

Data File : VU029531.D
Acq On : 18 Feb 2019 15:45
Operator : JC/SP
Sample : K1522-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Quant Time: Feb 19 00:24:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	207858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54945	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	52834	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.27	63	90279	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.19	46	145182	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.65	84	94226	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	57084	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	218643	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.33	67	67400	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.56	98	210803	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	26522	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.31	63	149476	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59277	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	93014	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

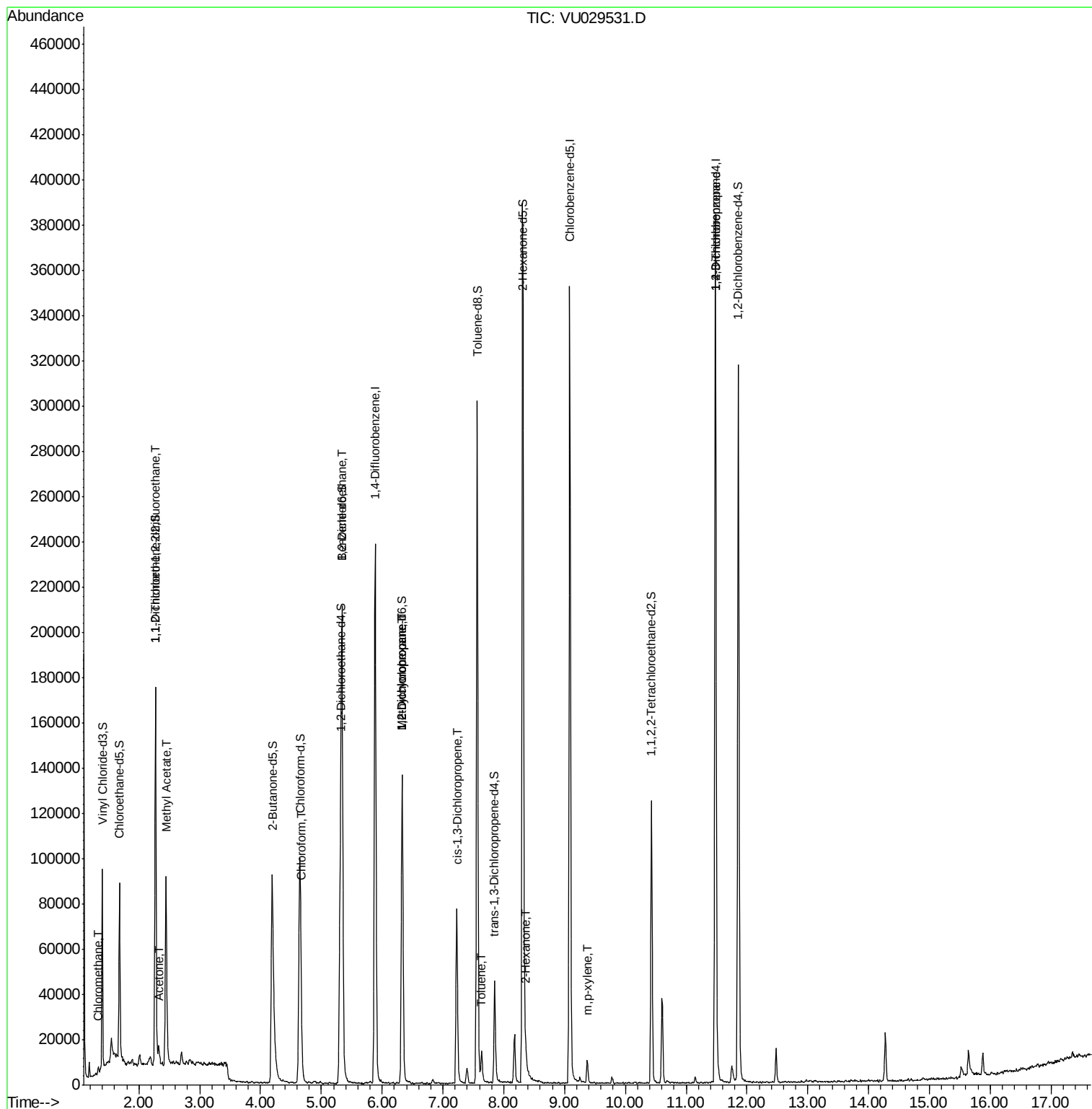
					Qvalue
3) Chloromethane	1.33	50	1384	0.079 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	965	0.052 ug/L #	17
13) Acetone	2.32	43	6150	2.275 ug/L	90
15) Methyl Acetate	2.45	43	18605	2.687 ug/L #	47
25) Chloroform	4.67	83	12016	0.426 ug/L	86
27) 1,2-Dichloroethane	5.33	62	1088	0.067 ug/L #	72
35) Methylcyclohexane	6.33	83	16649	0.575 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	7005	0.457 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1979	0.082 ug/L #	77
42) Toluene	7.64	91	10087	0.147 ug/L	95
48) 2-Hexanone	8.36	43	1727	0.268 ug/L #	63
53) m,p-xylene	9.38	106	3089	0.100 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	12538	1.275 ug/L	99

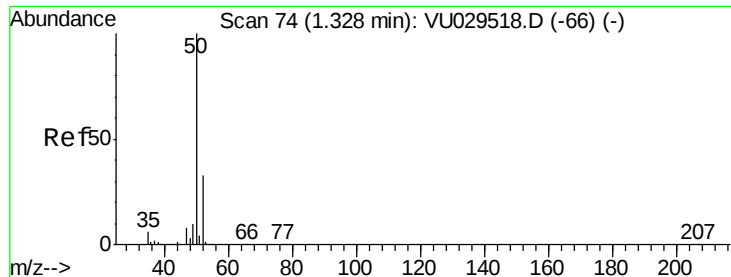
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029531.D

Acq: 18 Feb 2019 15:45

Instrument :

MSVOA_U

ClientSampled :

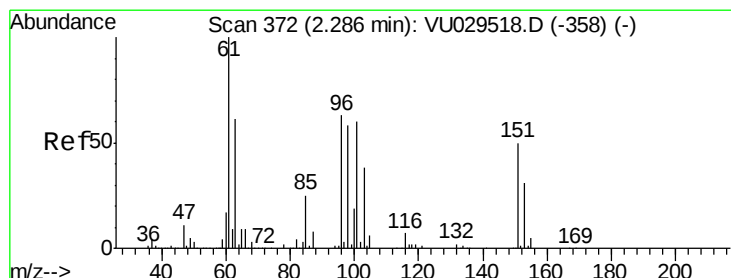
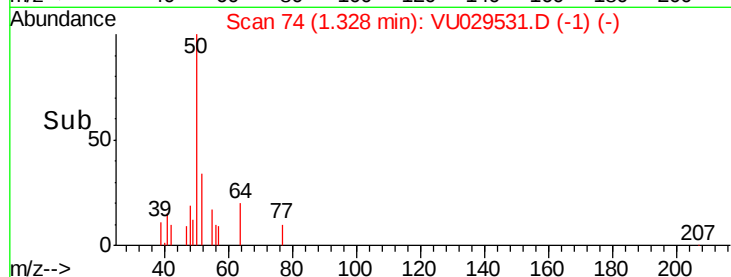
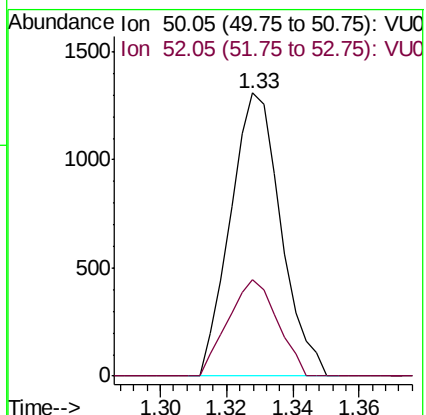
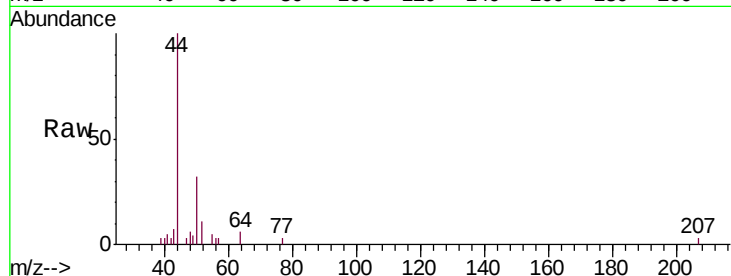
C0AM2

Tgt Ion: 50 Resp: 1384

Ion Ratio Lower Upper

50 100

52 34.1 23.1 42.9



#10

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

Concen: 0.052 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029531.D

Acq: 18 Feb 2019 15:45

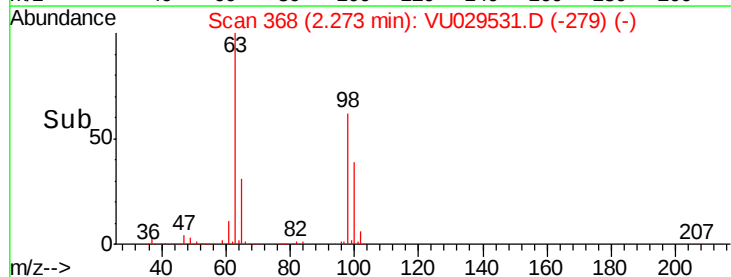
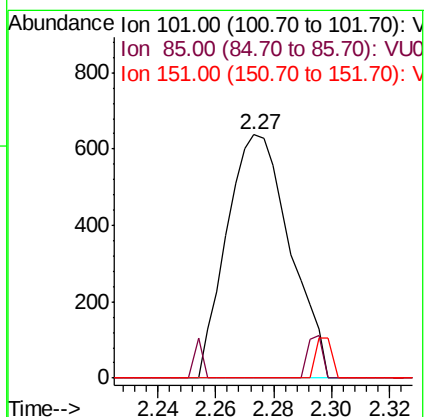
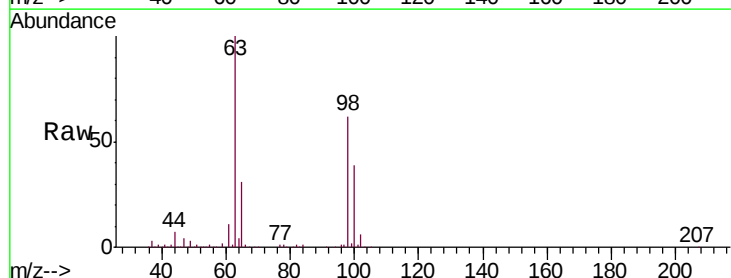
Tgt Ion: 101 Resp: 965

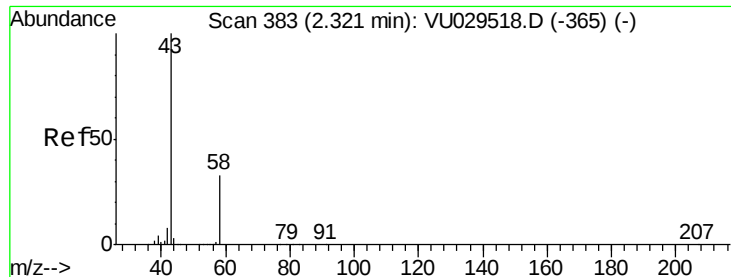
Ion Ratio Lower Upper

101 100

85 2.1 35.1 52.7#

151 0.0 67.0 100.6#





#13

Acetone

Concen: 2.275 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029531.D

Acq: 18 Feb 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

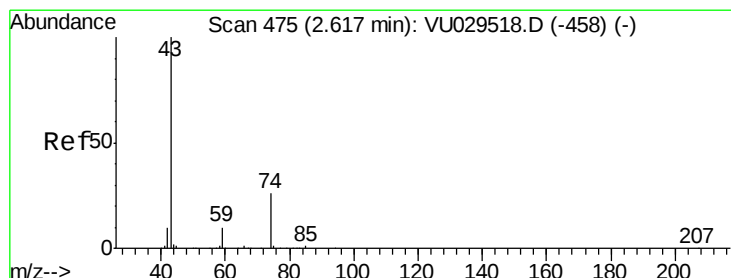
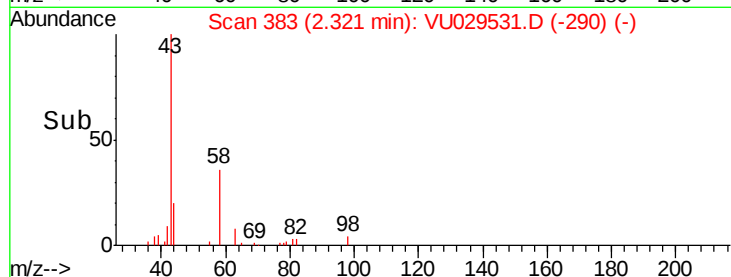
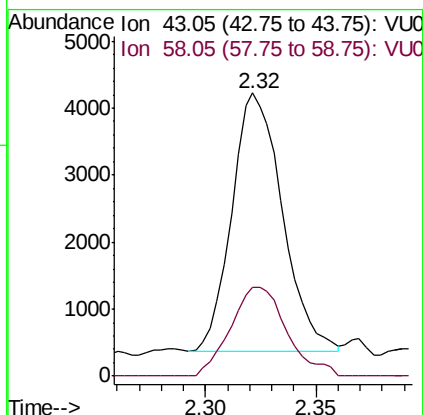
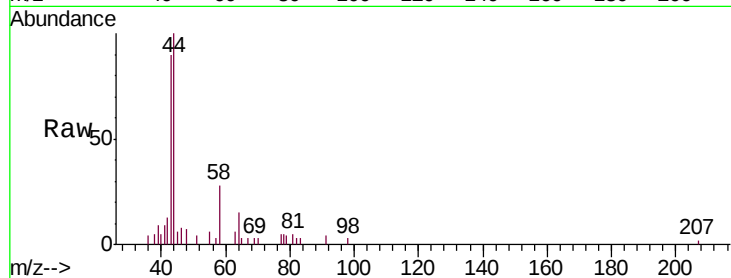
C0AM2

Tgt Ion: 43 Resp: 6150

Ion Ratio Lower Upper

43 100

58 38.1 0.0 65.0



#15

Methyl Acetate

Concen: 2.687 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU029531.D

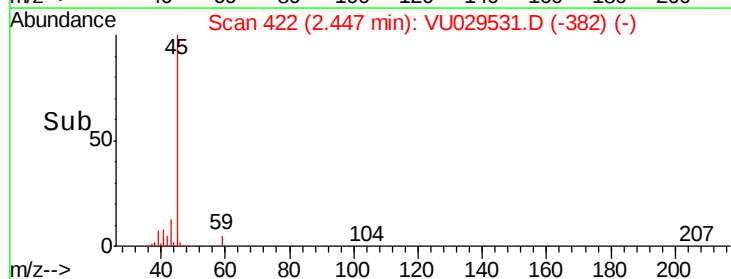
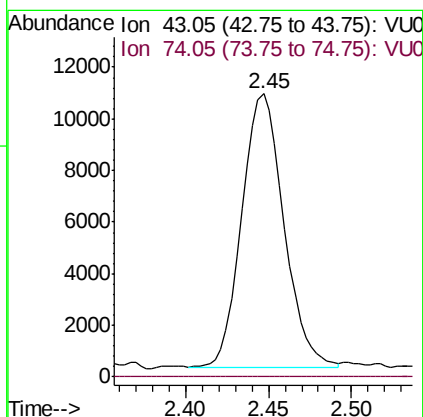
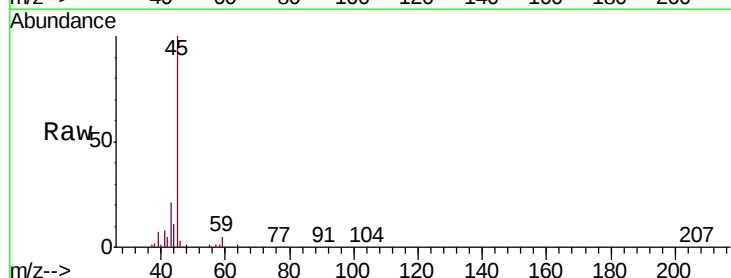
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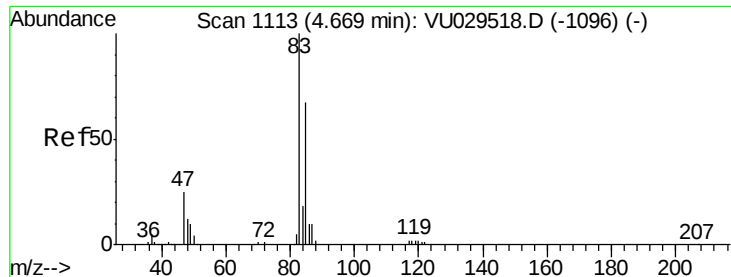
Tgt Ion: 43 Resp: 18605

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#

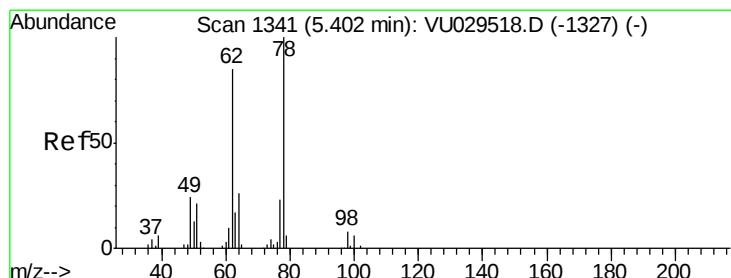
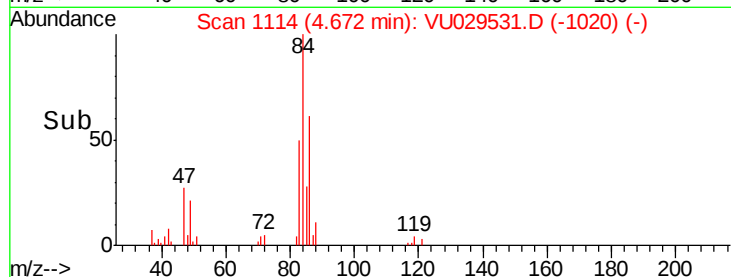
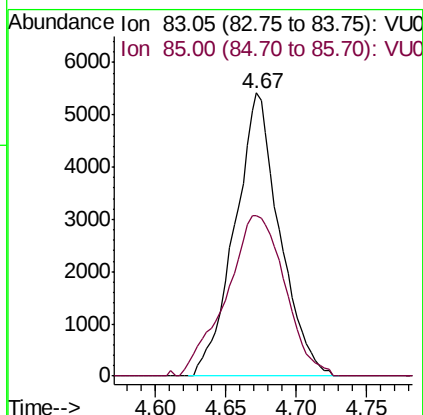
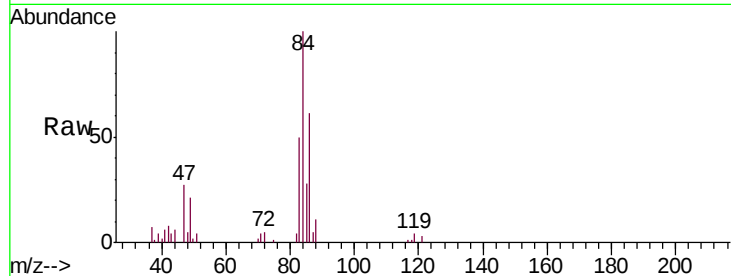




#25
Chloroform
Concen: 0.426 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

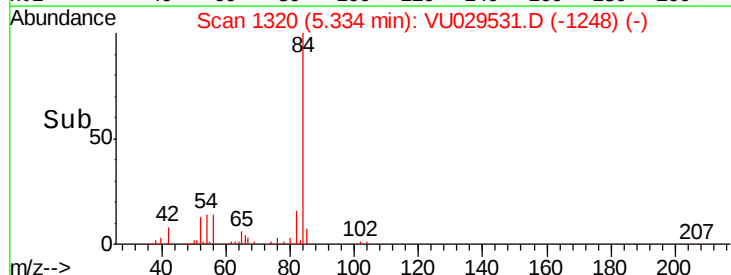
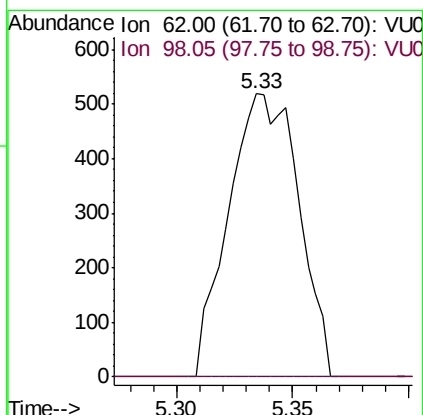
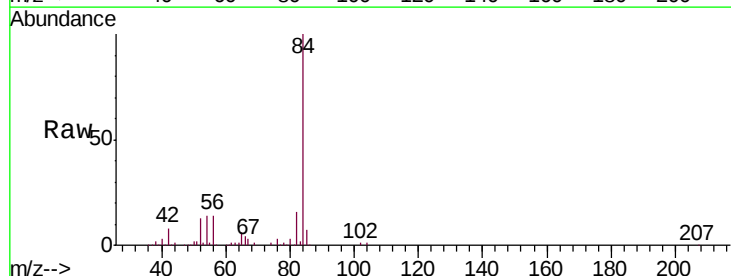
Instrument :
MSVOA_U
ClientSampleId :
C0AM2

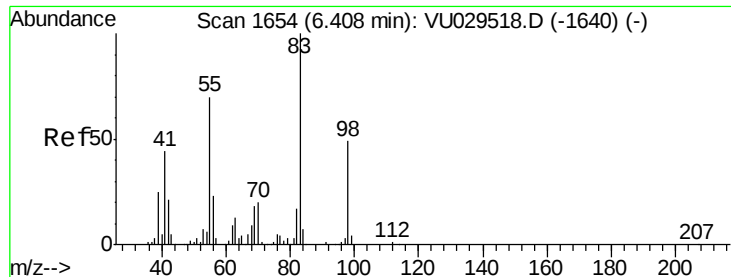
Tgt Ion: 83 Resp: 12016
Ion Ratio Lower Upper
83 100
85 56.8 47.8 88.8



#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.07 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

Tgt Ion: 62 Resp: 1088
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

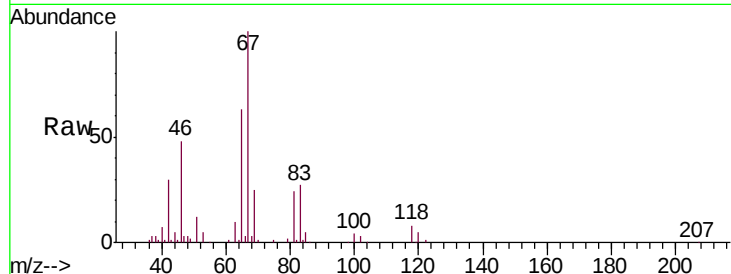




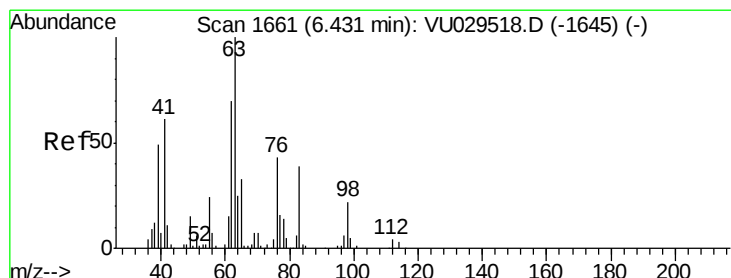
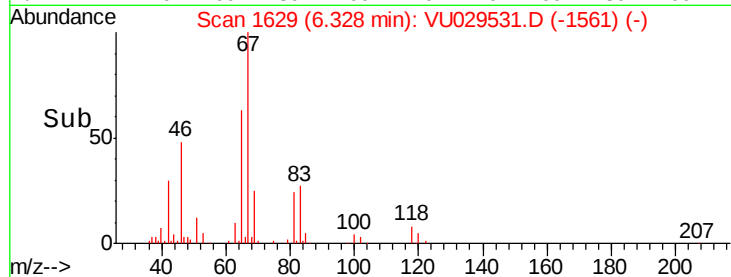
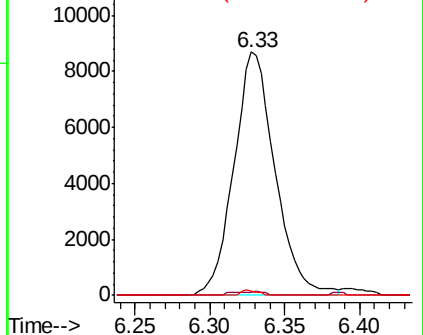
#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion: 83 Resp: 16649
Ion Ratio Lower Upper
83 100
55 0.7 55.9 83.9#
98 0.8 38.6 57.8#

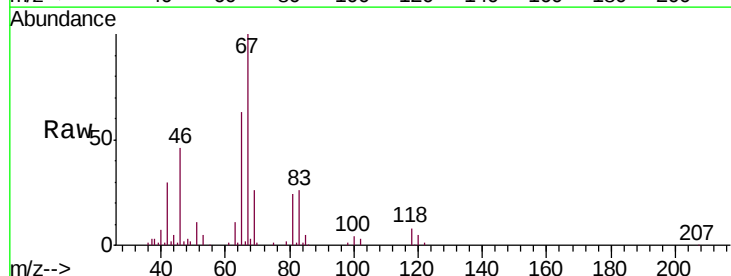


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

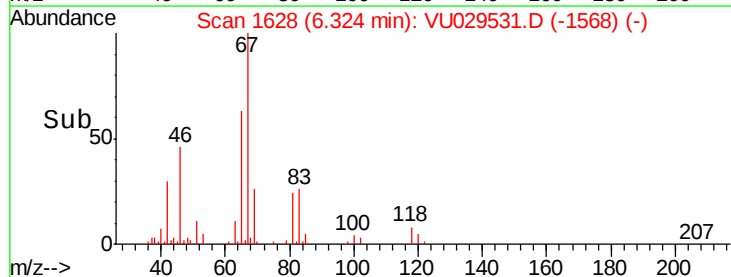
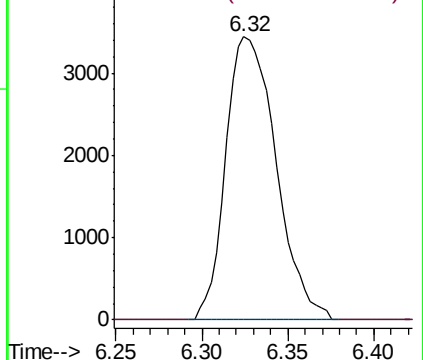


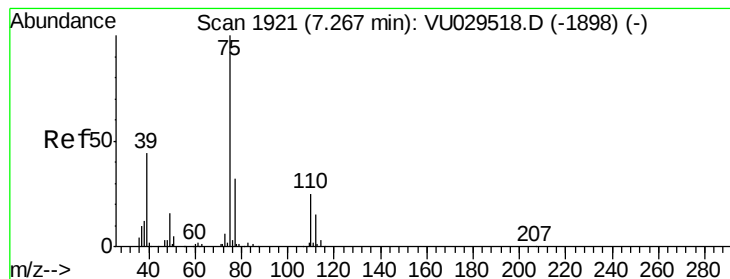
#37
1,2-Dichloropropane
Concen: 0.457 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

Tgt Ion: 63 Resp: 7005
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



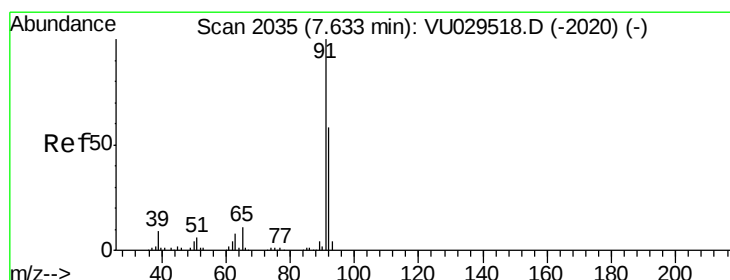
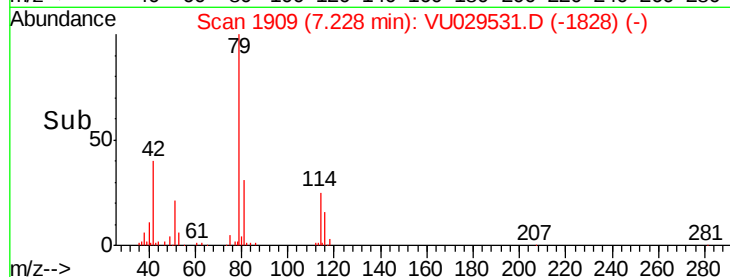
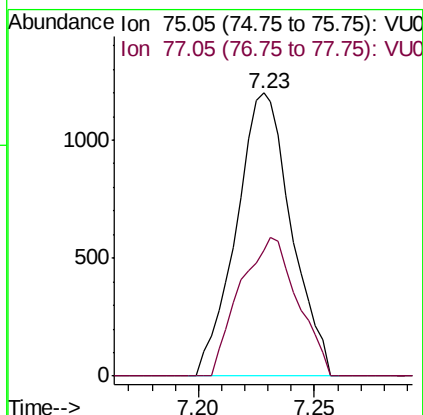
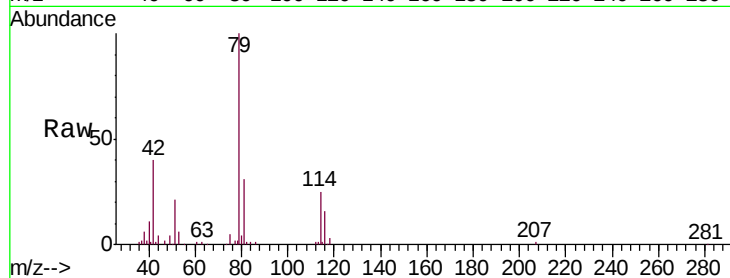


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029531.D
 Acq: 18 Feb 2019 15:45

Instrument :
 MSVOA_U
 ClientSampled :
 C0AM2

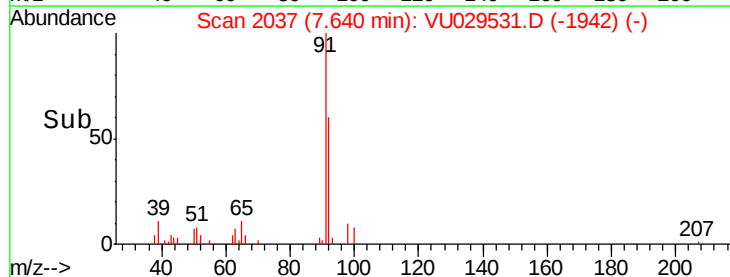
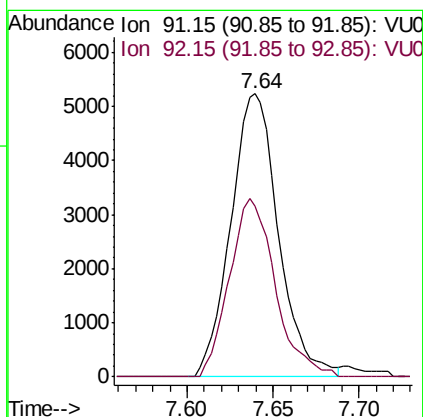
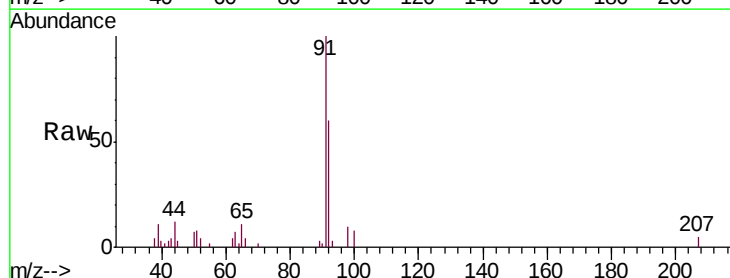
Tgt Ion: 75 Resp: 1979
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.3 41.3#

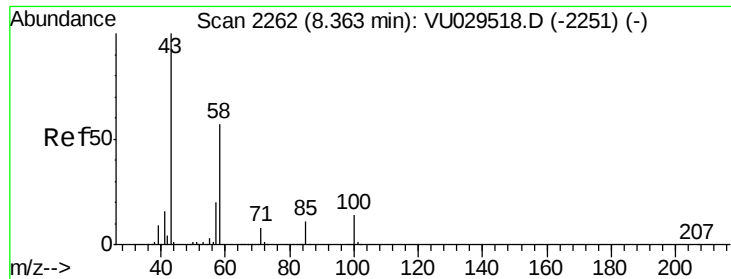


#42

Toluene
 Concen: 0.147 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029531.D
 Acq: 18 Feb 2019 15:45

Tgt Ion: 91 Resp: 10087
 Ion Ratio Lower Upper
 91 100
 92 60.2 39.8 73.8

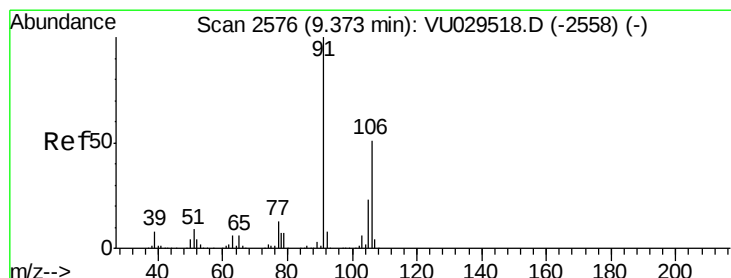
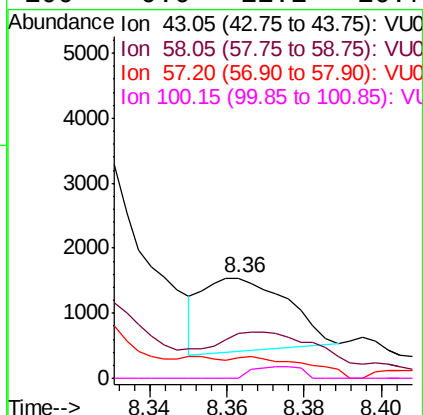
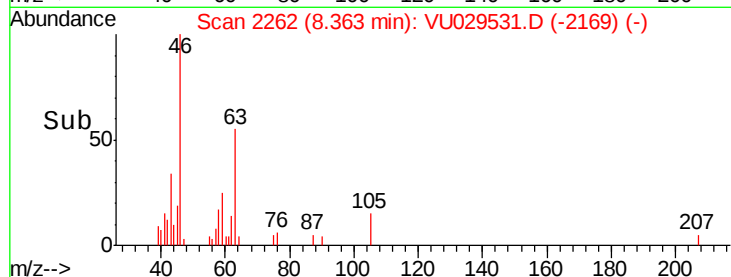
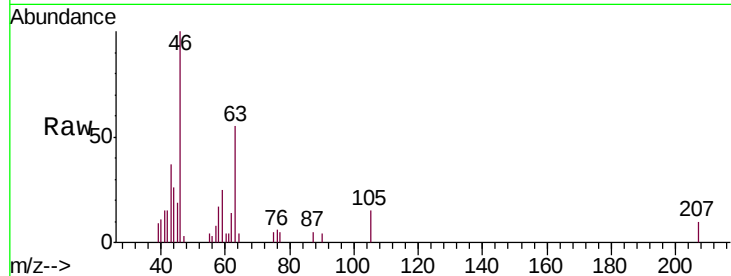




#48
2-Hexanone
Concen: 0.268 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

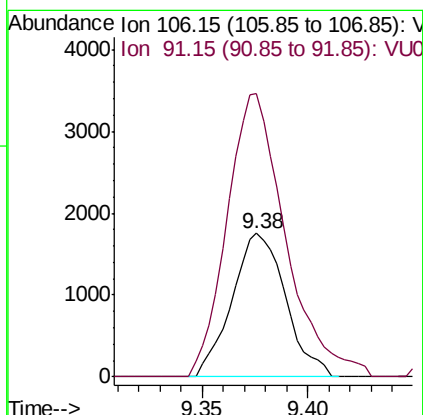
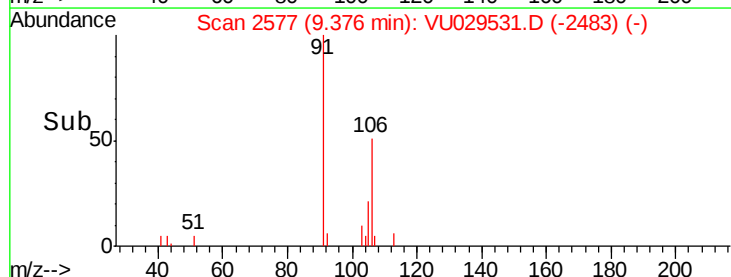
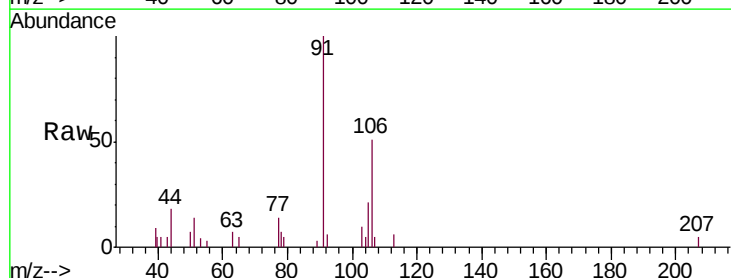
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C0AM2

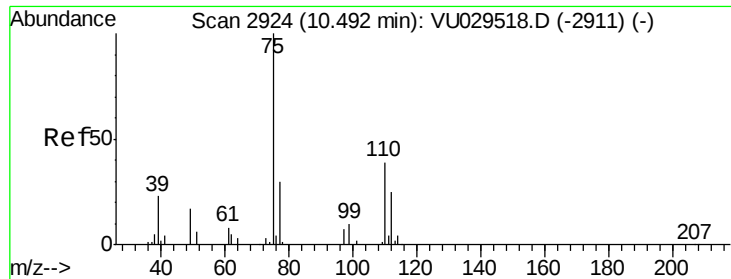
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 96.4 45.7 68.5#
57 24.9 16.4 24.6#
100 9.0 11.1 16.7#



#53
m,p-xylene
Concen: 0.100 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029531.D
Acq: 18 Feb 2019 15:45

Tgt Ion: 106 Resp: 3089
Ion Ratio Lower Upper
106 100
91 197.4 135.7 251.9





#59

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029531.D

Acq: 18 Feb 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

C0AM2

Tgt Ion: 75 Resp: 12538

Ion Ratio Lower Upper

75 100

77 35.8 28.2 42.2

