

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039954.D
 Acq On : 24 Aug 2020 18:11
 Operator : SY/MD
 Sample : L3789-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 02:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67269	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25258	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.92	69	22436	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	40429	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	80642	42.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.88%
24) Chloroform-d	5.08	84	50294	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	31125	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.75	84	99561	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	32299	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.91	98	83743	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	12124	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	57790	42.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24313	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33001	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

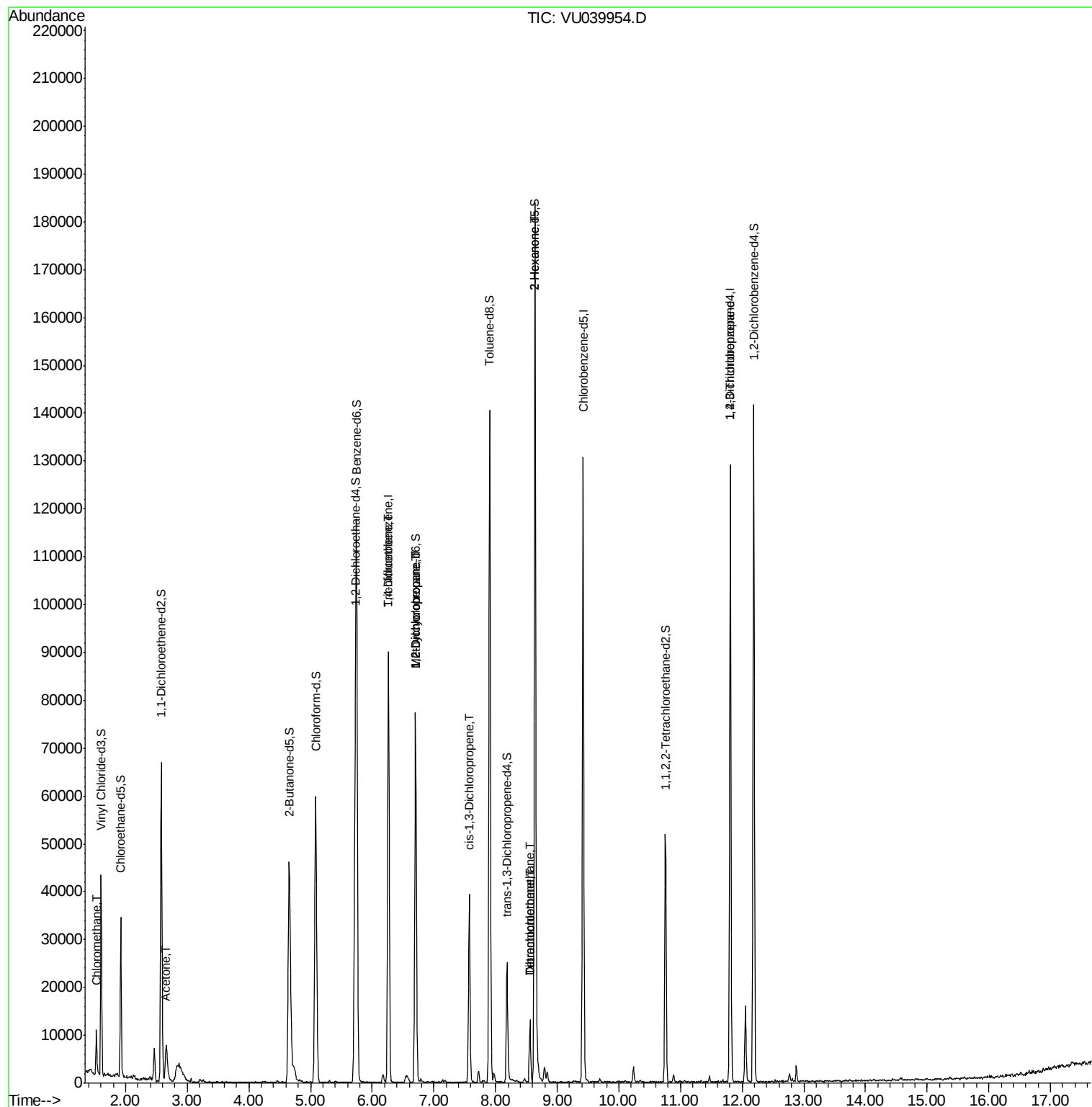
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	6308	0.797	ug/L	99
13) Acetone	2.66	43	13809	10.762	ug/L #	53
34) Trichloroethene	6.27	95	1161	0.189	ug/L #	7
35) Methylcyclohexane	6.71	83	7928	0.845	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3813	0.608	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1085	0.124	ug/L	86
47) Tetrachloroethene	8.56	164	2674	0.592	ug/L	89
48) 2-Hexanone	8.64	43	9268	2.603	ug/L #	67
49) Dibromochloromethane	8.56	129	2293	0.403	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4399	0.978	ug/L	97

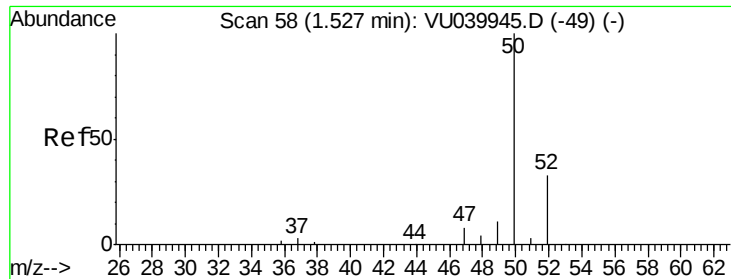
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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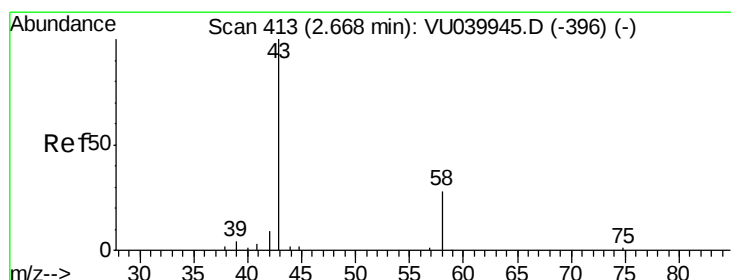
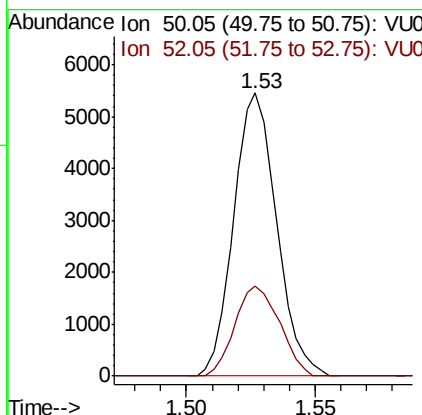
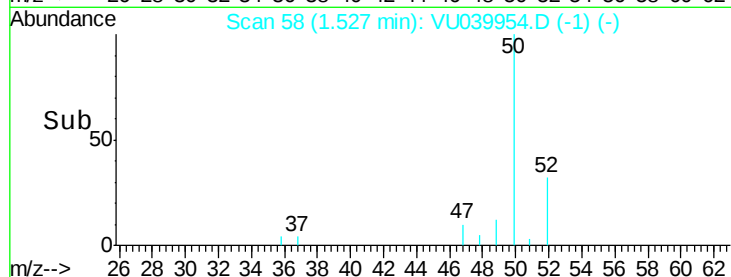
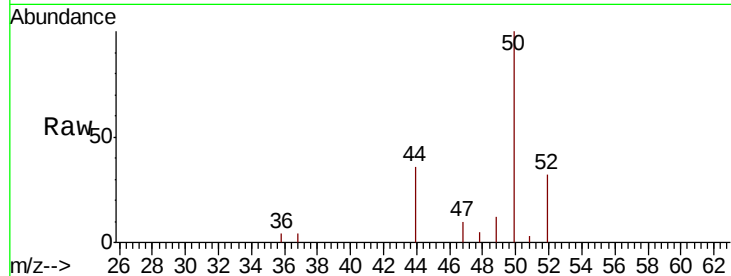




#3
 Chloromethane
 Concen: 0.797 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

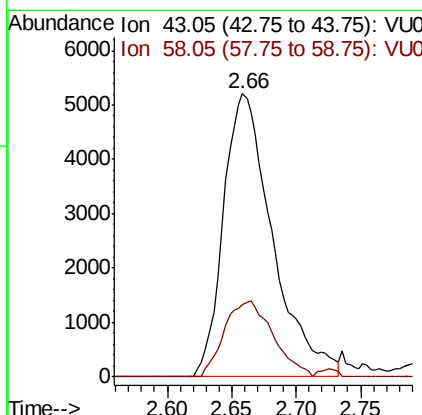
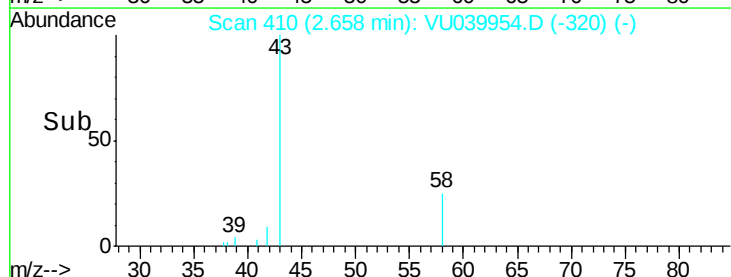
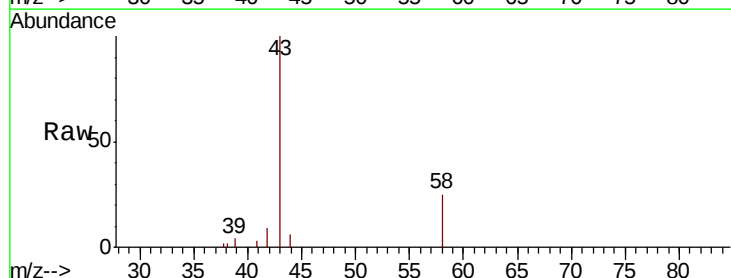
Instrument :
 MSVOA_U
 ClientSampleId :

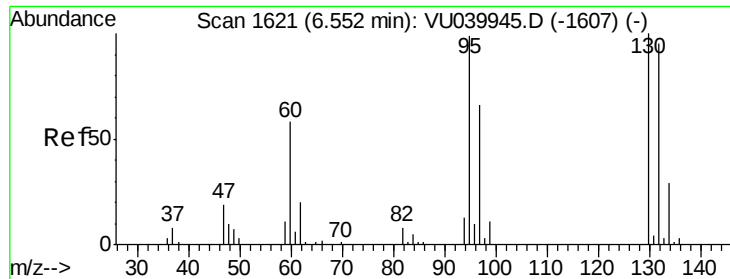
Tot Ion: 50 Resp: 6308
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.9 40.7



#13
 Acetone
 Concen: 10.762 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

Tgt Ion: 43 Resp: 13809
 Ion Ratio Lower Upper
 43 100
 58 26.5 0.0 19.0#

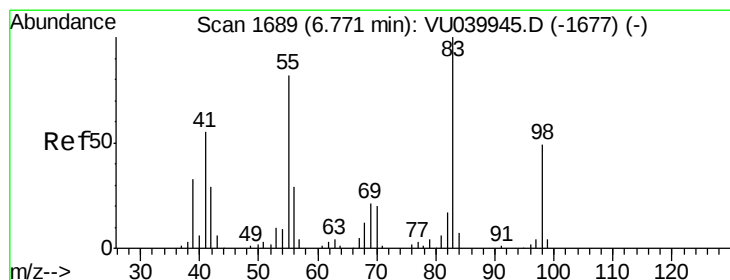
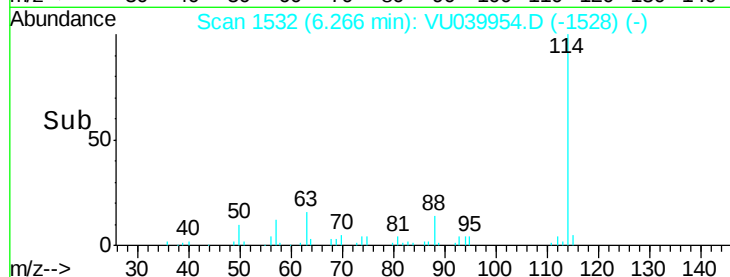
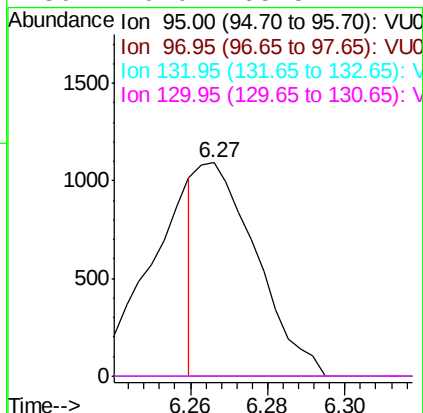
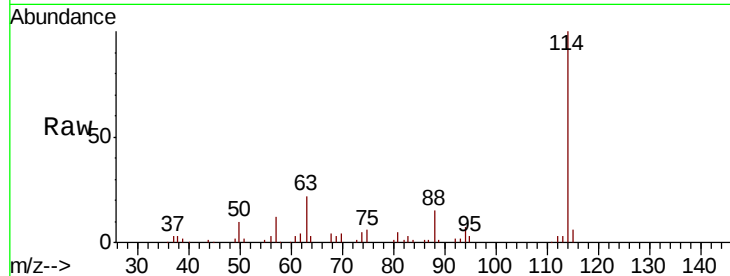




#34
 Trichloroethene
 Concen: 0.189 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

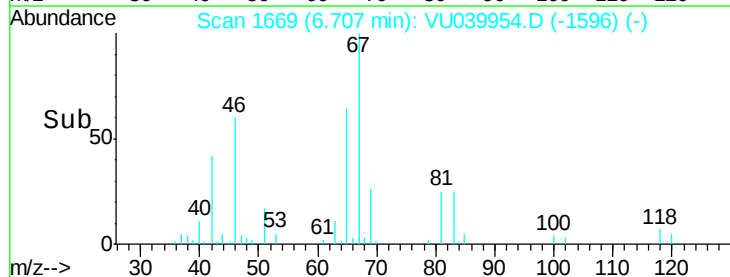
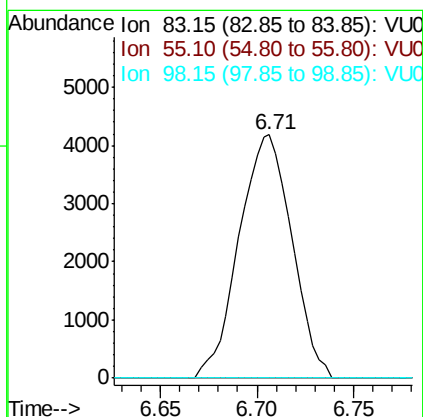
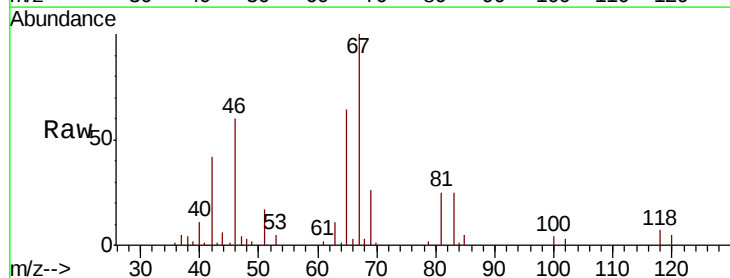
Instrument :
 MSVOA_U
 ClientSampleId :

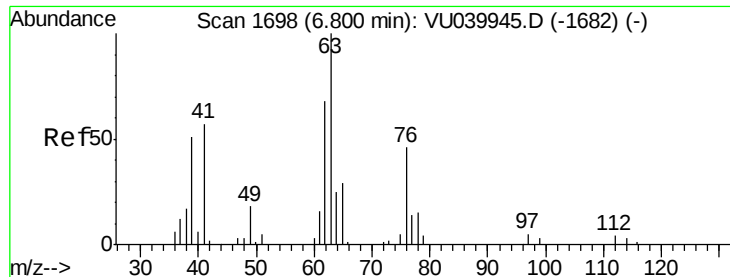
Tot Ion: 95 Resp: 1161
 Ion Ratio Lower Upper
 95 100
 97 0.0 42.0 78.0#
 132 0.0 65.0 120.8#
 130 0.0 65.5 121.7#



#35
 Methylcyclohexane
 Concen: 0.845 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.06 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

Tgt Ion: 83 Resp: 7928
 Ion Ratio Lower Upper
 83 100
 55 0.0 64.1 96.1#
 98 0.9 39.4 59.0#

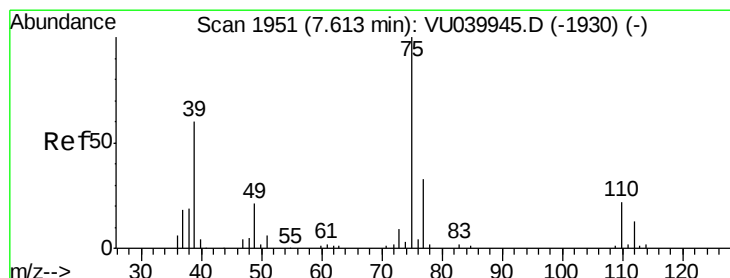
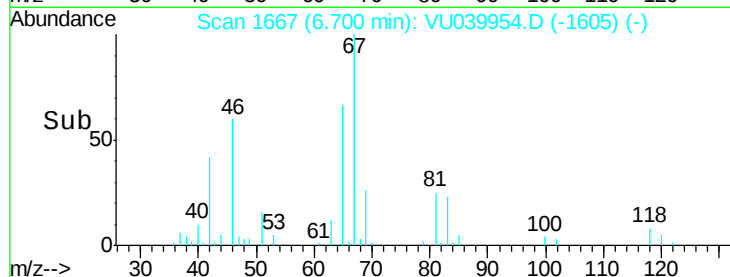
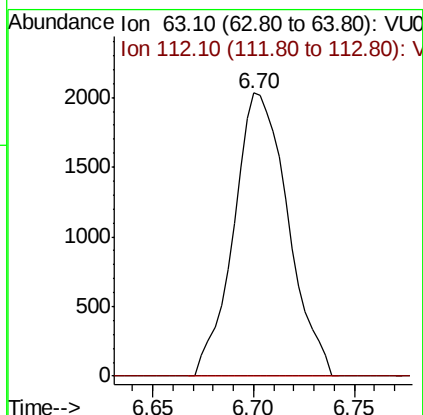
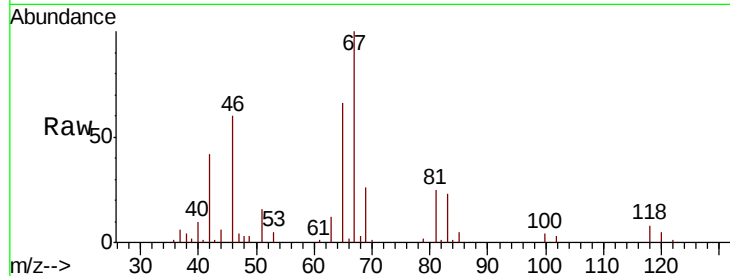




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

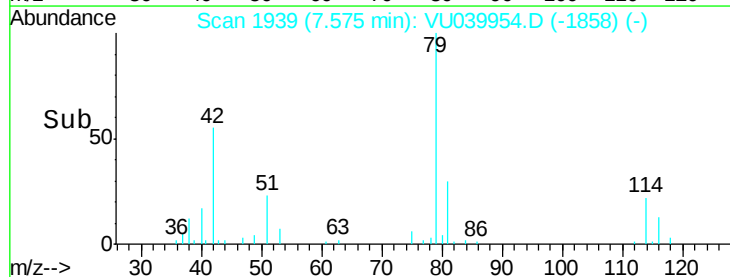
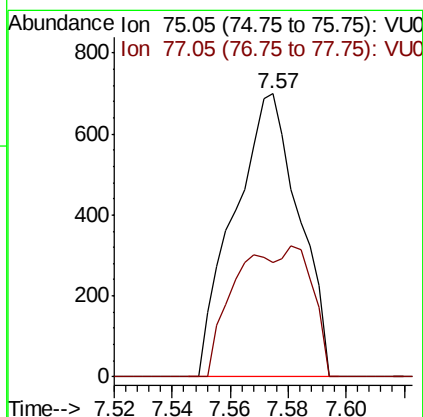
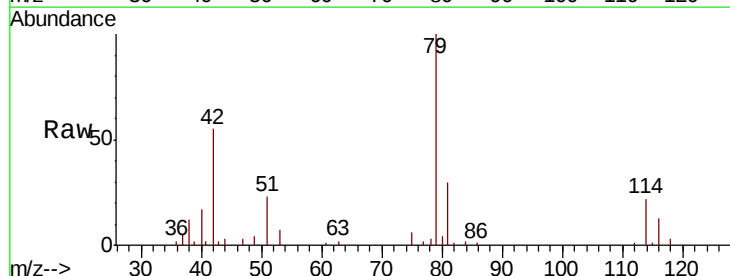
Instrument :
 MSVOA_U
 ClientSampleId :

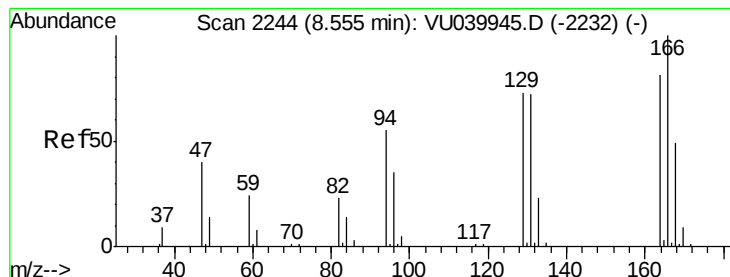
Tot Ion: 63 Resp: 3813
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039954.D
 Acq: 24 Aug 2020 18:11

Tgt Ion: 75 Resp: 1085
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.6 42.0





#47

Tetrachloroethene

Concen: 0.592 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039954.D

Acq: 24 Aug 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 2674

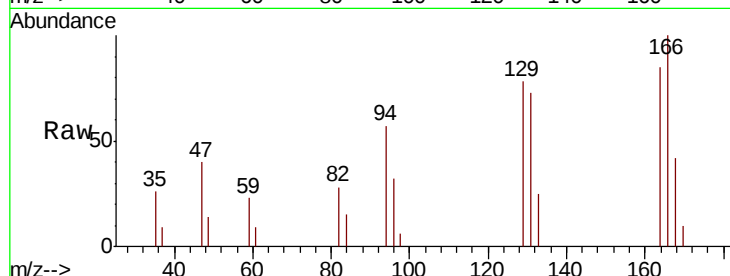
Ion Ratio Lower Upper

164 100

129 91.1 69.1 128.3

131 85.2 66.0 122.6

166 117.3 94.0 174.6



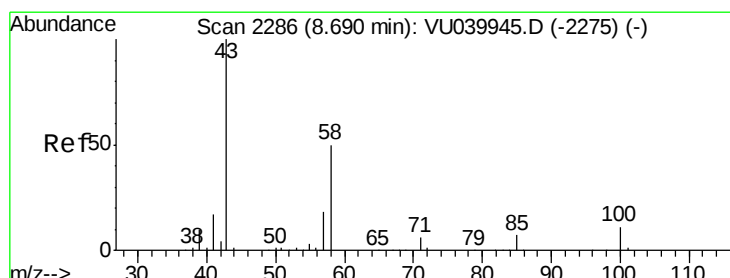
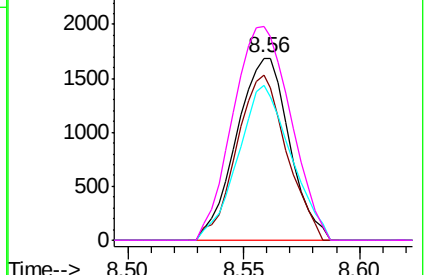
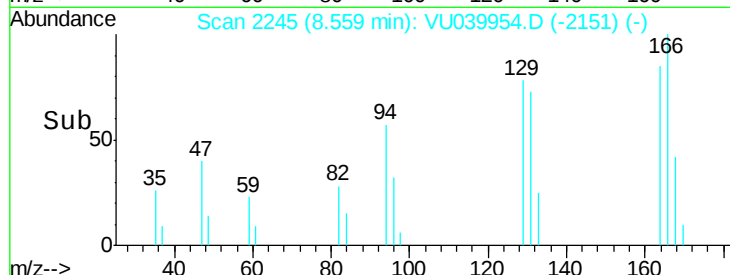
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



#48

2-Hexanone

Concen: 2.603 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU039954.D

Acq: 24 Aug 2020 18:11

Tgt Ion: 43 Resp: 9268

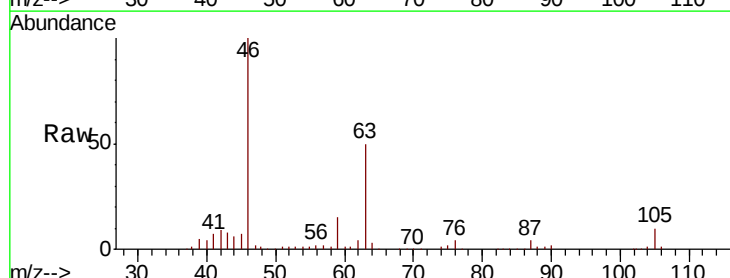
Ion Ratio Lower Upper

43 100

58 24.0 41.3 61.9#

57 25.0 14.1 21.1#

100 0.0 9.1 13.7#



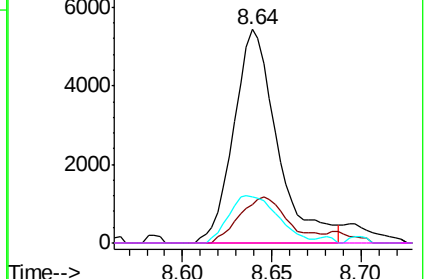
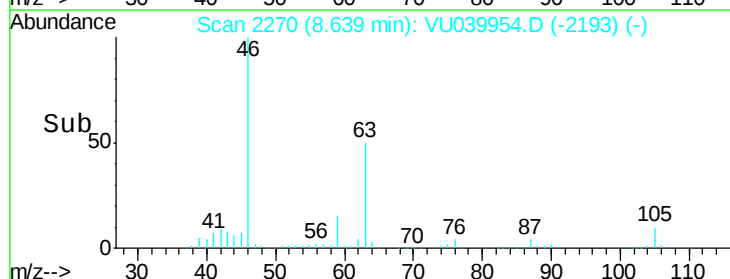
Abundance Ion 43.05 (42.75 to 43.75): VU0

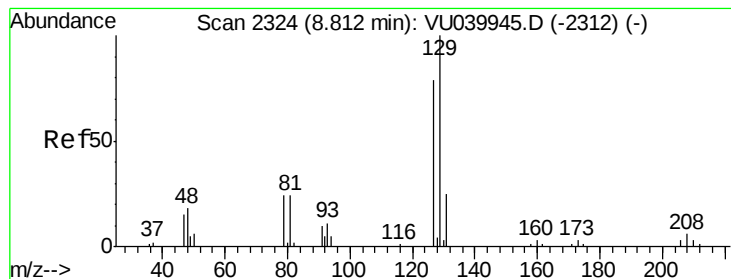
Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->





#49

Dibromochloromethane

Concen: 0.403 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU039954.D

Acq: 24 Aug 2020 18:11

Instrument :

MSVOA_U

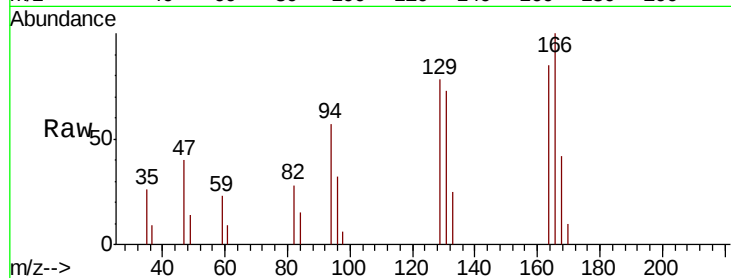
ClientSampleId :

Tot Ion:129 Resp: 2293

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

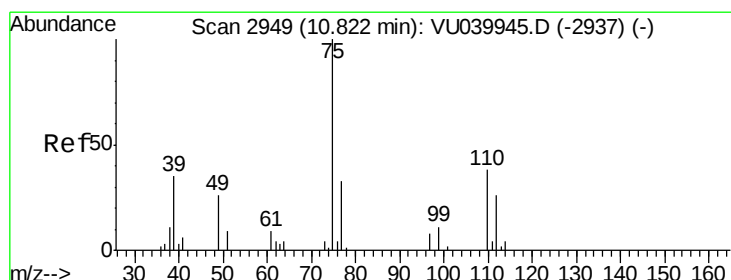
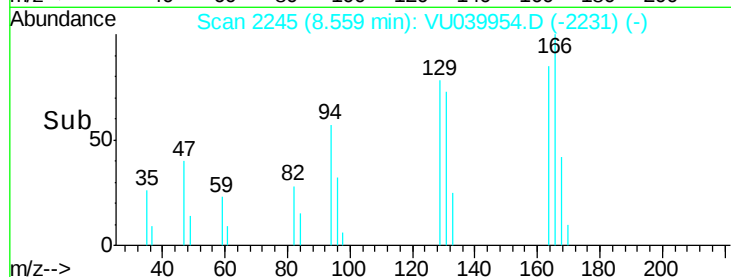
1500

1000

500

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039954.D

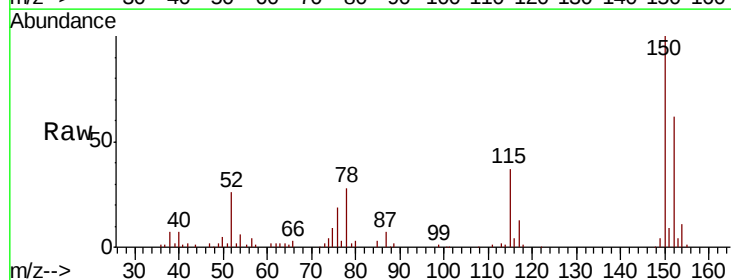
Acq: 24 Aug 2020 18:11

Tgt Ion: 75 Resp: 4399

Ion Ratio Lower Upper

75 100

77 36.0 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

3000

2500

2000

1500

1000

500

0

Time--> 11.75 11.80 11.85

