

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039249.D
 Acq On : 30 Jun 2020 23:13
 Operator : SY/MD
 Sample : VU0630WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 02:28:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	214207	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	227689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68519	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	82070	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.59	63	92544	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.67	46	292756	48.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	5.10	84	146352	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	93993	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	257367	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	87019	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.92	98	192216	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	37723	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.66	63	206778	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82434	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	86877	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

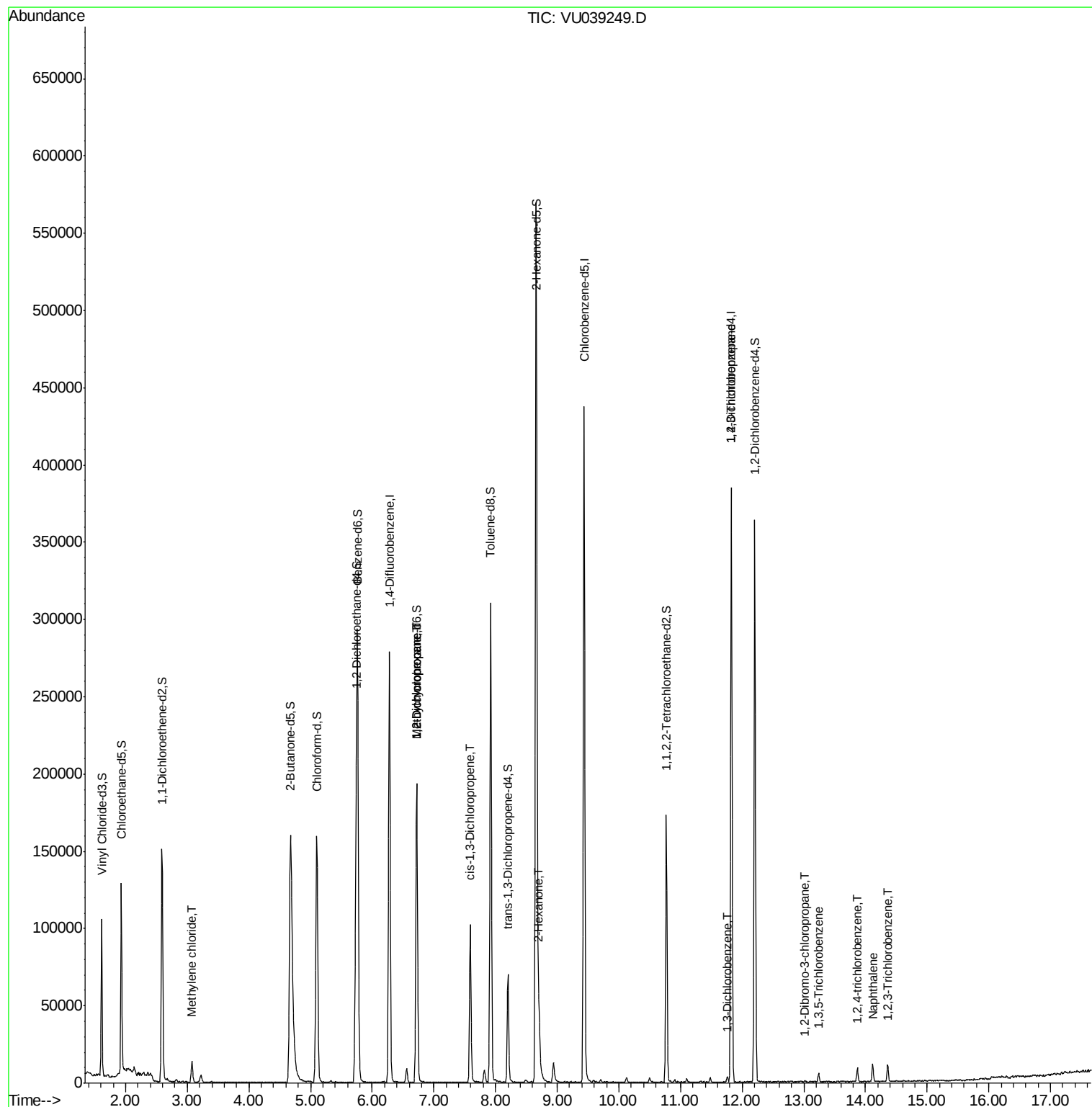
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	5774	0.278	ug/L	97
35) Methylcyclohexane	6.72	83	20579	0.784	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10084	0.558	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2851	0.111	ug/L	85
48) 2-Hexanone	8.71	43	19090	1.827	ug/L #	97
59) 1,2,3-Trichloropropane	11.82	75	12928	0.925	ug/L	90
62) 1,3-Dichlorobenzene	11.76	146	1838	0.061	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	318	0.115	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.24	180	2151	0.102	ug/L #	89
68) 1,2,4-trichlorobenzene	13.87	180	2680	0.144	ug/L	97
69) Naphthalene	14.12	128	9802	0.274	ug/L	94
70) 1,2,3-Trichlorobenzene	14.36	180	3471	0.194	ug/L	93

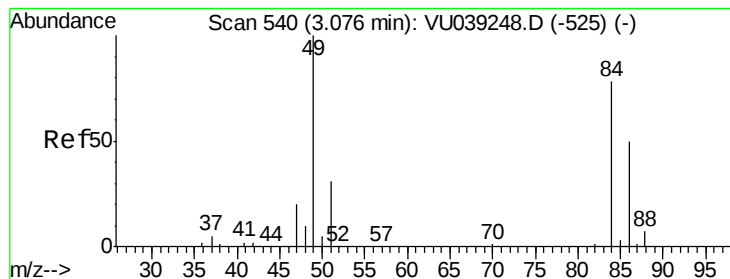
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 02:28:19 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.278 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039249.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_U

ClientSampled :

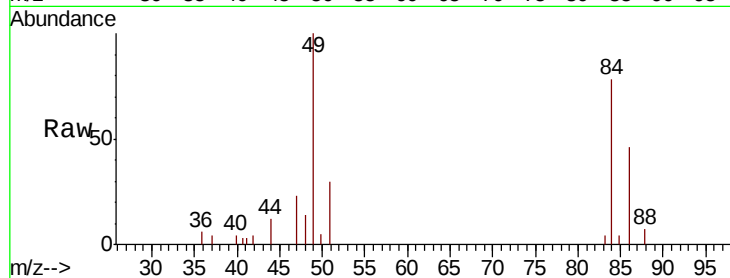
Tot Ion: 84 Resp: 5774

Ion Ratio Lower Upper

84 100

86 59.0 44.9 83.5

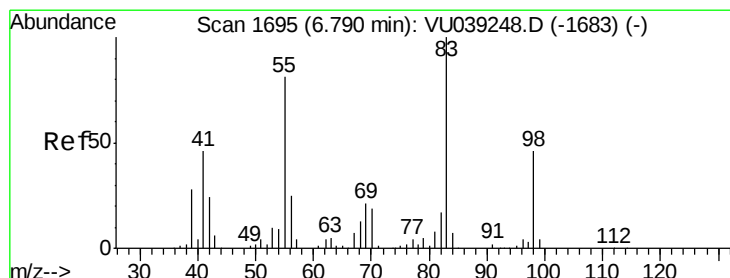
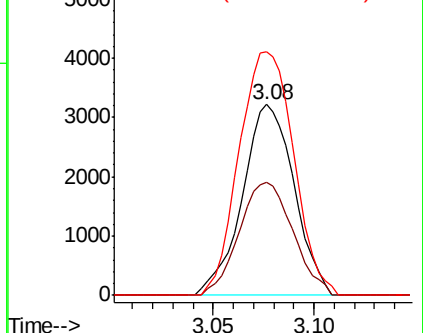
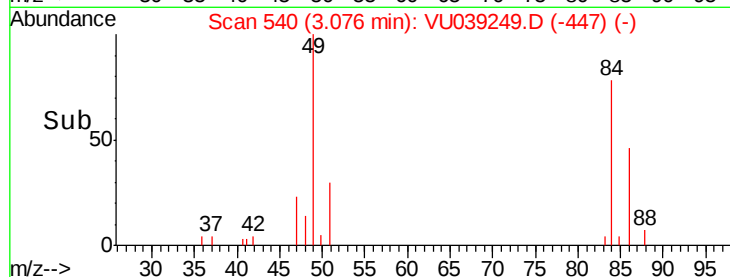
49 127.6 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU039249.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039249.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039249.D (-447) (-)



#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039249.D

Acq: 30 Jun 2020 23:13

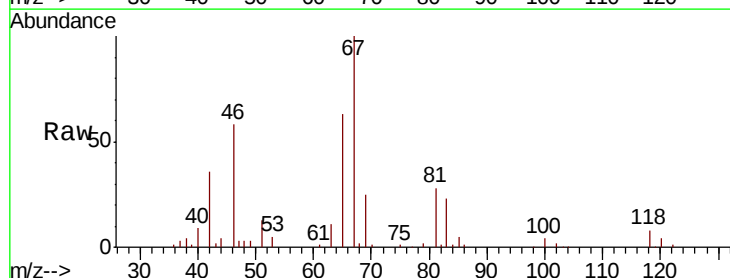
Tgt Ion: 83 Resp: 20579

Ion Ratio Lower Upper

83 100

55 0.2 64.4 96.6#

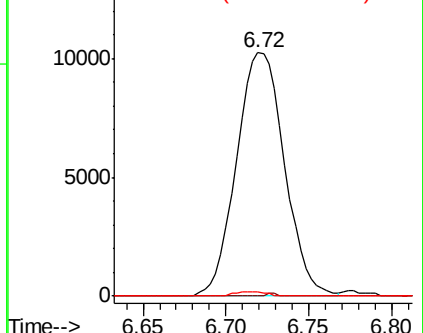
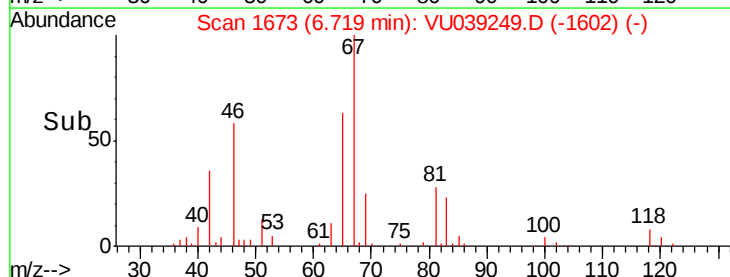
98 1.1 37.9 56.9#

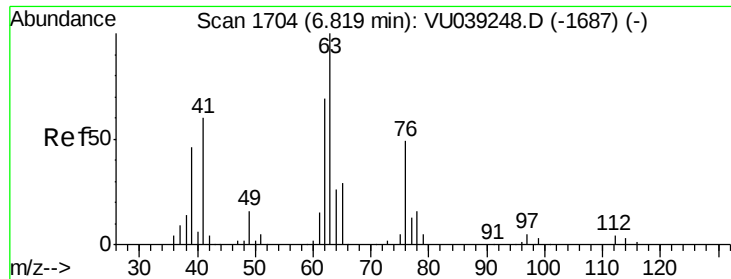


Abundance Ion 83.15 (82.85 to 83.85): VU039249.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU039249.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU039249.D (-1602) (-)

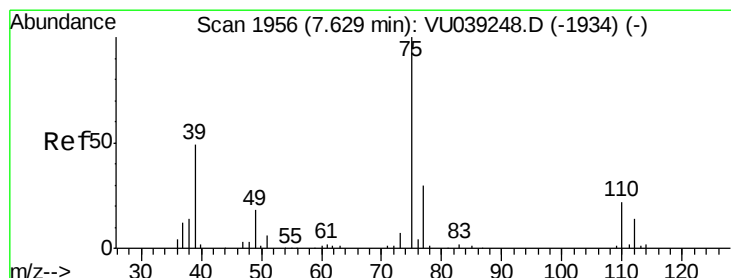
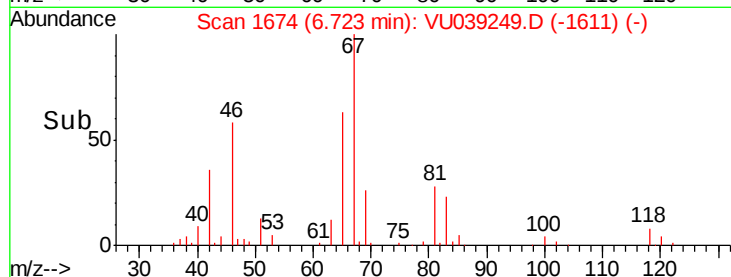
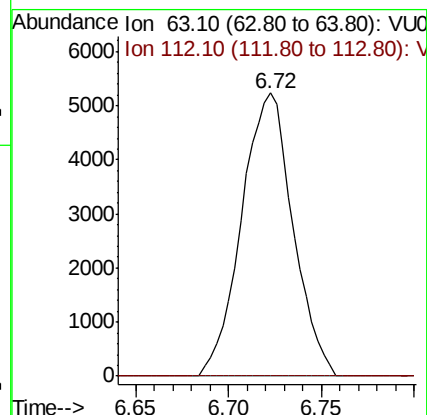
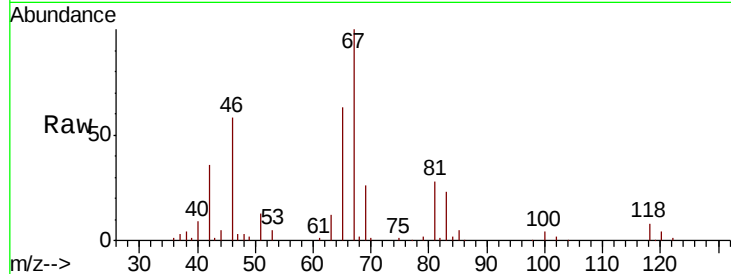




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

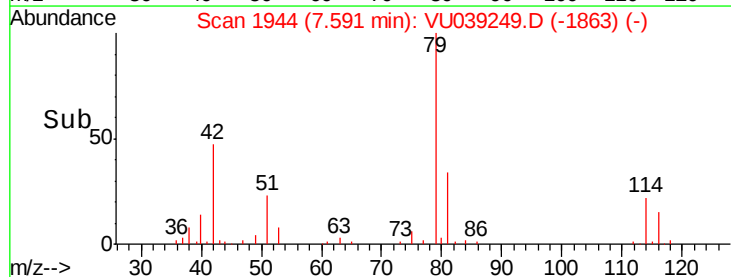
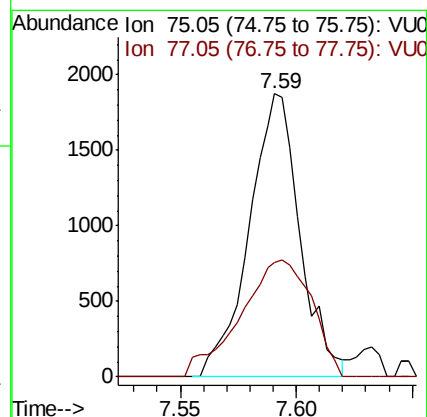
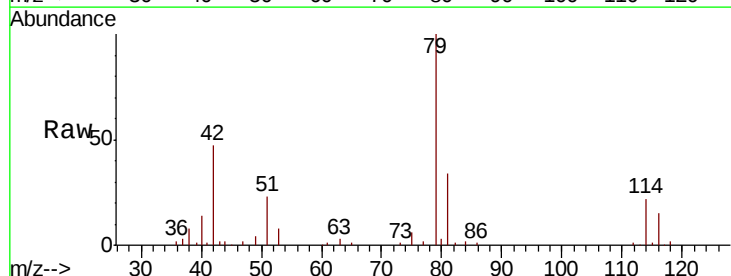
Instrument :
 MSVOA_U
 ClientSampleId :

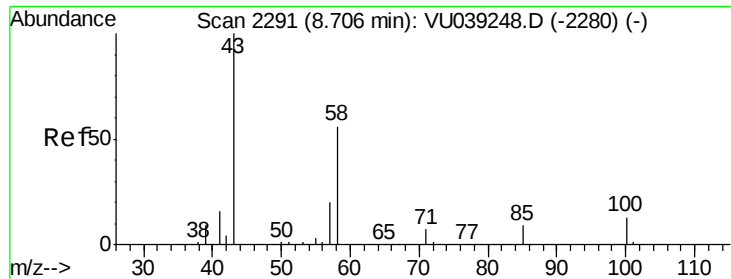
Tot Ion: 63 Resp: 10084
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Tgt Ion: 75 Resp: 2851
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.5 41.7

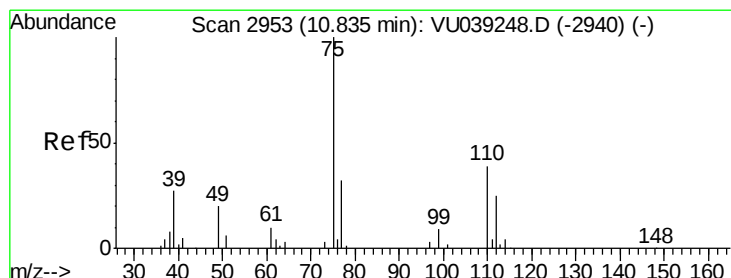
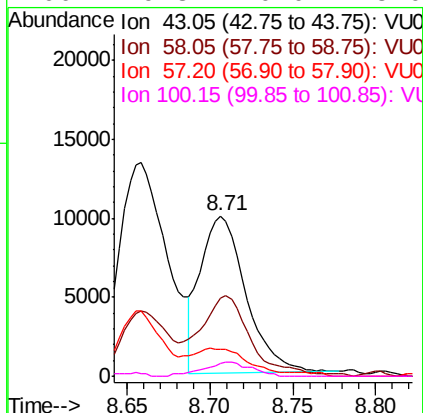
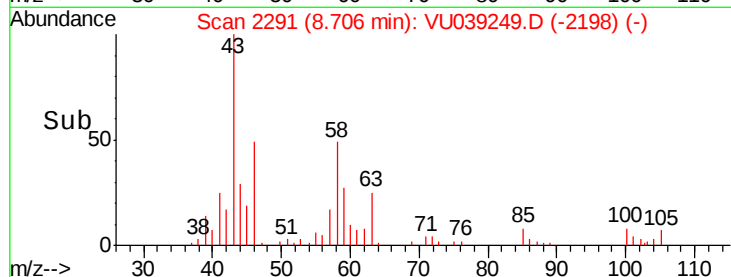
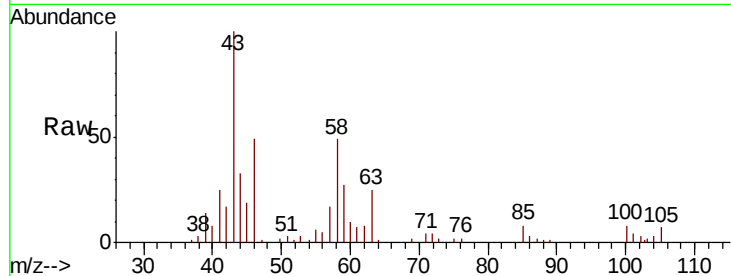




#48
 2-Hexanone
 Concen: 1.827 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

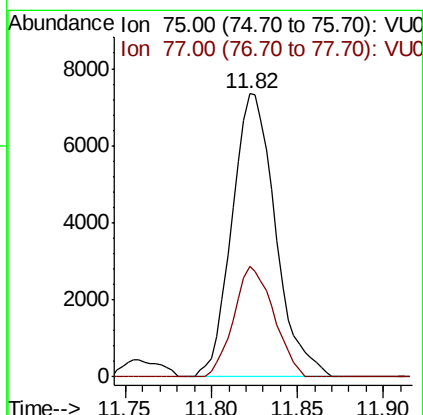
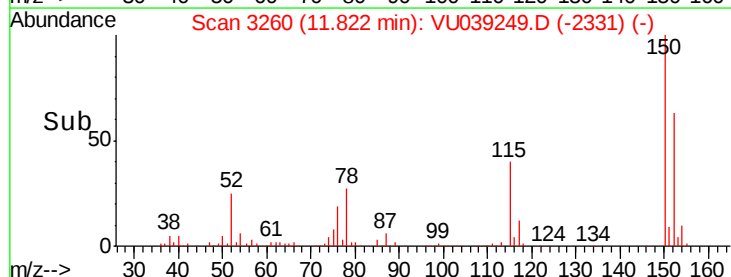
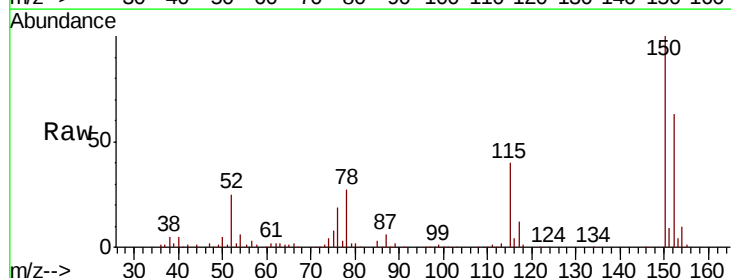
Instrument :
 MSVOA_U
 ClientSampled :

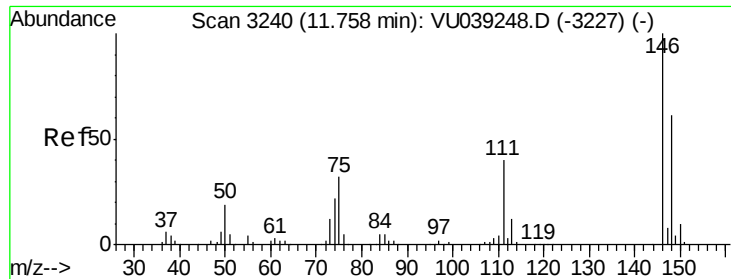
Tot Ion: 43 Resp: 19090
 Ion Ratio Lower Upper
 43 100
 58 55.9 43.6 65.4
 57 18.1 15.5 23.3
 100 9.3 10.0 15.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.925 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.99 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Tgt Ion: 75 Resp: 12928
 Ion Ratio Lower Upper
 75 100
 77 35.9 24.6 36.8

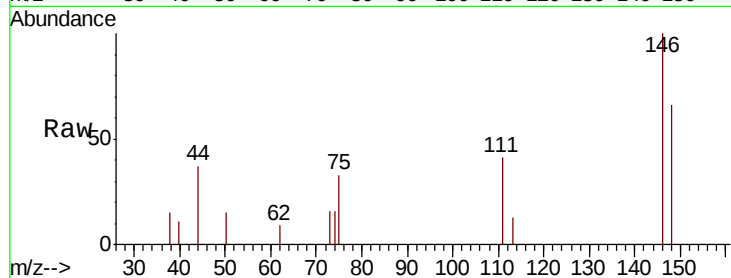




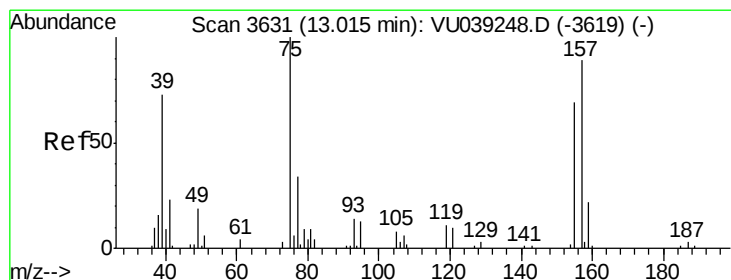
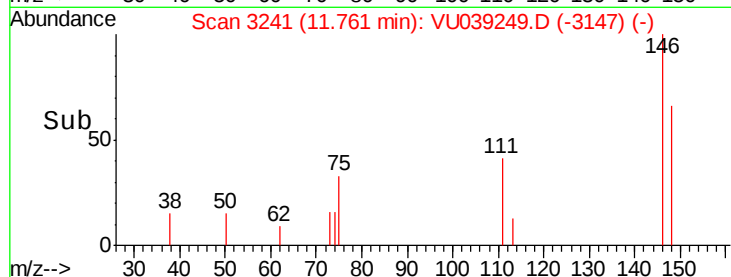
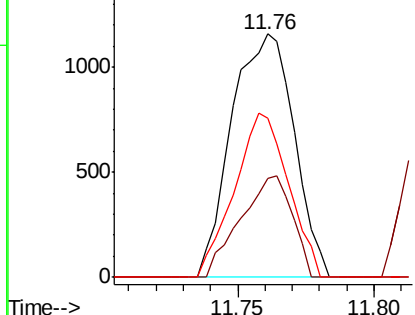
#62
 1,3-Dichlorobenzene
 Concen: 0.061 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 1838
 Ion Ratio Lower Upper
 146 100
 111 40.6 29.6 55.0
 148 65.6 44.0 81.8

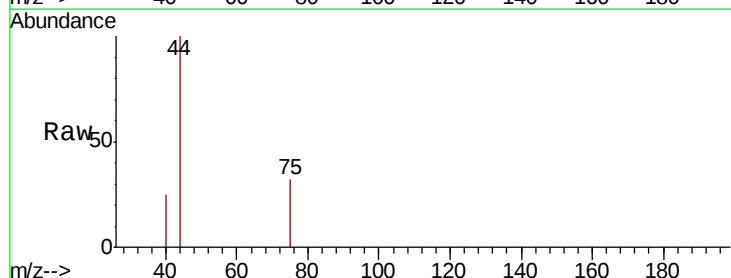


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

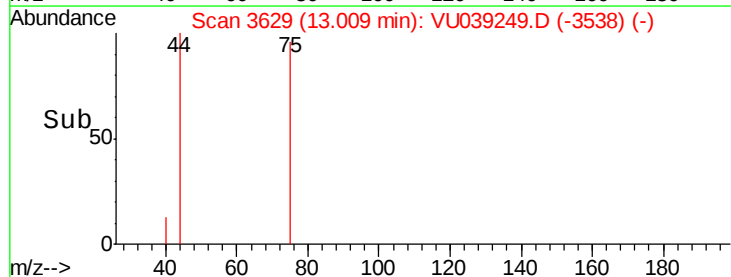
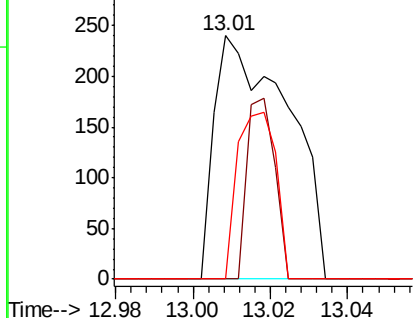


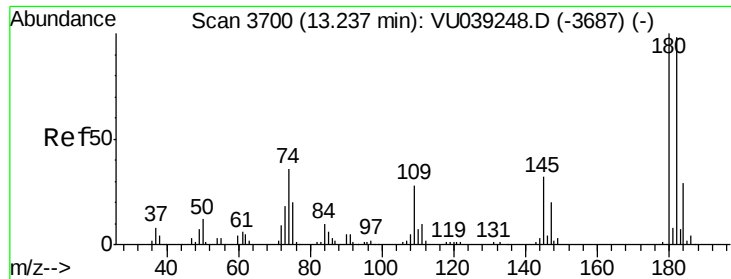
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.115 ug/L
 RT: 13.01 min Scan# 3629
 Delta R.T. -0.01 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.9 86.9#
 157 0.0 74.2 111.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

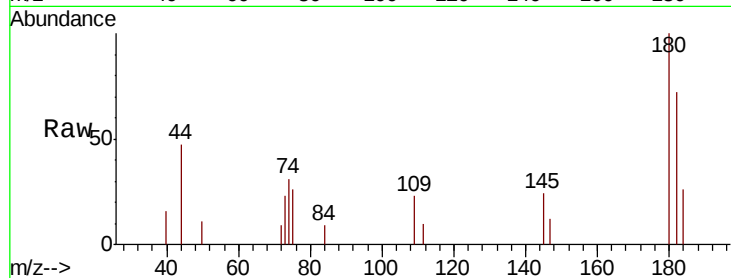




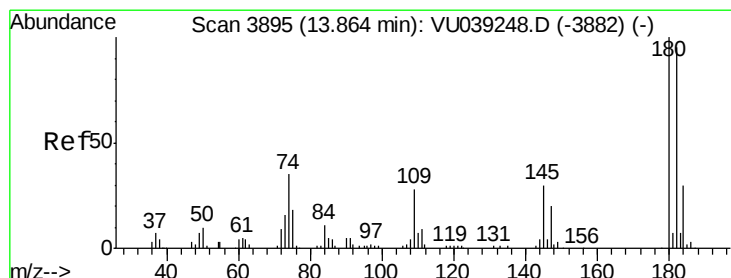
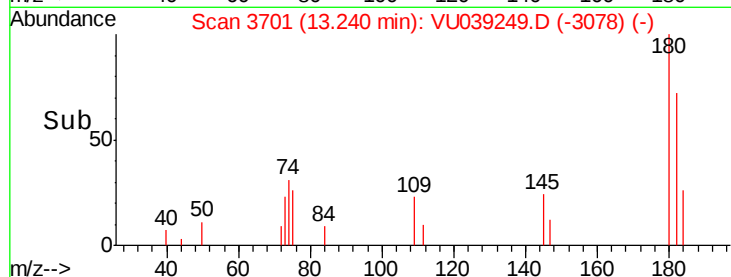
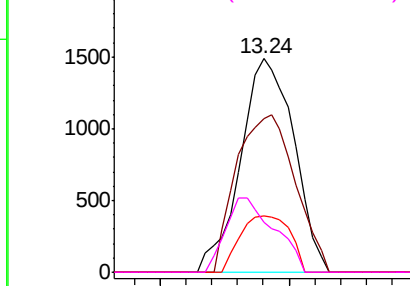
#67
 1,3,5-Trichlorobenzene
 Concen: 0.102 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2151
 Ion Ratio Lower Upper
 180 100
 182 81.4 75.5 113.3
 184 24.6 24.6 37.0#
 145 31.6 24.2 36.2

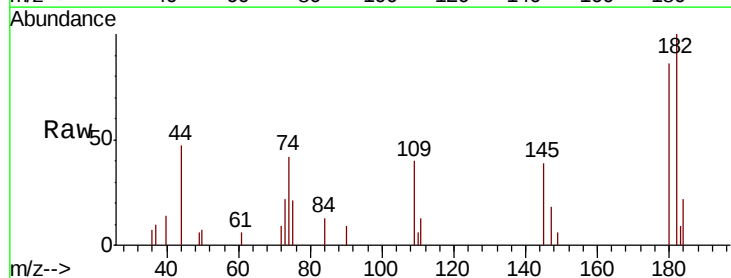


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

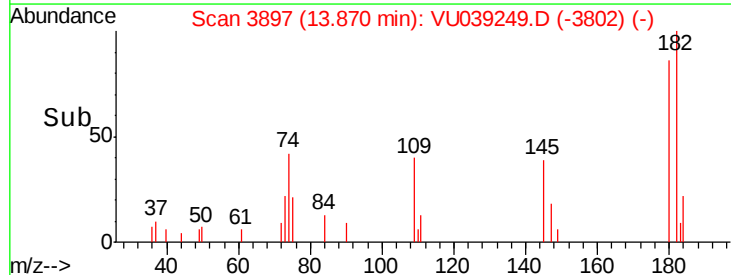
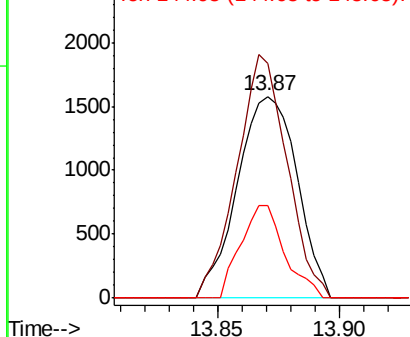


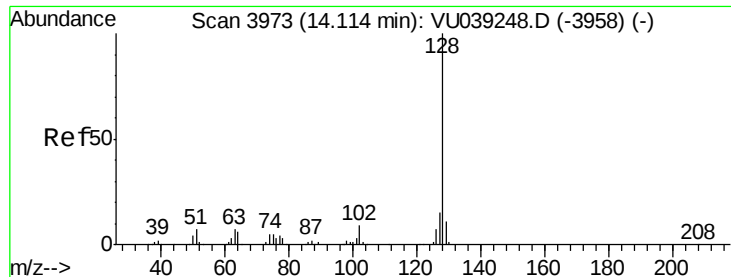
#68
 1,2,4-trichlorobenzene
 Concen: 0.144 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.01 min
 Lab File: VU039249.D
 Acq: 30 Jun 2020 23:13

Tgt Ion:180 Resp: 2680
 Ion Ratio Lower Upper
 180 100
 182 101.1 78.3 117.5
 145 33.7 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.274 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU039249.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_U

ClientSampleId :

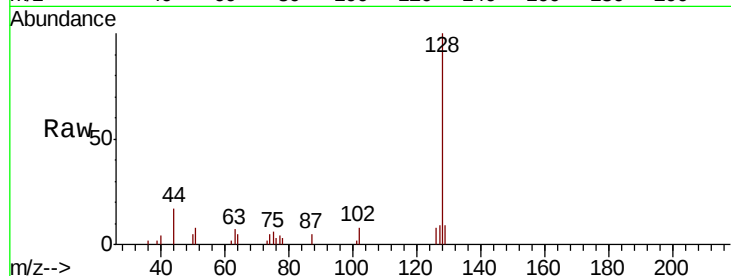
Tot Ion:128 Resp: 9802

Ion Ratio Lower Upper

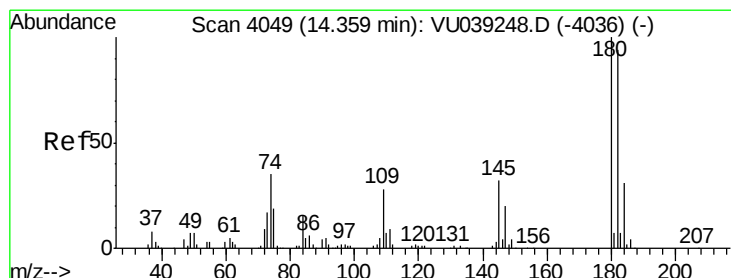
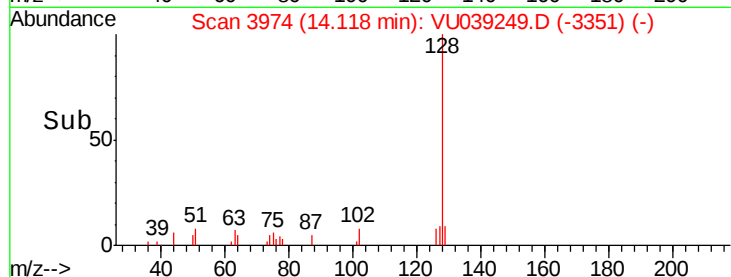
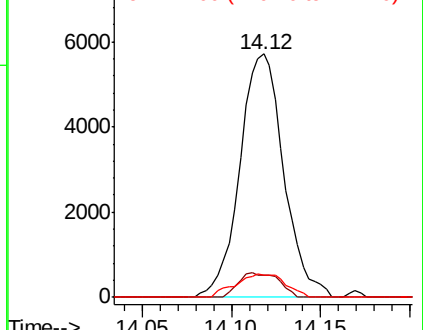
128 100

129 9.2 9.0 13.6

127 11.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.194 ug/L

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU039249.D

Acq: 30 Jun 2020 23:13

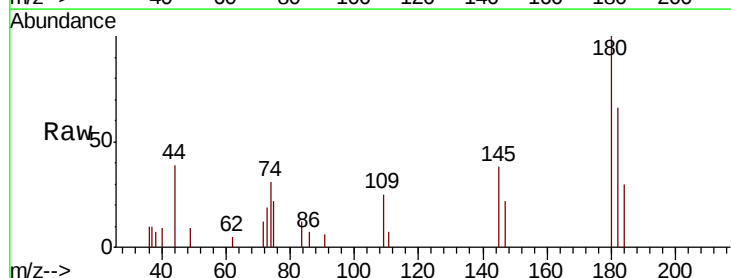
Tgt Ion:180 Resp: 3471

Ion Ratio Lower Upper

180 100

182 84.9 73.6 110.4

145 38.7 28.0 42.0



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

