

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066426.D
 Acq On : 30 Mar 2021 17:42
 Operator : JC/MD
 Sample : M1869-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-029-IDWGW-20210329

Quant Time: Mar 31 02:55:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

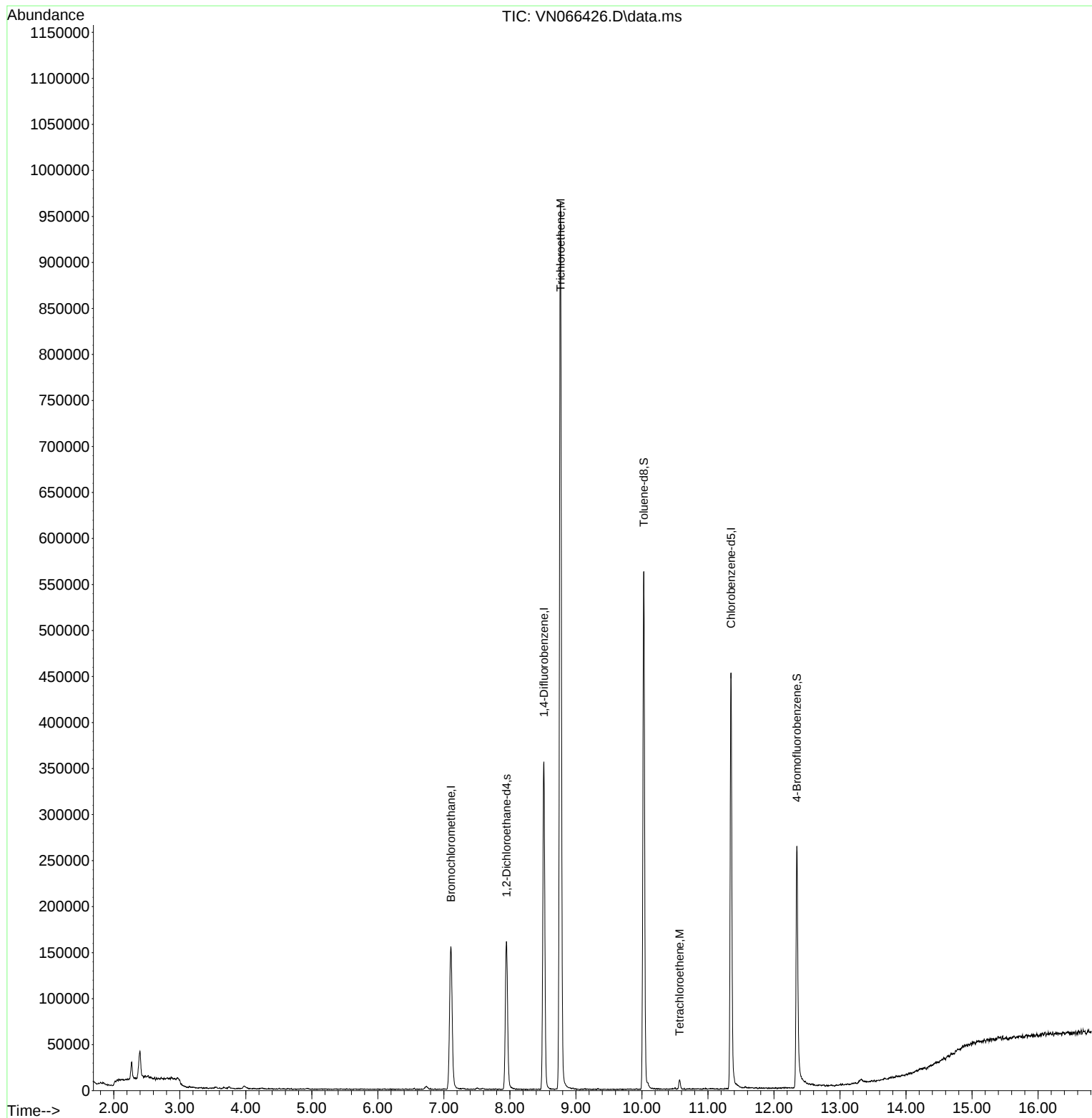
Internal Standards						
1) Bromochloromethane	7.107	128	62313	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.515	114	317847	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	276216	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	140435	29.32	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.73%
60) 4-Bromofluorobenzene	12.348	95	102850	23.86	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.53%
63) Toluene-d8	10.028	98	392767	30.30	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.00%
Target Compounds						
37) Trichloroethene	8.767	130	356859	94.45	ug/l	Qvalue 99
61) Tetrachloroethene	10.572	164	2327	0.61	ug/l #	81

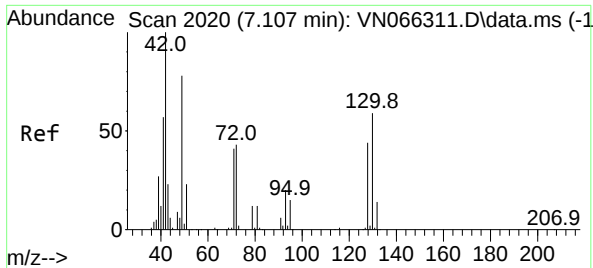
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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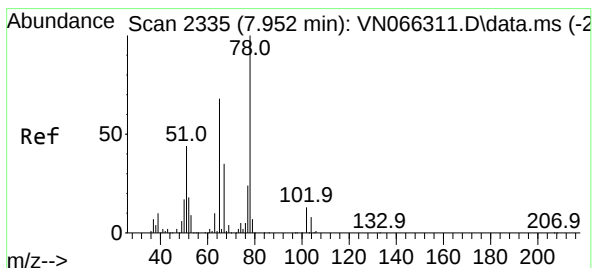
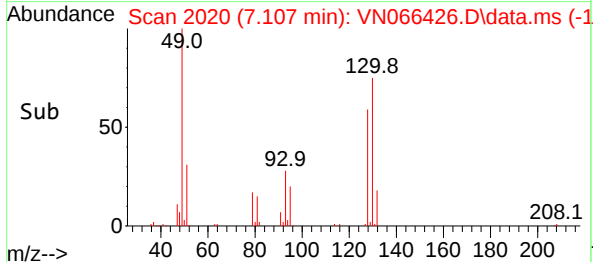
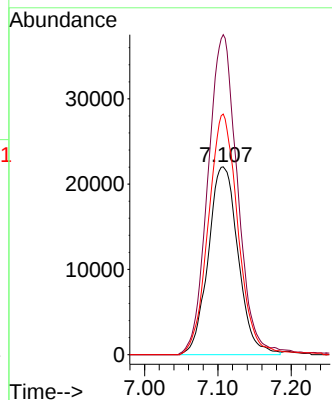
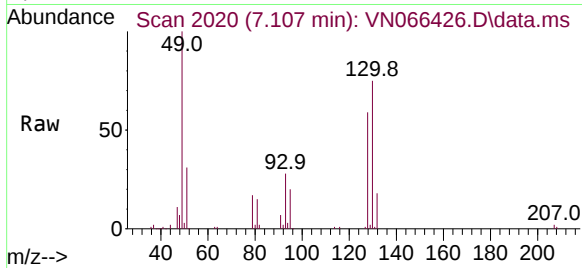




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

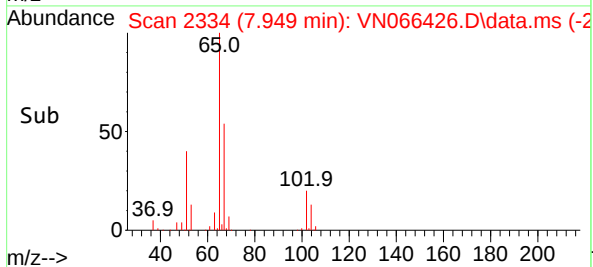
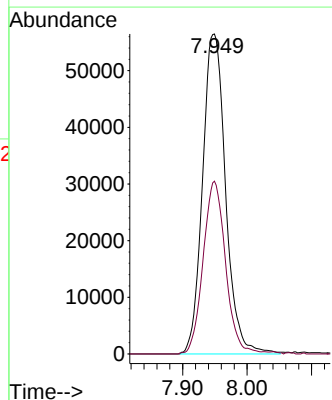
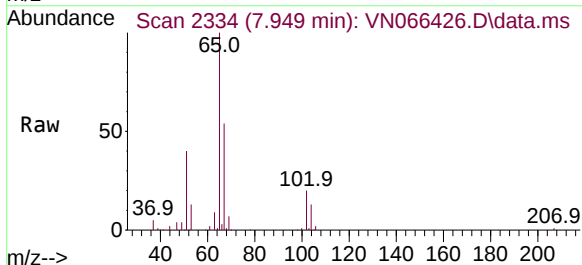
Instrument :
MSVOA_N
ClientSampleId :
TT-029-IDWGW-20210329

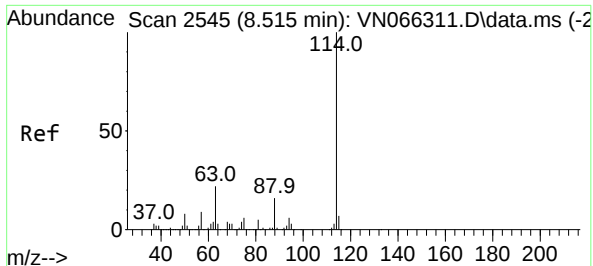
Tgt Ion:128 Resp: 62313
Ion Ratio Lower Upper
128 100
49 167.0 0.0 429.3
130 127.2 0.0 328.5



#27
1,2-Dichloroethane-d4
Concen: 29.32 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

Tgt Ion: 65 Resp: 140435
Ion Ratio Lower Upper
65 100
67 52.4 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.515 min Scan# 2545

Delta R.T. 0.000 min

Lab File: VN066426.D

Acq: 30 Mar 2021 17:42

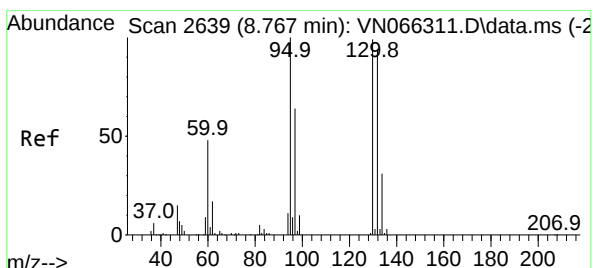
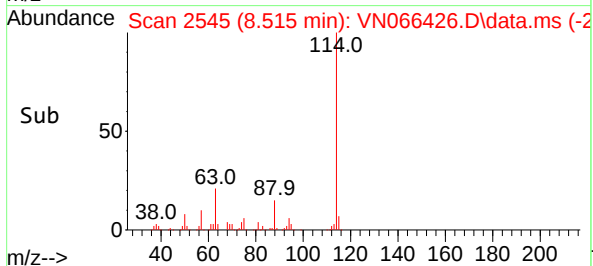
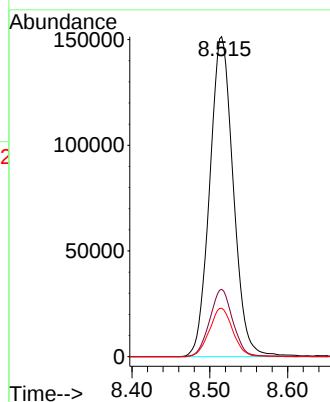
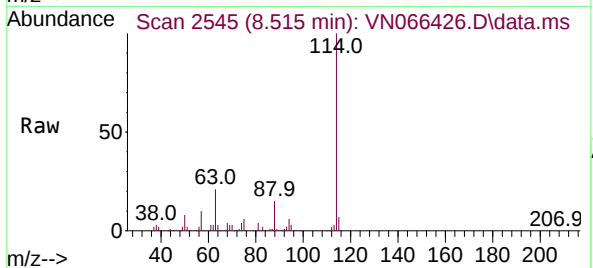
Tgt Ion:114 Resp: 317847

Ion Ratio Lower Upper

114 100

63 20.7 17.4 26.0

88 15.0 12.6 19.0



#37

Trichloroethene

Concen: 94.45 ug/l

RT: 8.767 min Scan# 2639

Delta R.T. 0.000 min

Lab File: VN066426.D

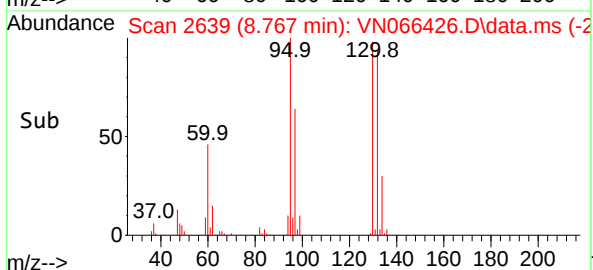
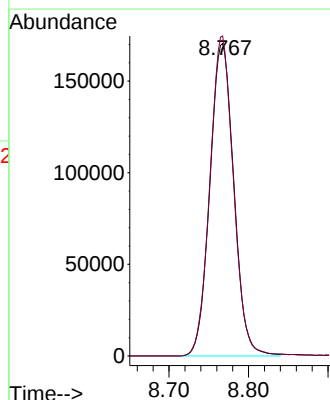
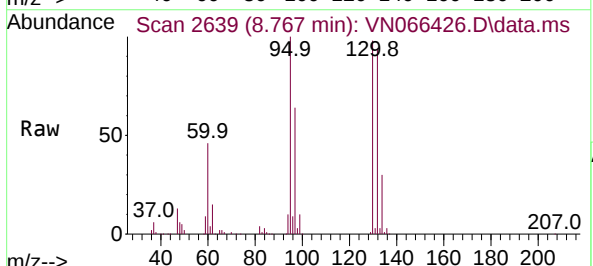
Acq: 30 Mar 2021 17:42

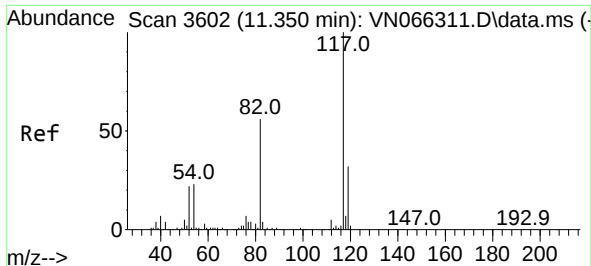
Tgt Ion:130 Resp: 356859

Ion Ratio Lower Upper

130 100

95 102.4 80.7 121.1

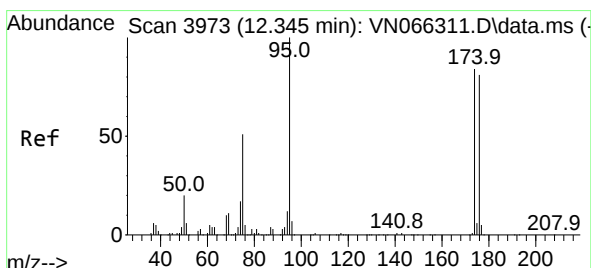
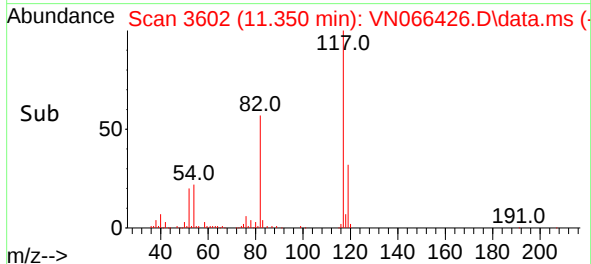
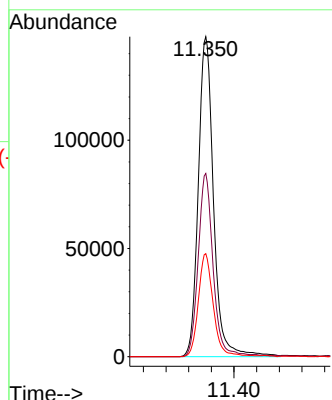
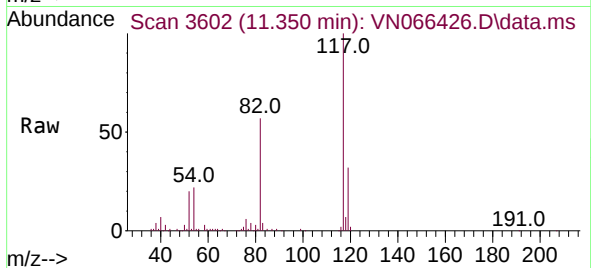




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

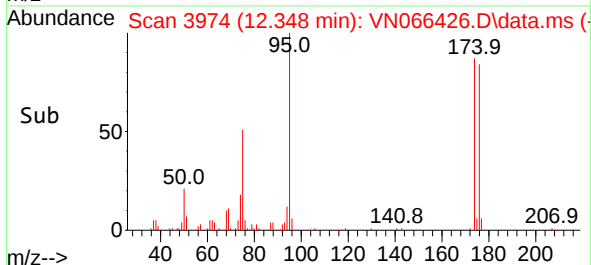
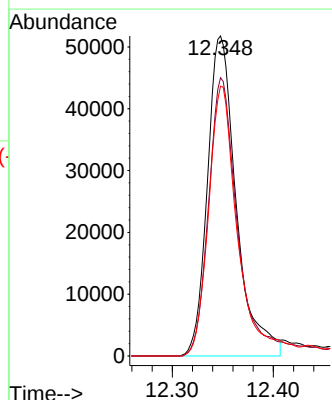
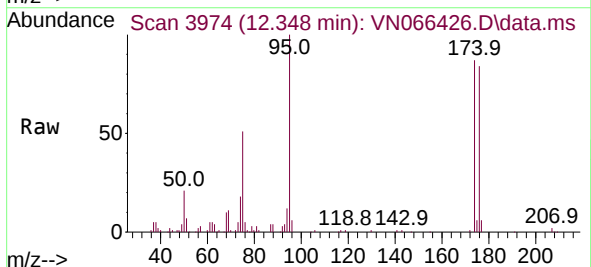
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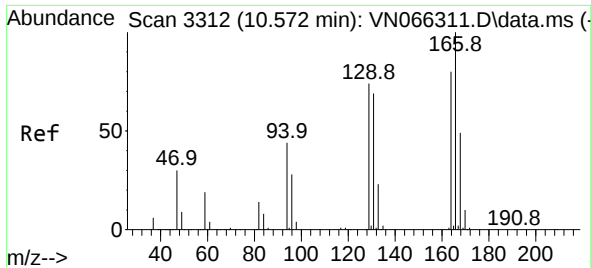
Tgt Ion:	117	Resp:	276216
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.6
119	31.3	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 23.86 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

Tgt Ion:	95	Resp:	102850
Ion	Ratio	Lower	Upper
95	100		
174	89.2	68.1	102.1
176	85.0	65.4	98.0

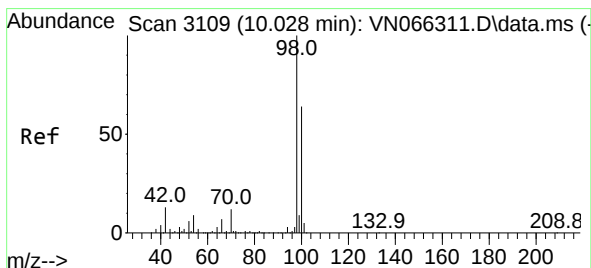
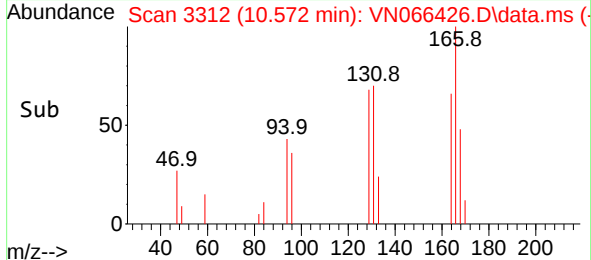
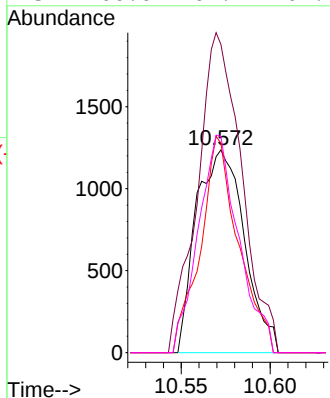
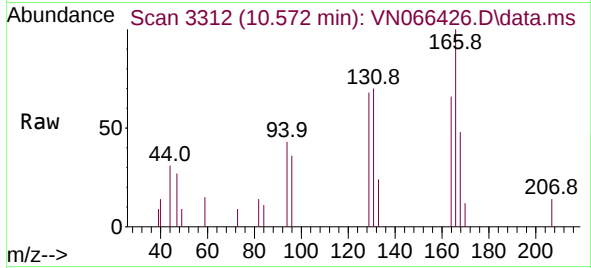




#61
Tetrachloroethene
Concen: 0.61 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

Instrument :
MSVOA_N
ClientSampleId :
TT-029-IDW/GW-20210329

Tgt Ion:164	Resp:	2327
Ion	Ratio	Lower Upper
164	100	
166	152.1	100.5 150.7#
129	103.3	74.7 112.1
131	106.6	69.4 104.2#



#63
Toluene-d8
Concen: 30.30 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066426.D
Acq: 30 Mar 2021 17:42

Tgt Ion: 98	Resp:	392767
Ion	Ratio	Lower Upper
98	100	
100	63.5	51.1 76.7

