

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020915.D
 Acq On : 25 Feb 2021 15:58
 Operator : JC/MD
 Sample : M1481-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-026-IDW/GW-20210223

Quant Time: Feb 25 16:26:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 25 13:26:35 2021
 Response via : Initial Calibration

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

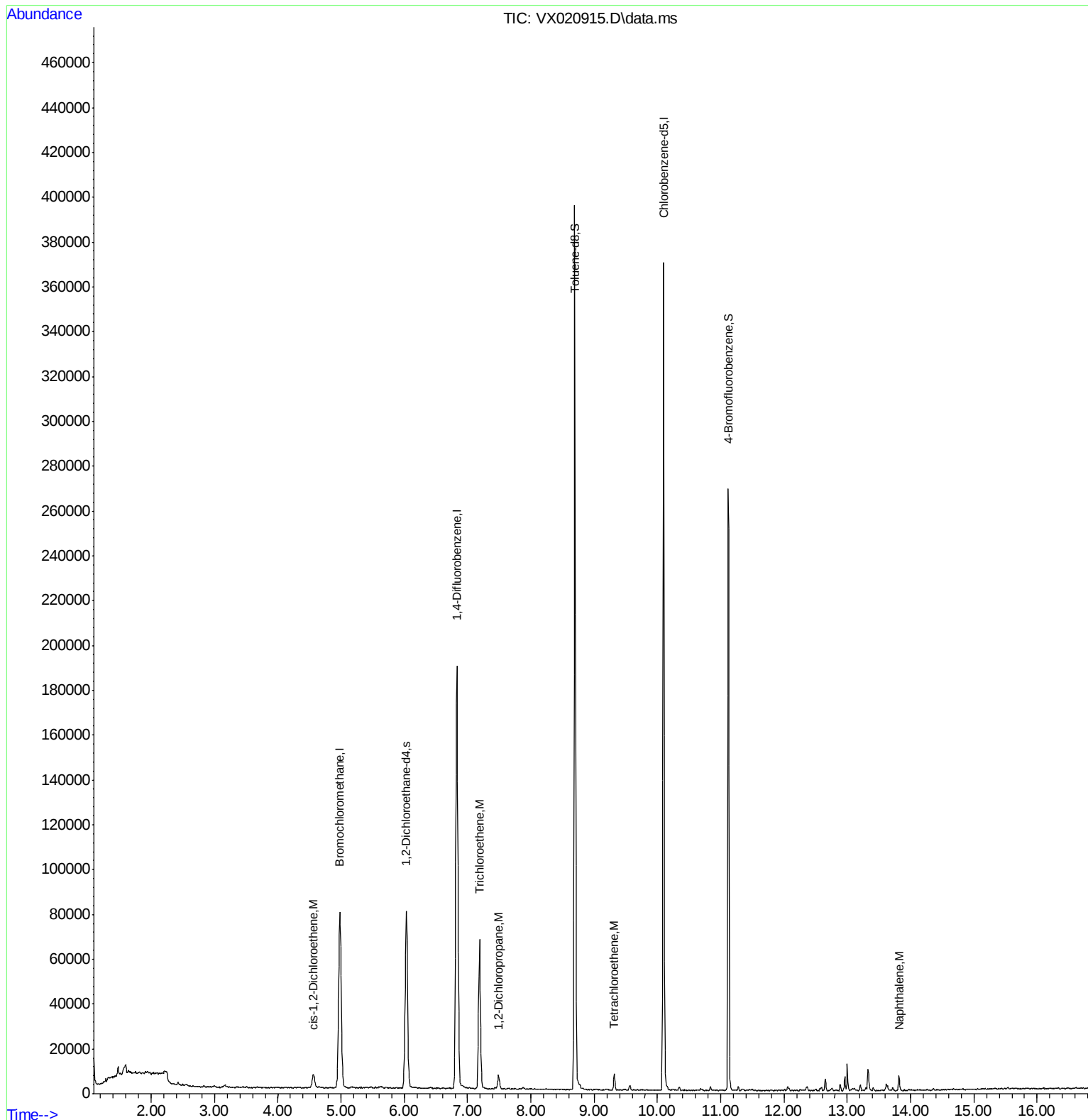
Internal Standards						
1) Bromochloromethane	4.982	128	35958	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	196554	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	171564	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	76842	30.35	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.17%	
60) 4-Bromofluorobenzene	11.118	95	79540	28.03	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	93.43%	
63) Toluene-d8	8.694	98	239998	30.72	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.40%	
Target Compounds						
						Qvalue
22) cis-1,2-Dichloroethene	4.558	96	4041	1.50	ug/l	90
37) Trichloroethene	7.188	130	25971	10.37	ug/l	98
39) 1,2-Dichloropropane	7.488	63	2552	1.11	ug/l	92
61) Tetrachloroethene	9.318	164	1522	0.72	ug/l	91
91) Naphthalene	13.818	128	4507	0.46	ug/l	99

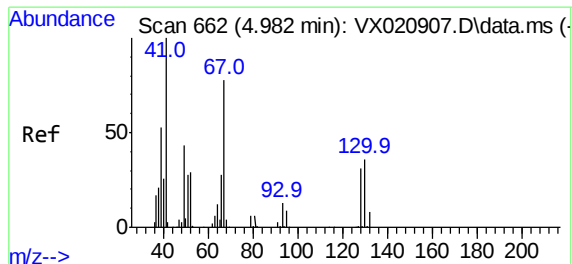
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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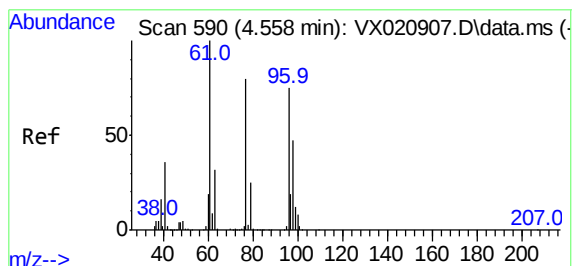
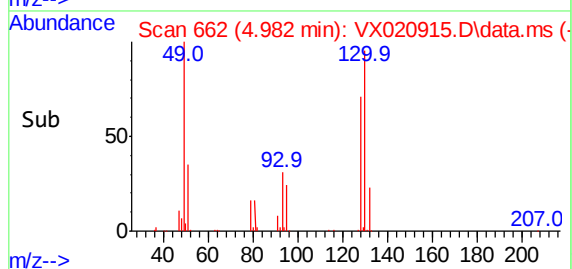
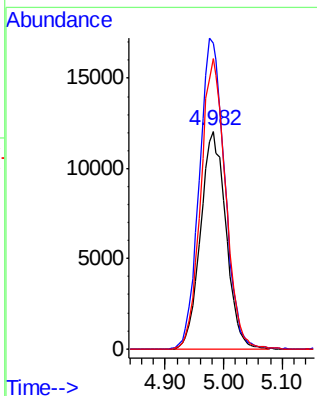
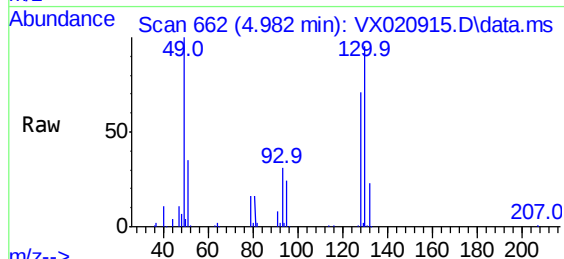




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. 0.006 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

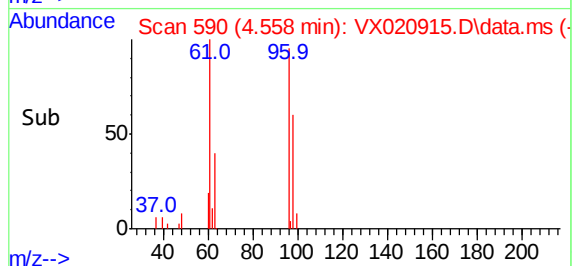
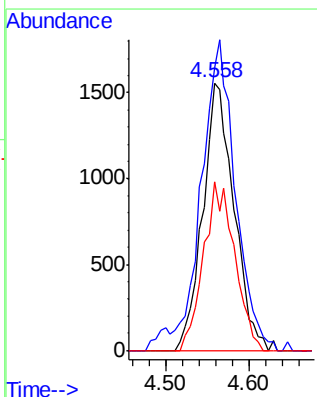
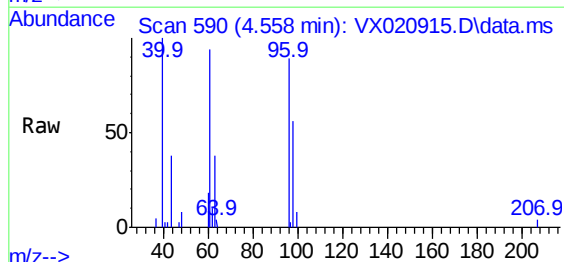
Instrument :
MSVOA_X
ClientSampleId :
TT-026-IDW/GW-20210223

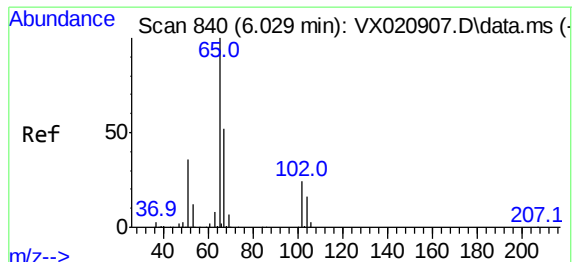
Tgt Ion:128 Resp: 35958
Ion Ratio Lower Upper
128 100
49 144.1 0.0 367.5
130 130.5 0.0 318.8



#22
cis-1,2-Dichloroethene
Concen: 1.50 ug/l
RT: 4.558 min Scan# 590
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Tgt Ion: 96 Resp: 4041
Ion Ratio Lower Upper
96 100
61 125.9 114.1 171.1
98 63.2 51.8 77.8

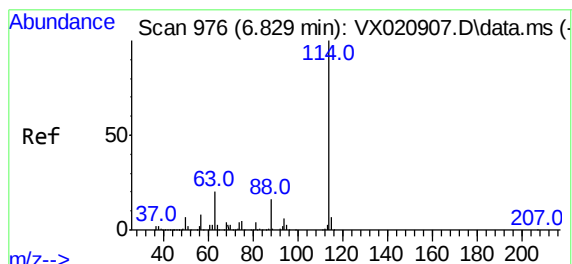
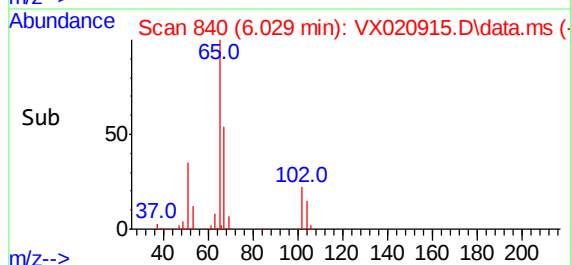
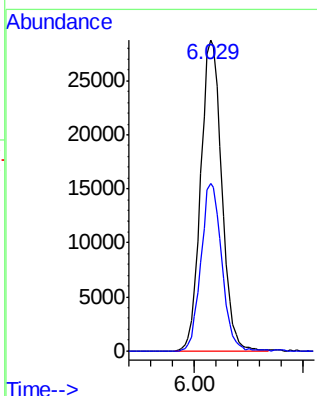
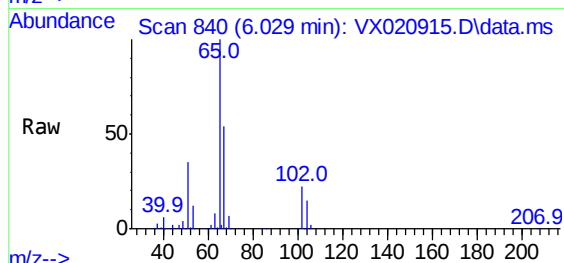




#27
1,2-Dichloroethane-d4
Concen: 30.35 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.006 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

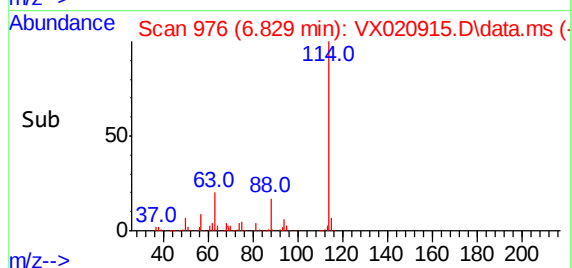
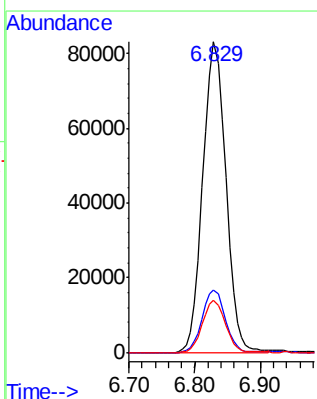
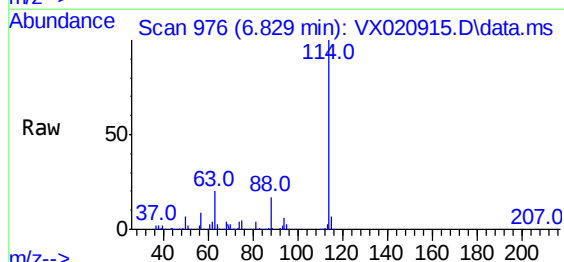
Instrument :
MSVOA_X
ClientSampleId :
TT-026-IDW/GW-20210223

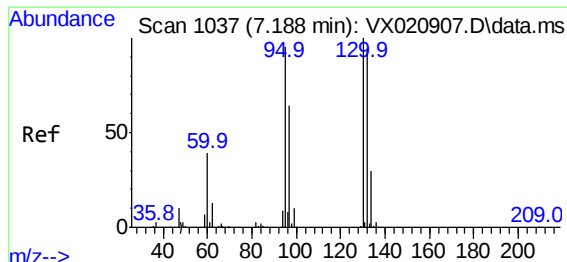
Tgt Ion: 65 Resp: 76842
Ion Ratio Lower Upper
65 100
67 53.1 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Tgt Ion:114 Resp: 196554
Ion Ratio Lower Upper
114 100
63 20.0 16.2 24.2
88 16.5 13.0 19.6

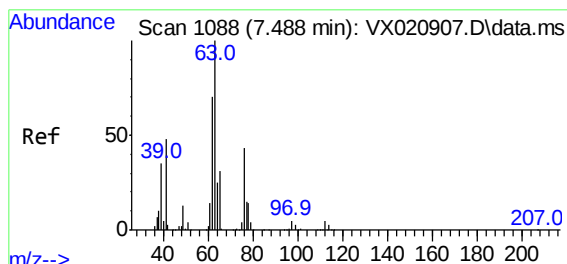
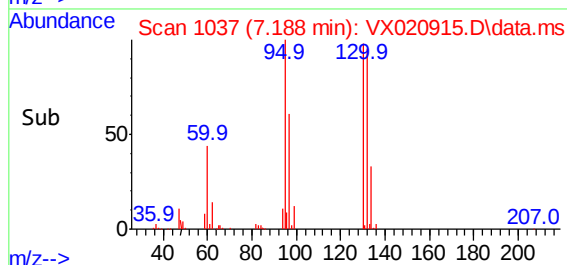
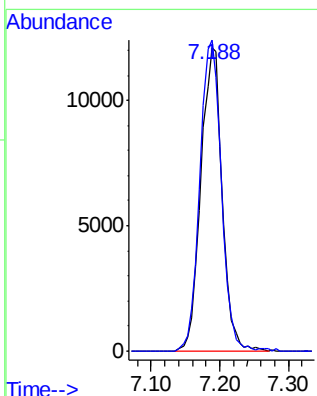
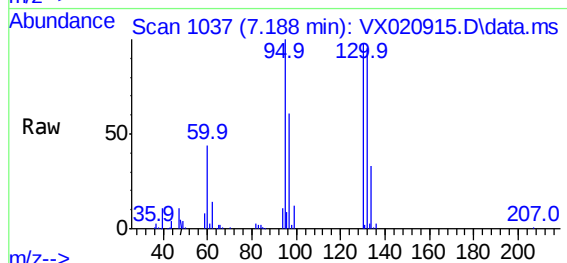




#37
Trichloroethene
Concen: 10.37 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

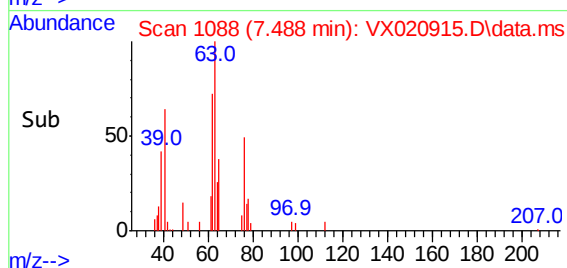
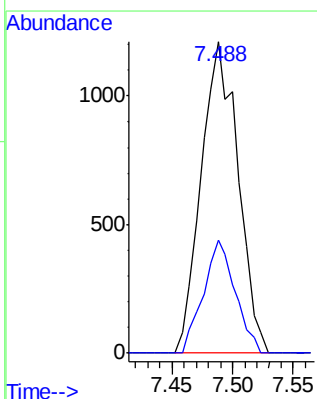
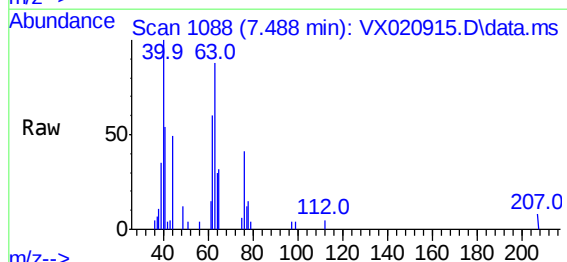
Instrument :
MSVOA_X
ClientSampleId :
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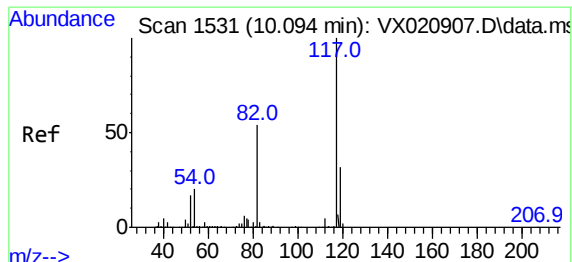
Tgt Ion:130 Resp: 25971
Ion Ratio Lower Upper
130 100
95 102.5 80.2 120.4



#39
1,2-Dichloropropane
Concen: 1.11 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Tgt Ion: 63 Resp: 2552
Ion Ratio Lower Upper
63 100
65 36.3 25.6 38.4

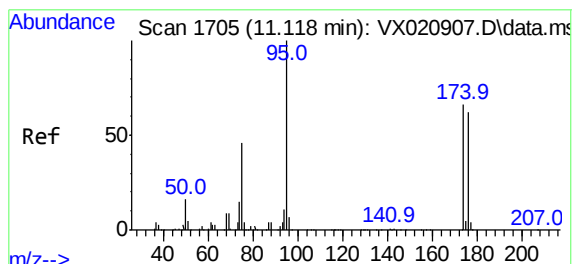
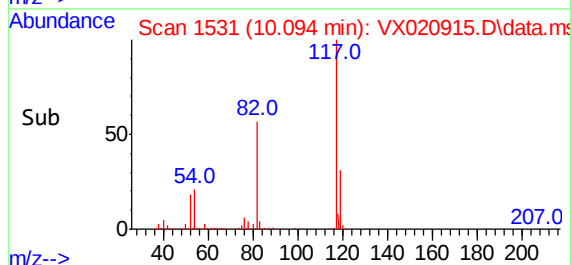
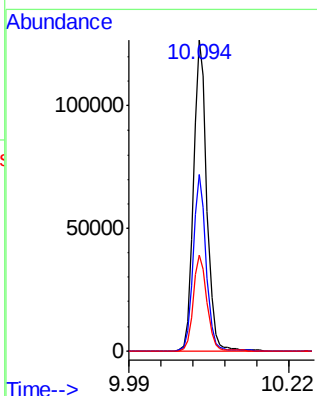
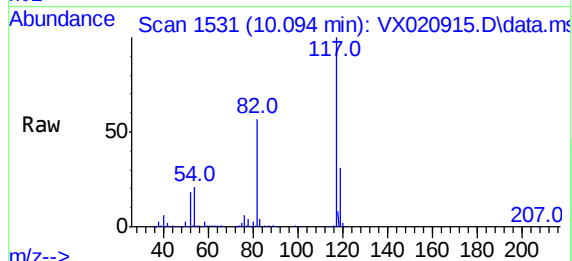




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

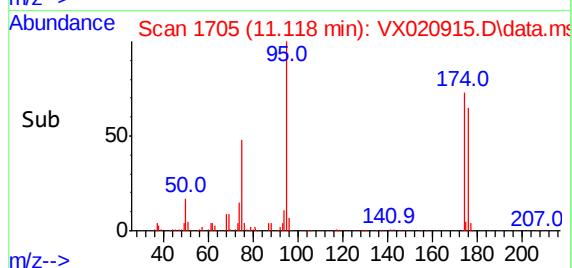
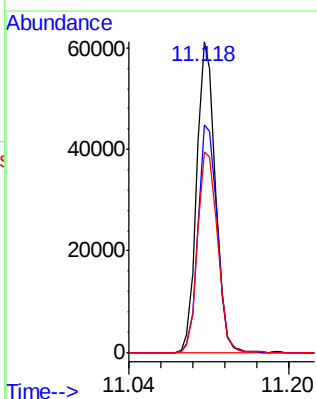
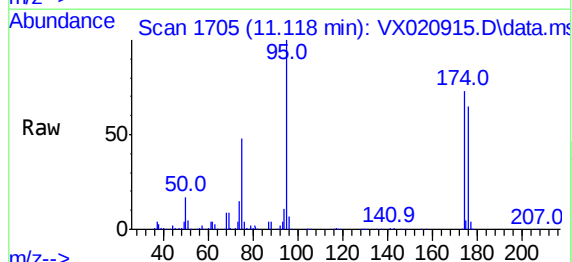
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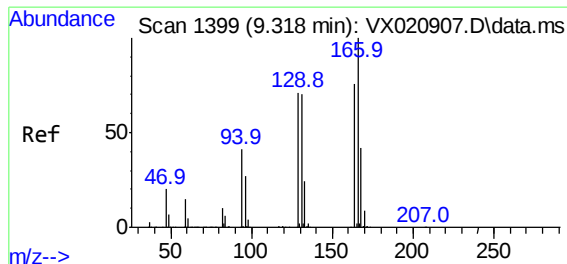
Tgt Ion:117 Resp: 171564
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 31.5 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 28.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Tgt Ion: 95 Resp: 79540
Ion Ratio Lower Upper
95 100
174 75.5 63.0 94.4
176 68.5 59.9 89.9



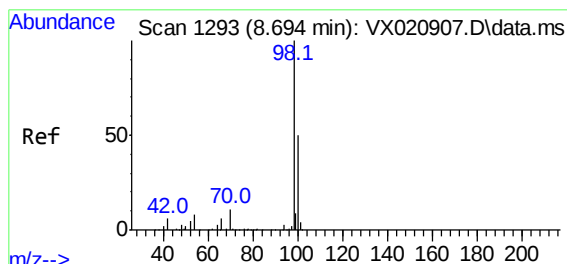
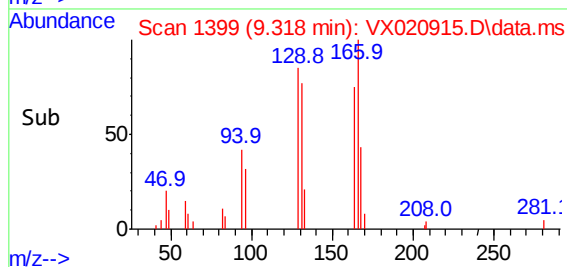
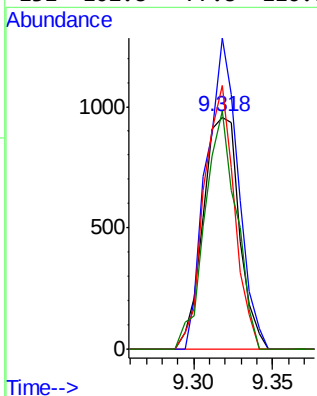
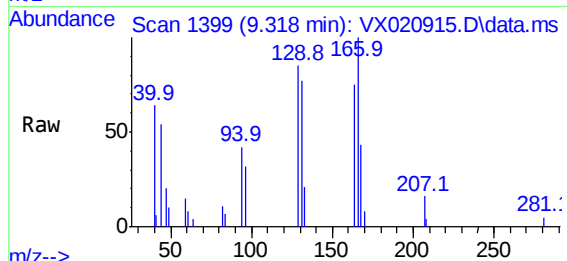


#61
Tetrachloroethene
Concen: 0.72 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 1522

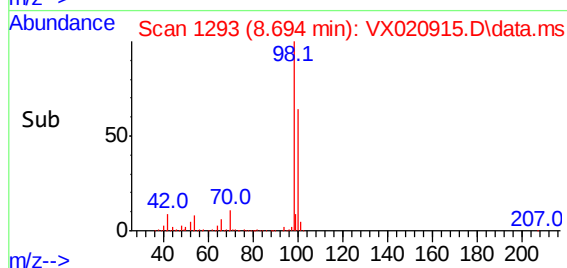
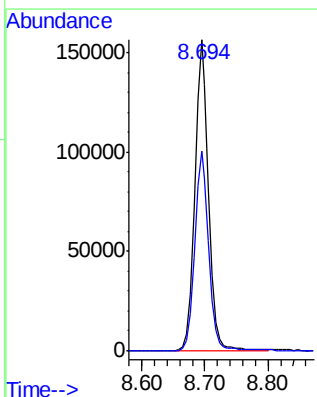
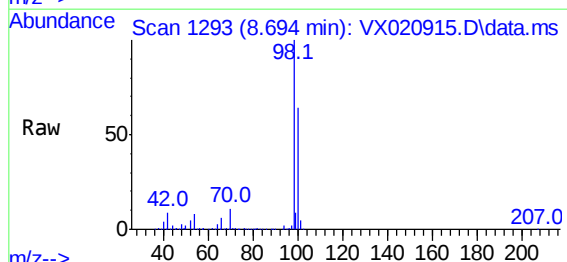
Ion	Ratio	Lower	Upper
164	100		
166	134.2	102.8	154.2
129	113.6	75.8	113.8
131	102.8	77.8	116.6

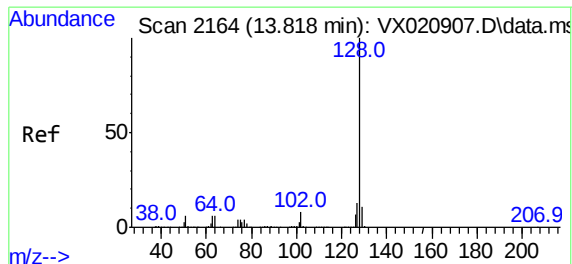


#63
Toluene-d8
Concen: 30.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020915.D
Acq: 25 Feb 2021 15:58

Tgt Ion: 98 Resp: 239998

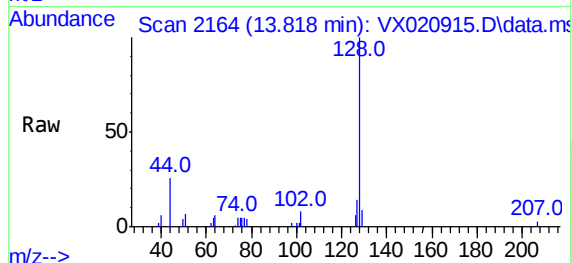
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4





#91
Naphthalene
Concen: 0.46 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 4507

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	10.9	8.8	13.2

