

Data File : VU029580.D
Acq On : 20 Feb 2019 15:02
Operator : JC/SP
Sample : K1488-10DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE6DL

Quant Time: Feb 21 04:27:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49969	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.68	69	51614	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	83845	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.19	46	169800	59.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.54%
24) Chloroform-d	4.65	84	91299	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	62398	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.34	84	225886	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	72100	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.56	98	213745	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	27216	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	166205	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66957	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	98055	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.40	62	12778	0.647	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	847	0.048	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1214	0.072	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	97877	5.912	ug/L	95
25) Chloroform	4.67	83	21638	0.798	ug/L	100
34) Trichloroethene	6.18	95	62795	3.768	ug/L	95
35) Methylcyclohexane	6.33	83	16885	0.602	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7687	0.518	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2216	0.095	ug/L	84
45) 1,1,2-Trichloroethane	8.22	97	1589	0.140	ug/L #	1
47) Tetrachloroethene	8.22	164	220373	14.435	ug/L	98
48) 2-Hexanone	8.37	43	2834	0.454	ug/L #	69
49) Dibromochloromethane	8.22	129	196133	12.795	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10581	1.111	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	885	0.405	ug/L #	7

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

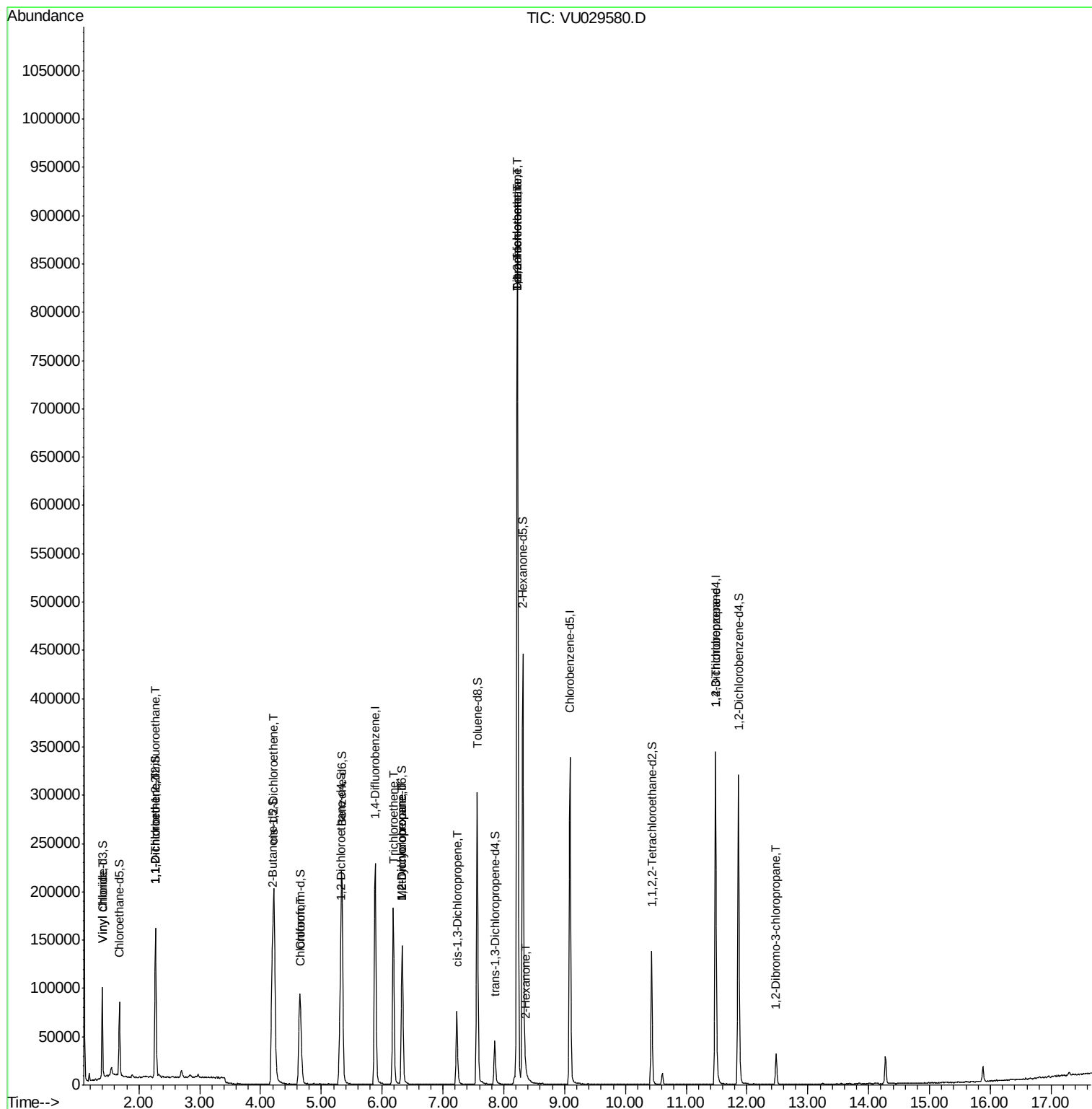
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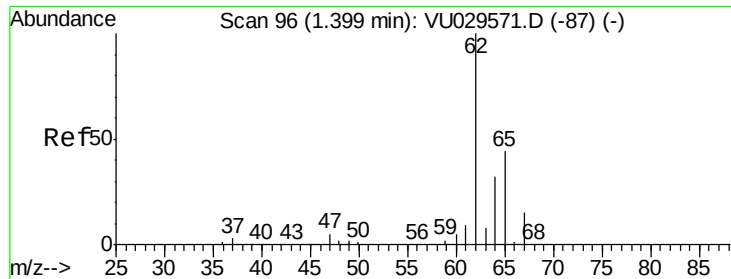
Data File : VU029580.D

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Instrument :
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.647 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

Instrument :

MSVOA_U

ClientSampleId :

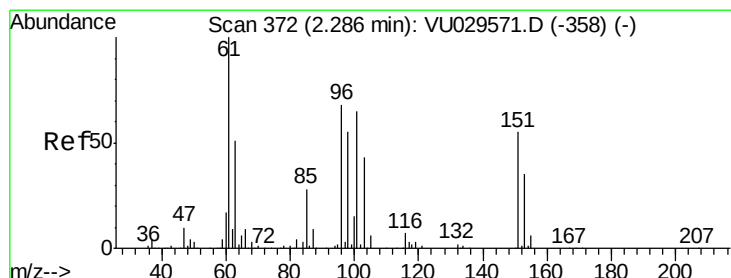
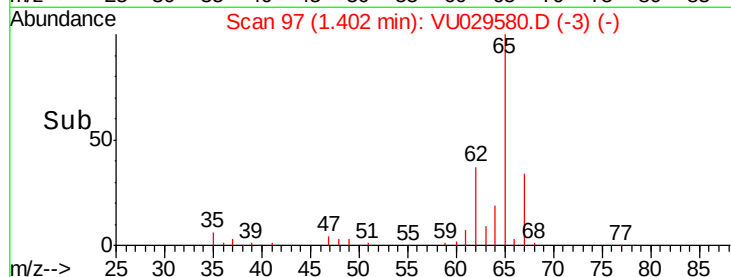
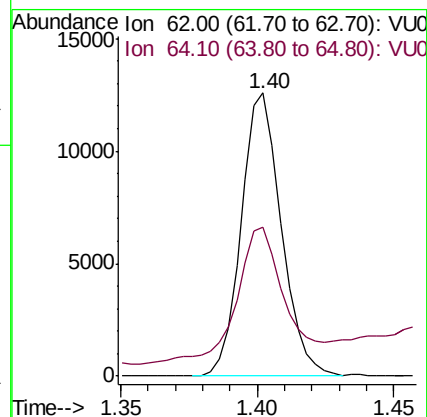
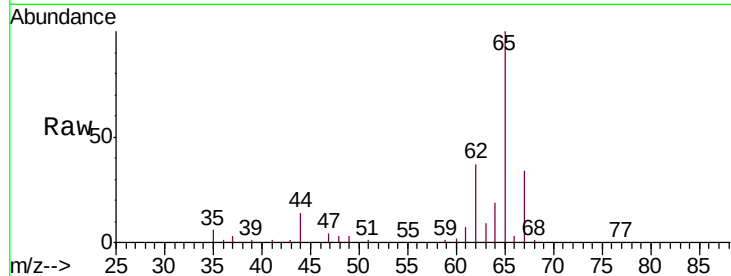
ESXE6DL

Tgt Ion: 62 Resp: 12778

Ion Ratio Lower Upper

62 100

64 52.4 23.5 43.7#



#10

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

Concen: 0.048 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

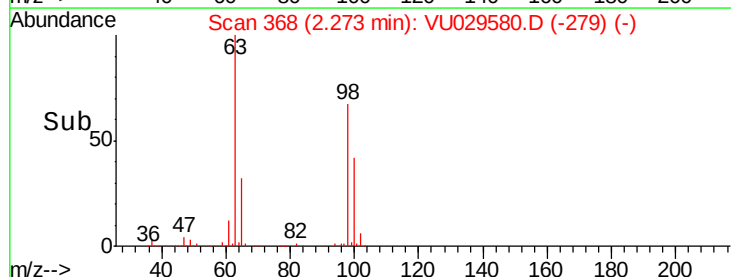
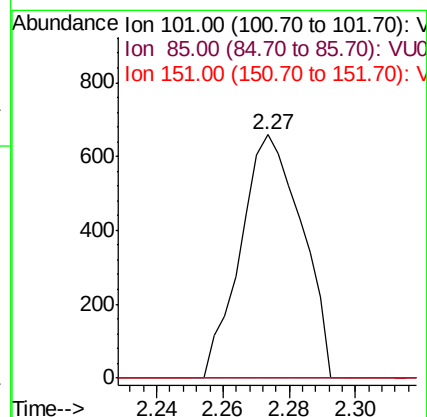
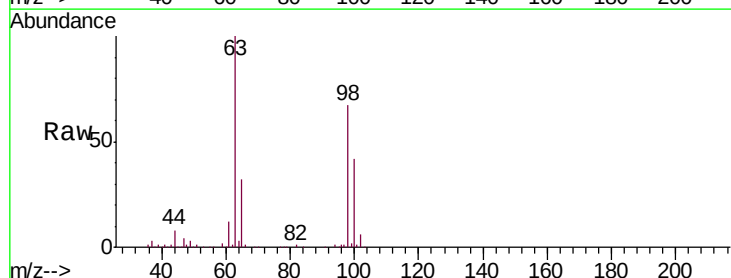
Tgt Ion: 101 Resp: 847

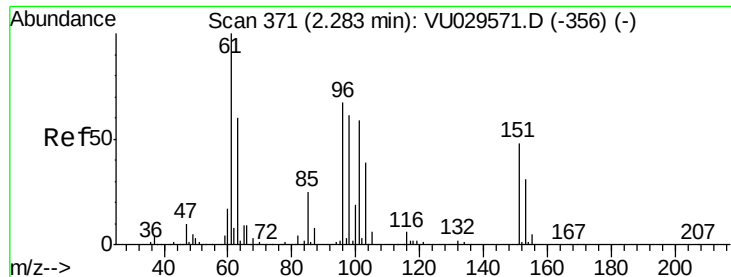
Ion Ratio Lower Upper

101 100

85 2.2 35.1 52.7#

151 0.0 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

Instrument :

MSVOA_U

ClientSampleID :

ESXE6DL

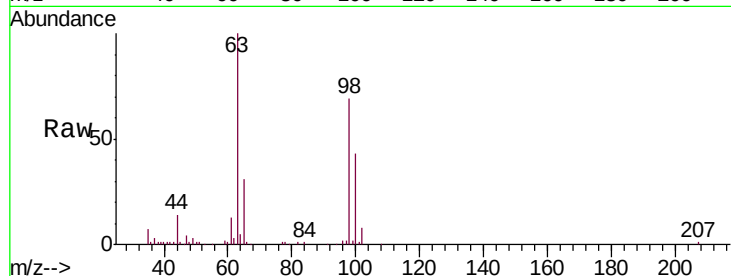
Tgt Ion: 96 Resp: 1214

Ion Ratio Lower Upper

96 100

61 595.1 115.1 213.7#

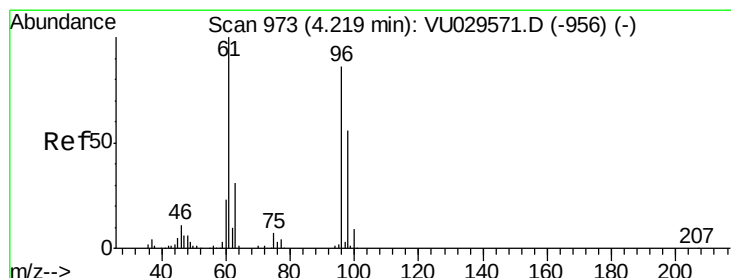
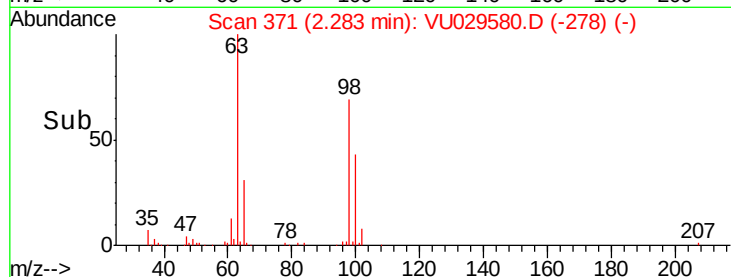
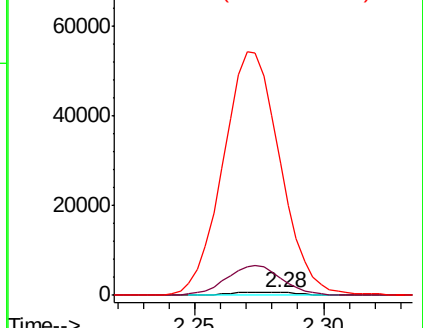
63 4674.3 83.5 155.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 5.912 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

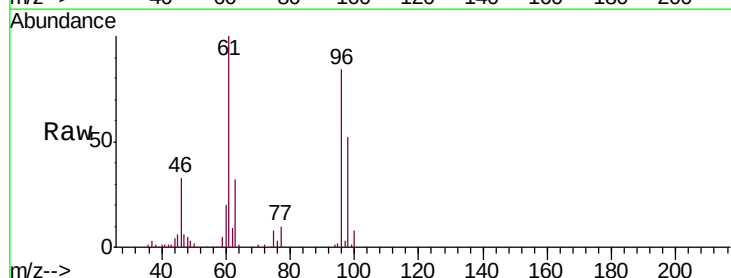
Tgt Ion: 96 Resp: 97877

Ion Ratio Lower Upper

96 100

61 119.2 79.9 148.5

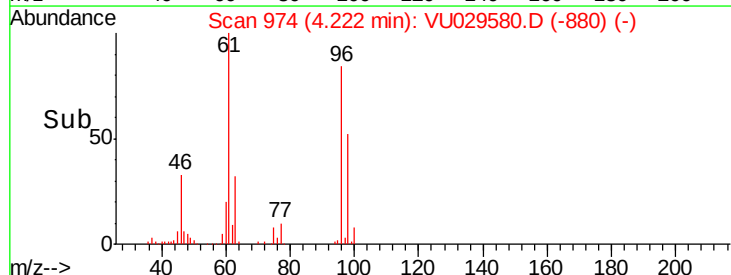
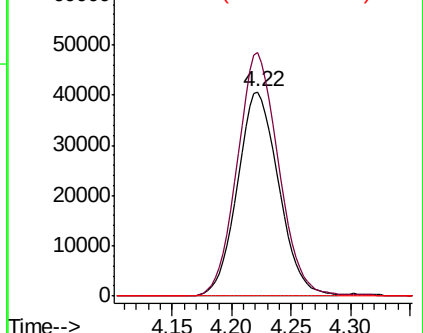
68 0.0 0.0 0.0

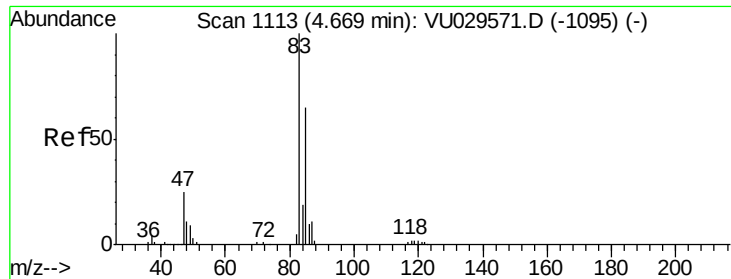


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

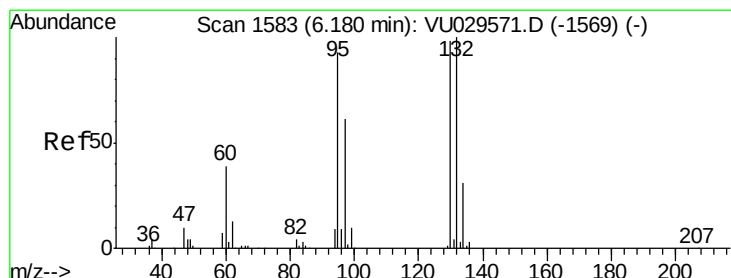
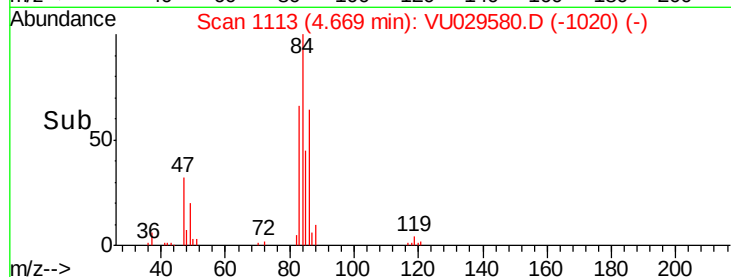
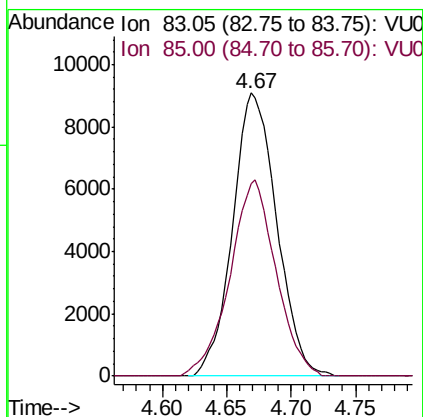
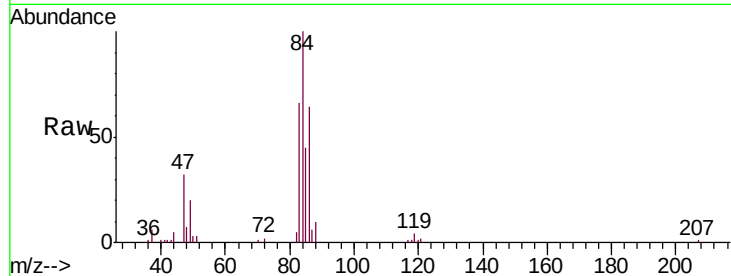




#25
Chloroform
Concen: 0.798 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

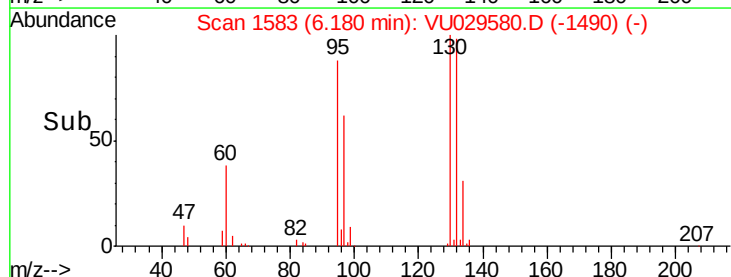
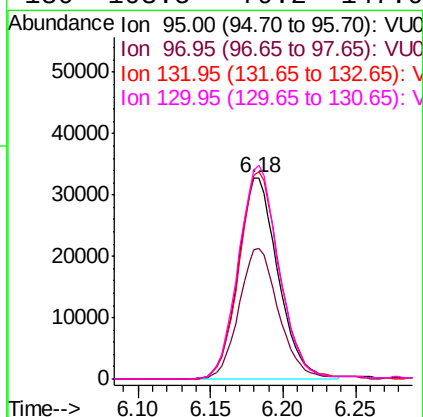
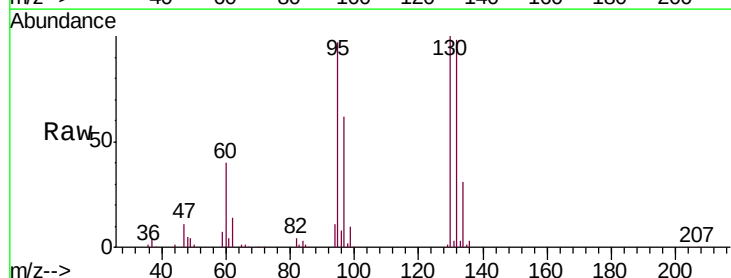
Instrument :
MSVOA_U
ClientSampleId :
ESXE6DL

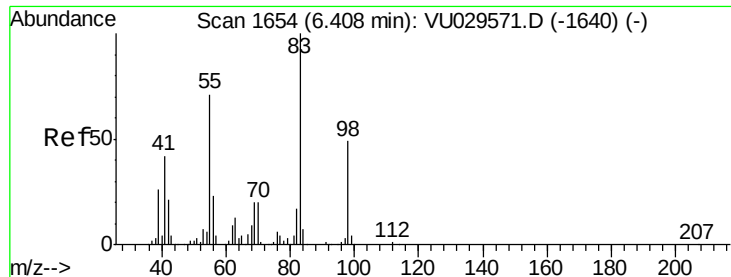
Tgt Ion: 83 Resp: 21638
Ion Ratio Lower Upper
83 100
85 68.1 47.8 88.8



#34
Trichloroethene
Concen: 3.768 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

Tgt Ion: 95 Resp: 62795
Ion Ratio Lower Upper
95 100
97 64.1 46.3 86.1
132 101.1 72.9 135.3
130 103.5 79.2 147.0

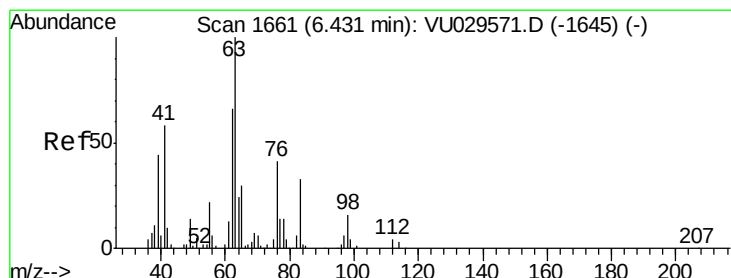
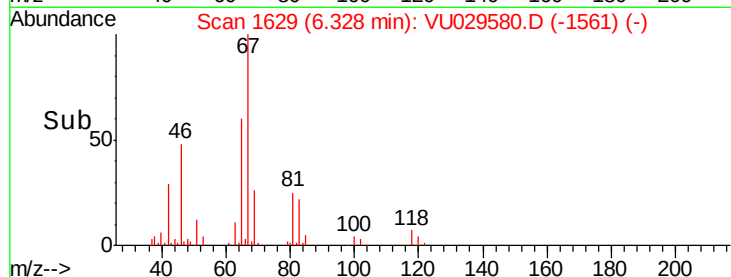
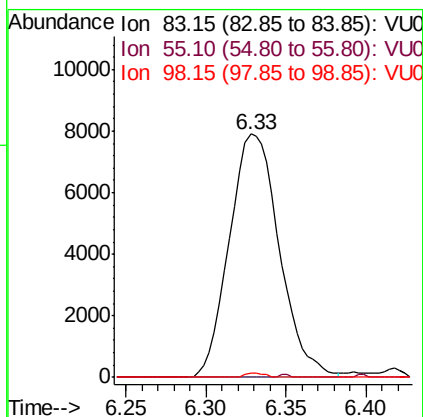
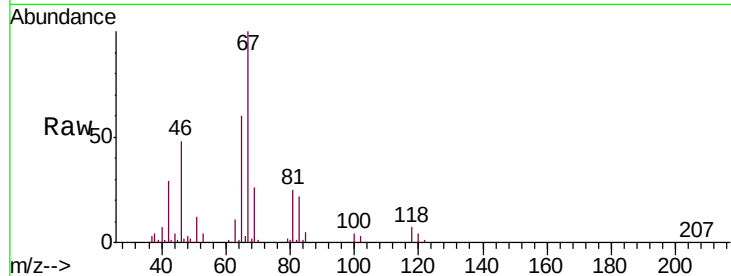




#35
Methylcyclohexane
Concen: 0.602 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

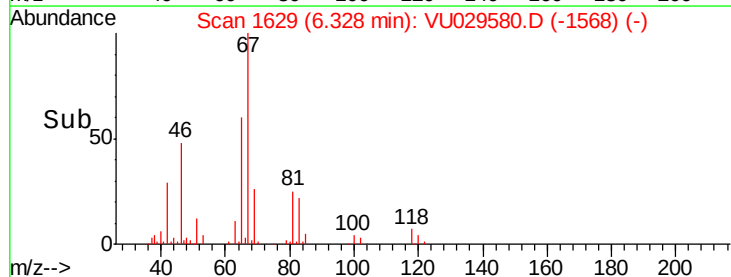
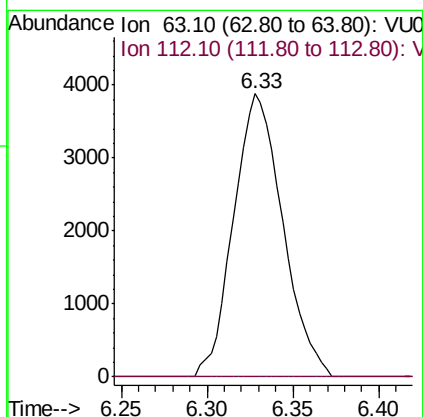
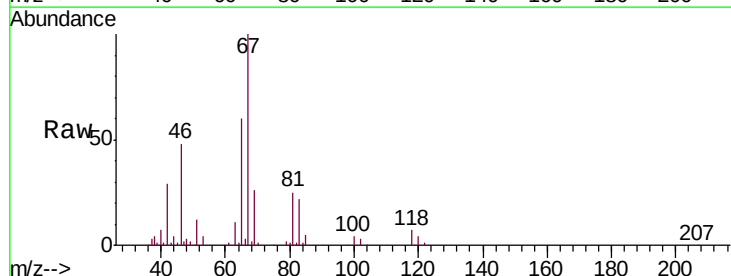
Instrument :
MSVOA_U
ClientSampleId :
ESXE6DL

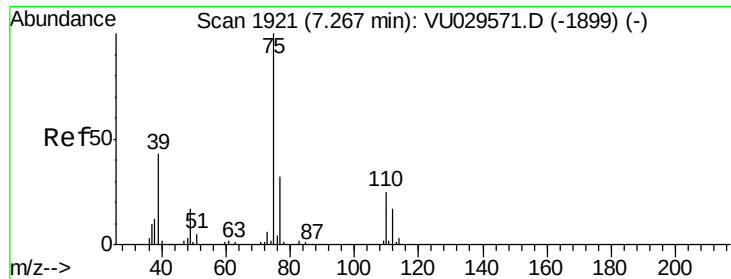
Tgt Ion: 83 Resp: 16885
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 0.7 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

Tgt Ion: 63 Resp: 7687
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

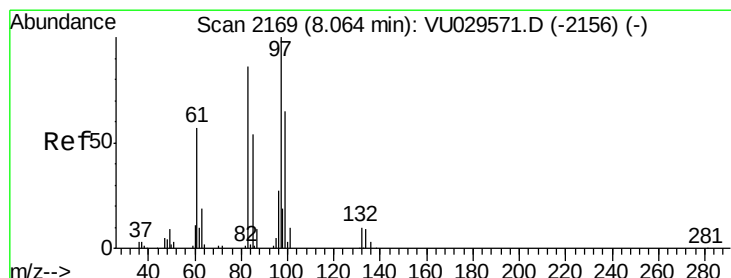
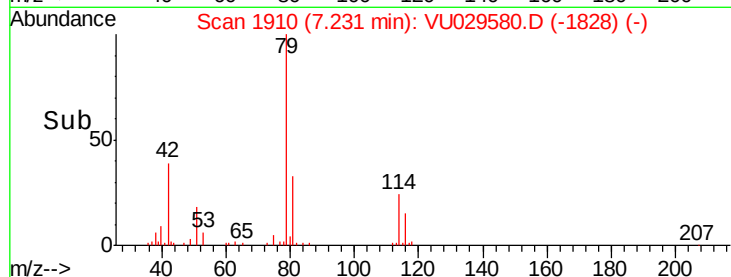
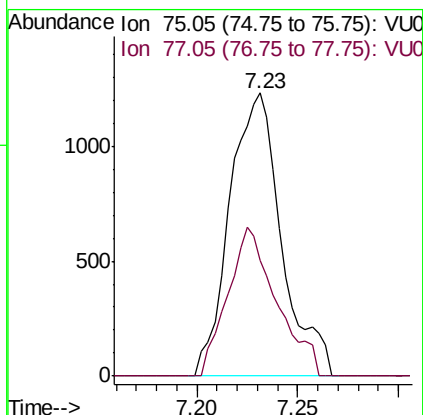
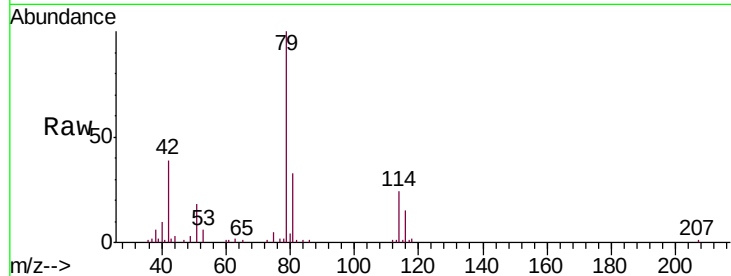




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU029580.D
 Acq: 20 Feb 2019 15:02

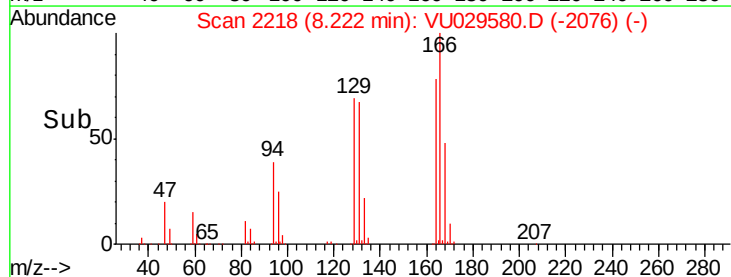
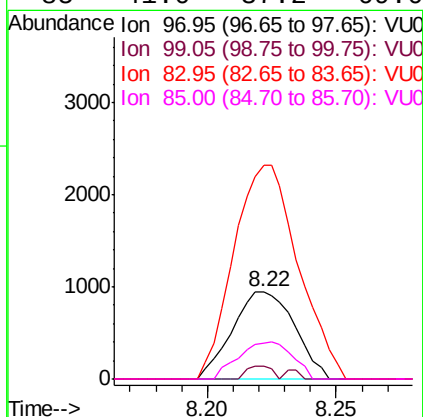
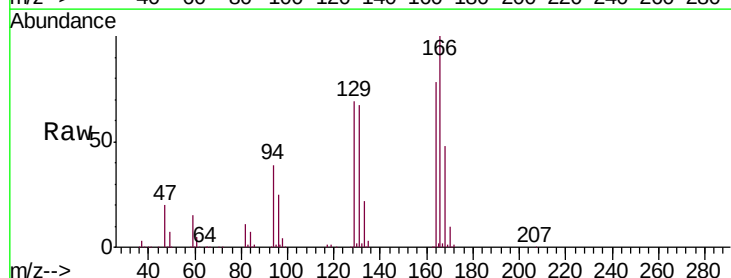
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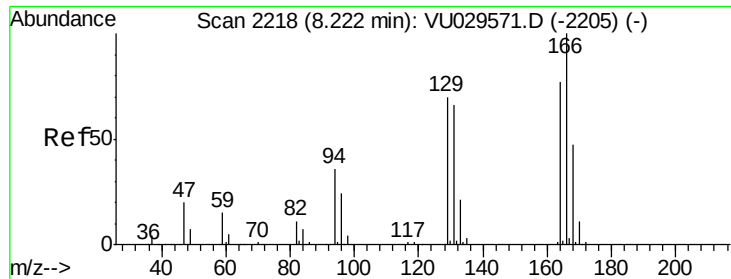
Tgt Ion: 75 Resp: 2216
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.3 41.3



#45
 1,1,2-Trichloroethane
 Concen: 0.140 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.16 min
 Lab File: VU029580.D
 Acq: 20 Feb 2019 15:02

Tgt Ion: 97 Resp: 1589
 Ion Ratio Lower Upper
 97 100
 99 14.8 41.6 77.2#
 83 244.2 55.8 103.6#
 85 41.0 37.2 69.0

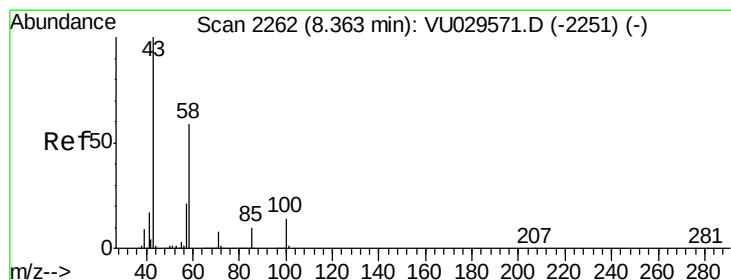
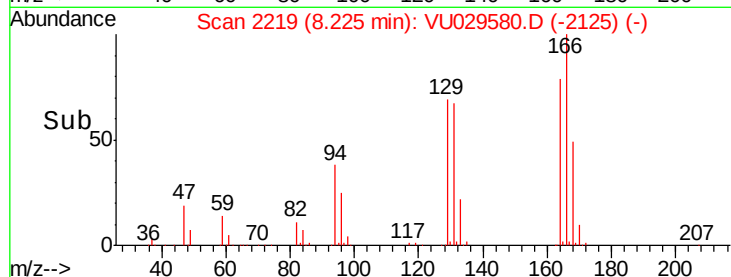
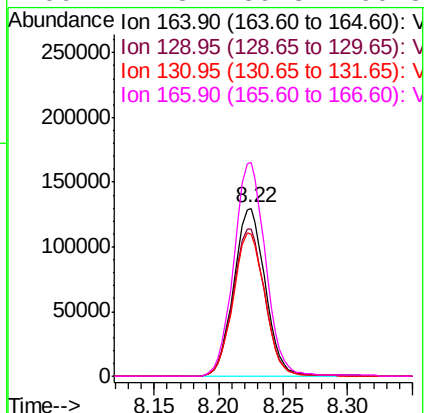
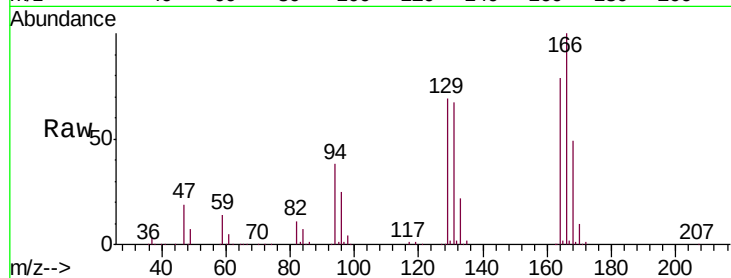




#47
Tetrachloroethene
Concen: 14.435 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

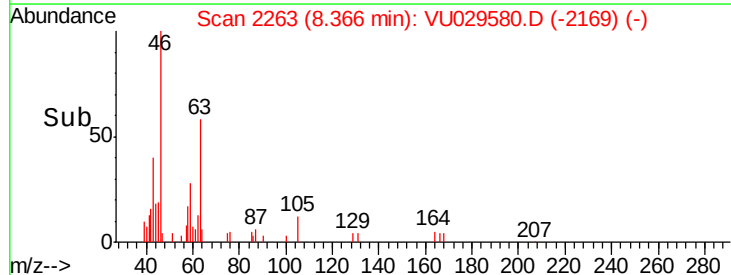
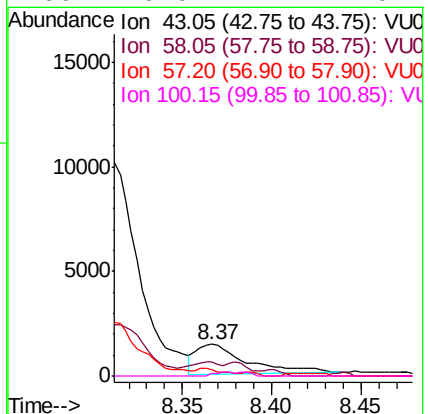
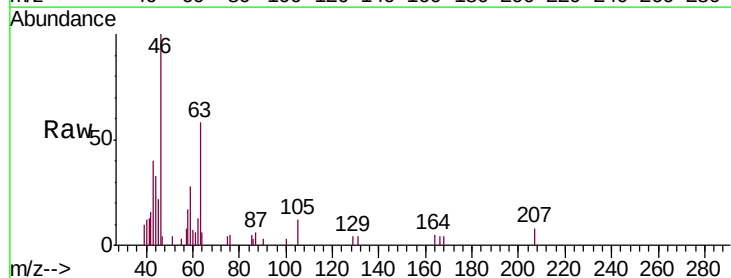
Instrument :
MSVOA_U
ClientSampleId :
ESXE6DL

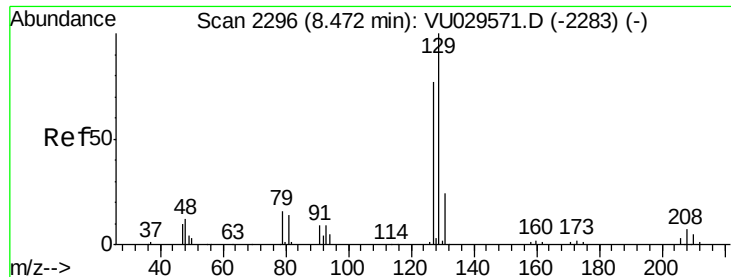
Tgt Ion:	164	Resp:	220373
Ion	Ratio	Lower	Upper
164	100		
129	87.6	62.9	116.9
131	84.9	62.1	115.3
166	127.3	89.8	166.8



#48
2-Hexanone
Concen: 0.454 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029580.D
Acq: 20 Feb 2019 15:02

Tgt Ion:	43	Resp:	2834
Ion	Ratio	Lower	Upper
43	100		
58	30.3	45.7	68.5#
57	14.4	16.4	24.6#
100	0.0	11.1	16.7#





#49

Dibromochloromethane

Concen: 12.795 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

Instrument :

MSVOA_U

ClientSampleId :

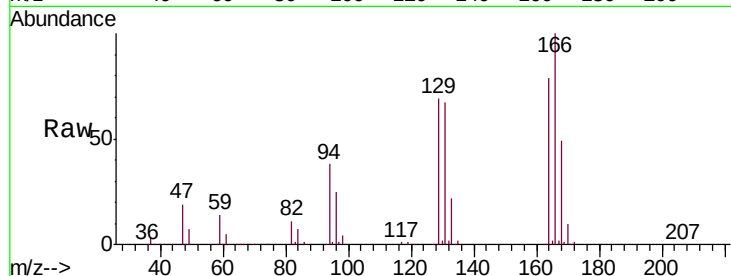
ESXE6DL

Tgt Ion:129 Resp: 196133

Ion Ratio Lower Upper

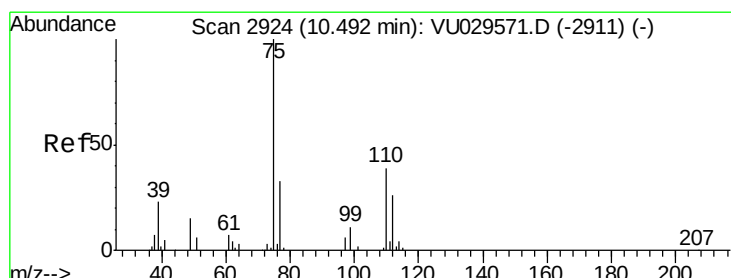
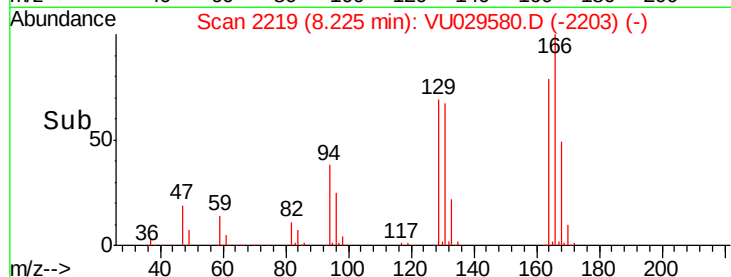
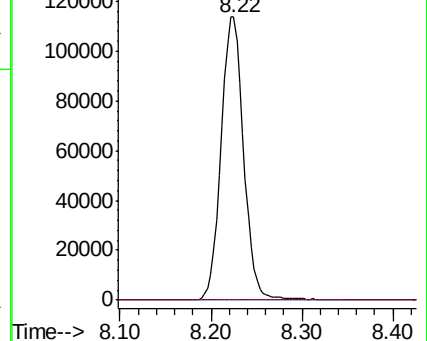
129 100

127 0.1 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.111 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029580.D

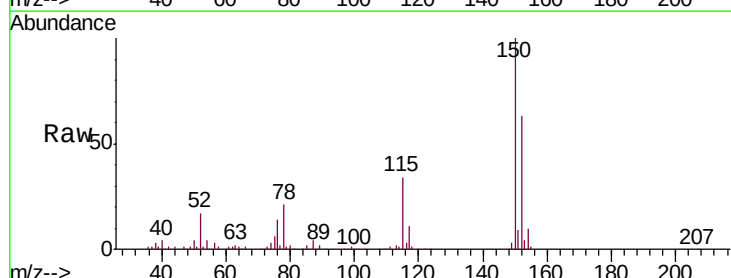
Acq: 20 Feb 2019 15:02

Tgt Ion: 75 Resp: 10581

Ion Ratio Lower Upper

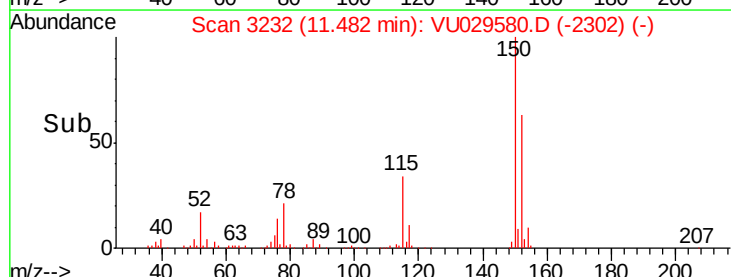
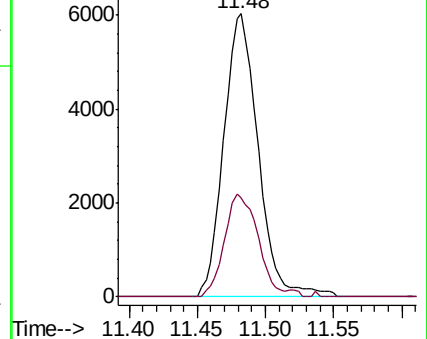
75 100

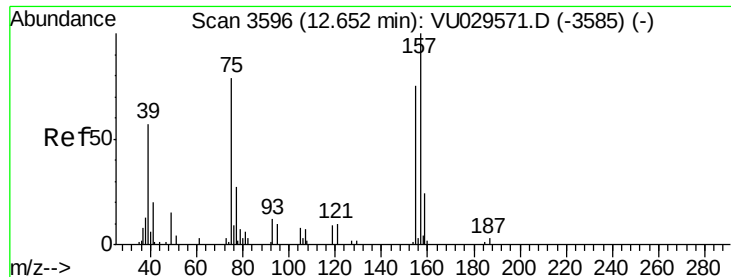
77 35.8 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.405 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. -0.18 min
 Lab File: VU029580.D
 Acq: 20 Feb 2019 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE6DL

Tgt Ion: 75 Resp: 885
 Ion Ratio Lower Upper
 75 100
 155 28.0 75.3 112.9#
 157 0.0 103.0 154.4#

