

Data File : VU029560.D
Acq On : 19 Feb 2019 17:15
Operator : JC/SP
Sample : K1488-10 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE6

Quant Time: Feb 20 00:13:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54283	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.68	69	52831	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.27	63	87336	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.19	46	158648	52.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.64	84	96061	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	57819	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.34	84	216524	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	68829	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.56	98	204035	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.85	79	26296	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.31	63	154882	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61246	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	94576	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	28093	1.339	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1048	0.055	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	1843	0.103	ug/L #	1
18) trans-1,2-Dichloroethene	2.98	96	1370	0.072	ug/L	79
22) cis-1,2-Dichloroethene	4.22	96	202827	11.533	ug/L	94
25) Chloroform	4.67	83	12288	0.426	ug/L	99
27) 1,2-Dichloroethane	5.33	62	1327	0.080	ug/L #	72
34) Trichloroethene	6.18	95	128234	7.264	ug/L	97
35) Methylcyclohexane	6.33	83	16390	0.552	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7762	0.494	ug/L #	87
45) 1,1,2-Trichloroethane	8.22	97	3395	0.282	ug/L #	1
47) Tetrachloroethene	8.22	164	457991	28.325	ug/L	99
48) 2-Hexanone	8.37	43	3397	0.514	ug/L #	65
49) Dibromochloromethane	8.22	129	411553	25.351	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	11720	1.162	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	628	0.264	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\
Quantitation Report (Not Reviewed)

Data File : VU029560.D
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Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

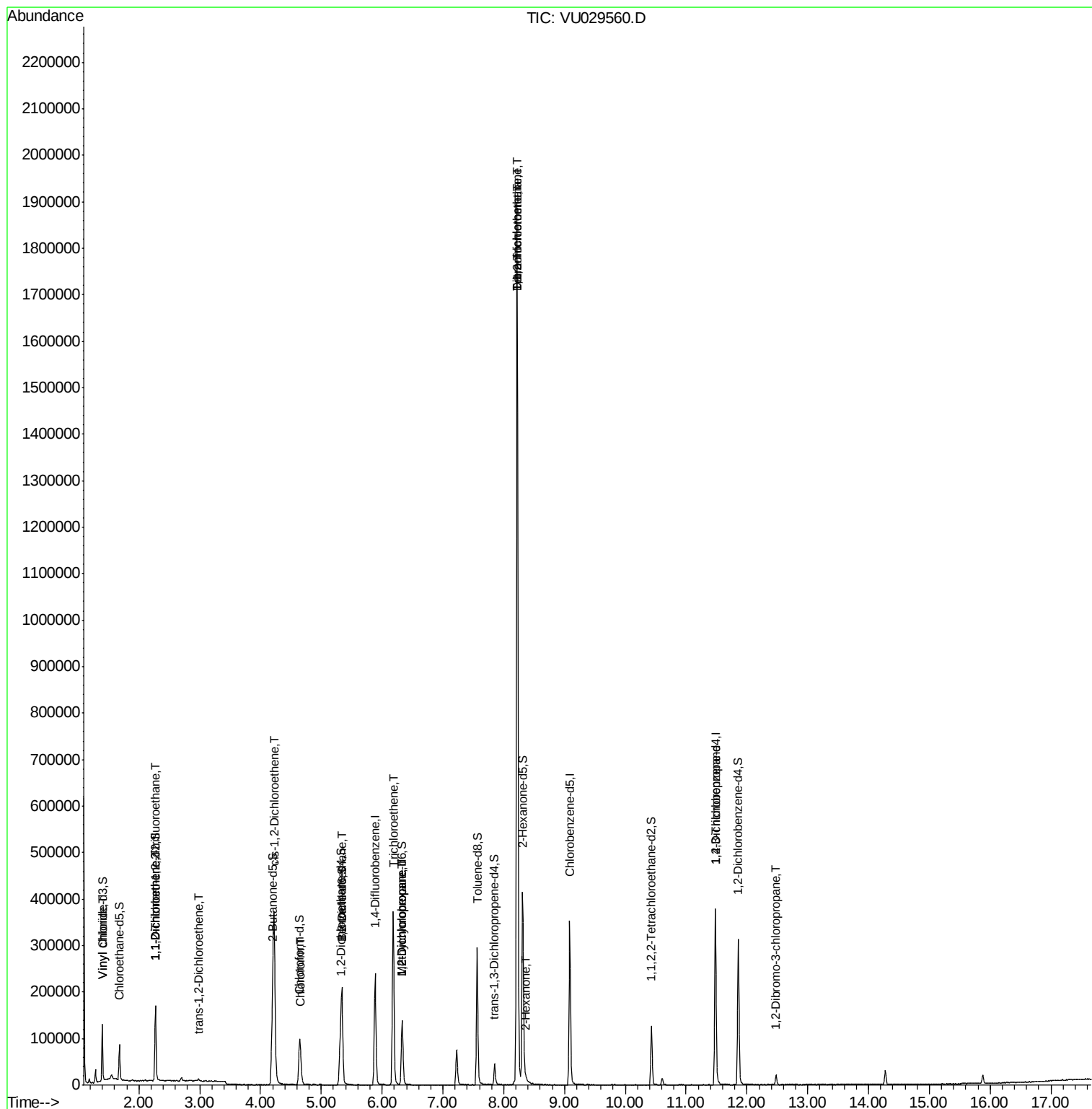
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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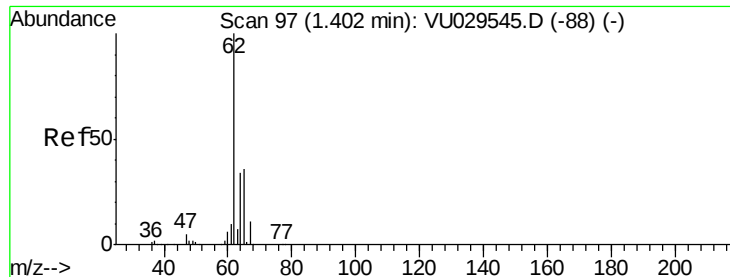
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.339 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

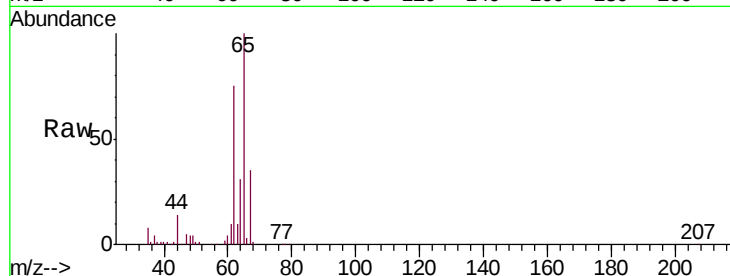
ESXE6

Tgt Ion: 62 Resp: 28093

Ion Ratio Lower Upper

62 100

64 41.4 23.5 43.7

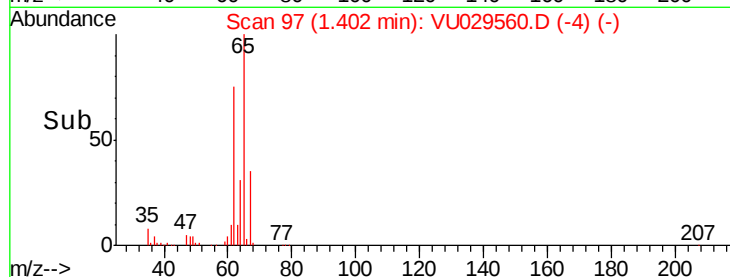


Abundance Ion 62.00 (61.70 to 62.70): VU029545.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU029545.D (-88) (-)

1.40

Time-->



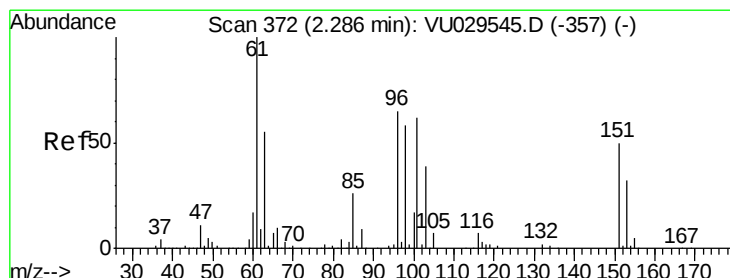
Abundance

Ion 62.00 (61.70 to 62.70): VU029545.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU029545.D (-88) (-)

1.40

Time-->



#10

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

Concen: 0.055 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

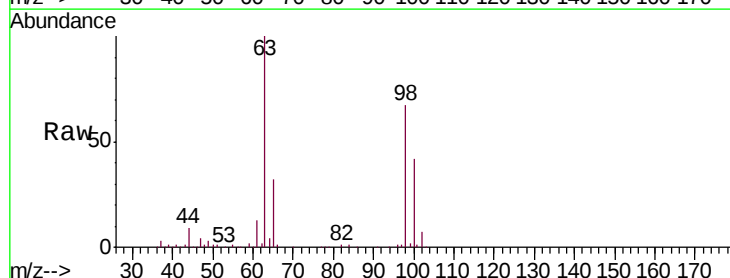
Tgt Ion: 101 Resp: 1048

Ion Ratio Lower Upper

101 100

85 7.1 35.1 52.7#

151 0.0 67.0 100.6#



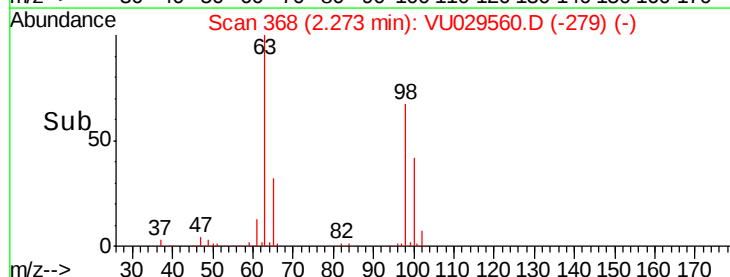
Abundance Ion 101.00 (100.70 to 101.70): VU029545.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029545.D (-357) (-)

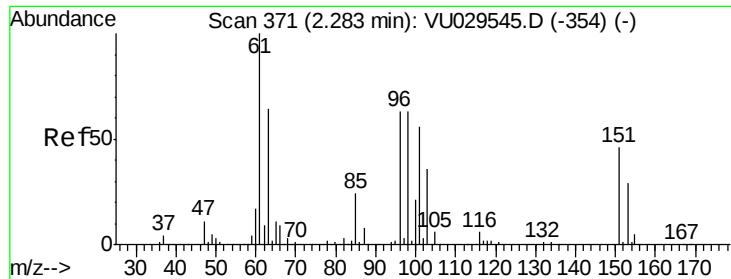
Ion 151.00 (150.70 to 151.70): VU029545.D (-357) (-)

2.27

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

ESXE6

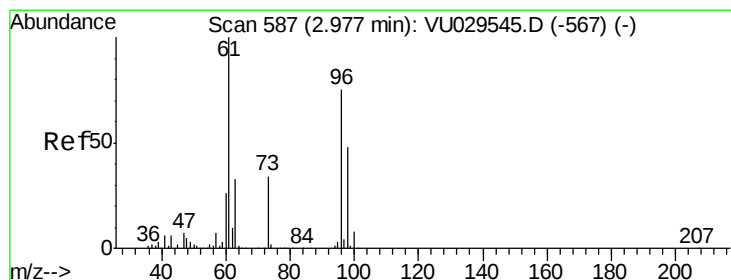
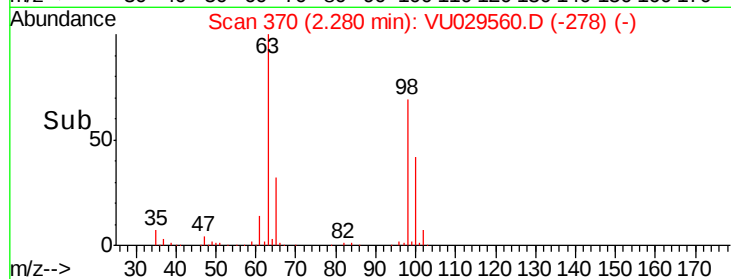
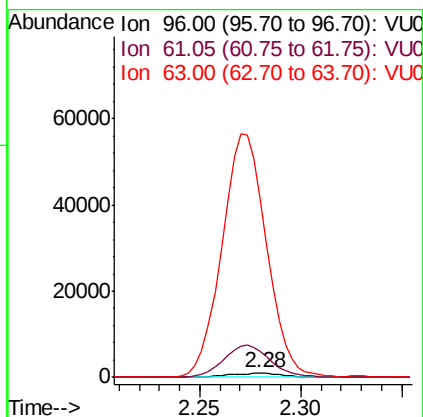
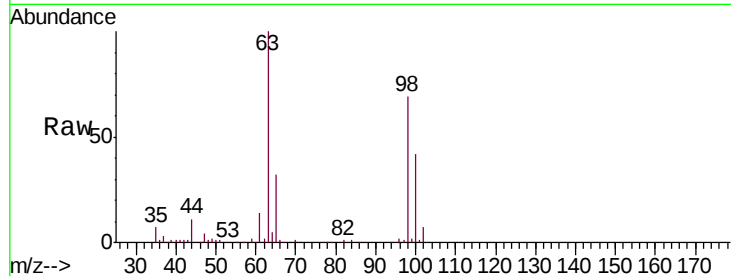
Tgt Ion: 96 Resp: 1843

Ion Ratio Lower Upper

96 100

61 610.9 115.1 213.7#

63 4221.8 83.5 155.1#



#18

trans-1,2-Dichloroethene

Concen: 0.072 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

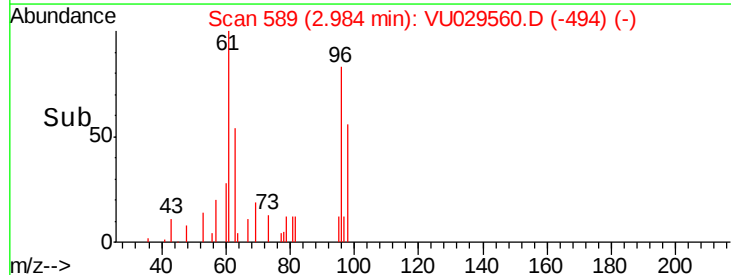
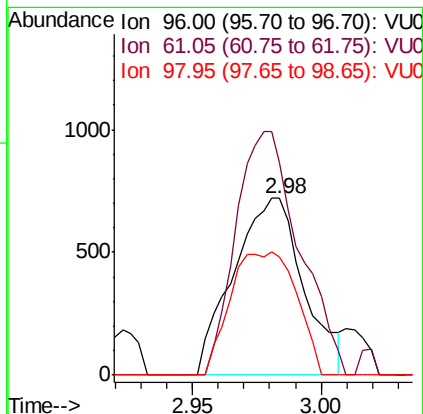
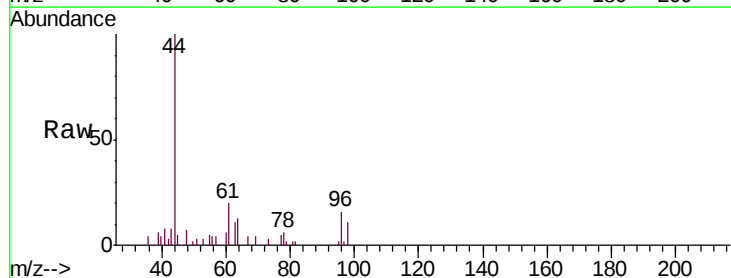
Tgt Ion: 96 Resp: 1370

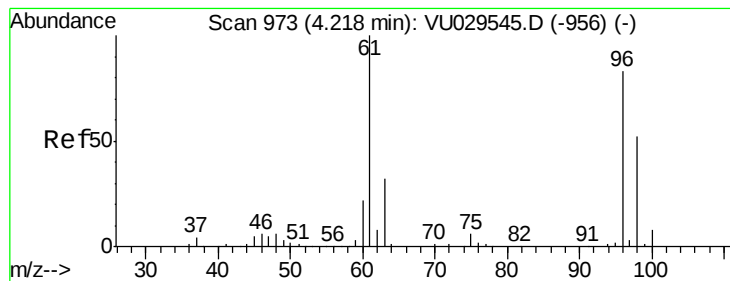
Ion Ratio Lower Upper

96 100

61 104.5 95.4 177.2

98 58.3 45.8 85.2



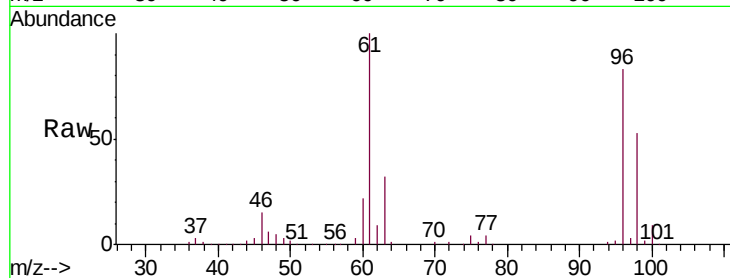


#22

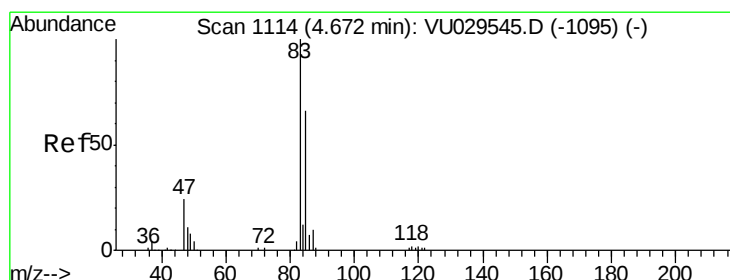
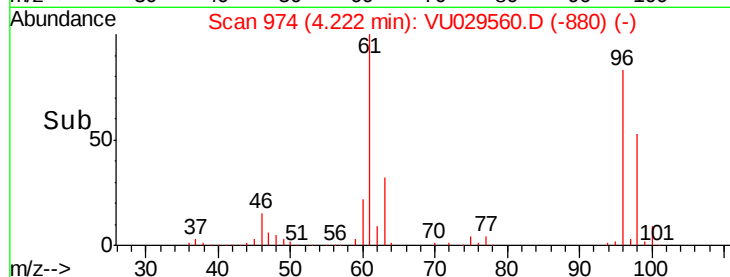
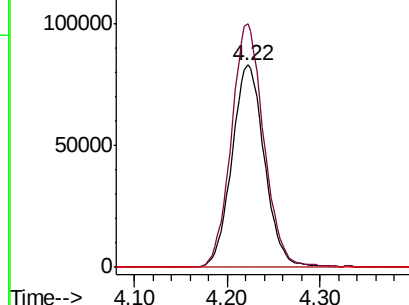
cis-1,2-Dichloroethene
 Concen: 11.533 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Instrument :
 MSVOA_U
 ClientSampleID :
 ESXE6

Tgt Ion: 96 Resp: 202827
 Ion Ratio Lower Upper
 96 100
 61 120.3 79.9 148.5
 68 0.0 0.0 0.0



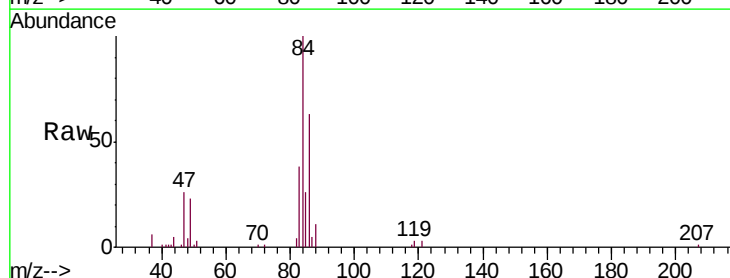
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



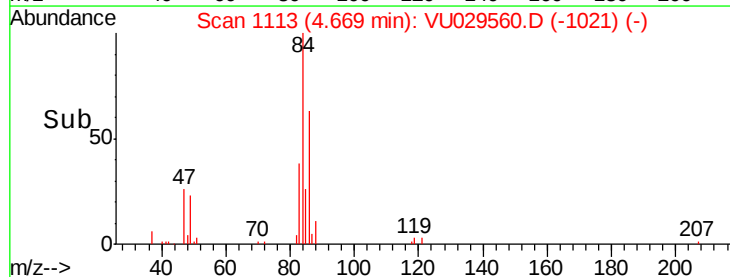
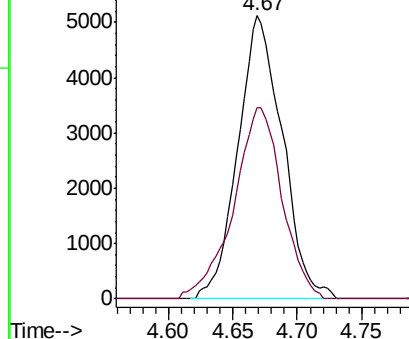
#25

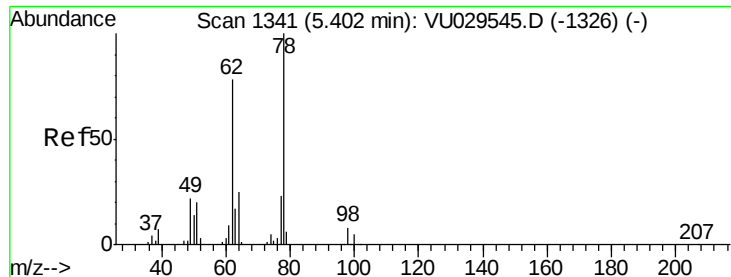
Chloroform
 Concen: 0.426 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Tgt Ion: 83 Resp: 12288
 Ion Ratio Lower Upper
 83 100
 85 67.6 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

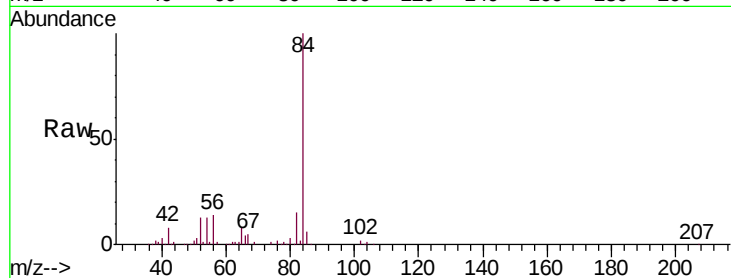
ESXE6

Tgt Ion: 62 Resp: 1327

Ion Ratio Lower Upper

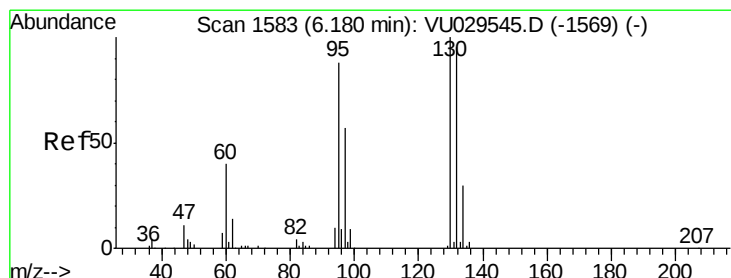
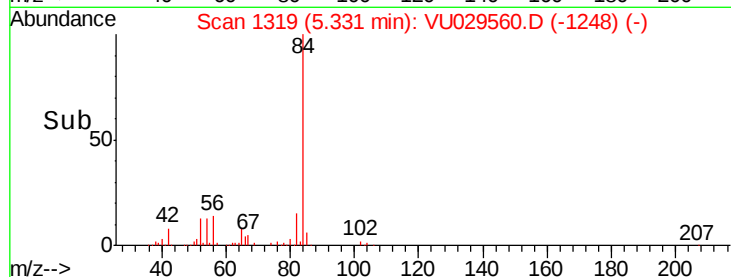
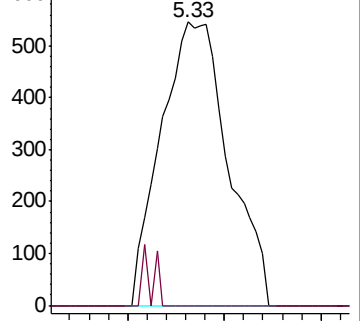
62 100

98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#34

Trichloroethene

Concen: 7.264 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Tgt Ion: 95 Resp: 128234

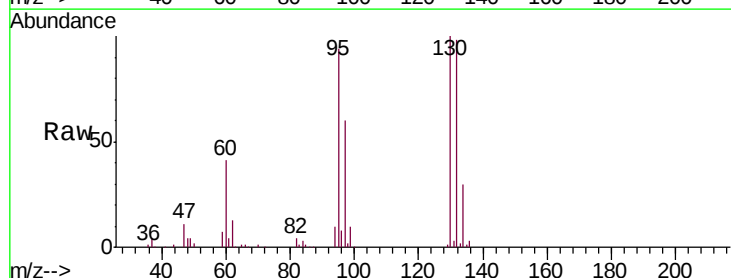
Ion Ratio Lower Upper

95 100

97 63.3 46.3 86.1

132 104.0 72.9 135.3

130 106.3 79.2 147.0

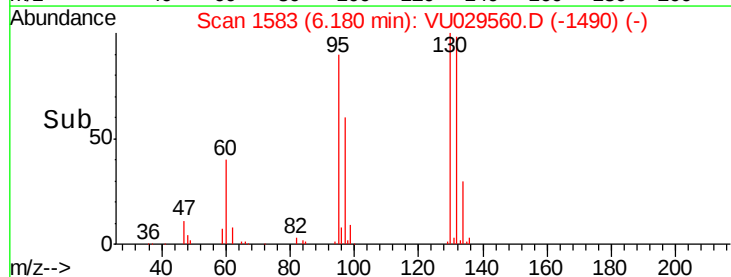
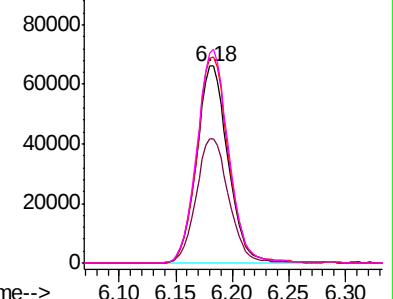


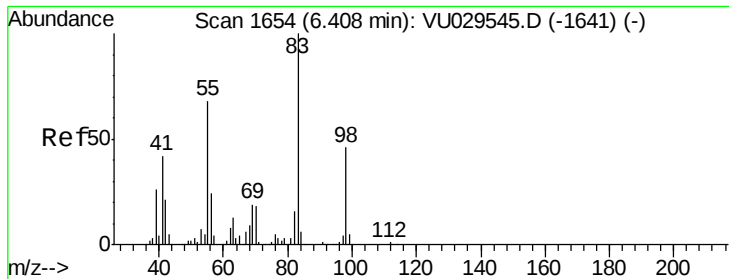
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

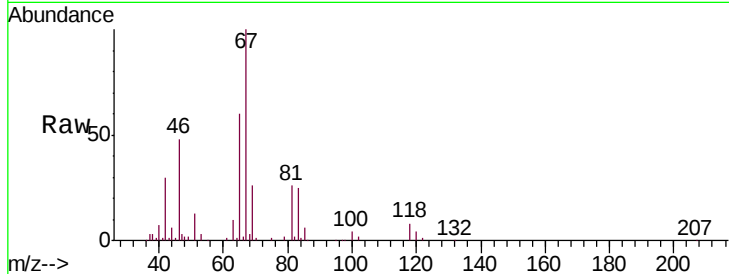




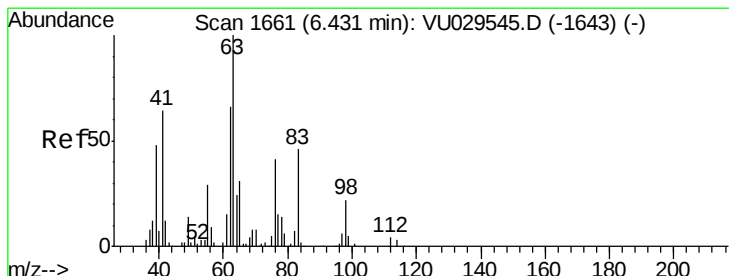
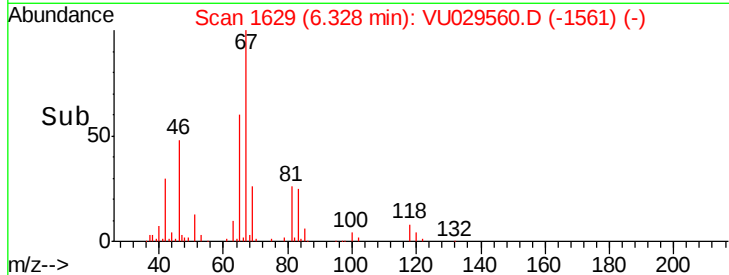
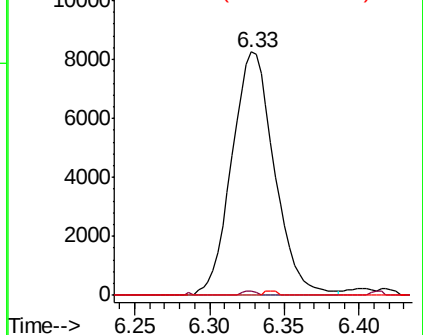
#35
Methylcyclohexane
Concen: 0.552 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029560.D
Acq: 19 Feb 2019 17:15

Instrument :
MSVOA_U
ClientSampled :
ESXE6

Tgt Ion: 83 Resp: 16390
Ion Ratio Lower Upper
83 100
55 0.6 55.9 83.9#
98 0.0 38.6 57.8#

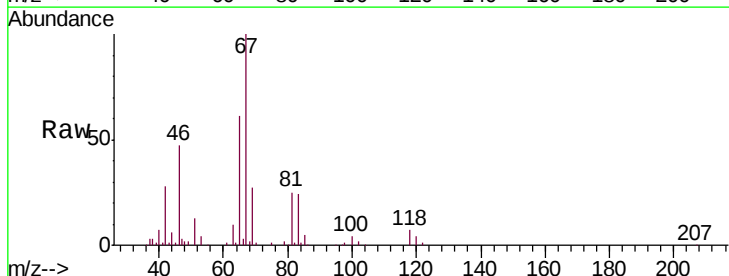


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

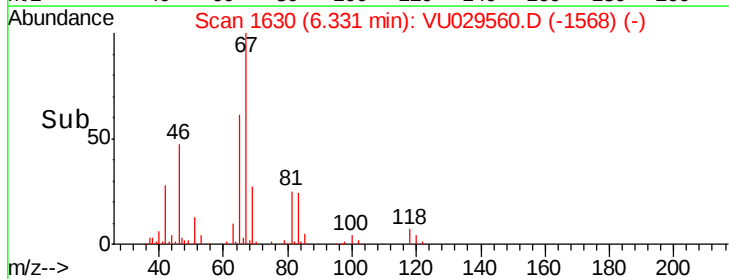
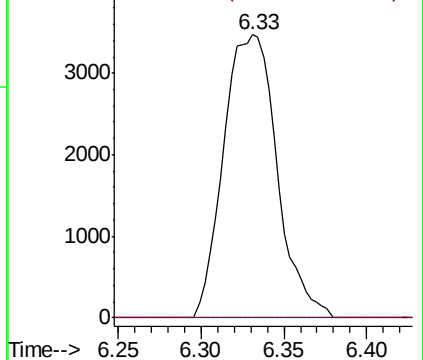


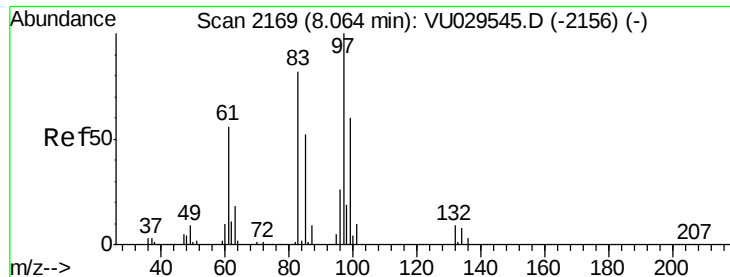
#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029560.D
Acq: 19 Feb 2019 17:15

Tgt Ion: 63 Resp: 7762
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

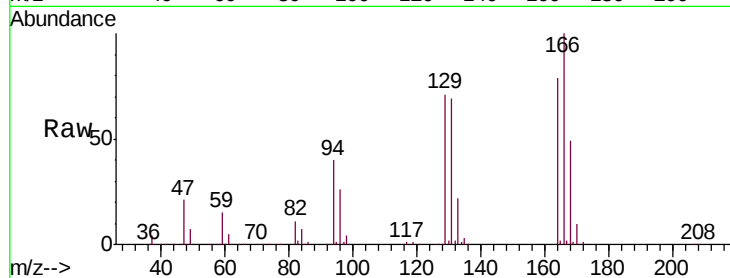




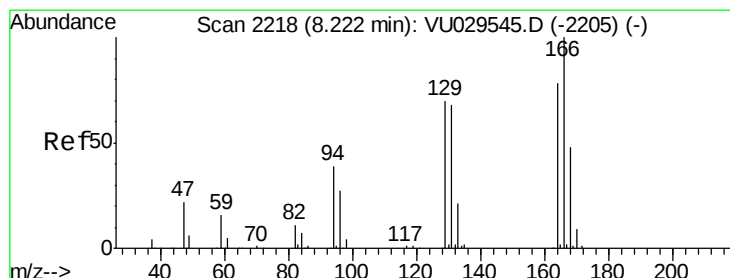
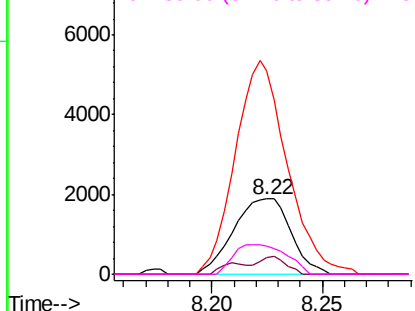
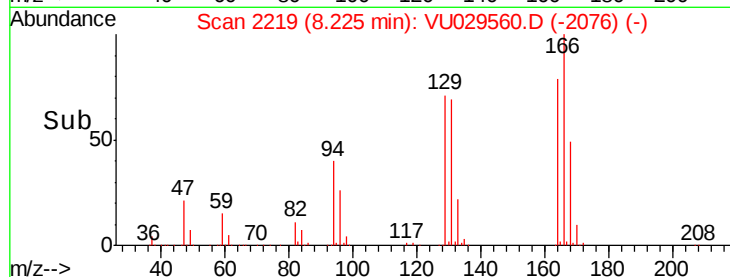
#45
 1,1,2-Trichloroethane
 Concen: 0.282 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.16 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE6

Tgt Ion: 97 Resp: 3395
 Ion Ratio Lower Upper
 97 100
 99 22.1 41.6 77.2#
 83 270.4 55.8 103.6#
 85 37.9 37.2 69.0

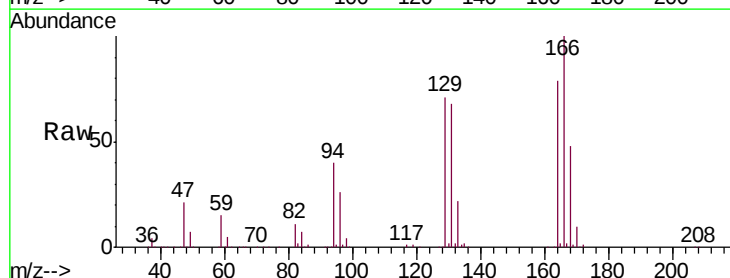


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

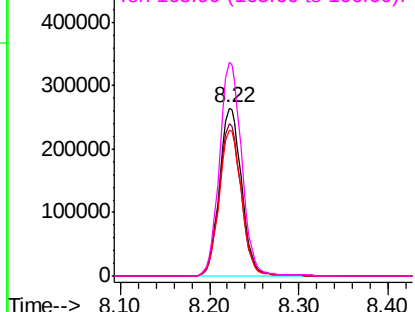
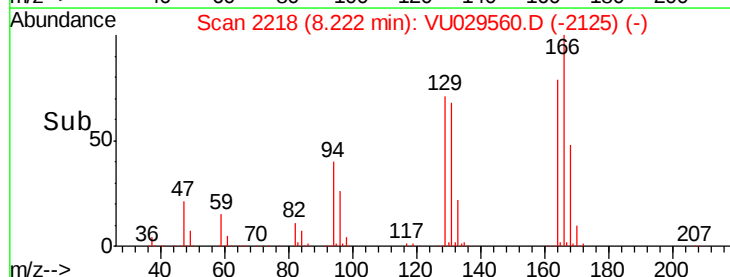


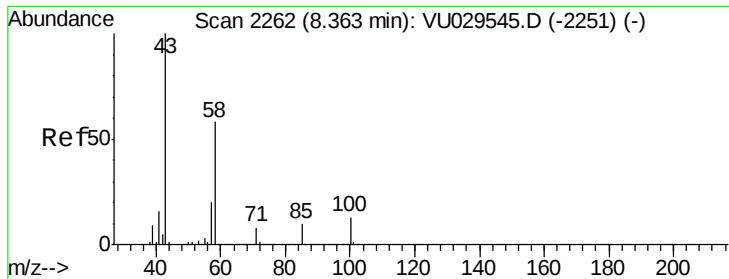
#47
 Tetrachloroethene
 Concen: 28.325 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Tgt Ion: 164 Resp: 457991
 Ion Ratio Lower Upper
 164 100
 129 90.6 62.9 116.9
 131 86.8 62.1 115.3
 166 127.3 89.8 166.8



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

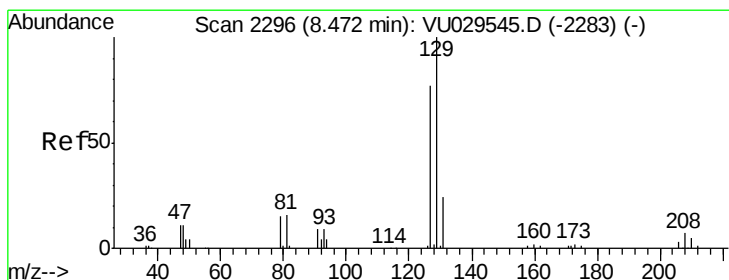
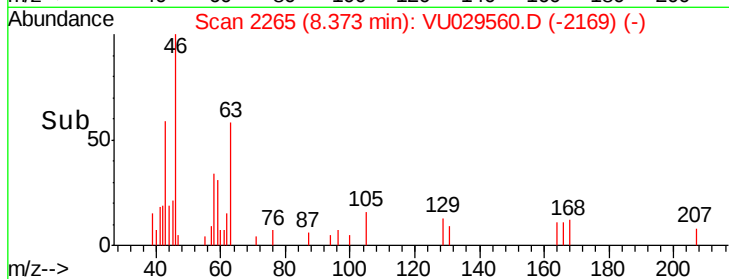
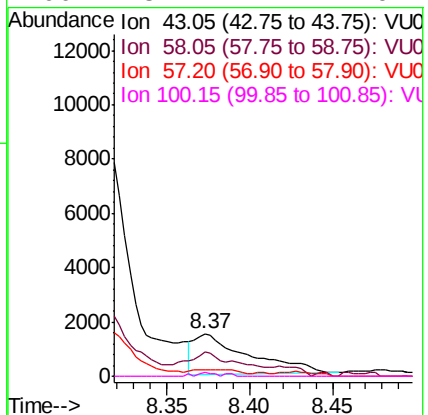
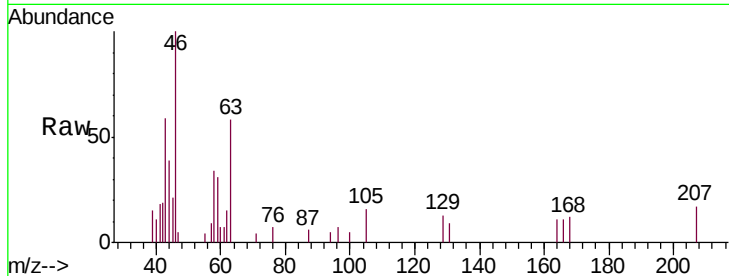




#48
2-Hexanone
Concen: 0.514 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029560.D
Acq: 19 Feb 2019 17:15

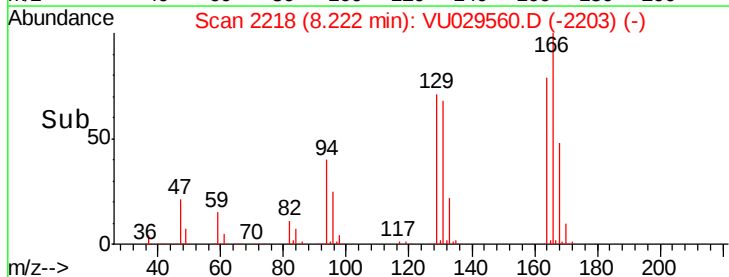
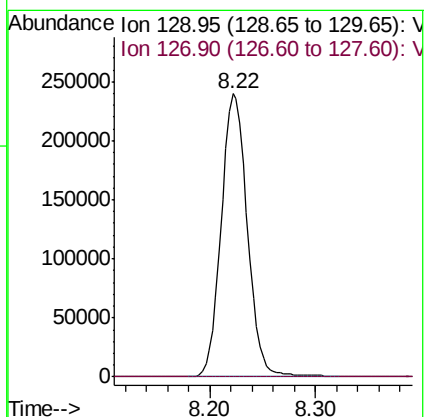
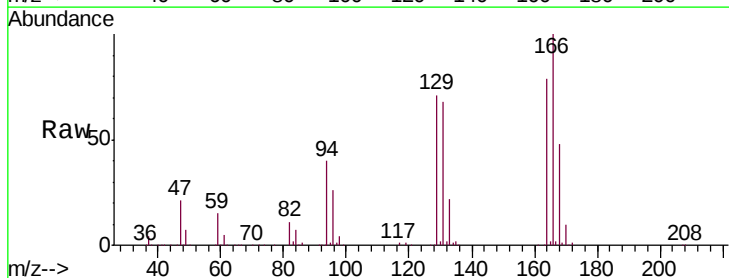
Instrument :
MSVOA_U
ClientSampleId :
ESXE6

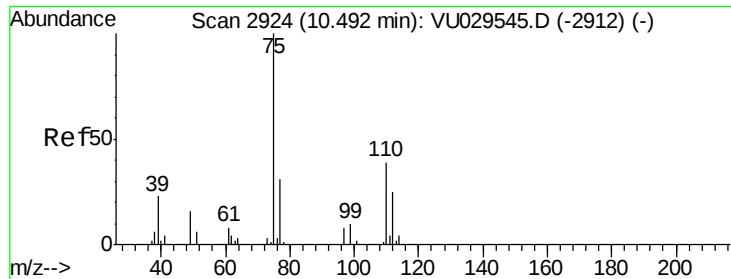
Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
58 32.1 45.7 68.5#
57 0.0 16.4 24.6#
100 3.1 11.1 16.7#



#49
Dibromochloromethane
Concen: 25.351 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU029560.D
Acq: 19 Feb 2019 17:15

Tgt Ion: 129 Resp: 411553
Ion Ratio Lower Upper
129 100
127 0.1 53.3 99.1#

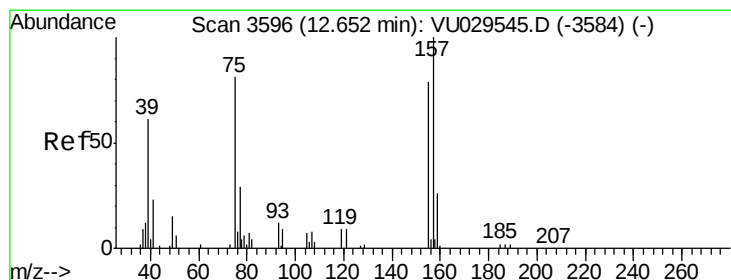
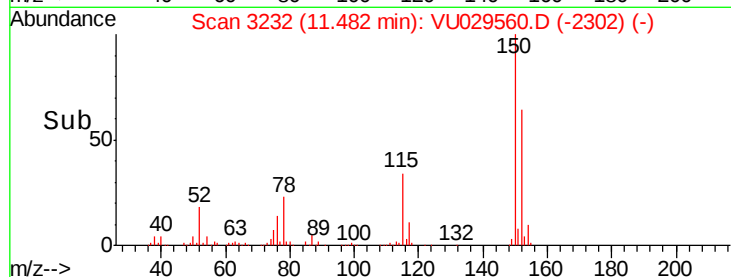
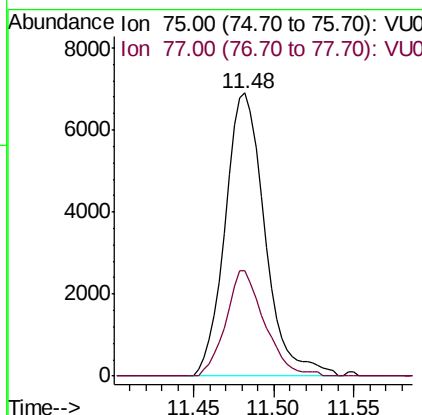
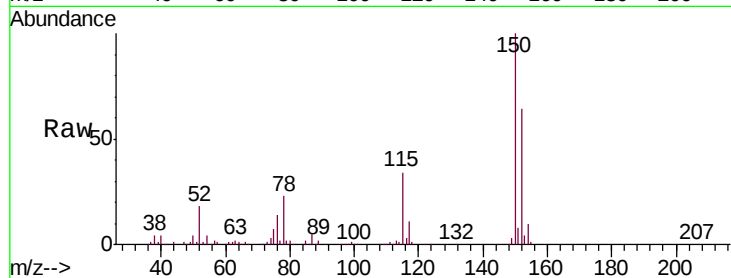




#59
 1,2,3-Trichloropropane
 Concen: 1.162 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE6

Tgt Ion: 75 Resp: 11720
 Ion Ratio Lower Upper
 75 100
 77 36.1 28.2 42.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.264 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. -0.18 min
 Lab File: VU029560.D
 Acq: 19 Feb 2019 17:15

Tgt Ion: 75 Resp: 628
 Ion Ratio Lower Upper
 75 100
 155 0.0 75.3 112.9#
 157 0.0 103.0 154.4#

