

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010921\
 Data File : VU041893.D
 Acq On : 08 Jan 2021 10:17
 Operator : SY/MD
 Sample : VU0109WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 01:32:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44205	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	48061	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.57	63	69242	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	187022	57.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.70%
24) Chloroform-d	5.08	84	103758	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.71	65	59026	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	196744	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	64595	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.90	98	159707	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.18	79	24127	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	151183	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59374	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	61087	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

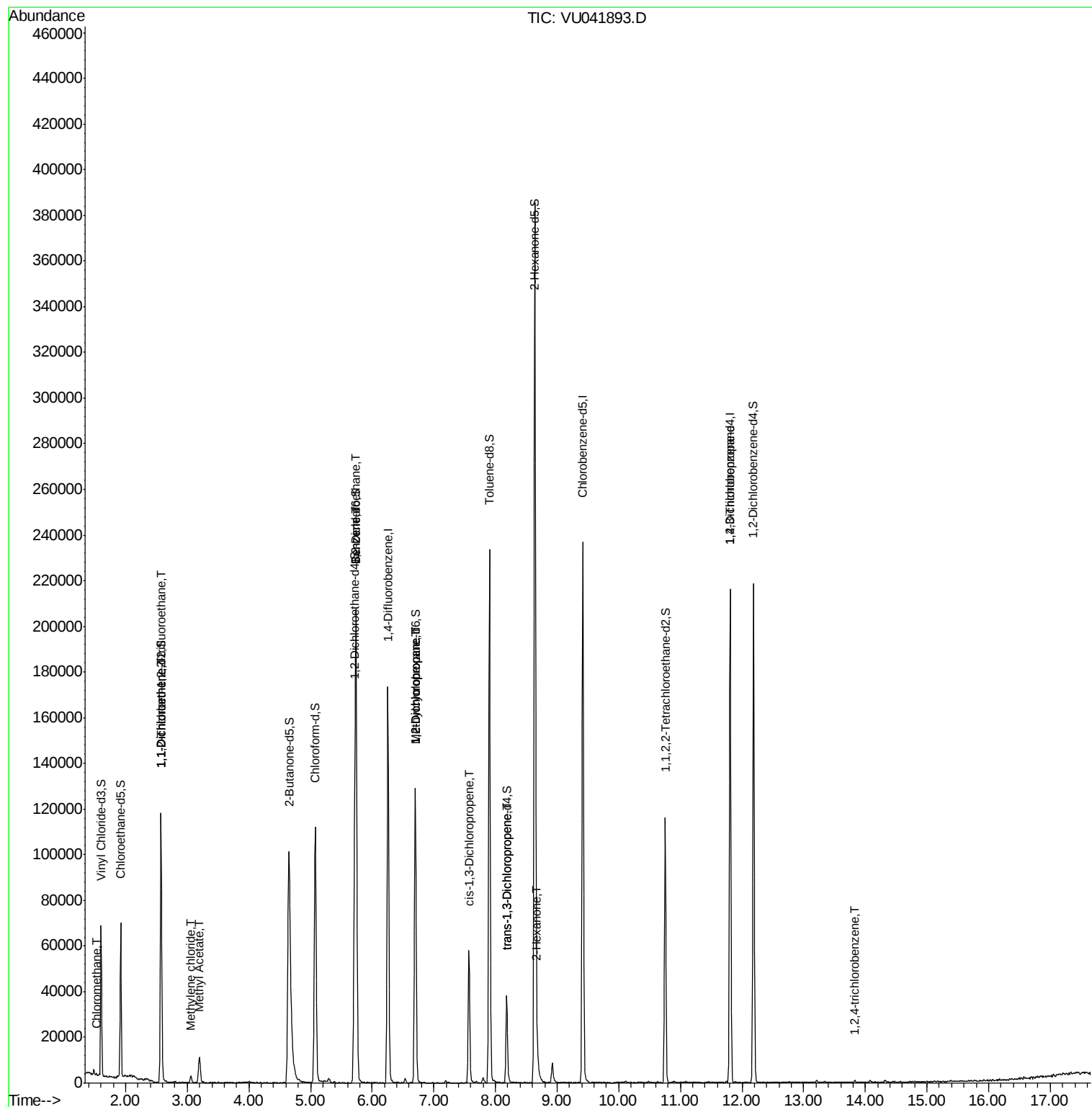
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	586	0.049	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	588	0.059	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	593	0.060	ug/L #	1
15) Methyl Acetate	3.20	43	861	0.160	ug/L #	51
16) Methylene chloride	3.06	84	1554	0.132	ug/L	81
27) 1,2-Dichloroethane	5.74	62	1017	0.078	ug/L #	73
33) Benzene	5.74	78	1493	0.034	ug/L	100
35) Methylcyclohexane	6.70	83	15462	0.862	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6818	0.604	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1617	0.097	ug/L #	80
44) trans-1,3-Dichloropropene	8.18	75	970	0.065	ug/L	90
48) 2-Hexanone	8.68	43	2742	0.469	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6829	0.805	ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	547	0.045	ug/L #	63

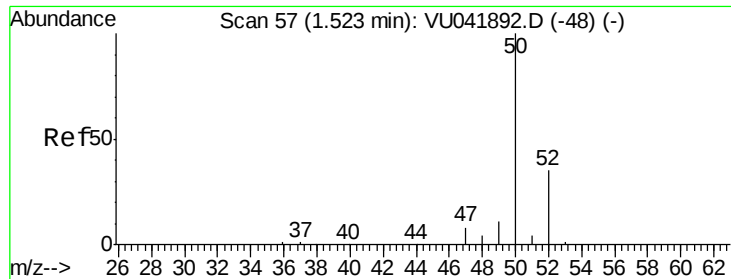
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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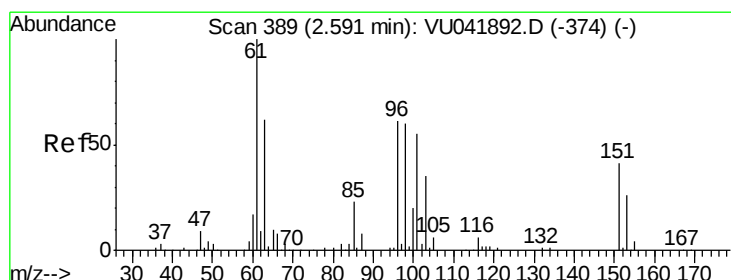
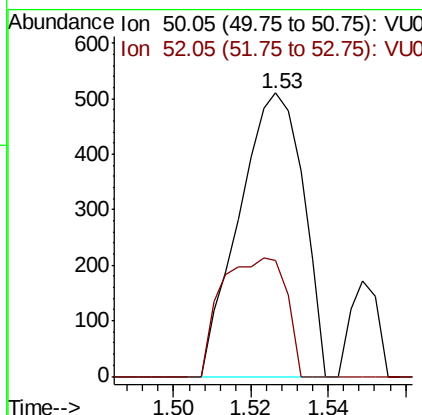
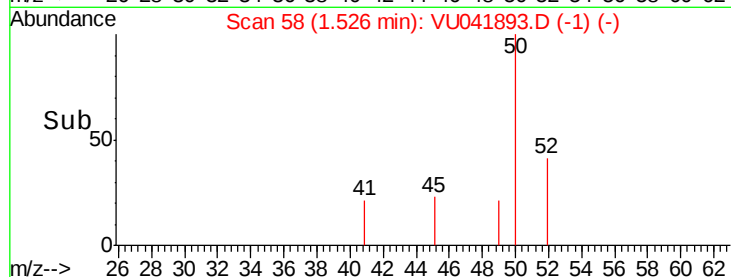
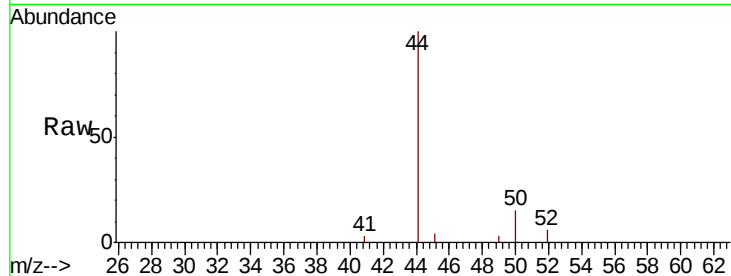




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

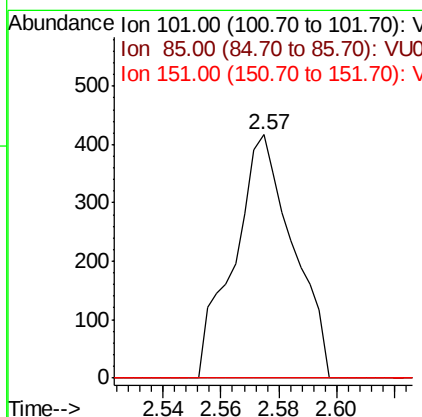
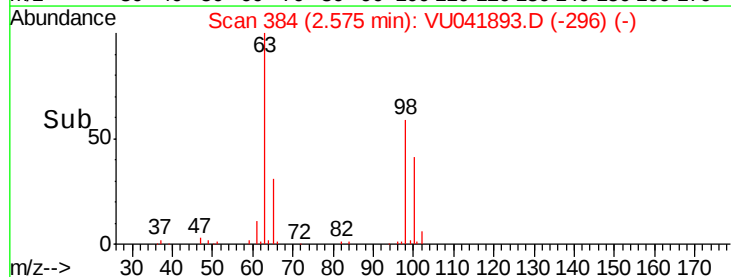
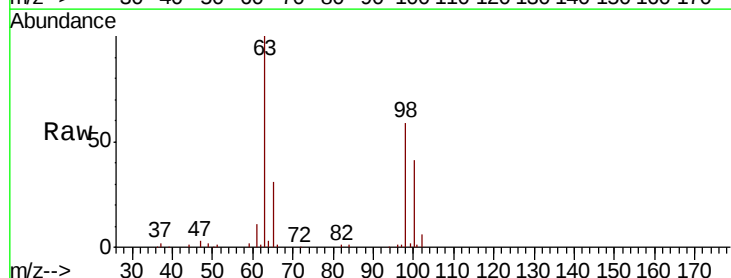
Instrument :
MSVOA_U
ClientSampleId :

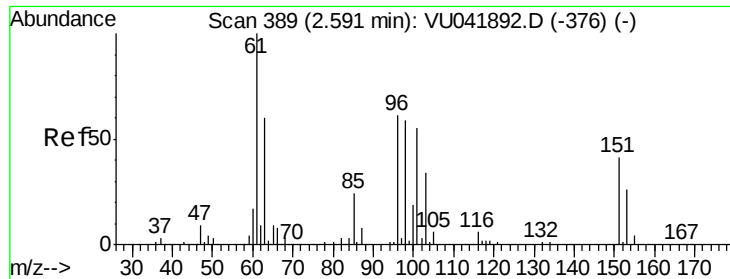
Tot Ion: 50 Resp: 586
Ion Ratio Lower Upper
50 100
52 41.0 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

Tgt Ion:101 Resp: 588
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#

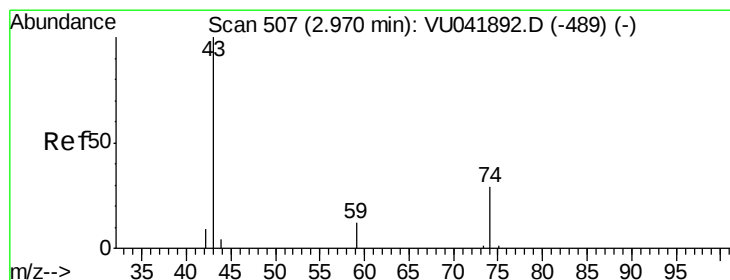
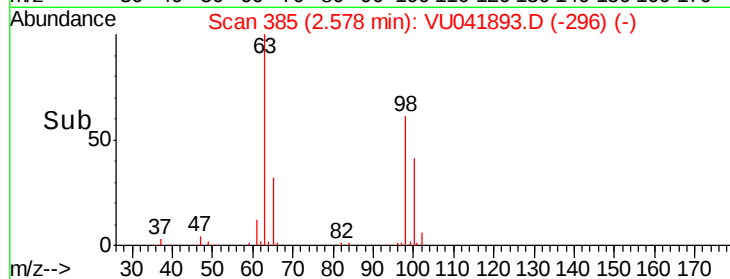
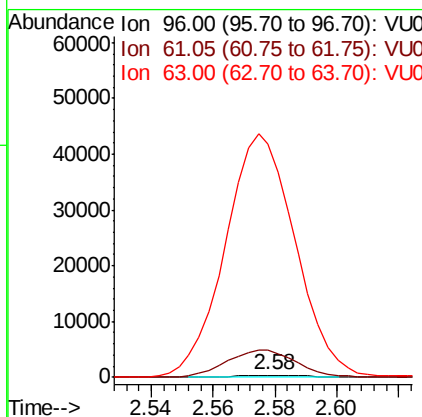
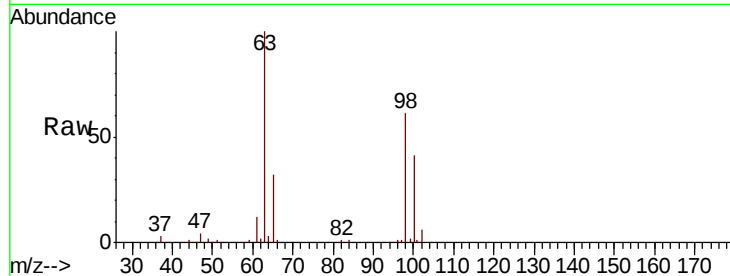




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

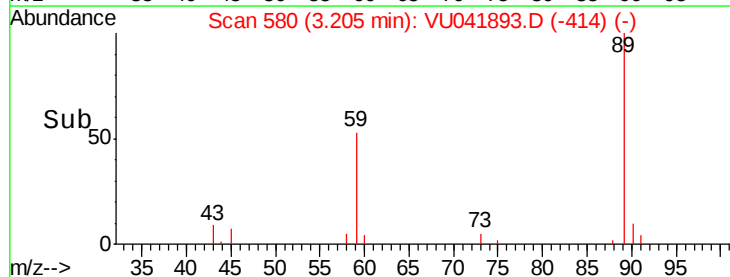
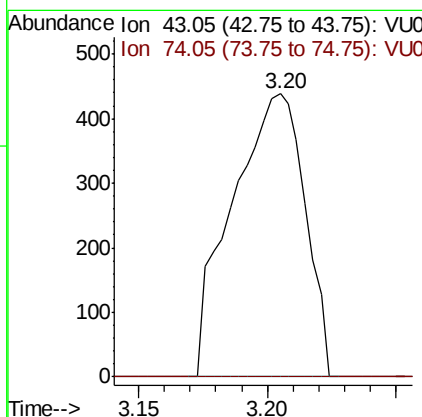
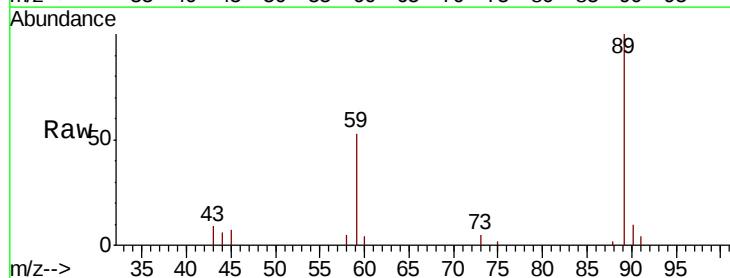
Instrument :
 MSVOA_U
 ClientSampled :

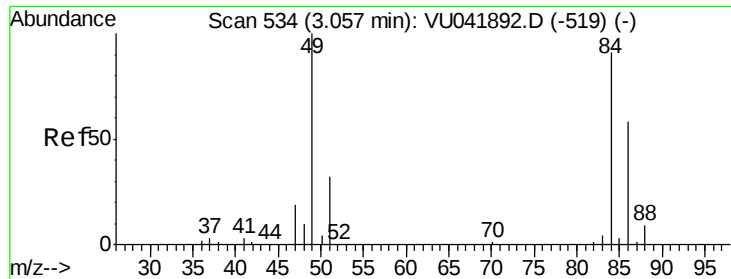
Tot Ion: 96 Resp: 593
 Ion Ratio Lower Upper
 96 100
 61 1238.9 123.8 230.0#
 63 10721.2 81.0 150.4#



#15
 Methyl Acetate
 Concen: 0.160 ug/L
 RT: 3.20 min Scan# 580
 Delta R.T. 0.23 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

Tgt Ion: 43 Resp: 861
 Ion Ratio Lower Upper
 43 100
 74 0.0 19.2 28.8#

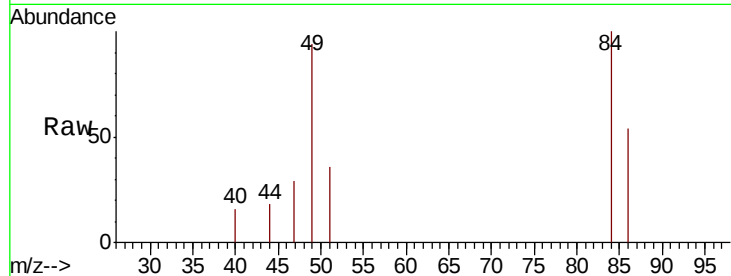




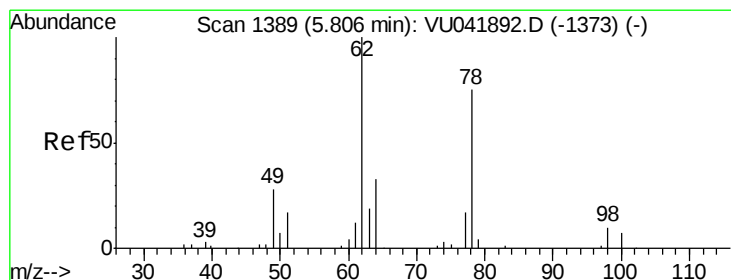
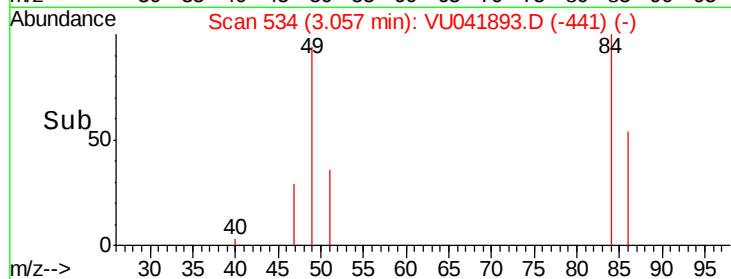
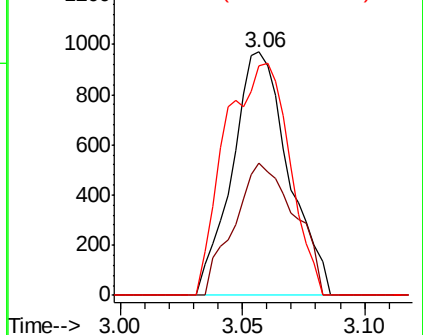
#16
Methylene chloride
Concen: 0.132 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1554
Ion Ratio Lower Upper
84 100
86 54.1 45.1 83.7
49 94.2 83.1 154.3

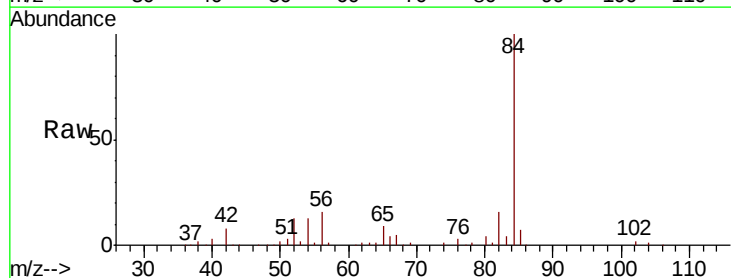


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

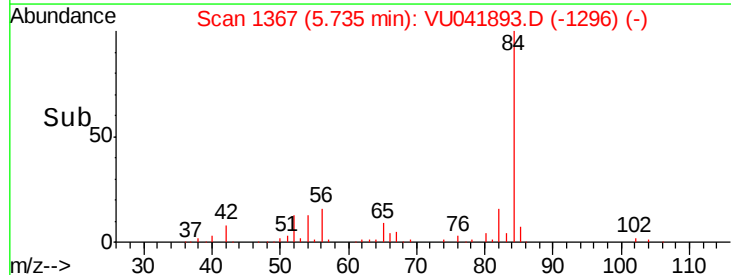
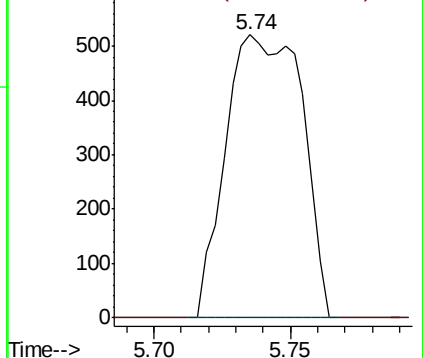


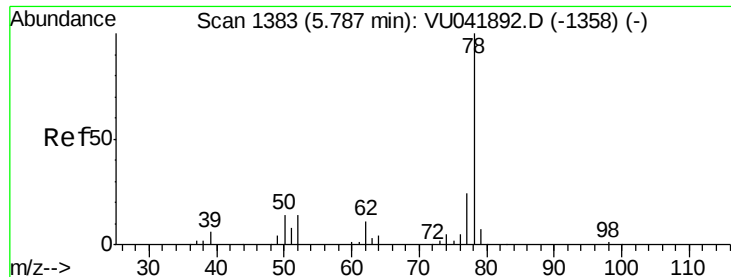
#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

Tgt Ion: 62 Resp: 1017
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

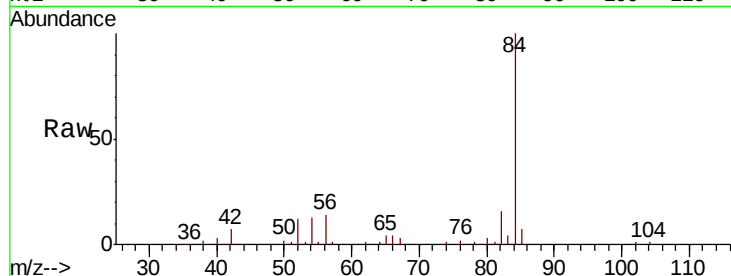




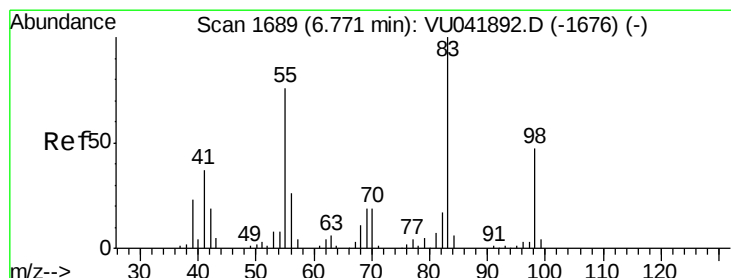
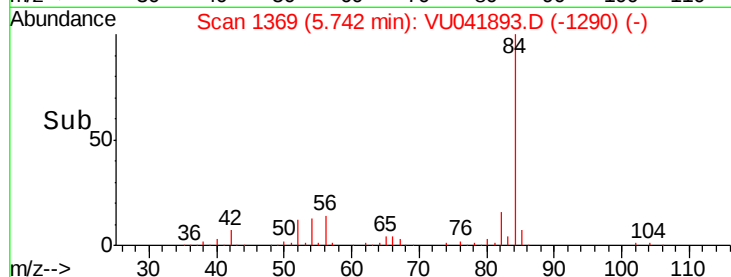
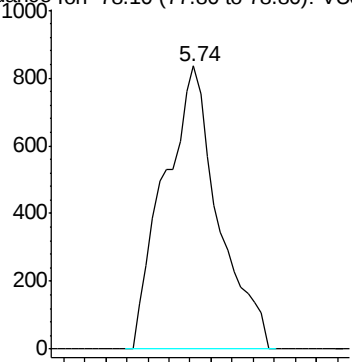
#33
Benzene
Concen: 0.034 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 1493

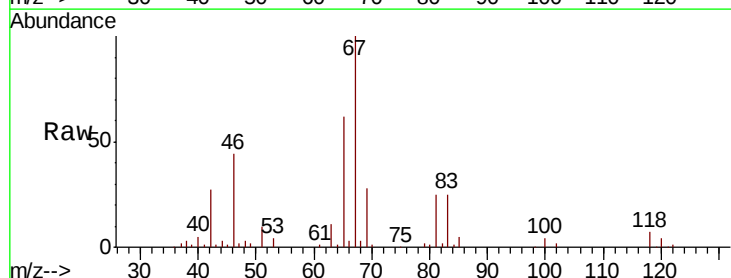


Abundance Ion 78.10 (77.80 to 78.80): VU0



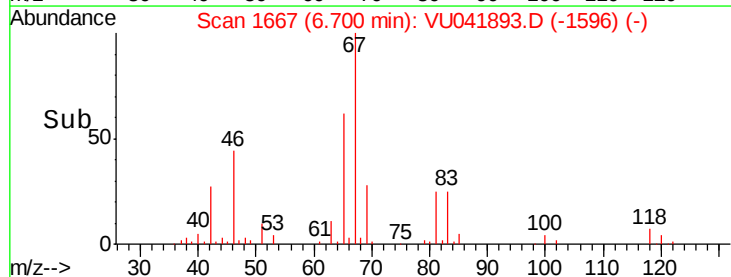
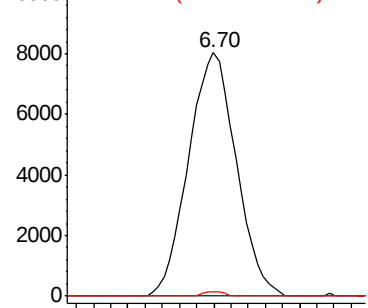
#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

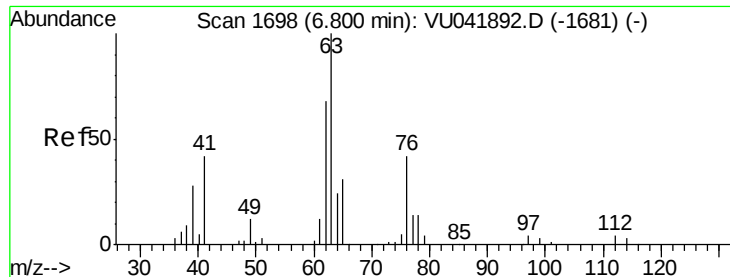
Tgt Ion: 83 Resp: 15462
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.8 36.6 54.8#



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

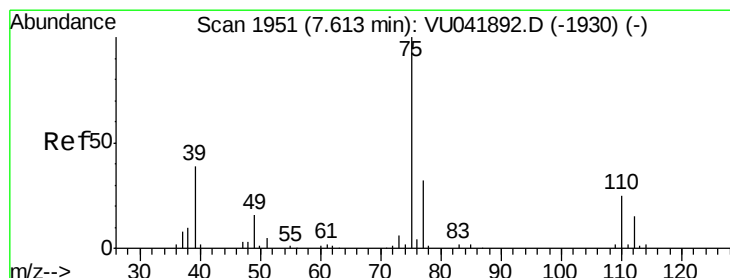
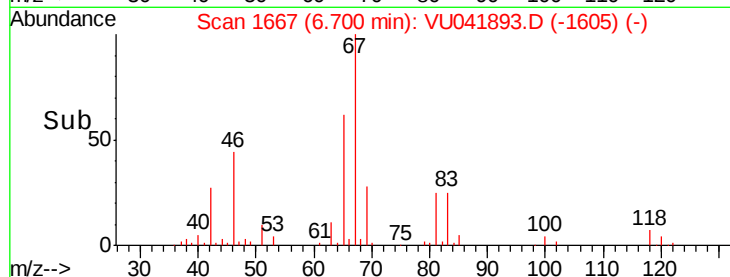
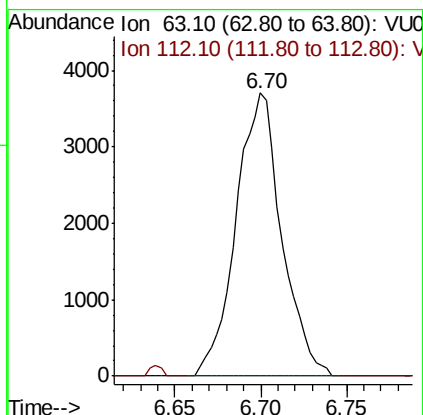
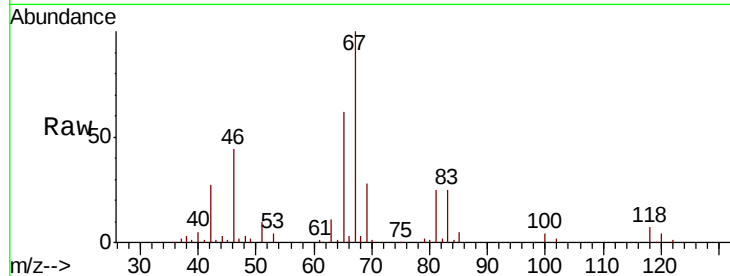




#37
 1,2-Dichloropropane
 Concen: 0.604 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

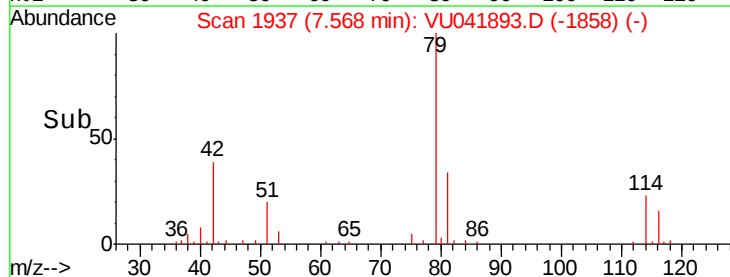
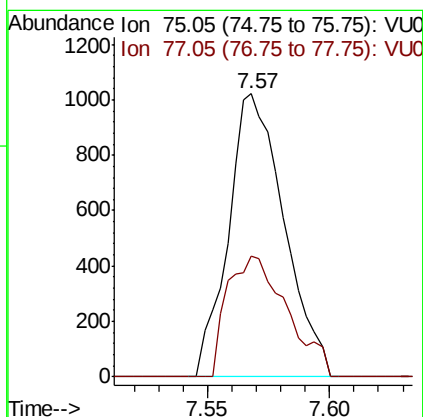
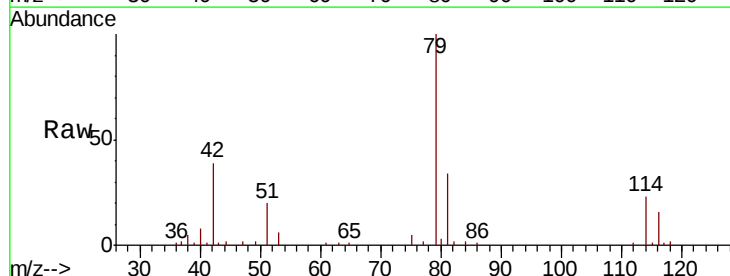
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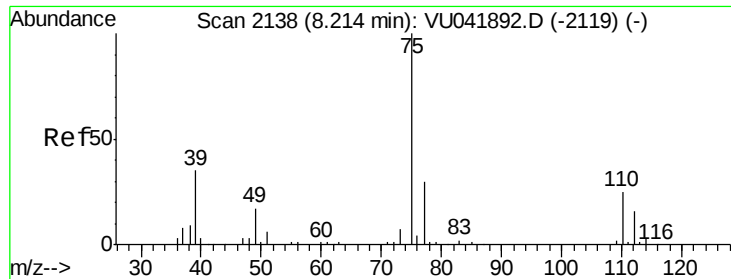
Tot Ion: 63 Resp: 6818
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

Tgt Ion: 75 Resp: 1617
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.3 41.3#

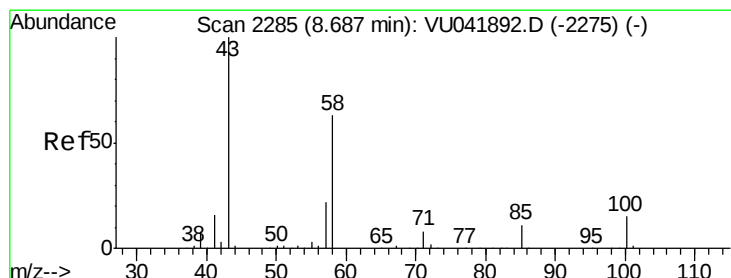
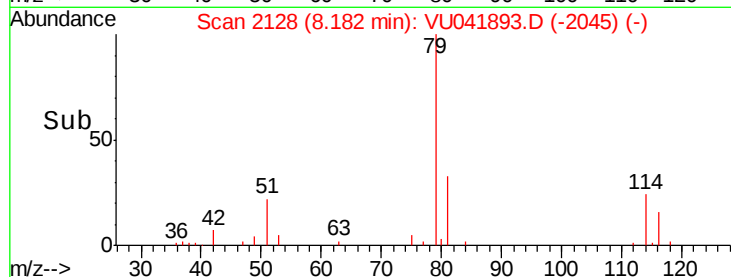
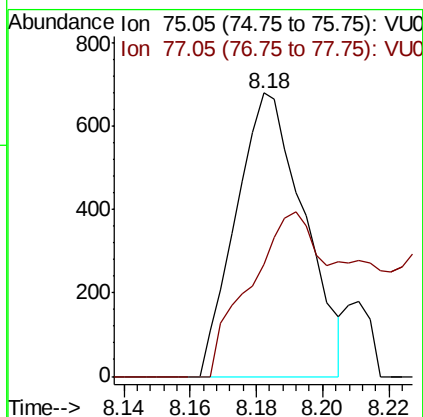
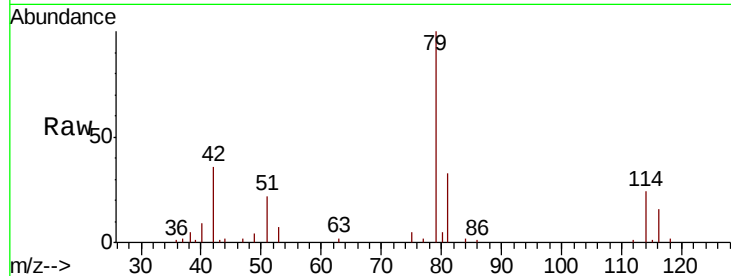




#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

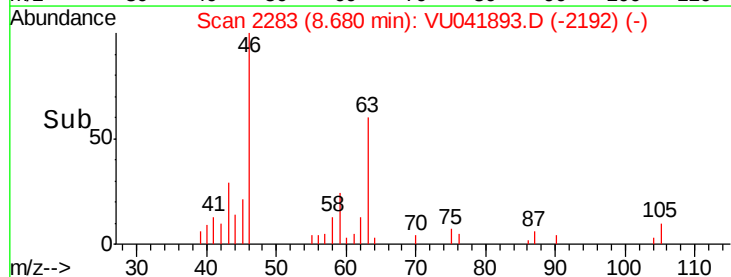
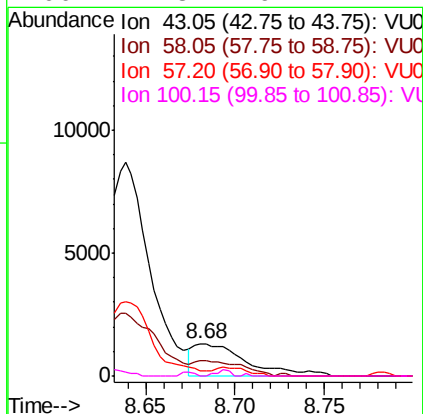
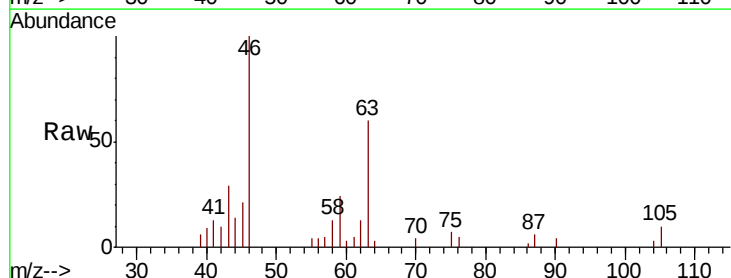
Instrument :
MSVOA_U
ClientSampled :

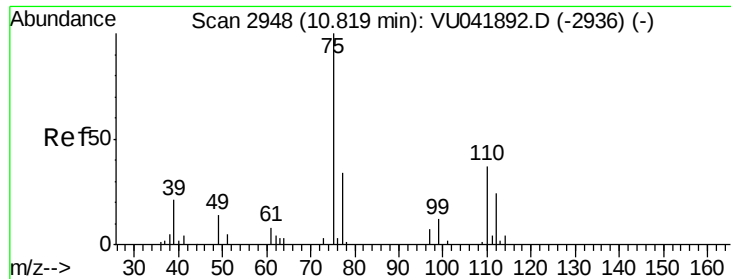
Tot Ion: 75 Resp: 970
Ion Ratio Lower Upper
75 100
77 39.7 23.8 44.2



#48
2-Hexanone
Concen: 0.469 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.01 min
Lab File: VU041893.D
Acq: 08 Jan 2021 10:17

Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
58 42.3 47.9 71.9#
57 0.0 16.5 24.7#
100 2.8 9.4 14.2#

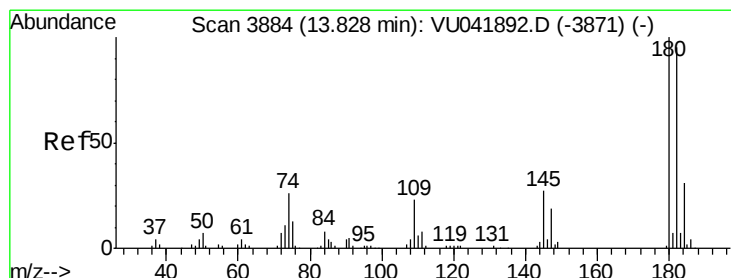
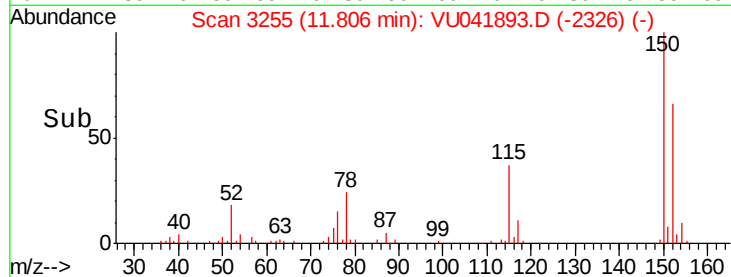
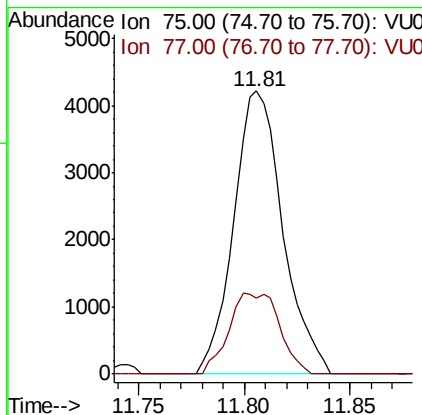
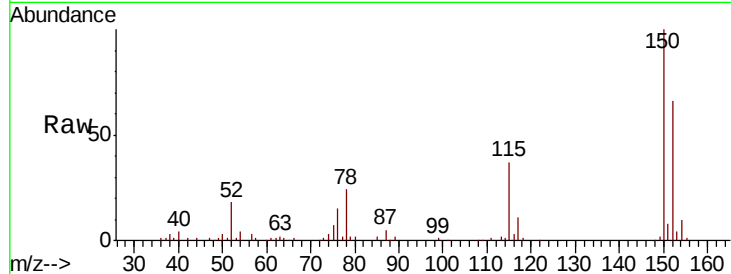




#59
 1,2,3-Trichloropropane
 Concen: 0.805 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.99 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6829
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.2 39.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.045 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041893.D
 Acq: 08 Jan 2021 10:17

Tgt Ion: 180 Resp: 547
 Ion Ratio Lower Upper
 180 100
 182 64.2 75.4 113.0#
 145 0.0 24.5 36.7#

