

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040513.D
 Acq On : 05 Oct 2020 16:31
 Operator : SY/MD
 Sample : L4266-01DL 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS99DL

Quant Time: Oct 06 07:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106336	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28337	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.92	69	24718	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	46226	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.65	46	127292	48.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.36%
24) Chloroform-d	5.08	84	62032	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	40783	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.74	84	116801	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.70	67	40683	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	93026	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	16240	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.64	63	92598	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37993	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39126	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

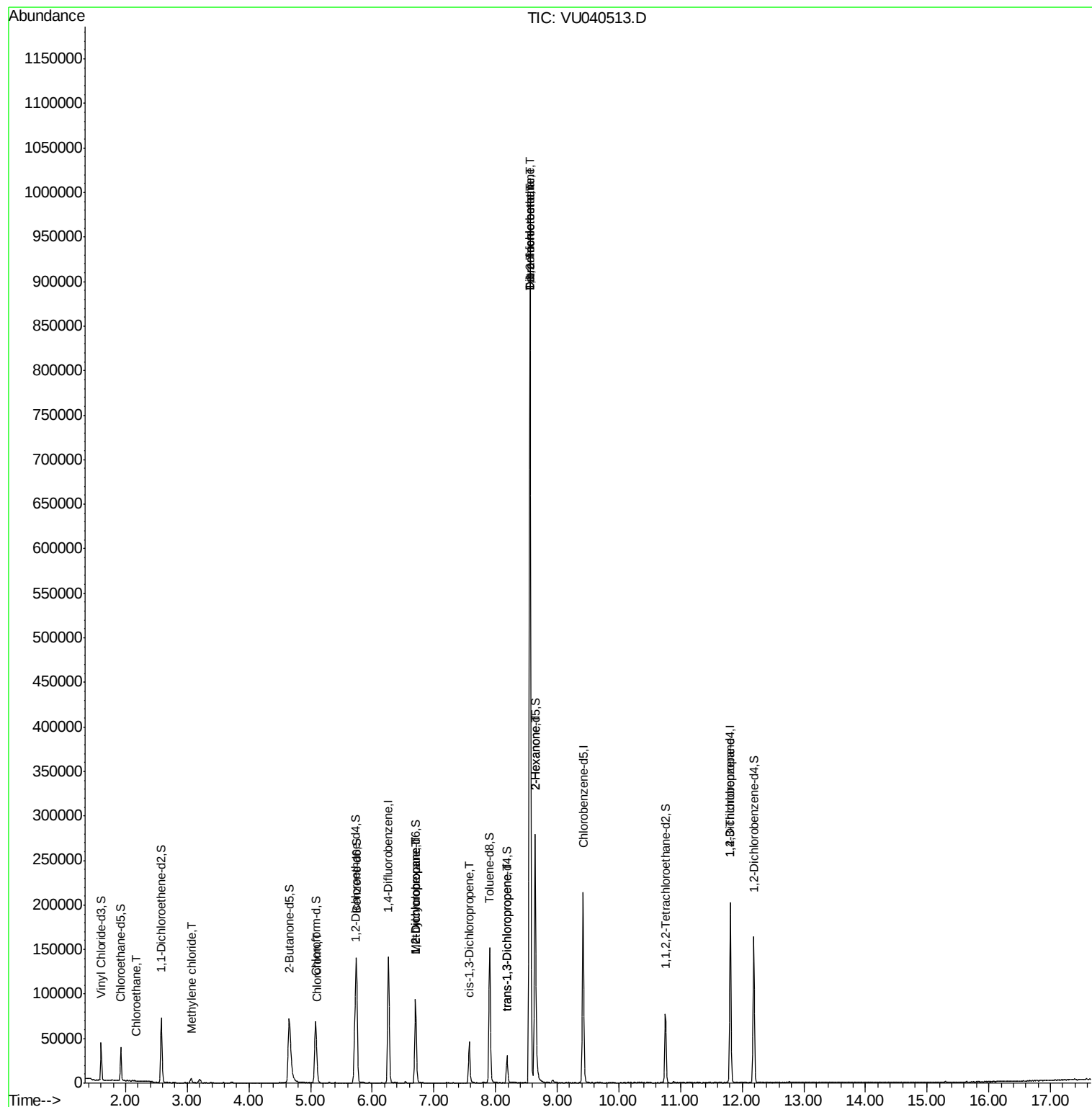
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.18	64	236	0.039	ug/L	99
16) Methylene chloride	3.06	84	2597	0.255	ug/L	89
25) Chloroform	5.11	83	3547	0.202	ug/L	87
35) Methylcyclohexane	6.70	83	9968	0.698	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4551	0.445	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1341	0.098	ug/L #	76
44) trans-1,3-Dichloropropene	8.19	75	708	0.056	ug/L #	1
45) 1,1,2-Trichloroethane	8.56	97	2048	0.286	ug/L #	26
47) Tetrachloroethene	8.56	164	199490	28.842	ug/L	99
48) 2-Hexanone	8.64	43	12935	2.194	ug/L #	72
49) Dibromochloromethane	8.56	129	198789	23.856	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6633	0.896	ug/L	89

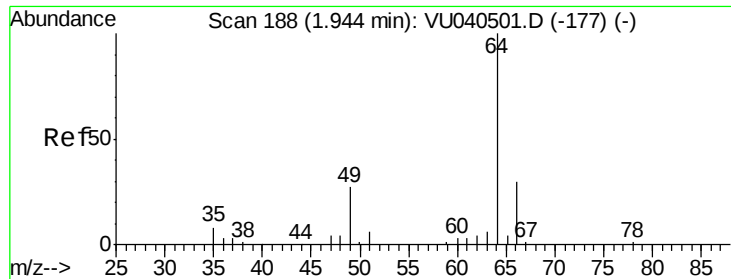
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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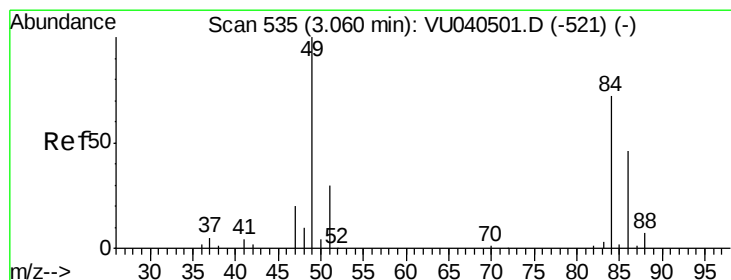
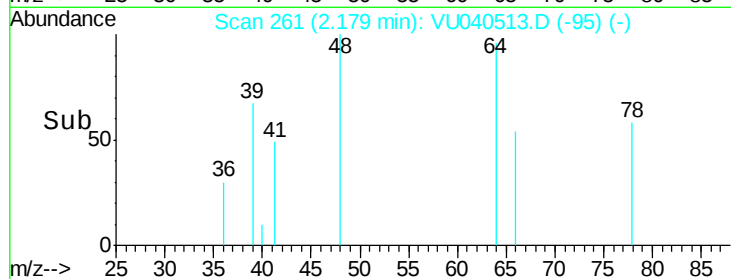
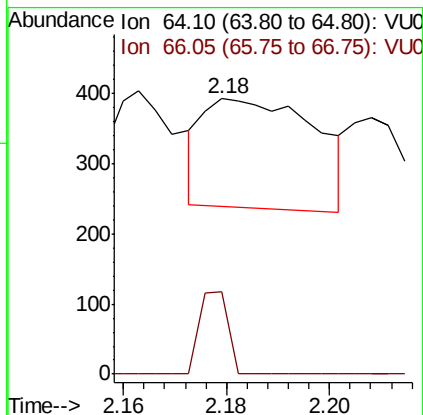
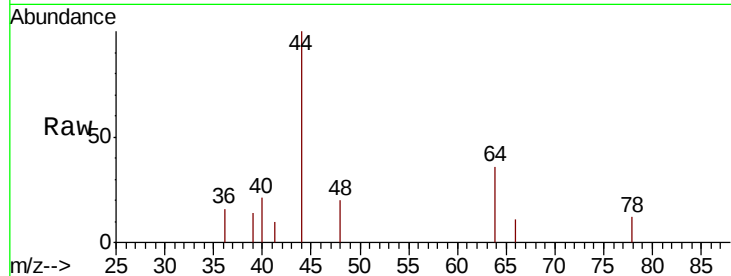




#8
Chloroethane
Concen: 0.039 ug/L
RT: 2.18 min Scan# 261
Delta R.T. 0.23 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

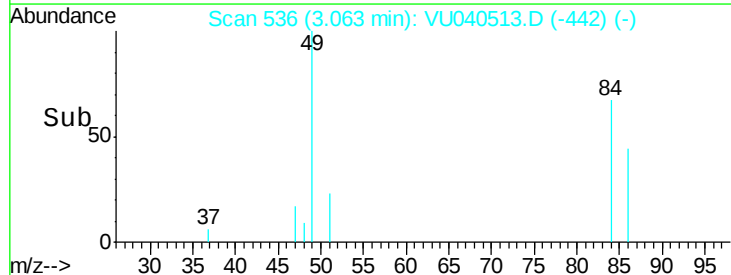
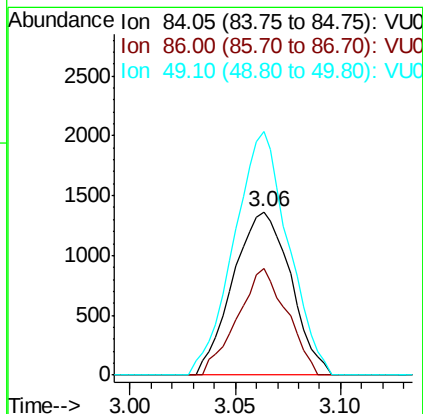
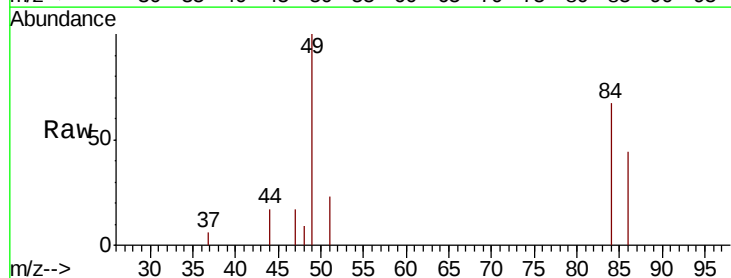
Instrument :
MSVOA_U
ClientSampleId :
BFS99DL

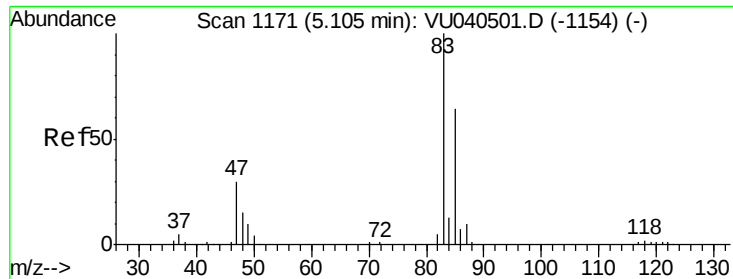
Tot Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 29.8 21.3 39.6



#16
Methylene chloride
Concen: 0.255 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

Tgt Ion: 84 Resp: 2597
Ion Ratio Lower Upper
84 100
86 65.7 44.4 82.5
49 149.4 92.2 171.2

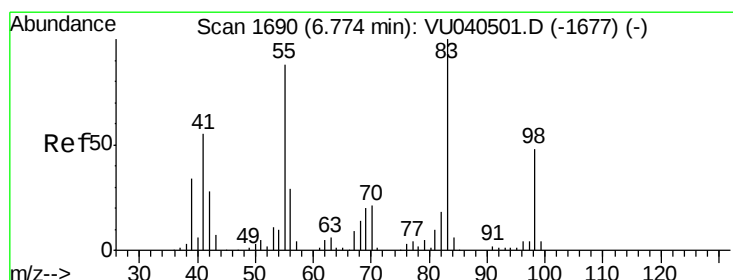
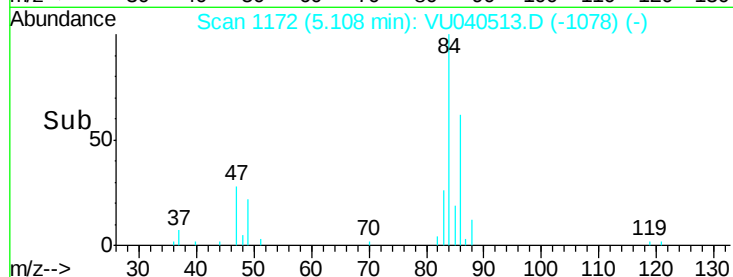
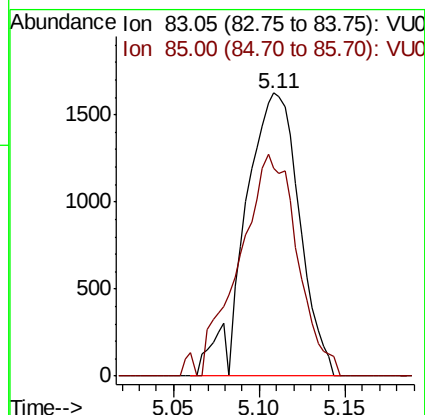
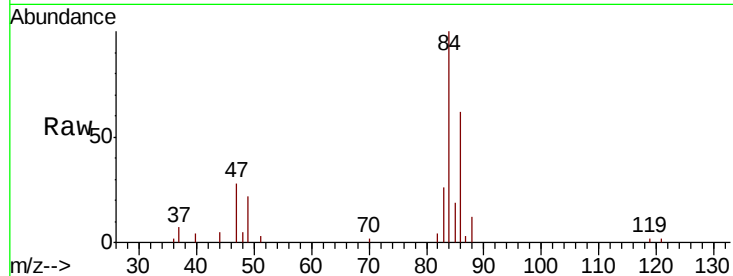




#25
Chloroform
Concen: 0.202 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

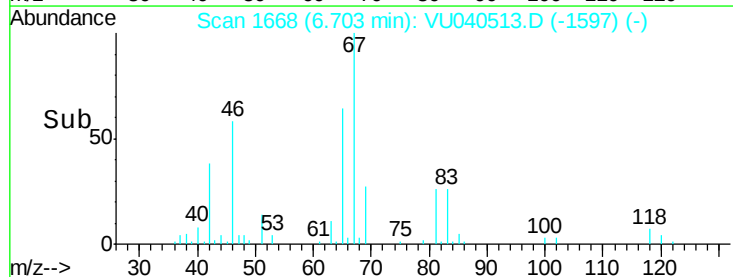
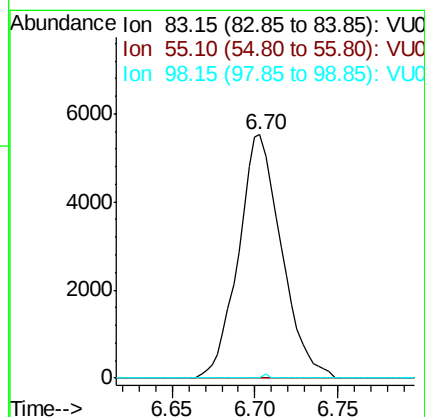
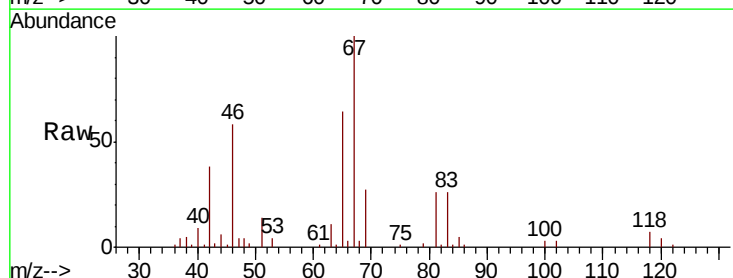
Instrument :
MSVOA_U
ClientSampleId :
BFS99DL

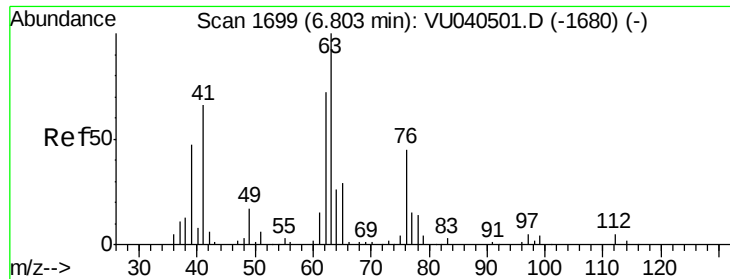
Tot Ion: 83 Resp: 3547
Ion Ratio Lower Upper
83 100
85 73.5 44.6 82.8



#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

Tgt Ion: 83 Resp: 9968
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.2 38.5 57.7#

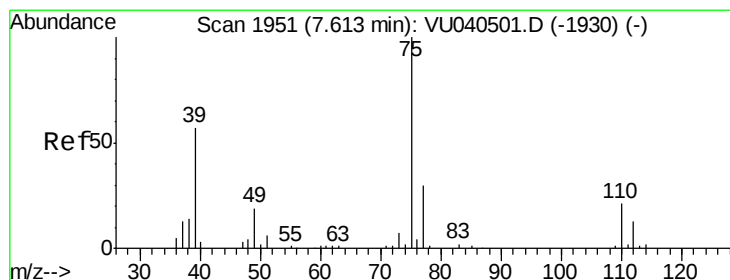
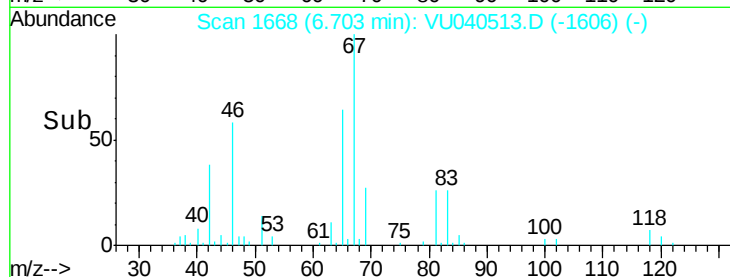
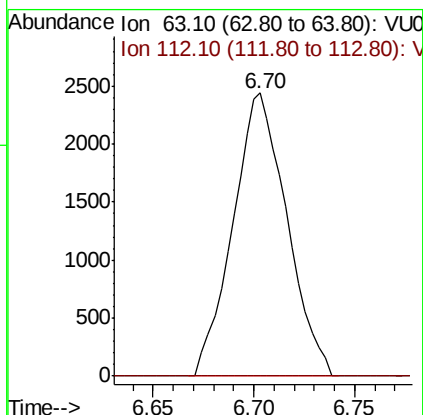
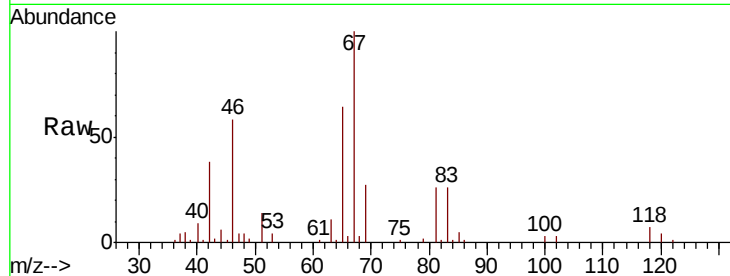




#37
 1,2-Dichloropropane
 Concen: 0.445 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040513.D
 Acq: 05 Oct 2020 16:31

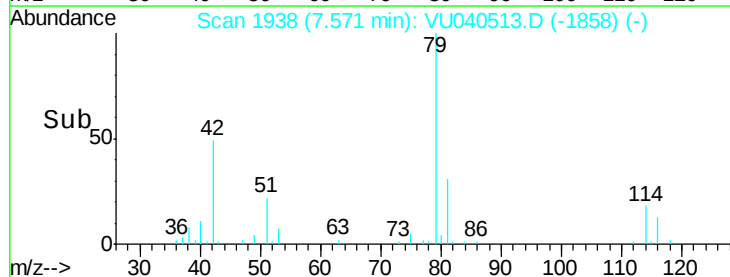
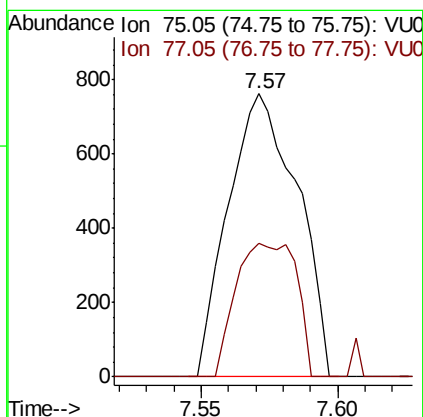
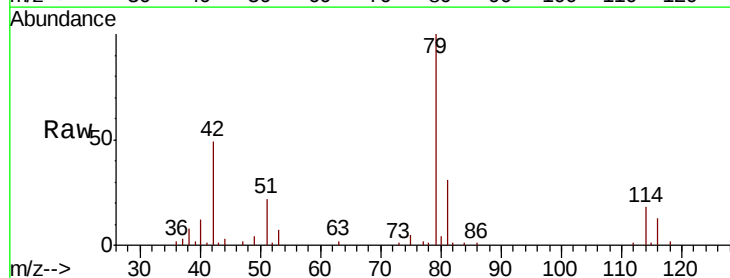
Instrument :
 MSVOA_U
 ClientSampled :
 BFS99DL

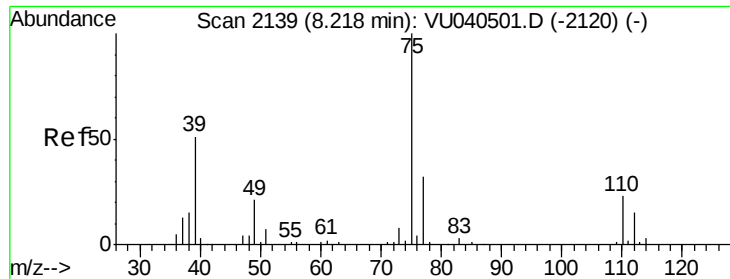
Tot Ion: 63 Resp: 4551
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040513.D
 Acq: 05 Oct 2020 16:31

Tgt Ion: 75 Resp: 1341
 Ion Ratio Lower Upper
 75 100
 77 47.2 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040513.D

Acq: 05 Oct 2020 16:31

Instrument :

MSVOA_U

ClientSampleId :

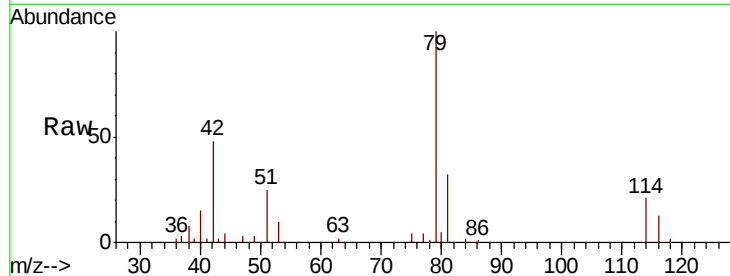
BFS99DL

Tot Ion: 75 Resp: 708

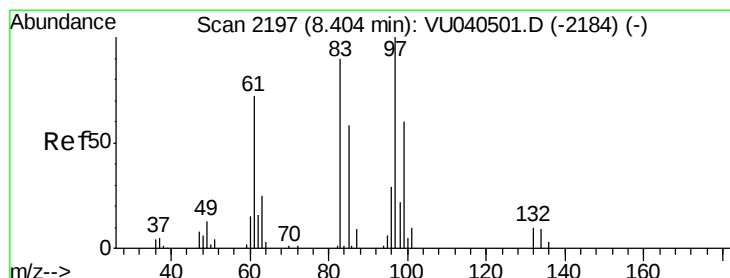
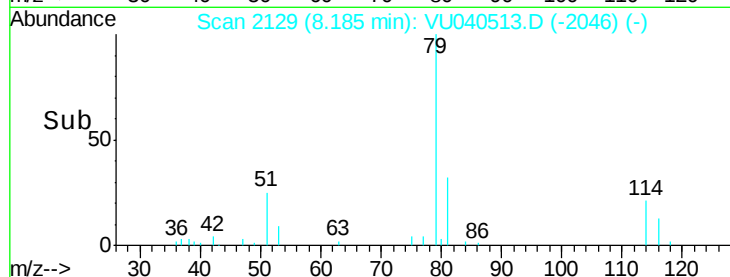
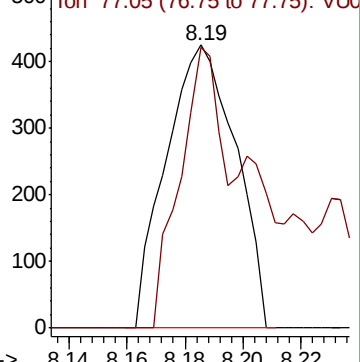
Ion Ratio Lower Upper

75 100

77 99.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040513.D (-2120) (-)



#45

1,1,2-Trichloroethane

Concen: 0.286 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.15 min

Lab File: VU040513.D

Acq: 05 Oct 2020 16:31

Tgt Ion: 97 Resp: 2048

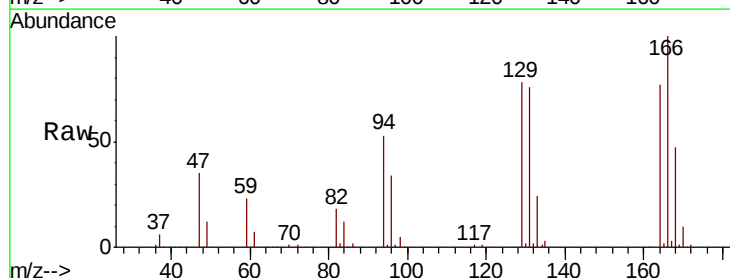
Ion Ratio Lower Upper

97 100

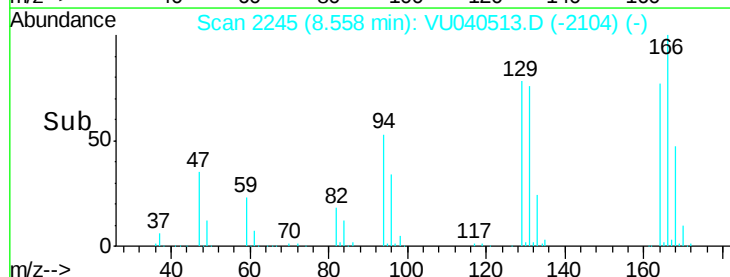
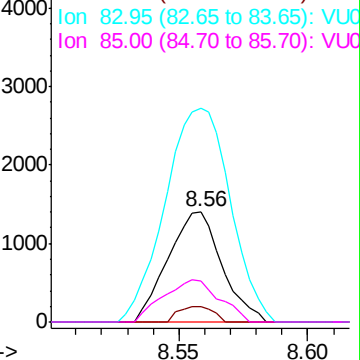
99 13.5 45.8 85.0#

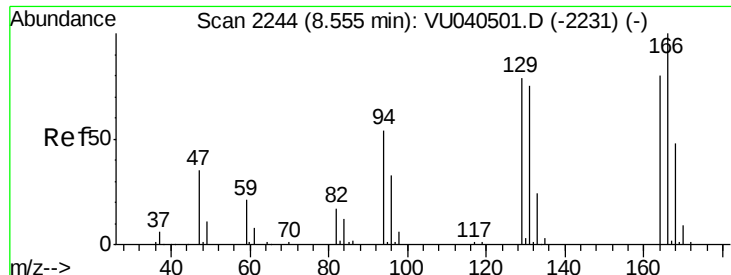
83 193.6 62.9 116.9#

85 37.0 41.7 77.5#



Abundance Ion 96.95 (96.65 to 97.65): VU040513.D (-2104) (-)

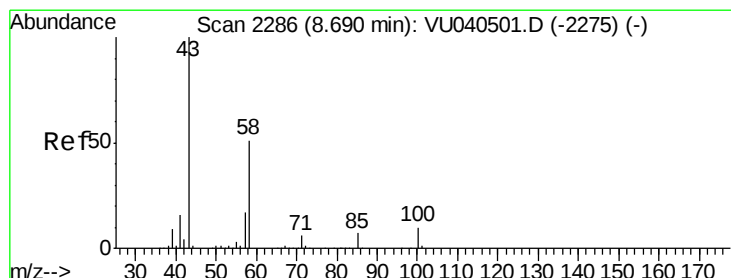
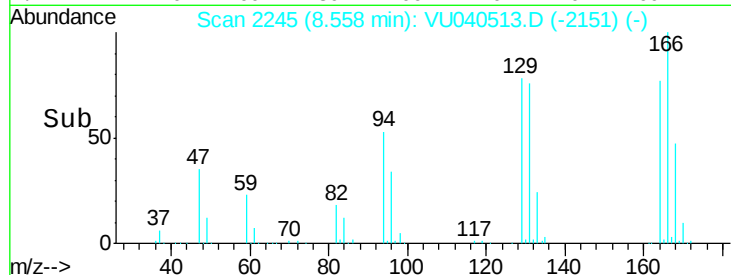
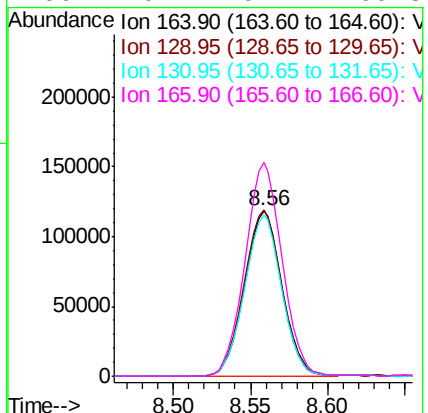
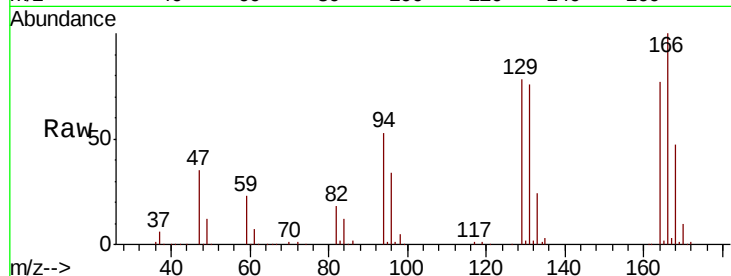




#47
Tetrachloroethene
Concen: 28.842 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

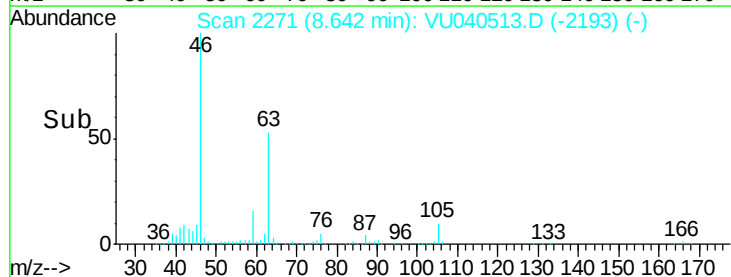
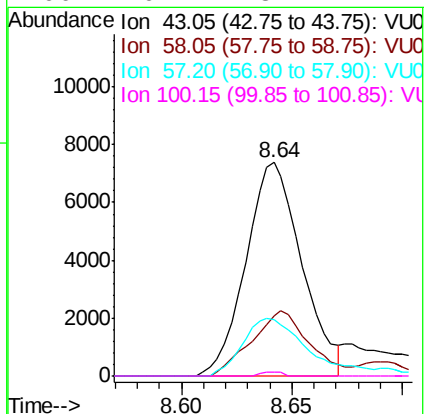
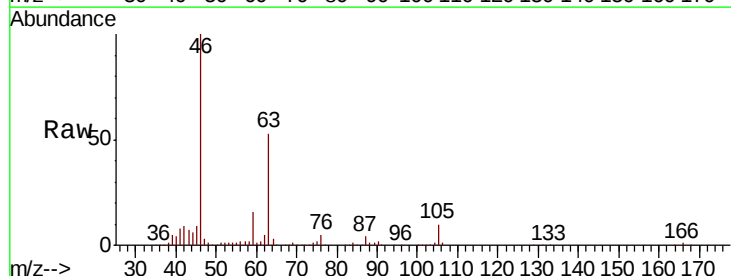
Instrument :
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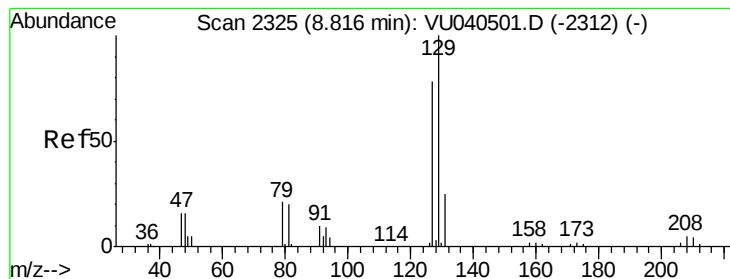
Tot Ion:164 Resp: 199490
Ion Ratio Lower Upper
164 100
129 101.0 70.3 130.7
131 97.6 69.2 128.6
166 129.2 91.1 169.3



#48
2-Hexanone
Concen: 2.194 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040513.D
Acq: 05 Oct 2020 16:31

Tgt Ion: 43 Resp: 12935
Ion Ratio Lower Upper
43 100
58 31.7 41.0 61.4#
57 31.4 14.6 22.0#
100 0.7 8.2 12.4#





#49

Dibromochloromethane

Concen: 23.856 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU040513.D

Acq: 05 Oct 2020 16:31

Instrument :

MSVOA_U

ClientSampleId :

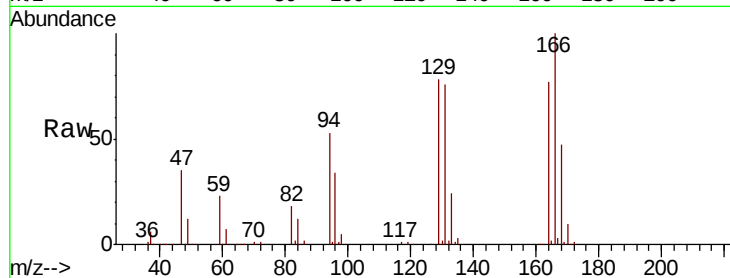
BFS99DL

Tot Ion:129 Resp: 198789

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

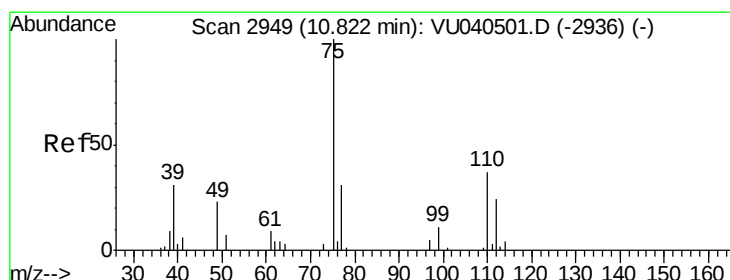
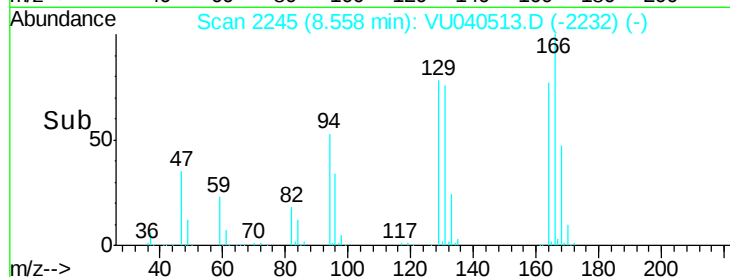
8.56

100000

50000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.896 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040513.D

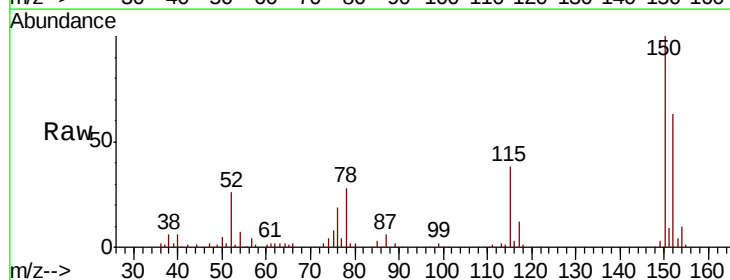
Acq: 05 Oct 2020 16:31

Tgt Ion: 75 Resp: 6633

Ion Ratio Lower Upper

75 100

77 38.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time-->

