

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041641.D
 Acq On : 15 Dec 2020 17:01
 Operator : SY/MD
 Sample : VU1215WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

Quant Time: Dec 16 04:35:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 04:34:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117728	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50589	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42241	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.92	69	36299	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	60251	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.67	46	141384	53.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	5.08	84	75796	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	47470	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.74	84	153851	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.70	67	48367	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.91	98	132869	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	21304	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	125971	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47183	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48915	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

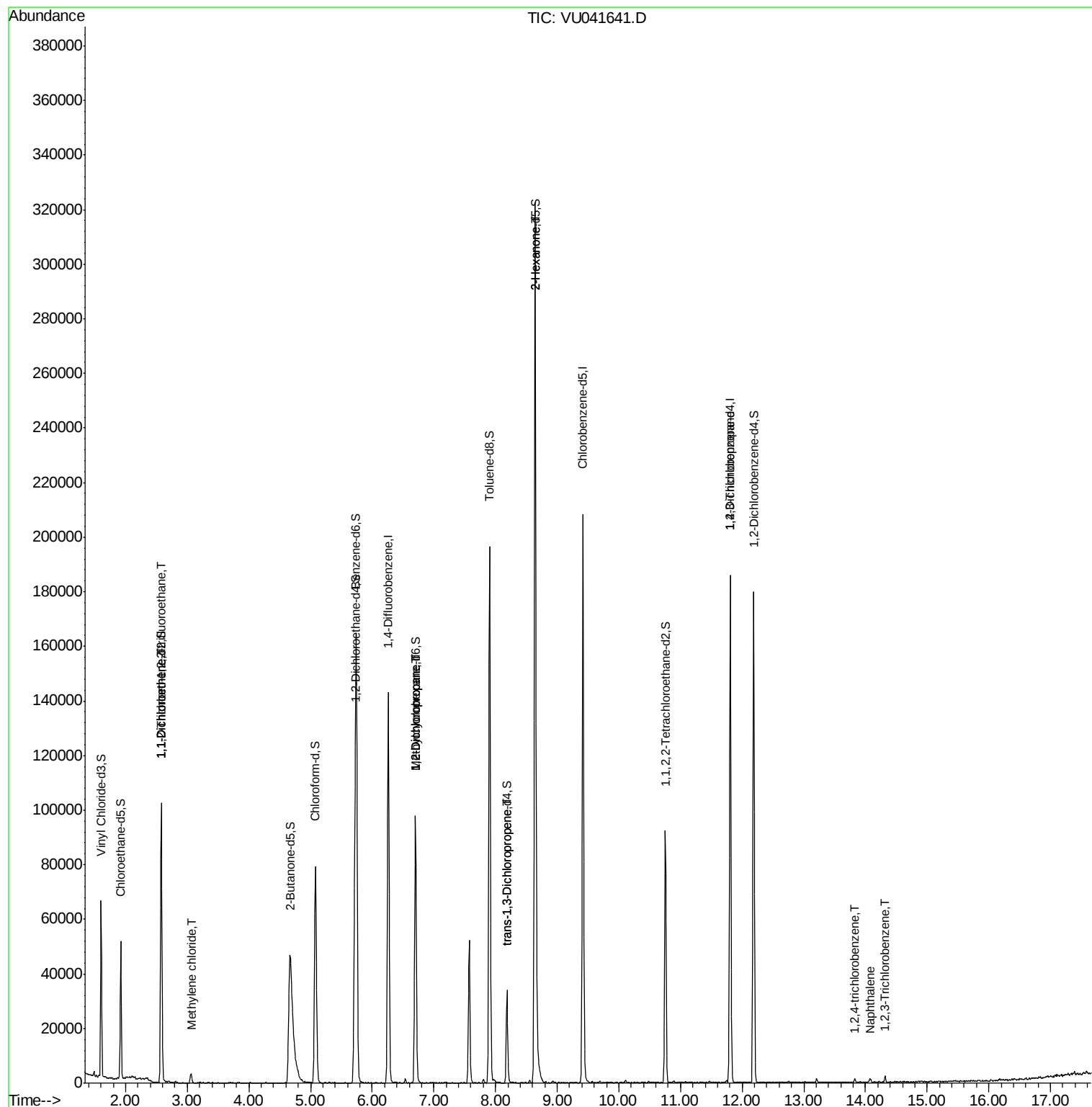
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	522	0.064	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	439	0.055	ug/L #	1
16) Methylene chloride	3.07	84	1943	0.204	ug/L #	75
35) Methylcyclohexane	6.70	83	11390	0.740	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5211	0.538	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	777	0.061	ug/L #	72
48) 2-Hexanone	8.64	43	13669	2.725	ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	5599	0.770	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	706	0.072	ug/L	88
69) Naphthalene	14.07	128	2148	0.105	ug/L #	76
70) 1,2,3-Trichlorobenzene	14.32	180	813	0.087	ug/L	97

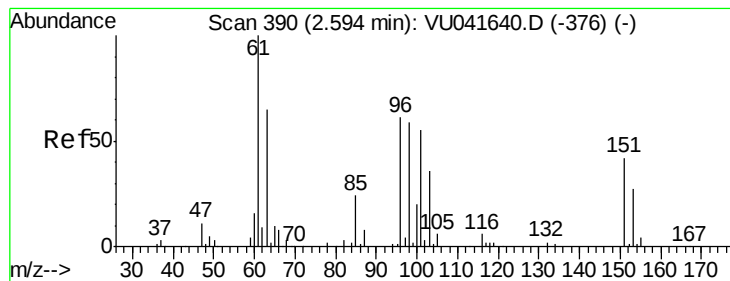
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.064 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041641.D

Acq: 15 Dec 2020 17:01

Instrument :

MSVOA_U

ClientSampled :

VBLK06

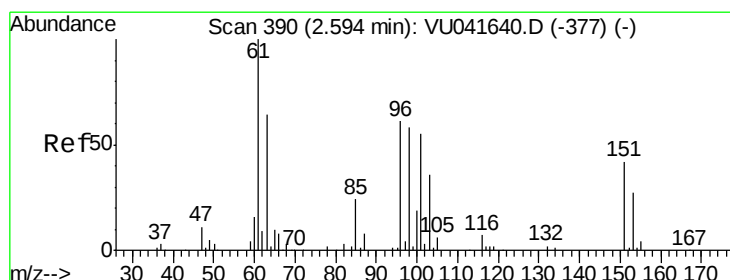
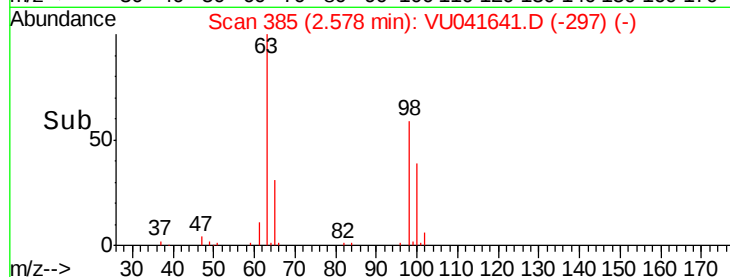
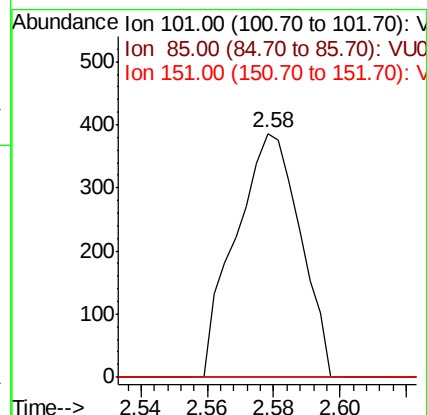
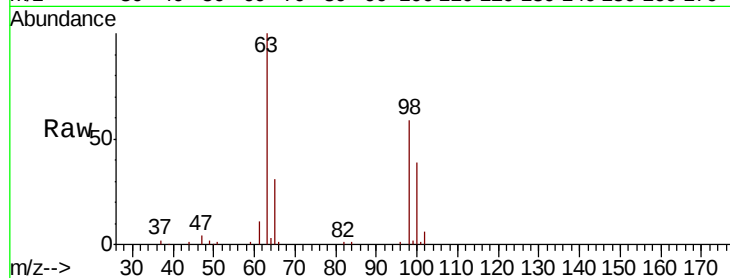
Tot Ion:101 Resp: 522

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



#12

1,1-Dichloroethene

Concen: 0.055 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041641.D

Acq: 15 Dec 2020 17:01

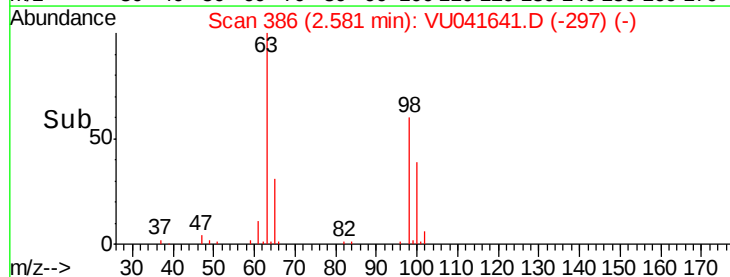
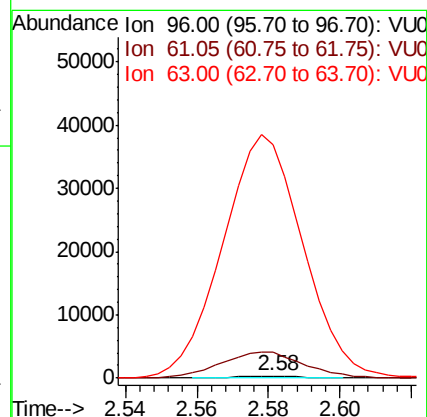
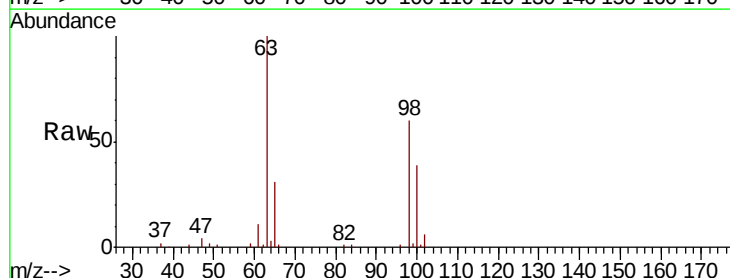
Tgt Ion: 96 Resp: 439

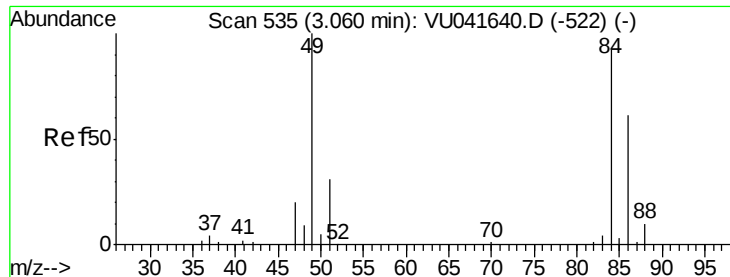
Ion Ratio Lower Upper

96 100

61 1119.2 123.8 230.0#

63 10253.3 81.0 150.4#

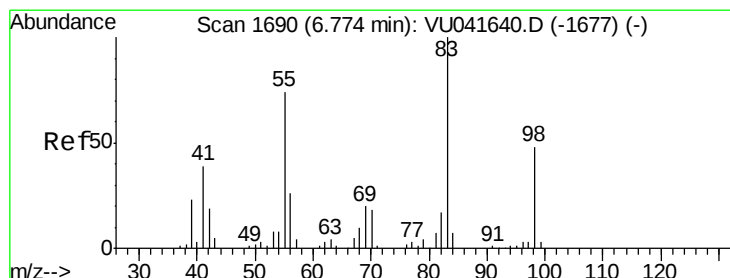
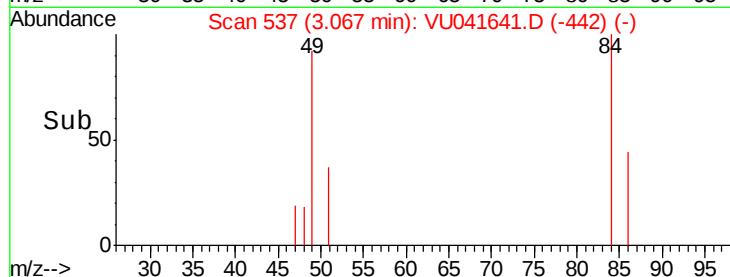
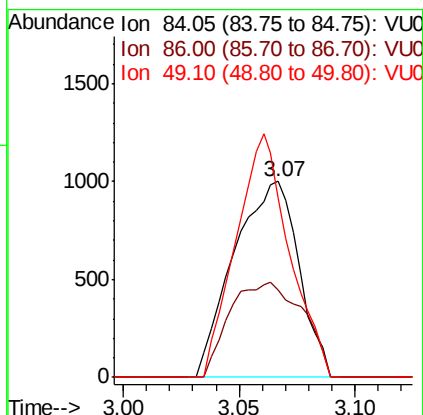
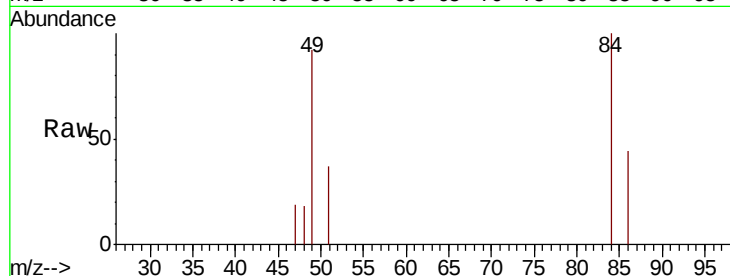




#16
Methvlene chloride
Concen: 0.204 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU041641.D
Acq: 15 Dec 2020 17:01

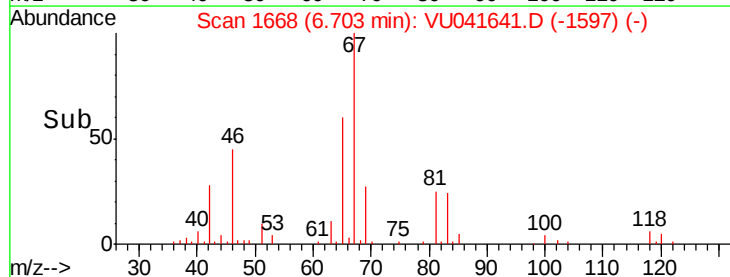
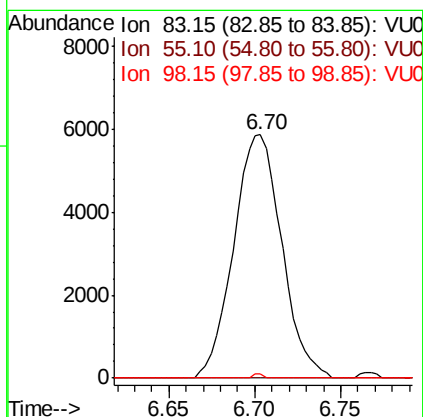
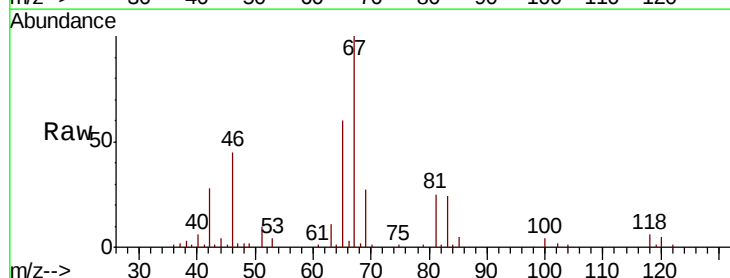
Instrument :
MSVOA_U
ClientSampleId :
VBLK06

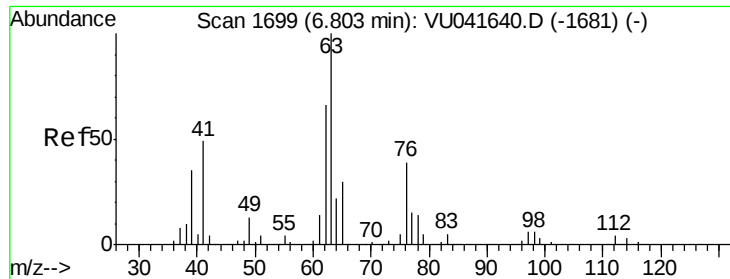
Tot Ion: 84 Resp: 1943
Ion Ratio Lower Upper
84 100
86 44.4 45.1 83.7#
49 91.7 83.1 154.3



#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041641.D
Acq: 15 Dec 2020 17:01

Tgt Ion: 83 Resp: 11390
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.4 36.6 54.8#

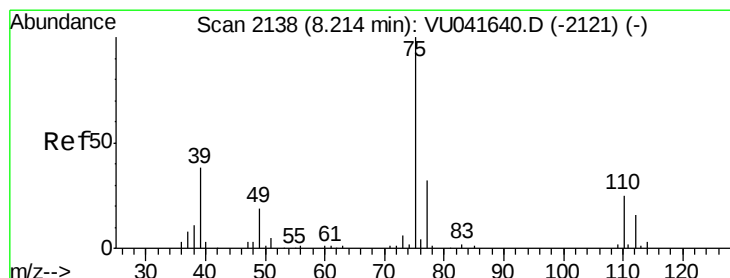
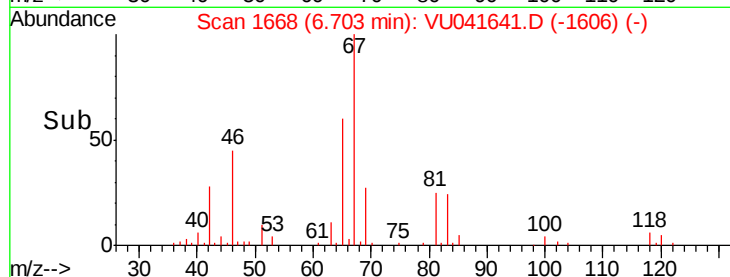
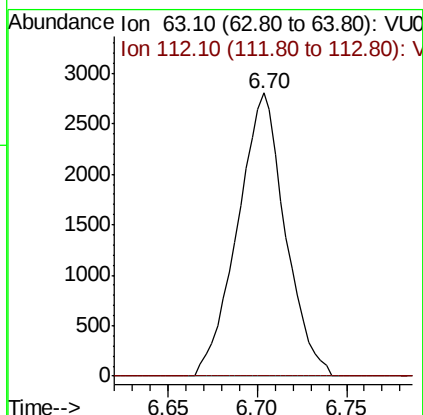
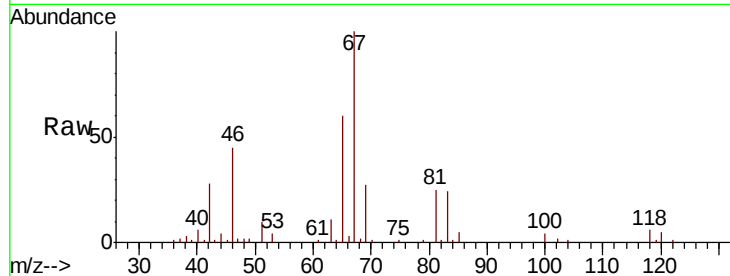




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041641.D
 Acq: 15 Dec 2020 17:01

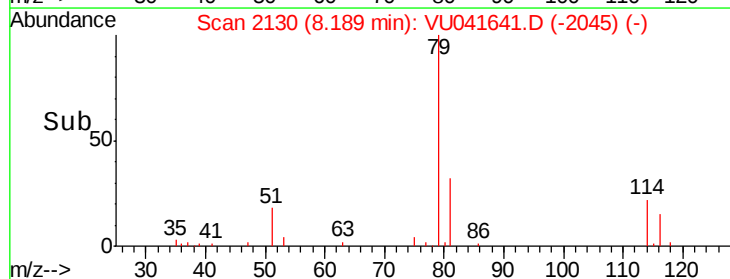
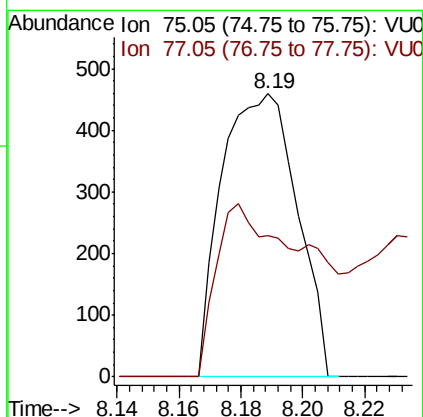
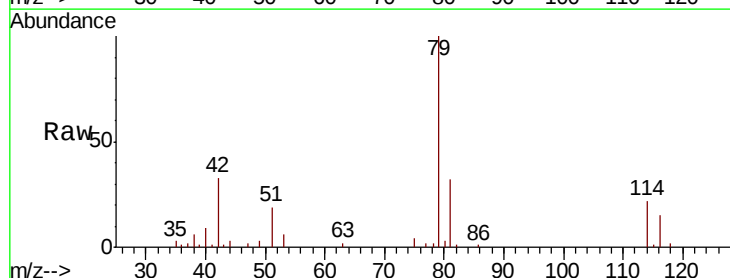
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 ClientSampleId :
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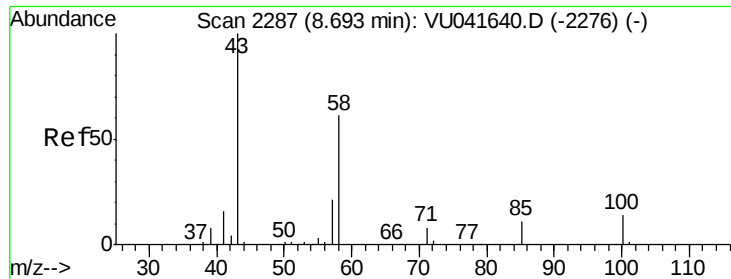
Tot Ion: 63 Resp: 5211
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041641.D
 Acq: 15 Dec 2020 17:01

Tgt Ion: 75 Resp: 777
 Ion Ratio Lower Upper
 75 100
 77 49.9 23.8 44.2#

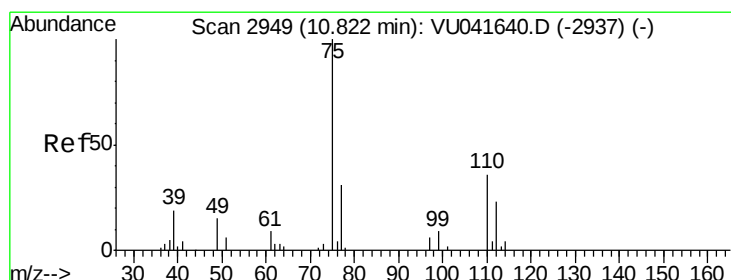
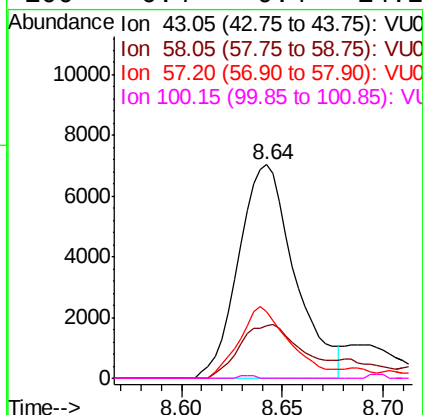
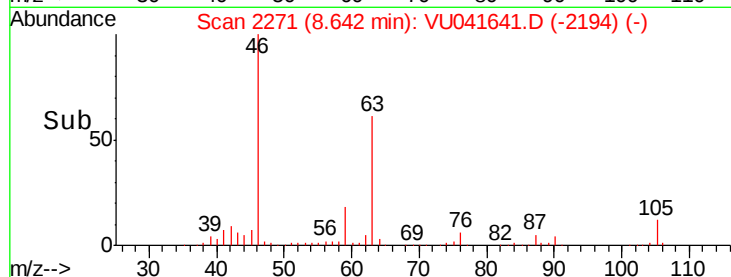
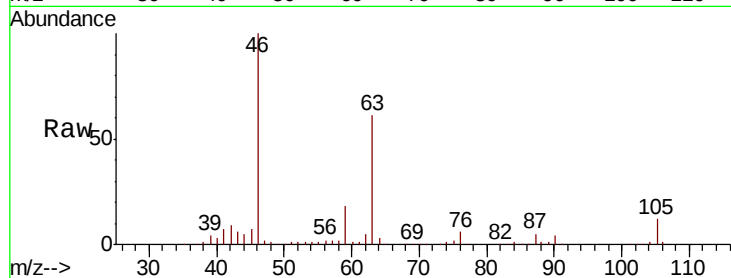




#48
2-Hexanone
Concen: 2.725 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041641.D
Acq: 15 Dec 2020 17:01

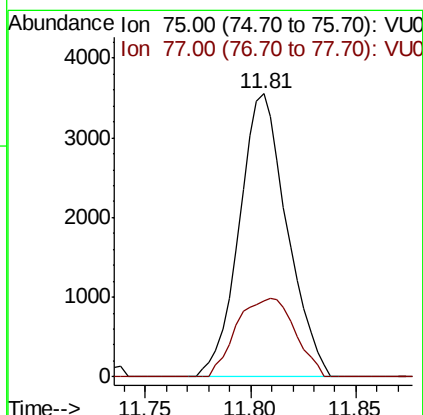
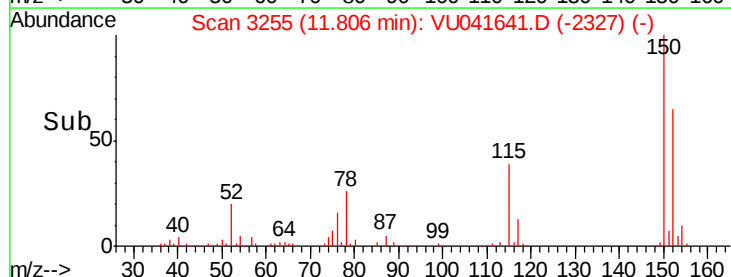
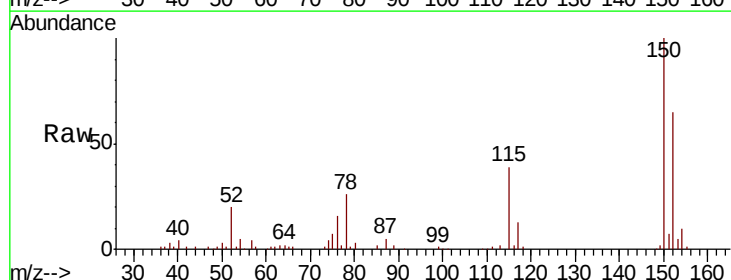
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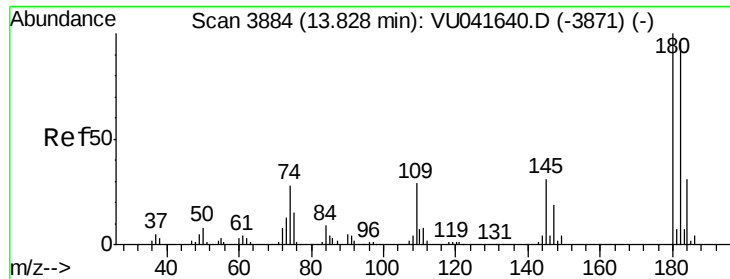
Tot Ion: 43 Resp: 13669
Ion Ratio Lower Upper
43 100
58 27.1 47.9 71.9#
57 30.4 16.5 24.7#
100 0.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.770 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041641.D
Acq: 15 Dec 2020 17:01

Tgt Ion: 75 Resp: 5599
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2

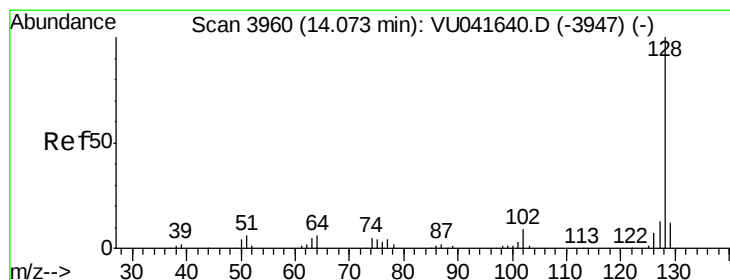
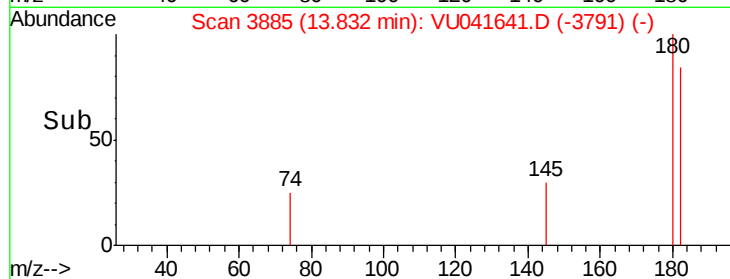
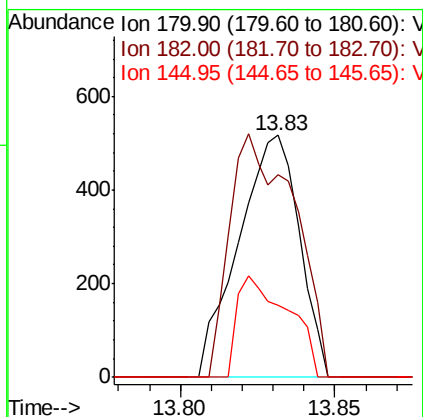
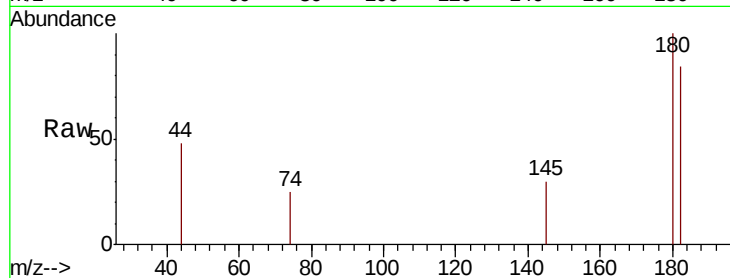




#68
 1,2,4-trichlorobenzene
 Concen: 0.072 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041641.D
 Acq: 15 Dec 2020 17:01

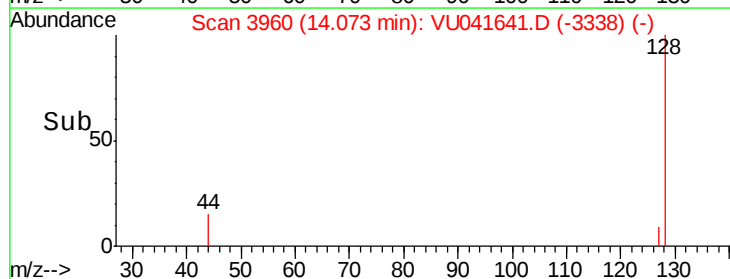
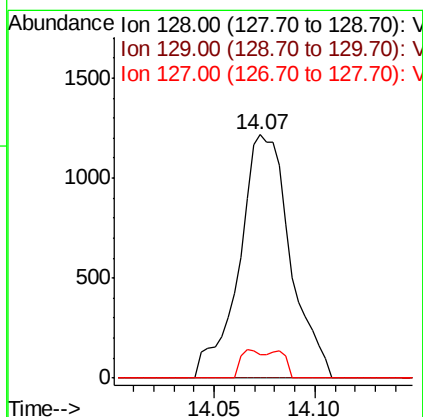
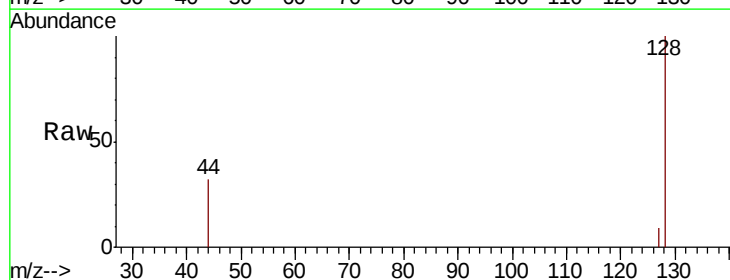
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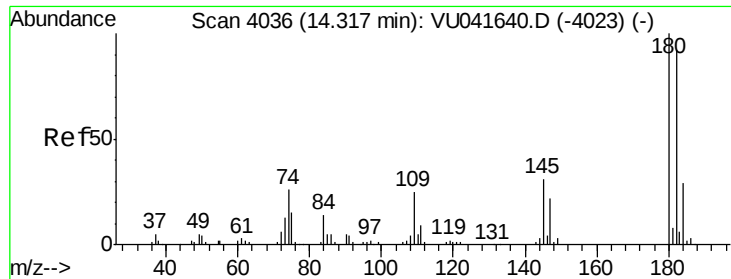
Tot Ion:180 Resp: 706
 Ion Ratio Lower Upper
 180 100
 182 107.4 75.4 113.0
 145 35.0 24.5 36.7



#69
 Naphthalene
 Concen: 0.105 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. 0.00 min
 Lab File: VU041641.D
 Acq: 15 Dec 2020 17:01

Tgt Ion:128 Resp: 2148
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 4.6 10.2 15.4#





#70

1,2,3-Trichlorobenzene

Concen: 0.087 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. 0.00 min

Lab File: VU041641.D

Acq: 15 Dec 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VBLK06

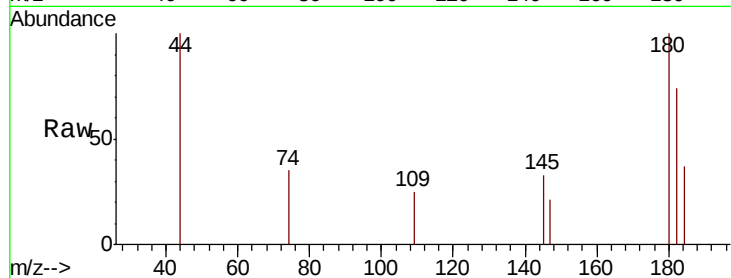
Tot Ion:180 Resp: 813

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 26.6 26.4 39.6



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

