

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039187.D
 Acq On : 29 Jun 2020 13:42
 Operator : SY/MD
 Sample : L3121-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F00DL

Quant Time: Jun 30 01:38:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101301	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	82674	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	145170	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.68	46	347059	46.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	5.10	84	179579	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.74	65	111956	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.76	84	350025	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.72	67	111353	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	282632	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.20	79	51082	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	262902	47.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98021	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	111838	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

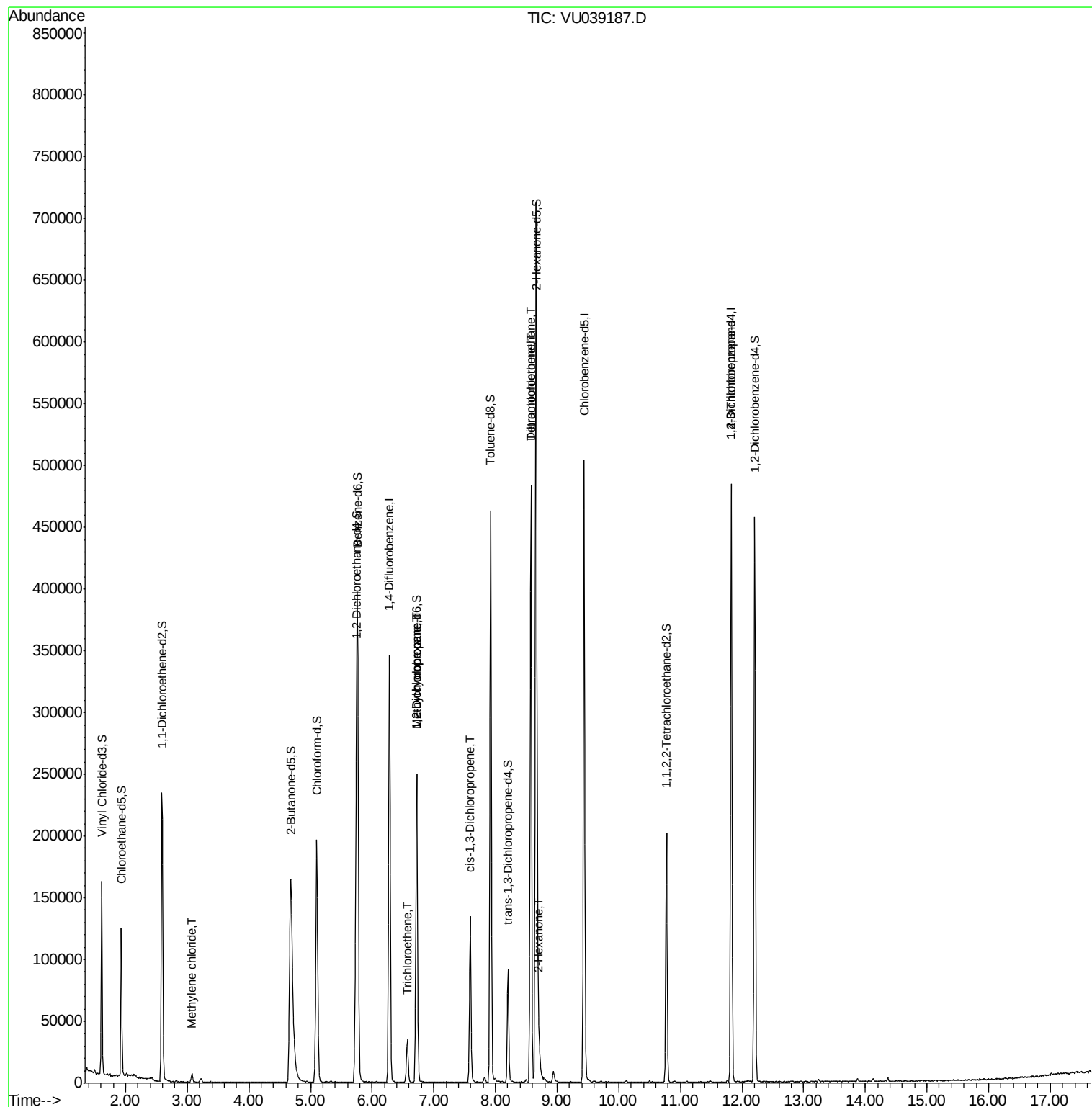
					Ovalue
16) Methylene chloride	3.07	84	2920	0.123 ug/L	91
34) Trichloroethene	6.57	95	10587	0.488 ug/L	95
35) Methylcyclohexane	6.72	83	26482	0.819 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13231	0.587 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3408	0.105 ug/L #	51
47) Tetrachloroethene	8.57	164	99255	6.357 ug/L	98
48) 2-Hexanone	8.71	43	14789	1.191 ug/L #	90
49) Dibromochloromethane	8.57	129	96916	5.041 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17152	1.012 ug/L	92

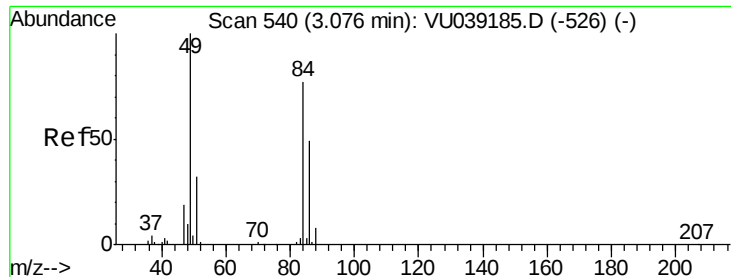
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

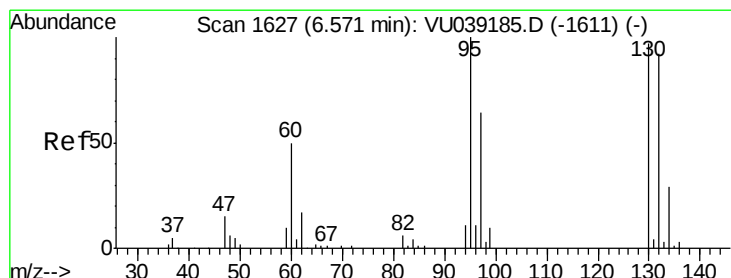
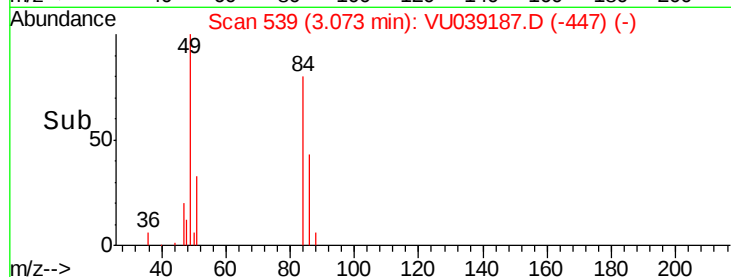
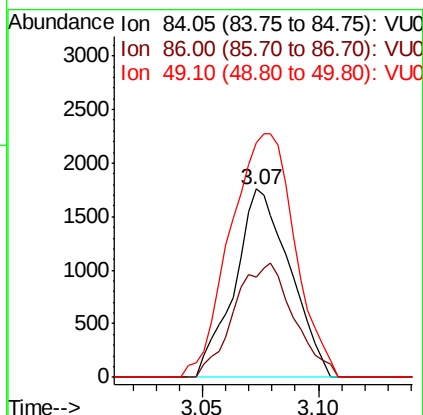
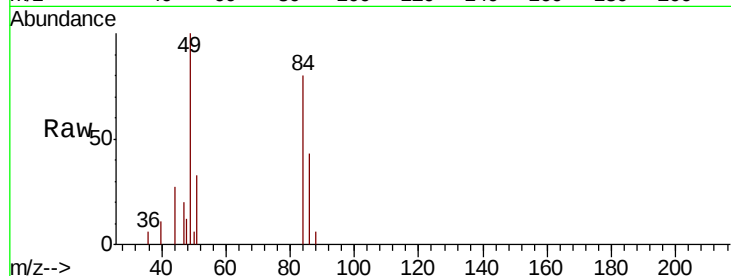




#16
Methvlene chloride
Concen: 0.123 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

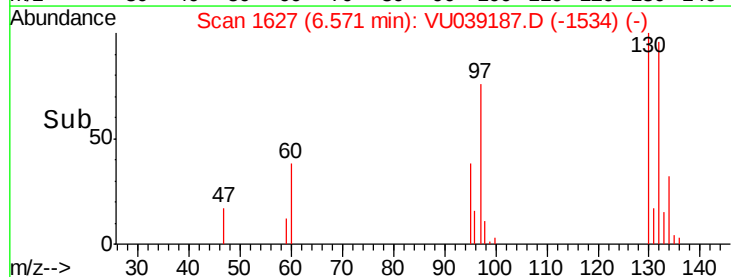
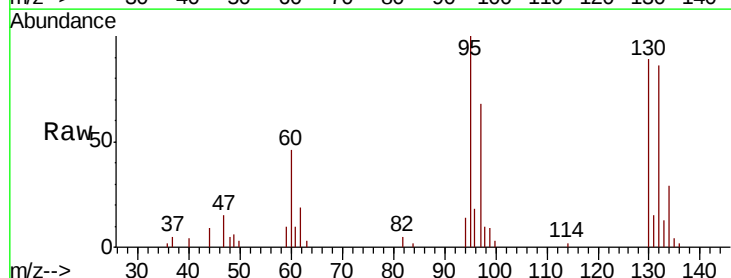
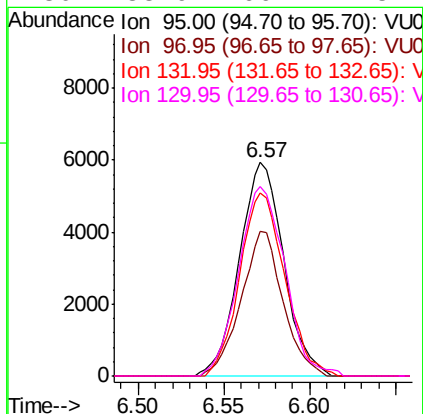
Instrument :
MSVOA_U
ClientSampleId :
F9F00DL

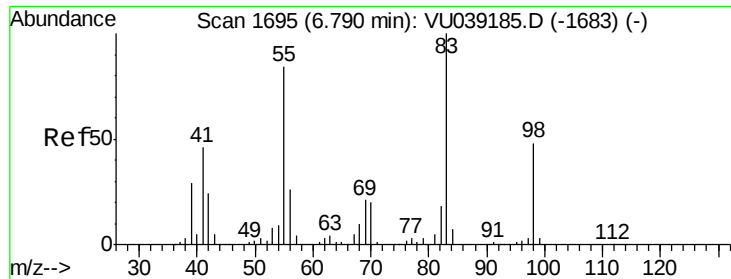
Tot Ion: 84 Resp: 2920
Ion Ratio Lower Upper
84 100
86 53.6 44.2 82.2
49 125.0 93.2 173.0



#34
Trichloroethene
Concen: 0.488 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

Tgt Ion: 95 Resp: 10587
Ion Ratio Lower Upper
95 100
97 67.6 44.0 81.8
132 85.7 61.2 113.8
130 88.9 66.4 123.4

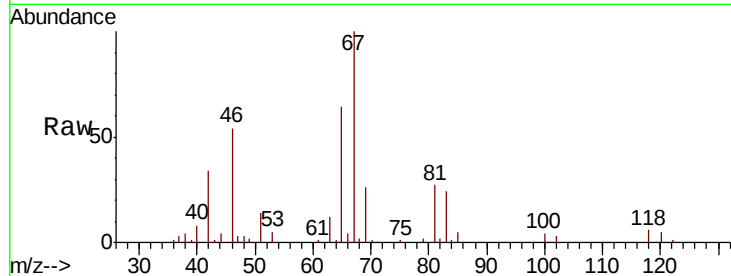




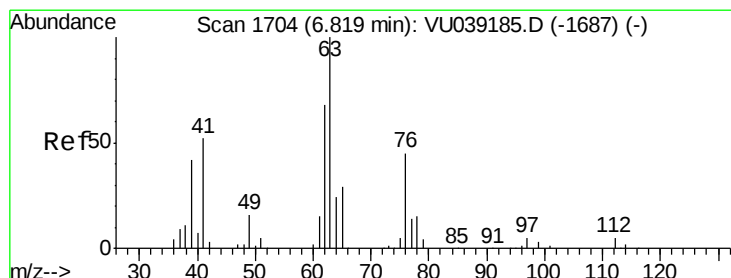
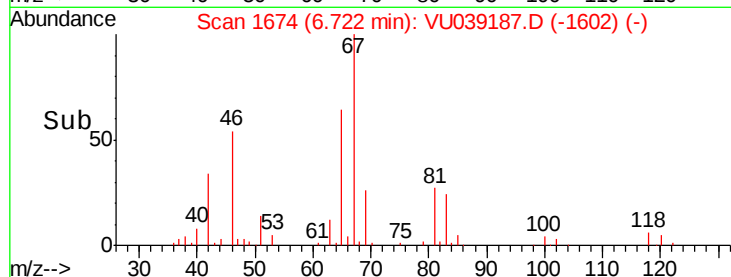
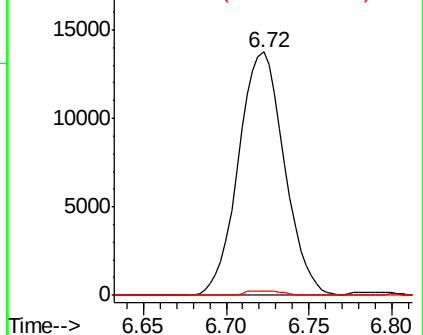
#35
Methvlcvclohexane
Concen: 0.819 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

Instrument :
MSVOA_U
ClientSampled :
F9F00DL

Tot Ion: 83 Resp: 26482
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.5 38.2 57.4#

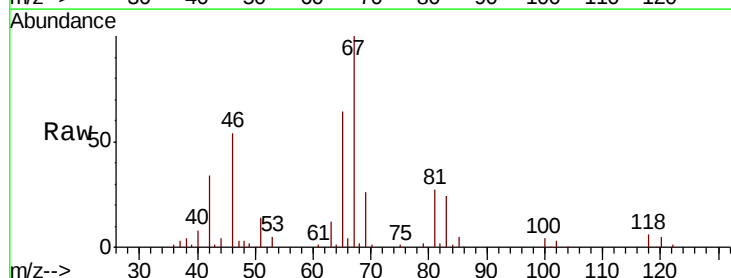


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

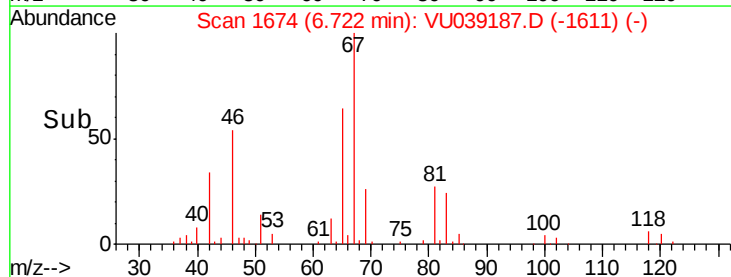
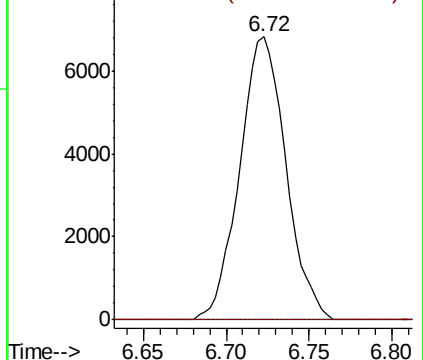


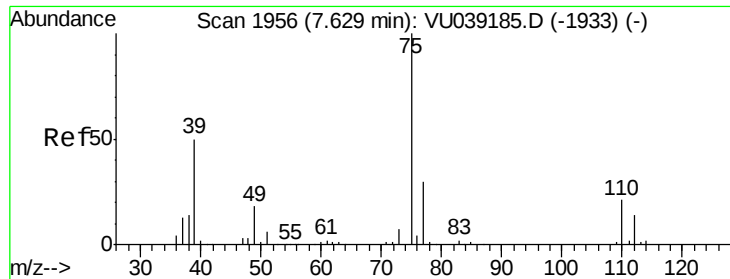
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

Tgt Ion: 63 Resp: 13231
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

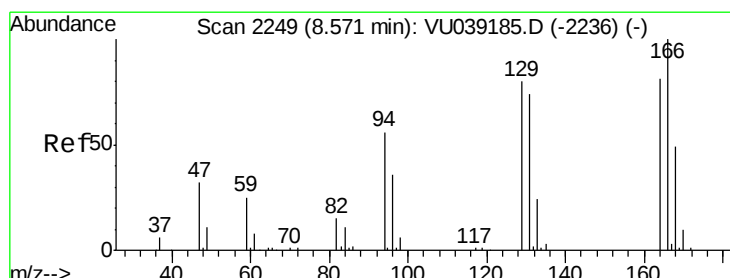
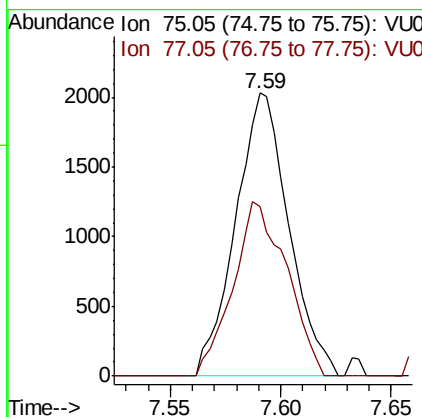
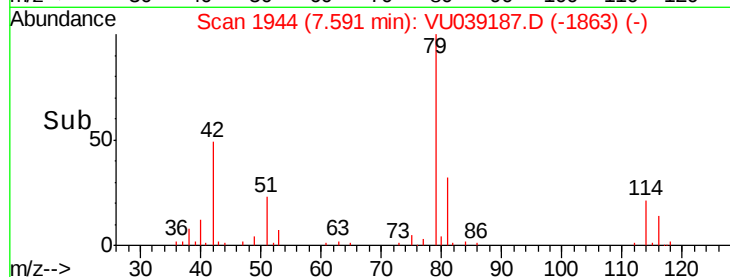
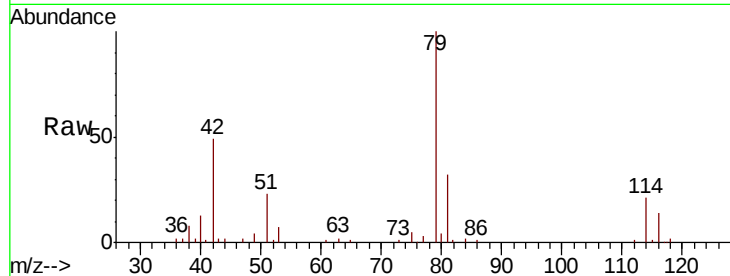




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039187.D
 Acq: 29 Jun 2020 13:42

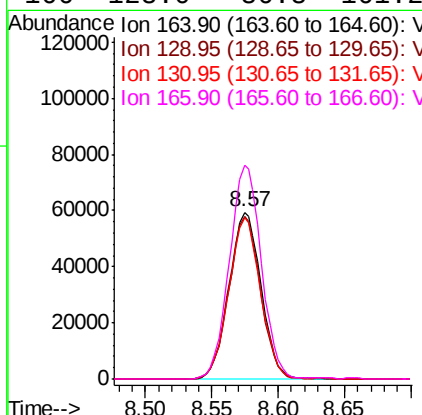
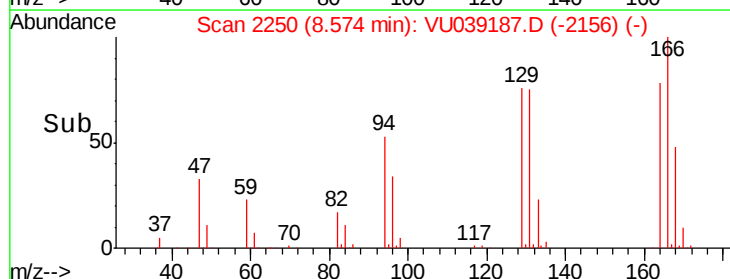
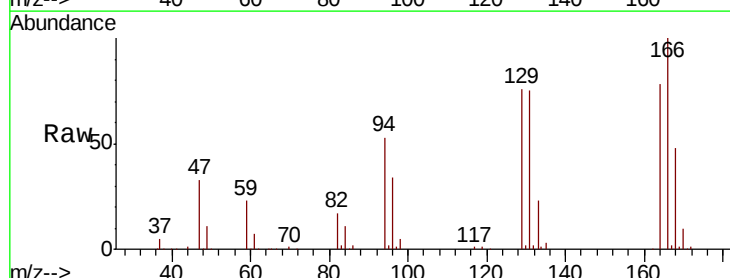
Instrument :
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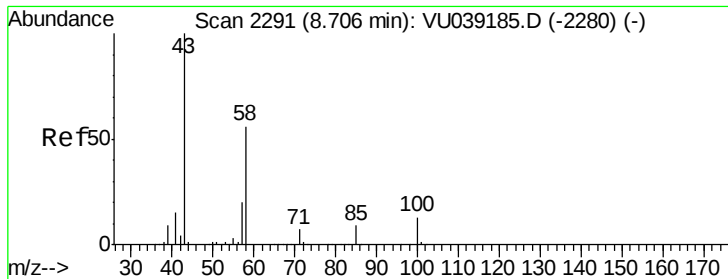
Tot Ion: 75 Resp: 3408
 Ion Ratio Lower Upper
 75 100
 77 60.0 22.7 42.1#



#47
 Tetrachloroethene
 Concen: 6.357 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU039187.D
 Acq: 29 Jun 2020 13:42

Tgt Ion:164 Resp: 99255
 Ion Ratio Lower Upper
 164 100
 129 97.2 67.6 125.6
 131 96.6 66.1 122.7
 166 128.0 86.8 161.2

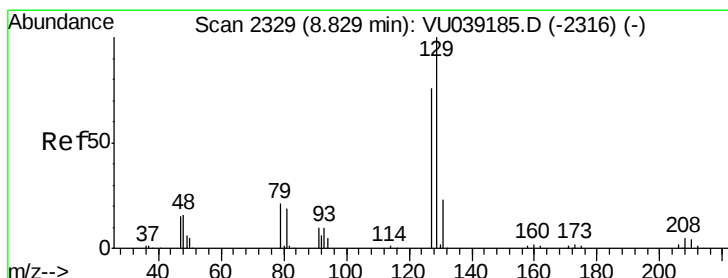
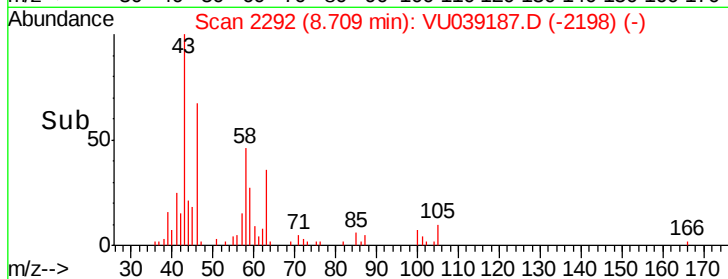
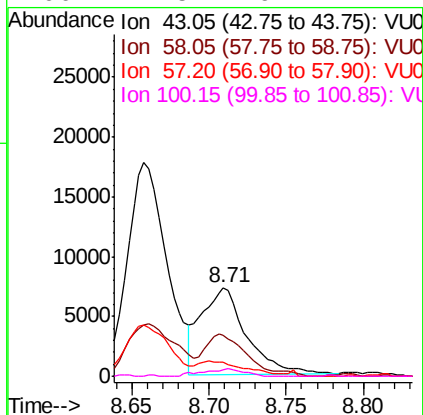
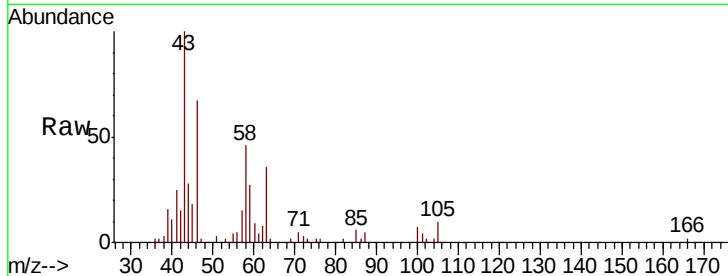




#48
2-Hexanone
Concen: 1.191 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

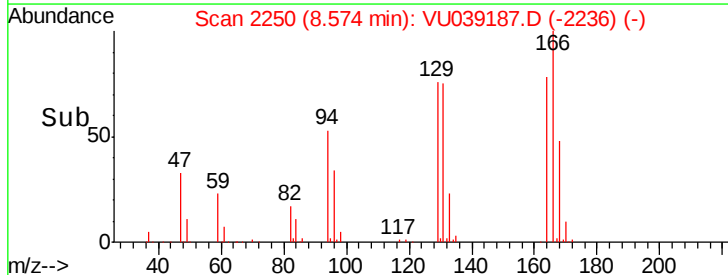
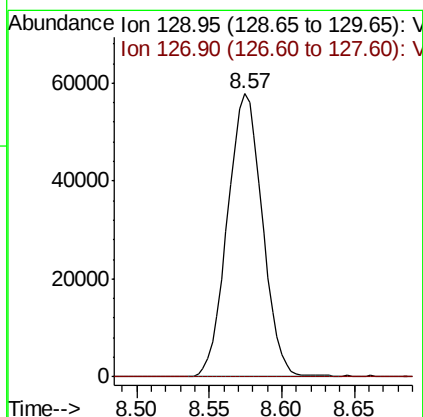
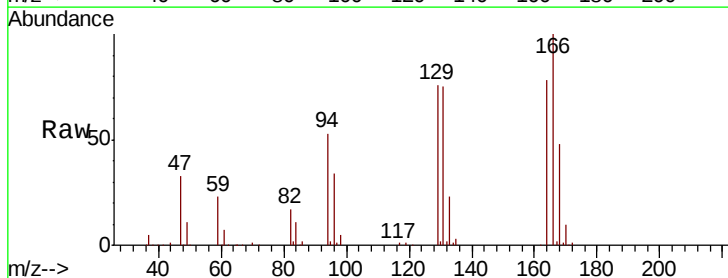
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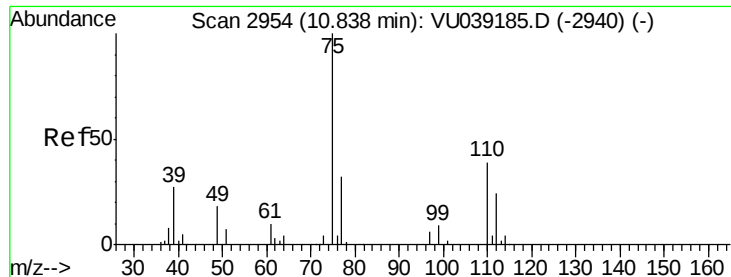
Tot Ion: 43 Resp: 14789
Ion Ratio Lower Upper
43 100
58 45.7 43.6 65.4
57 17.3 15.6 23.4
100 7.5 9.4 14.2#



#49
Dibromochloromethane
Concen: 5.041 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.25 min
Lab File: VU039187.D
Acq: 29 Jun 2020 13:42

Tgt Ion:129 Resp: 96916
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039187.D

Acq: 29 Jun 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

F9F00DL

Tot Ion: 75 Resp: 17152

Ion Ratio Lower Upper

75 100

77 36.4 25.6 38.4

