

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073269.D
 Acq On : 30 Jun 2022 16:37
 Operator : JC\MD
 Sample : N3554-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-03-20

Quant Time: Jul 01 08:08:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

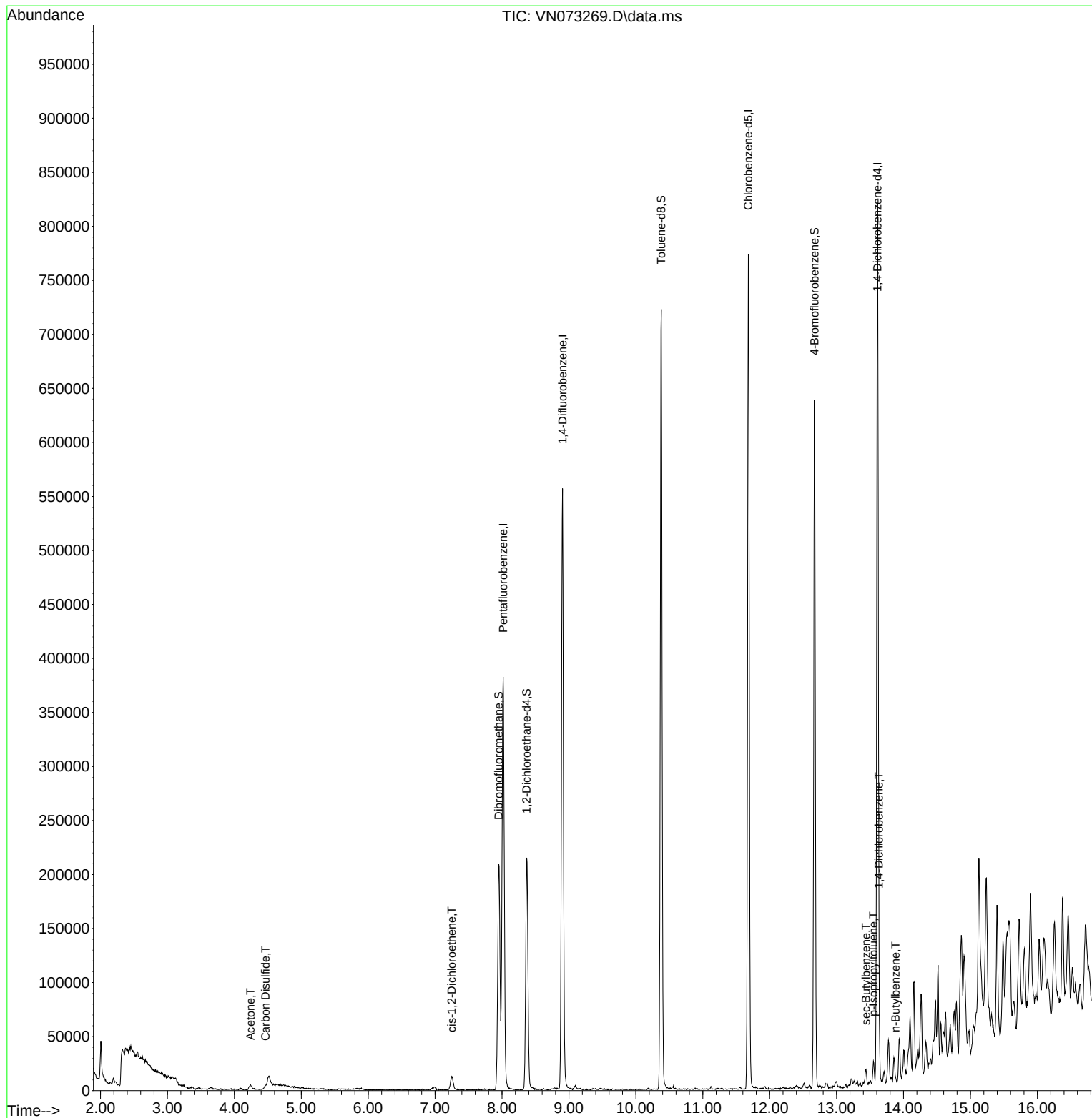
Internal Standards						
1) Pentafluorobenzene	8.016	168	291420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	442148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	212973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182742	43.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.880%
35) Dibromofluoromethane	7.951	113	155832	48.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.381	98	504276	44.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.060%
62) 4-Bromofluorobenzene	12.669	95	220673	50.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	7862	3.329	ug/l #	83
17) Carbon Disulfide	4.463	76	6338	0.712	ug/l #	93
27) cis-1,2-Dichloroethene	7.245	96	6568	1.513	ug/l	95
85) sec-Butylbenzene	13.439	105	9550	0.529	ug/l	88
86) p-Isopropyltoluene	13.551	119	9958	0.683	ug/l	92
88) 1,4-Dichlorobenzene	13.633	146	13059	1.699	ug/l #	82
89) n-Butylbenzene	13.880	91	4234	0.349	ug/l #	68

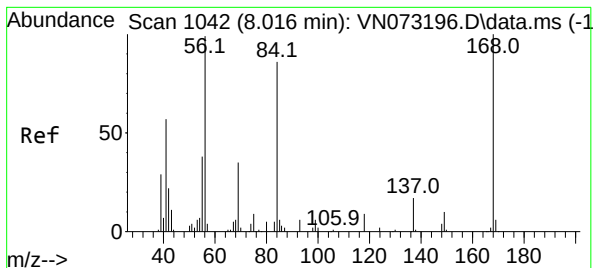
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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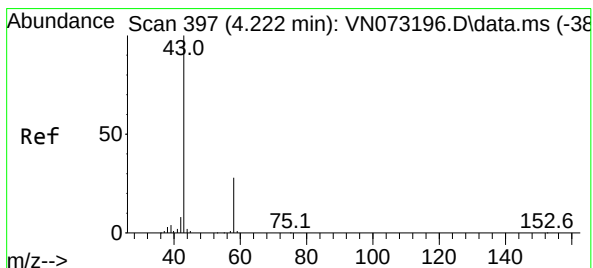
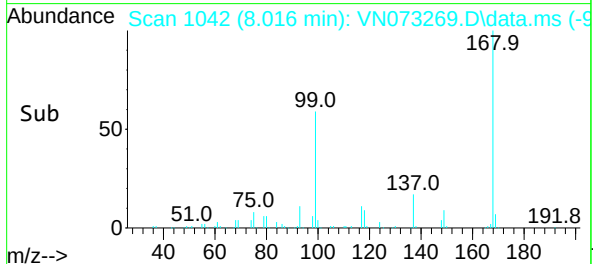
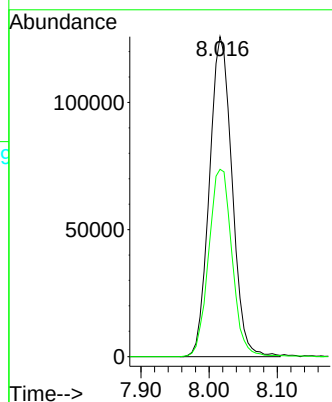
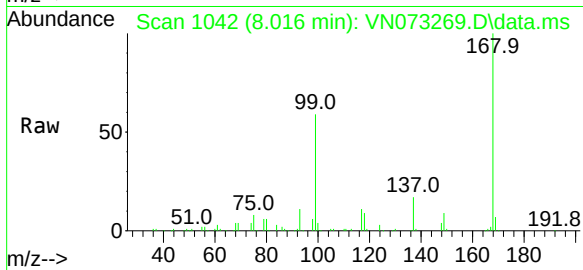




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

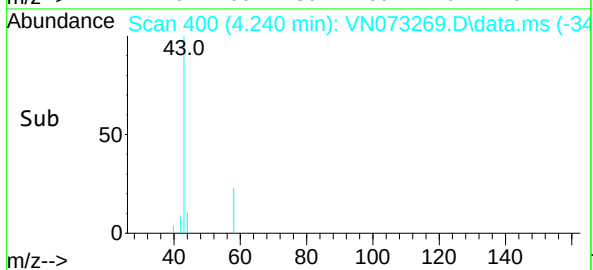
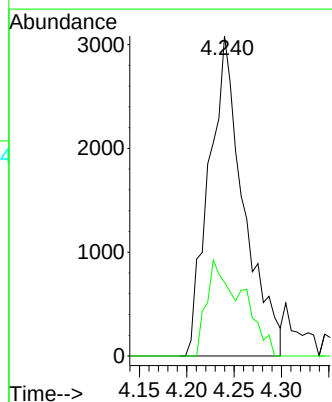
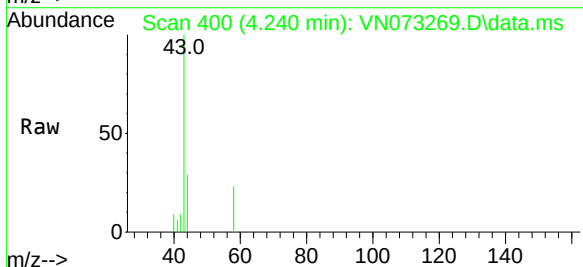
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-20

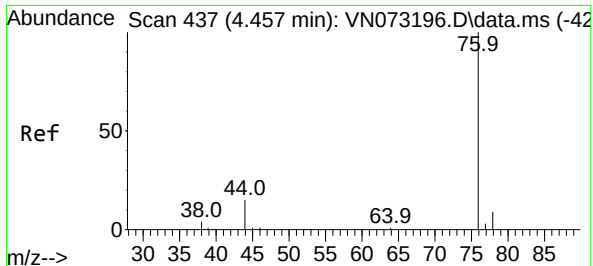
Tgt Ion:168 Resp: 291420
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#16
Acetone
Concen: 3.329 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

Tgt Ion: 43 Resp: 7862
Ion Ratio Lower Upper
43 100
58 23.0 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.712 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN073269.D

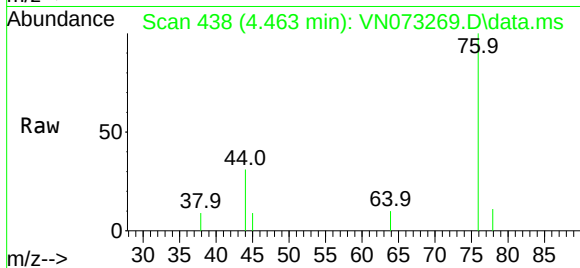
Acq: 30 Jun 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-03-20

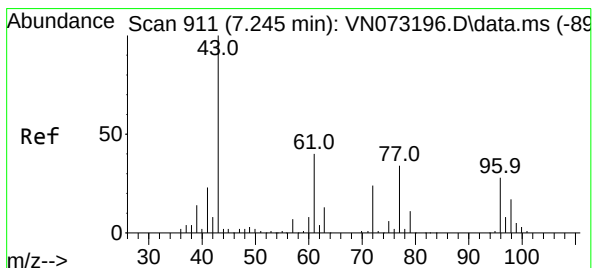
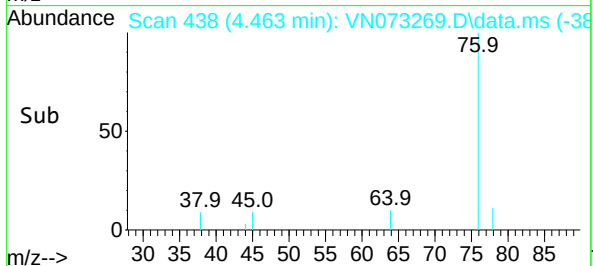
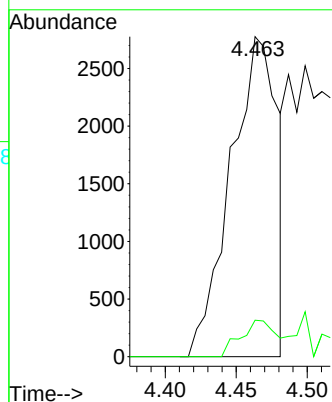


Tgt Ion: 76 Resp: 6338

Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 1.513 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073269.D

Acq: 30 Jun 2022 16:37

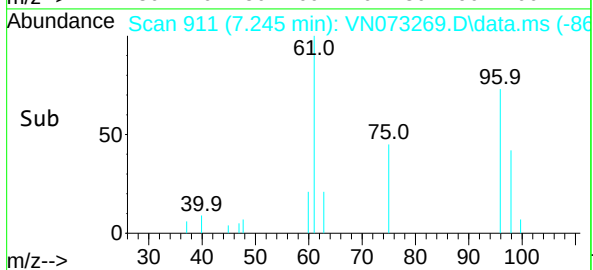
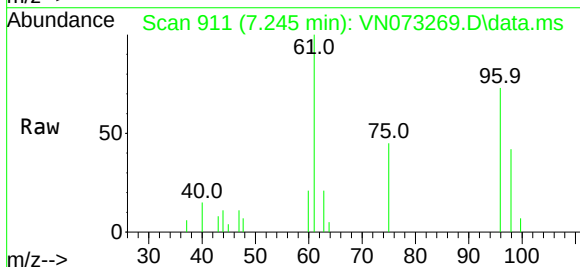
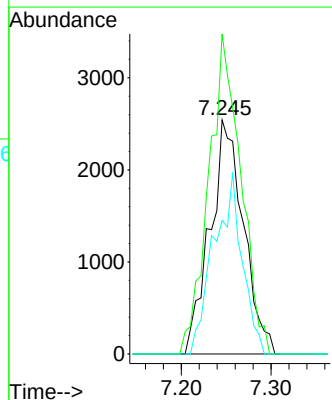
Tgt Ion: 96 Resp: 6568

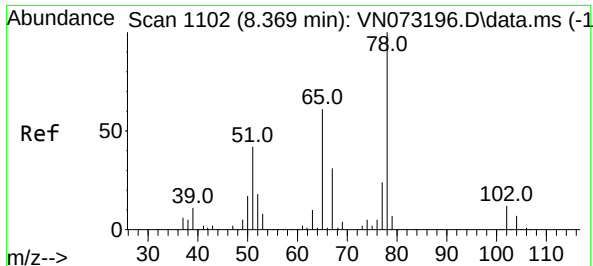
Ion Ratio Lower Upper

96 100

61 131.6 0.0 280.6

98 65.3 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 43.438 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073269.D

Acq: 30 Jun 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

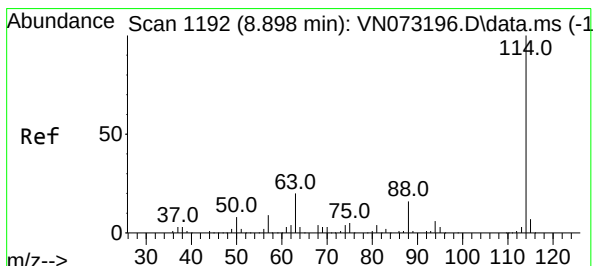
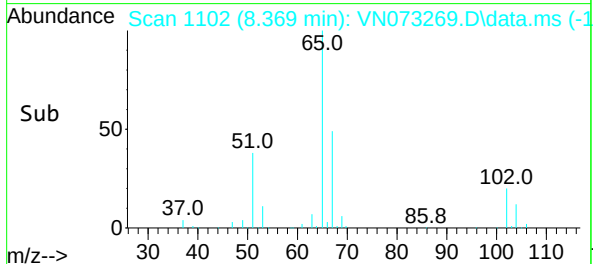
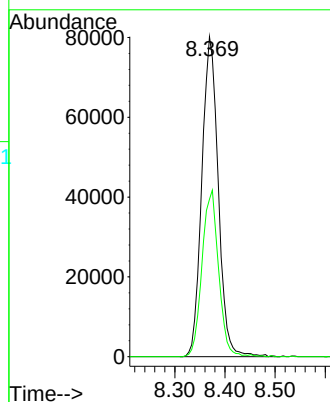
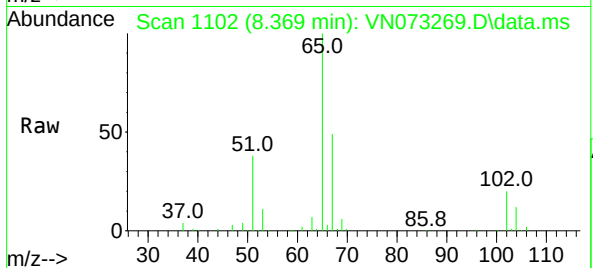
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Tgt Ion: 65 Resp: 182742

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073269.D

Acq: 30 Jun 2022 16:37

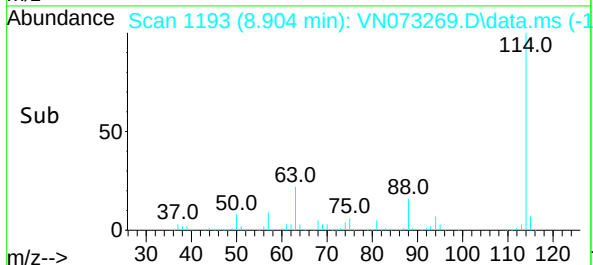
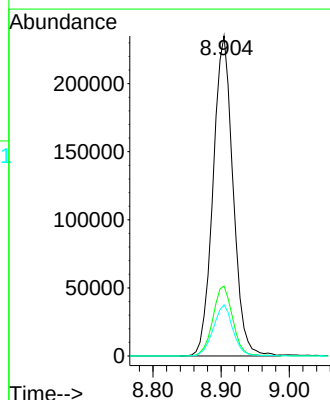
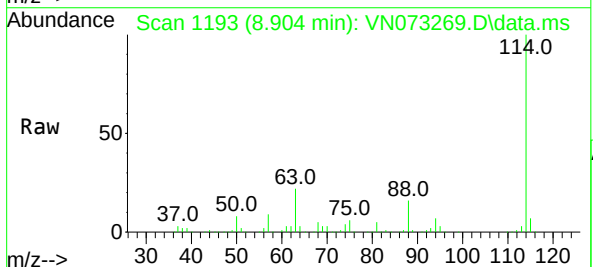
Tgt Ion: 114 Resp: 479233

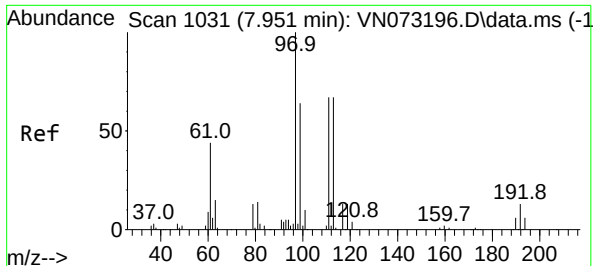
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.0 0.0 32.6

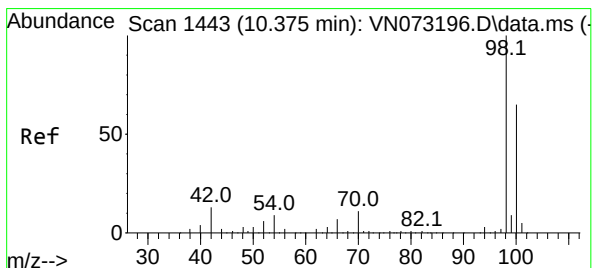
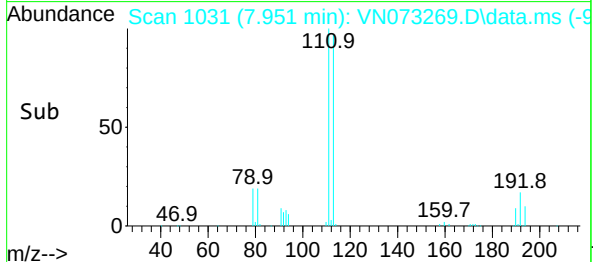
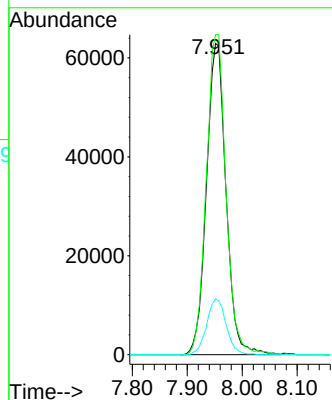
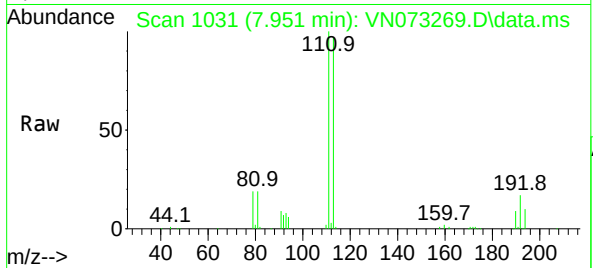




#35
Dibromofluoromethane
Concen: 48.875 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

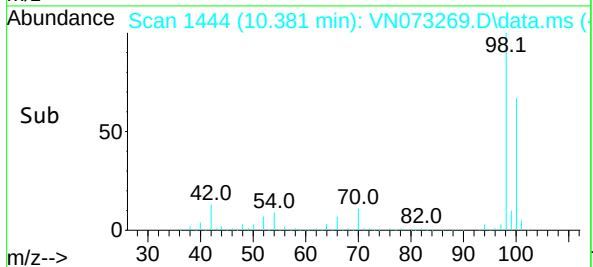
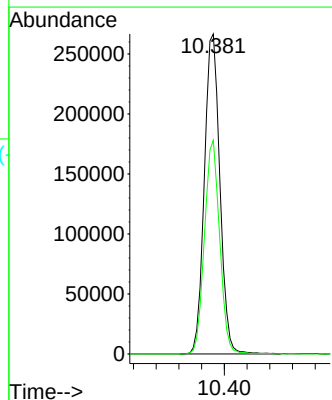
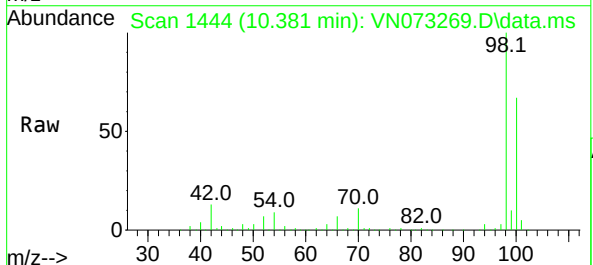
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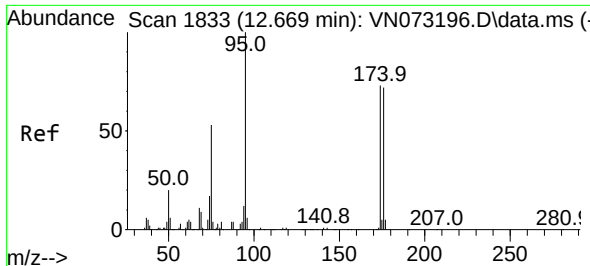
Tgt Ion:113 Resp: 155832
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 17.9 17.0 25.6



#50
Toluene-d8
Concen: 44.531 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

Tgt Ion: 98 Resp: 504276
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

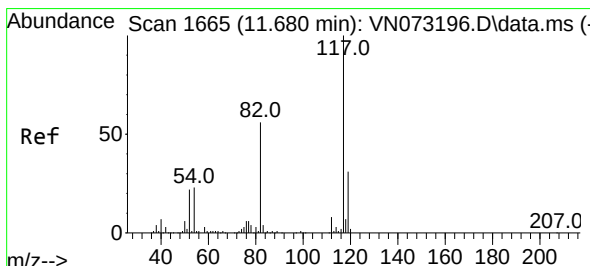
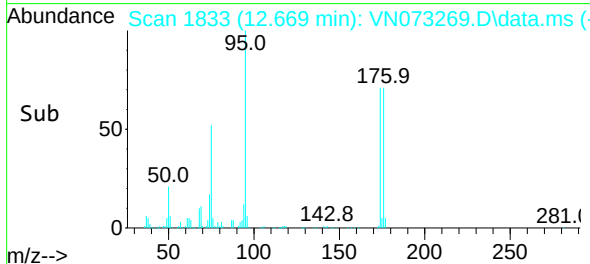
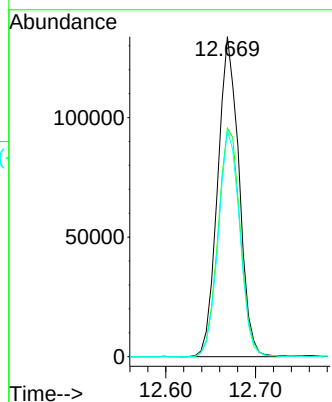
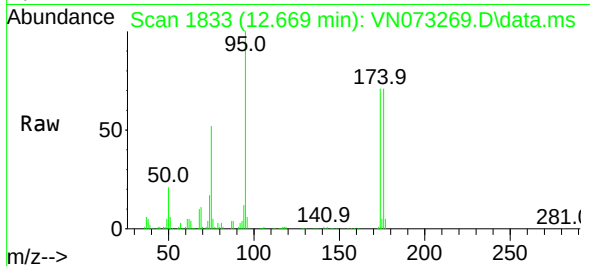




#62
4-Bromofluorobenzene
Concen: 50.708 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

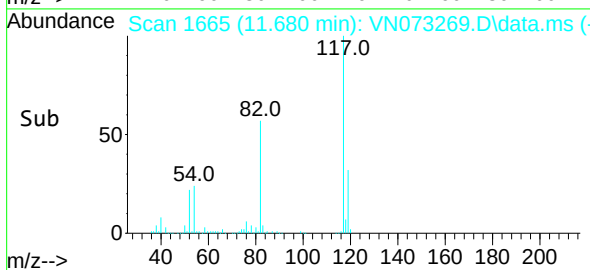
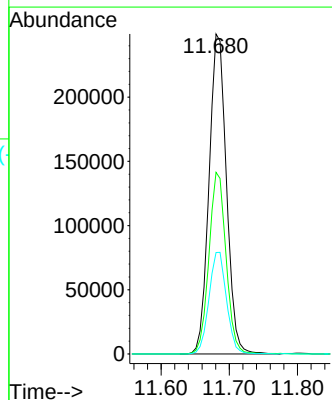
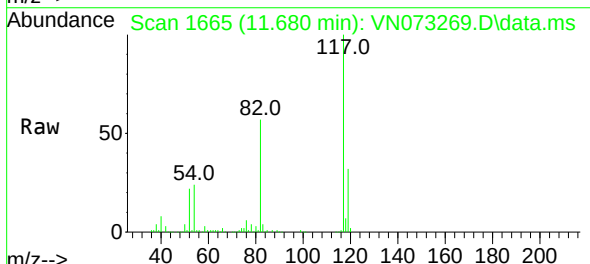
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-03-20

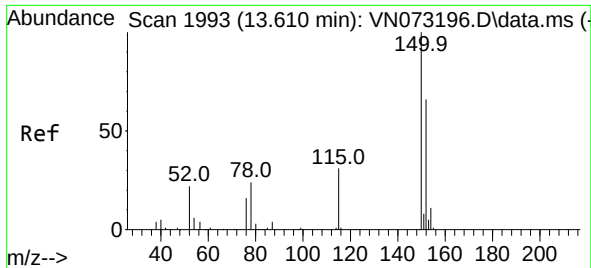
Tgt Ion: 95 Resp: 220673
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073269.D
Acq: 30 Jun 2022 16:37

Tgt Ion: 117 Resp: 442148
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.7 25.4 38.0

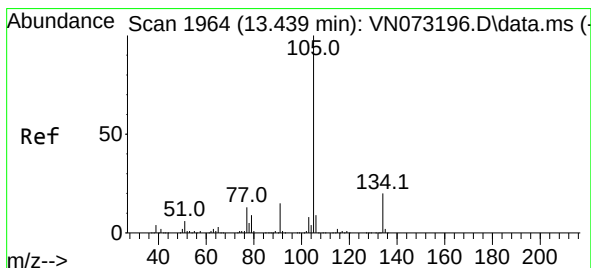
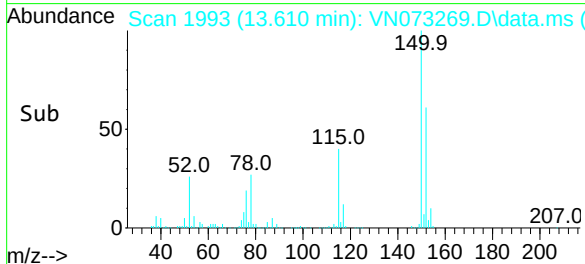
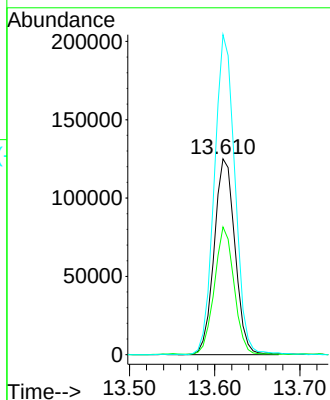
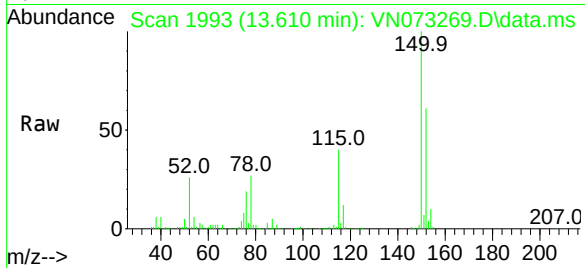




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073269.D
 Acq: 30 Jun 2022 16:37

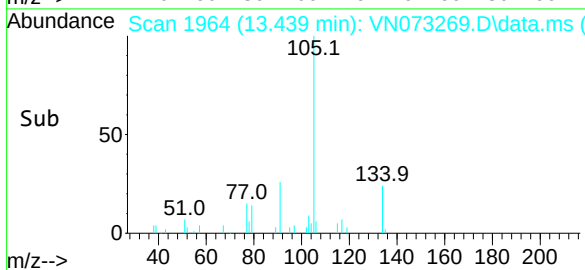
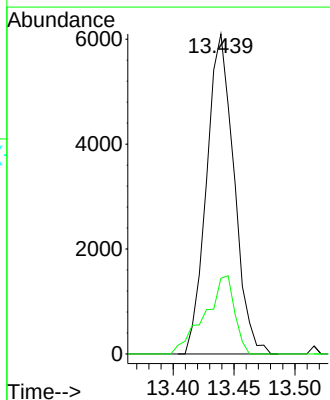
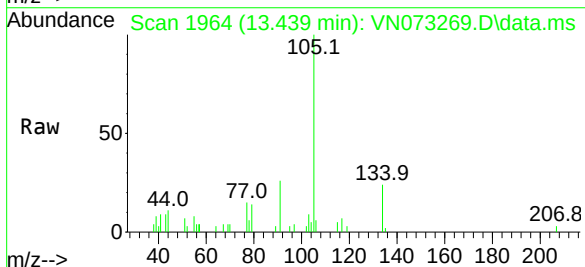
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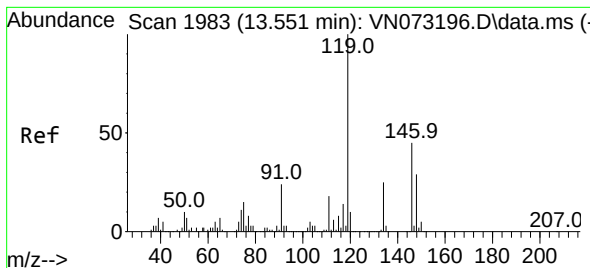
Tgt Ion:152 Resp: 212973
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.9 86.7
 150 161.7 0.0 356.2



#85
 sec-Butylbenzene
 Concen: 0.529 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073269.D
 Acq: 30 Jun 2022 16:37

Tgt Ion:105 Resp: 9550
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.683 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073269.D

Acq: 30 Jun 2022 16:37

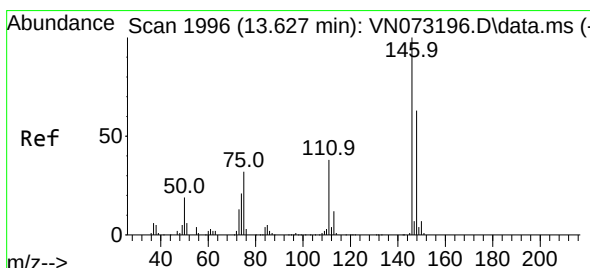
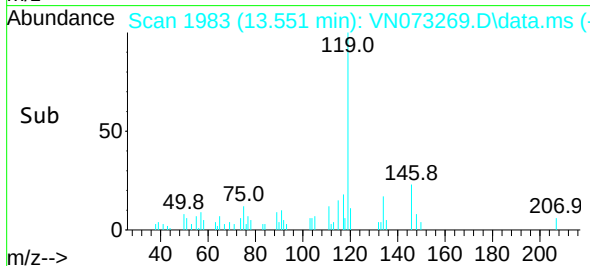
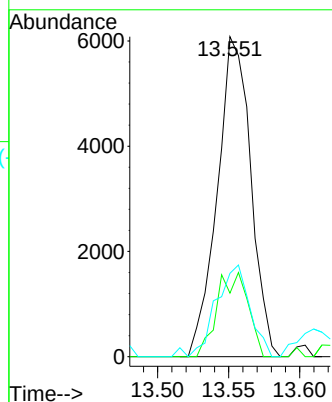
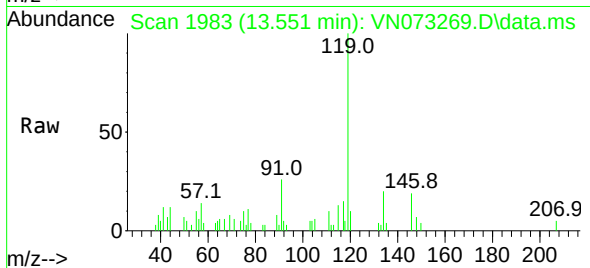
Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-03-20

Tgt Ion:	119	Resp:	9958
Ion	Ratio	Lower	Upper
119	100		
134	24.3	13.3	39.8
91	29.0	11.3	33.9



#88

1,4-Dichlorobenzene

Concen: 1.699 ug/l

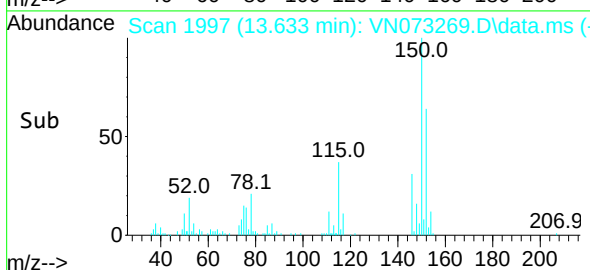
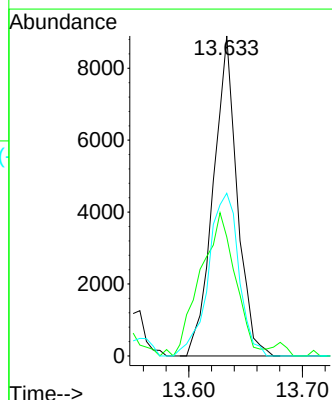
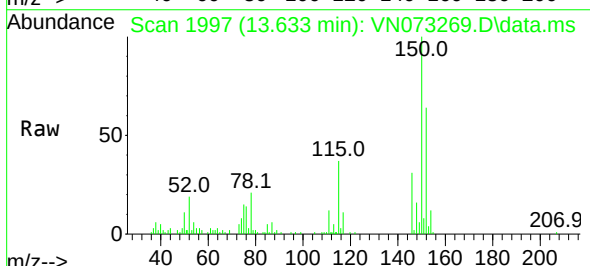
RT: 13.633 min Scan# 1997

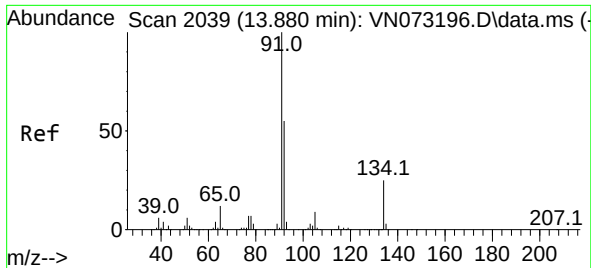
Delta R.T. 0.006 min

Lab File: VN073269.D

Acq: 30 Jun 2022 16:37

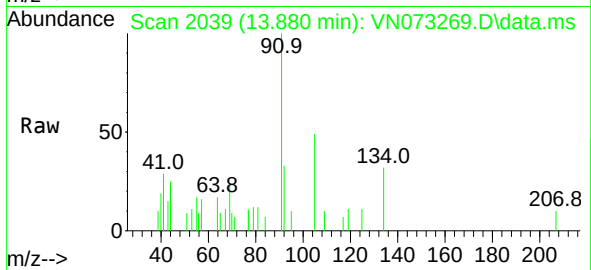
Tgt Ion:	146	Resp:	13059
Ion	Ratio	Lower	Upper
146	100		
111	65.3	19.1	57.1#
148	64.5	31.4	94.3





#89
 n-Butylbenzene
 Concen: 0.349 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VN073269.D
 Acq: 30 Jun 2022 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-03-20



Tgt Ion: 91	Resp: 4234
Ion Ratio	Lower Upper
91	100
92	37.8 26.9 80.7
134	0.0 13.6 40.8

