

Data File : VU029576.D
Acq On : 20 Feb 2019 13:27
Operator : JC/SP
Sample : K1488-19DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXF6DL

Quant Time: Feb 21 04:26:25 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	202547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52810	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.68	69	50922	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	86485	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.19	46	174831	61.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.58%
24) Chloroform-d	4.64	84	111893	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	63253	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.34	84	227186	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	73597	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.56	98	215034	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	27466	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.31	63	171034	60.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67828	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	102263	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.40	62	9850	0.505	ug/L #	29
6) Bromomethane	1.63	94	734	0.065	ug/L	79
8) Chloroethane	1.65	64	1405	0.111	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	973	0.055	ug/L #	16
12) 1,1-Dichloroethene	2.28	96	1488	0.089	ug/L #	1
13) Acetone	2.32	43	1306	0.508	ug/L	83
18) trans-1,2-Dichloroethene	2.98	96	8967	0.505	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	215572	13.185	ug/L	94
25) Chloroform	4.67	83	4518	0.169	ug/L	81
35) Methylcyclohexane	6.33	83	17921	0.662	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7906	0.552	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2114	0.094	ug/L #	55
48) 2-Hexanone	8.37	43	2283	0.379	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	10114	1.100	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	1060	0.495	ug/L #	5

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

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : VU029576.D

Acq On : 20 Feb 2019 13:27

Operator : JC/SP

Sample : K1488-19DL 5X

Misc : 25.0mL/MSVOA U/WATER

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
ESXF6DL

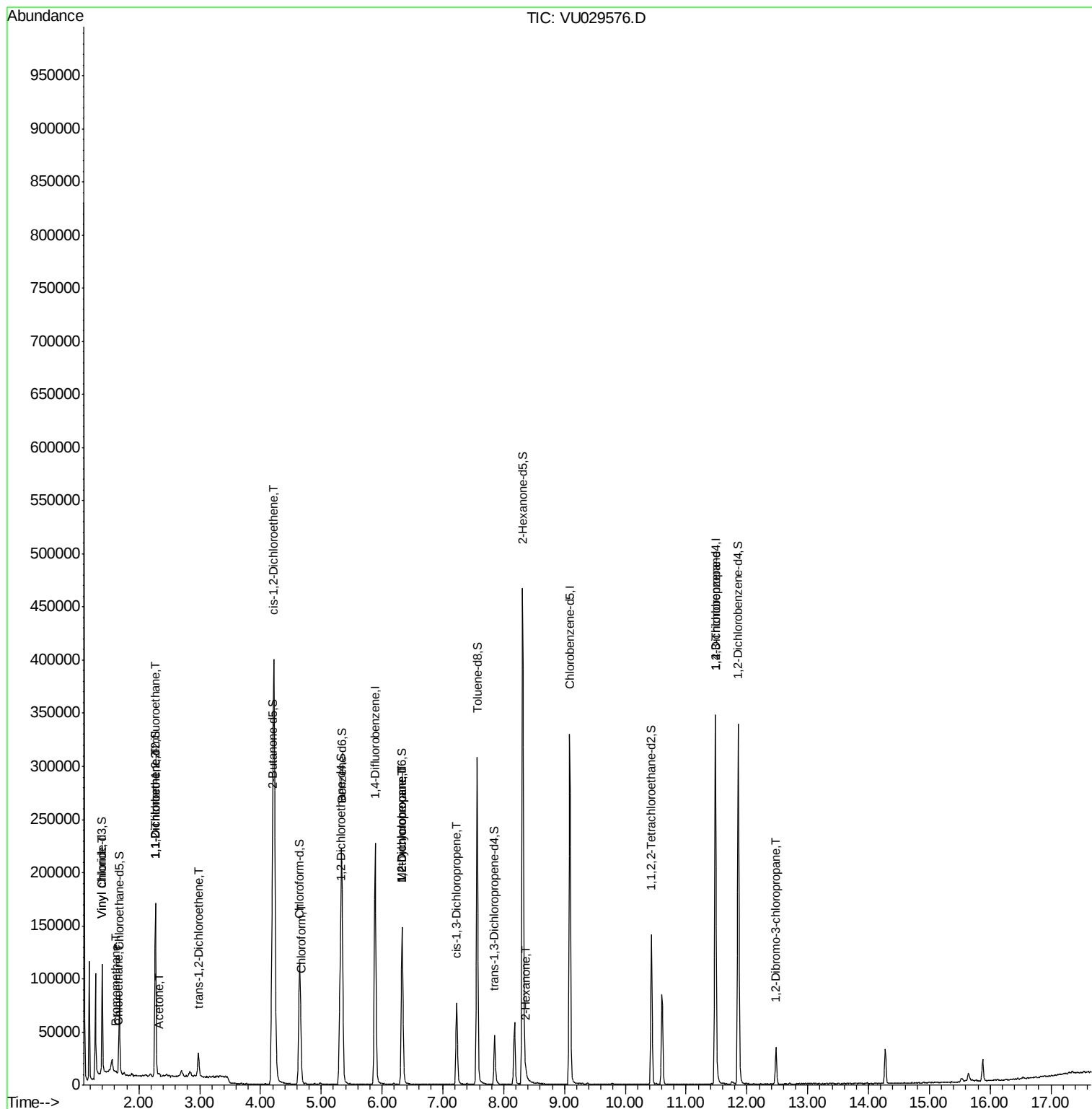
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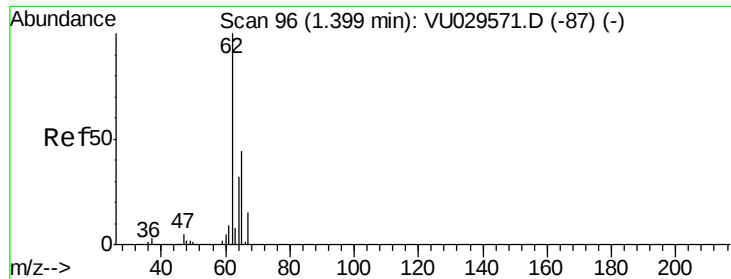
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Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Feb 21 04:23:07 2019

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.505 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

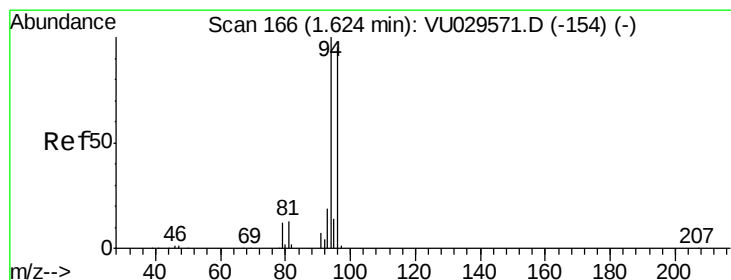
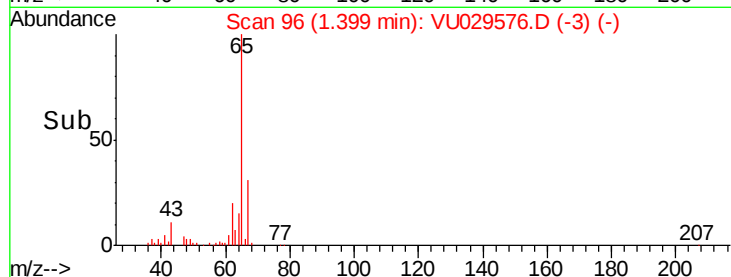
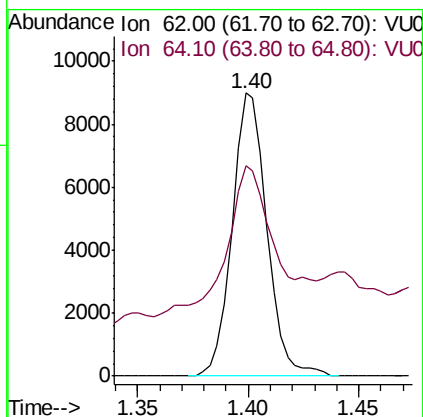
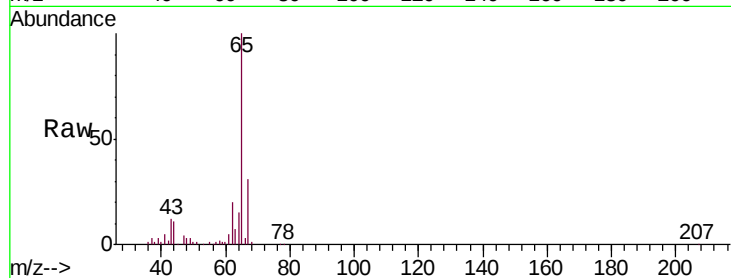
ESXF6DL

Tgt Ion: 62 Resp: 9850

Ion Ratio Lower Upper

62 100

64 74.2 23.5 43.7#



#6

Bromomethane

Concen: 0.065 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029576.D

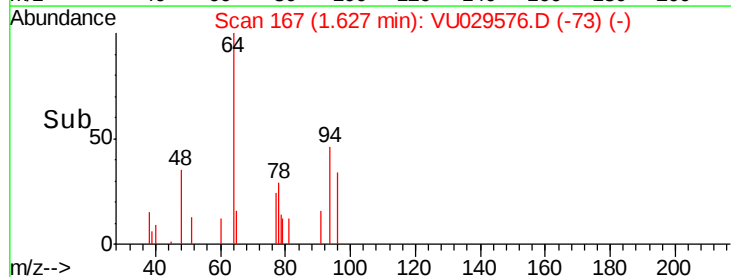
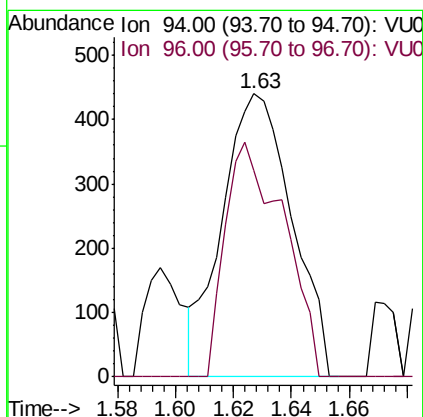
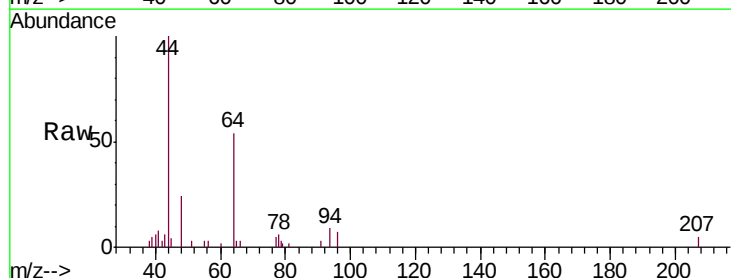
Acq: 20 Feb 2019 13:27

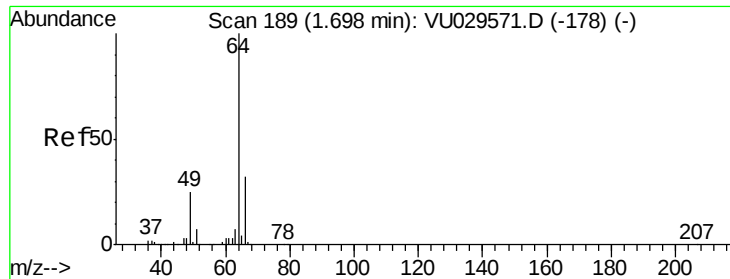
Tgt Ion: 94 Resp: 734

Ion Ratio Lower Upper

94 100

96 73.0 65.2 121.0





#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.65 min Scan# 174

Delta R.T. -0.05 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

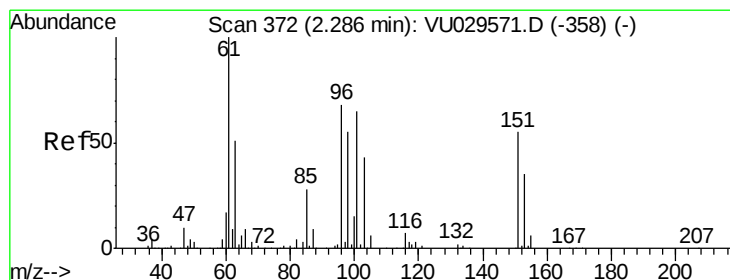
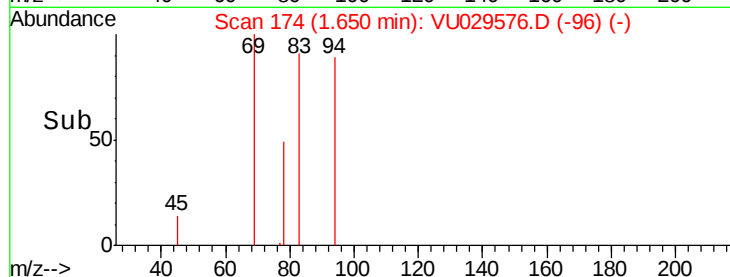
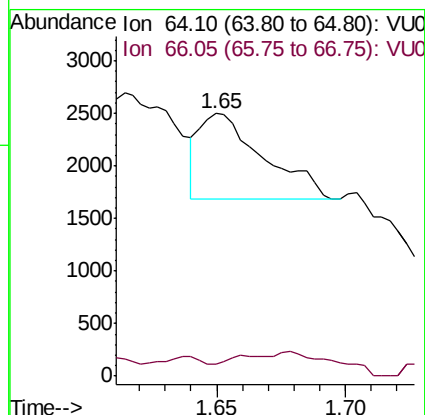
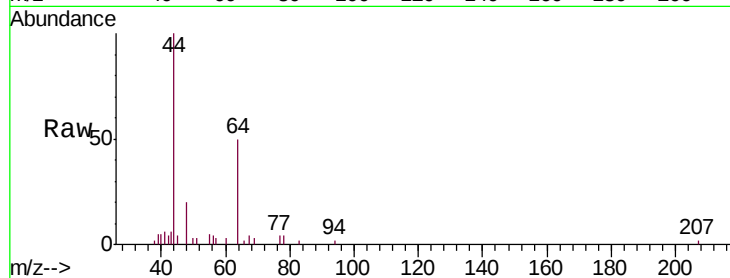
ESXF6DL

Tgt Ion: 64 Resp: 1405

Ion Ratio Lower Upper

64 100

66 4.5 22.0 40.8#



#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: VU029576.D

Acq: 20 Feb 2019 13:27

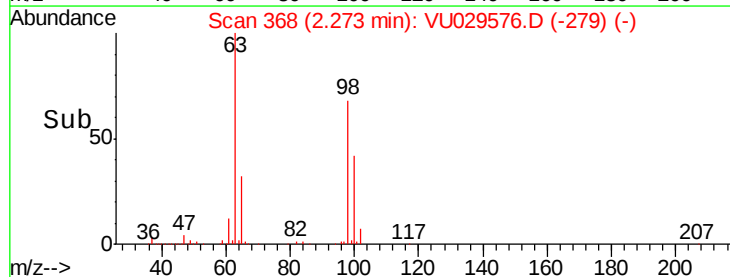
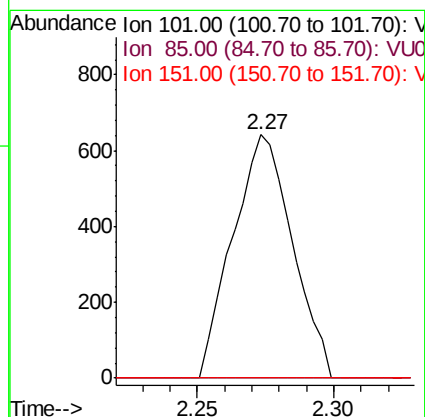
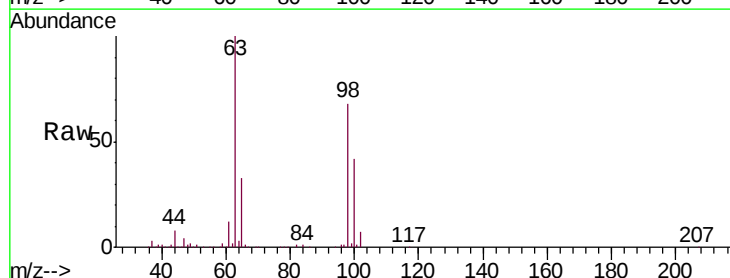
Tgt Ion: 101 Resp: 973

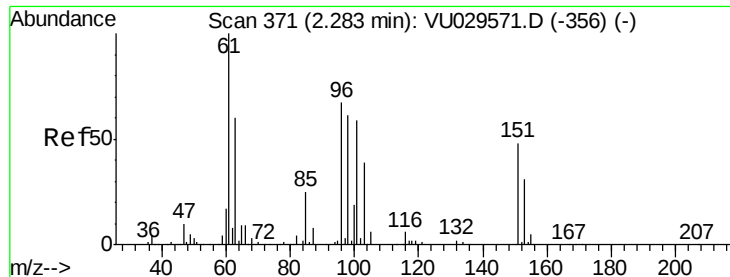
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

ESXF6DL

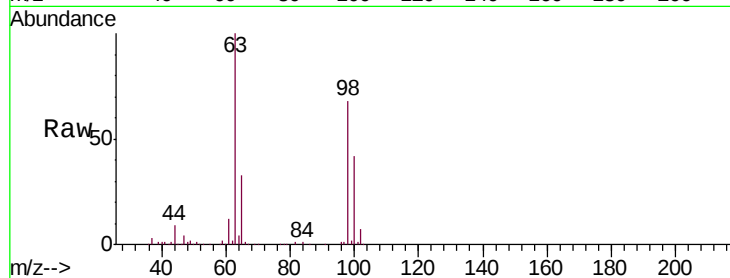
Tgt Ion: 96 Resp: 1488

Ion Ratio Lower Upper

96 100

61 843.3 115.1 213.7#

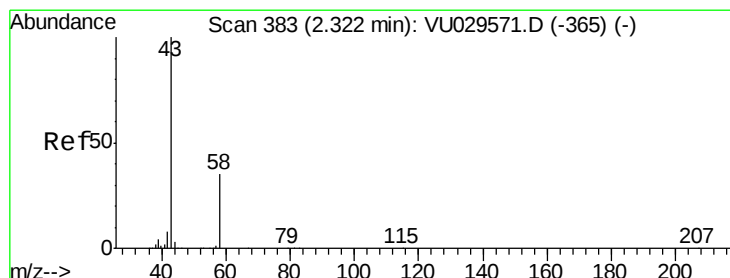
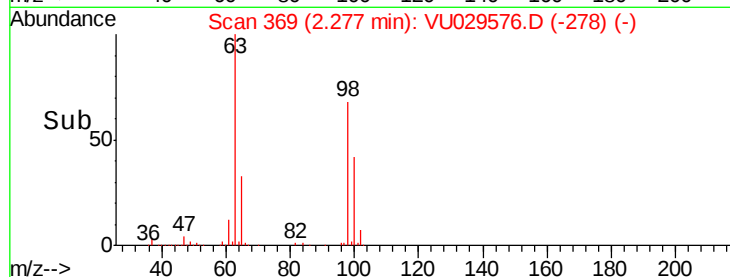
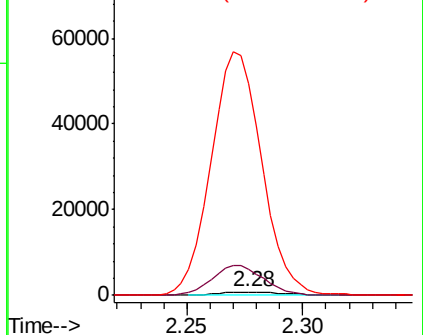
63 6843.7 83.5 155.1#



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



#13

Acetone

Concen: 0.508 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029576.D

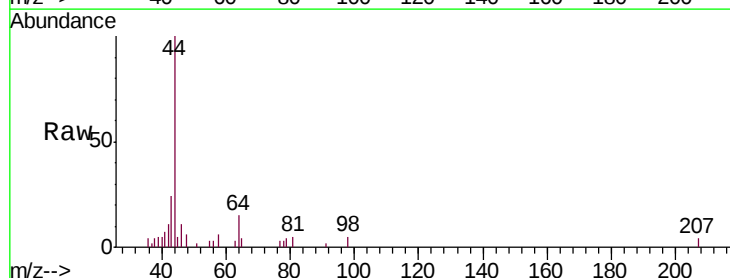
Acq: 20 Feb 2019 13:27

Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

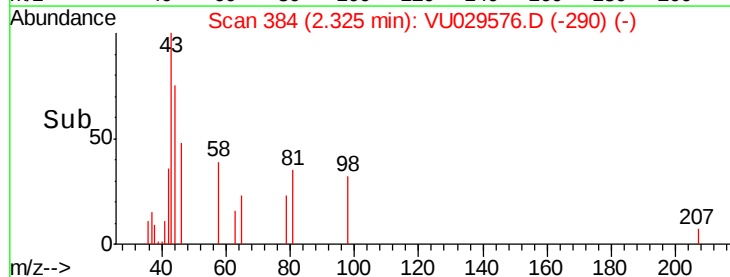
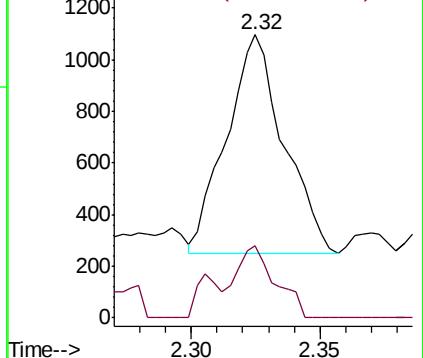
43 100

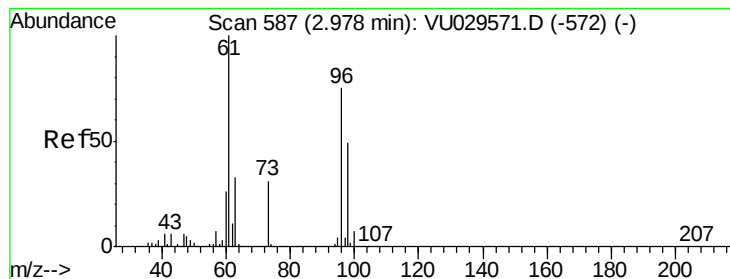
58 22.7 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.505 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

ESXF6DL

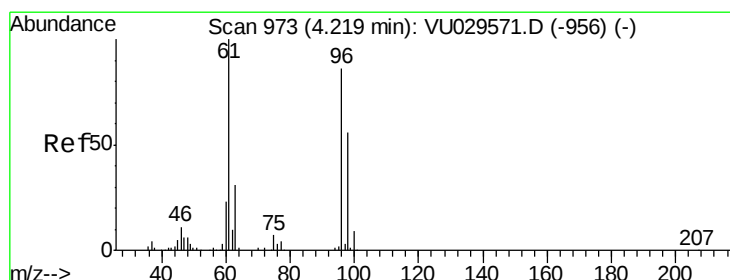
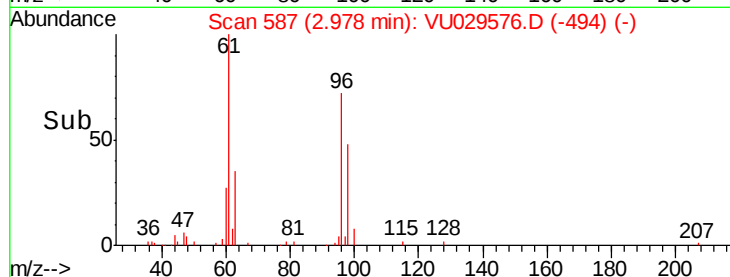
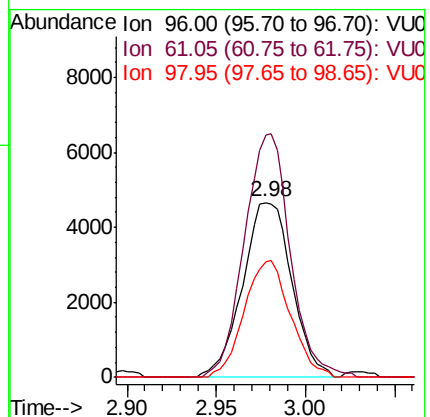
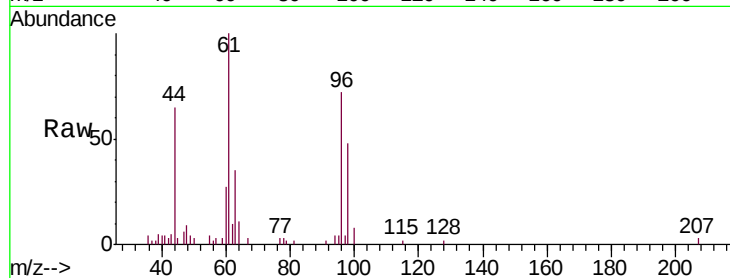
Tgt Ion: 96 Resp: 8967

Ion Ratio Lower Upper

96 100

61 138.7 95.4 177.2

98 66.4 45.8 85.2



#22

cis-1,2-Dichloroethene

Concen: 13.185 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

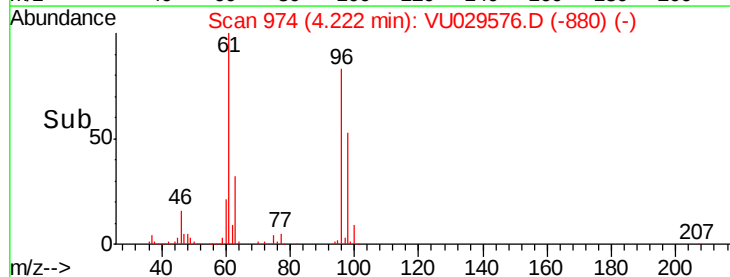
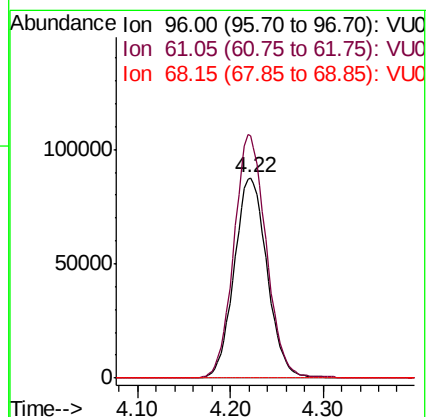
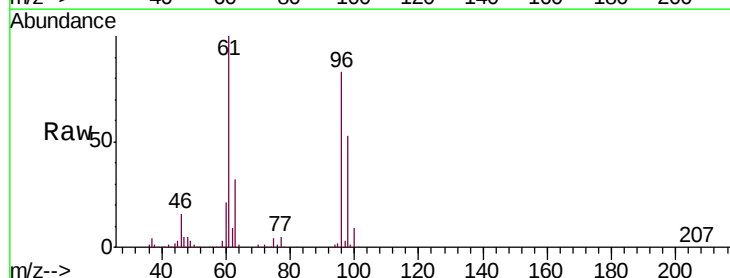
Tgt Ion: 96 Resp: 215572

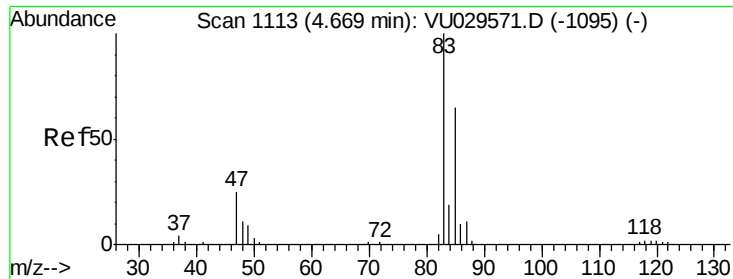
Ion Ratio Lower Upper

96 100

61 121.1 79.9 148.5

68 0.0 0.0 0.0

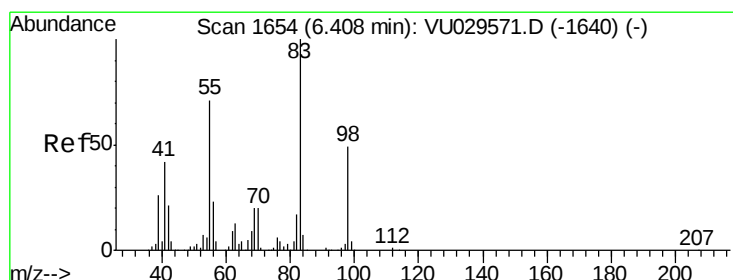
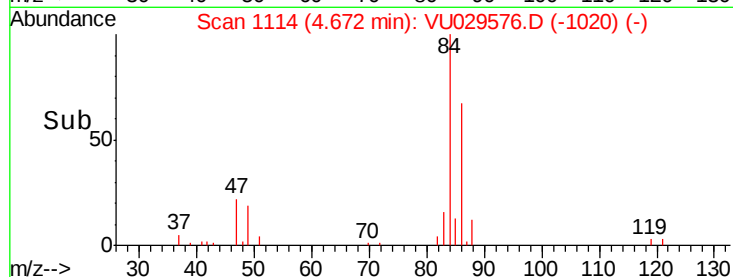
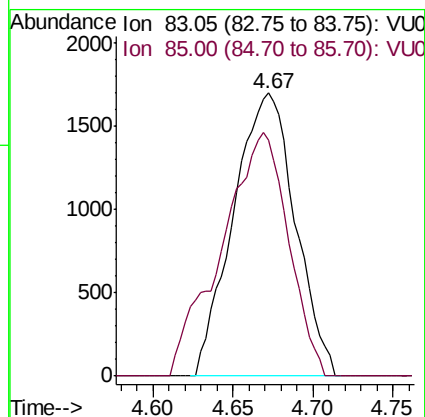
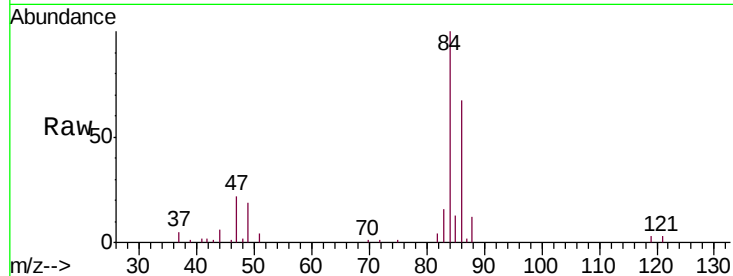




#25
Chloroform
Concen: 0.169 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029576.D
Acq: 20 Feb 2019 13:27

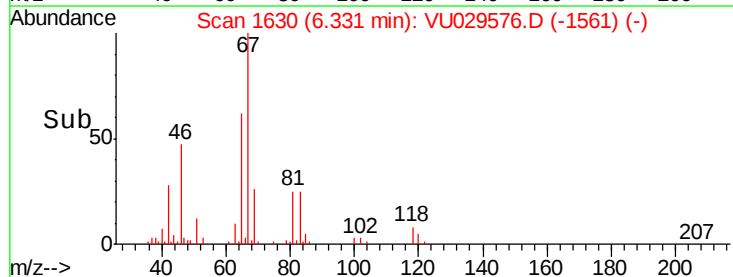
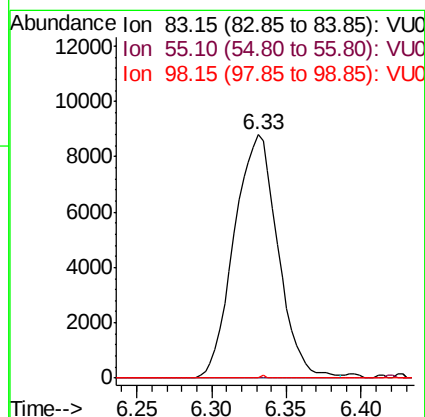
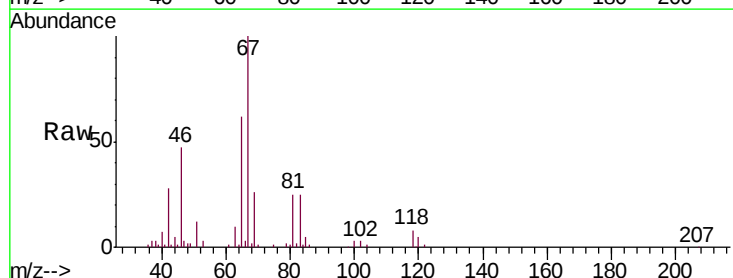
Instrument :
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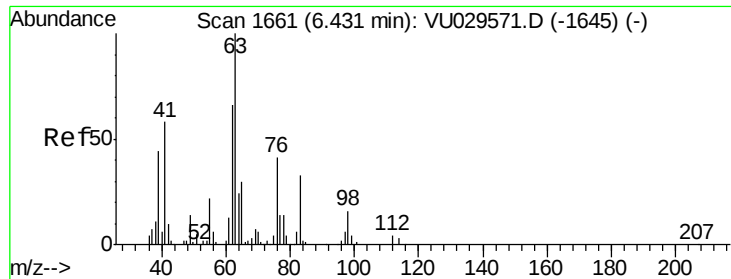
Tgt Ion: 83 Resp: 4518
Ion Ratio Lower Upper
83 100
85 83.4 47.8 88.8



#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029576.D
Acq: 20 Feb 2019 13:27

Tgt Ion: 83 Resp: 17921
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 0.1 38.6 57.8#

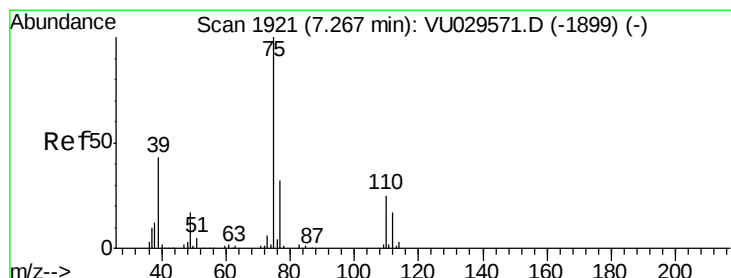
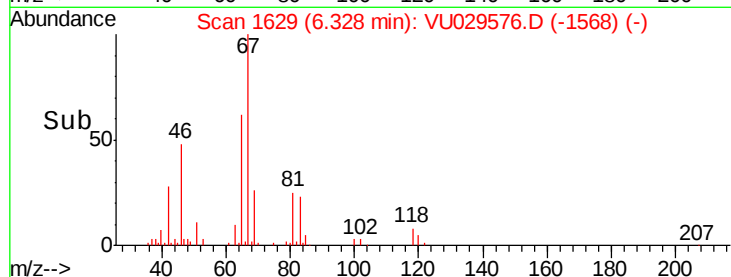
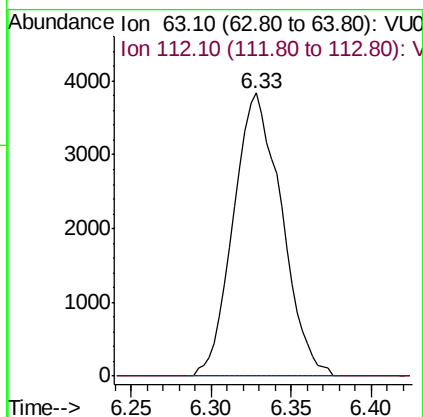
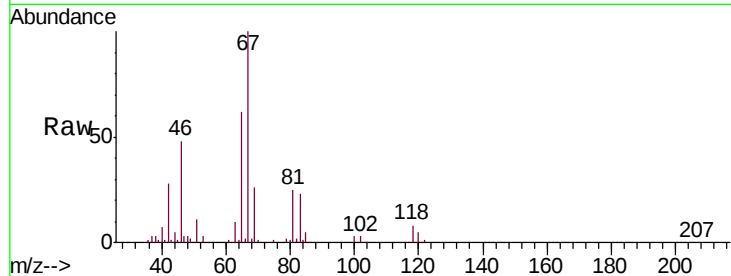




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029576.D
 Acq: 20 Feb 2019 13:27

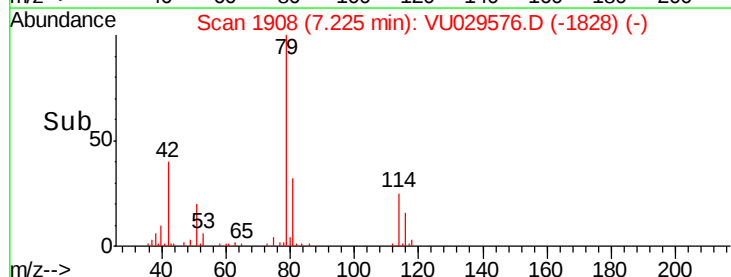
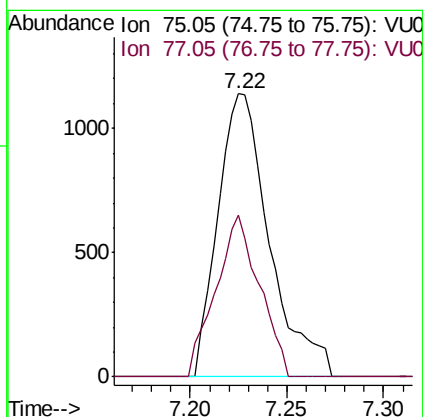
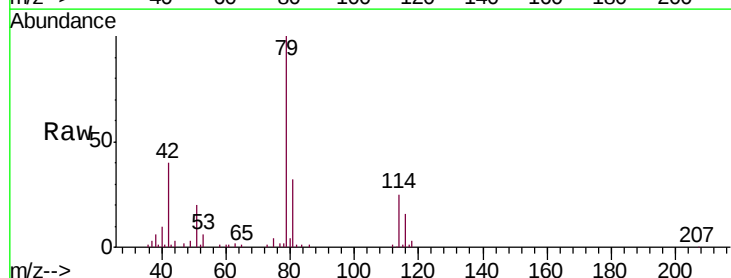
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF6DL

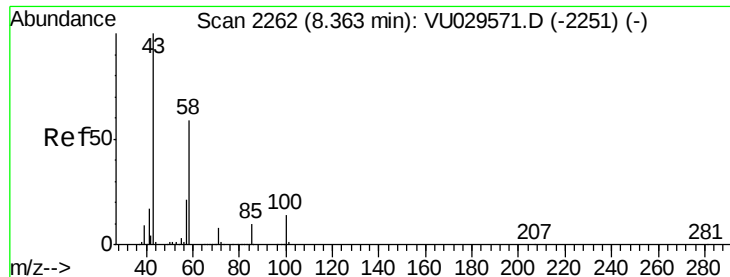
Tgt Ion: 63 Resp: 7906
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029576.D
 Acq: 20 Feb 2019 13:27

Tgt Ion: 75 Resp: 2114
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.3 41.3#

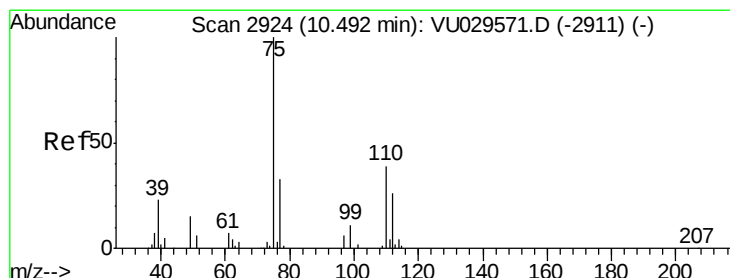
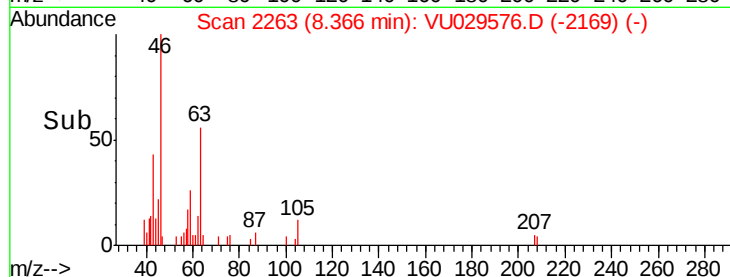
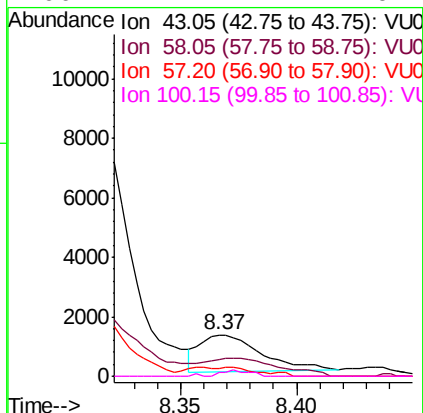
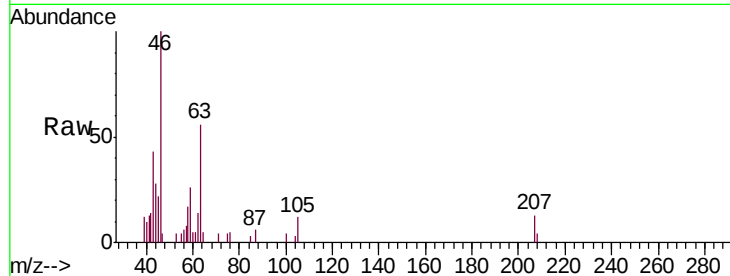




#48
 2-Hexanone
 Concen: 0.379 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029576.D
 Acq: 20 Feb 2019 13:27

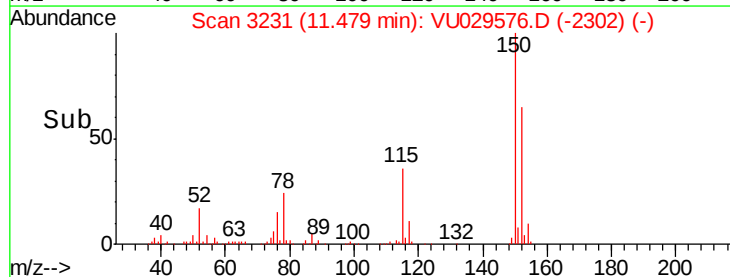
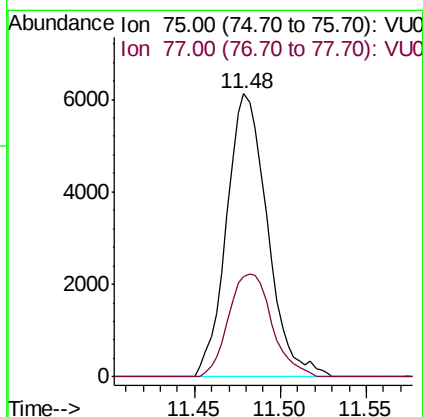
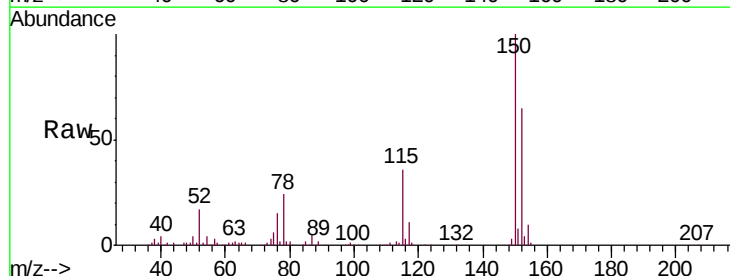
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF6DL

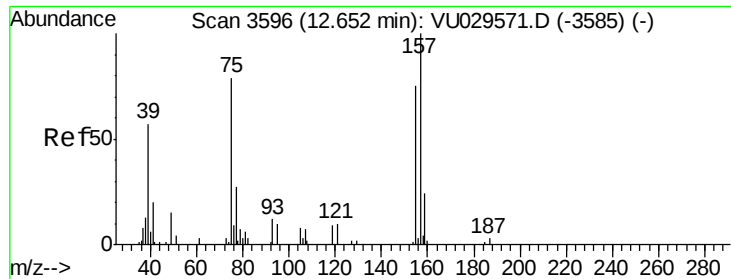
Tgt Ion: 43 Resp: 2283
 Ion Ratio Lower Upper
 43 100
 58 61.0 45.7 68.5
 57 0.0 16.4 24.6#
 100 7.2 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.100 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029576.D
 Acq: 20 Feb 2019 13:27

Tgt Ion: 75 Resp: 10114
 Ion Ratio Lower Upper
 75 100
 77 38.6 28.2 42.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.495 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.17 min

Lab File: VU029576.D

Acq: 20 Feb 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

ESXF6DL

Tgt Ion: 75 Resp: 1060

Ion Ratio Lower Upper

75 100

155 22.5 75.3 112.9#

157 0.0 103.0 154.4#

