

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074025.D
 Acq On : 19 Aug 2022 14:35
 Operator : JC\MD
 Sample : N4264-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 U-3

Quant Time: Aug 20 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

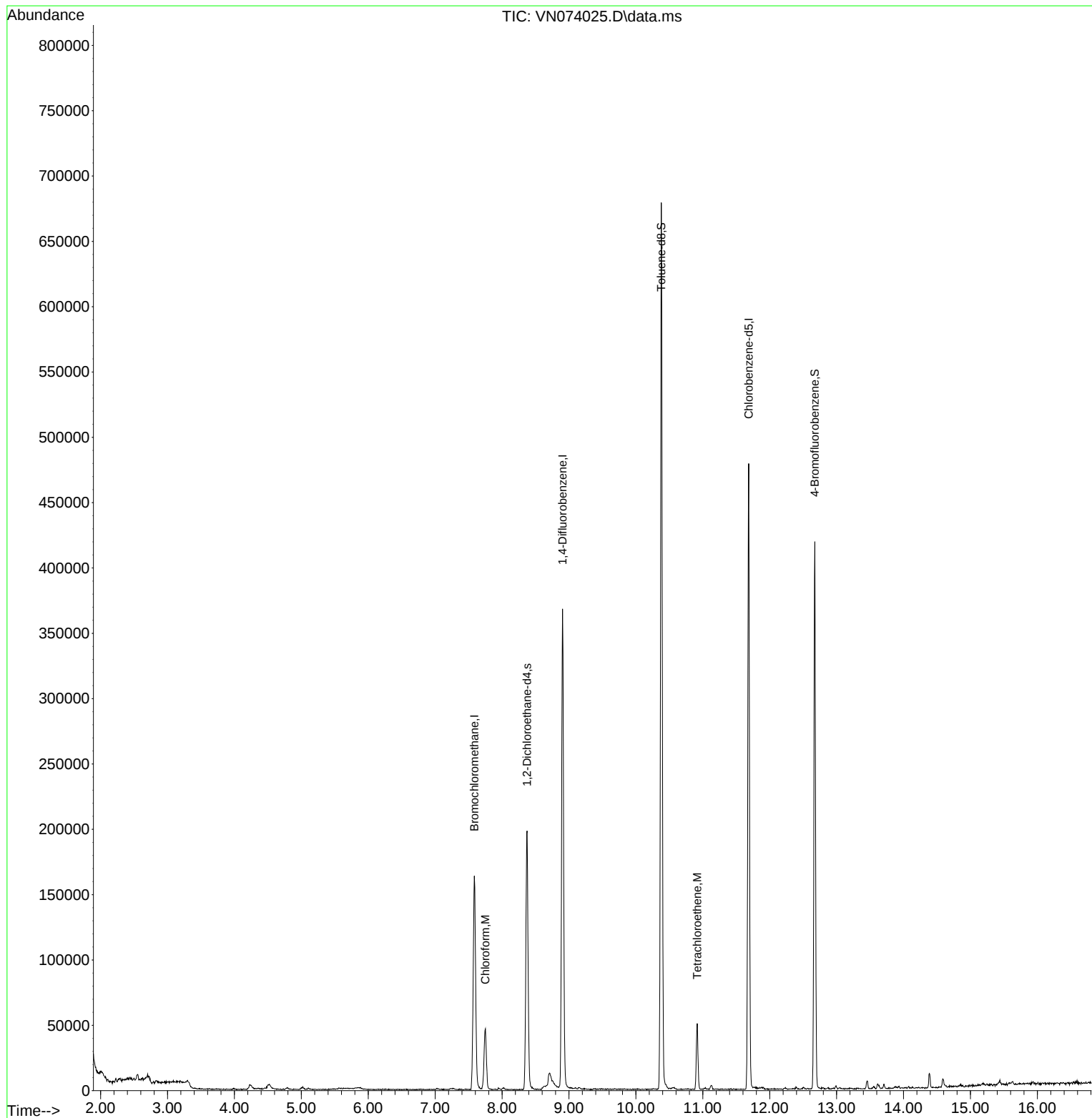
Internal Standards						
1) Bromochloromethane	7.586	128	67304	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	341691	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	295717	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	168453	28.948	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.500%
60) 4-Bromofluorobenzene	12.674	95	138294	26.412	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.033%
63) Toluene-d8	10.380	98	481300	28.905	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.333%
Target Compounds						
25) Chloroform	7.751	83	47374	5.087	ug/l	96
61) Tetrachloroethene	10.916	164	12595	2.781	ug/l #	83

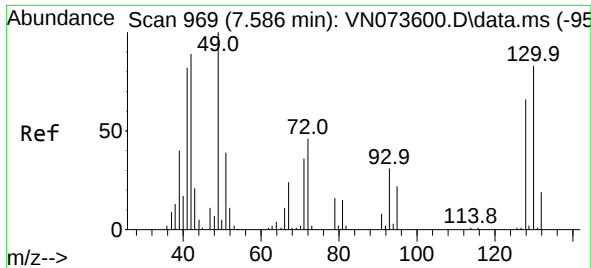
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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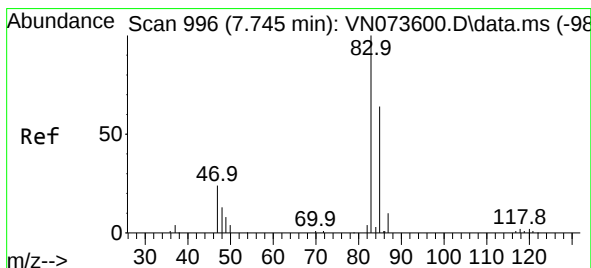
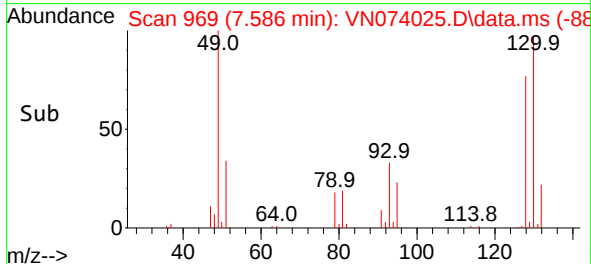
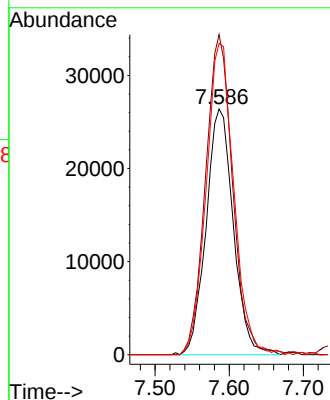
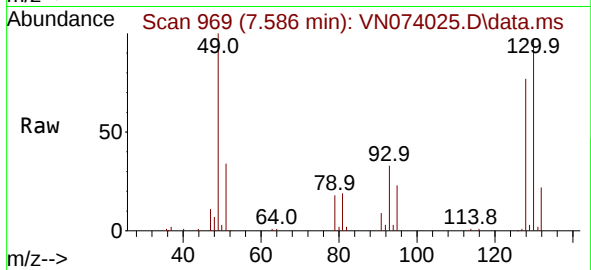




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

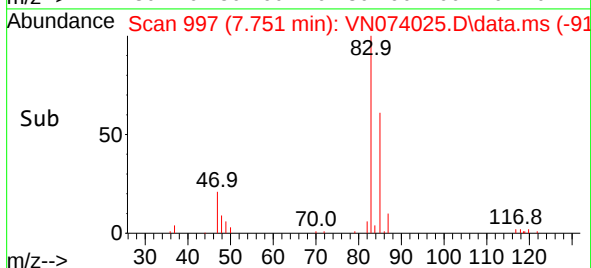
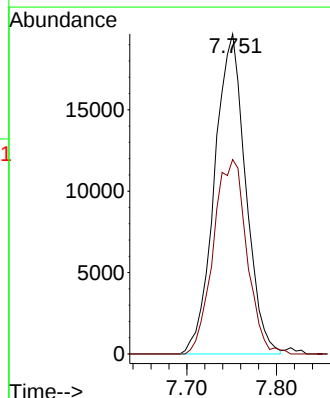
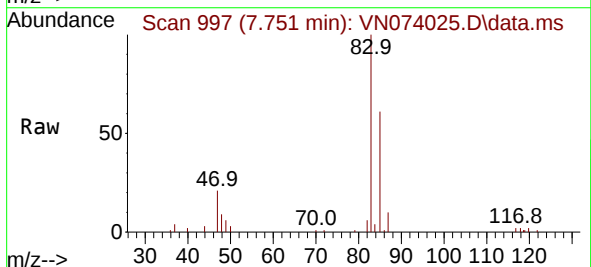
Instrument :
MSVOA_N
ClientSampleId :
U-3

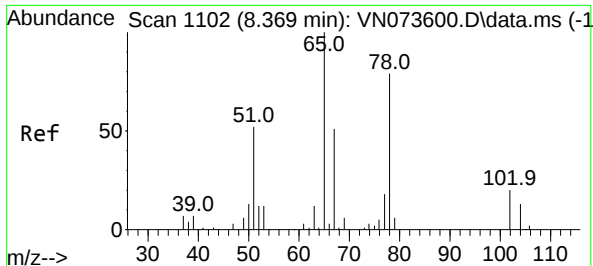
Tgt Ion:128 Resp: 67304
Ion Ratio Lower Upper
128 100
49 128.9 0.0 392.3
130 127.9 0.0 320.2



#25
Chloroform
Concen: 5.087 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

Tgt Ion: 83 Resp: 47374
Ion Ratio Lower Upper
83 100
85 60.8 51.3 76.9

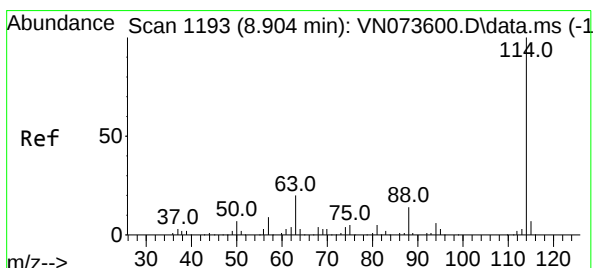
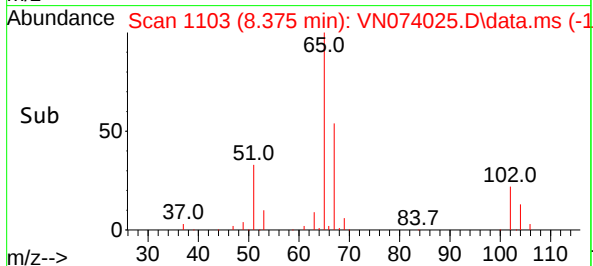
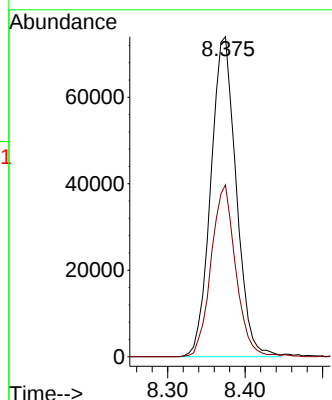
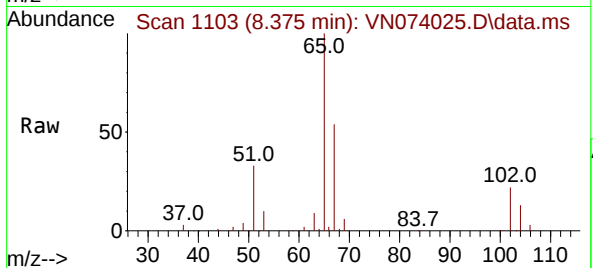




#27
1,2-Dichloroethane-d4
Concen: 28.948 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

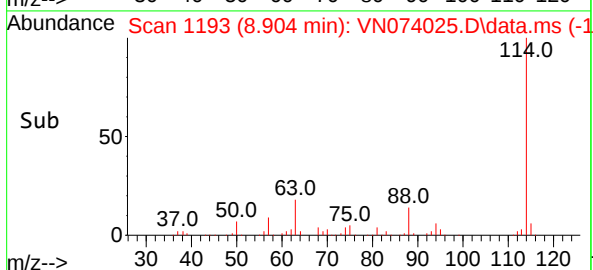
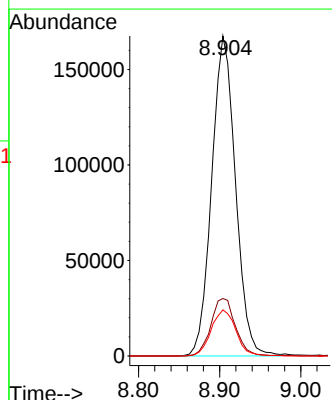
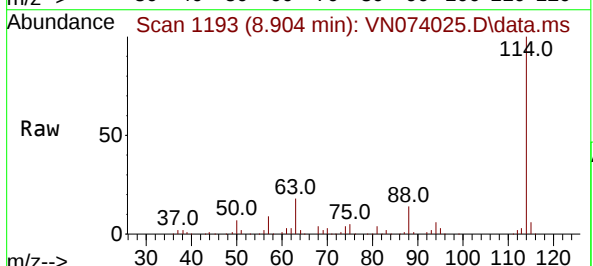
Instrument :
MSVOA_N
ClientSampleId :
U-3

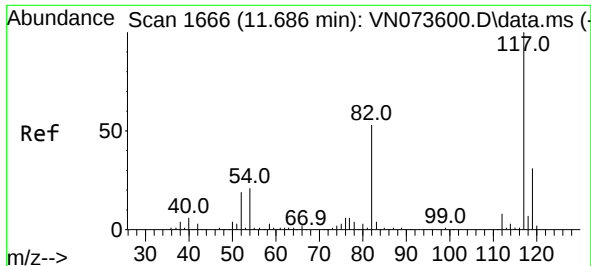
Tgt Ion: 65 Resp: 168453
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

Tgt Ion: 114 Resp: 341691
Ion Ratio Lower Upper
114 100
63 18.4 15.8 23.6
88 14.9 11.6 17.4

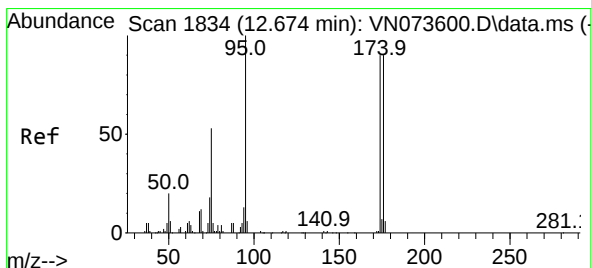
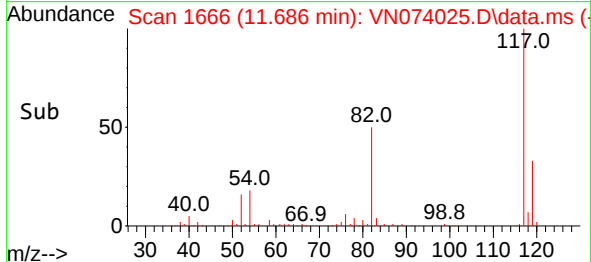
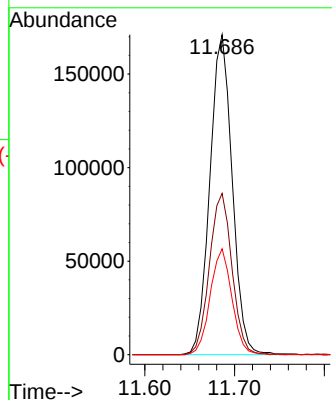
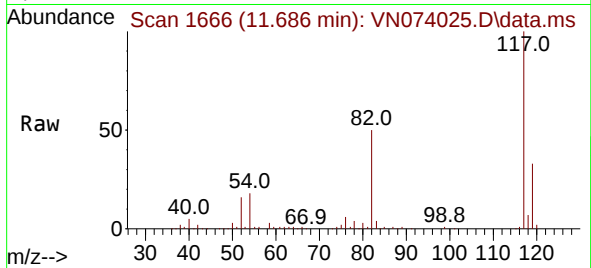




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

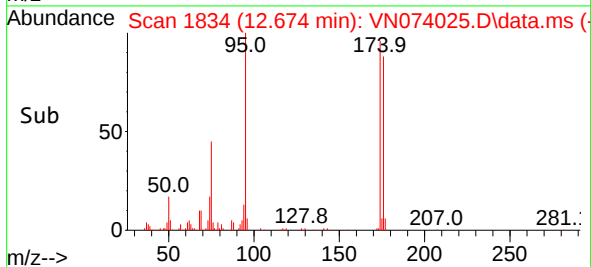
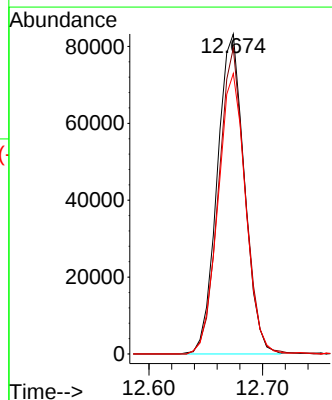
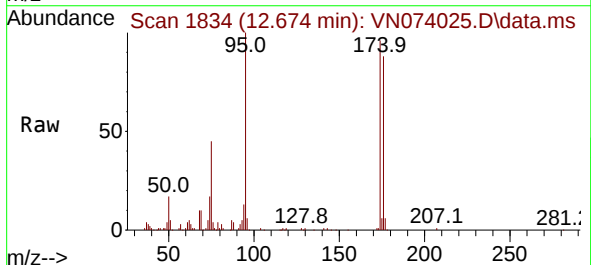
Instrument :
MSVOA_N
ClientSampleId :
U-3

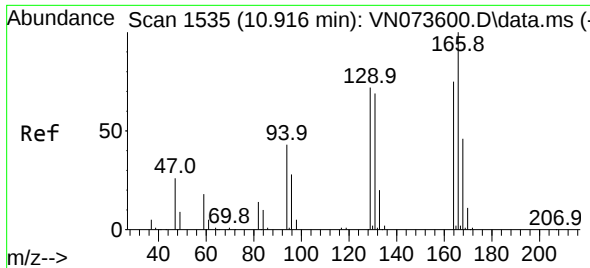
Tgt Ion:117 Resp: 295717
Ion Ratio Lower Upper
117 100
82 51.0 43.6 65.4
119 32.1 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.412 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

Tgt Ion: 95 Resp: 138294
Ion Ratio Lower Upper
95 100
174 93.1 62.9 94.3
176 88.9 61.0 91.4

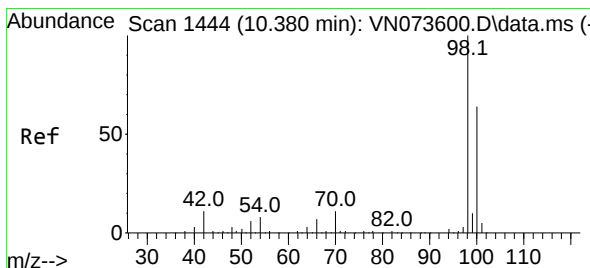
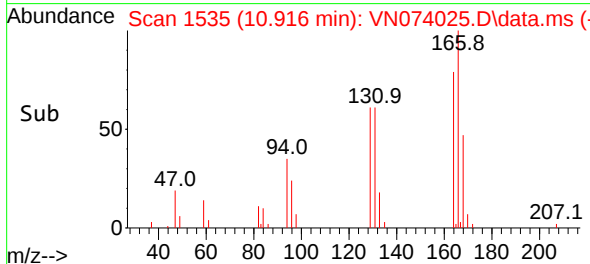
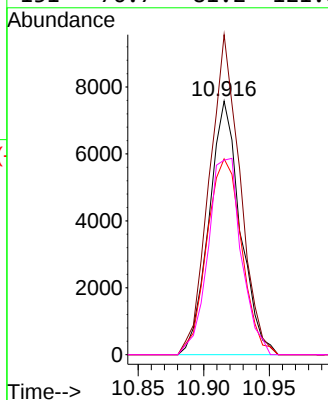
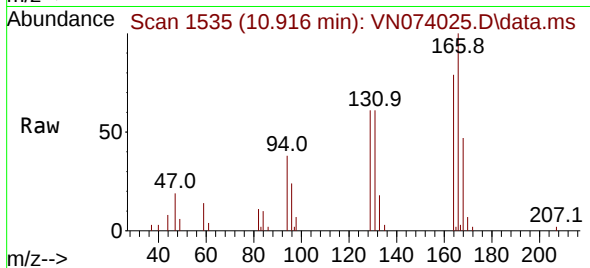




#61
Tetrachloroethene
Concen: 2.781 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
U-3

Tgt Ion:164 Resp: 12595
Ion Ratio Lower Upper
164 100
166 126.2 105.8 158.8
129 77.2 82.5 123.7#
131 76.7 81.2 121.8#



#63
Toluene-d8
Concen: 28.905 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074025.D
Acq: 19 Aug 2022 14:35

Tgt Ion: 98 Resp: 481300
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

