

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074643.D
 Acq On : 28 Sep 2022 12:32
 Operator : JC\MD
 Sample : VN0928WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL01

Quant Time: Sep 28 18:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

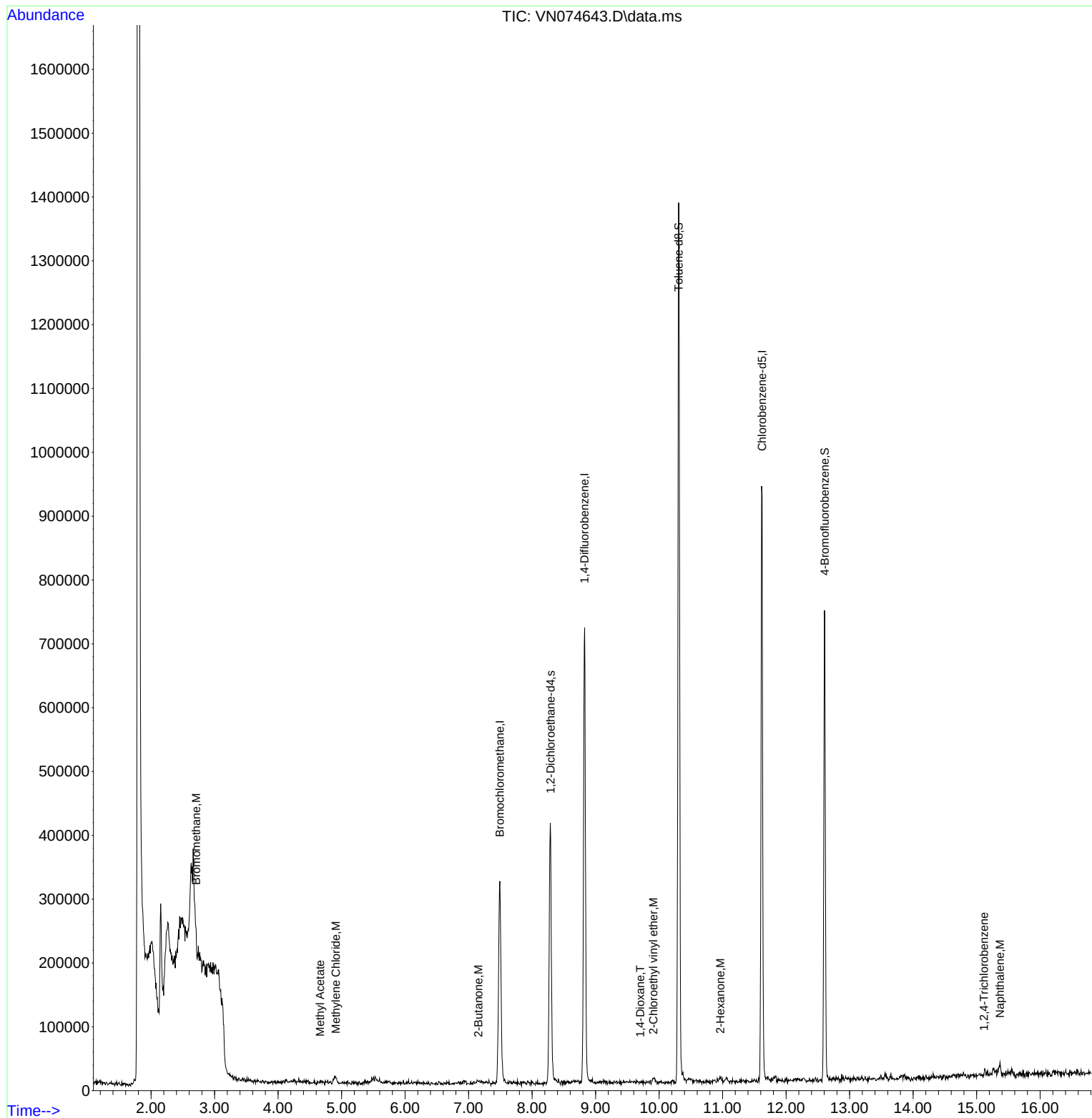
Internal Standards						
1) Bromochloromethane	7.492	128	105109	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	633945	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	505669	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	307422	31.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.400%
60) 4-Bromofluorobenzene	12.610	95	232697	23.690	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.967%
63) Toluene-d8	10.310	98	921921	32.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.733%
Target Compounds						
					Qvalue	
5) Bromomethane	2.710	94	1527	0.204	ug/l	90
12) Methyl Acetate	4.663	43	3537	0.232	ug/l	93
18) Methylene Chloride	4.910	84	3755	0.413	ug/l #	62
30) 2-Butanone	7.157	43	2675	0.296	ug/l #	68
45) 1,4-Dioxane	9.704	88	195	0.804	ug/l #	1
55) 2-Chloroethyl vinyl ether	9.910	63	3629	0.512	ug/l #	80
59) 2-Hexanone	10.963	43	5501	0.453	ug/l #	89
89) 1,2,4-Trichlorobenzene	15.115	180	2554	0.354	ug/l #	85
91) Naphthalene	15.368	128	17346	0.572	ug/l #	77

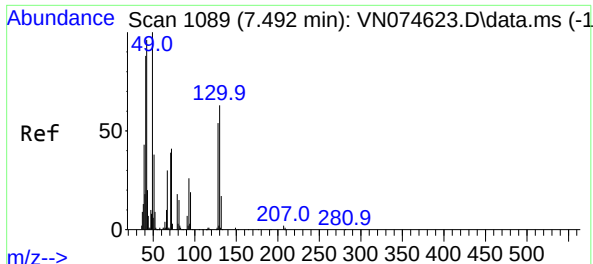
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Sep 28 18:17:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
Response via : Initial Calibration

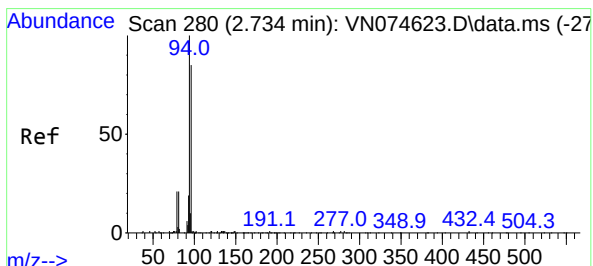
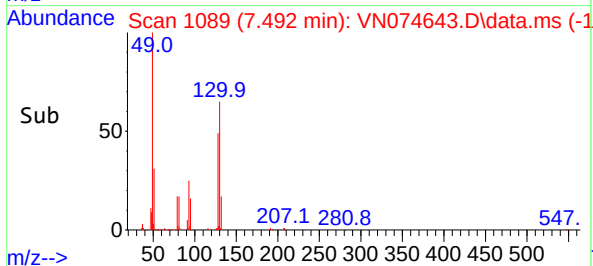
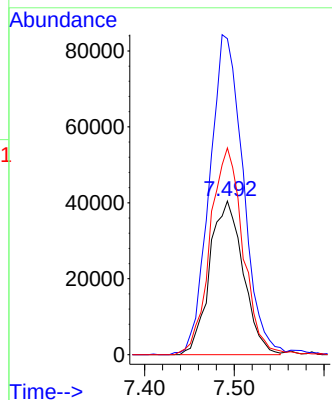
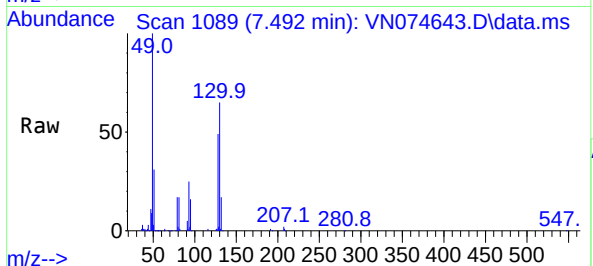




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

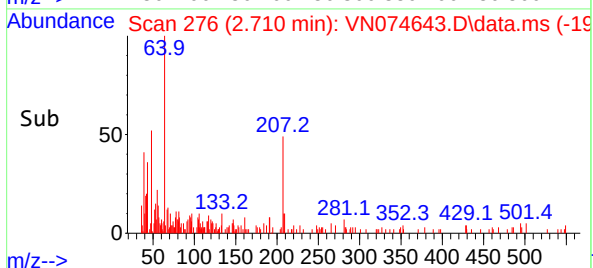
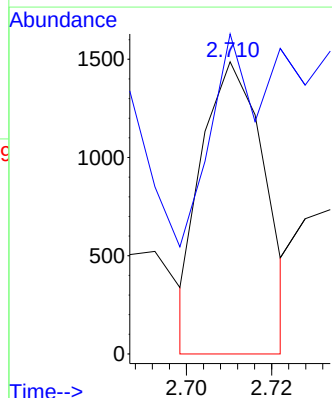
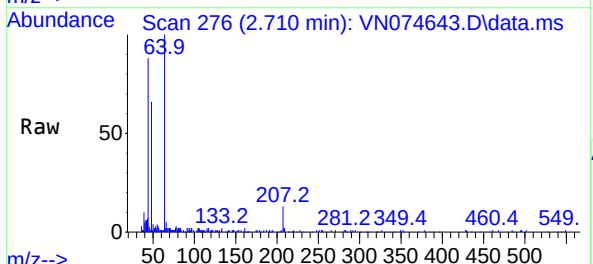
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

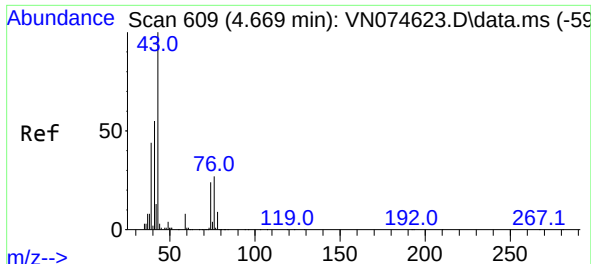
Tgt Ion:128 Resp: 105109
Ion Ratio Lower Upper
128 100
49 208.2 0.0 492.0
130 131.9 0.0 313.3



#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.710 min Scan# 276
Delta R.T. -0.024 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 94 Resp: 1527
Ion Ratio Lower Upper
94 100
96 94.3 68.3 102.5

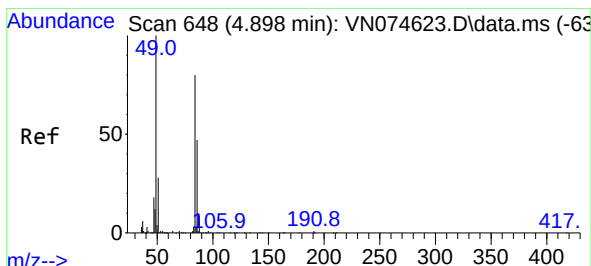
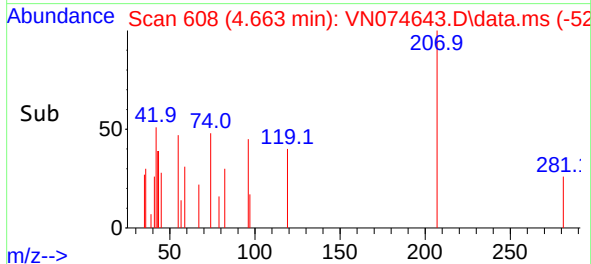
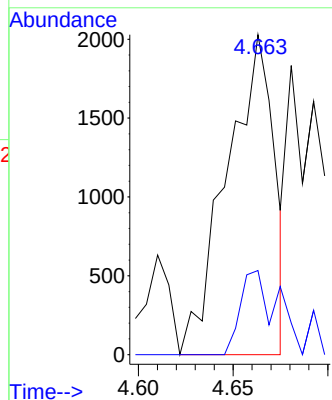
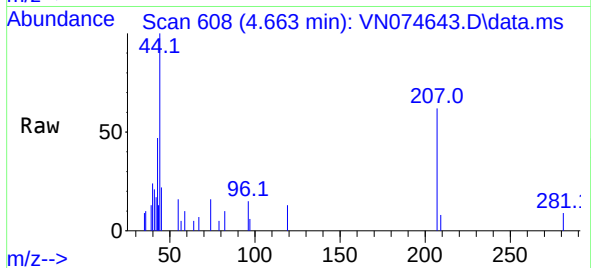




#12
Methyl Acetate
Concen: 0.232 ug/l
RT: 4.663 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

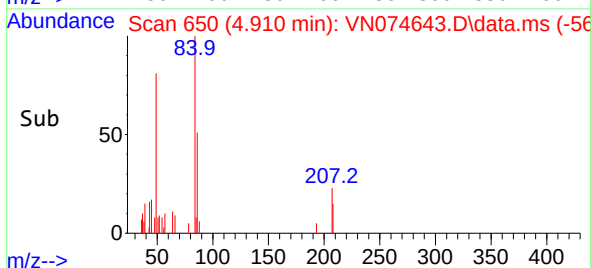
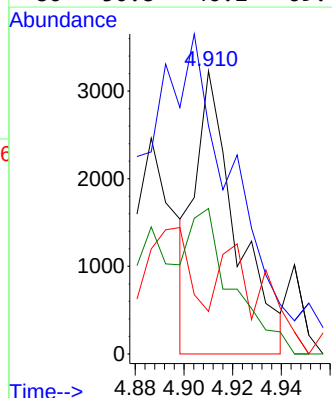
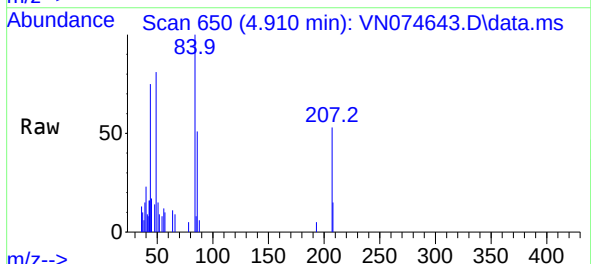
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

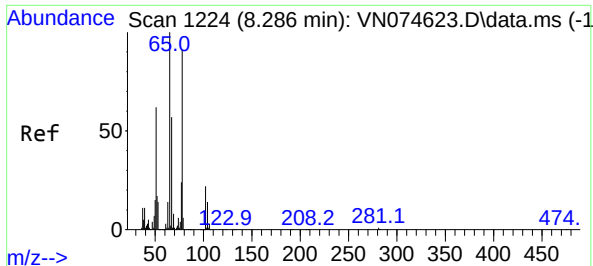
Tgt Ion: 43 Resp: 3537
Ion Ratio Lower Upper
43 100
74 20.2 19.0 28.6



#18
Methylene Chloride
Concen: 0.413 ug/l
RT: 4.910 min Scan# 650
Delta R.T. 0.012 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 84 Resp: 3755
Ion Ratio Lower Upper
84 100
49 73.5 99.6 149.4#
51 0.0 28.2 42.2#
86 50.8 46.2 69.4

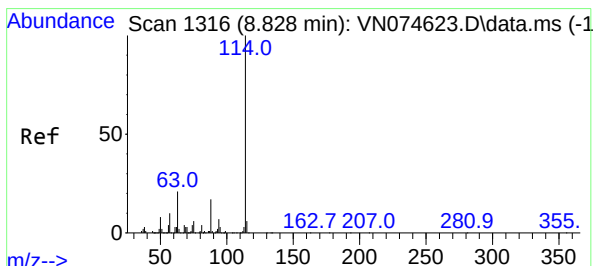
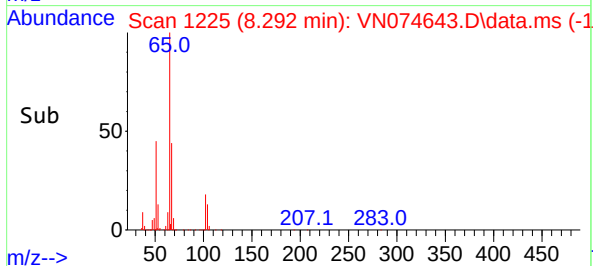
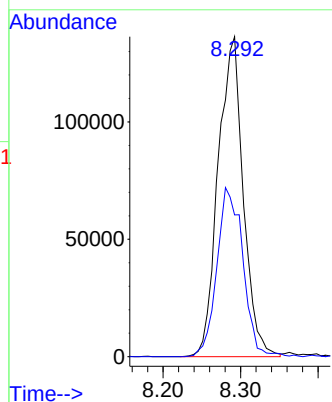
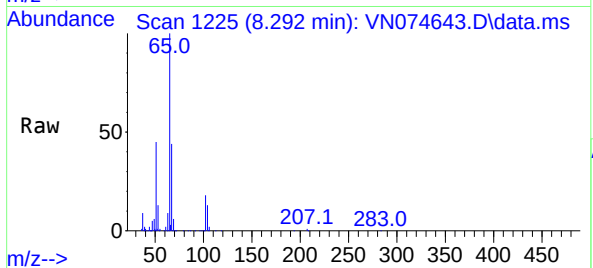




#27
1,2-Dichloroethane-d4
Concen: 31.019 ug/l
RT: 8.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

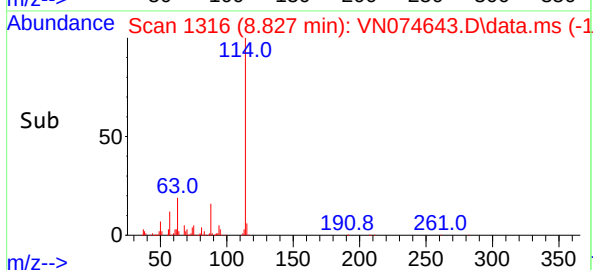
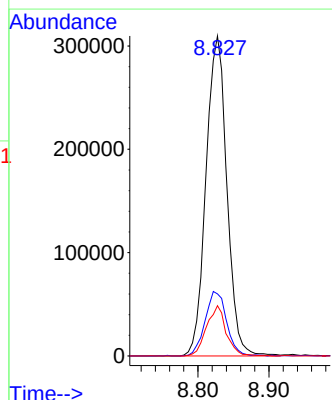
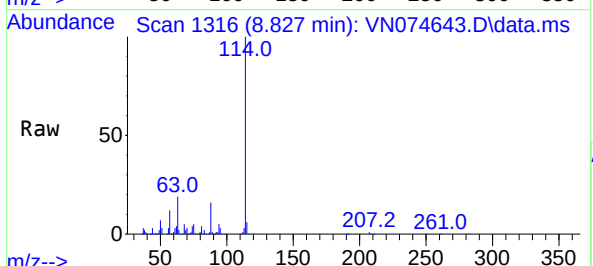
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

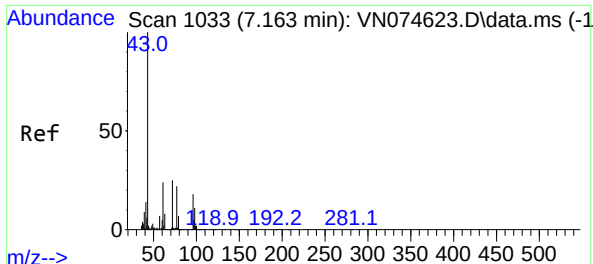
Tgt Ion: 65 Resp: 307422
Ion Ratio Lower Upper
65 100
67 54.2 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 114 Resp: 633945
Ion Ratio Lower Upper
114 100
63 20.7 16.6 25.0
88 14.7 12.2 18.4

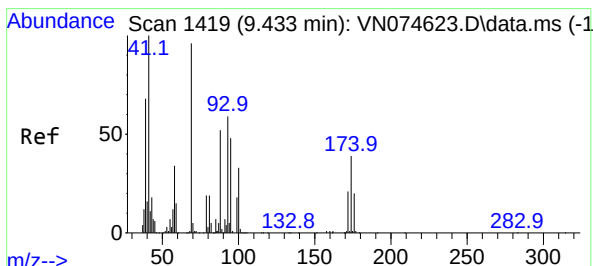
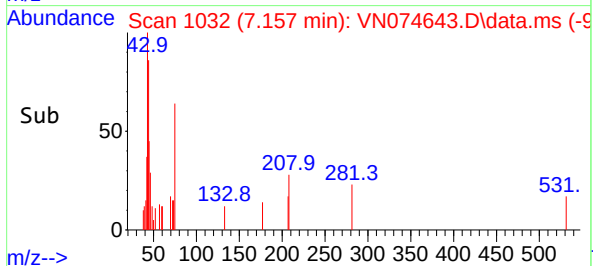
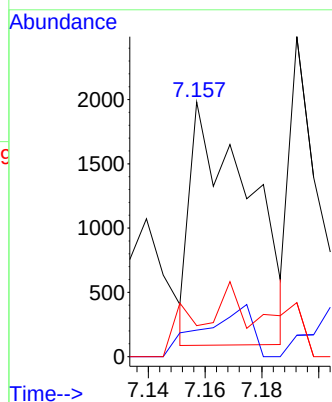
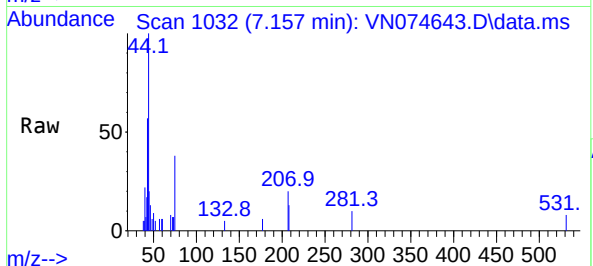




#30
2-Butanone
Concen: 0.296 ug/l
RT: 7.157 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

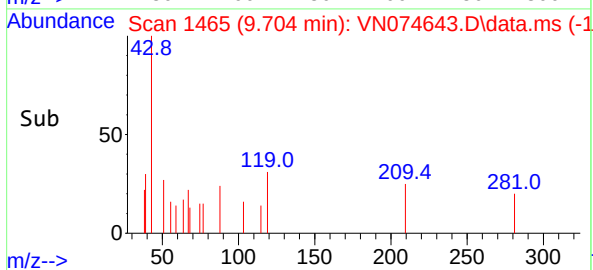
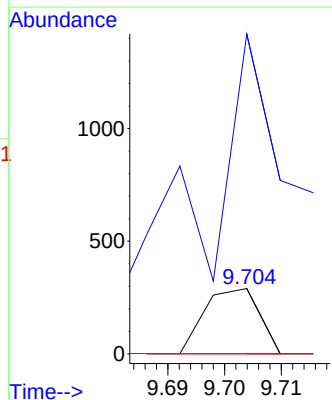
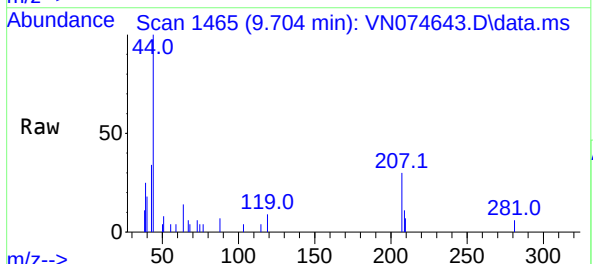
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

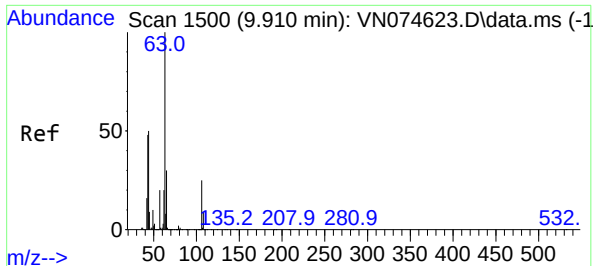
Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
57 0.0 6.3 9.5#
72 8.7 21.0 31.4#



#45
1,4-Dioxane
Concen: 0.804 ug/l
RT: 9.704 min Scan# 1465
Delta R.T. 0.270 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 88 Resp: 195
Ion Ratio Lower Upper
88 100
43 350.3 25.7 38.5#
58 0.0 53.4 80.2#

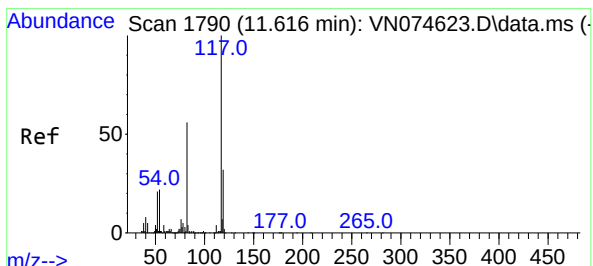
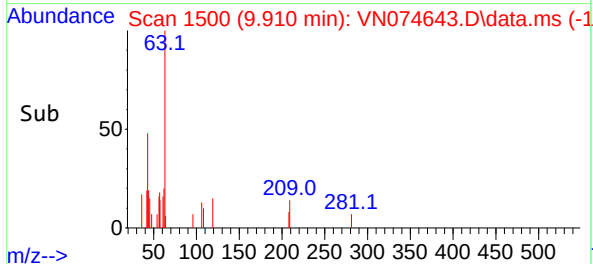
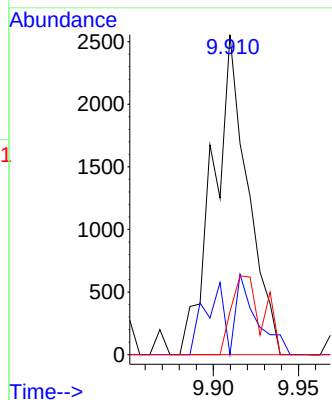
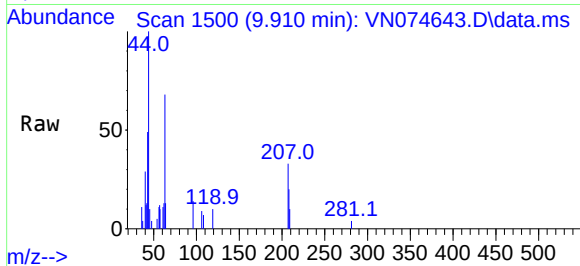




#55
2-Chloroethyl vinyl ether
Concen: 0.512 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

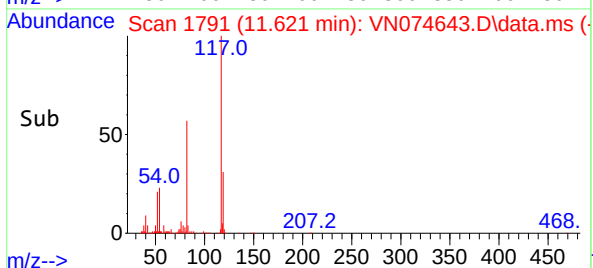
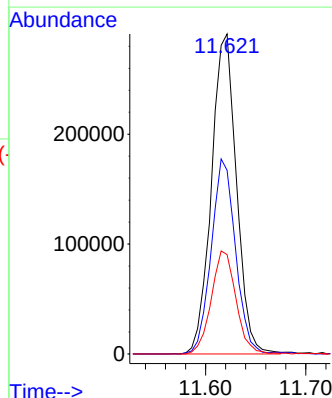
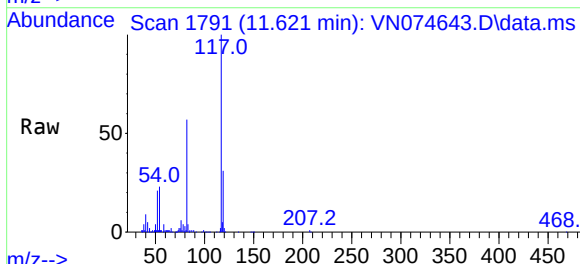
Instrument :
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VN0928WBL01

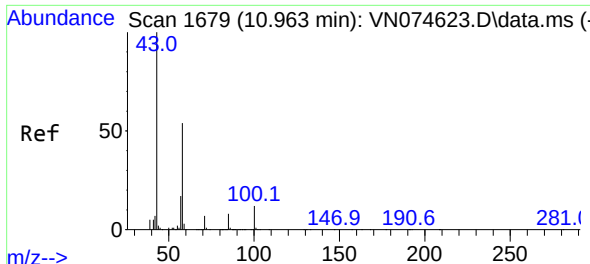
Tgt Ion: 63	Resp:	3629	
Ion Ratio	Lower	Upper	
63 100			
65 15.0	24.6	36.8#	
106 21.9	21.3	31.9	



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion:117	Resp:	505669	
Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.6	67.0
119	31.7	25.6	38.4

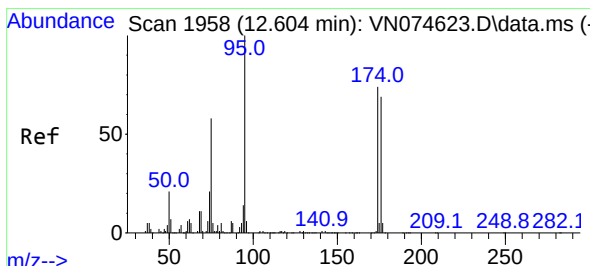
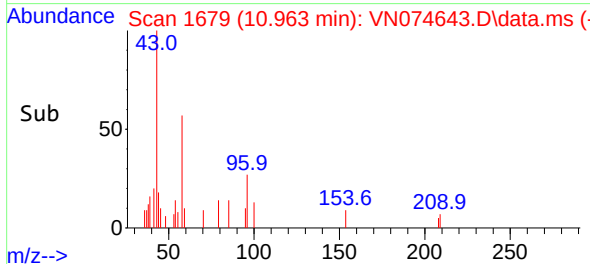
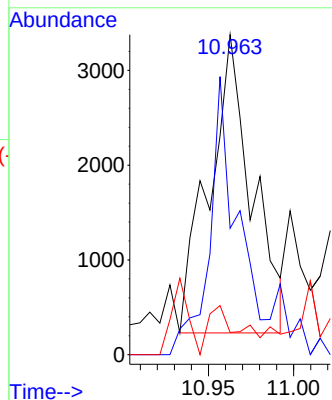
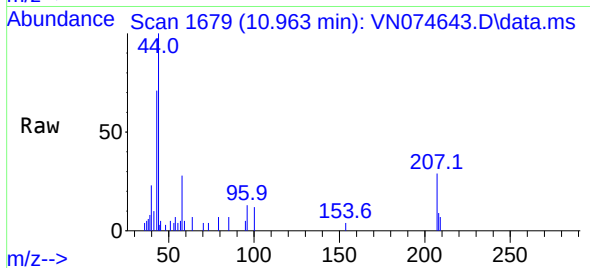




#59
2-Hexanone
Concen: 0.453 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

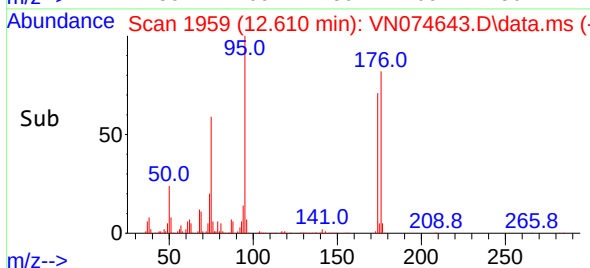
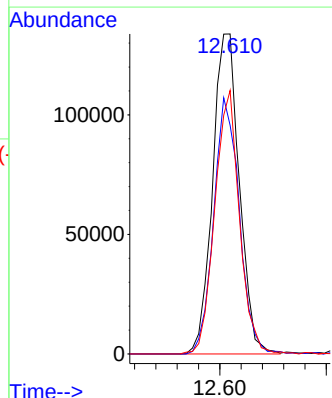
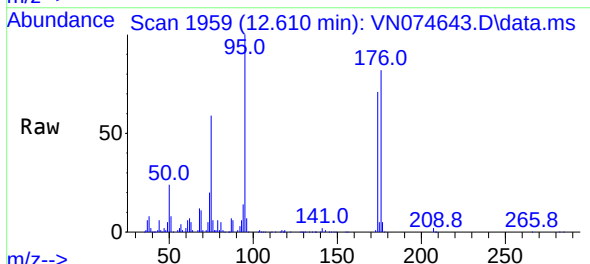
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VN0928WBL01

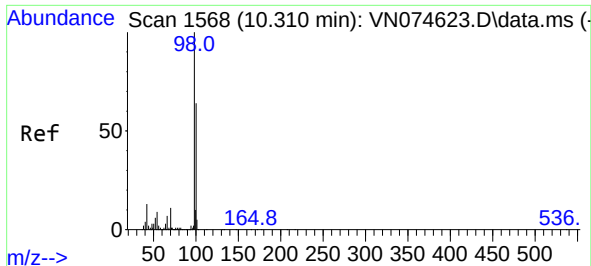
Tgt Ion: 43 Resp: 5501
Ion Ratio Lower Upper
43 100
58 59.5 43.6 65.4
57 7.6 14.3 21.5#



#60
4-Bromofluorobenzene
Concen: 23.690 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 95 Resp: 232697
Ion Ratio Lower Upper
95 100
174 76.5 57.8 86.8
176 75.9 57.0 85.4

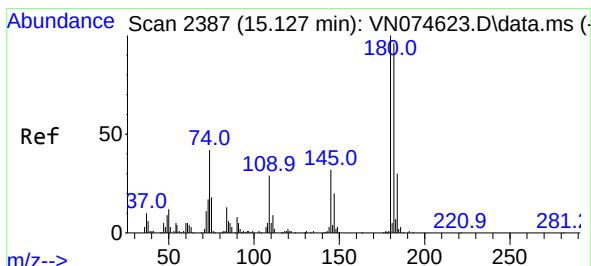
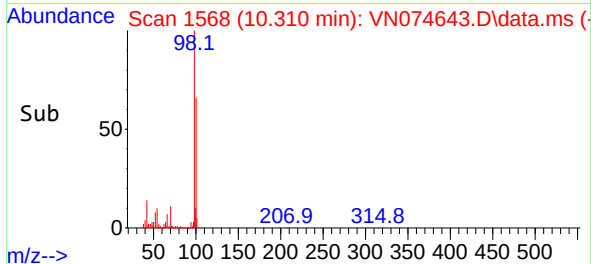
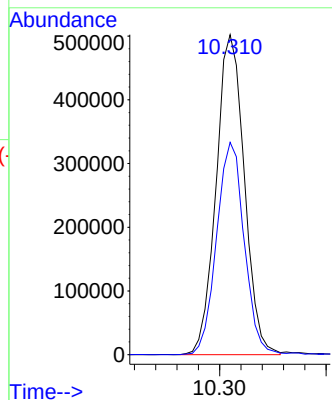
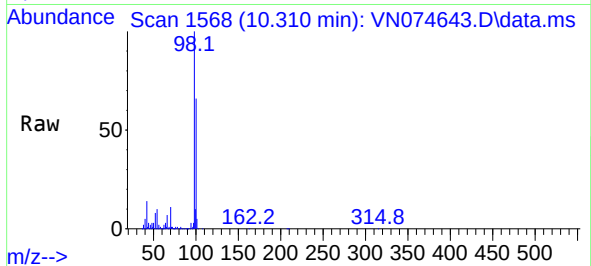




#63
Toluene-d8
Concen: 32.323 ug/l
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

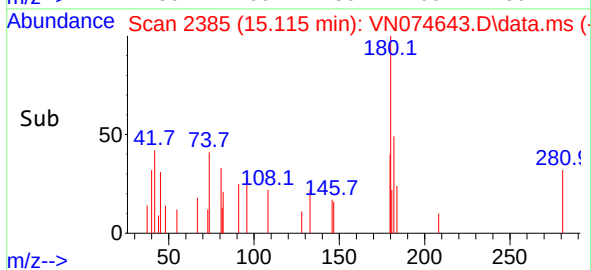
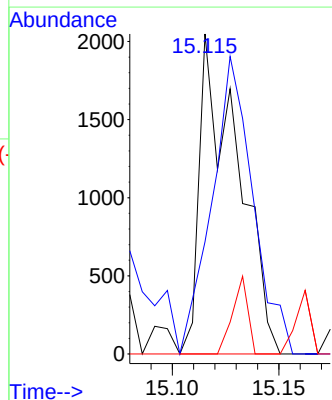
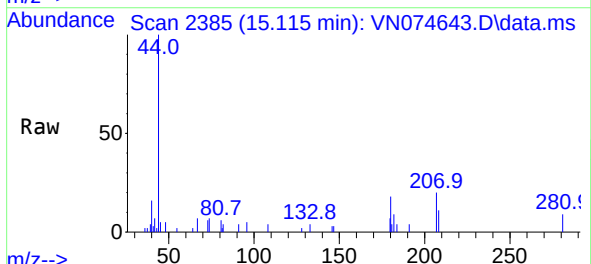
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

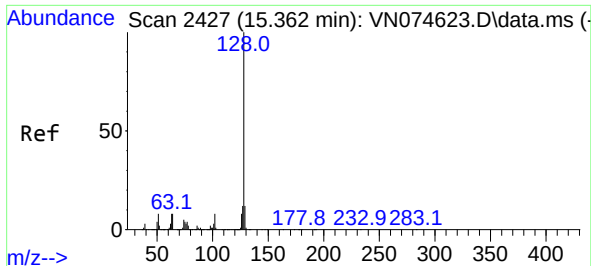
Tgt Ion: 98 Resp: 921921
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#89
1,2,4-Trichlorobenzene
Concen: 0.354 ug/l
RT: 15.115 min Scan# 2385
Delta R.T. -0.012 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

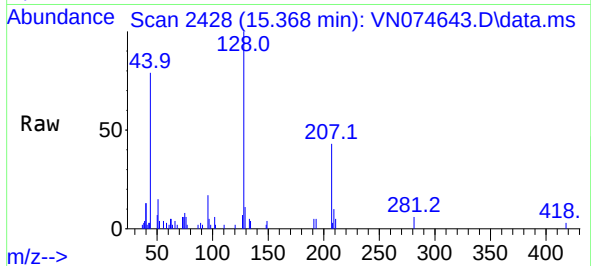
Tgt Ion:180 Resp: 2554
Ion Ratio Lower Upper
180 100
182 99.7 74.9 112.3
145 9.7 26.3 39.5#





#91
Naphthalene
Concen: 0.572 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.7	10.7	16.1#
129	5.9	8.9	13.3#

