

Data File : VU032056.D
Acq On : 16 May 2019 18:10
Operator : JC/SP
Sample : K2739-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB894

Quant Time: May 17 07:21:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72130	2.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.40%
7) Chloroethane-d5	1.67	69	79613	2.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.80%#
11) 1,1-Dichloroethene-d2	2.27	63	112899	2.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.60%#
20) 2-Butanone-d5	4.19	46	287870	46.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.64	84	205180	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.31	65	107650	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
32) Benzene-d6	5.33	84	369682	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.40%#
36) 1,2-Dichloropropane-d6	6.32	67	124181	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.60%
41) Toluene-d8	7.56	98	292771	2.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.00%#
43) trans-1,3-Dichloropropene-	7.85	79	37169	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.31	63	230088	40.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117611	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	120642	3.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.40%#

Target Compounds

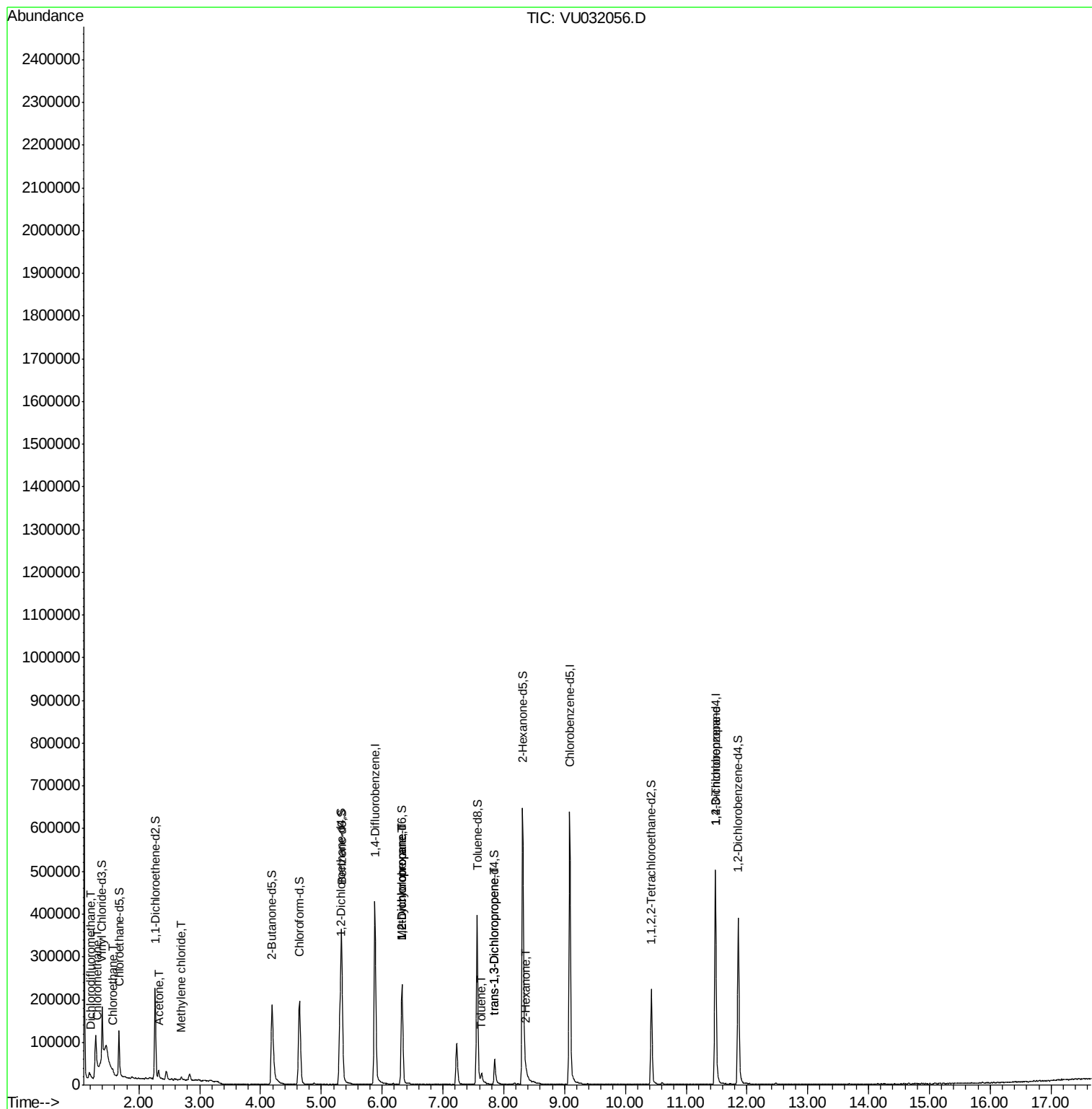
					Qvalue
2) Dichlorodifluoromethane	1.21	85	2320	0.123 ug/L	95
3) Chloromethane	1.33	50	3754	0.208 ug/L	84
8) Chloroethane	1.59	64	2247	0.191 ug/L #	53
13) Acetone	2.32	43	17790	8.701 ug/L	95
16) Methylene chloride	2.69	84	2596	0.144 ug/L	80
35) Methylcyclohexane	6.32	83	28823	1.236 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	12429	0.852 ug/L #	87
42) Toluene	7.64	91	17761	0.284 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	1493	0.095 ug/L	91
48) 2-Hexanone	8.38	43	12516	2.386 ug/L #	38
59) 1,2,3-Trichloropropane	11.48	75	15613	1.685 ug/L #	78

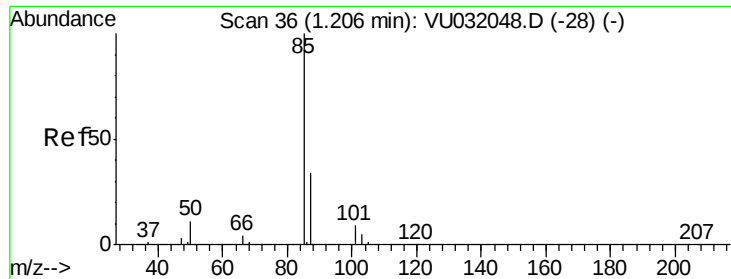
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.123 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

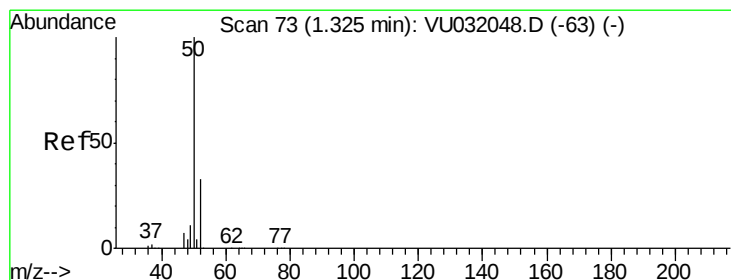
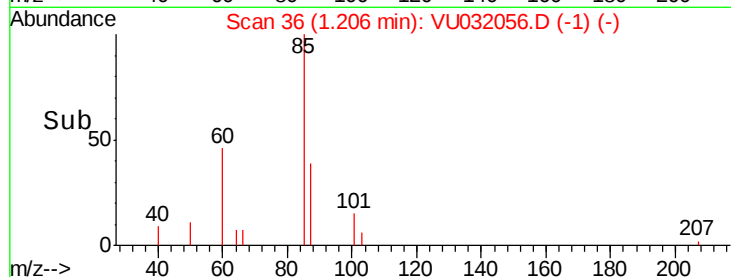
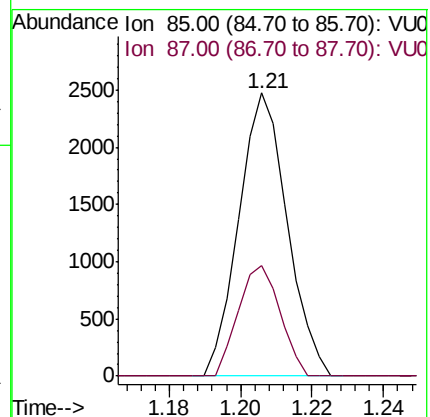
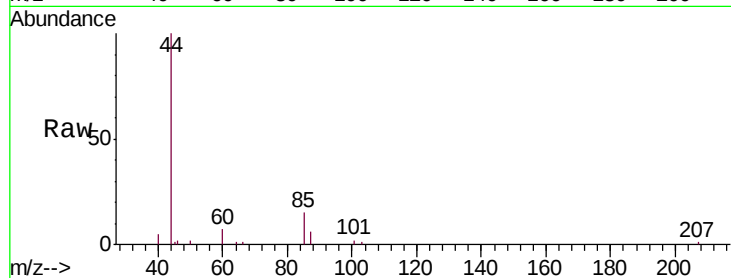
DB894

Tgt Ion: 85 Resp: 2320

Ion Ratio Lower Upper

85 100

87 33.7 24.8 37.2



#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032056.D

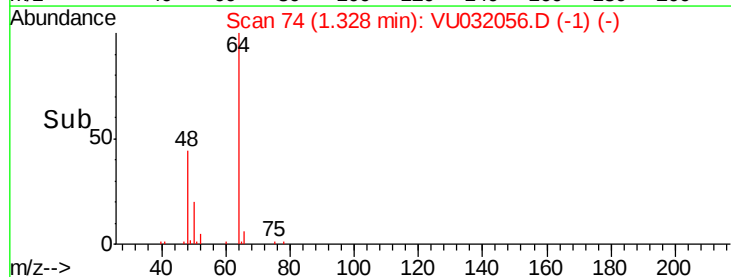
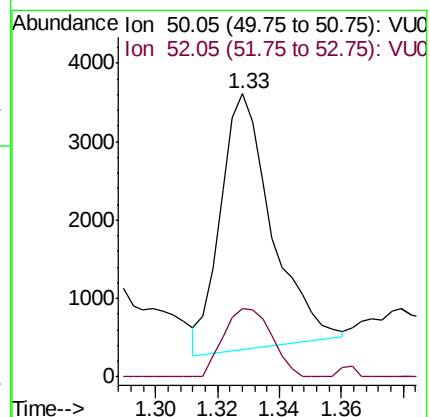
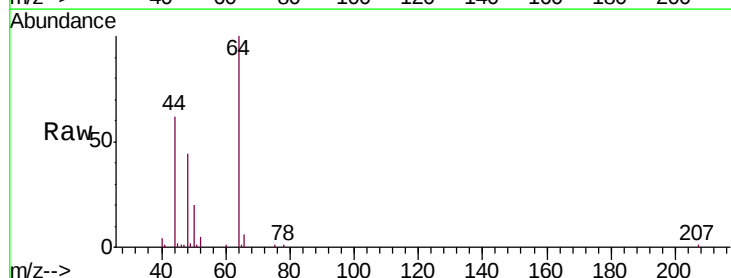
Acq: 16 May 2019 18:10

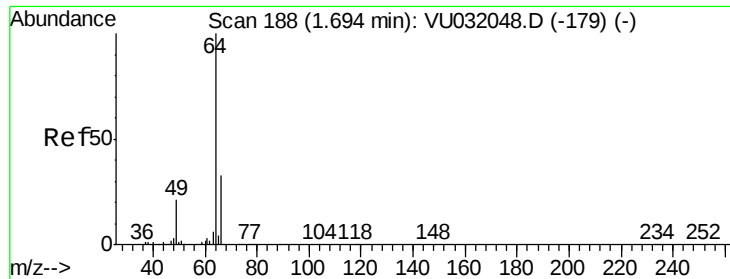
Tgt Ion: 50 Resp: 3754

Ion Ratio Lower Upper

50 100

52 24.2 23.2 43.0





#8

Chloroethane

Concen: 0.191 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.11 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampled :

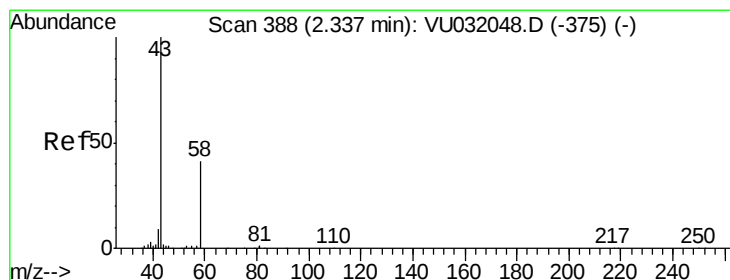
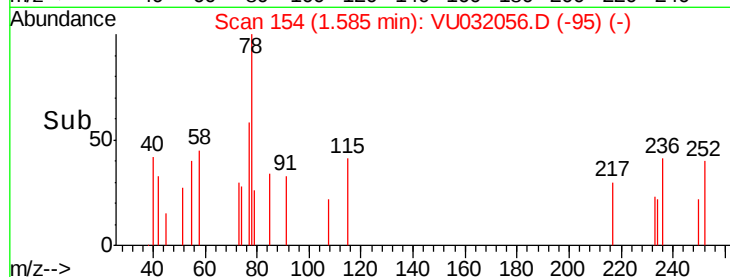
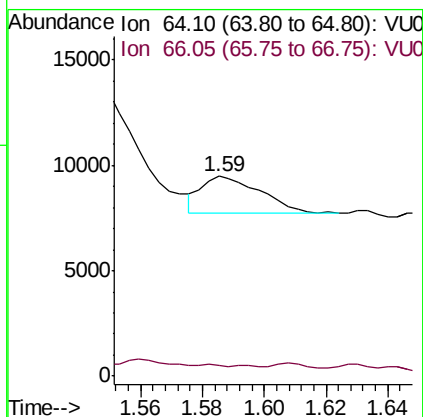
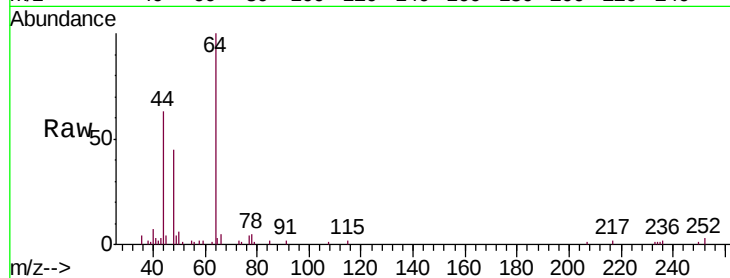
DB894

Tgt Ion: 64 Resp: 2247

Ion Ratio Lower Upper

64 100

66 5.2 22.0 41.0#



#13

Acetone

Concen: 8.701 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032056.D

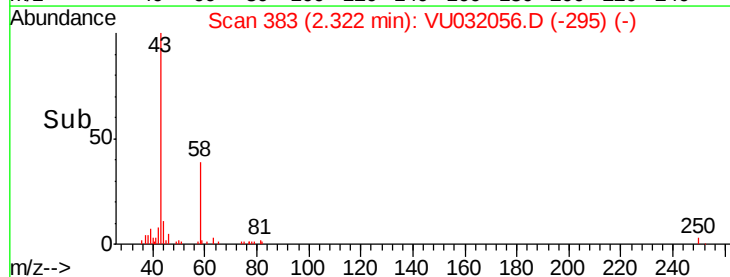
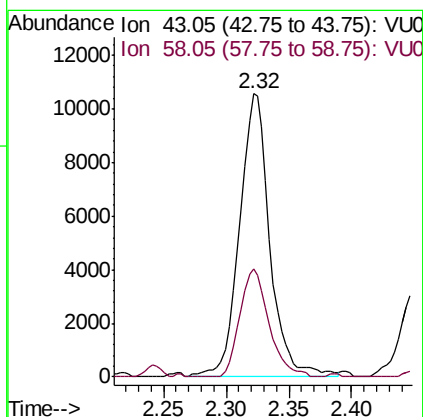
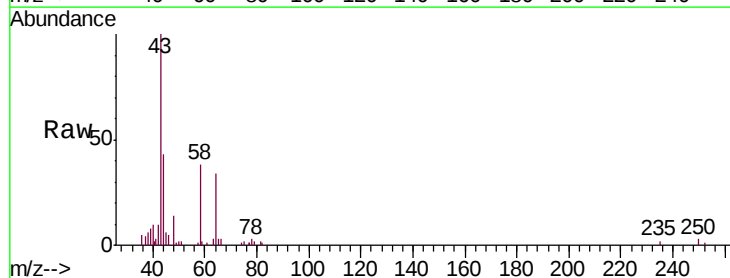
Acq: 16 May 2019 18:10

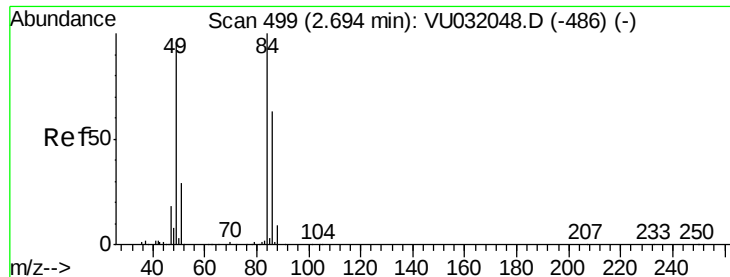
Tgt Ion: 43 Resp: 17790

Ion Ratio Lower Upper

43 100

58 36.4 0.0 78.8

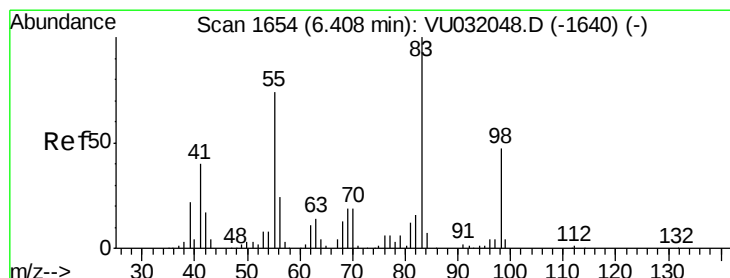
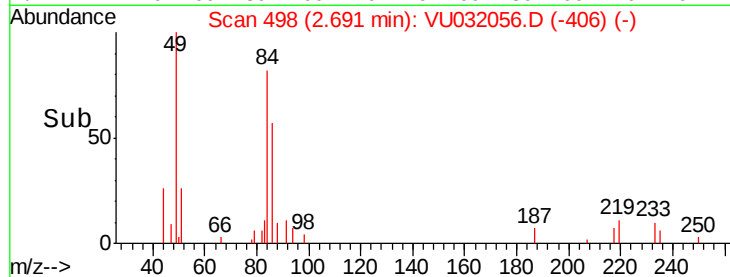
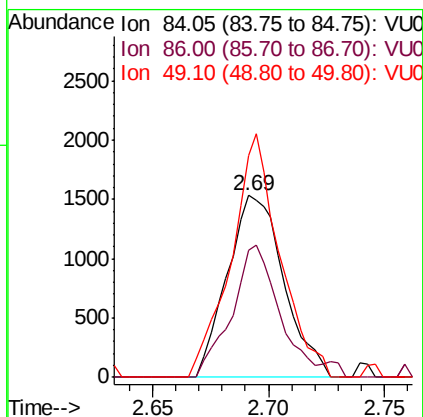
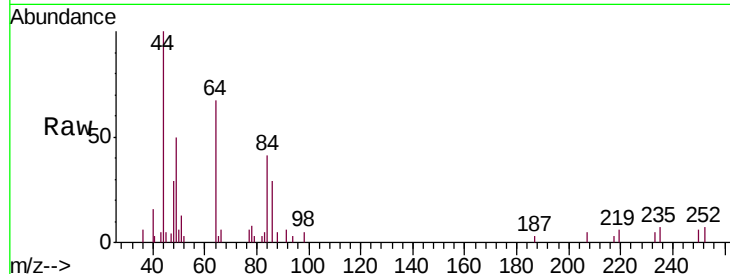




#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU032056.D
Acq: 16 May 2019 18:10

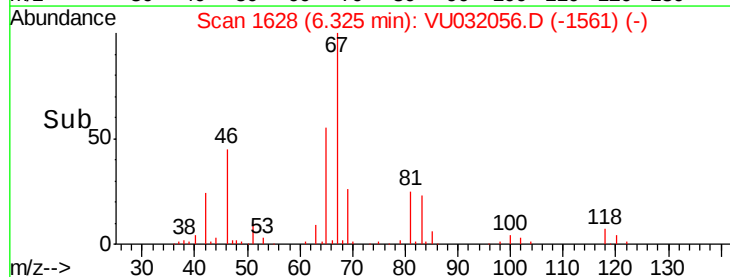
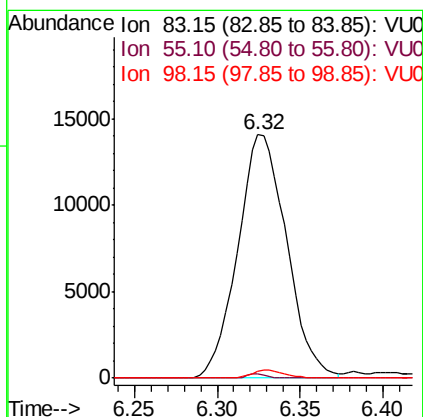
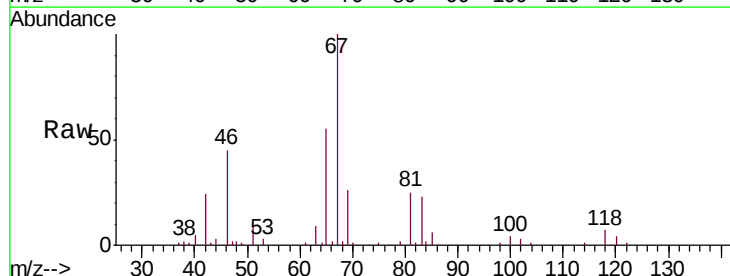
Instrument :
MSVOA_U
ClientSampled :
DB894

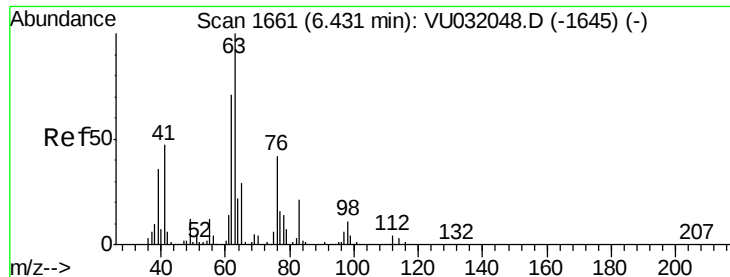
Tgt Ion: 84 Resp: 2596
Ion Ratio Lower Upper
84 100
86 70.0 43.1 80.1
49 122.0 67.7 125.7



#35
Methylcyclohexane
Concen: 1.236 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032056.D
Acq: 16 May 2019 18:10

Tgt Ion: 83 Resp: 28823
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 2.2 36.8 55.2#

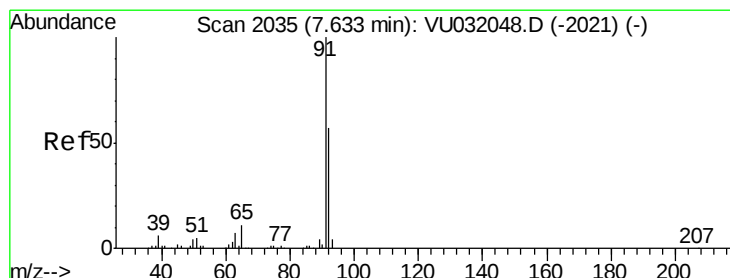
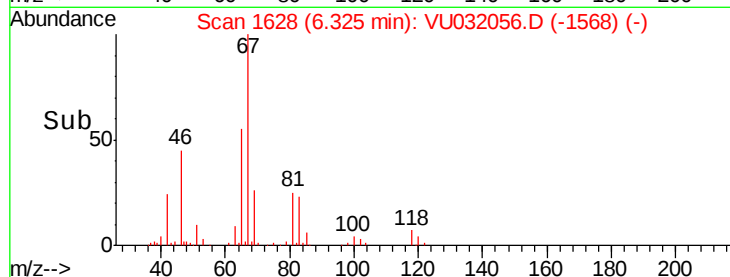
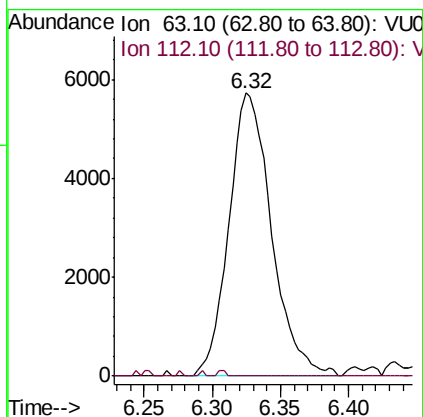
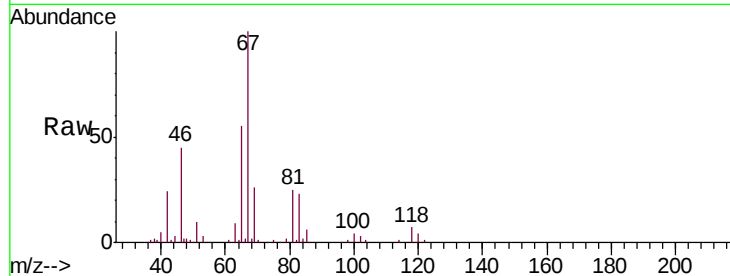




#37
 1,2-Dichloropropane
 Concen: 0.852 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032056.D
 Acq: 16 May 2019 18:10

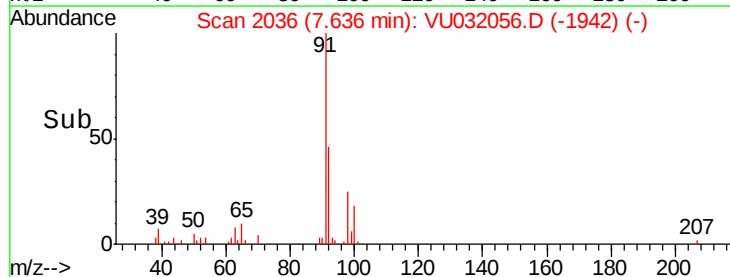
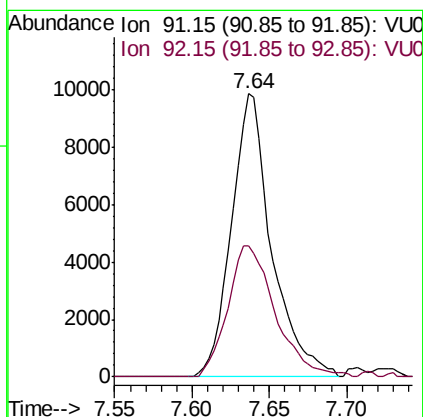
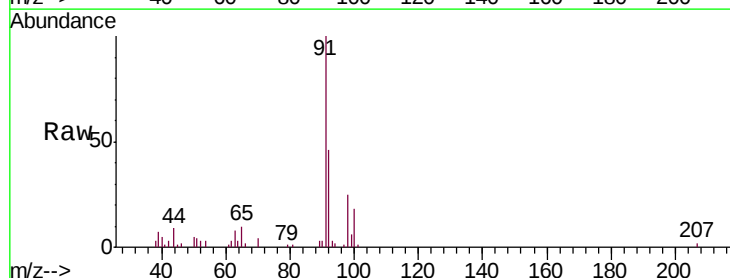
Instrument :
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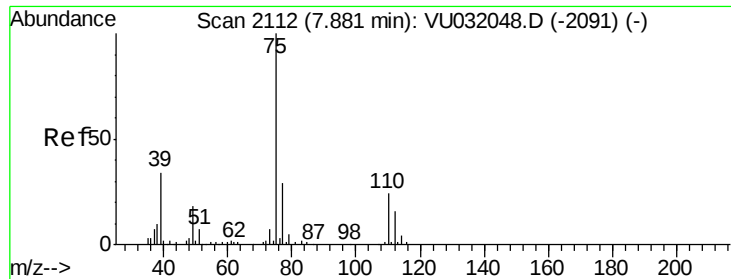
Tgt Ion: 63 Resp: 12429
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#42
 Toluene
 Concen: 0.284 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU032056.D
 Acq: 16 May 2019 18:10

Tgt Ion: 91 Resp: 17761
 Ion Ratio Lower Upper
 91 100
 92 46.3 40.2 74.6

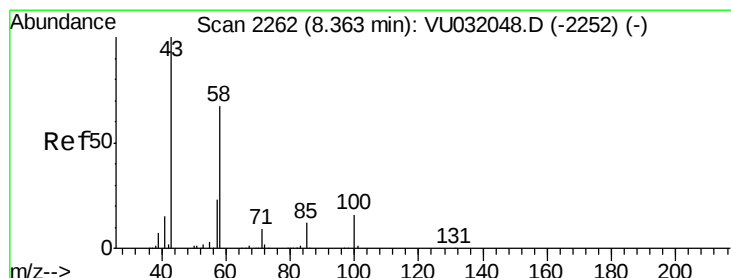
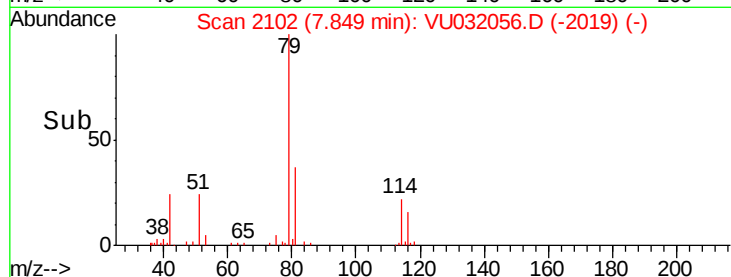
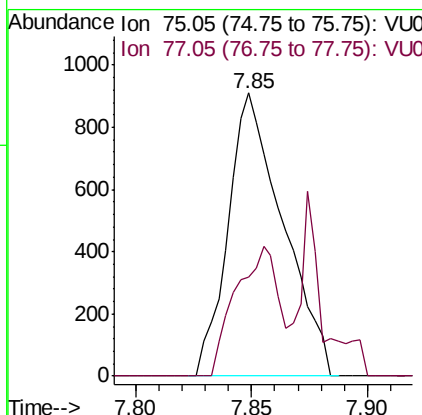
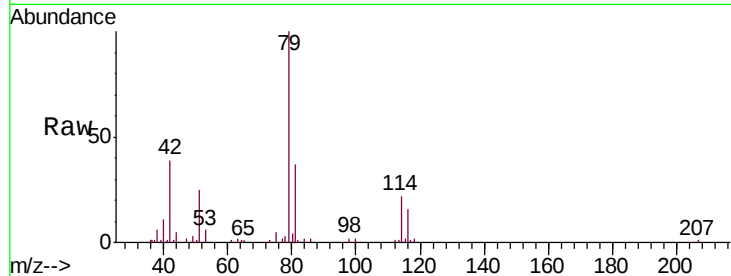




#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032056.D
Acq: 16 May 2019 18:10

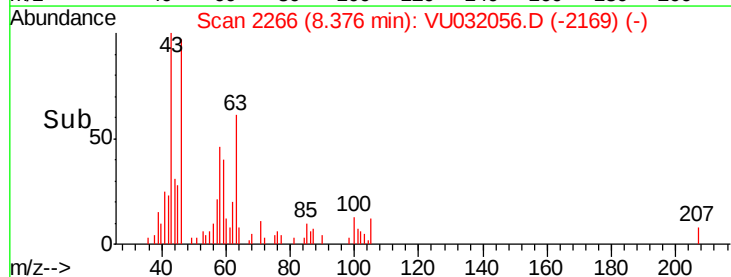
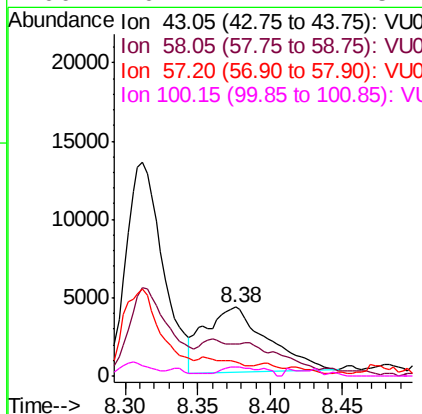
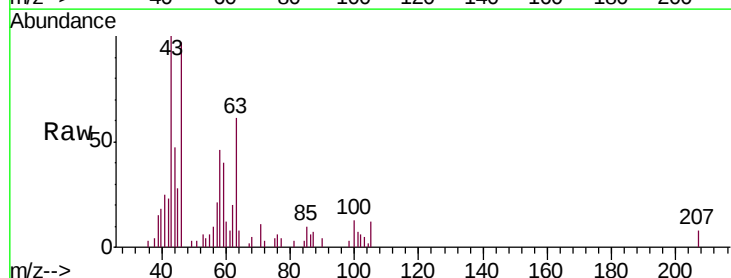
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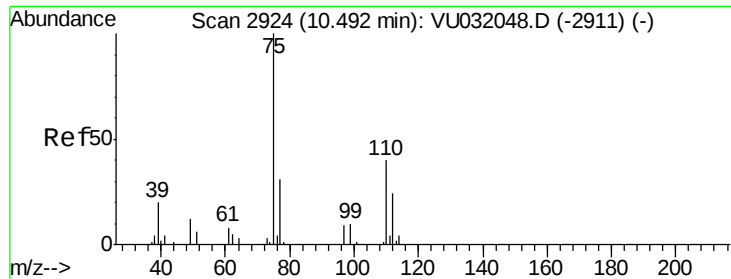
Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
77 34.8 21.0 39.0



#48
2-Hexanone
Concen: 2.386 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU032056.D
Acq: 16 May 2019 18:10

Tgt Ion: 43 Resp: 12516
Ion Ratio Lower Upper
43 100
58 0.0 51.6 77.4#
57 5.1 18.4 27.6#
100 10.4 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.685 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032056.D

Acq: 16 May 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

DB894

Tgt Ion: 75 Resp: 15613

Ion Ratio Lower Upper

75 100

77 44.9 26.2 39.2#

