

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032549.D
 Acq On : 08 Jun 2019 17:48
 Operator : JC/SP
 Sample : K3276-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8E3

Quant Time: Jun 08 23:16:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74367	55.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.70%
7) Chloroethane-d5	1.68	69	57279	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.10%
11) 1,1-Dichloroethene-d2	2.27	63	106313	40.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
21) 2-Butanone-d5	4.17	46	118449	105.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.35%
24) Chloroform-d	4.64	84	126892	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.30	65	85244	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.33	84	272377	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.32	67	84693	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.90%
41) Toluene-d8	7.56	98	251126	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%
43) trans-1,3-Dichloropropene-	7.85	79	39965	52.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.40%
47) 2-Hexanone-d5	8.31	63	78605	102.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117289	51.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	102225	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	956	0.755	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	810	0.659	ug/L #	1
13) Acetone	2.32	43	4880	4.207	ug/L	67
15) Methyl Acetate	2.44	43	2129	1.285	ug/L #	53
27) 1,2-Dichloroethane	5.33	62	1604	0.810	ug/L #	75
33) Benzene	5.33	78	2148	0.393	ug/L	100
34) Trichloroethene	6.18	95	189093	127.073	ug/L	100
35) Methylcyclohexane	6.32	83	19654	8.159	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	9609	6.627	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2627	1.148	ug/L #	56
40) 4-Methyl-2-pentanone	7.56	43	1140	0.489	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1841	0.907	ug/L	98
46) Tetrachloroethene	8.23	164	581	0.473	ug/L	90
48) 2-Hexanone	8.36	43	4772	2.491	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	11301	5.996	ug/L #	86

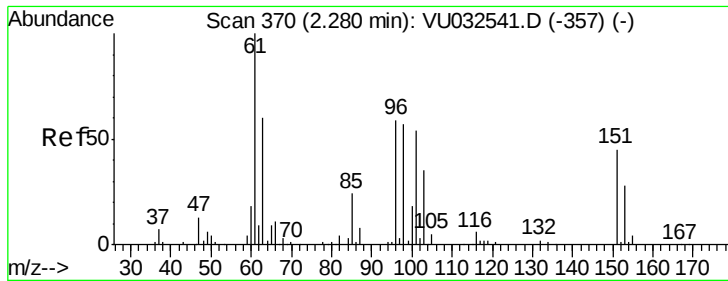
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
Data File : VU032549.D
Acq On : 08 Jun 2019 17:48
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Jun 08 23:16:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration

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

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



#10

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

Concen: 0.755 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

DB8E3

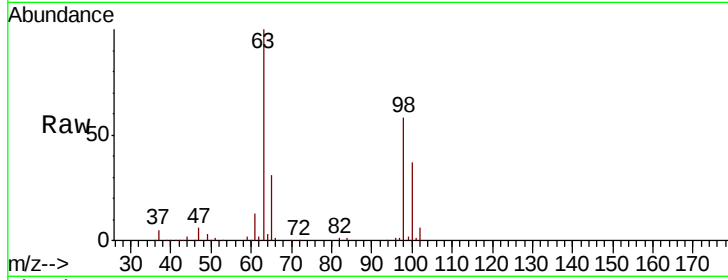
Tgt Ion: 101 Resp: 956

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



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

2.27

600

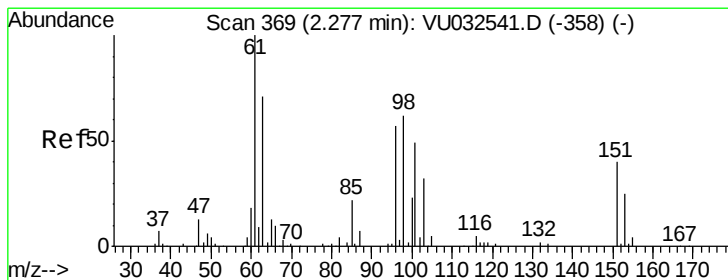
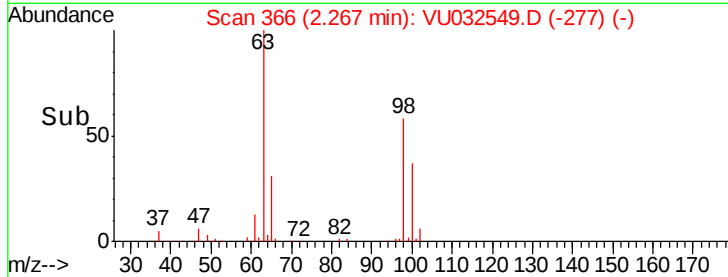
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

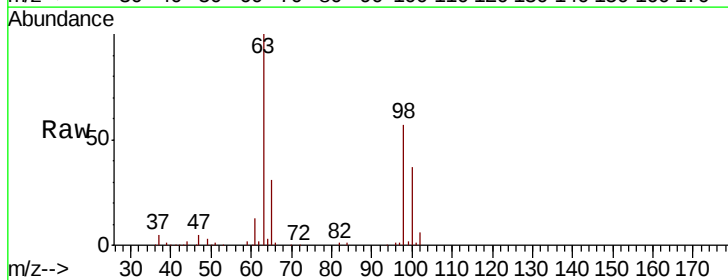
Tgt Ion: 96 Resp: 810

Ion Ratio Lower Upper

96 100

61 1709.4 129.5 240.5#

63 13510.8 103.4 192.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

80000

60000

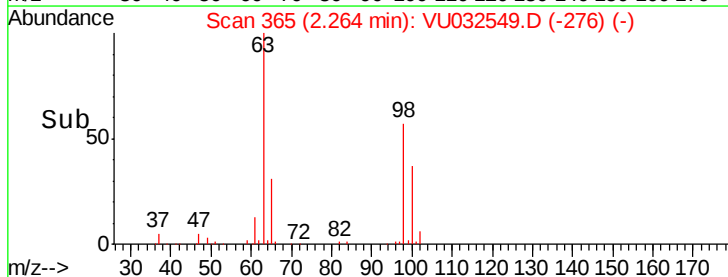
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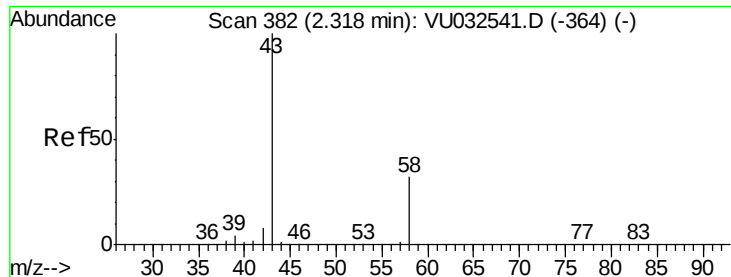
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 4.207 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

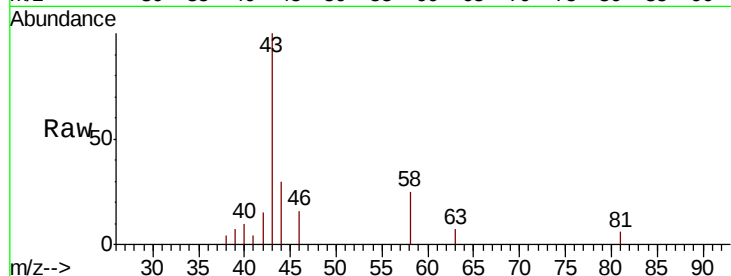
DB8E3

Tgt Ion: 43 Resp: 4880

Ion Ratio Lower Upper

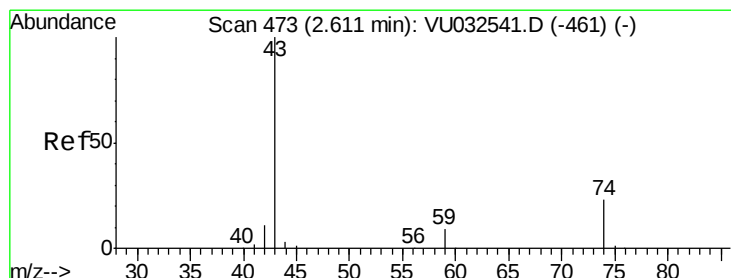
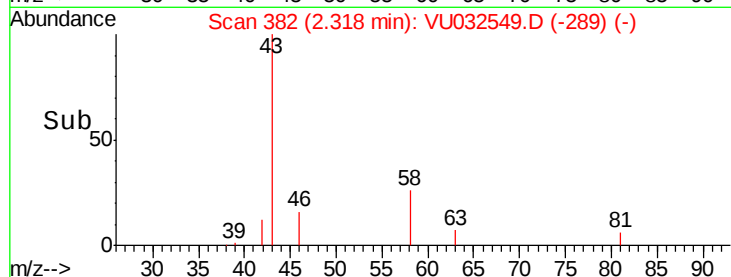
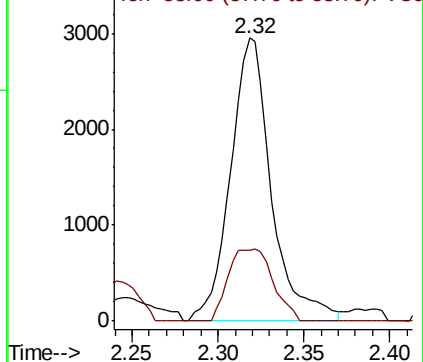
43 100

58 13.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 1.285 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.17 min

Lab File: VU032549.D

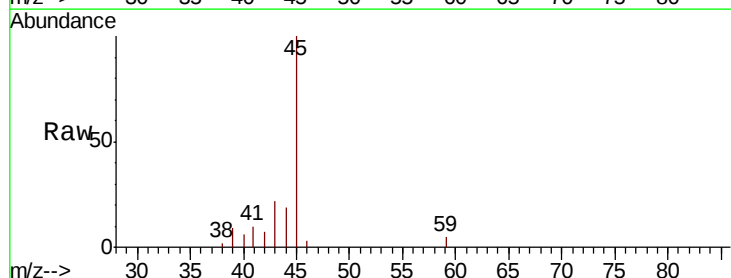
Acq: 08 Jun 2019 17:48

Tgt Ion: 43 Resp: 2129

Ion Ratio Lower Upper

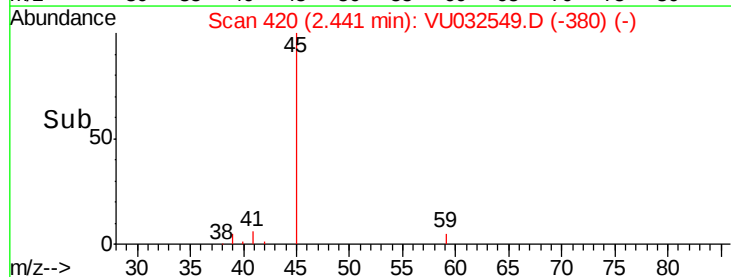
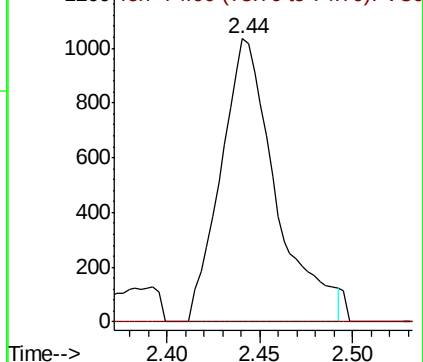
43 100

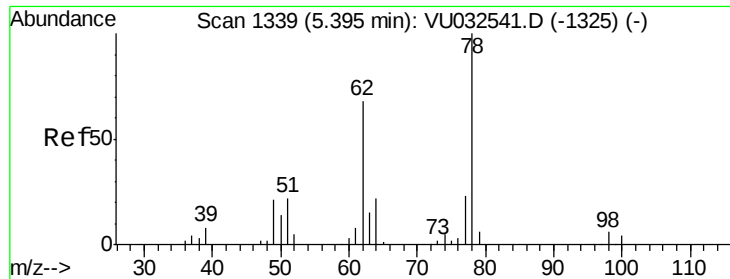
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

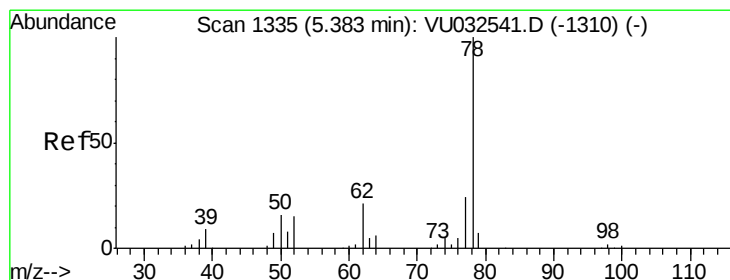
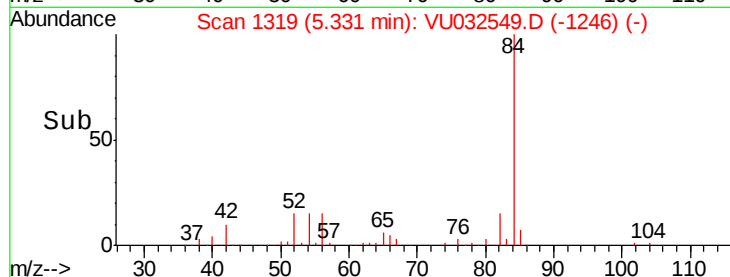
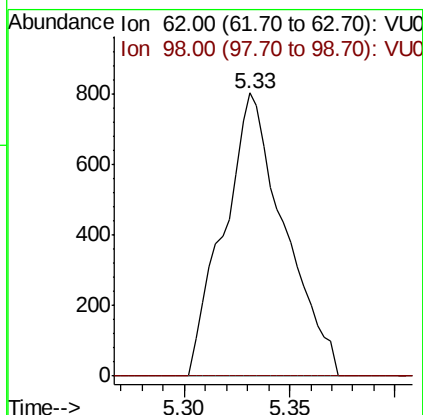
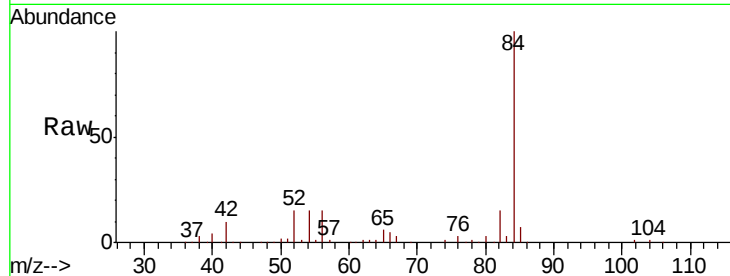




#27
 1,2-Dichloroethane
 Concen: 0.810 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: VU032549.D
 Acq: 08 Jun 2019 17:48

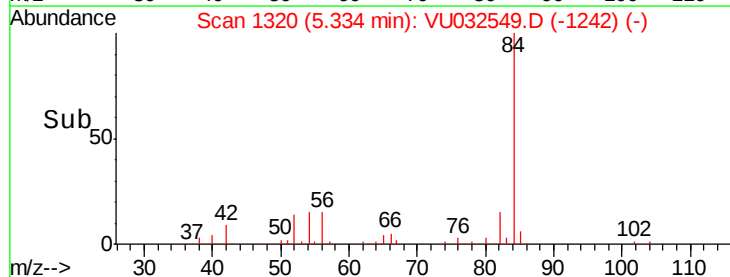
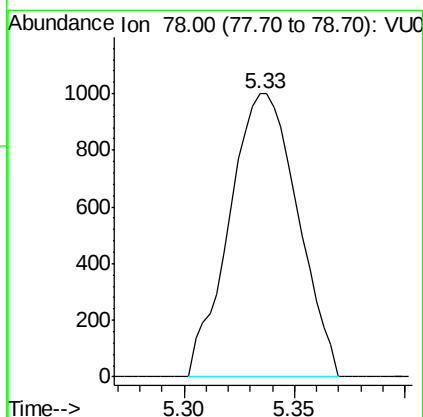
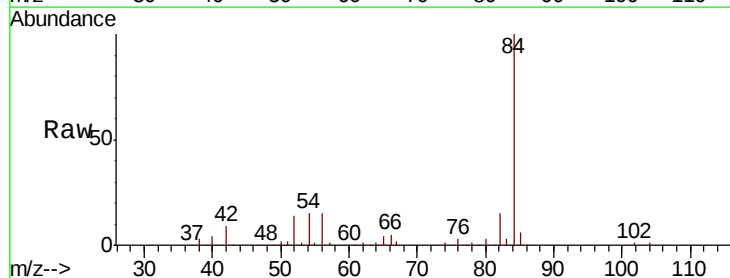
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8E3

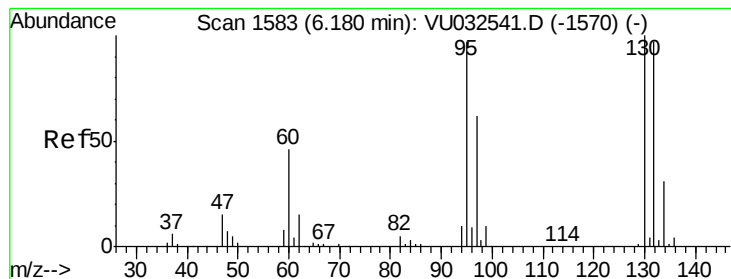
Tgt Ion: 62 Resp: 1604
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#33
 Benzene
 Concen: 0.393 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: VU032549.D
 Acq: 08 Jun 2019 17:48

Tgt Ion: 78 Resp: 2148





#34

Trichloroethene

Concen: 127.073 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

DB8E3

Tgt Ion: 95 Resp: 189093

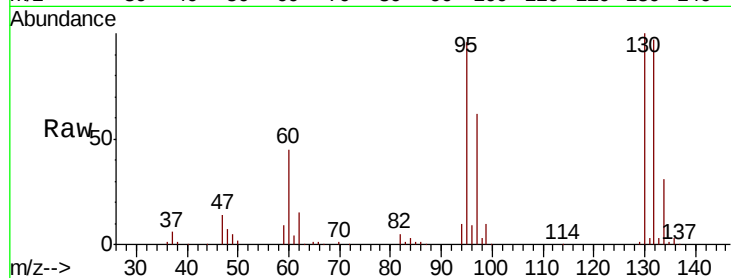
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 101.5 71.0 131.8

130 104.4 73.4 136.2

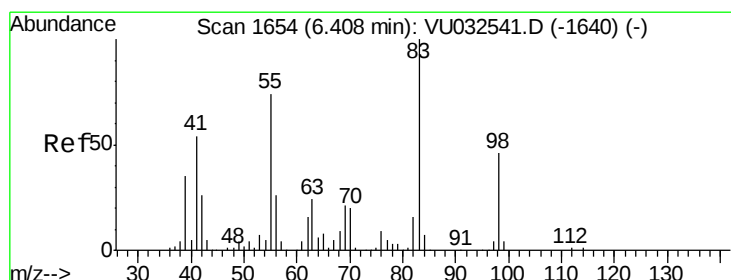
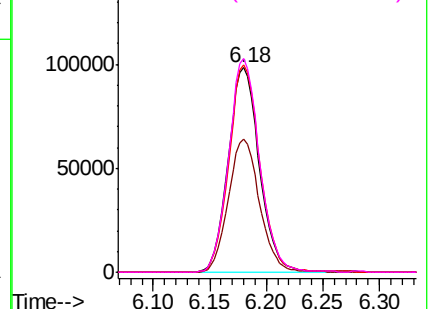
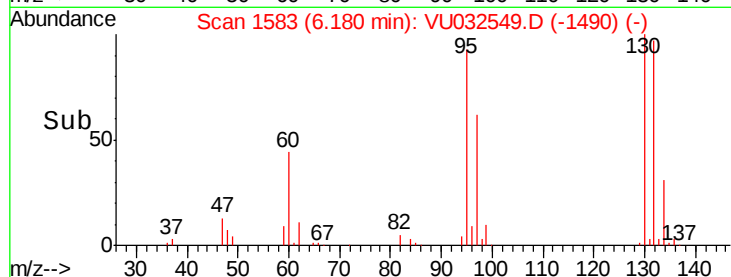


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 8.159 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

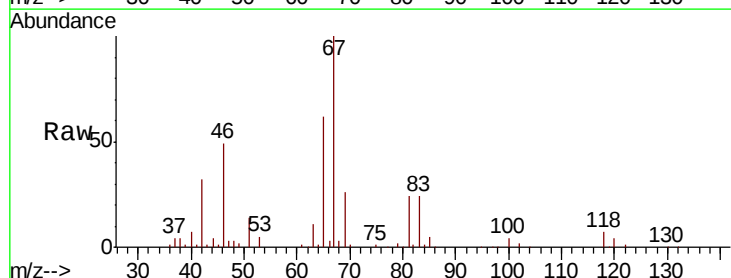
Tgt Ion: 83 Resp: 19654

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

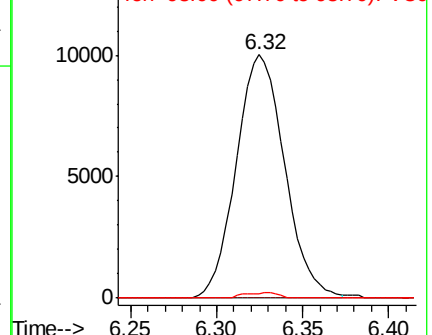
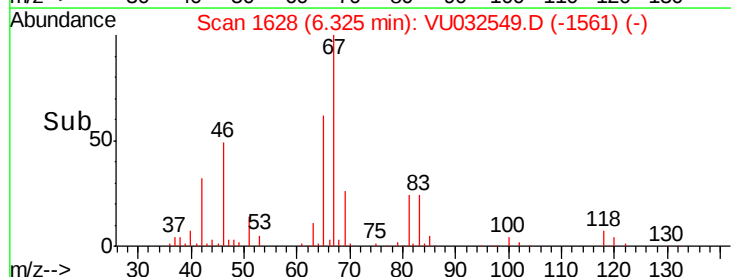
98 1.5 37.4 56.2#

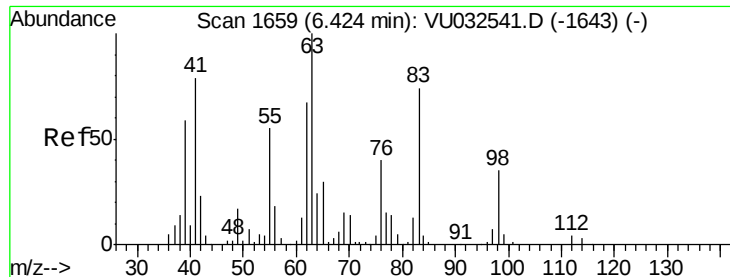


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

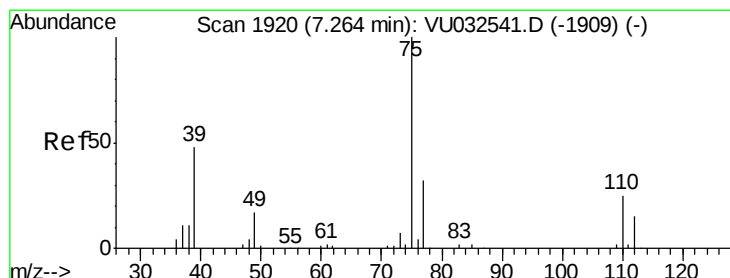
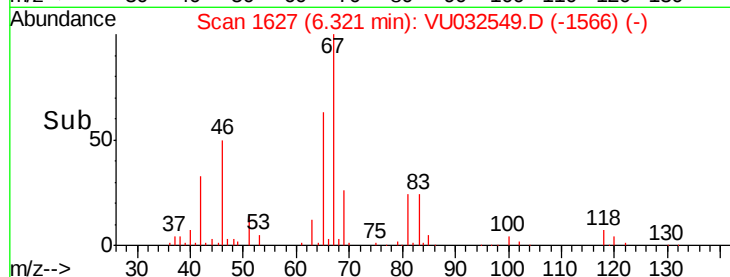
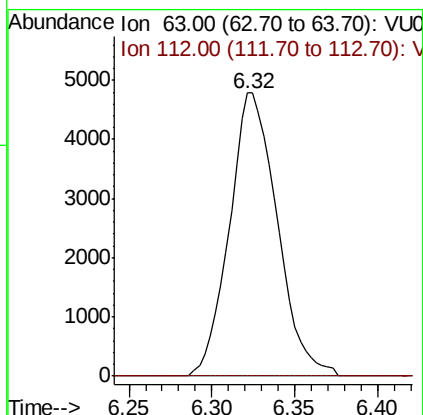
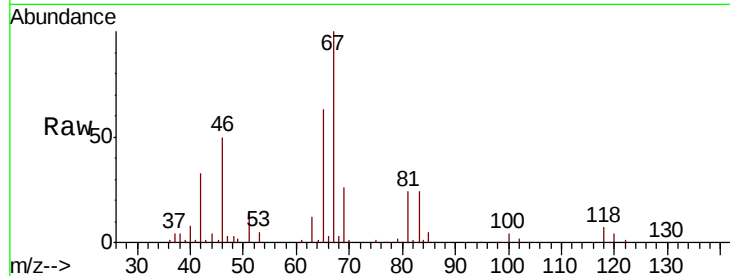




#37
 1,2-Dichloropropane
 Concen: 6.627 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032549.D
 Acq: 08 Jun 2019 17:48

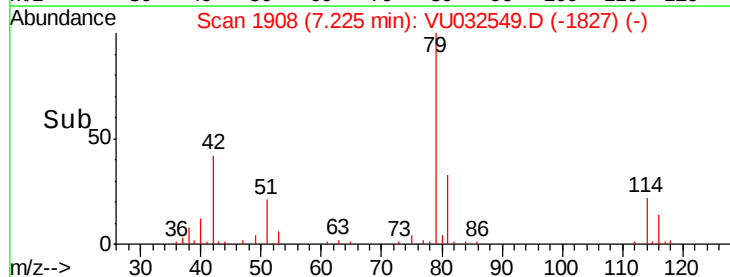
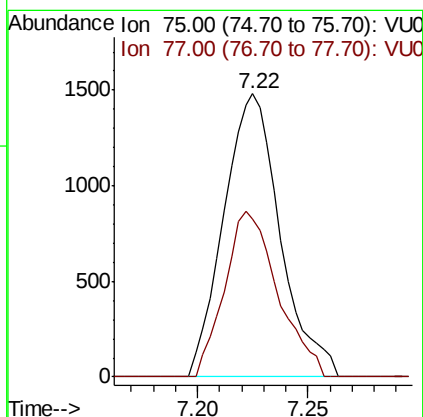
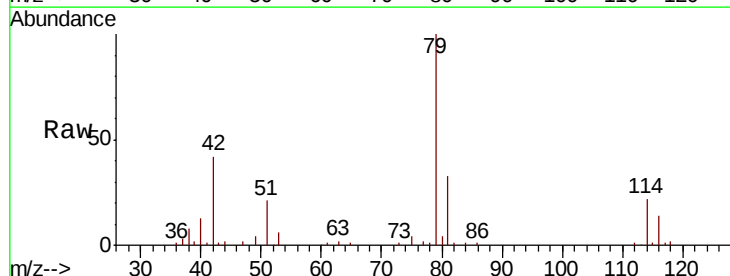
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8E3

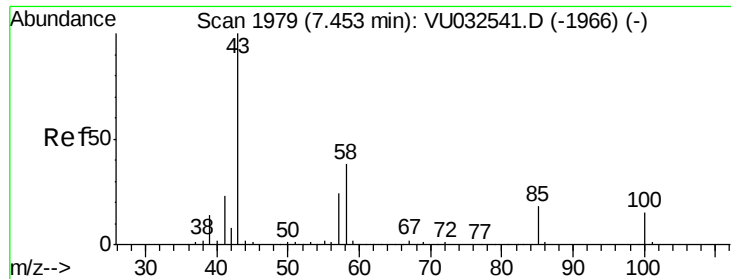
Tgt Ion: 63 Resp: 9609
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.148 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032549.D
 Acq: 08 Jun 2019 17:48

Tgt Ion: 75 Resp: 2627
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.0 41.0#

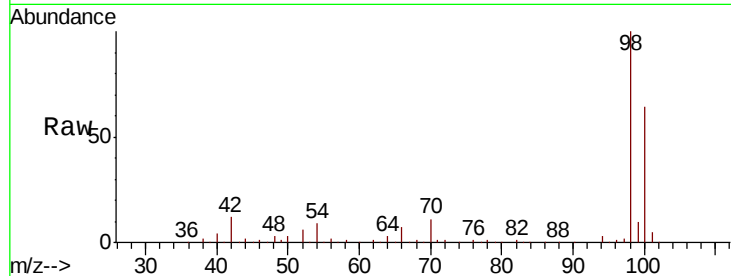




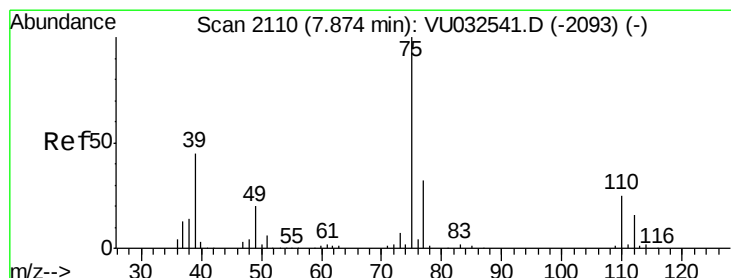
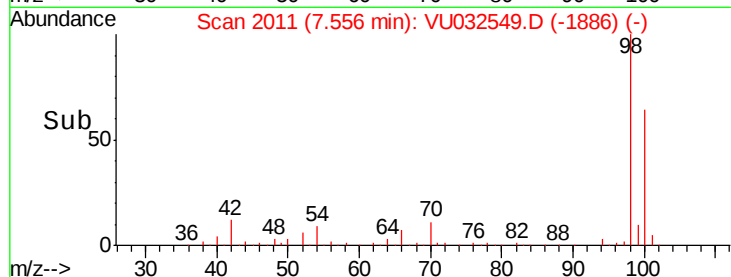
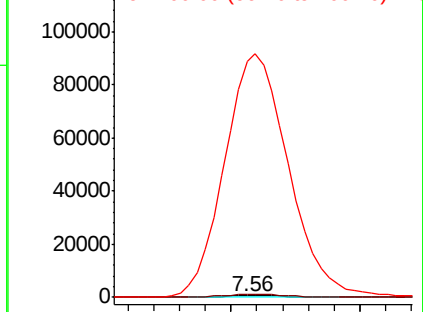
#40
4-Methyl-2-pentanone
Concen: 0.489 ug/L
RT: 7.56 min Scan# 2011
Delta R.T. 0.10 min
Lab File: VU032549.D
Acq: 08 Jun 2019 17:48

Instrument :
MSVOA_U
ClientSampleId :
DB8E3

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 176.0 30.8 46.2#
100 14027.0 12.1 18.1#

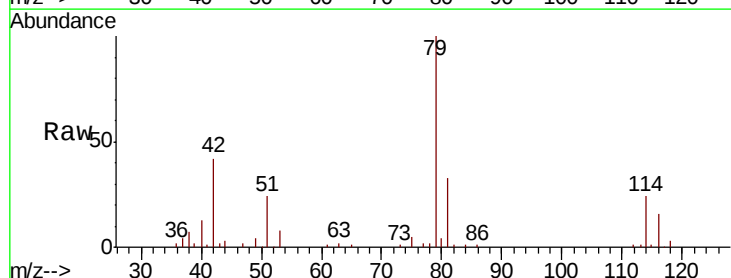


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

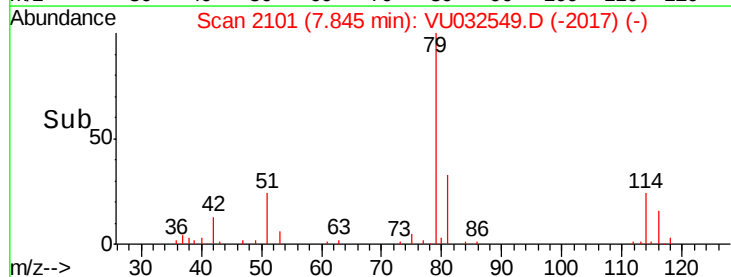
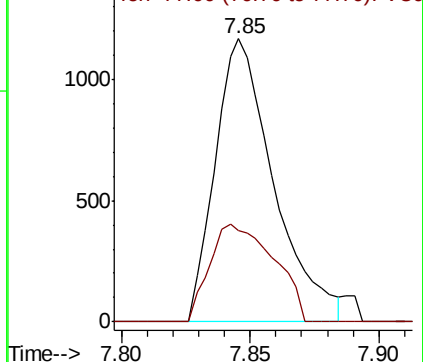


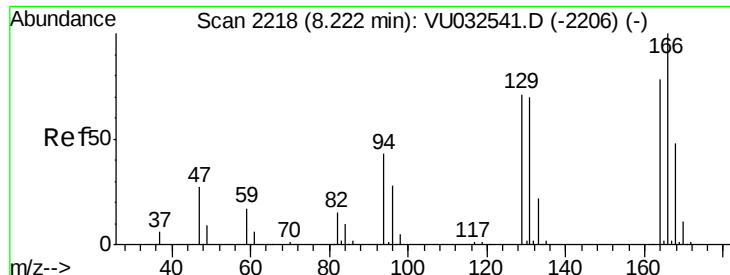
#44
trans-1,3-Dichloropropene
Concen: 0.907 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032549.D
Acq: 08 Jun 2019 17:48

Tgt Ion: 75 Resp: 1841
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

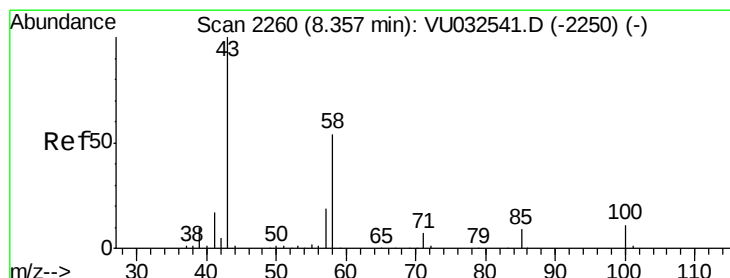
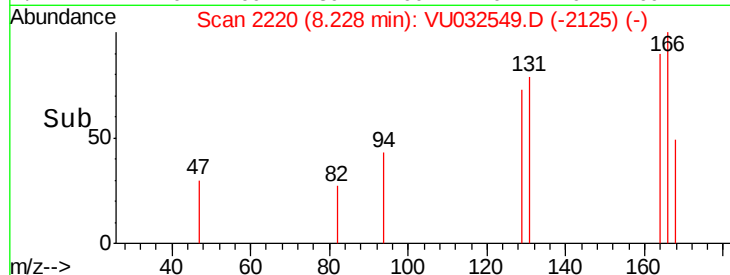
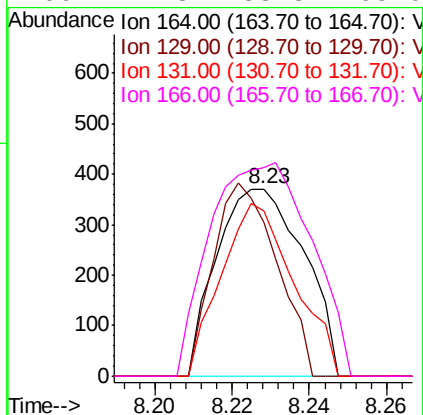
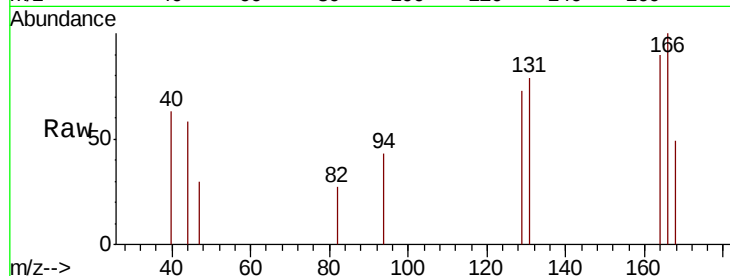




#46
Tetrachloroethene
Concen: 0.473 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032549.D
Acq: 08 Jun 2019 17:48

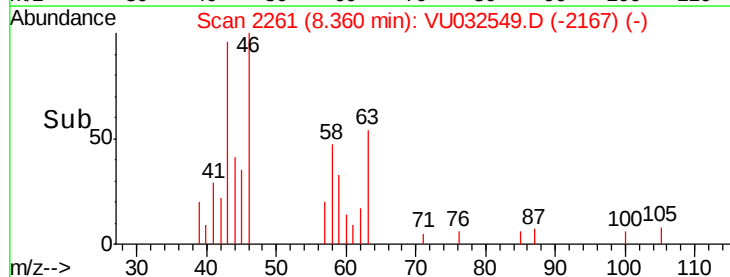
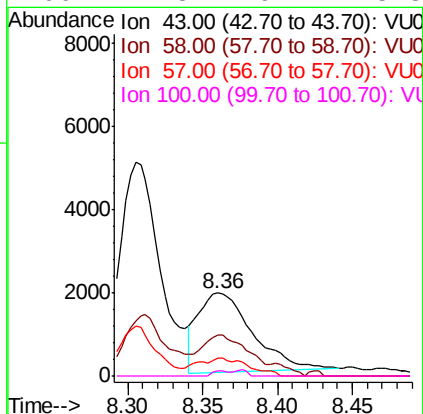
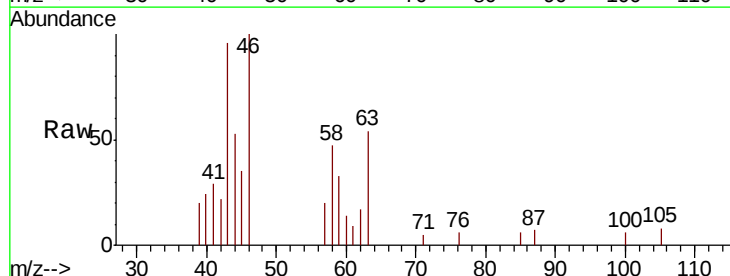
Instrument :
MSVOA_U
ClientSampleId :
DB8E3

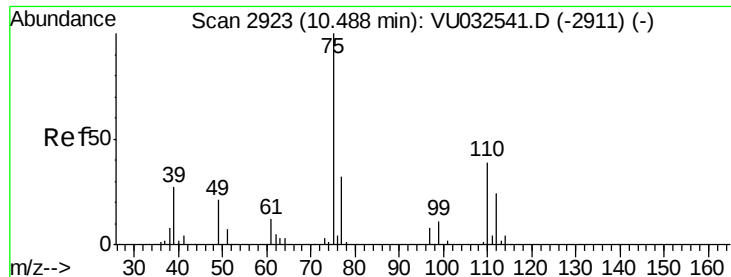
Tgt Ion: 164 Resp: 581
Ion Ratio Lower Upper
164 100
129 81.7 65.3 121.3
131 87.9 64.0 119.0
166 111.3 88.8 165.0



#48
2-Hexanone
Concen: 2.491 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032549.D
Acq: 08 Jun 2019 17:48

Tgt Ion: 43 Resp: 4772
Ion Ratio Lower Upper
43 100
58 30.0 42.0 63.0#
57 1.7 14.6 22.0#
100 1.8 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.996 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032549.D

Acq: 08 Jun 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

DB8E3

Tgt Ion: 75 Resp: 11301

Ion Ratio Lower Upper

75 100

77 39.7 25.6 38.4#

