

Data File : VU032730.D
Acq On : 14 Jun 2019 18:28
Operator : JC/SP
Sample : K3364-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM29DL

Quant Time: Jun 14 23:53:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	106727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	100343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29958	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.67	69	26481	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.27	63	50564	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.18	46	104963	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	4.64	84	65010	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.30	65	36714	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.33	84	125468	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	40933	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.56	98	109652	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.84	79	16855	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.31	63	85032	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	36880	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	46295	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

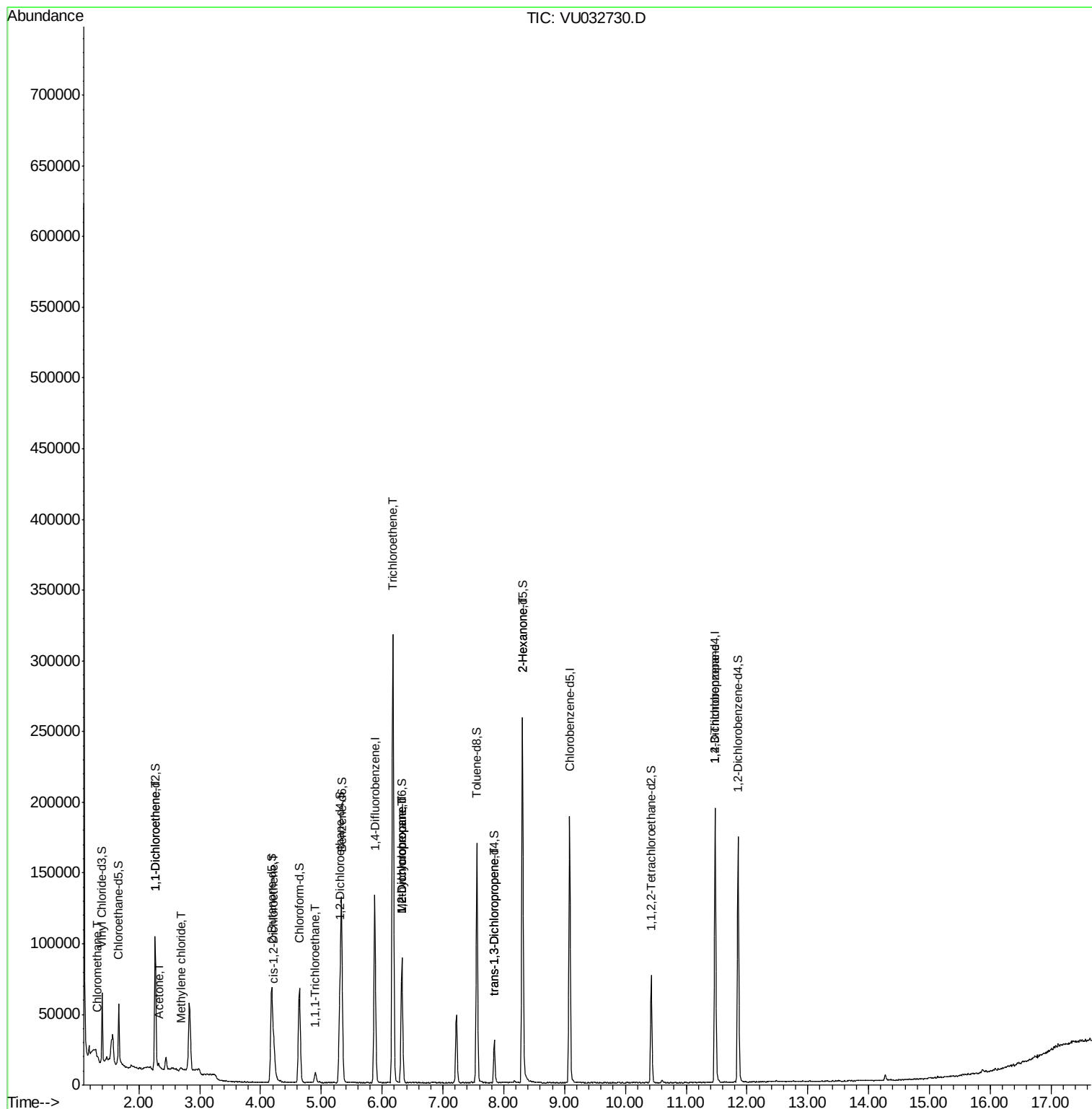
					Qvalue
3) Chloromethane	1.33	50	2088	0.220 ug/L	92
12) 1,1-Dichloroethene	2.28	96	6110	0.901 ug/L #	1
13) Acetone	2.32	43	2443	1.625 ug/L	90
16) Methylene chloride	2.69	84	915	0.122 ug/L	84
22) cis-1,2-Dichloroethene	4.22	96	3594	0.434 ug/L #	67
29) 1,1,1-Trichloroethane	4.90	97	5817	0.476 ug/L	100
34) Trichloroethene	6.18	95	105115	12.352 ug/L	99
35) Methylcyclohexane	6.32	83	9466	0.692 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4688	0.612 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	822	0.088 ug/L	89
48) 2-Hexanone	8.31	43	10747	2.761 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	6216	1.237 ug/L #	85

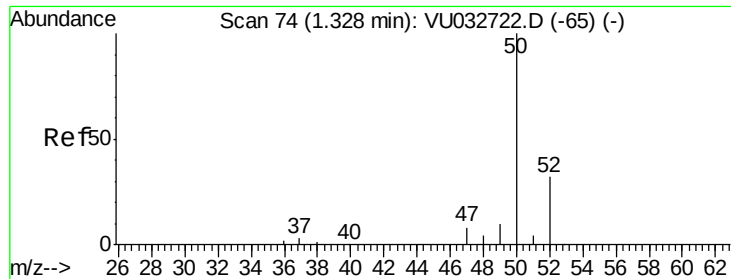
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032730.D
Acq On : 14 Jun 2019 18:28
Operator : JC/SP
Sample : K3364-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM29DL

Quant Time: Jun 14 23:53:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.220 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

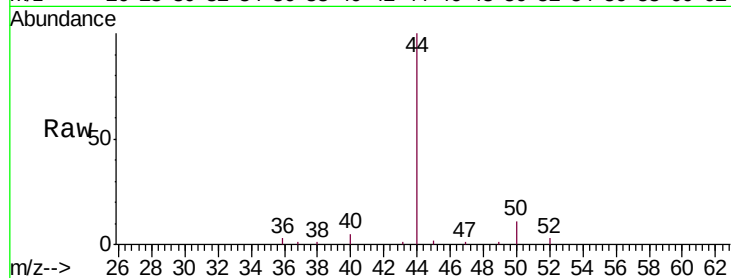
C0M29DL

Tgt Ion: 50 Resp: 2088

Ion Ratio Lower Upper

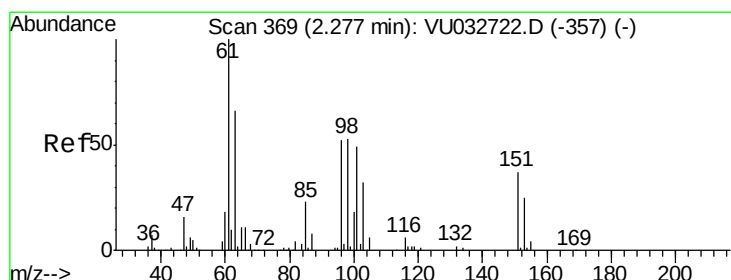
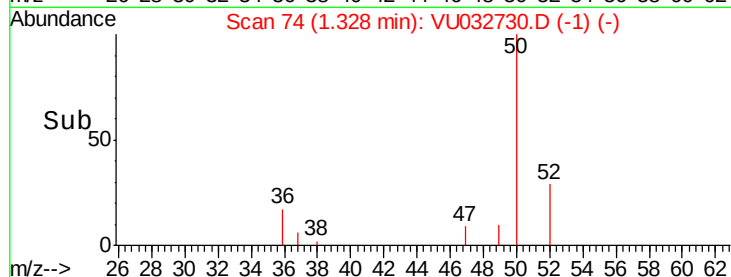
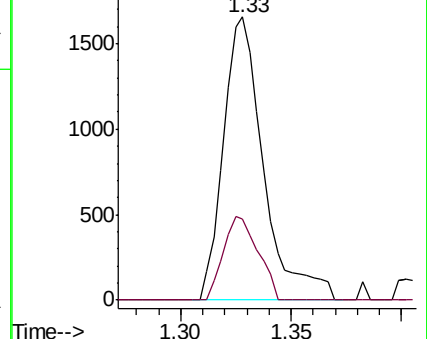
50 100

52 28.5 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.901 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

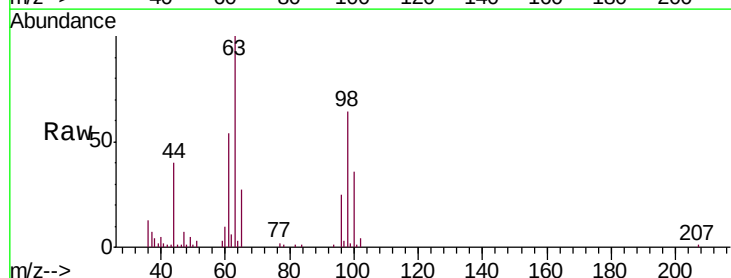
Tgt Ion: 96 Resp: 6110

Ion Ratio Lower Upper

96 100

61 219.3 131.8 244.8

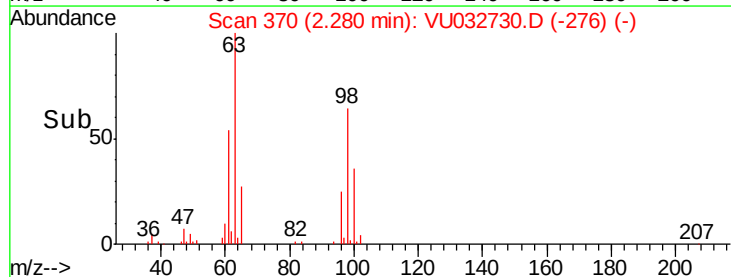
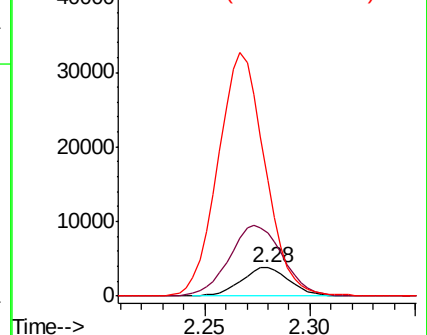
63 405.0 90.1 167.3#

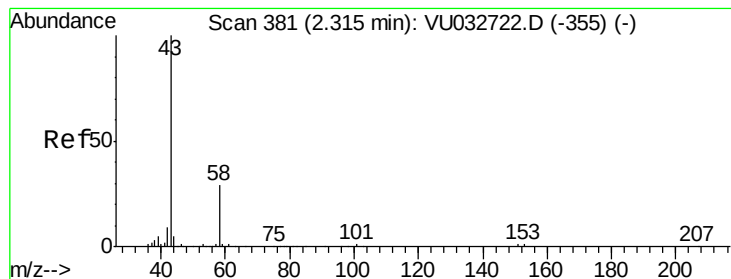


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.625 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

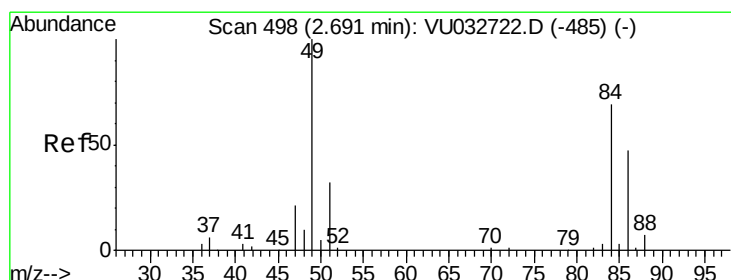
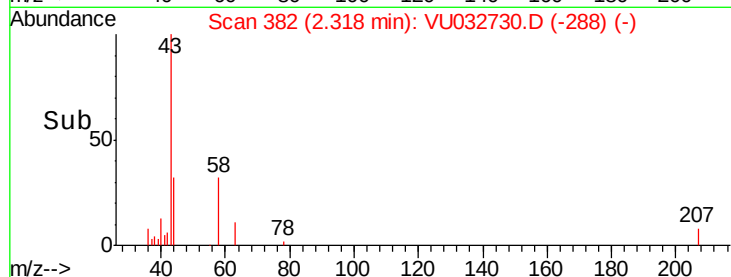
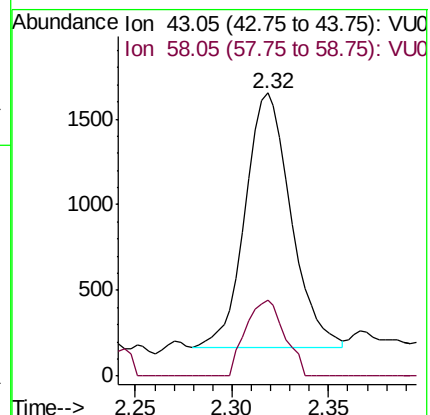
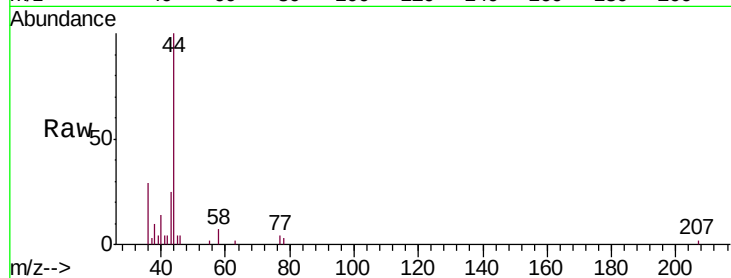
C0M29DL

Tgt Ion: 43 Resp: 2443

Ion Ratio Lower Upper

43 100

58 25.2 0.0 60.8



#16

Methylene chloride

Concen: 0.122 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

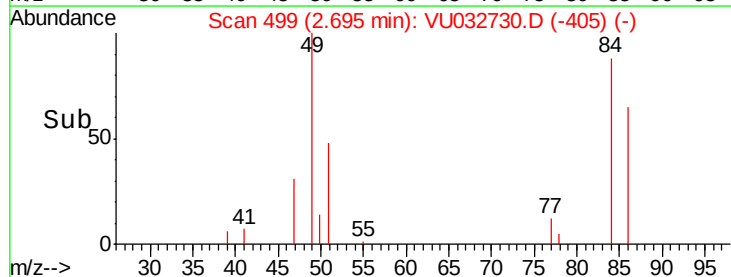
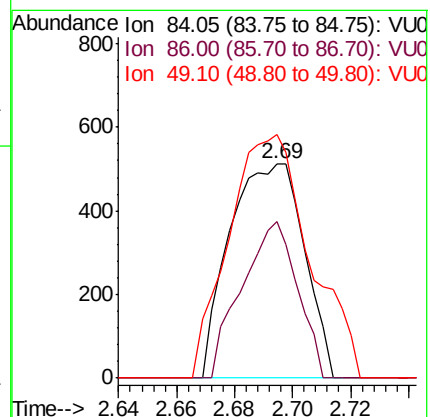
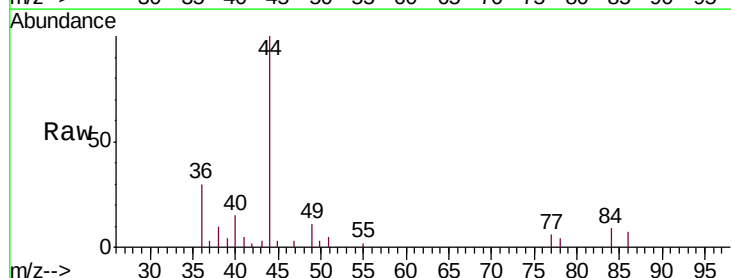
Tgt Ion: 84 Resp: 915

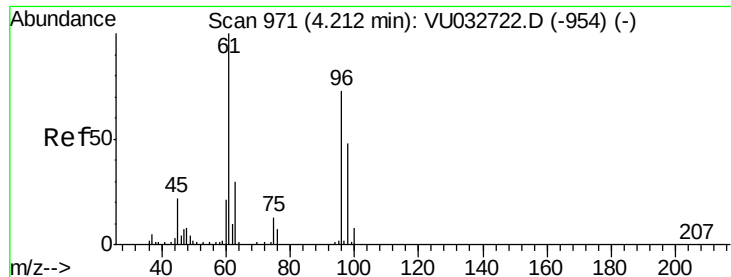
Ion Ratio Lower Upper

84 100

86 73.3 47.2 87.6

49 113.5 95.9 178.1





#22

cis-1,2-Dichloroethene

Concen: 0.434 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.01 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

C0M29DL

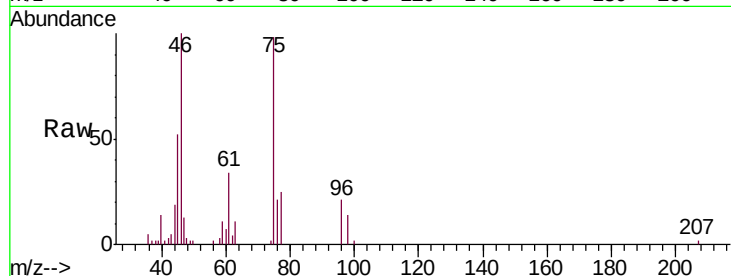
Tgt Ion: 96 Resp: 3594

Ion Ratio Lower Upper

96 100

61 160.9 86.6 160.8#

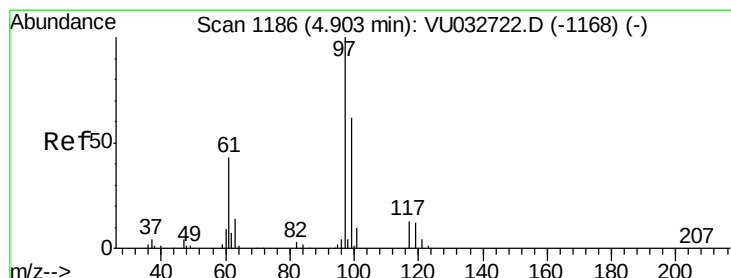
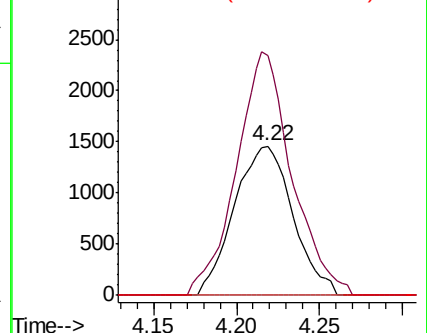
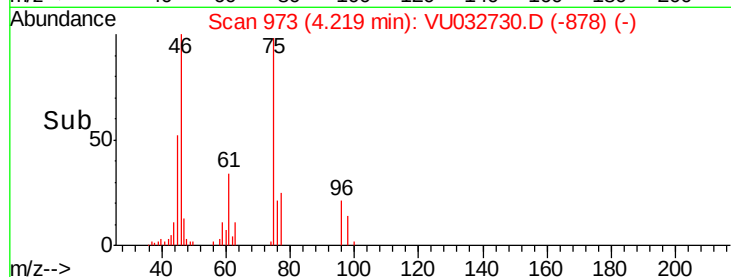
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032730.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VU032730.D (-1093) (-)

Ion 68.15 (67.85 to 68.85): VU032730.D (-1093) (-)



#29

1,1,1-Trichloroethane

Concen: 0.476 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

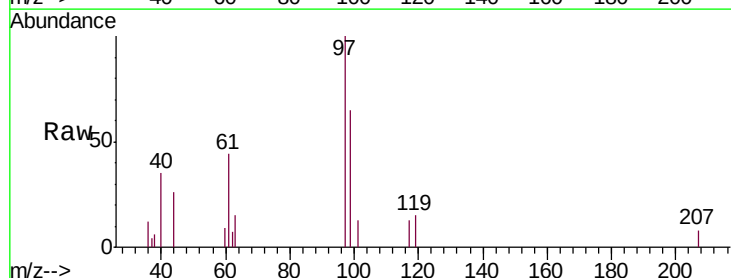
Tgt Ion: 97 Resp: 5817

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

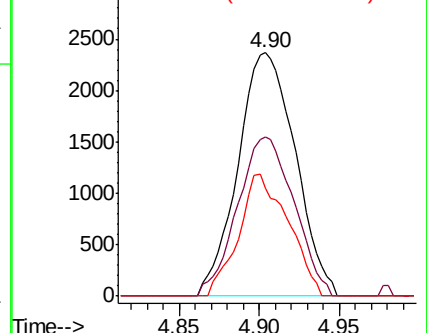
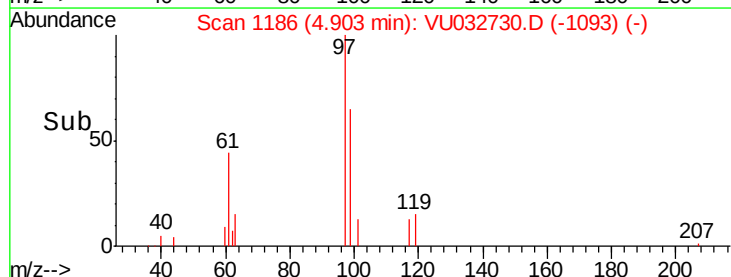
61 43.2 34.7 52.1

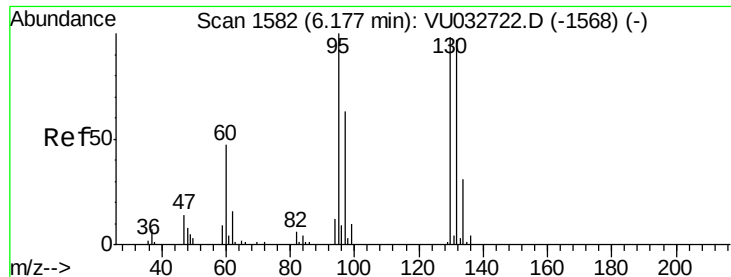


Abundance Ion 96.95 (96.65 to 97.65): VU032730.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VU032730.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VU032730.D (-1093) (-)





#34

Trichloroethene

Concen: 12.352 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

Instrument :

MSVOA_U

ClientSampleId :

C0M29DL

Tgt Ion: 95 Resp: 105115

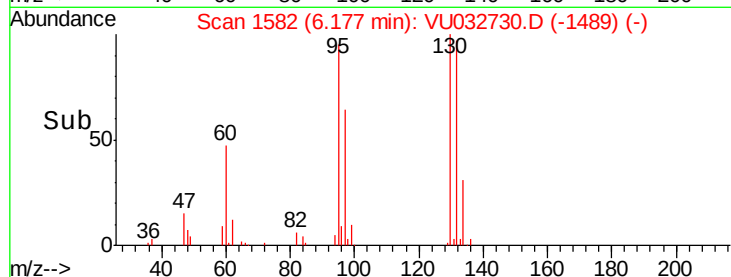
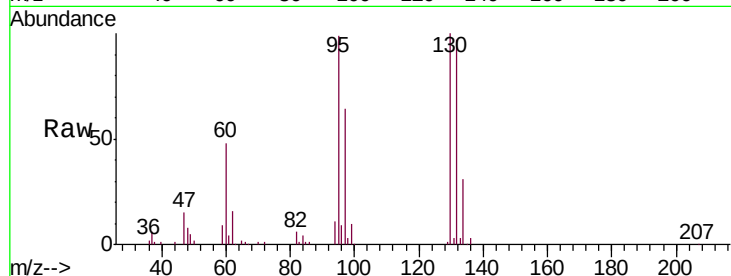
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 98.3 68.8 127.8

130 101.5 71.0 131.8

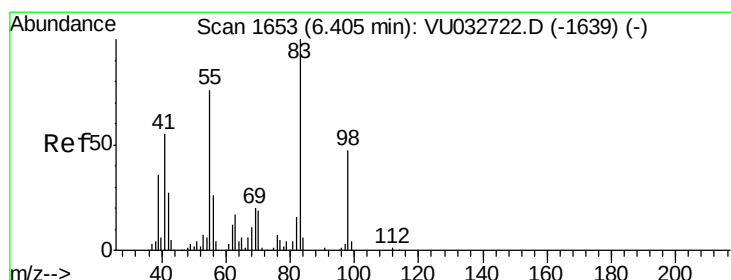
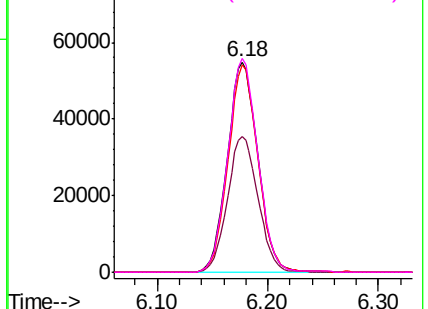


Abundance Ion 95.00 (94.70 to 95.70): VU032722.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU032722.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU032722.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU032722.D (-1568) (-)



#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032730.D

Acq: 14 Jun 2019 18:28

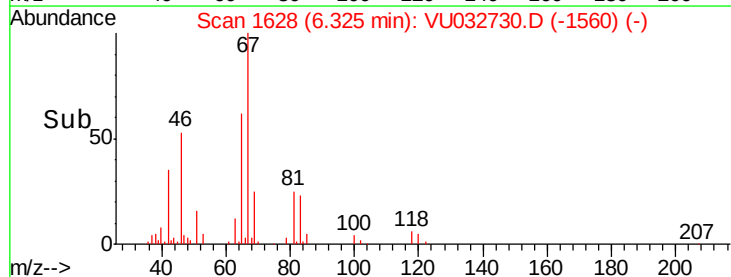
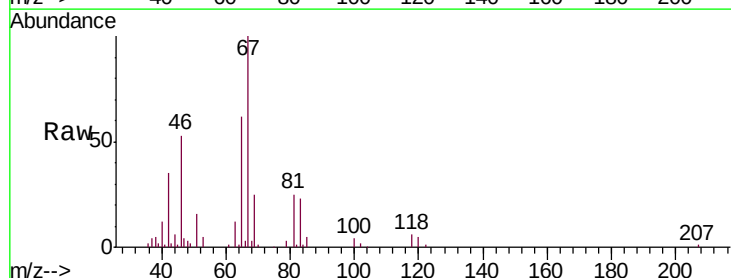
Tgt Ion: 83 Resp: 9466

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

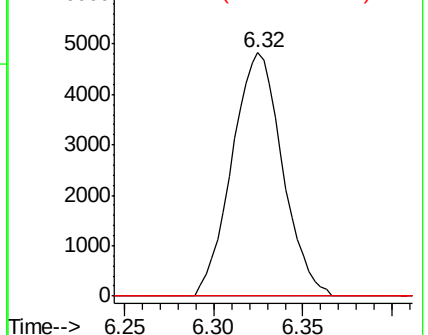
98 0.0 37.8 56.8#

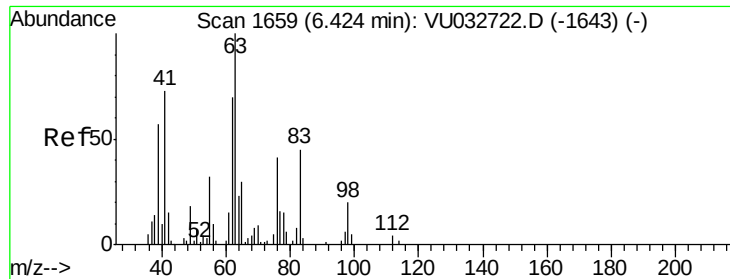


Abundance Ion 83.15 (82.85 to 83.85): VU032722.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU032722.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU032722.D (-1639) (-)

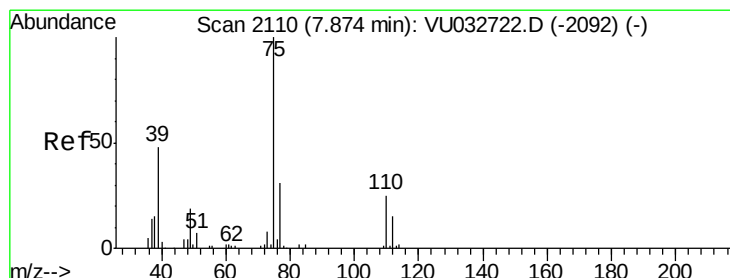
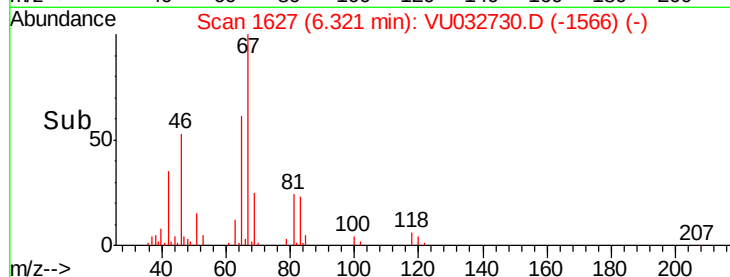
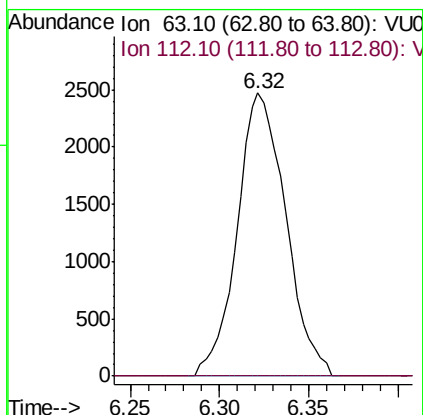
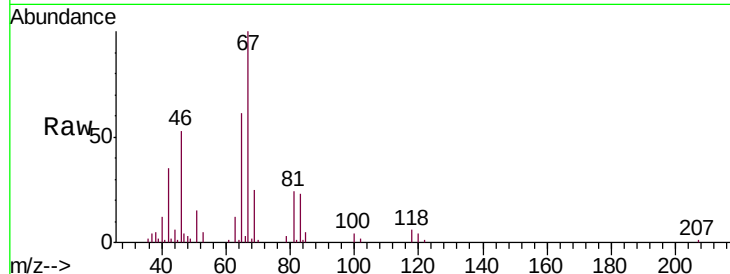




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032730.D
 Acq: 14 Jun 2019 18:28

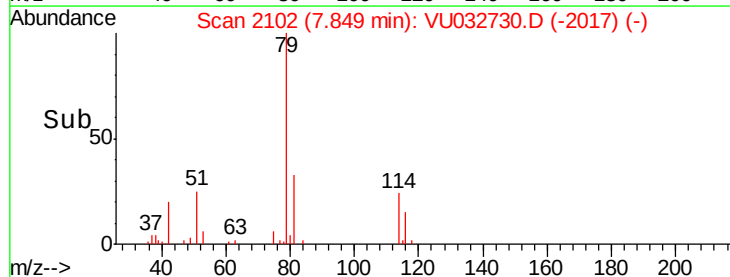
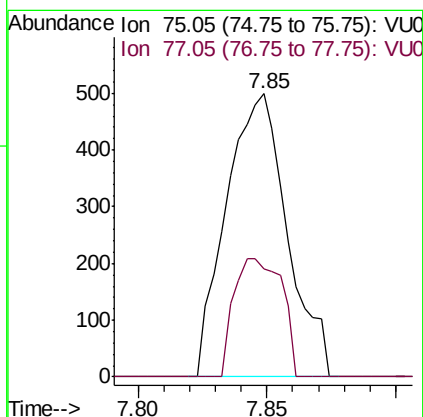
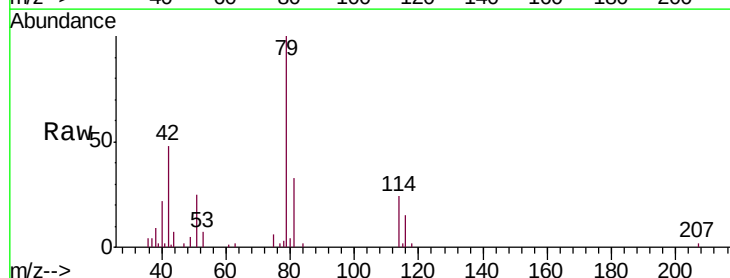
Instrument :
 MSVOA_U
 ClientSampleID :
 COM29DL

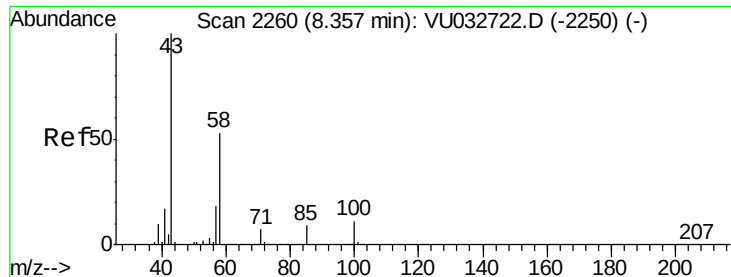
Tgt Ion: 63 Resp: 4688
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032730.D
 Acq: 14 Jun 2019 18:28

Tgt Ion: 75 Resp: 822
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.5 41.7

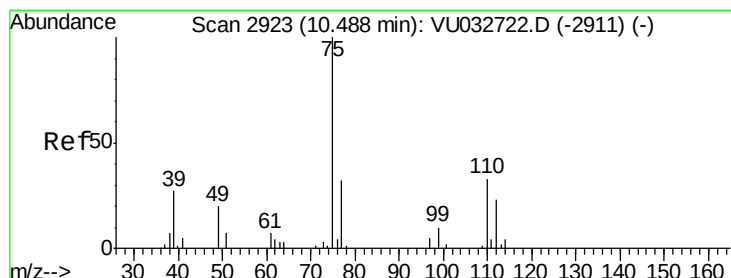
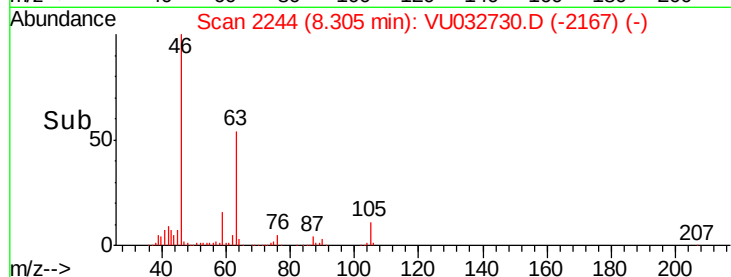
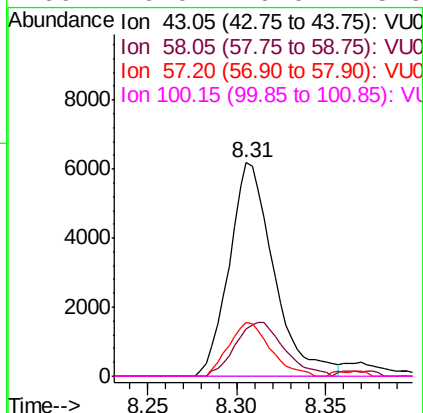
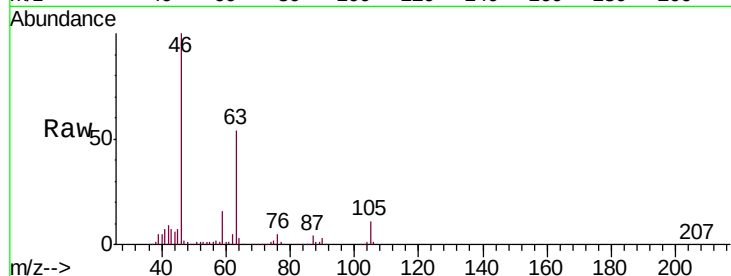




#48
 2-Hexanone
 Concen: 2.761 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU032730.D
 Acq: 14 Jun 2019 18:28

Instrument :
 MSVOA_U
 ClientSampleId :
 COM29DL

Tgt Ion: 43 Resp: 10747
 Ion Ratio Lower Upper
 43 100
 58 27.7 41.9 62.9#
 57 23.4 15.1 22.7#
 100 0.0 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.237 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU032730.D
 Acq: 14 Jun 2019 18:28

Tgt Ion: 75 Resp: 6216
 Ion Ratio Lower Upper
 75 100
 77 39.7 25.3 37.9#

