

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035353.D
 Acq On : 22 Oct 2019 10:17
 Operator : JC/SP
 Sample : K5421-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 06:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68653	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	70592	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	96536	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.72	46	263518	57.07	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.14%
24) Chloroform-d	5.11	84	152608	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.75	65	86411	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	285188	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.74	67	101004	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.93	98	241730	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.22	79	39225	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.69	63	200436	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92579	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	89785	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

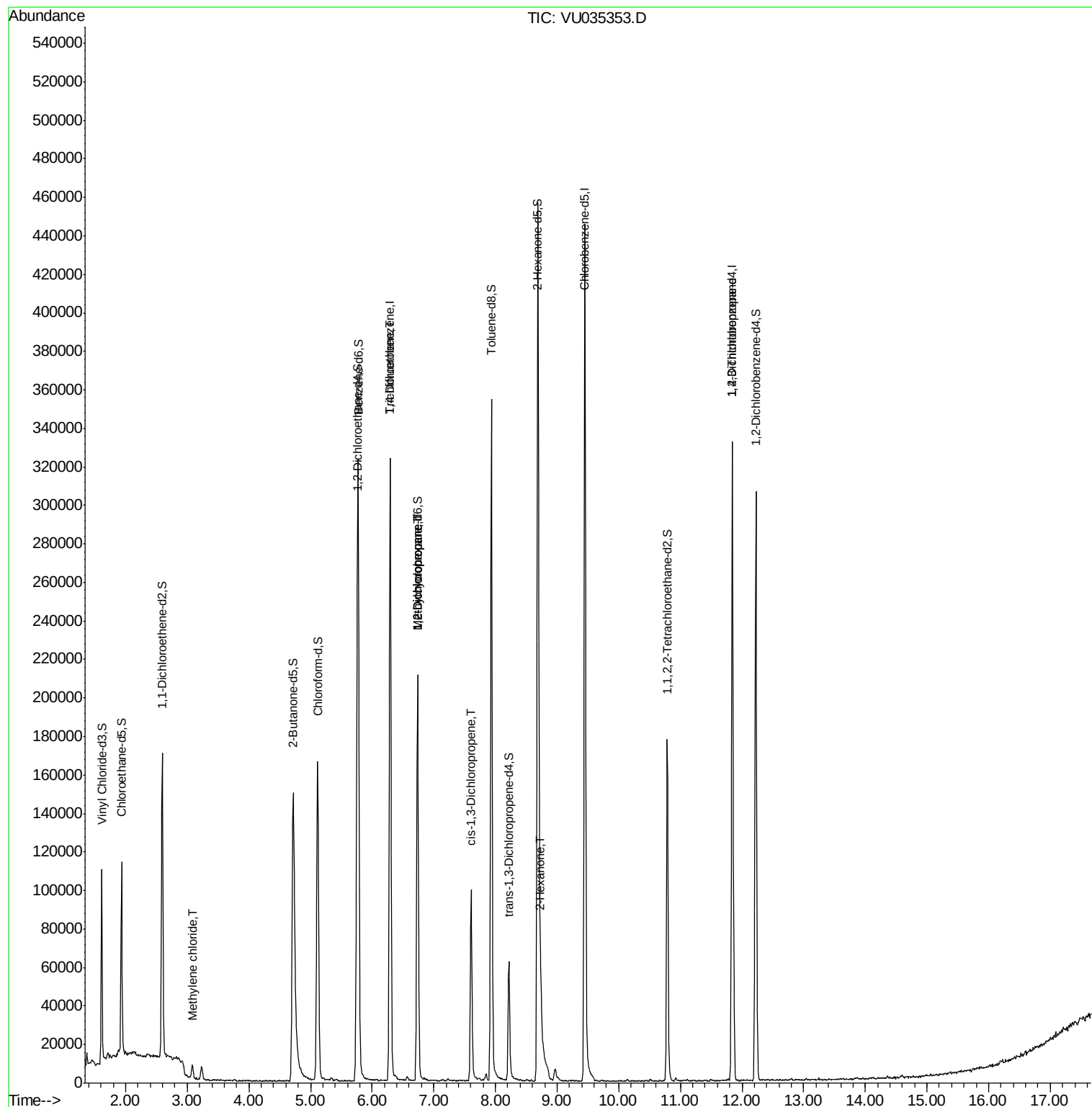
					Ovalue
16) Methylene chloride	3.09	84	3291	0.162 ug/L	90
34) Trichloroethene	6.29	95	4855	0.229 ug/L #	3
35) Methylcyclohexane	6.74	83	23901	0.674 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10913	0.544 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2714	0.081 ug/L #	32
48) 2-Hexanone	8.74	43	9468	0.998 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	12932	0.926 ug/L	89

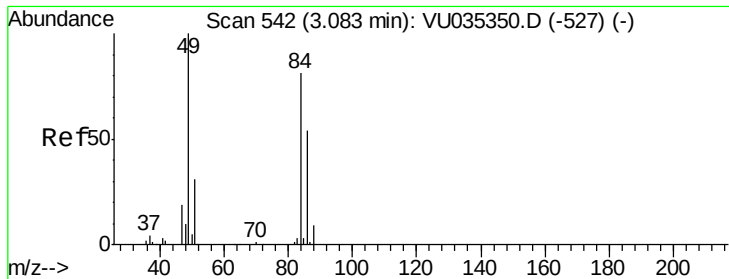
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035353.D
Acq On : 22 Oct 2019 10:17
Operator : JC/SP
Sample : K5421-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:52:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

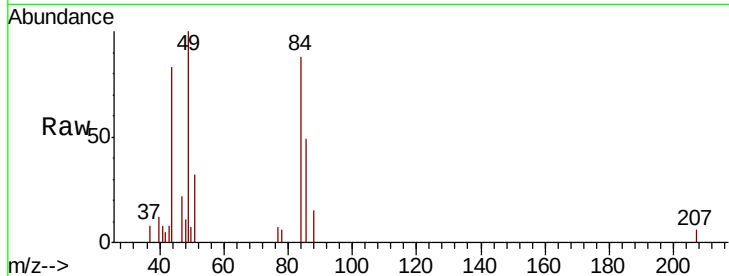




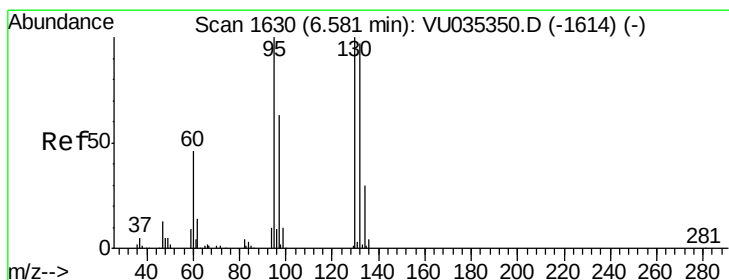
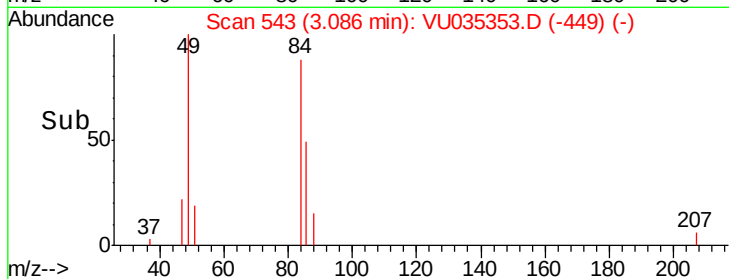
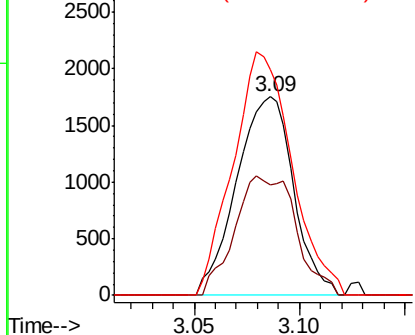
#16
Methylene chloride
Concen: 0.162 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035353.D
Acq: 22 Oct 2019 10:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3291
Ion Ratio Lower Upper
84 100
86 55.7 45.4 84.2
49 113.7 86.8 161.2

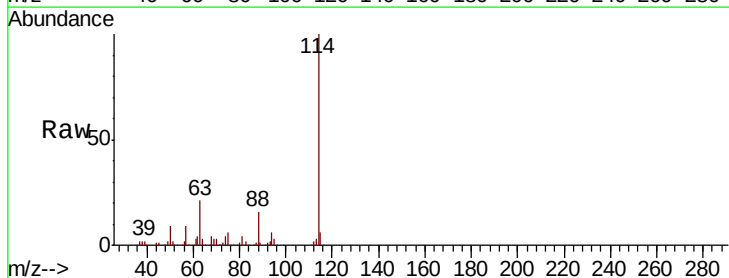


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

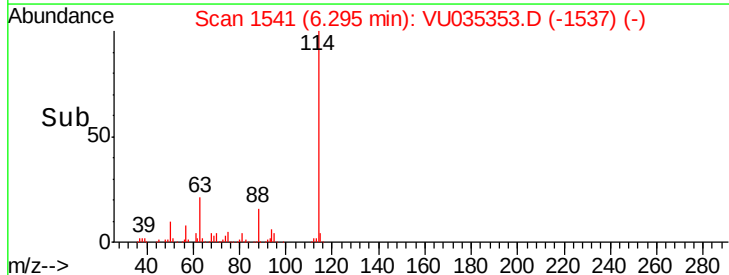
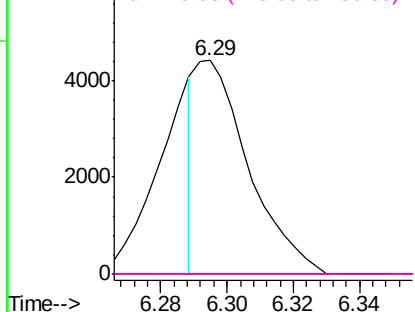


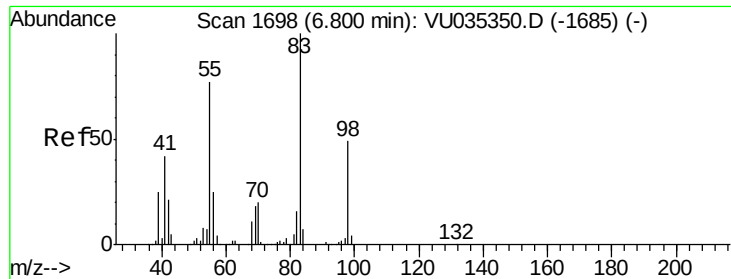
#34
Trichloroethene
Concen: 0.229 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035353.D
Acq: 22 Oct 2019 10:17

Tgt Ion: 95 Resp: 4855
Ion Ratio Lower Upper
95 100
97 0.0 46.6 86.6#
132 0.0 68.7 127.7#
130 0.0 73.9 137.3#



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

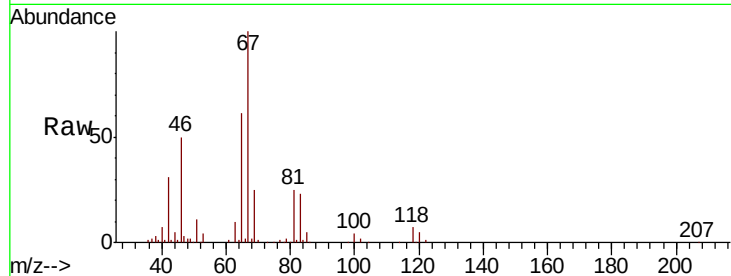




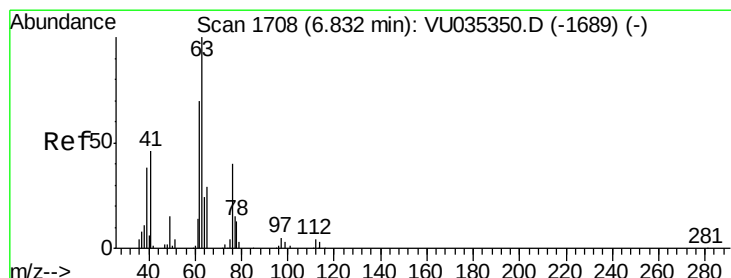
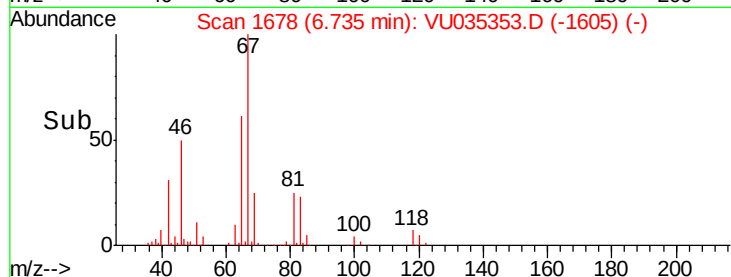
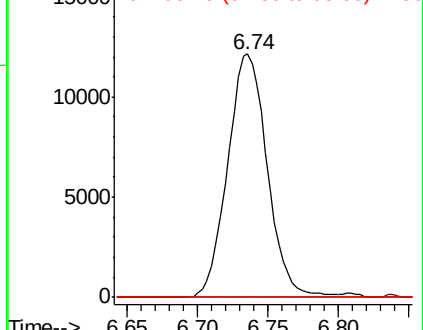
#35
Methylvlcyclohexane
Concen: 0.674 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035353.D
Acq: 22 Oct 2019 10:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 23901
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.3 39.5 59.3#

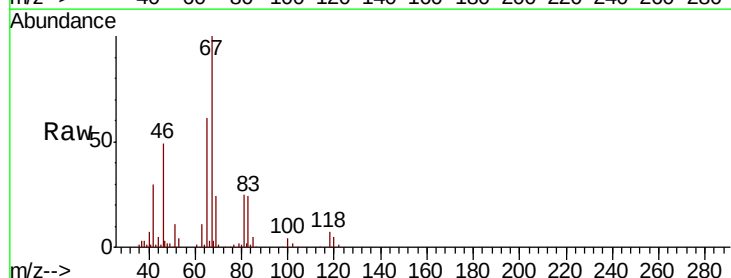


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

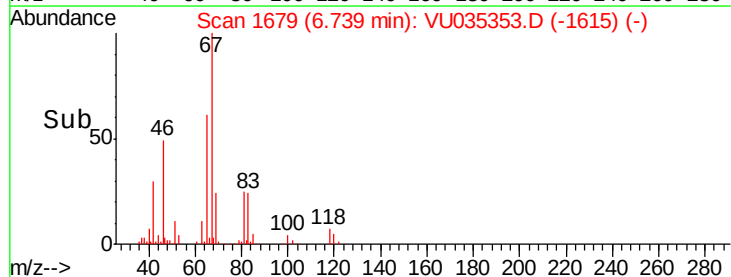
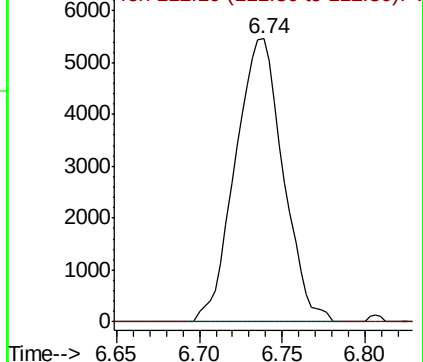


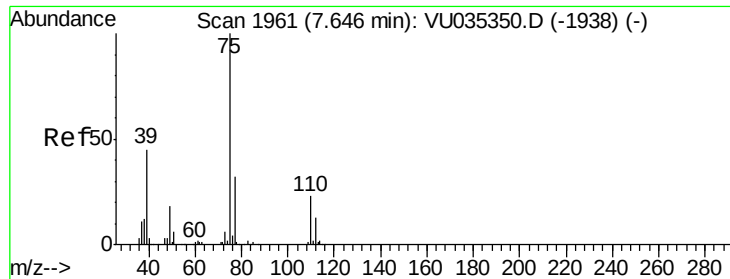
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.09 min
Lab File: VU035353.D
Acq: 22 Oct 2019 10:17

Tgt Ion: 63 Resp: 10913
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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: 0.081 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VU035353.D

Acq: 22 Oct 2019 10:17

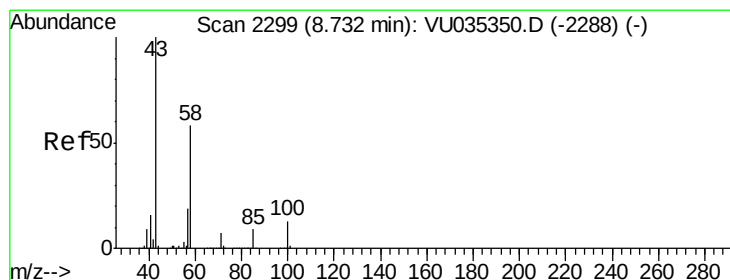
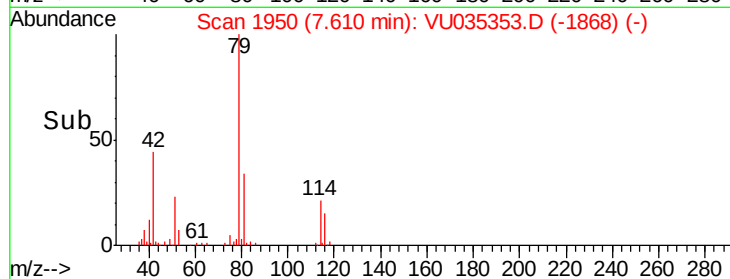
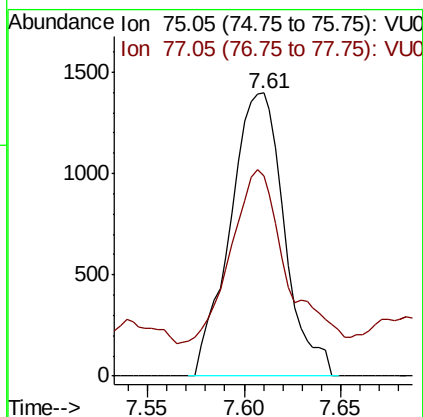
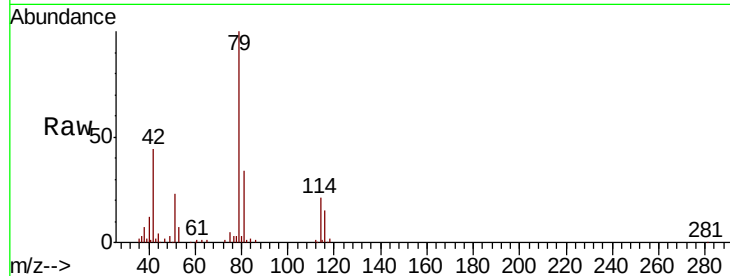
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 2714

Ion Ratio Lower Upper

75 100

77 70.8 22.7 42.1#



#48

2-Hexanone

Concen: 0.998 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VU035353.D

Acq: 22 Oct 2019 10:17

Tgt Ion: 43 Resp: 9468

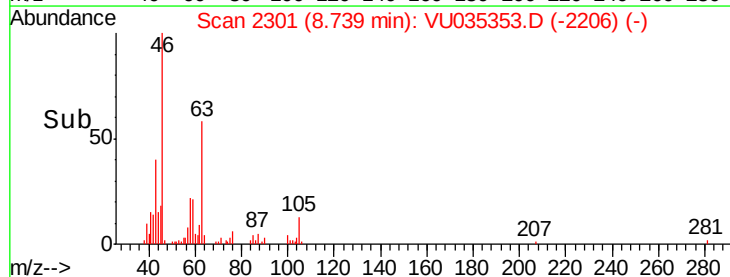
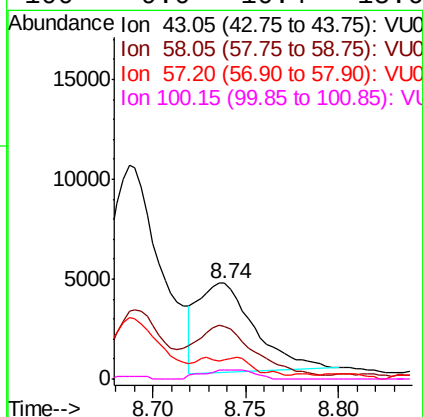
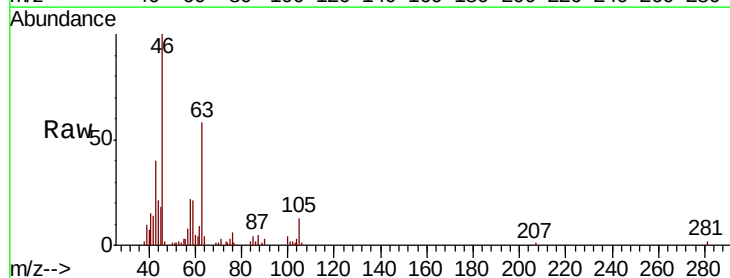
Ion Ratio Lower Upper

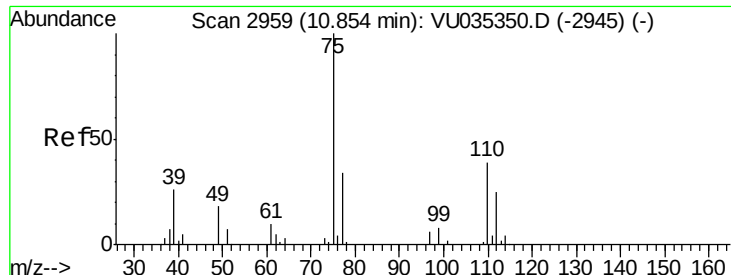
43 100

58 60.8 45.1 67.7

57 10.5 16.0 24.0#

100 9.0 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035353.D

Acq: 22 Oct 2019 10:17

Instrument :

MSVOA_U

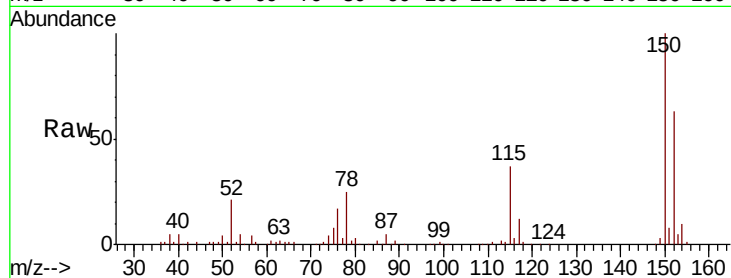
ClientSampleId :

Tot Ion: 75 Resp: 12932

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

