

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069764.D
 Acq On : 4 Dec 2021 14:40
 Operator : JC/MD
 Sample : M4922-10DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20211130DL

Quant Time: Dec 04 16:11:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

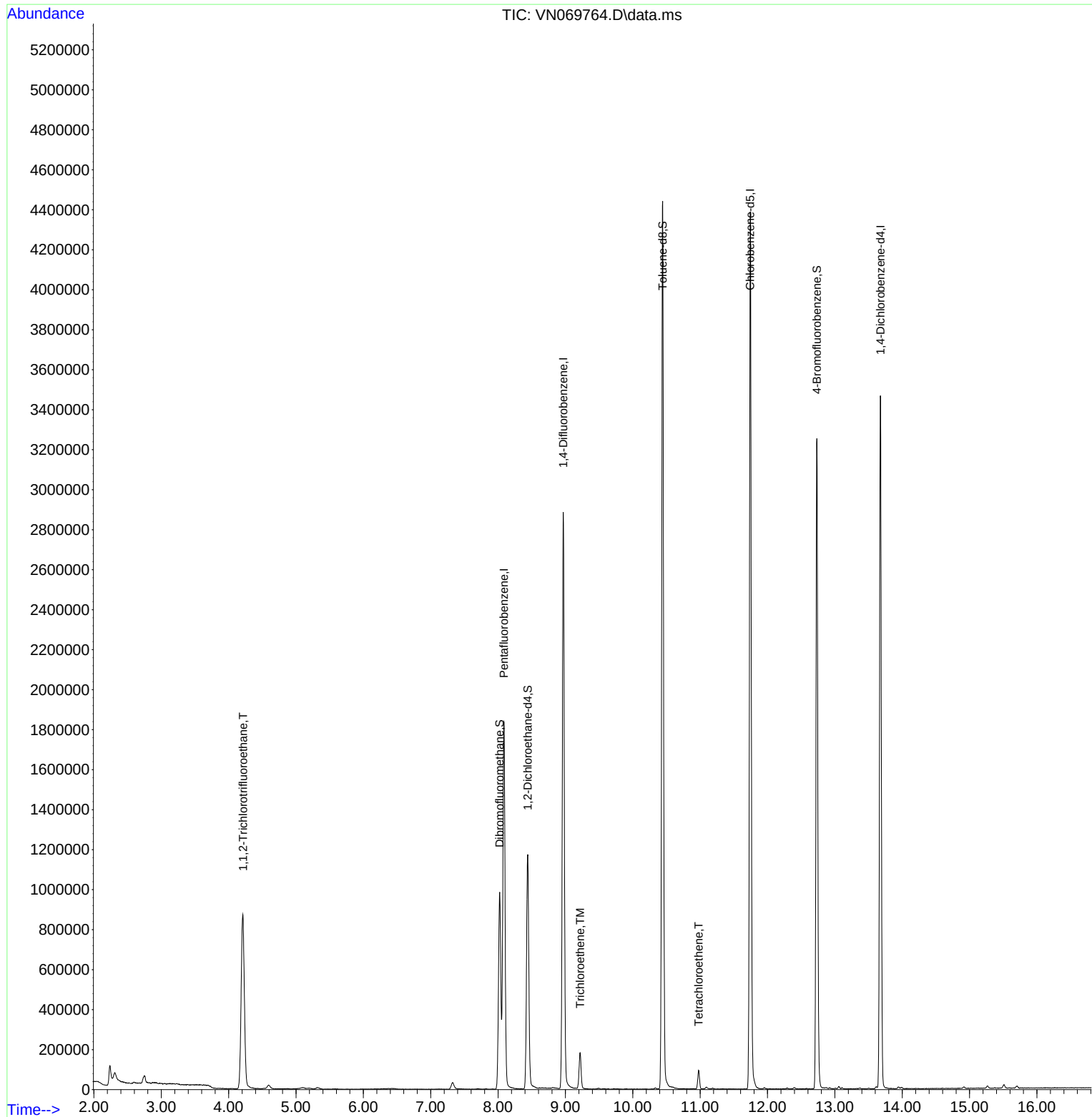
Internal Standards						
1) Pentafluorobenzene	8.088	168	1356839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2390754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2460283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	929432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1026534	49.000	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.000%
35) Dibromofluoromethane	8.024	113	710288	47.431	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.860%
50) Toluene-d8	10.443	98	3056882	50.838	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.734	95	1134006	52.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.120%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.213	101	585844	43.680	ug/l	96
44) Trichloroethene	9.217	130	62920	3.789	ug/l	94
64) Tetrachloroethene	10.977	164	21027	1.260	ug/l	93

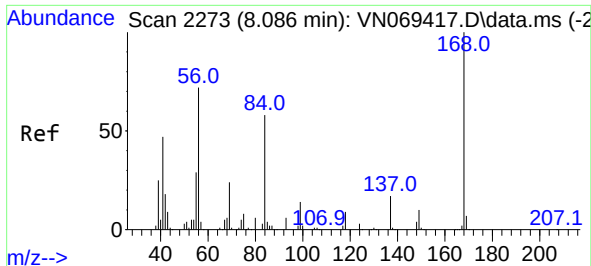
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

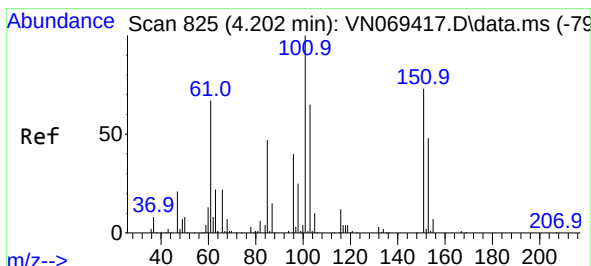
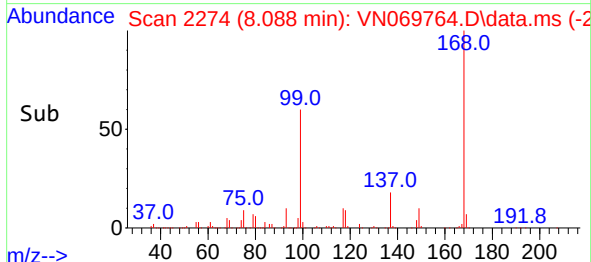
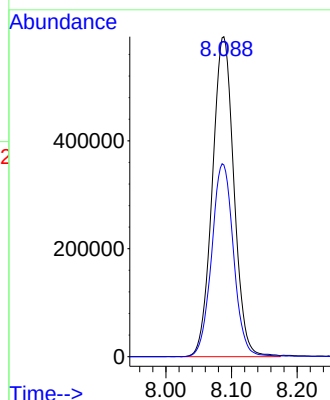
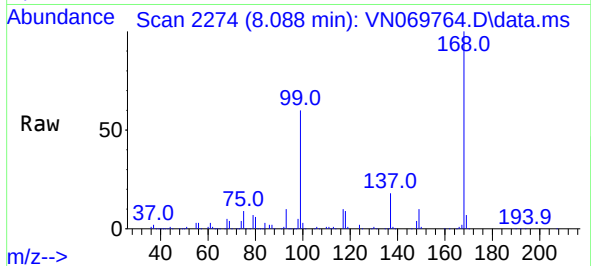




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

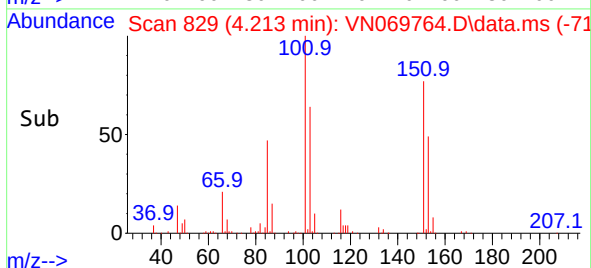
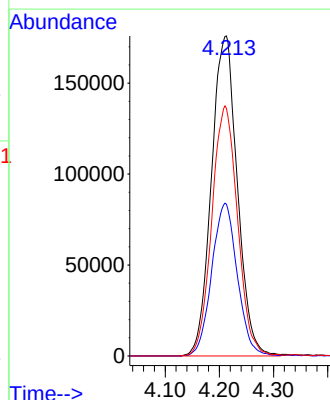
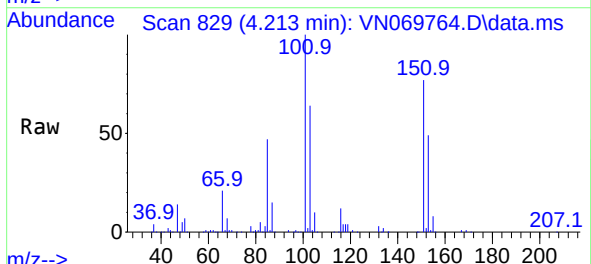
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20211130DL

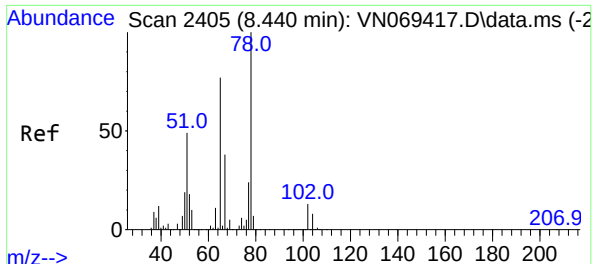
Tgt Ion:168 Resp: 1356839
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.680 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Tgt Ion:101 Resp: 585844
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 77.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069764.D

Acq: 4 Dec 2021 14:40

Instrument :

MSVOA_N

ClientSampleId :

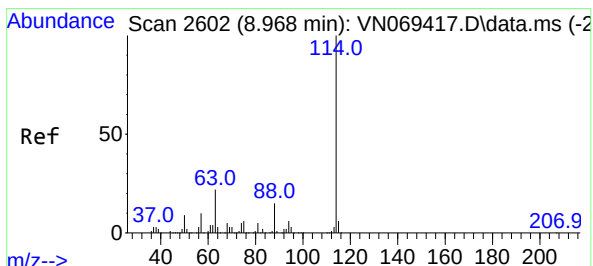
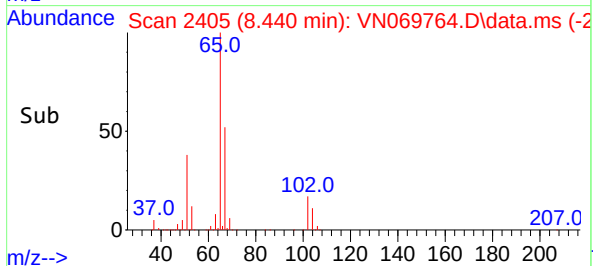
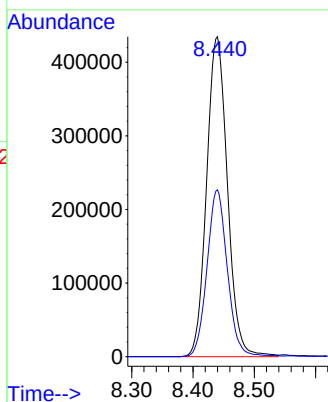
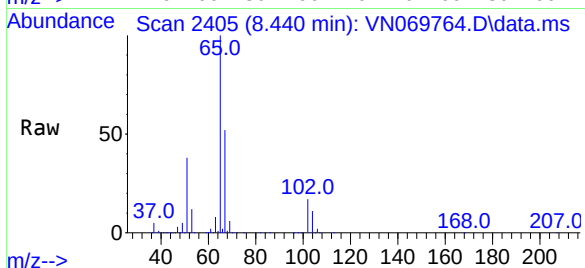
RE131D3-20211130DL

Tgt Ion: 65 Resp: 1026534

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069764.D

Acq: 4 Dec 2021 14:40

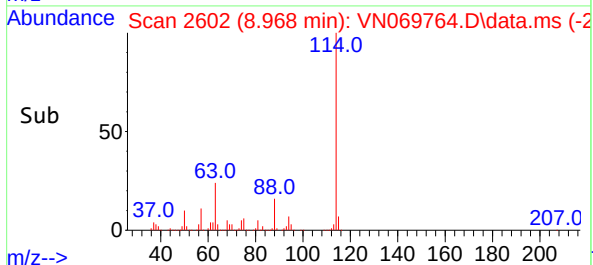
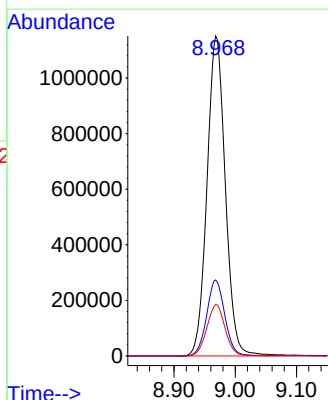
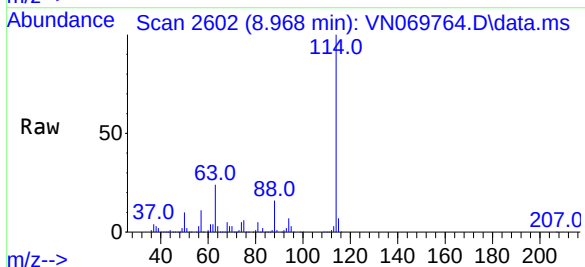
Tgt Ion: 114 Resp: 2390754

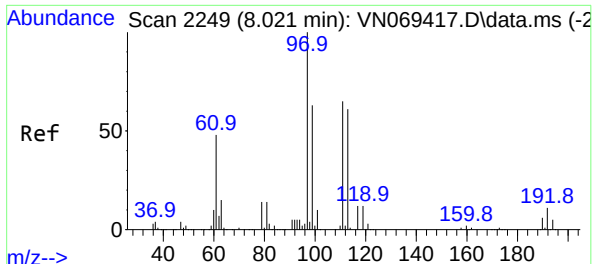
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.0 0.0 27.4

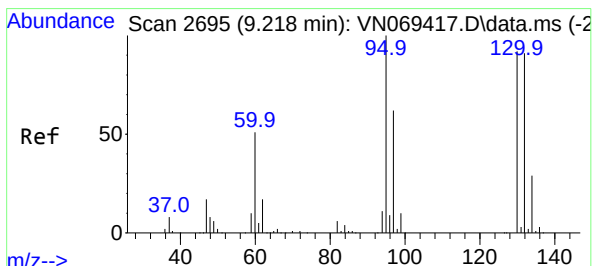
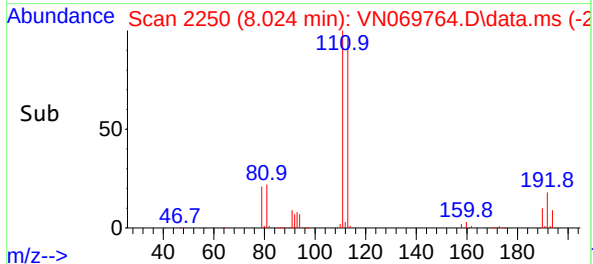
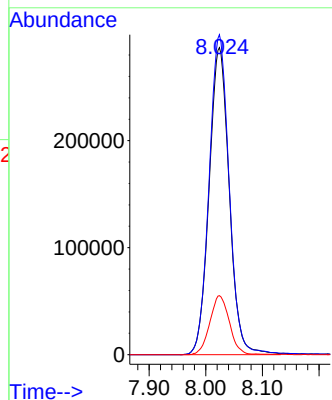
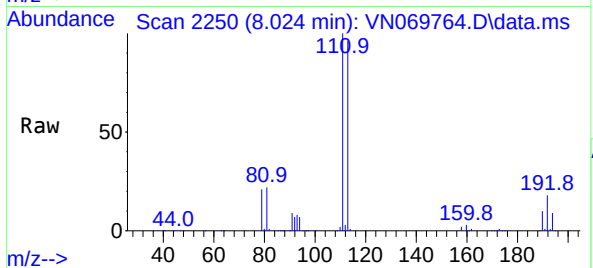




#35
Dibromofluoromethane
Concen: 47.431 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

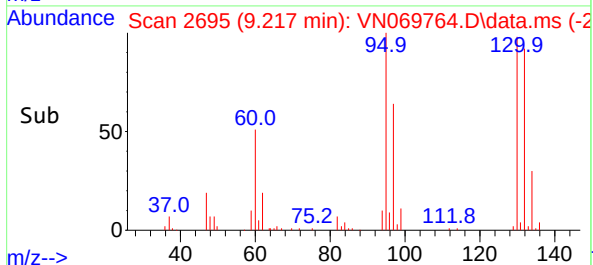
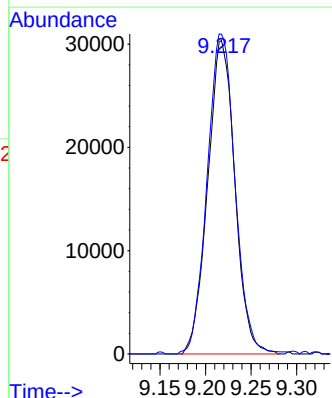
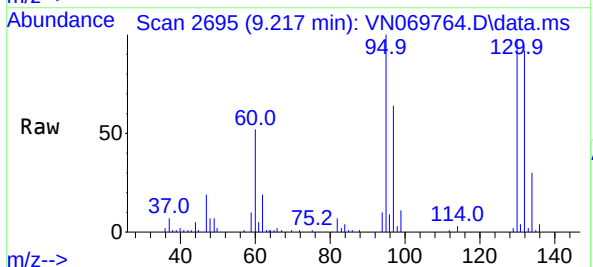
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20211130DL

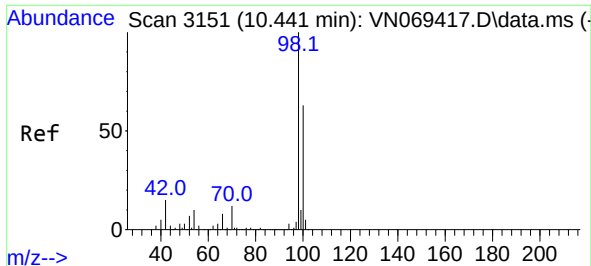
Tgt Ion:113 Resp: 710288
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.6 16.9 25.3



#44
Trichloroethene
Concen: 3.789 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Tgt Ion:130 Resp: 62920
Ion Ratio Lower Upper
130 100
95 101.4 0.0 191.2

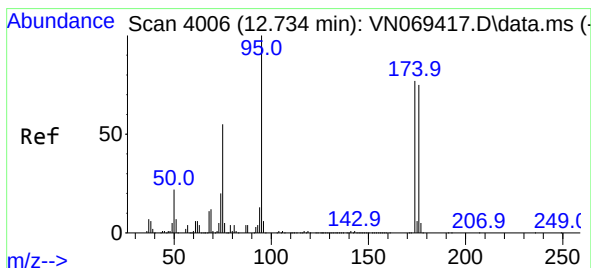
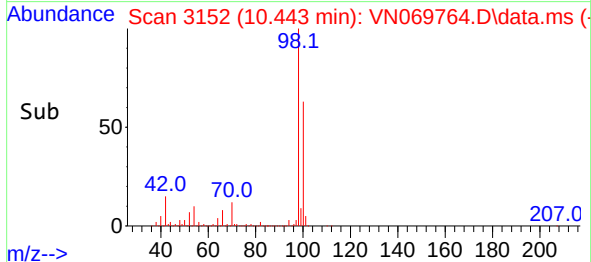
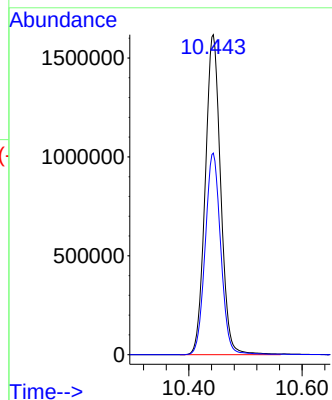
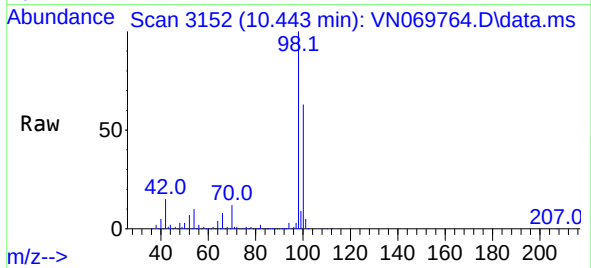




#50
Toluene-d8
Concen: 50.838 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

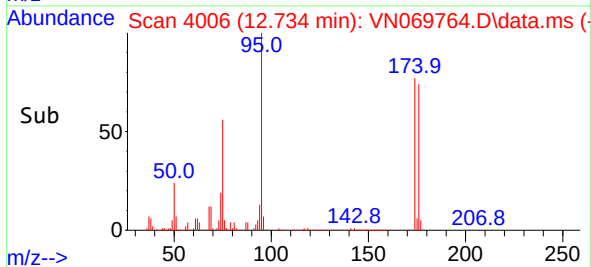
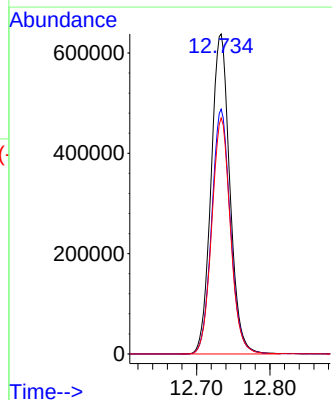
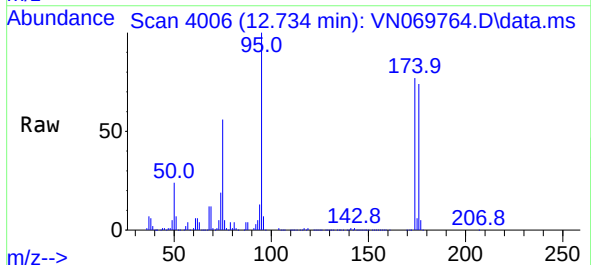
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20211130DL

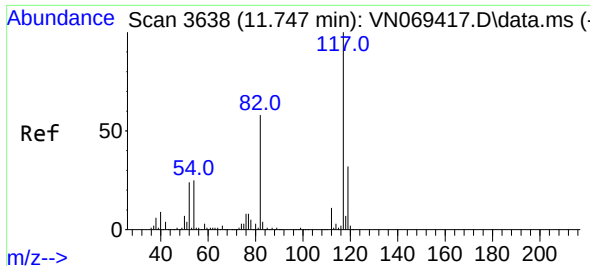
Tgt Ion: 98 Resp: 3056882
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.057 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Tgt Ion: 95 Resp: 1134006
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.4 0.0 181.4



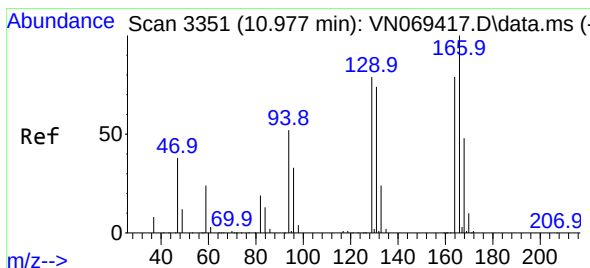
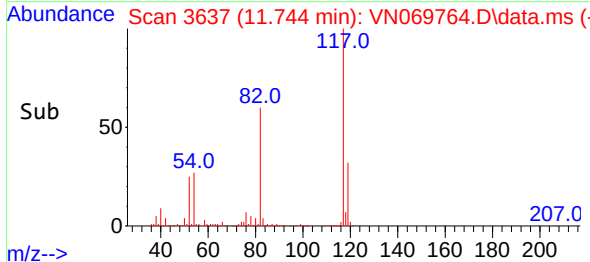
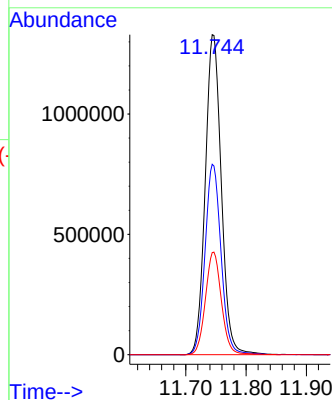
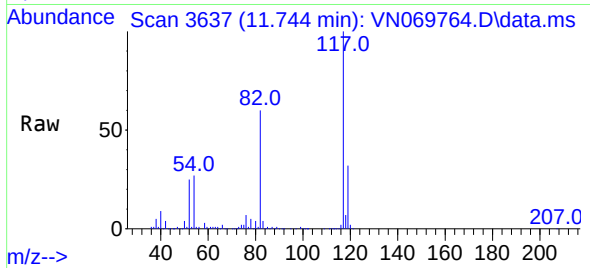


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2460283

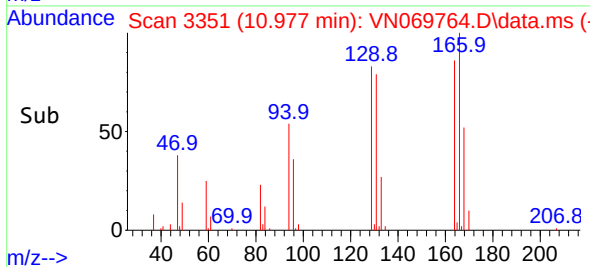
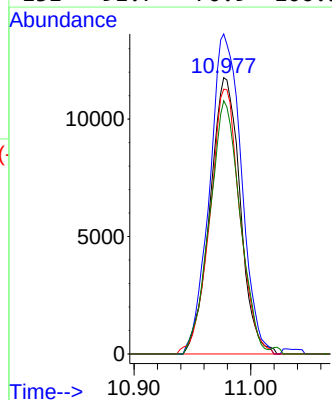
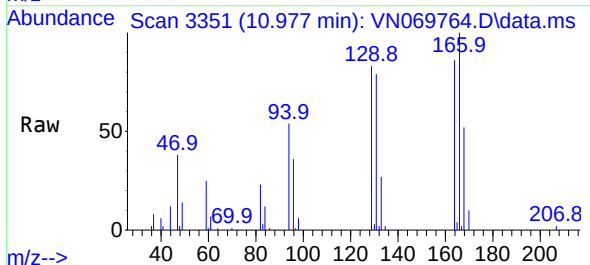
Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	31.9	25.4	38.2

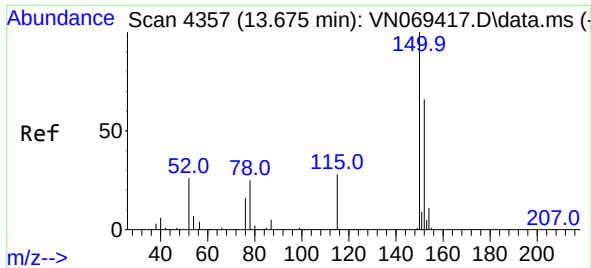


#64
Tetrachloroethene
Concen: 1.260 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Tgt Ion:164 Resp: 21027

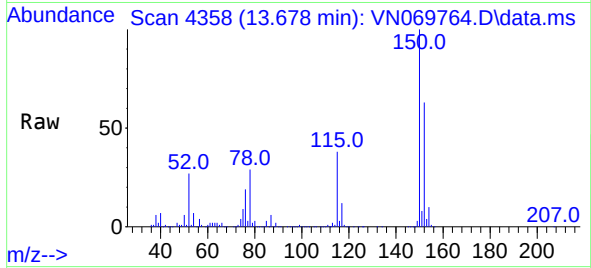
Ion	Ratio	Lower	Upper
164	100		
166	115.8	101.9	152.9
129	95.9	72.0	108.0
131	91.7	70.9	106.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069764.D
Acq: 4 Dec 2021 14:40

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20211130DL



Tgt Ion:152 Resp: 929432
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.9 0.0 344.4

