

Data File : VU029434.D
Acq On : 12 Feb 2019 20:53
Operator : JC/SP
Sample : K1436-22MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MSD

Quant Time: Feb 13 03:31:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67224	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	60094	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	145998	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	4.19	46	157425	58.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.00%
24) Chloroform-d	4.64	84	97391	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	59697	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.34	84	234194	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.33	67	69939	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.56	98	225365	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.85	79	27046	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	157565	58.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60861	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	98414	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1433	0.085 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	74539	4.662 ug/L	97
13) Acetone	2.32	43	5316	2.156 ug/L	93
25) Chloroform	4.67	83	13156	0.512 ug/L	98
27) 1,2-Dichloroethane	5.39	62	1853	0.125 ug/L #	72
33) Benzene	5.39	78	250328	4.642 ug/L	100
34) Trichloroethene	6.18	95	68029	4.487 ug/L	97
35) Methylcyclohexane	6.33	83	17338	0.680 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7538	0.558 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1731	0.081 ug/L #	63
42) Toluene	7.63	91	287350	4.748 ug/L	100
48) 2-Hexanone	8.31	43	17462	3.077 ug/L #	70
51) Chlorobenzene	9.12	112	191466	4.600 ug/L	97
53) m,p-xylene	9.38	106	1601	0.059 ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	9935	1.147 ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

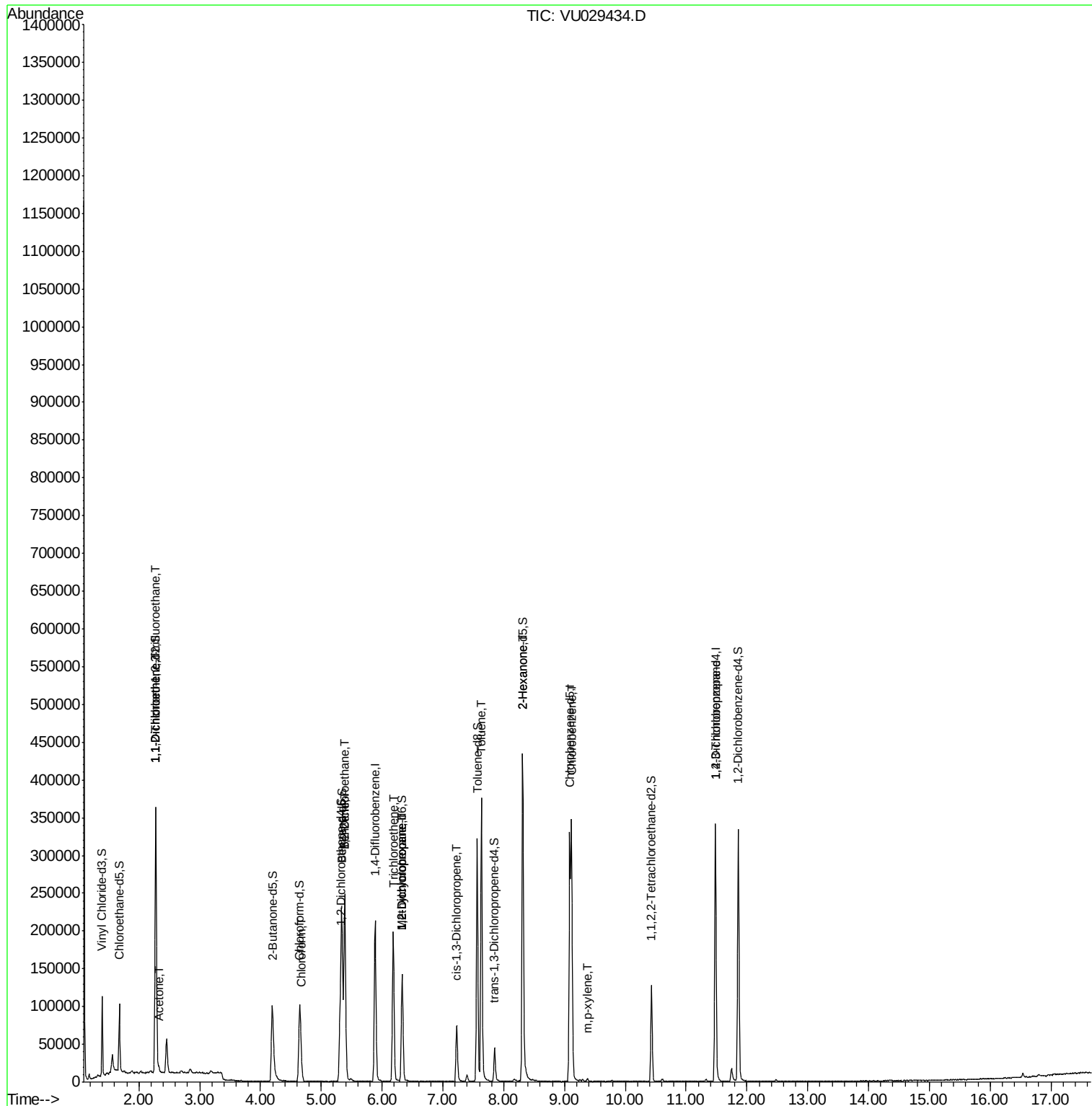
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

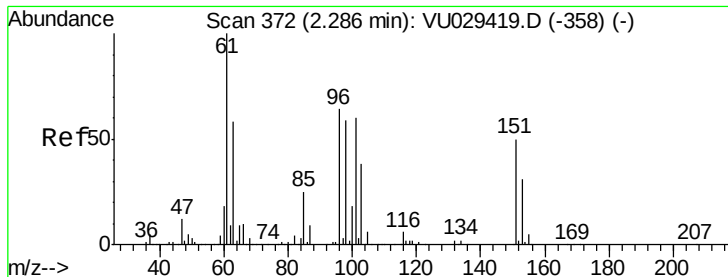
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MSD

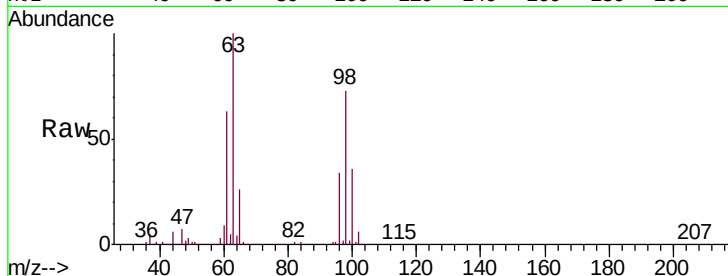
Tgt Ion: 101 Resp: 1433

Ion Ratio Lower Upper

101 100

85 4.7 35.1 52.7#

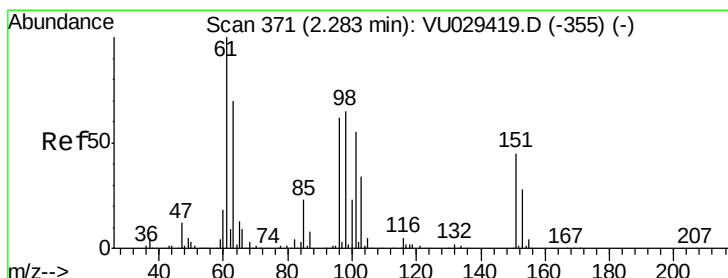
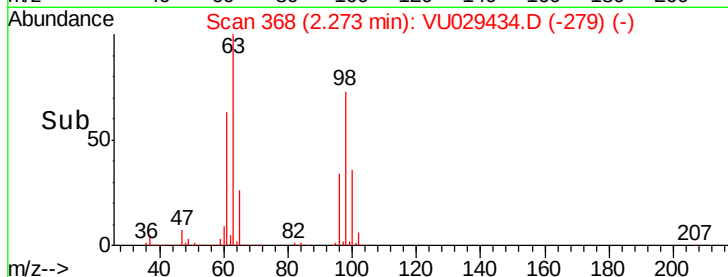
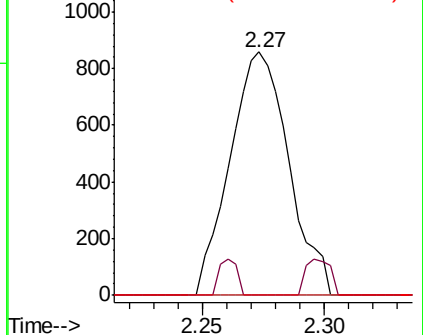
151 0.0 67.0 100.6#



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: 4.662 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

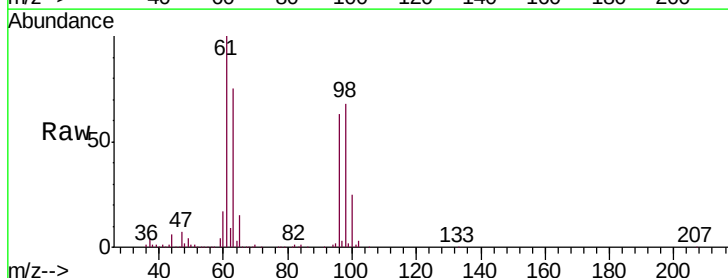
Tgt Ion: 96 Resp: 74539

Ion Ratio Lower Upper

96 100

61 158.0 115.1 213.7

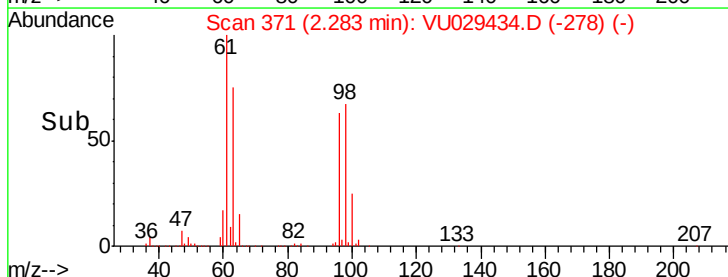
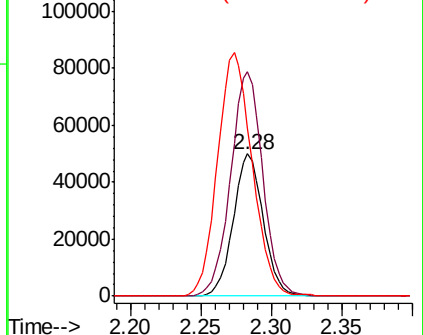
63 118.0 83.5 155.1

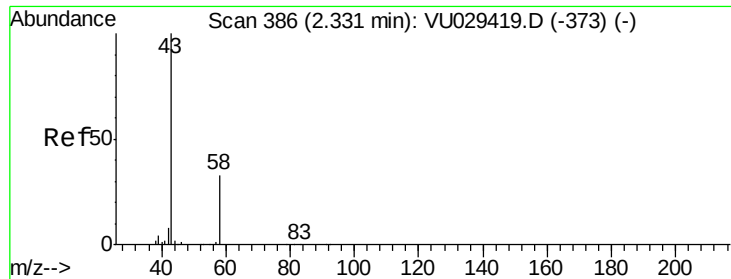


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.156 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

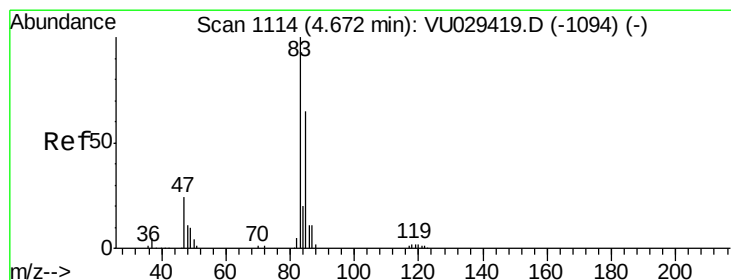
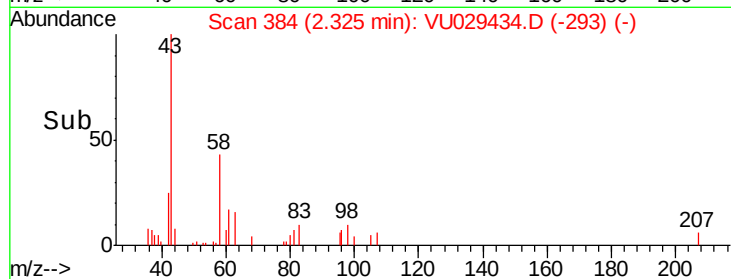
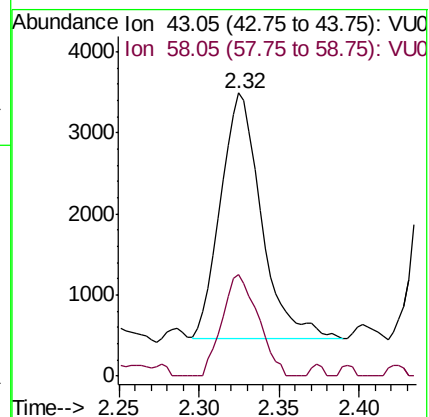
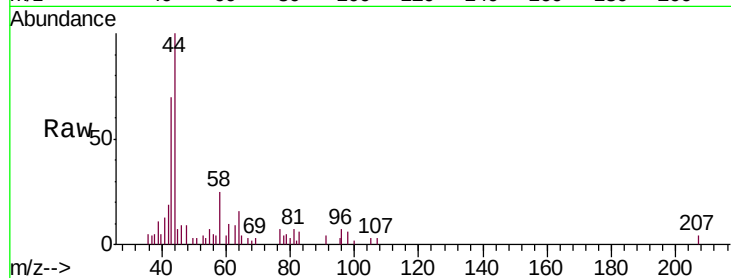
ESXB3MSD

Tgt Ion: 43 Resp: 5316

Ion Ratio Lower Upper

43 100

58 36.2 0.0 65.0



#25

Chloroform

Concen: 0.512 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029434.D

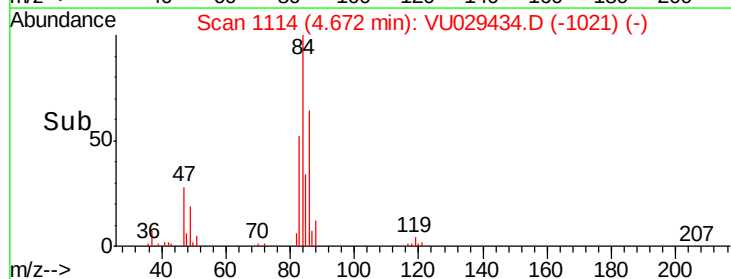
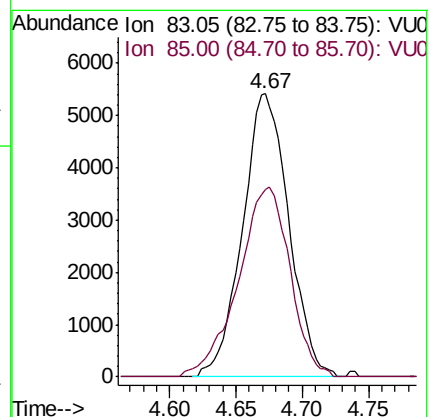
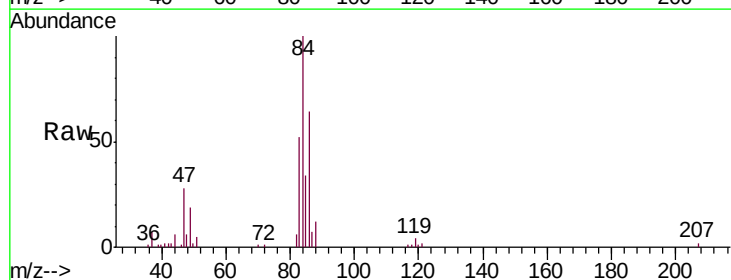
Acq: 12 Feb 2019 20:53

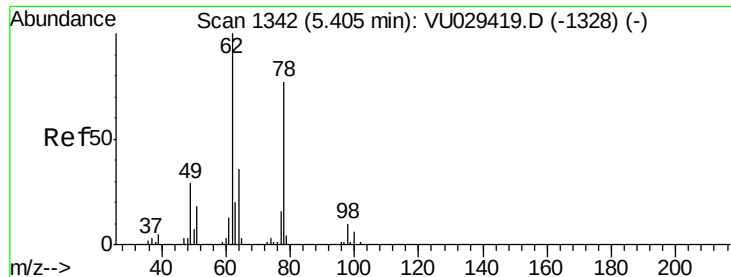
Tgt Ion: 83 Resp: 13156

Ion Ratio Lower Upper

83 100

85 66.4 47.8 88.8

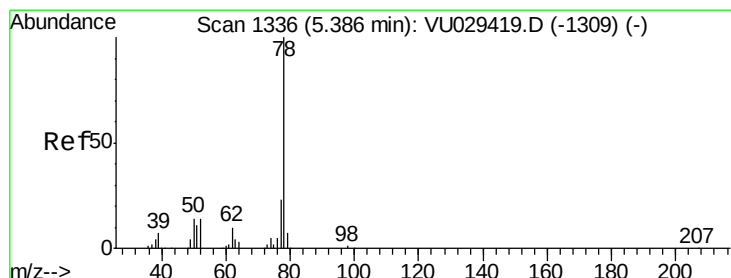
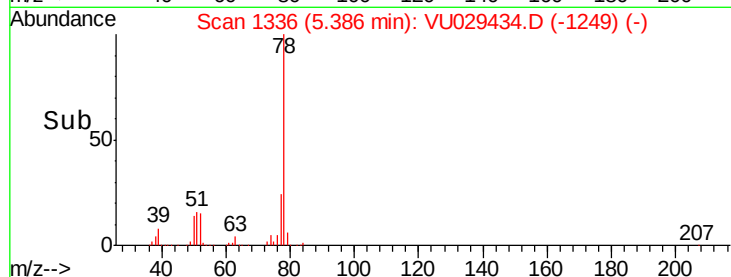
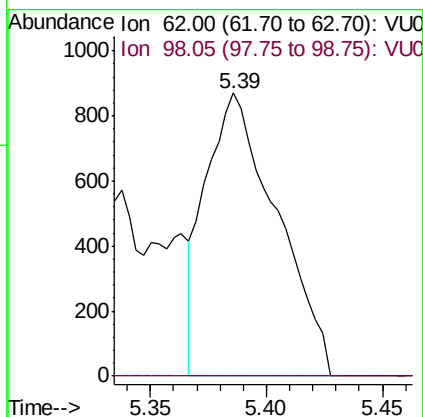
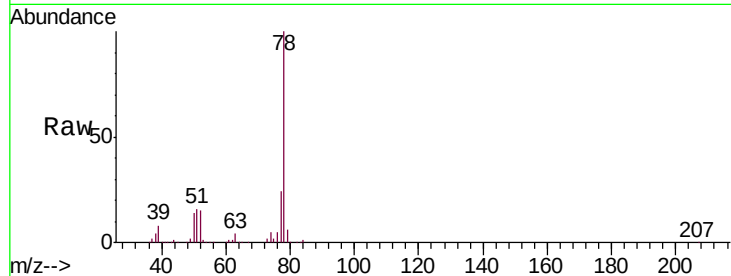




#27
 1,2-Dichloroethane
 Concen: 0.125 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: VU029434.D
 Acq: 12 Feb 2019 20:53

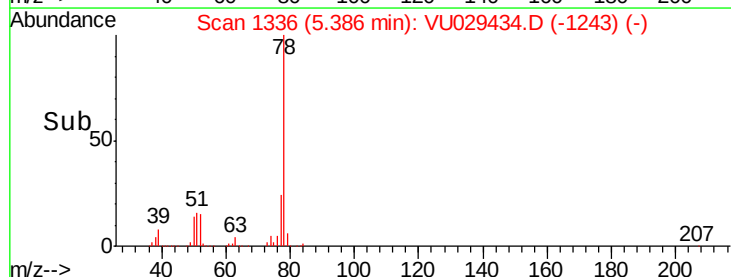
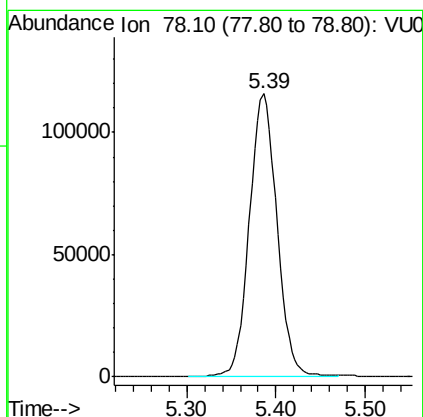
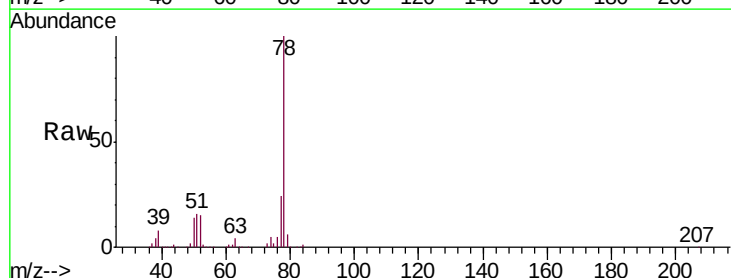
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MSD

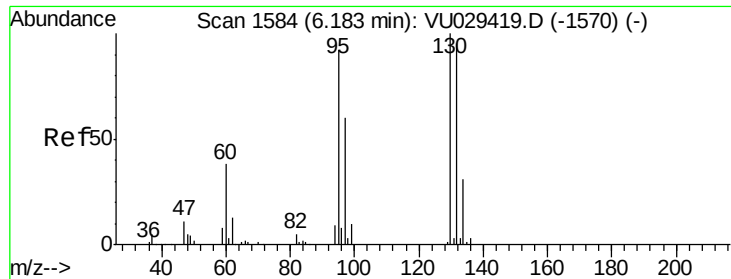
Tgt Ion: 62 Resp: 1853
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#33
 Benzene
 Concen: 4.642 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU029434.D
 Acq: 12 Feb 2019 20:53

Tgt Ion: 78 Resp: 250328





#34

Trichloroethene

Concen: 4.487 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MSD

Tgt Ion: 95 Resp: 68029

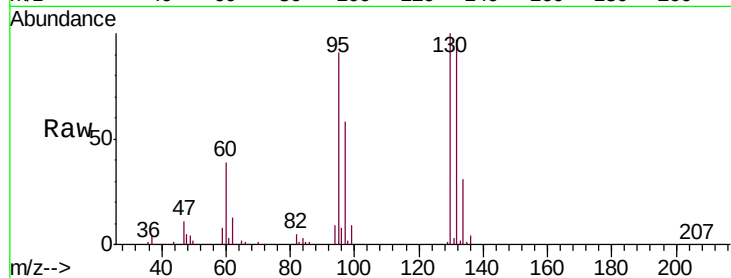
Ion Ratio Lower Upper

95 100

97 63.7 46.3 86.1

132 107.1 72.9 135.3

130 110.3 79.2 147.0

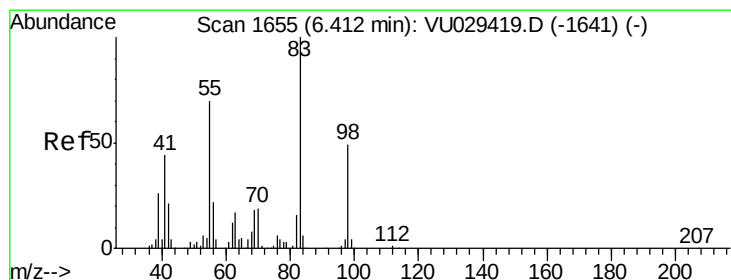
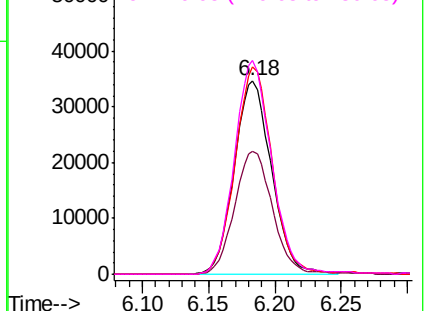
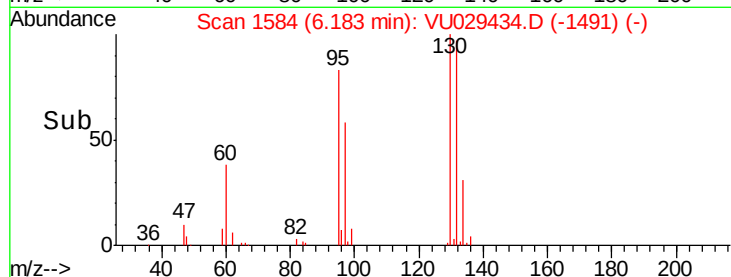


Abundance Ion 95.00 (94.70 to 95.70): VU029434.D (-1570) (-)

Ion 96.95 (96.65 to 97.65): VU029434.D (-1570) (-)

Ion 131.95 (131.65 to 132.65): VU029434.D (-1570) (-)

Ion 129.95 (129.65 to 130.65): VU029434.D (-1570) (-)



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

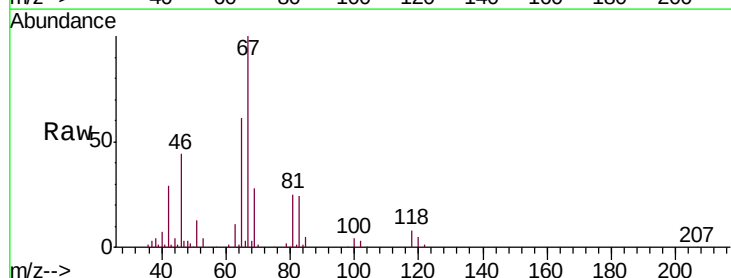
Tgt Ion: 83 Resp: 17338

Ion Ratio Lower Upper

83 100

55 0.6 55.9 83.9#

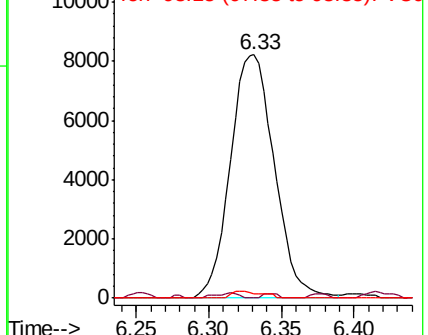
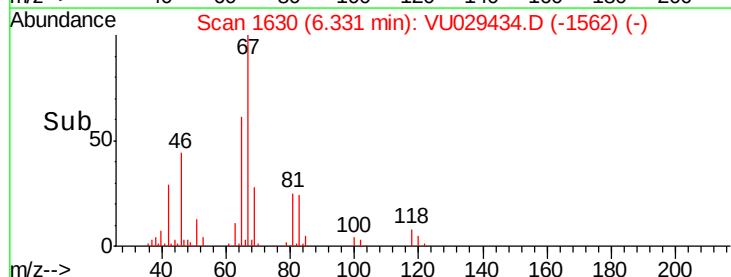
98 0.0 38.6 57.8#

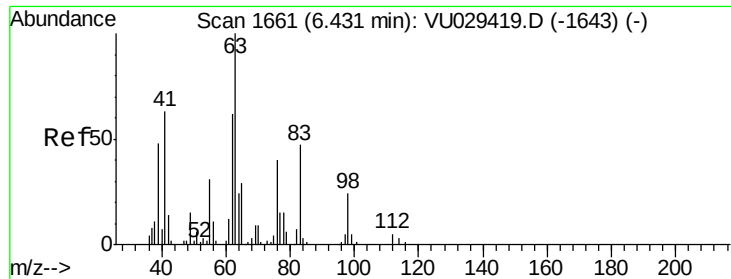


Abundance Ion 83.15 (82.85 to 83.85): VU029434.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VU029434.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VU029434.D (-1562) (-)

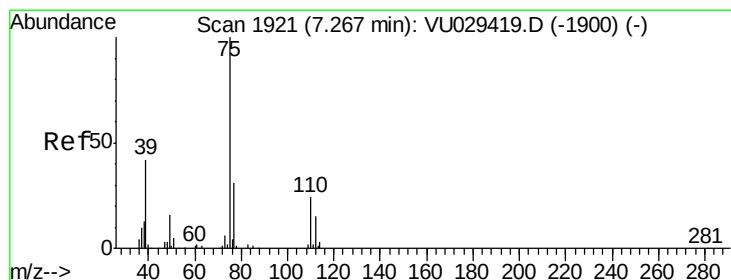
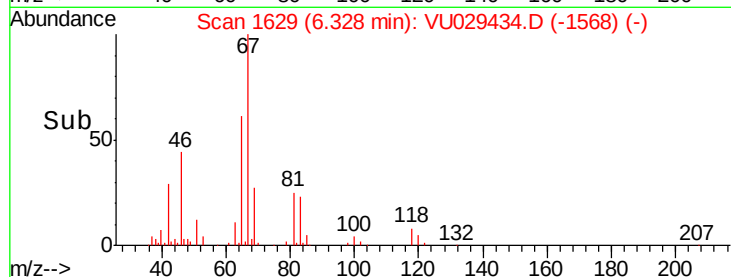
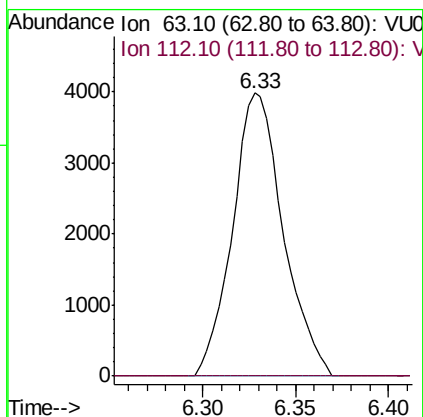
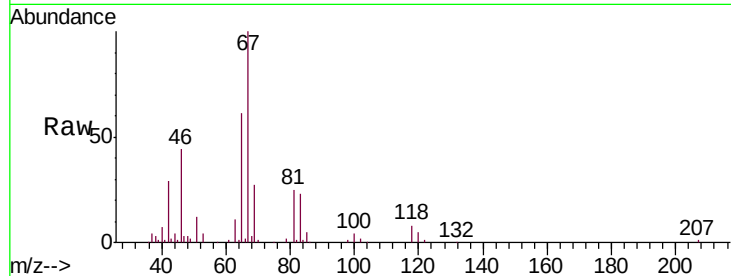




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029434.D
 Acq: 12 Feb 2019 20:53

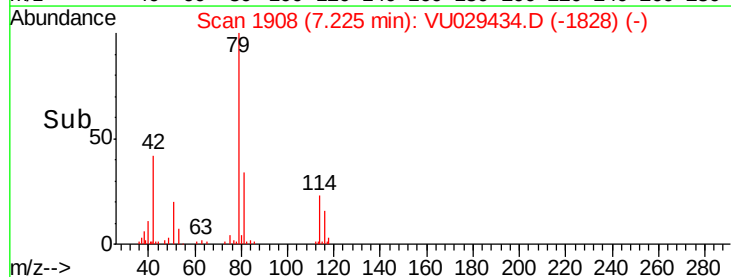
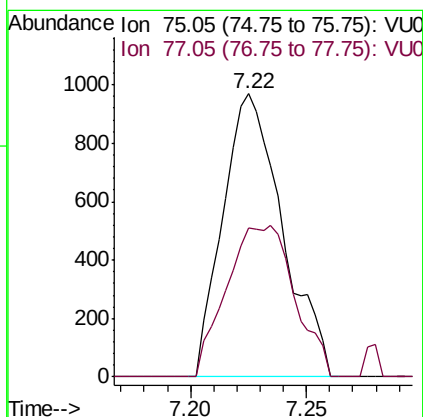
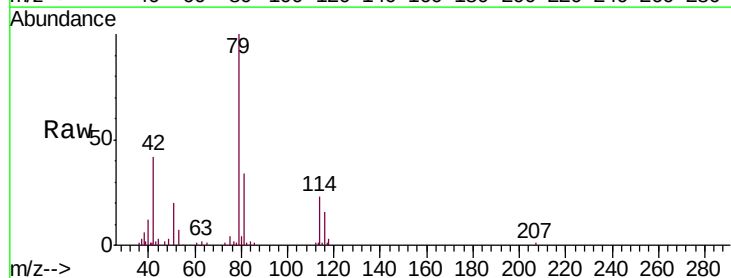
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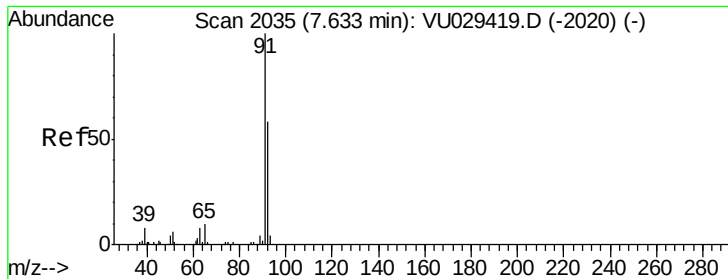
Tgt Ion: 63 Resp: 7538
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029434.D
 Acq: 12 Feb 2019 20:53

Tgt Ion: 75 Resp: 1731
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.3 41.3#





#42

Toluene

Concen: 4.748 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

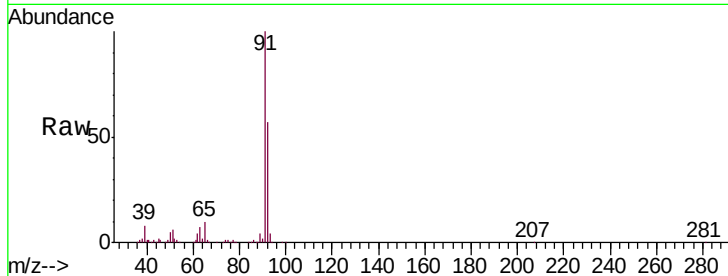
ESXB3MSD

Tgt Ion: 91 Resp: 287350

Ion Ratio Lower Upper

91 100

92 57.0 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.63

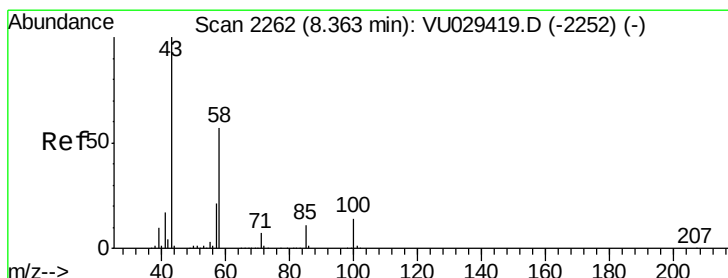
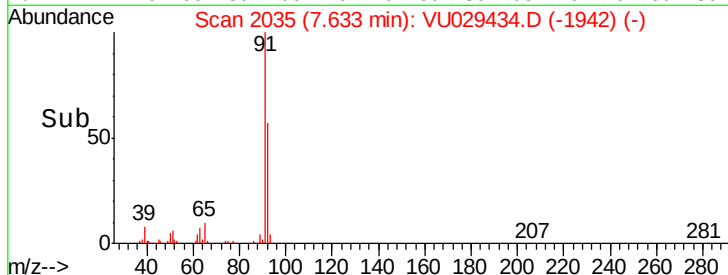
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 3.077 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029434.D

Acq: 12 Feb 2019 20:53

Tgt Ion: 43 Resp: 17462

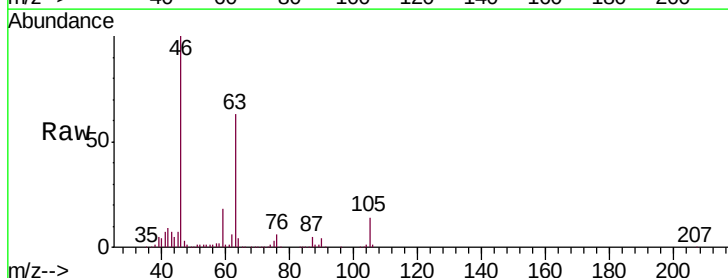
Ion Ratio Lower Upper

43 100

58 30.1 45.7 68.5#

57 24.3 16.4 24.6

100 0.0 11.1 16.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

8.31

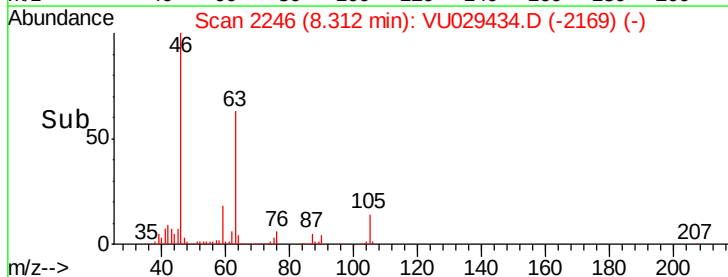
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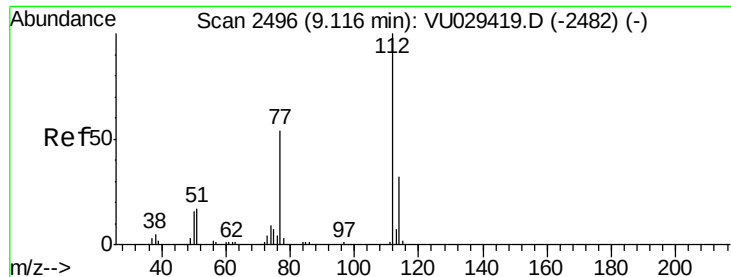
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0

Time-->

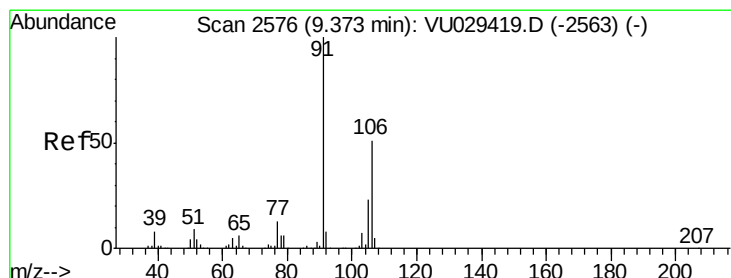
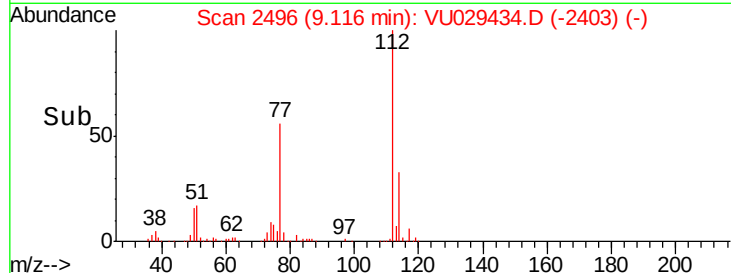
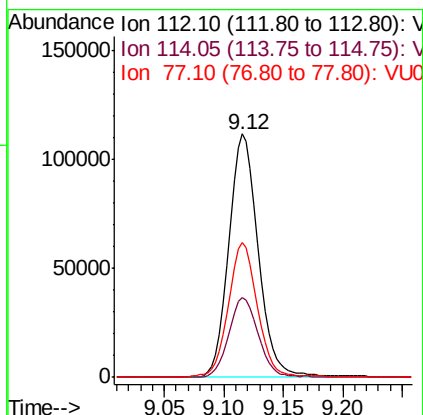
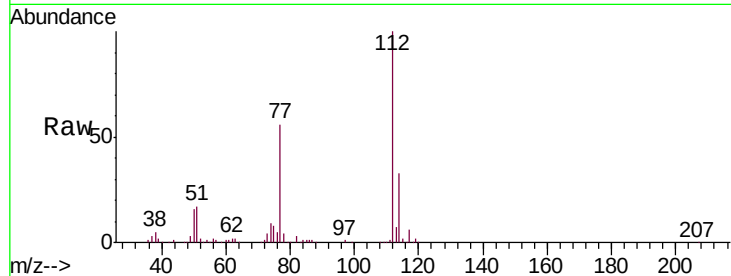




#51
Chlorobenzene
Concen: 4.600 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029434.D
Acq: 12 Feb 2019 20:53

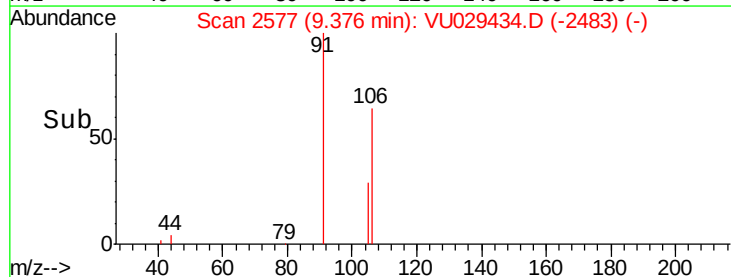
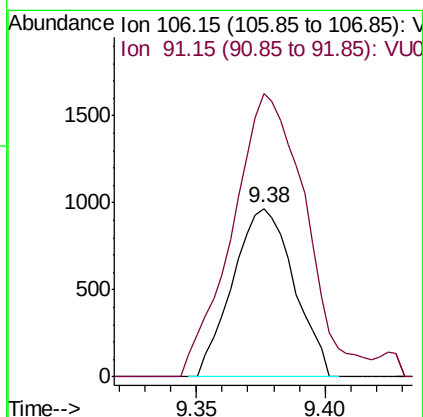
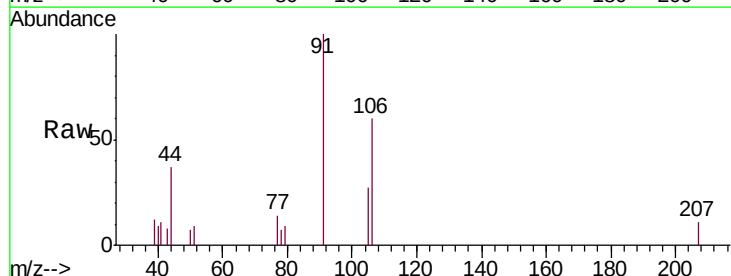
Instrument :
MSVOA_U
ClientSampleId :
ESXB3MSD

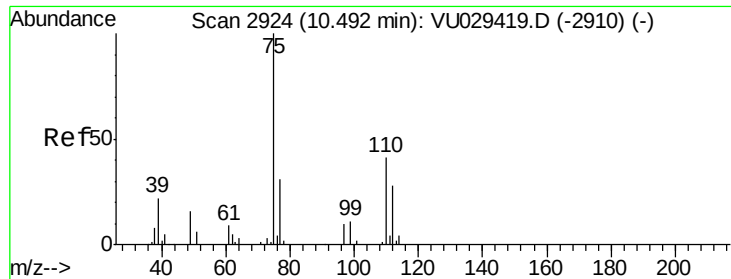
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.9	42.5
77	55.5	41.8	62.6



#53
m,p-xylene
Concen: 0.059 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029434.D
Acq: 12 Feb 2019 20:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	167.9	135.7	251.9





#59
 1,2,3-Trichloropropane
 Concen: 1.147 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029434.D
 Acq: 12 Feb 2019 20:53

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MSD

Tgt Ion: 75 Resp: 9935
 Ion Ratio Lower Upper
 75 100
 77 41.1 28.2 42.2

