

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039960.D
 Acq On : 25 Aug 2020 12:08
 Operator : SY/MD
 Sample : L3789-01DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD5DL

Quant Time: Aug 26 03:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31546	5.00	ug/L	0.00

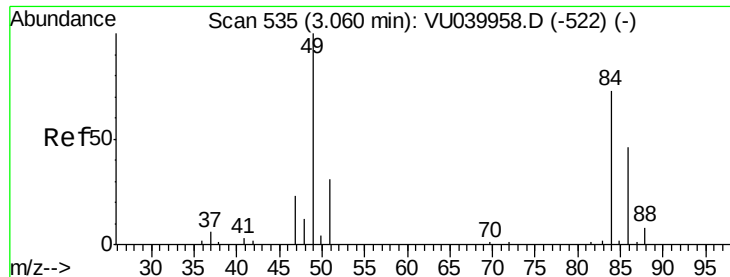
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26684	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.92	69	23170	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	43687	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.66	46	89788	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.08	84	54584	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	30412	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	102576	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	33811	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	88225	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.18	79	12977	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	65567	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26204	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34722	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

					Ovalue
16) Methylene chloride	3.06	84	1738	0.213 ug/L	91
35) Methylcyclohexane	6.70	83	8024	0.830 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4180	0.647 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1179	0.130 ug/L #	61
47) Tetrachloroethene	8.56	164	41144	8.833 ug/L	94
49) Dibromochloromethane	8.56	129	38846	6.624 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4523	0.976 ug/L	93

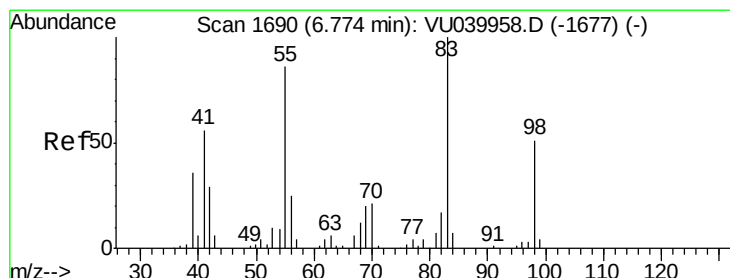
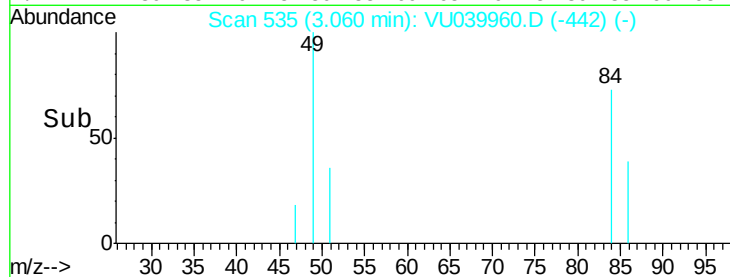
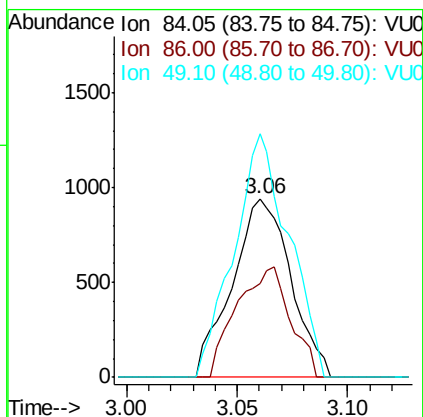
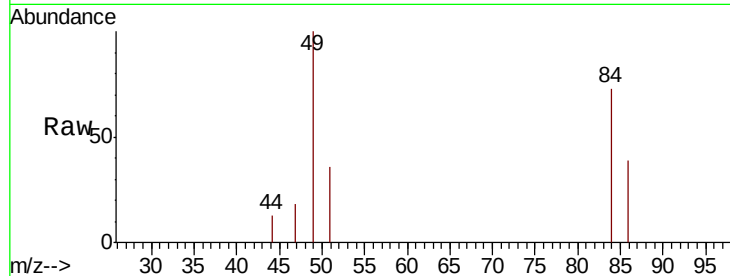
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.213 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039960.D
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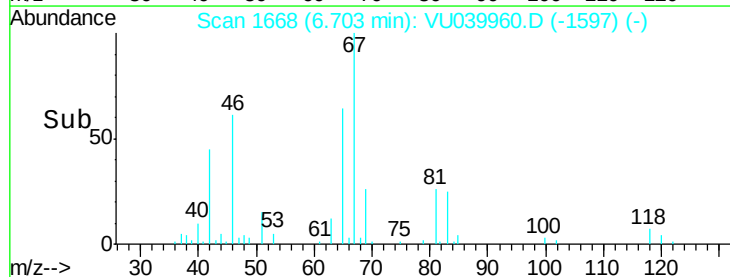
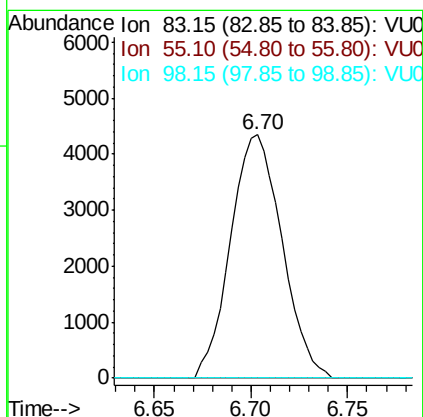
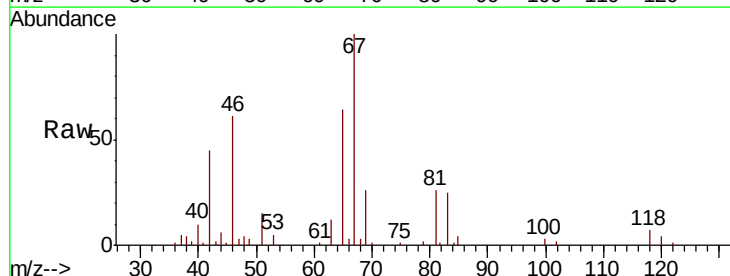
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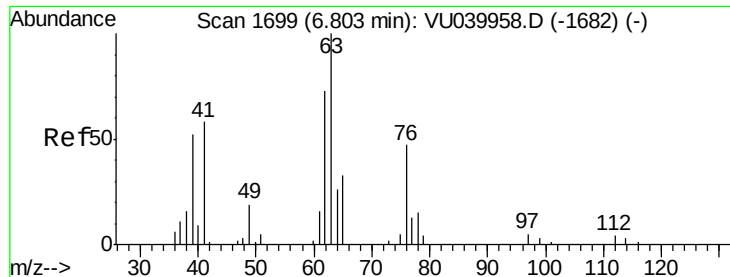
Tot Ion: 84 Resp: 1738
Ion Ratio Lower Upper
84 100
86 52.9 47.2 87.6
49 136.5 99.8 185.4



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039960.D
Acq: 25 Aug 2020 12:08

Tgt Ion: 83 Resp: 8024
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.0 39.4 59.0#

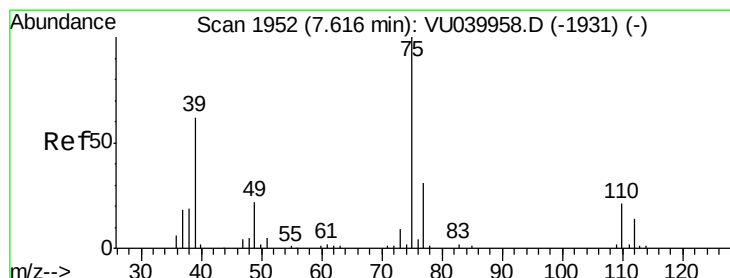
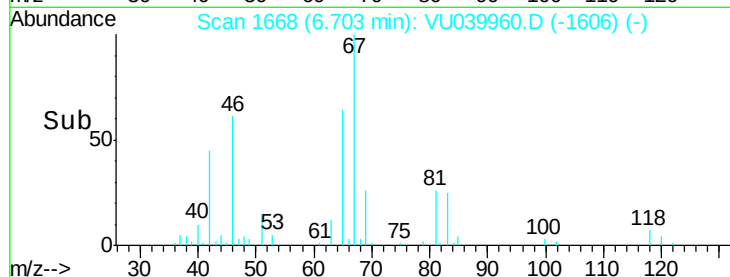
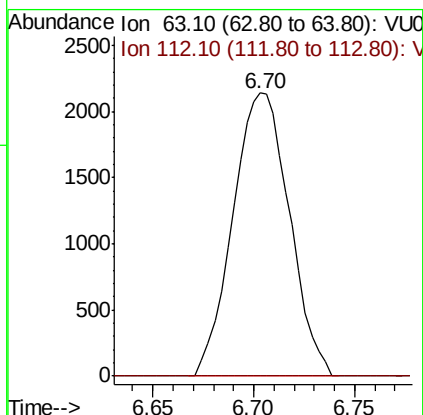
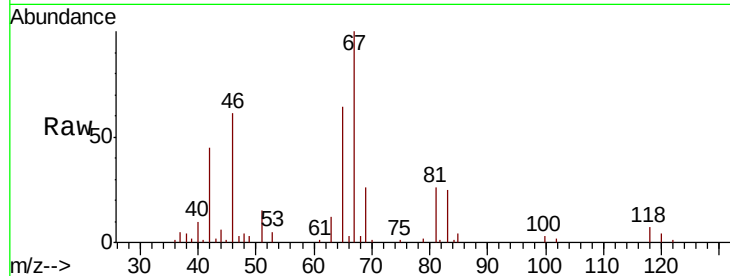




#37
 1,2-Dichloropropane
 Concen: 0.647 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039960.D
 Acq: 25 Aug 2020 12:08

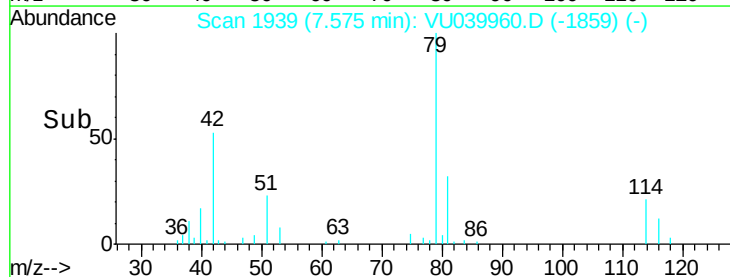
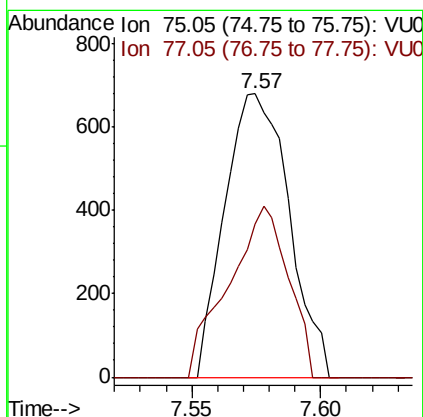
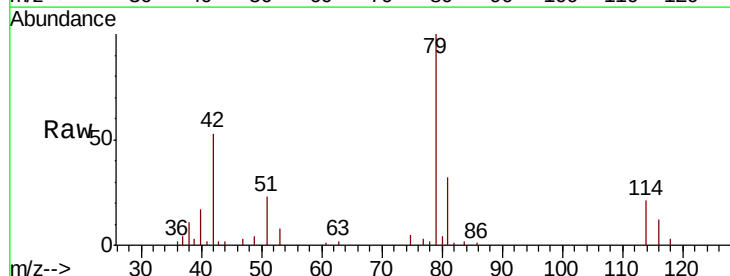
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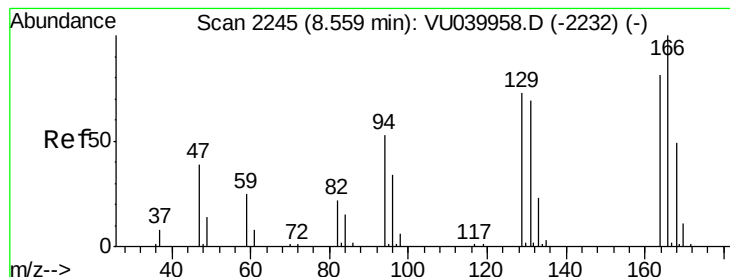
Tot Ion: 63 Resp: 4180
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039960.D
 Acq: 25 Aug 2020 12:08

Tgt Ion: 75 Resp: 1179
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.6 42.0#





#47

Tetrachloroethene

Concen: 8.833 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039960.D

Acq: 25 Aug 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

BFSD5DL

Tot Ion:164 Resp: 41144

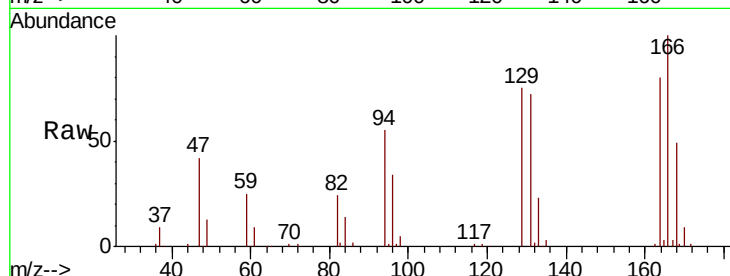
Ion Ratio Lower Upper

164 100

129 94.0 69.1 128.3

131 90.6 66.0 122.6

166 125.6 94.0 174.6

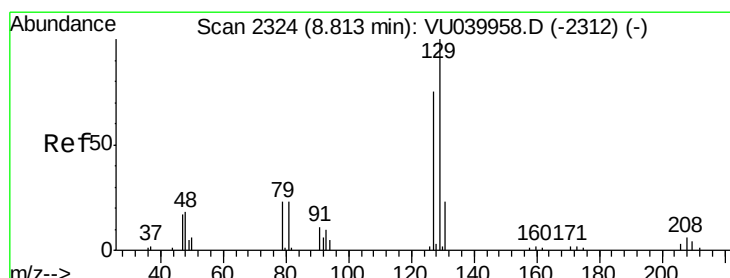
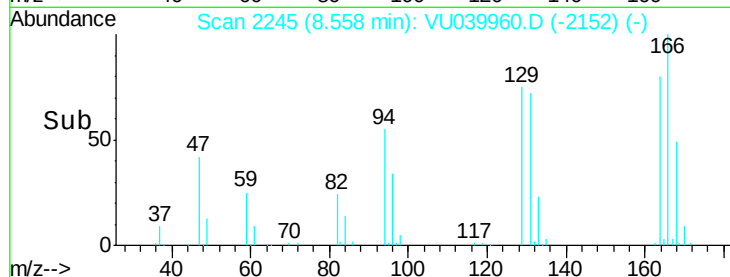
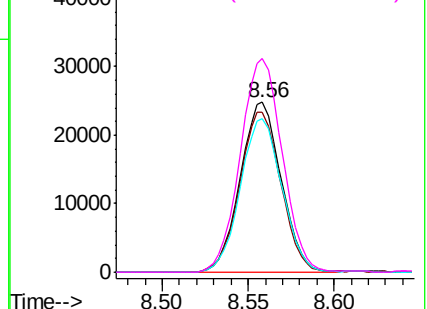


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 6.624 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039960.D

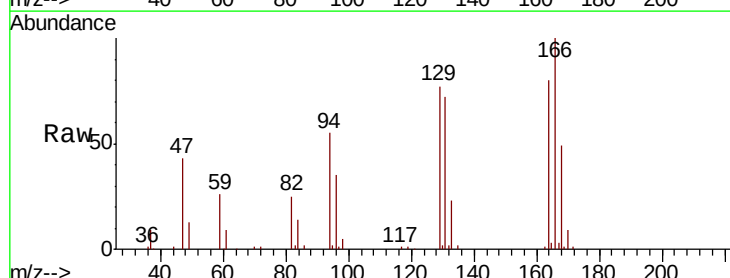
Acq: 25 Aug 2020 12:08

Tgt Ion:129 Resp: 38846

Ion Ratio Lower Upper

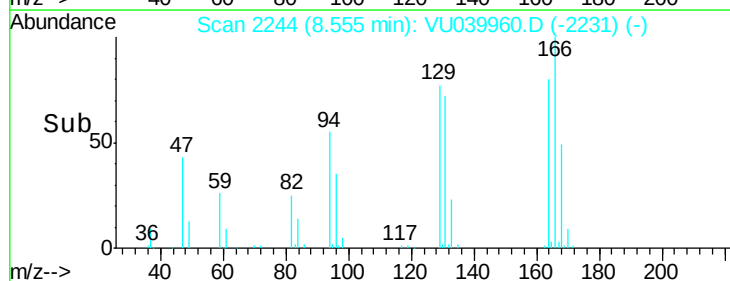
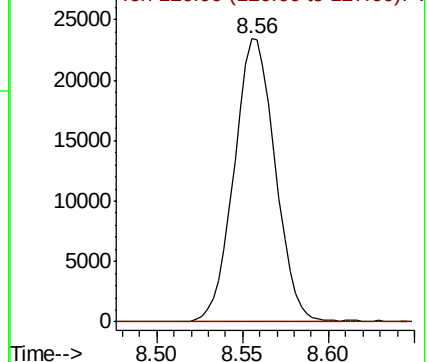
129 100

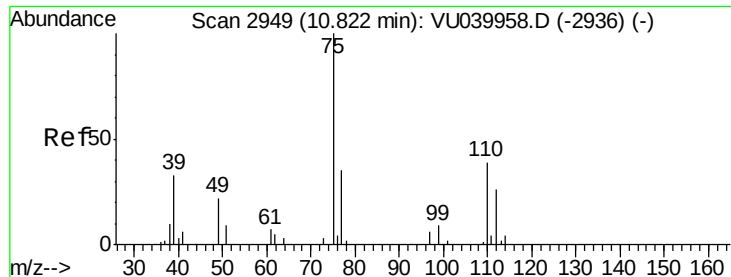
127 0.0 53.1 98.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039960.D

Acq: 25 Aug 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

BFSD5DL

Tot Ion: 75 Resp: 4523

Ion Ratio Lower Upper

75 100

77 38.2 27.4 41.2

