

Data File : VU035965.D
Acq On : 04 Dec 2019 12:29
Operator : JC/SP
Sample : K6056-14DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE20DL

Quant Time: Dec 05 03:57:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	308689	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	332649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153340	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	125449	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	165768	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.70	46	277630	44.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	5.11	84	222581	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.75	65	117413	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.77	84	423427	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.73	67	139047	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	339647	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.22	79	49849	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.68	63	207466	40.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.88%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117521	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	108010	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

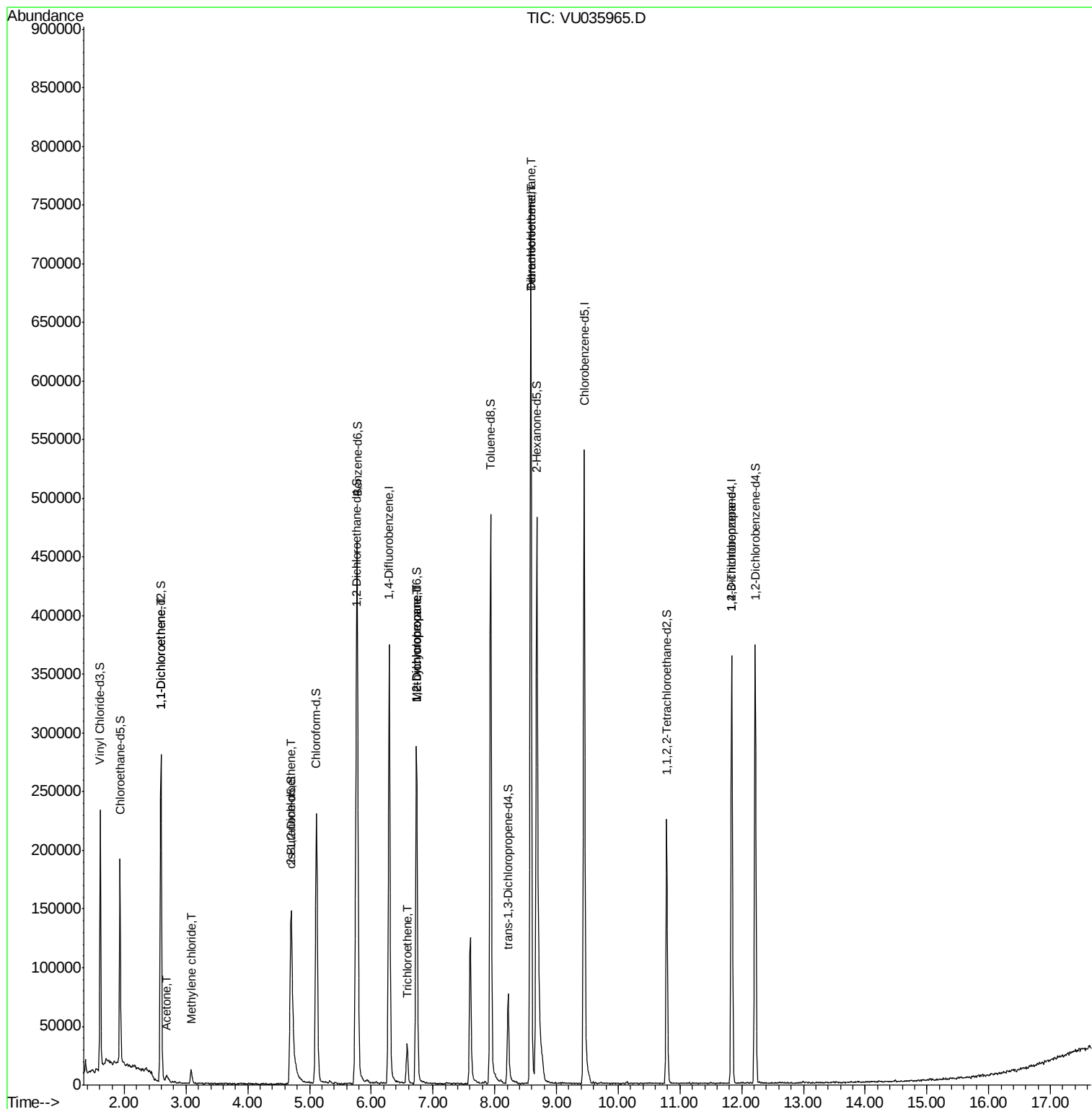
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1506	0.068 ug/L #	1
13) Acetone	2.69	43	7814	1.387 ug/L	79
16) Methylene chloride	3.09	84	5660	0.165 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	2693	0.109 ug/L	88
34) Trichloroethene	6.58	95	11740	0.444 ug/L	91
35) Methylcyclohexane	6.73	83	31443	0.793 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	15509	0.548 ug/L #	89
47) Tetrachloroethene	8.58	164	177149	8.239 ug/L	95
49) Dibromochloromethane	8.58	129	158304	6.732 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	13440	0.730 ug/L	94

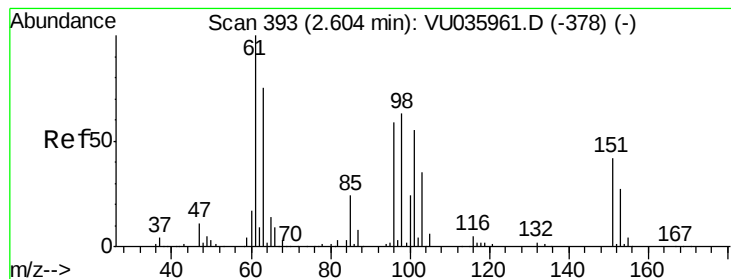
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU035965.D

Acq: 04 Dec 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

BFE20DL

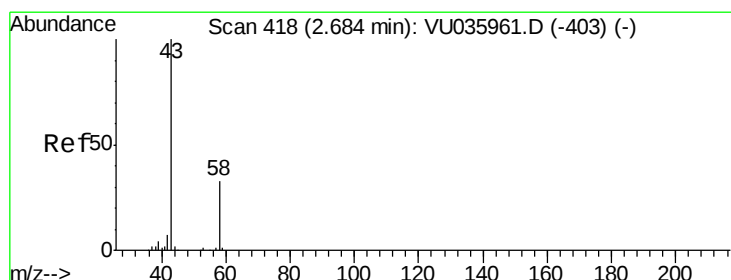
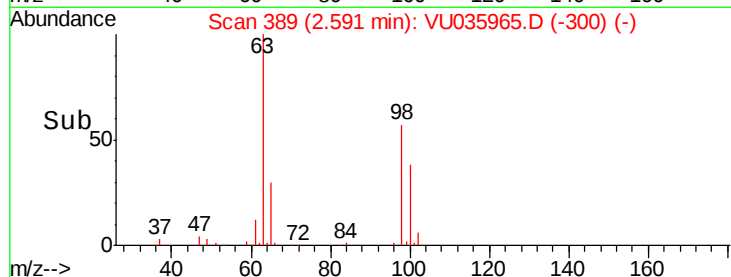
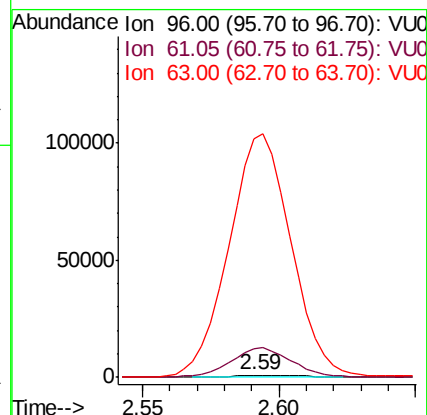
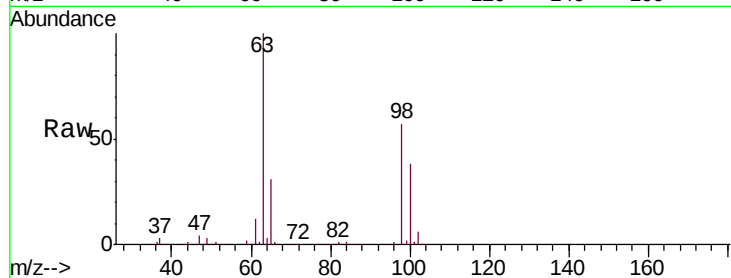
Tgt Ion: 96 Resp: 1506

Ion Ratio Lower Upper

96 100

61 1271.8 127.1 236.1#

63 10471.4 86.0 159.8#



#13

Acetone

Concen: 1.387 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035965.D

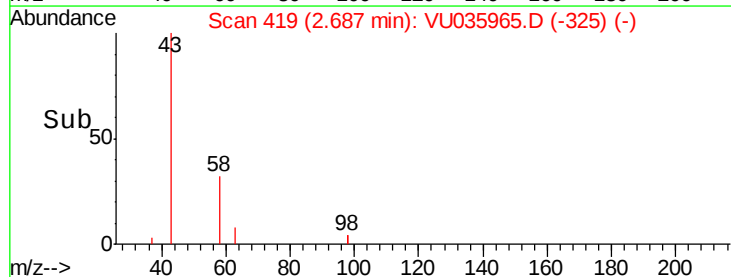
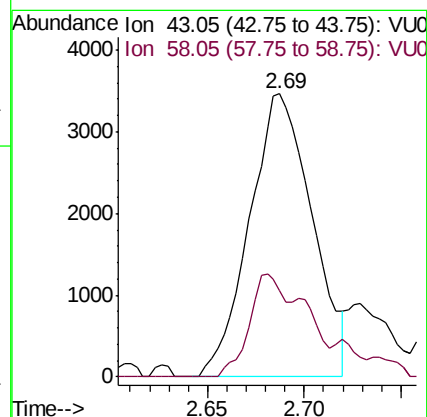
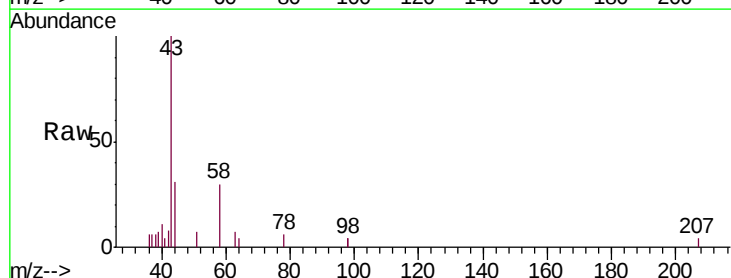
Acq: 04 Dec 2019 12:29

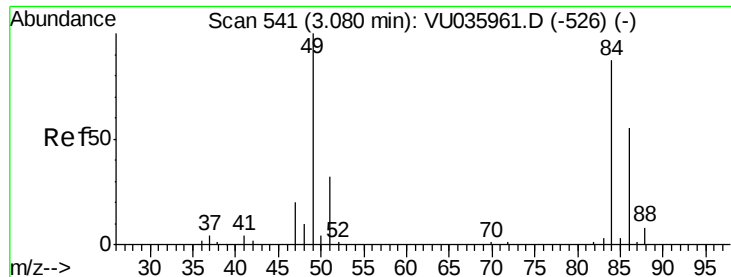
Tgt Ion: 43 Resp: 7814

Ion Ratio Lower Upper

43 100

58 22.1 0.0 68.6

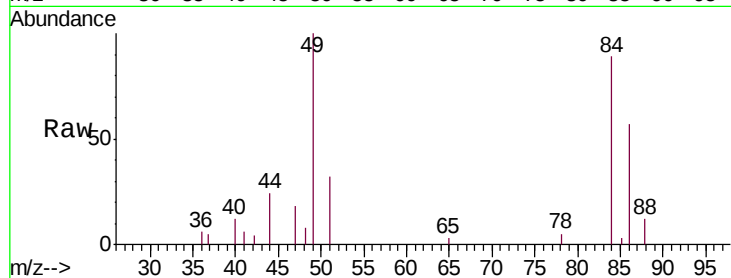




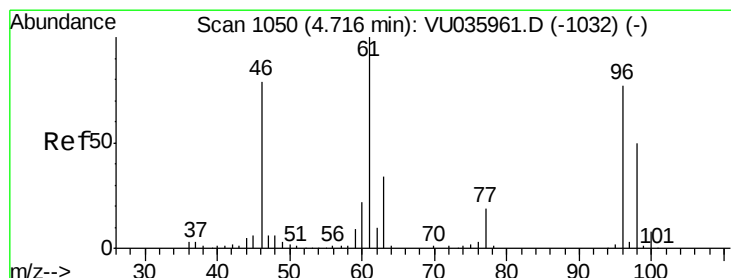
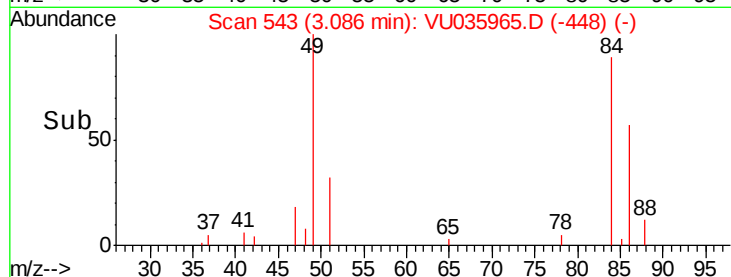
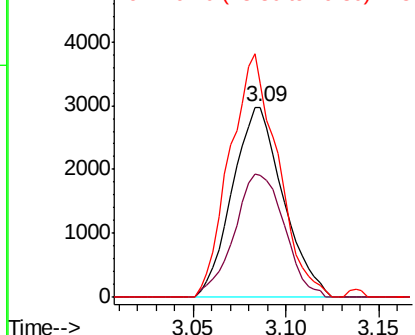
#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035965.D
Acq: 04 Dec 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
BFE20DL

Tgt Ion: 84 Resp: 5660
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 112.8 86.2 160.2

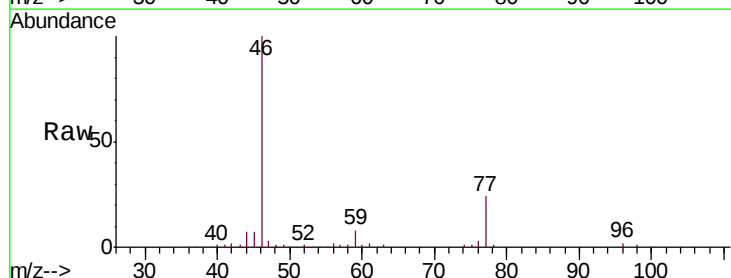


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

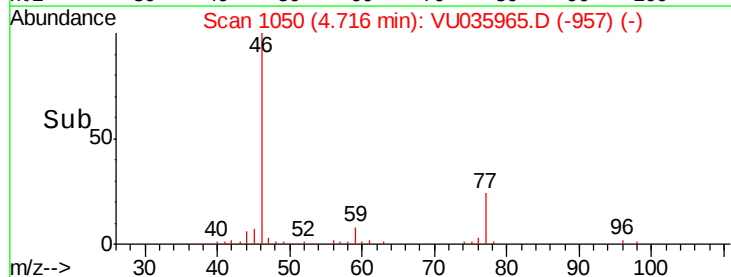
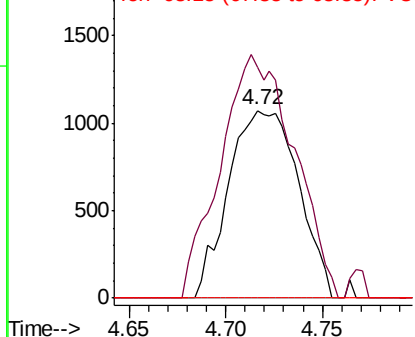


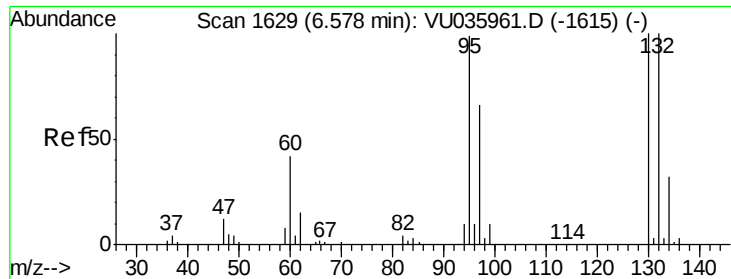
#22
cis-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035965.D
Acq: 04 Dec 2019 12:29

Tgt Ion: 96 Resp: 2693
Ion Ratio Lower Upper
96 100
61 122.7 95.7 177.7
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

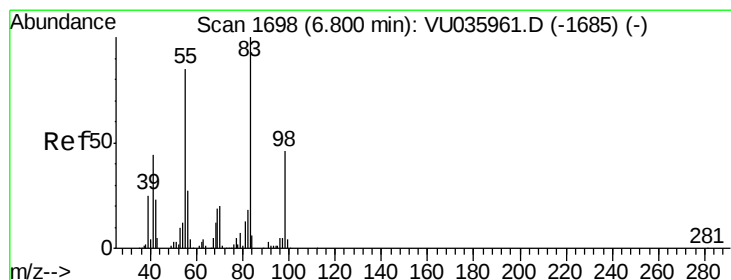
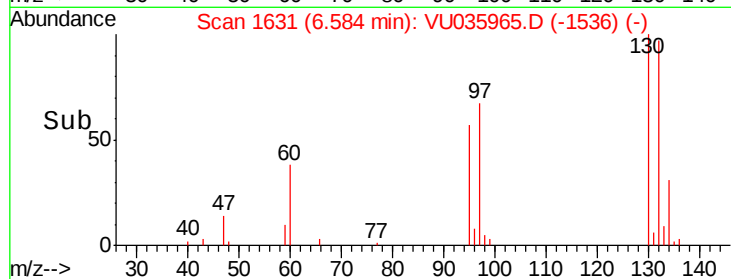
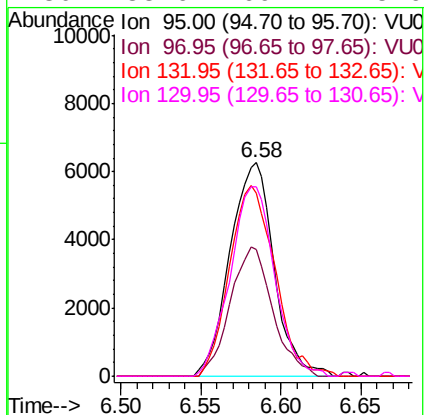
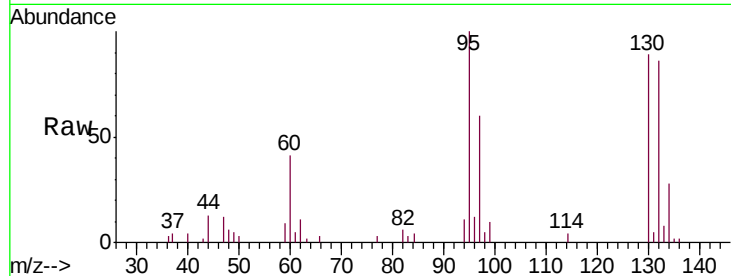




#34
 Trichloroethene
 Concen: 0.444 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: VU035965.D
 Acq: 04 Dec 2019 12:29

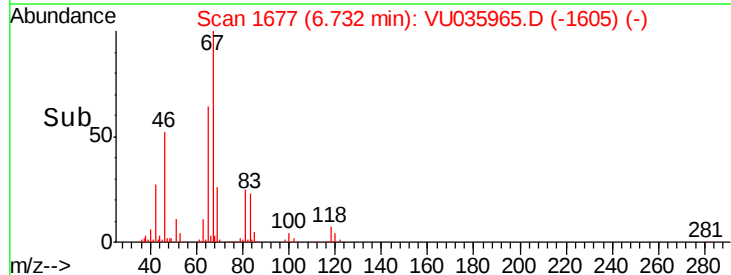
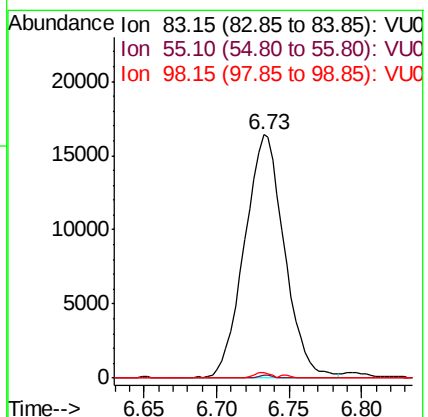
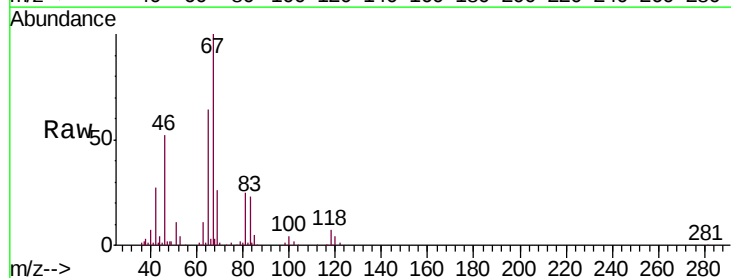
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 MSVOA_U
 ClientSampleId :
 BFE20DL

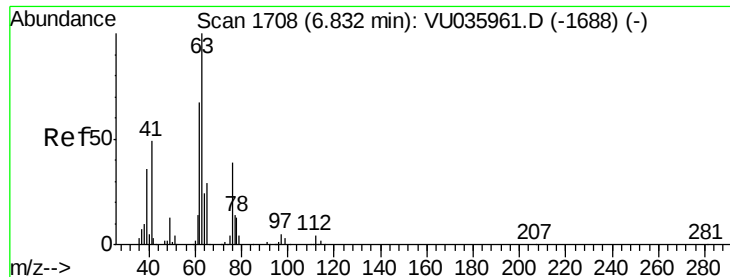
Tgt Ion: 95 Resp: 11740
 Ion Ratio Lower Upper
 95 100
 97 59.5 46.3 85.9
 132 85.6 65.7 122.1
 130 88.6 69.2 128.6



#35
 Methylcyclohexane
 Concen: 0.793 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU035965.D
 Acq: 04 Dec 2019 12:29

Tgt Ion: 83 Resp: 31443
 Ion Ratio Lower Upper
 83 100
 55 0.4 67.4 101.0#
 98 0.9 34.6 52.0#

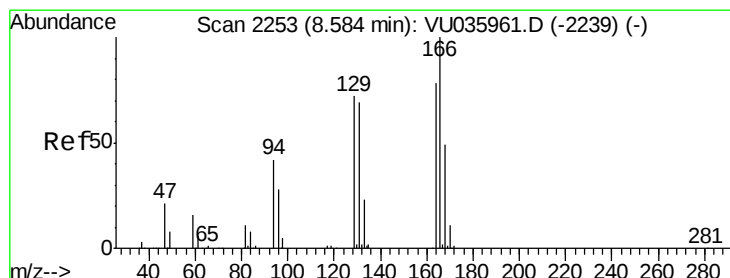
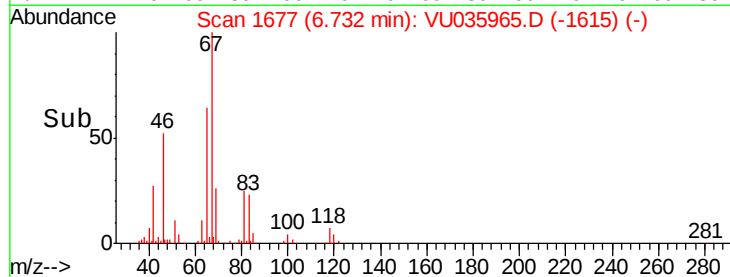
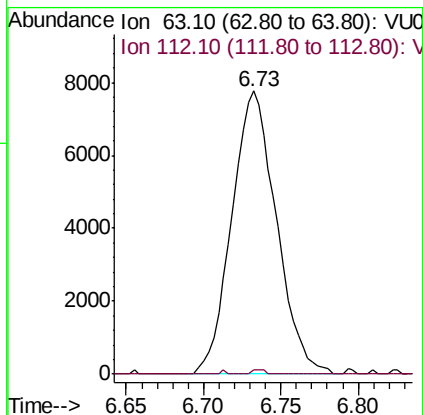
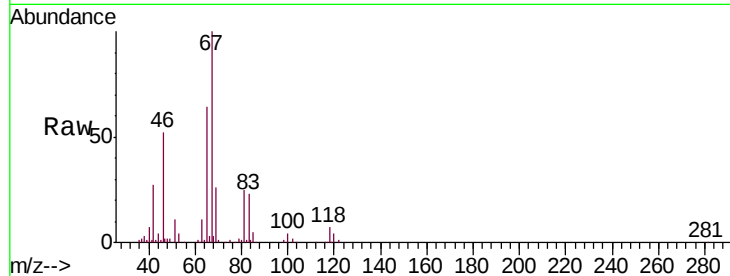




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035965.D
 Acq: 04 Dec 2019 12:29

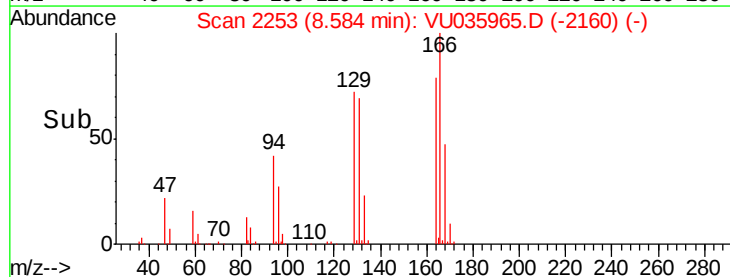
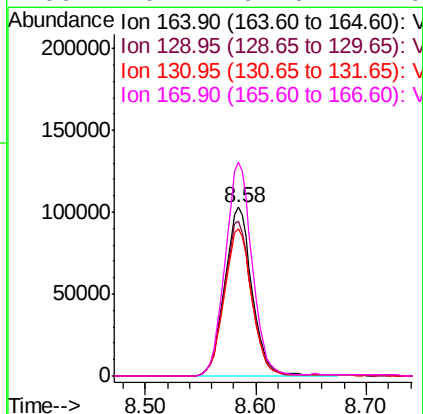
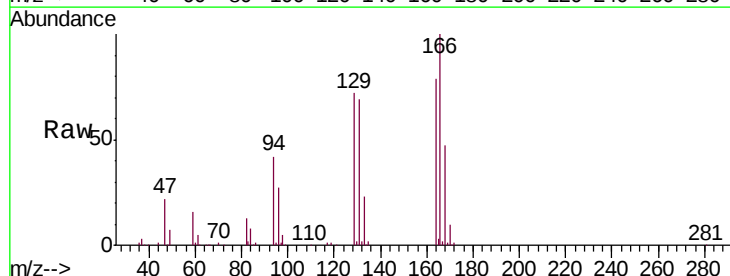
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE20DL

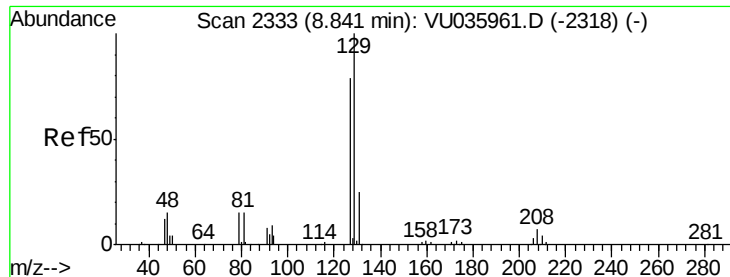
Tgt Ion: 63 Resp: 15509
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 8.239 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035965.D
 Acq: 04 Dec 2019 12:29

Tgt Ion: 164 Resp: 177149
 Ion Ratio Lower Upper
 164 100
 129 91.5 67.9 126.1
 131 87.5 64.1 119.1
 166 126.4 92.6 172.0





#49

Dibromochloromethane

Concen: 6.732 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035965.D

Acq: 04 Dec 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

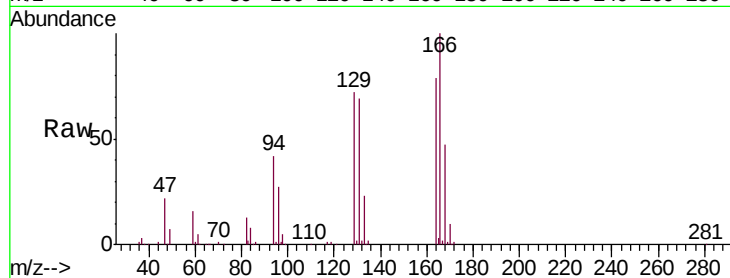
BFE20DL

Tgt Ion:129 Resp: 158304

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

100000

80000

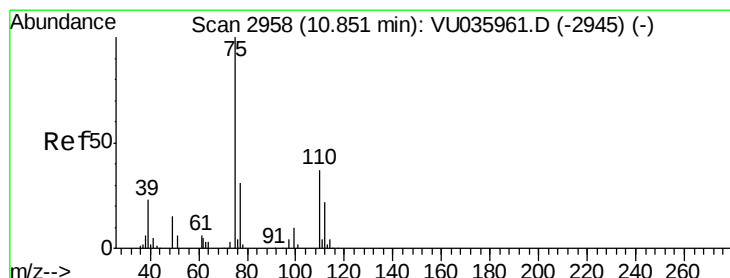
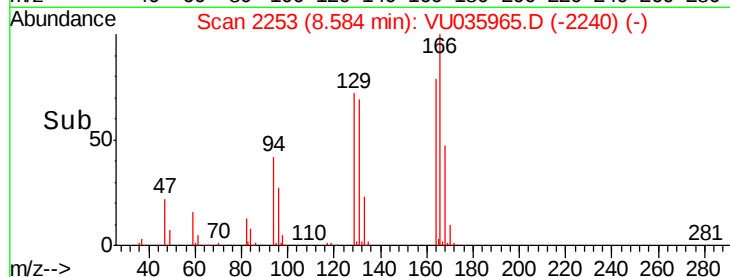
60000

40000

20000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.730 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035965.D

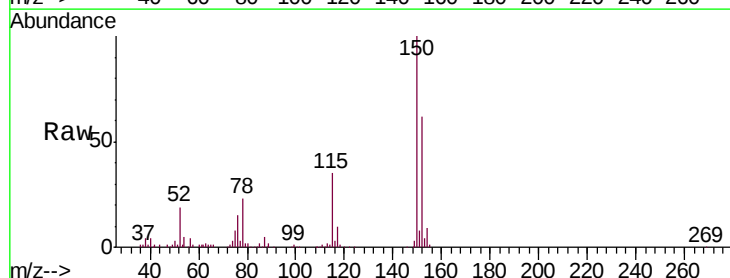
Acq: 04 Dec 2019 12:29

Tgt Ion: 75 Resp: 13440

Ion Ratio Lower Upper

75 100

77 36.8 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

8000

6000

4000

2000

0

Time-->

