

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071720\
 Data File : VU039544.D
 Acq On : 17 Jul 2020 12:11
 Operator : SY/MD
 Sample : L3313-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C19

Quant Time: Jul 17 23:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37721	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20757	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	23722	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	32971	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	96894	41.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.66%
24) Chloroform-d	5.09	84	51616	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	32311	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.75	84	95401	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.71	67	32745	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	81491	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	12178	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.64	63	69221	37.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27225	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32880	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

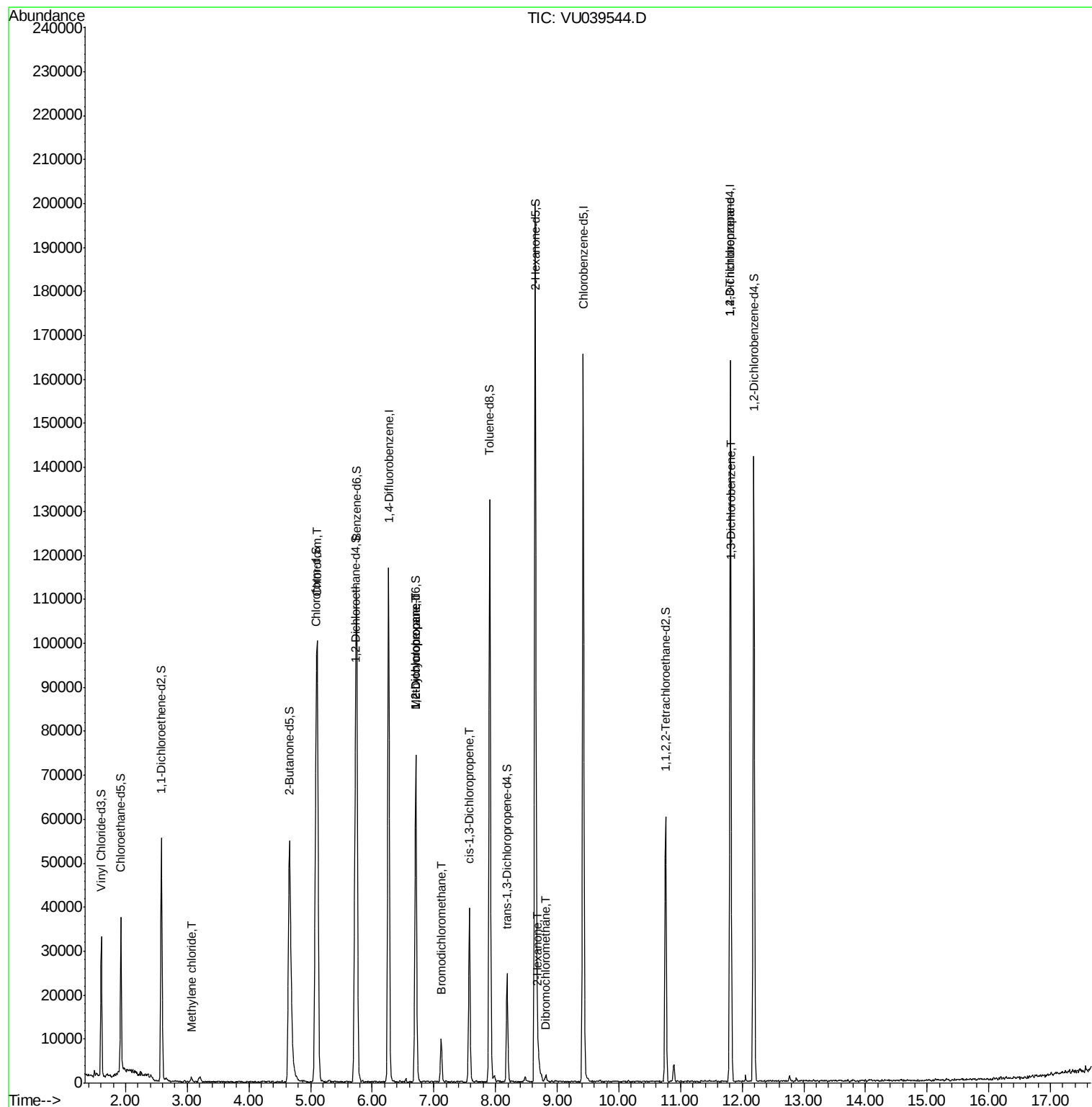
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	485	0.074	ug/L	85
25) Chloroform	5.11	83	66892	5.887	ug/L	99
35) Methylcyclohexane	6.71	83	6833	0.656	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4164	0.608	ug/L #	91
38) Bromodichloromethane	7.12	83	5759	0.658	ug/L	97
39) cis-1,3-Dichloropropene	7.57	75	1114	0.108	ug/L #	70
48) 2-Hexanone	8.69	43	4050	0.961	ug/L #	76
49) Dibromochloromethane	8.82	129	713	0.120	ug/L	90
59) 1,2,3-Trichloropropane	11.81	75	6341	1.255	ug/L	92
62) 1,3-Dichlorobenzene	11.83	146	722	0.061	ug/L #	61

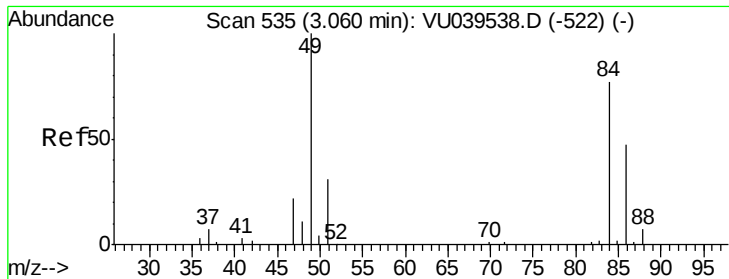
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071720\
Data File : VU039544.D
Acq On : 17 Jul 2020 12:11
Operator : SY/MD
Sample : L3313-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4C19

Quant Time: Jul 17 23:41:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

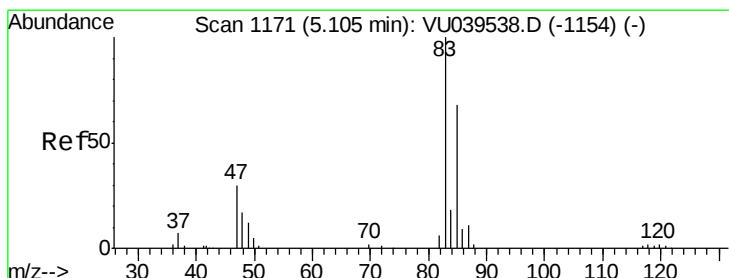
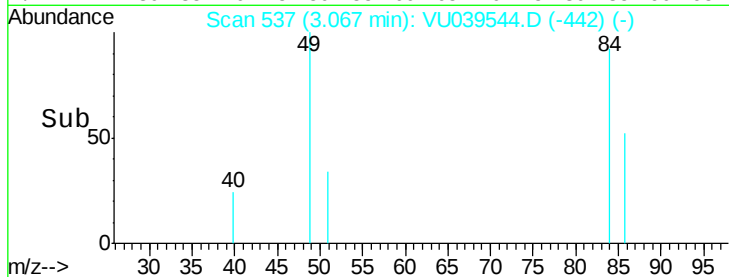
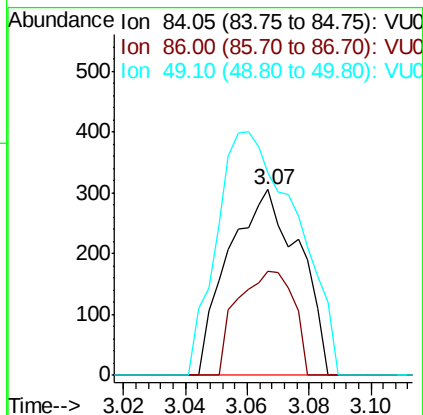
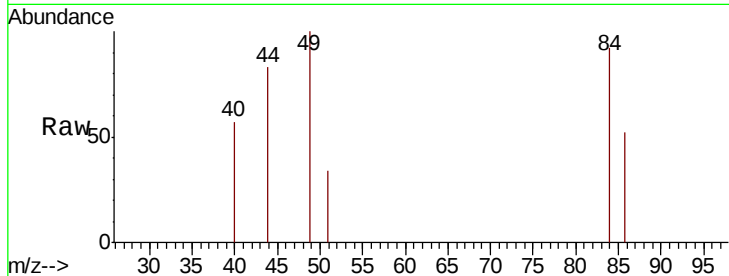




#16
Methvlene chloride
Concen: 0.074 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

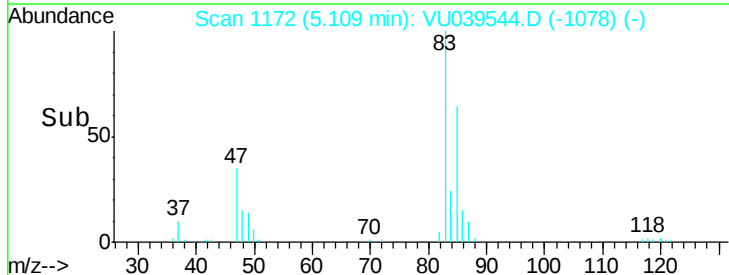
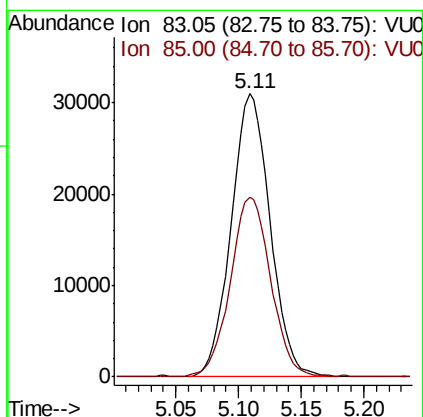
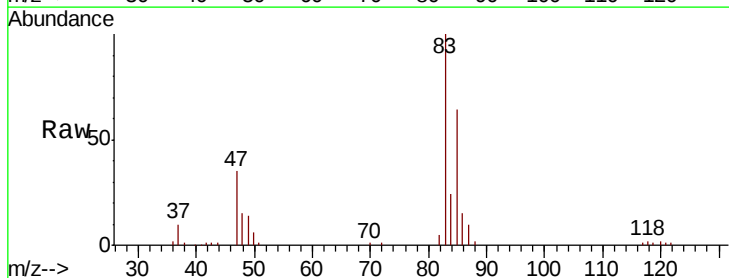
Instrument :
MSVOA_U
ClientSampled :
F4C19

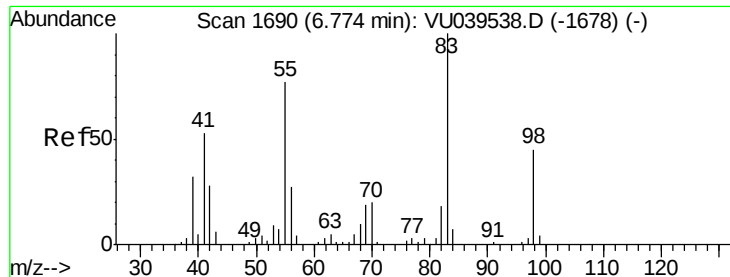
Tot Ion: 84 Resp: 485
Ion Ratio Lower Upper
84 100
86 56.4 43.5 80.9
49 109.2 91.1 169.1



#25
Chloroform
Concen: 5.887 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

Tgt Ion: 83 Resp: 66892
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5

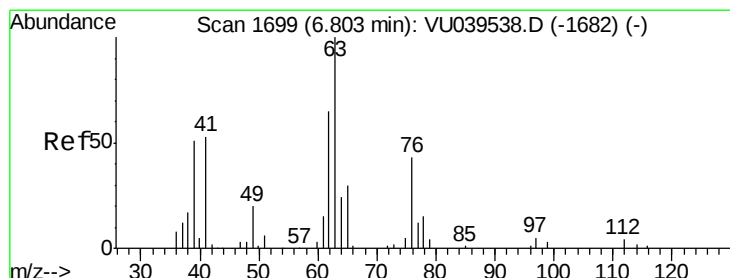
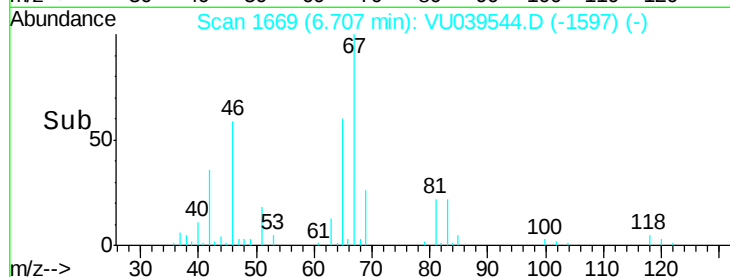
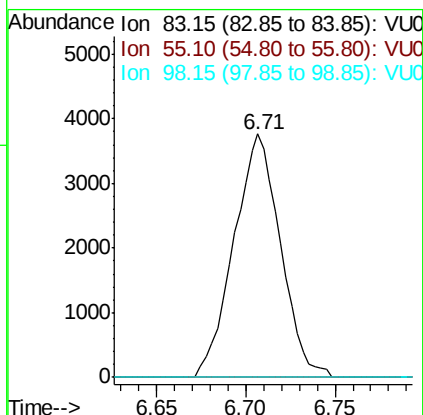
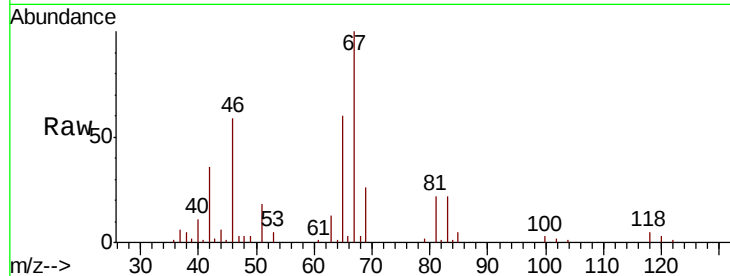




#35
Methvlcvclohexane
Concen: 0.656 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

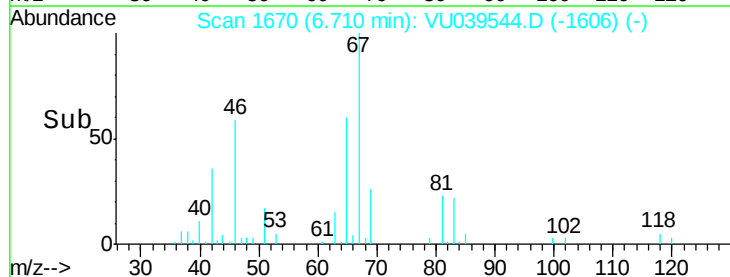
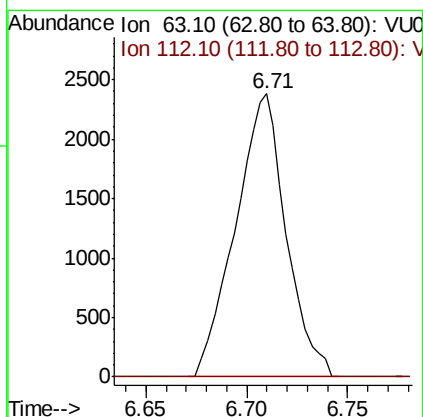
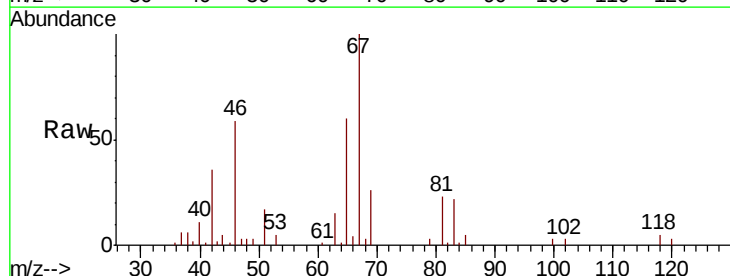
Instrument :
MSVOA_U
ClientSampleId :
F4C19

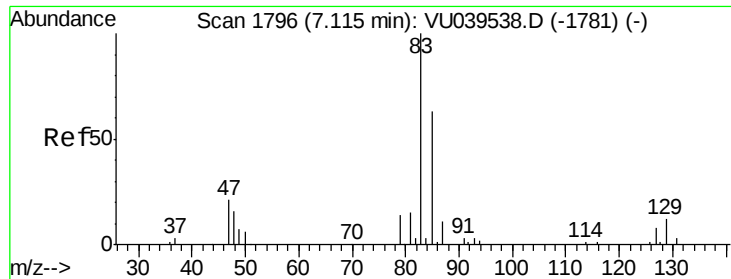
Tot Ion: 83 Resp: 6833
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.7 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

Tgt Ion: 63 Resp: 4164
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

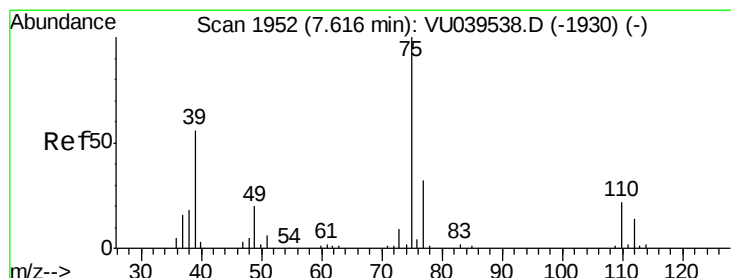
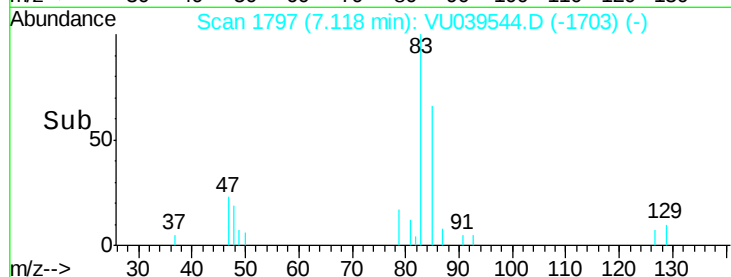
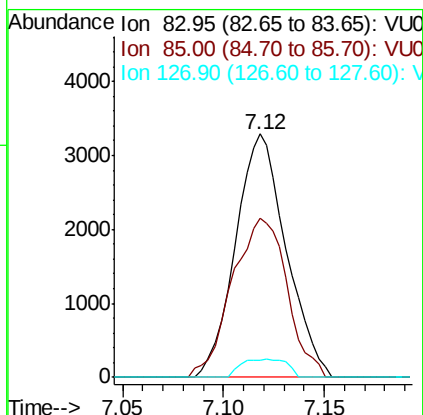
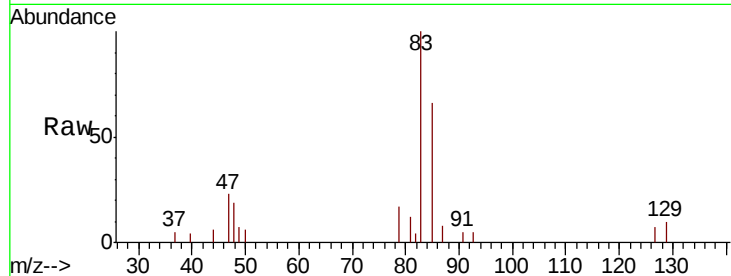




#38
Bromodichloromethane
Concen: 0.658 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

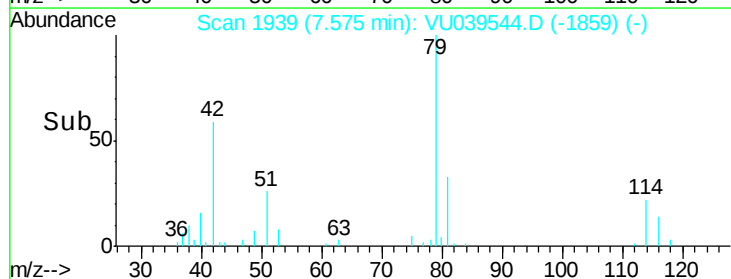
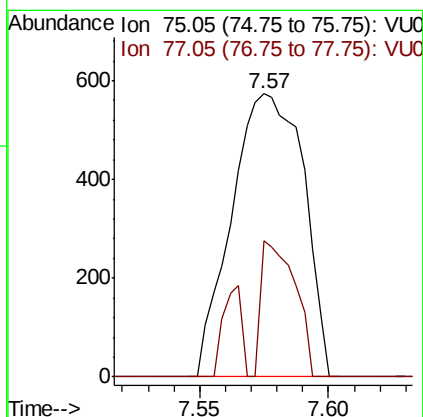
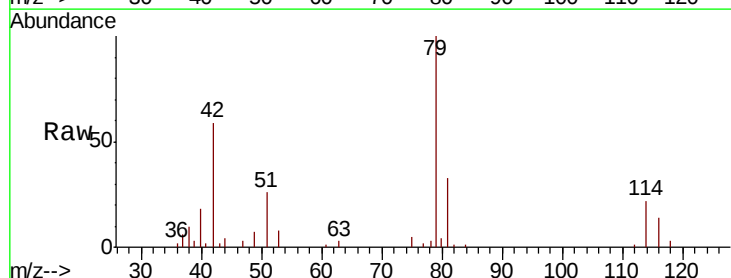
Instrument :
MSVOA_U
ClientSampleId :
F4C19

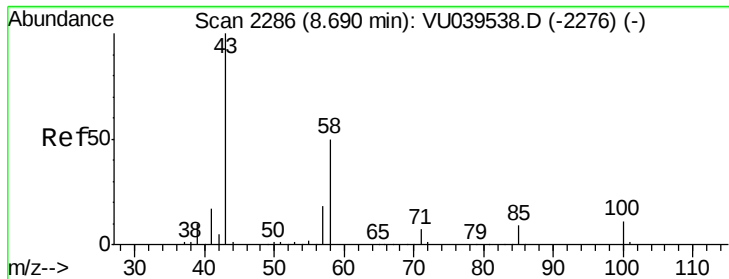
Tot Ion: 83 Resp: 5759
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.6
127 7.2 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

Tgt Ion: 75 Resp: 1114
Ion Ratio Lower Upper
75 100
77 48.3 22.3 41.3#

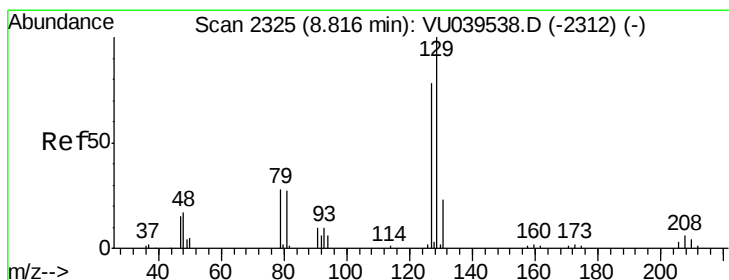
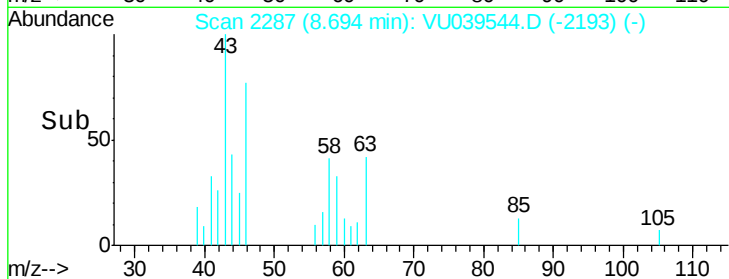
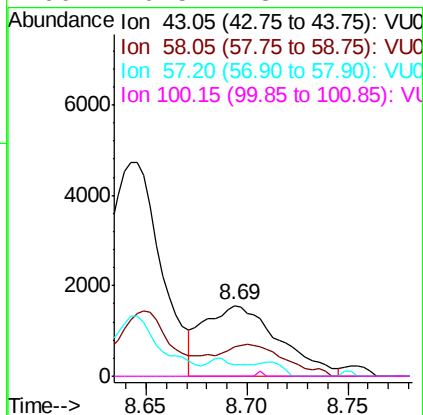
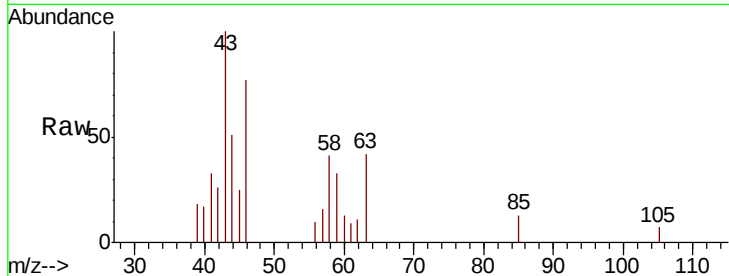




#48
2-Hexanone
Concen: 0.961 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

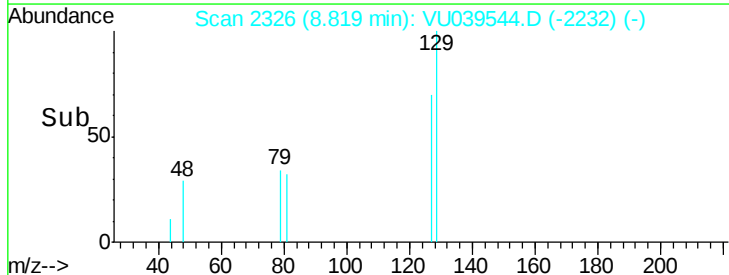
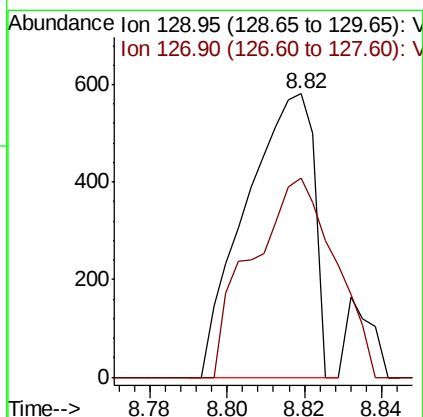
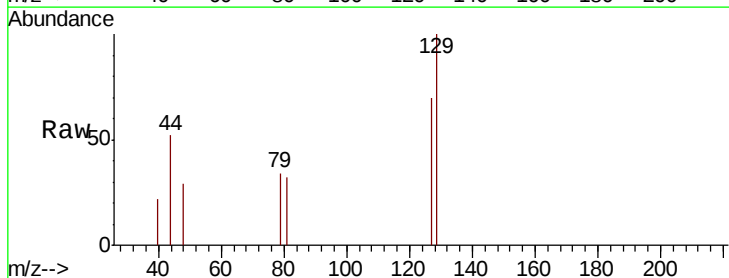
Instrument :
MSVOA_U
ClientSampleId :
F4C19

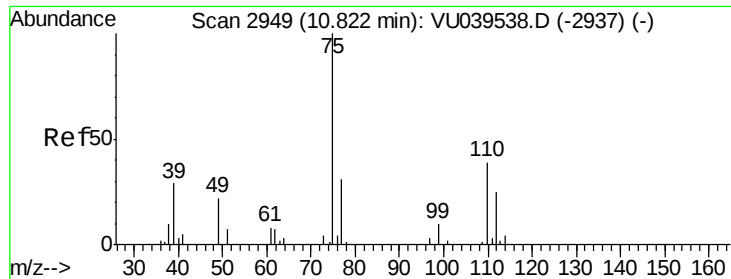
Tot Ion: 43 Resp: 4050
Ion Ratio Lower Upper
43 100
58 36.0 42.0 63.0#
57 6.2 14.0 21.0#
100 0.5 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.120 ug/L
RT: 8.82 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU039544.D
Acq: 17 Jul 2020 12:11

Tgt Ion: 129 Resp: 713
Ion Ratio Lower Upper
129 100
127 70.2 55.4 102.8

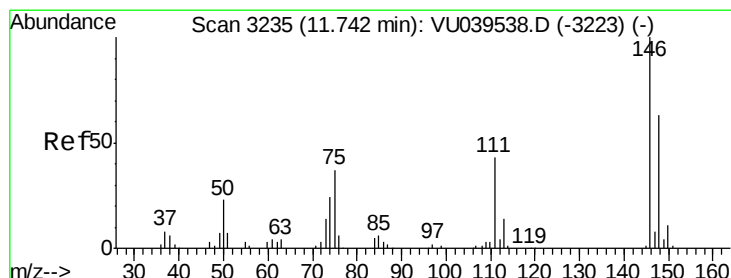
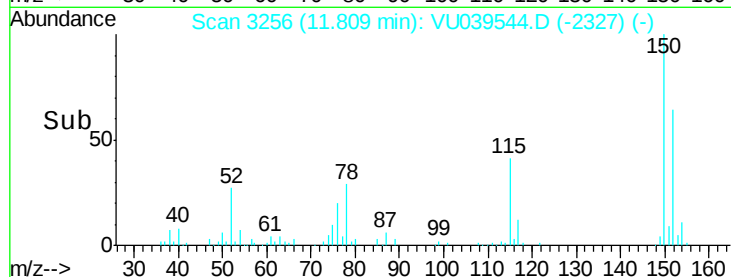
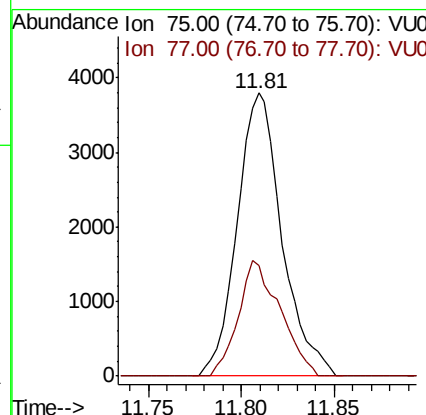
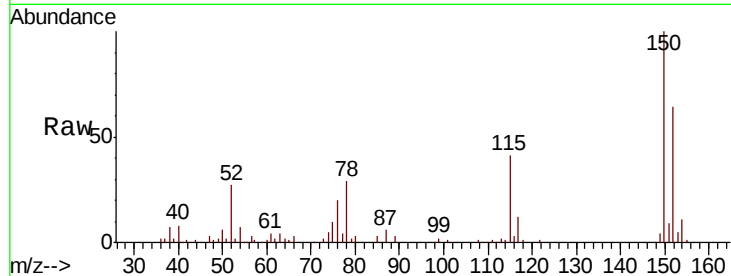




#59
 1,2,3-Trichloropropane
 Concen: 1.255 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039544.D
 Acq: 17 Jul 2020 12:11

Instrument :
 MSVOA_U
 ClientSampled :
 F4C19

Tot Ion: 75 Resp: 6341
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.8 40.2



#62
 1,3-Dichlorobenzene
 Concen: 0.061 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.09 min
 Lab File: VU039544.D
 Acq: 17 Jul 2020 12:11

Tgt Ion: 146 Resp: 722
 Ion Ratio Lower Upper
 146 100
 111 70.9 29.0 53.8#
 148 87.8 43.5 80.9#

