

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040881.D
 Acq On : 21 Oct 2020 18:17
 Operator : SY/MD
 Sample : L4420-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 22 00:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	215821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	229497	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	94111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	76426	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.92	69	65445	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	115386	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.65	46	330591	62.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.86%
24) Chloroform-d	5.08	84	163879	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	101998	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	285783	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	100599	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	220862	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	39245	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	240682	58.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	93327	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	90862	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

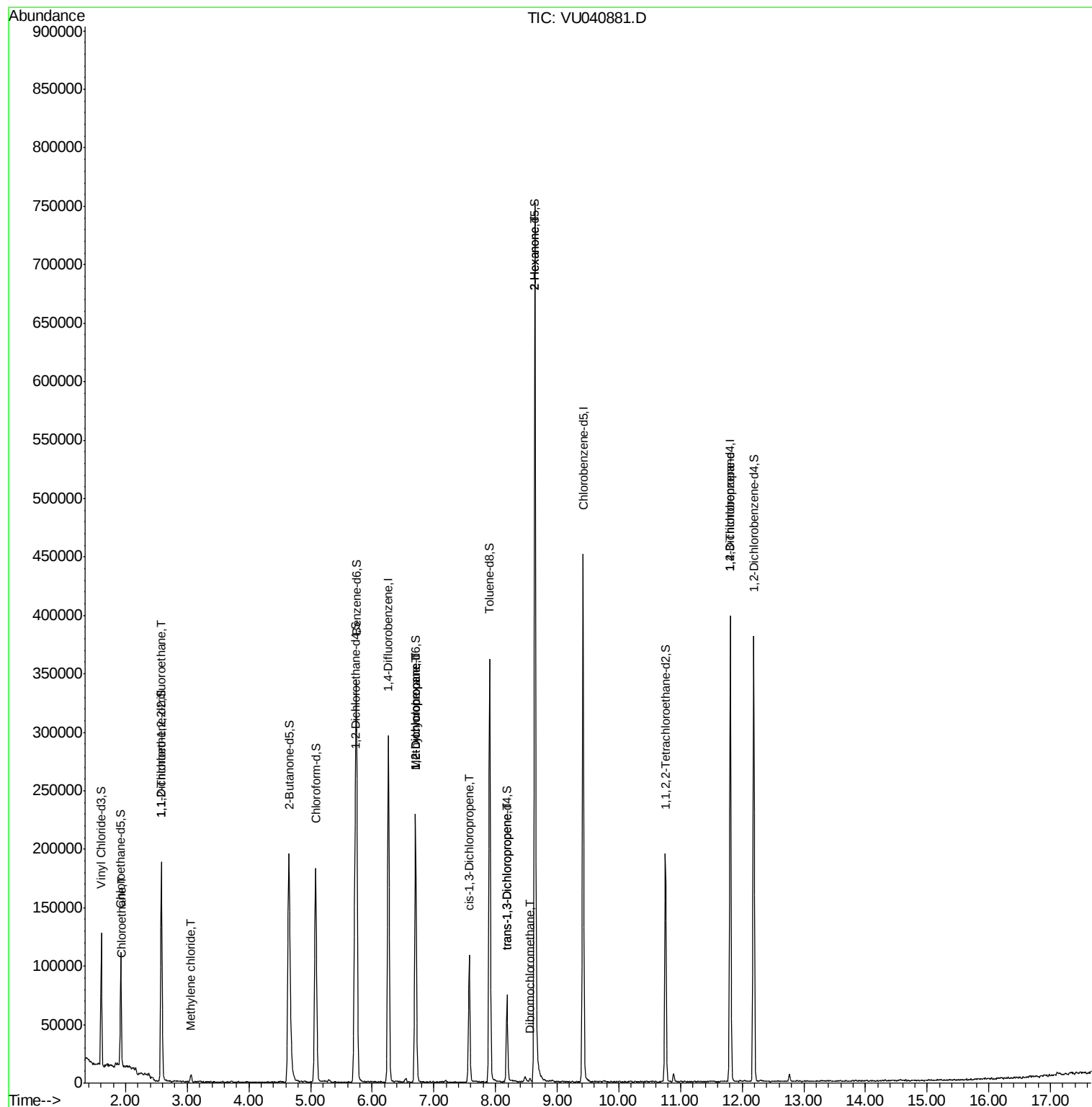
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	605	0.042	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	954	0.056	ug/L #	24
16) Methylene chloride	3.07	84	2494	0.128	ug/L	86
35) Methylcyclohexane	6.70	83	24022	0.855	ug/L #	16
37) 1,2-Dichloropropane	6.70	63	11806	0.593	ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	2833	0.106	ug/L #	79
44) trans-1,3-Dichloropropene	8.18	75	2205	0.091	ug/L	91
48) 2-Hexanone	8.64	43	33897	3.486	ug/L #	69
49) Dibromochloromethane	8.56	129	750	0.046	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	12786	0.988	ug/L #	88

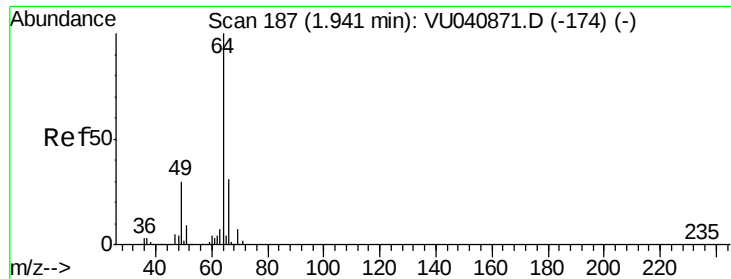
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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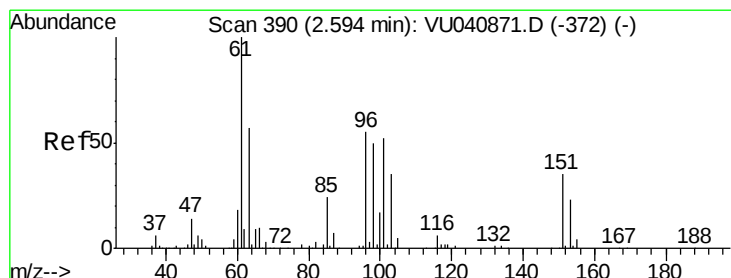
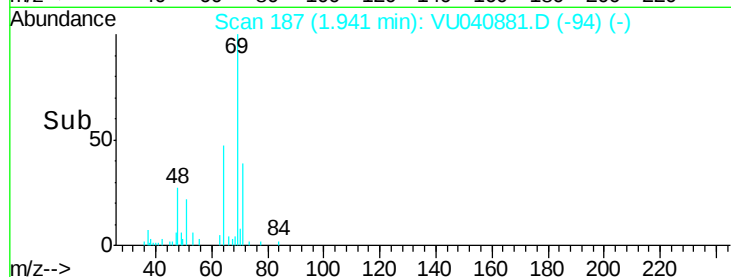
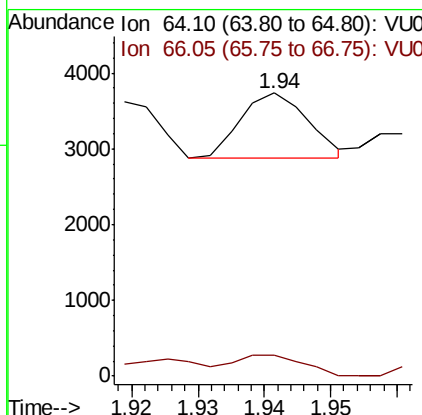
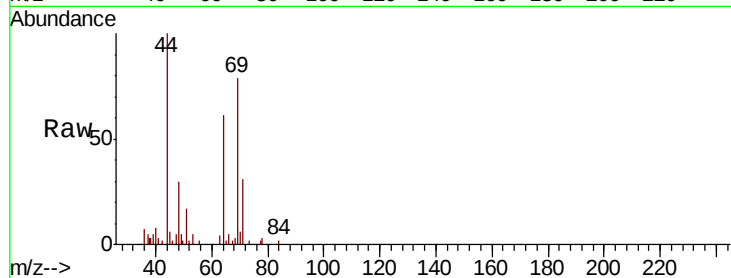




#8
Chloroethane
Concen: 0.042 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

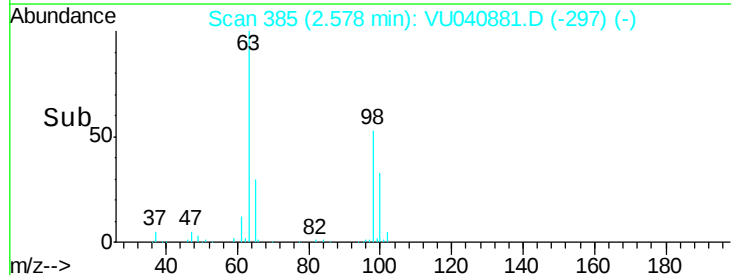
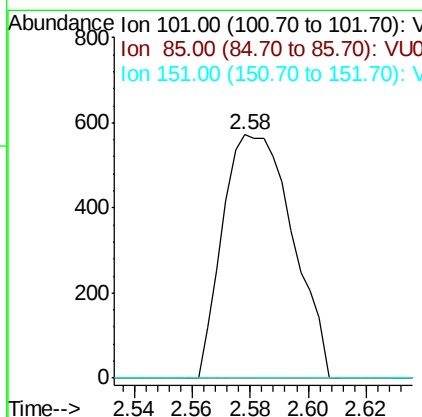
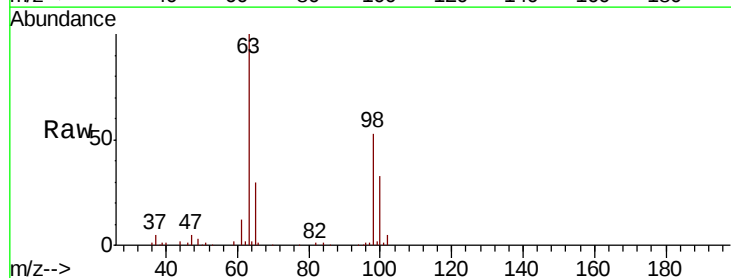
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

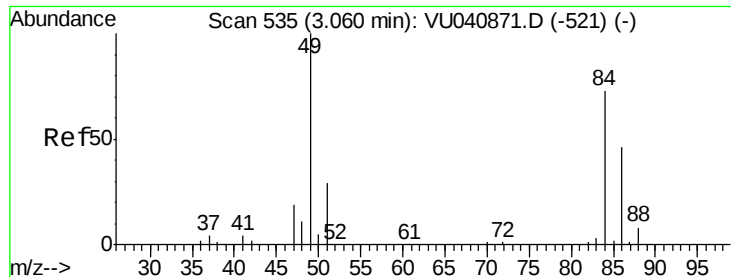
Tot Ion: 64 Resp: 605
Ion Ratio Lower Upper
64 100
66 7.5 21.2 39.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

Tgt Ion:101 Resp: 954
Ion Ratio Lower Upper
101 100
85 5.2 36.4 54.6#
151 0.0 56.3 84.5#

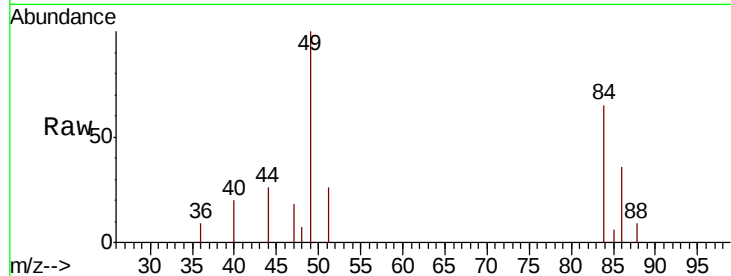




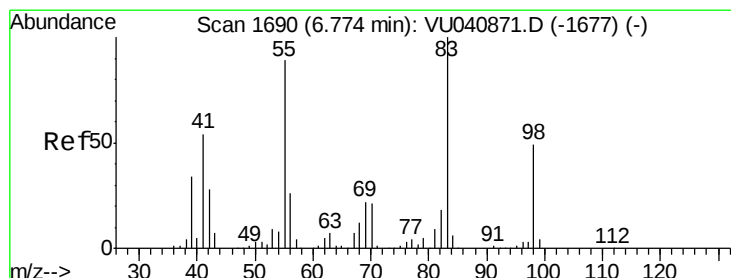
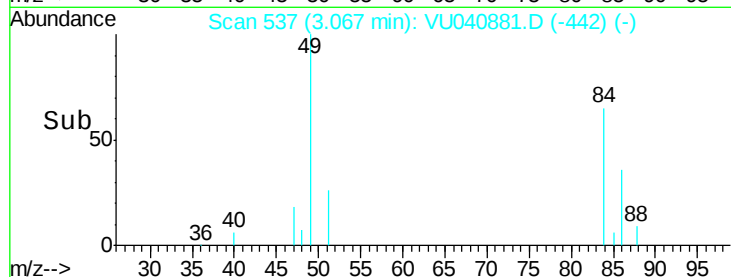
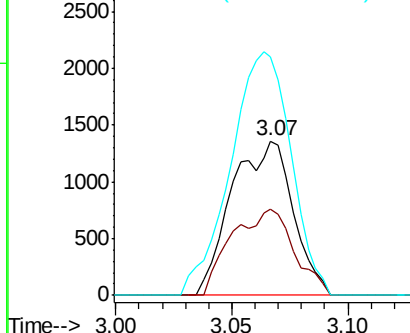
#16
Methvlene chloride
Concen: 0.128 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 2494
Ion Ratio Lower Upper
84 100
86 55.8 44.9 83.5
49 154.1 94.7 175.9

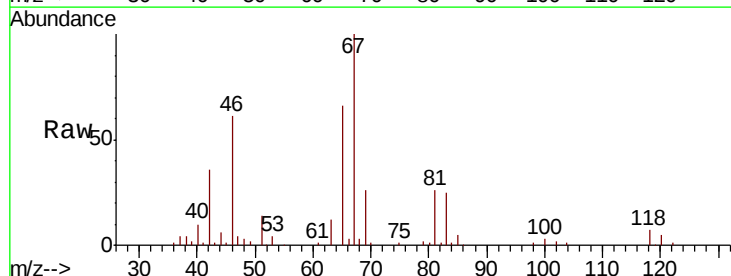


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

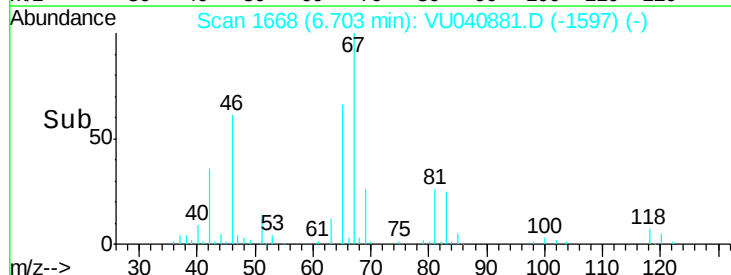
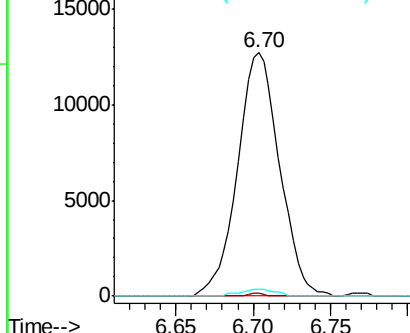


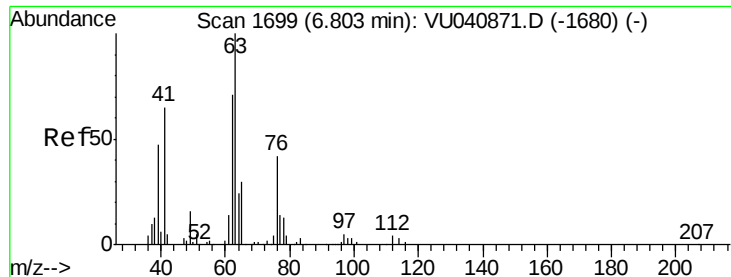
#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

Tgt Ion: 83 Resp: 24022
Ion Ratio Lower Upper
83 100
55 0.4 69.1 103.7#
98 2.3 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

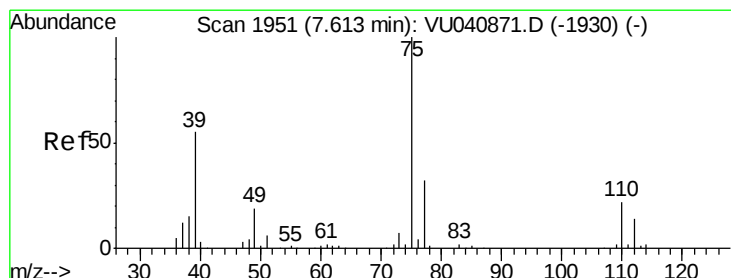
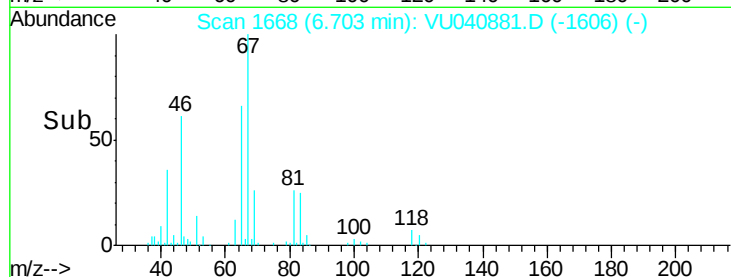
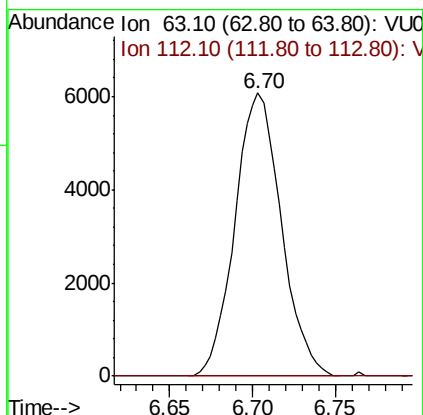
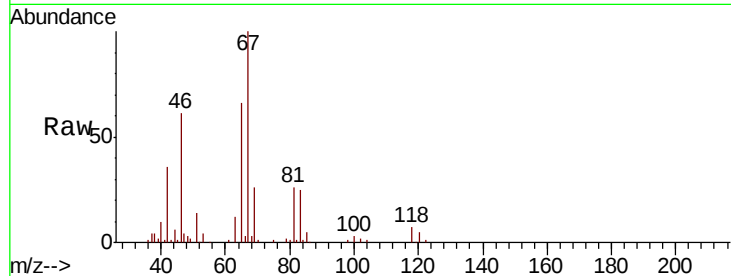




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040881.D
 Acq: 21 Oct 2020 18:17

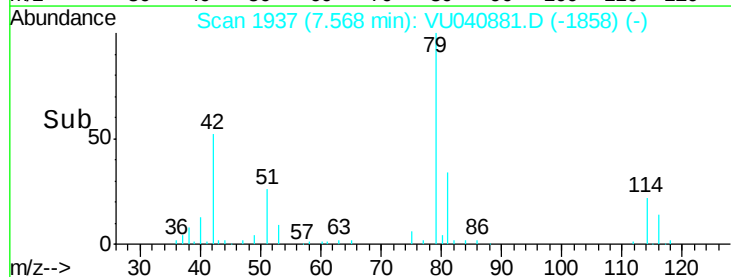
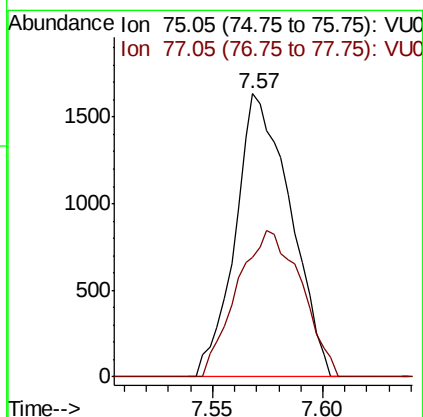
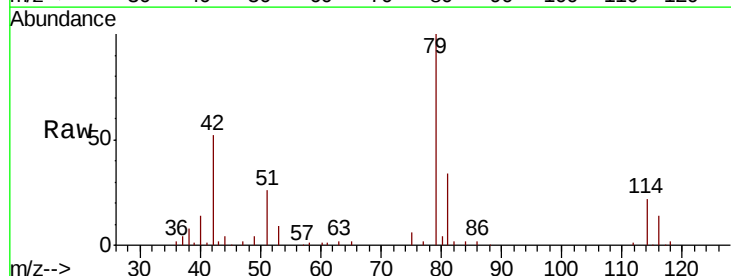
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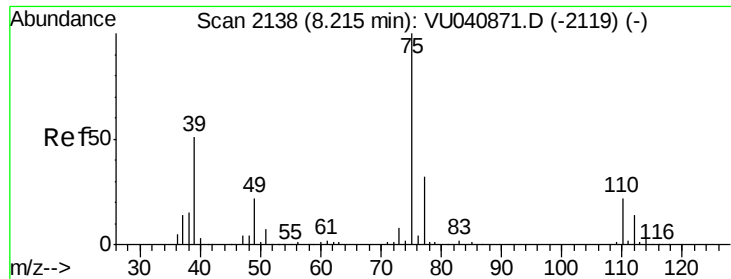
Tot Ion: 63 Resp: 11806
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU040881.D
 Acq: 21 Oct 2020 18:17

Tgt Ion: 75 Resp: 2833
 Ion Ratio Lower Upper
 75 100
 77 42.2 21.6 40.2#

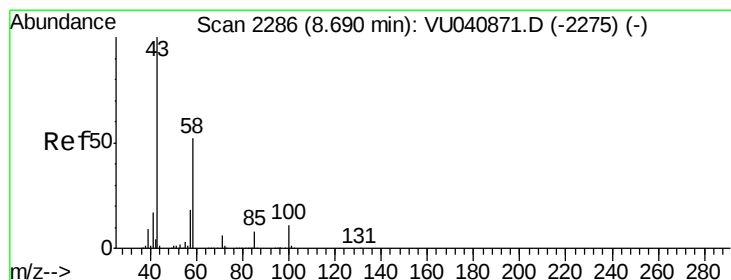
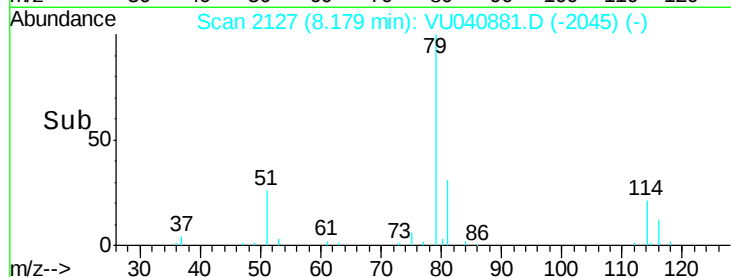
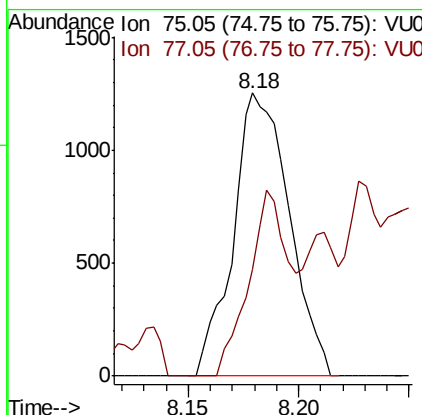
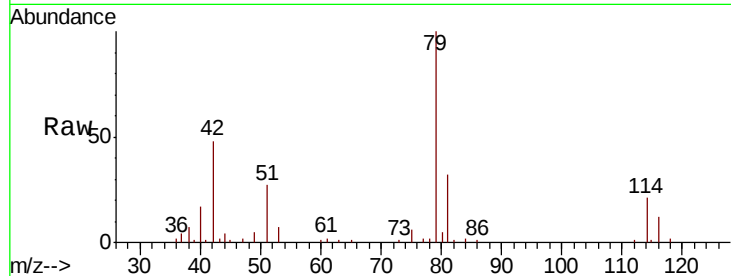




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

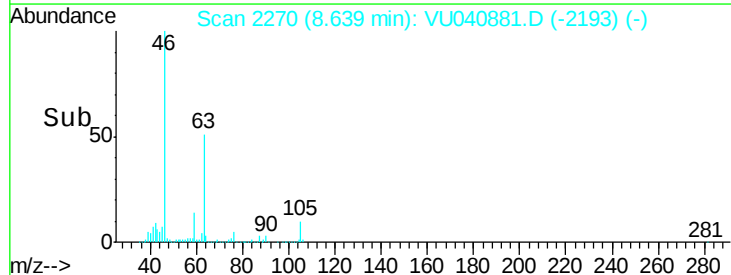
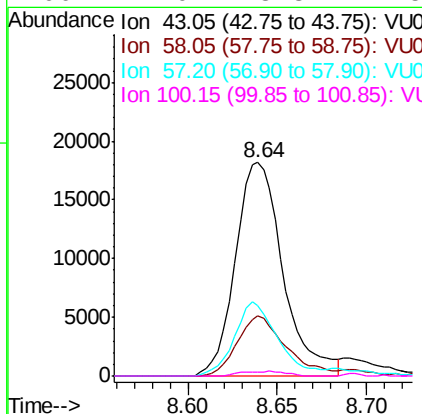
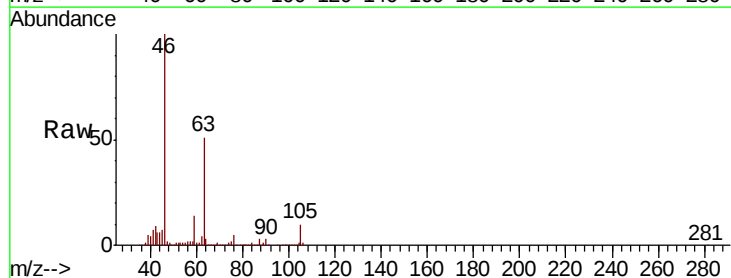
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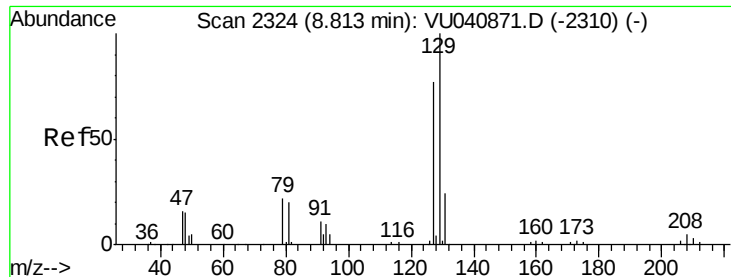
Tot Ion: 75 Resp: 2205
Ion Ratio Lower Upper
75 100
77 37.6 22.6 42.0



#48
2-Hexanone
Concen: 3.486 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040881.D
Acq: 21 Oct 2020 18:17

Tgt Ion: 43 Resp: 33897
Ion Ratio Lower Upper
43 100
58 28.4 40.9 61.3#
57 31.7 14.4 21.6#
100 2.0 8.3 12.5#





#49

Dibromochloromethane

Concen: 0.046 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040881.D

Acq: 21 Oct 2020 18:17

Instrument :

MSVOA_U

ClientSampled :

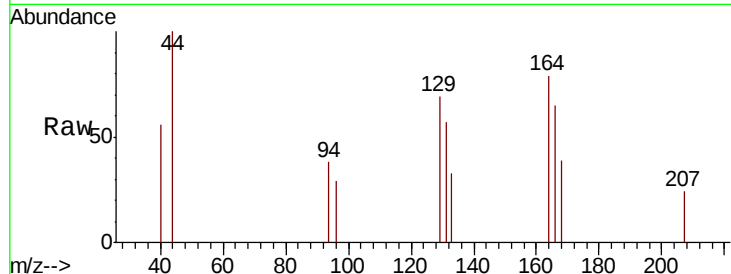
VHBLK01

Tot Ion:129 Resp: 750

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

500

400

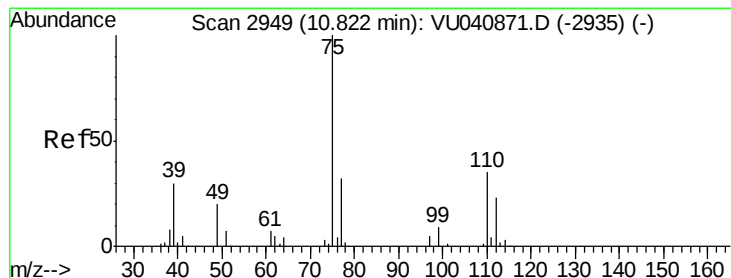
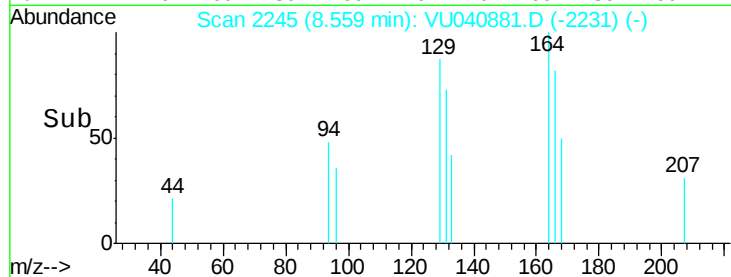
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040881.D

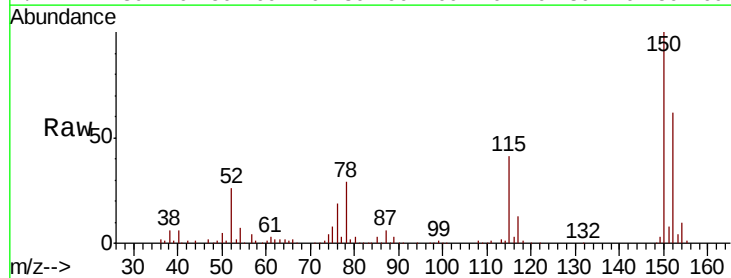
Acq: 21 Oct 2020 18:17

Tgt Ion: 75 Resp: 12786

Ion Ratio Lower Upper

75 100

77 41.6 27.5 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

8000

6000

4000

2000

0

Time-->

