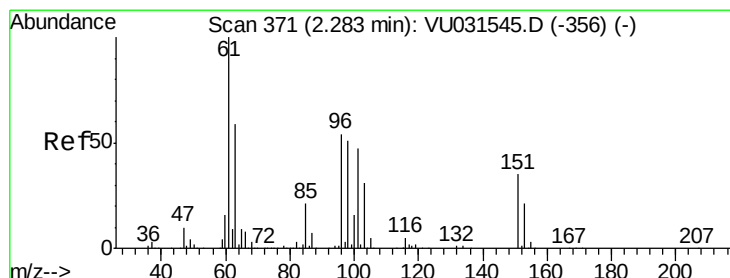
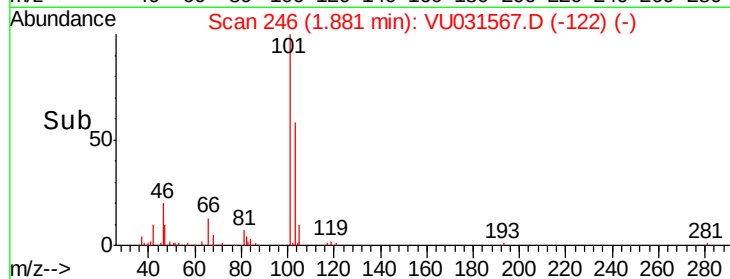
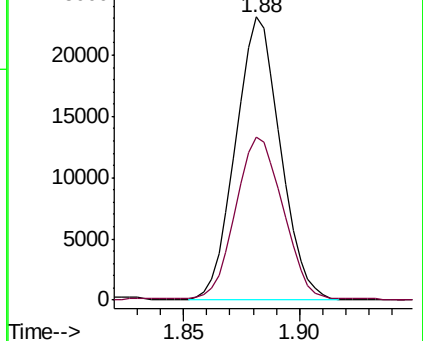
101 100

103 60.1 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.686 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031567.D

Acq: 27 Apr 2019 05:42

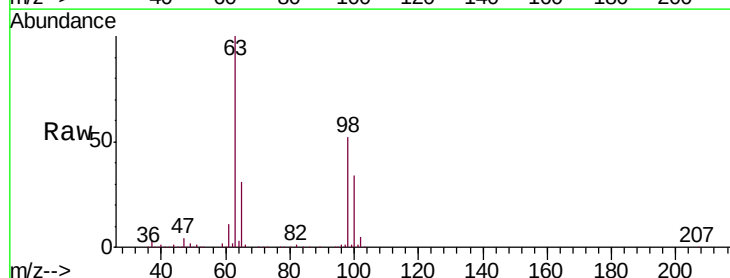
Tgt Ion:101 Resp: 4342

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

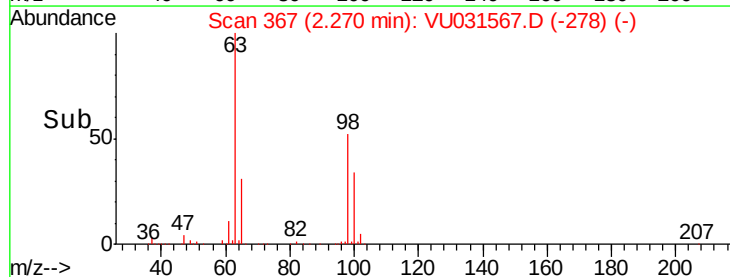
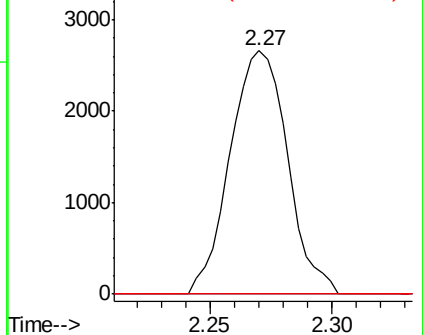
151 0.0 56.1 84.1#

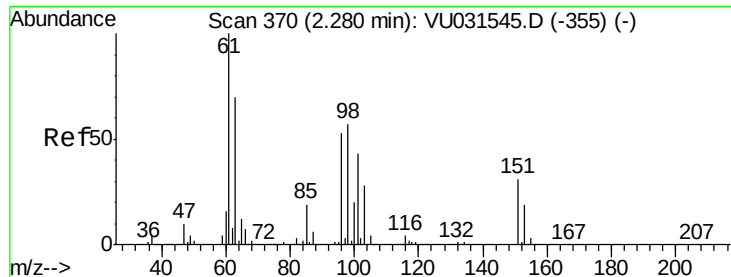


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.624 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031567.D

Acq: 27 Apr 2019 05:42

Instrument :

MSVOA_U

ClientSampleId :

C0X87

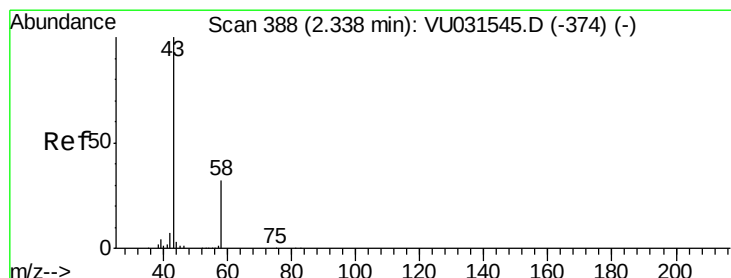
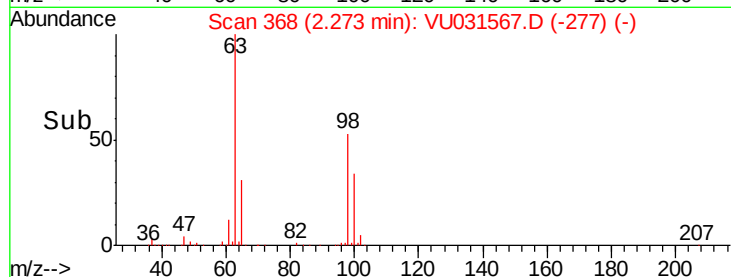
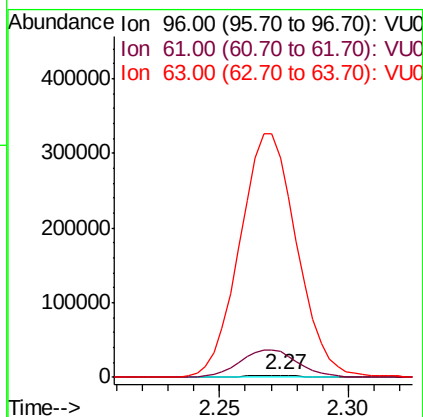
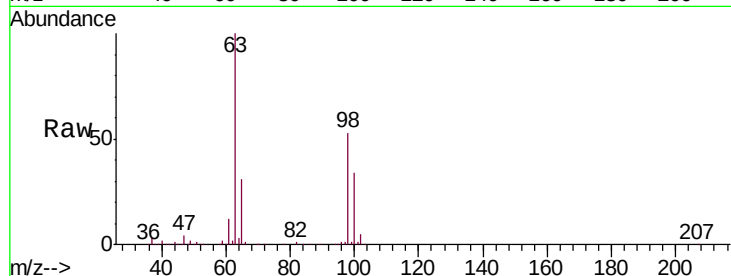
Tgt Ion: 96 Resp: 3842

Ion Ratio Lower Upper

96 100

61 1415.3 135.0 250.6#

63 12183.4 103.5 192.3#



#13

Acetone

Concen: 1.553 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031567.D

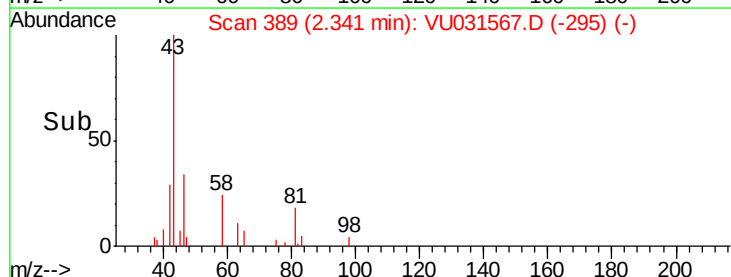
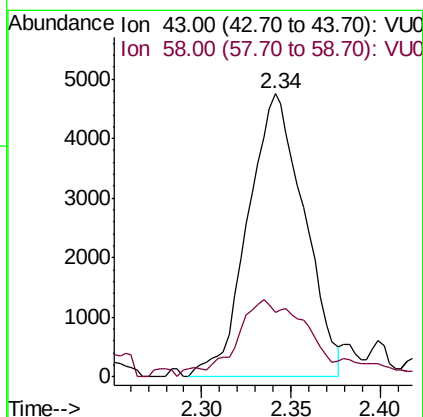
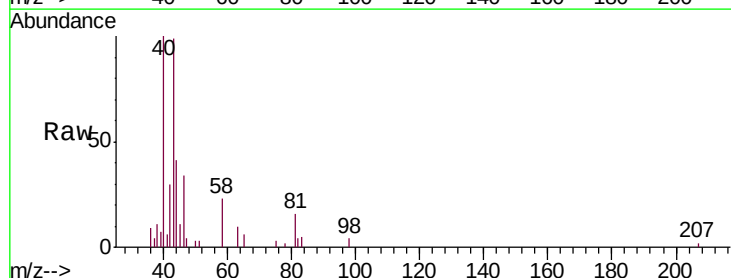
Acq: 27 Apr 2019 05:42

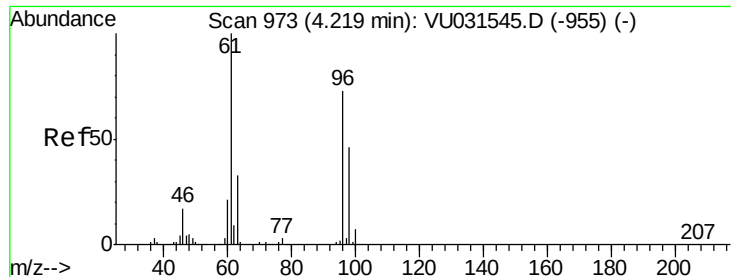
Tgt Ion: 43 Resp: 10467

Ion Ratio Lower Upper

43 100

58 10.4 0.0 64.4

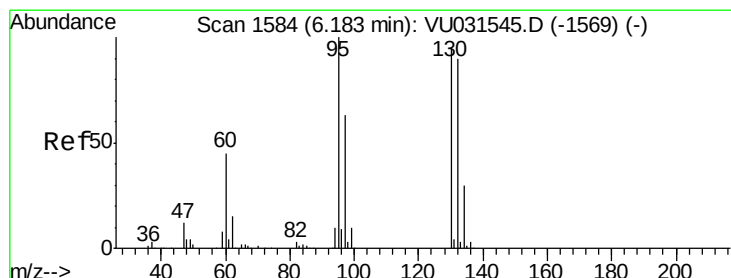
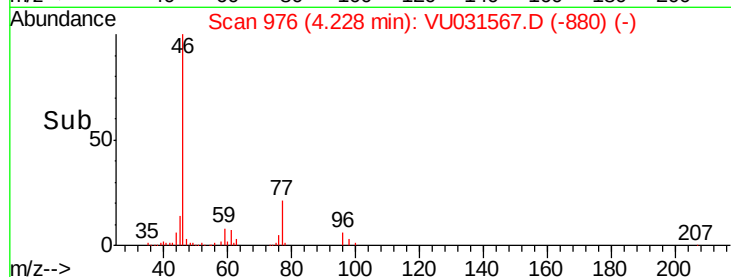
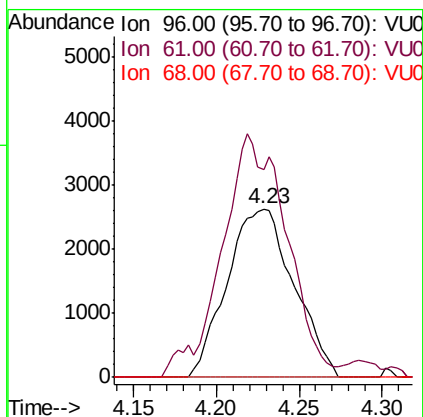
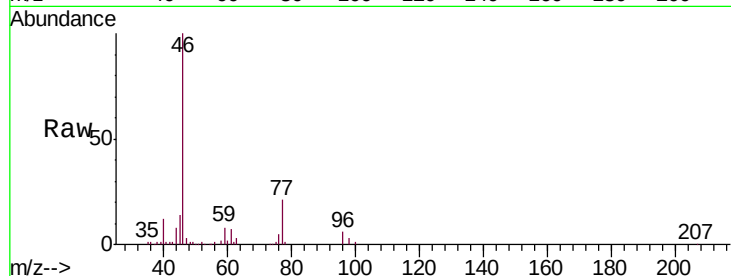




#20
 cis-1,2-Dichloroethene
 Concen: 1.074 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031567.D
 Acq: 27 Apr 2019 05:42

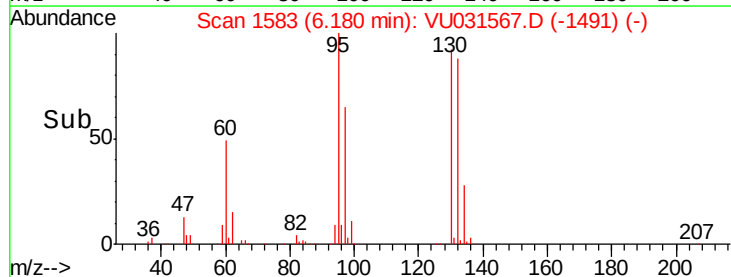
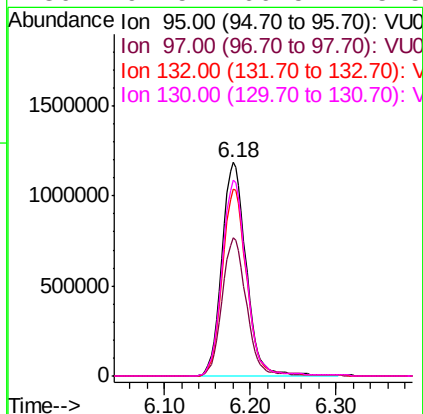
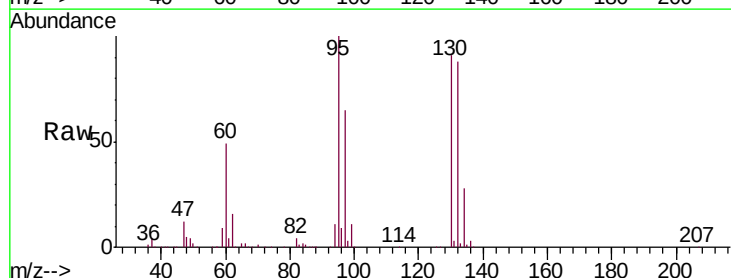
Instrument :
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 C0X87

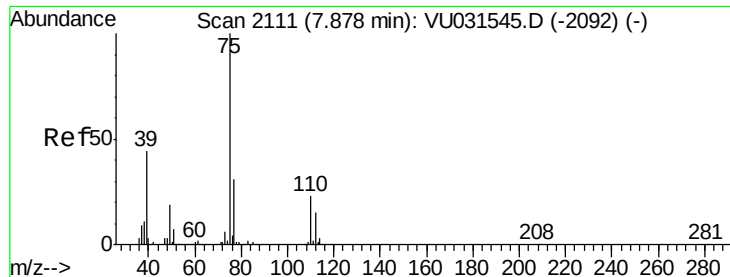
Tgt Ion: 96 Resp: 7392
 Ion Ratio Lower Upper
 96 100
 61 123.9 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 365.017 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031567.D
 Acq: 27 Apr 2019 05:42

Tgt Ion: 95 Resp: 2338255
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.8 83.2
 132 87.6 63.1 117.1
 130 91.5 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.724 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.04 min

Lab File: VU031567.D

Acq: 27 Apr 2019 05:42

Instrument :

MSVOA_U

ClientSampleId :

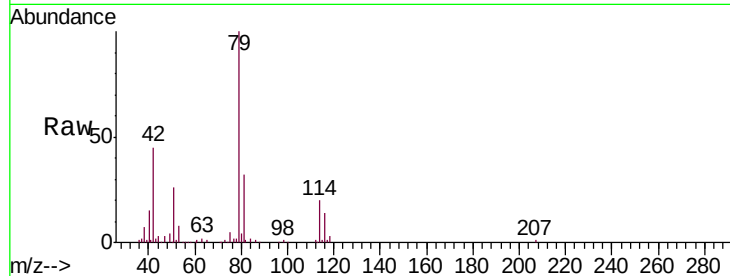
C0X87

Tgt Ion: 75 Resp: 6506

Ion Ratio Lower Upper

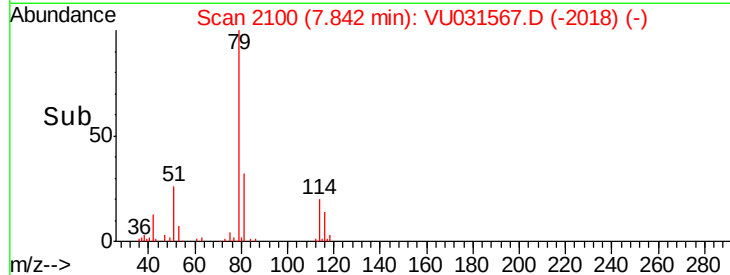
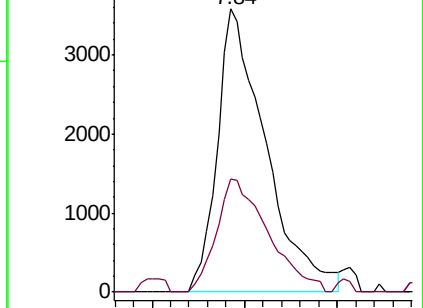
75 100

77 39.8 22.1 41.1

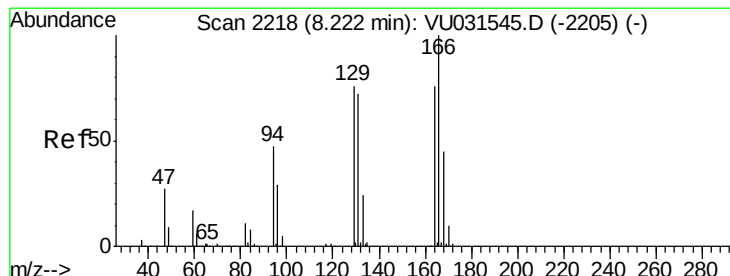


Abundance Ion 75.00 (74.70 to 75.70): VU031567.D (-2100) (-)

Ion 77.00 (76.70 to 77.70): VU031567.D (-2100) (-)



Time-->



#46

Tetrachloroethene

Concen: 7.976 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031567.D

Acq: 27 Apr 2019 05:42

Tgt Ion: 164 Resp: 34831

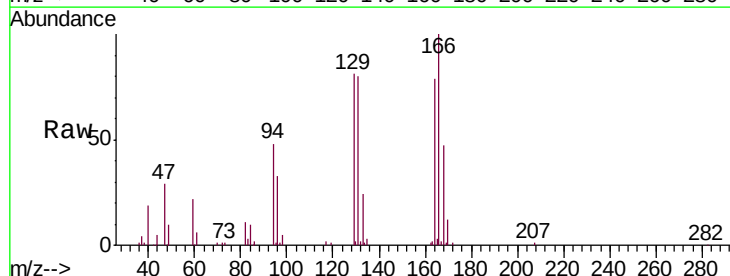
Ion Ratio Lower Upper

164 100

129 101.6 71.5 132.9

131 100.3 69.0 128.2

166 125.8 93.7 173.9

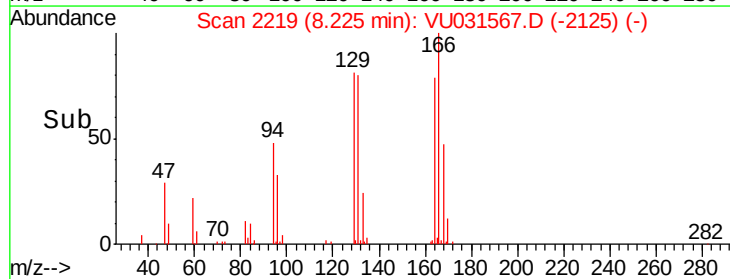
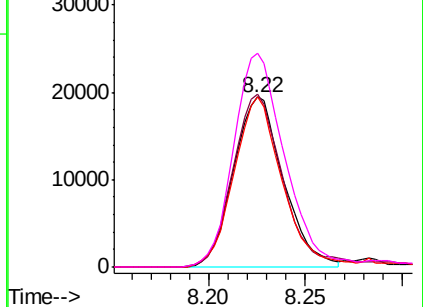


Abundance Ion 164.00 (163.70 to 164.70): VU031567.D (-2219) (-)

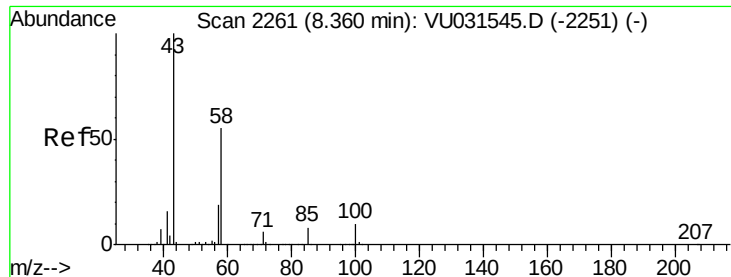
Ion 129.00 (128.70 to 129.70): VU031567.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU031567.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU031567.D (-2219) (-)



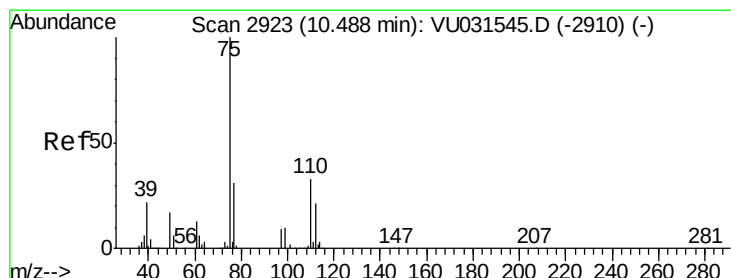
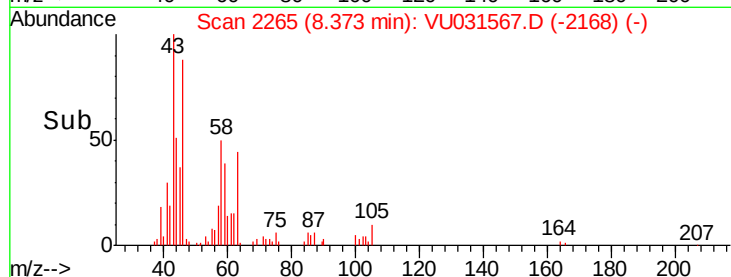
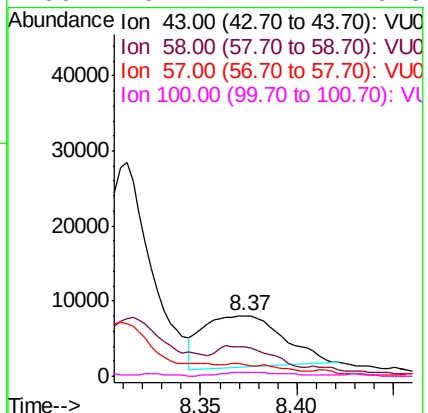
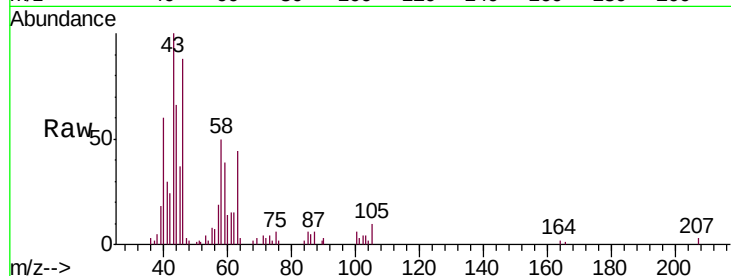
Time-->



#48
2-Hexanone
Concen: 2.120 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031567.D
Acq: 27 Apr 2019 05:42

Instrument :
MSVOA_U
ClientSampleId :
C0X87

Tgt Ion:	43	Resp:	19790
Ion	Ratio	Lower	Upper
43	100		
58	5.1	42.1	63.1#
57	0.0	14.6	22.0#
100	5.2	7.2	10.8#



#59
1,2,3-Trichloropropane
Concen: 4.454 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031567.D
Acq: 27 Apr 2019 05:42

Tgt Ion:	75	Resp:	39620
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.9	38.9

