

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073316.D
 Acq On : 05 Jul 2022 15:34
 Operator : JC\MD
 Sample : N3237-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 01:14:41 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	268922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	460003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	417695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	189360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	178320	45.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.860%
35) Dibromofluoromethane	7.951	113	148085	48.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.380	98	489339	45.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.668	95	210593	50.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%

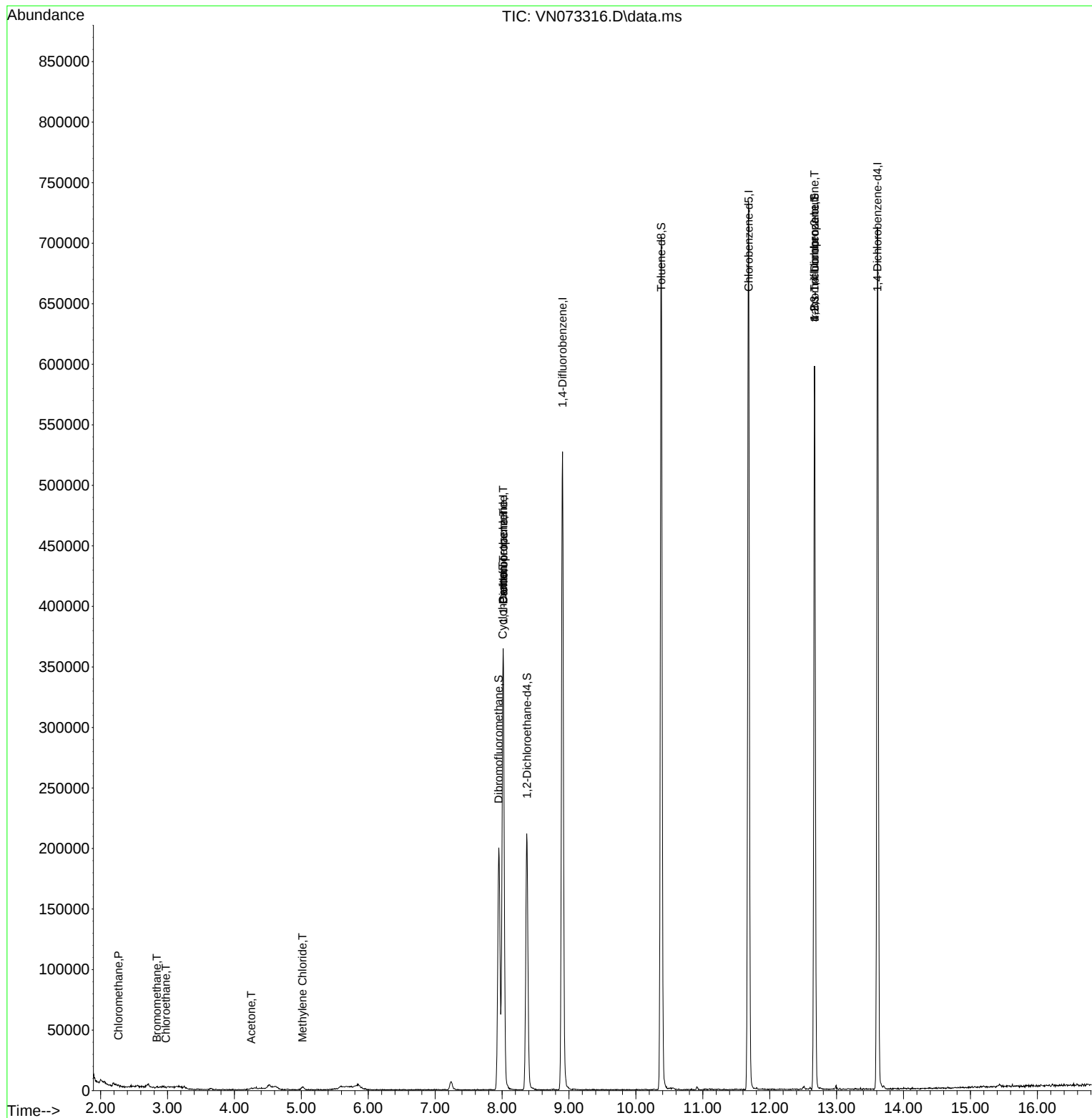
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	1009	0.264	ug/l #	88
5) Bromomethane	2.840	94	470	0.307	ug/l	88
6) Chloroethane	2.975	64	631	0.331	ug/l #	42
16) Acetone	4.251	43	1591	0.730	ug/l #	77
20) Methylene Chloride	5.016	84	1761	0.460	ug/l #	85
31) Cyclohexane	8.010	56	6642	1.045	ug/l #	52
36) 1,1-Dichloropropene	8.022	75	22108	4.695	ug/l #	50
38) Carbon Tetrachloride	8.016	117	28359	5.823	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	108064	21.825	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	108064	59.854	ug/l #	10

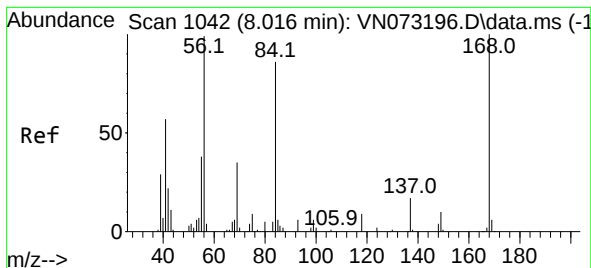
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073316.D

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Instrument :

MSVOA_N

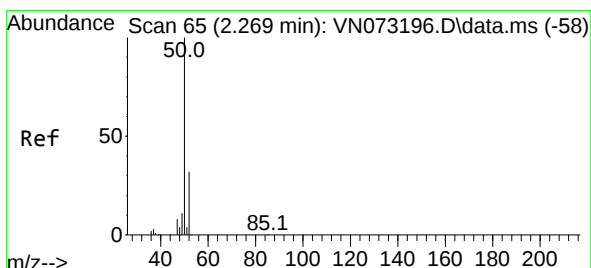
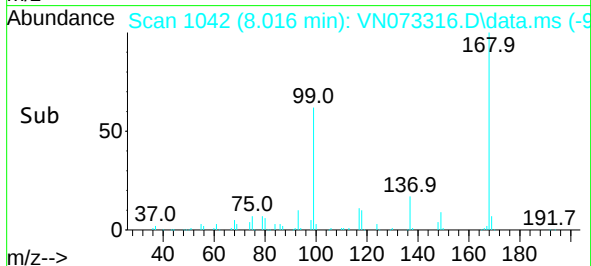
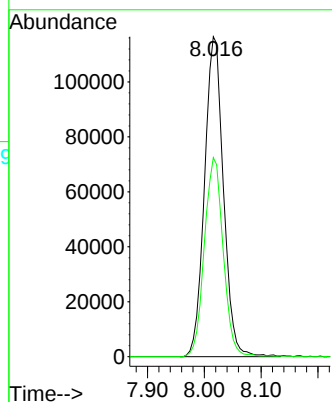
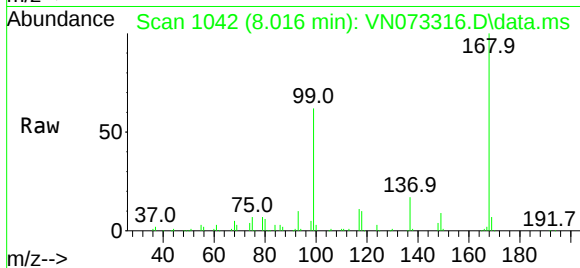
ClientSampleId :

Tgt Ion:168 Resp: 268922

Ion Ratio Lower Upper

168 100

99 62.2 42.3 63.5



#3

Chloromethane

Concen: 0.264 ug/l

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073316.D

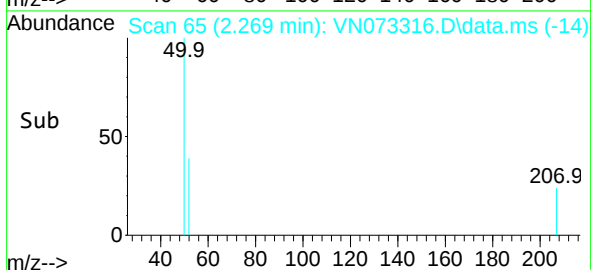
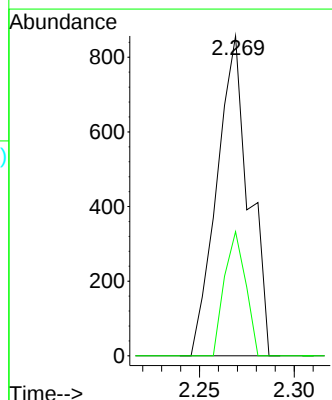
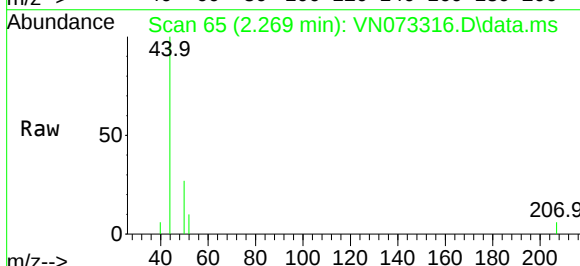
Acq: 05 Jul 2022 15:34

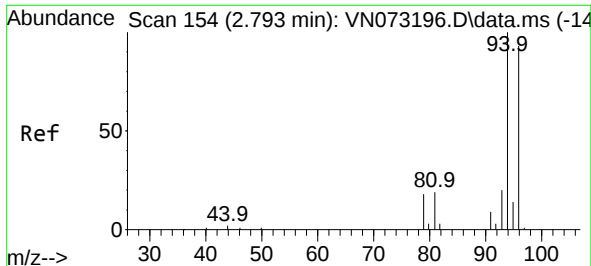
Tgt Ion: 50 Resp: 1009

Ion Ratio Lower Upper

50 100

52 38.9 25.7 38.5#

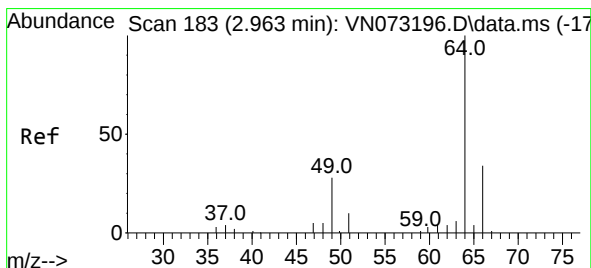
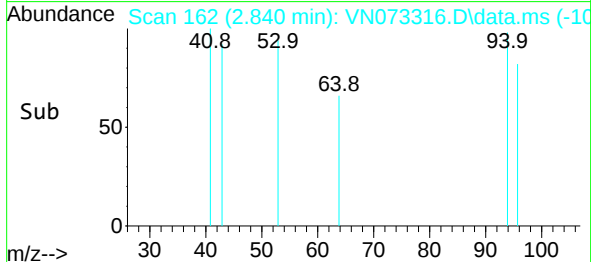
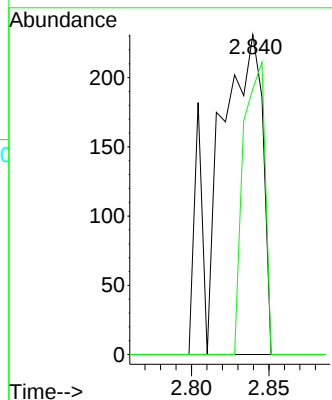
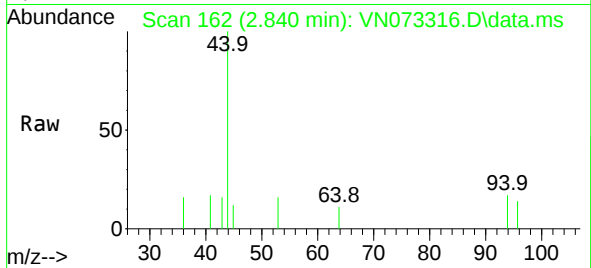




#5
Bromomethane
Concen: 0.307 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

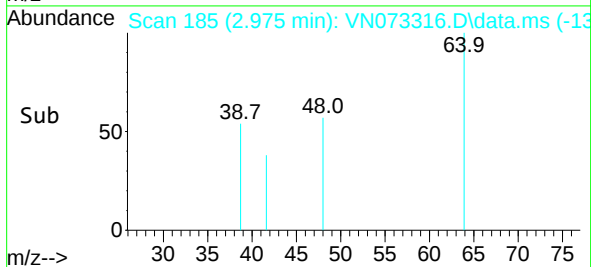
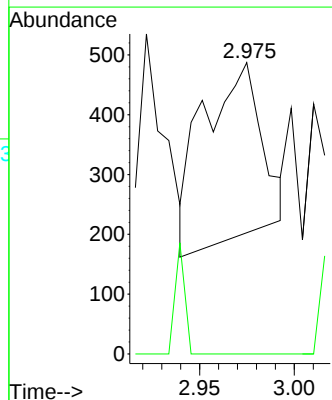
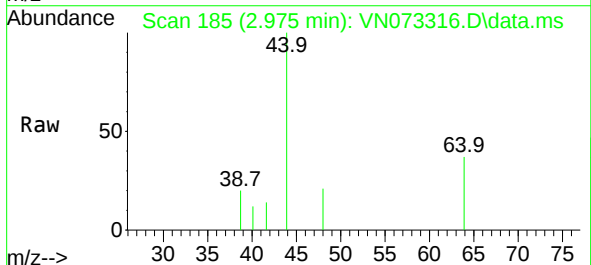
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 83.1 76.0 114.0



#6
Chloroethane
Concen: 0.331 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion: 64 Resp: 631
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

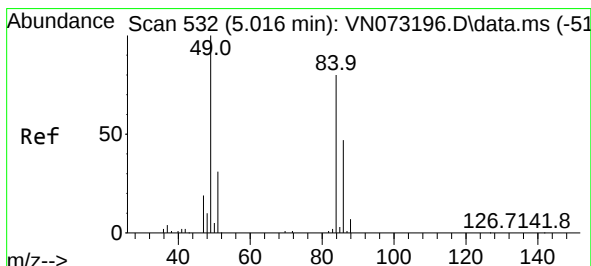
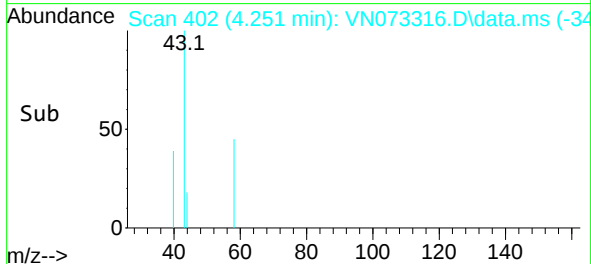
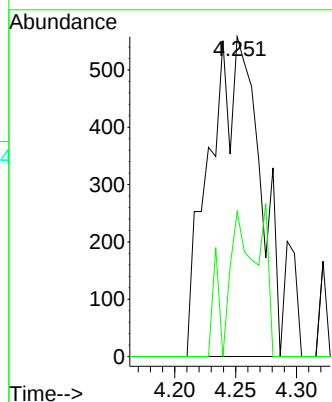
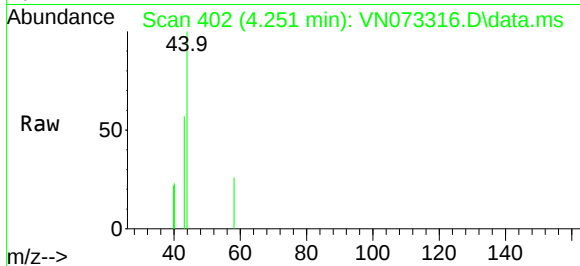




#16
Acetone
Concen: 0.730 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

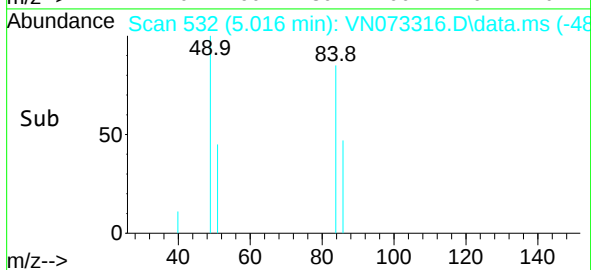
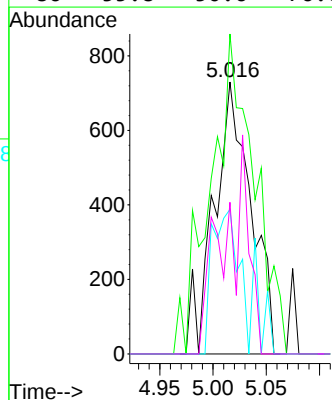
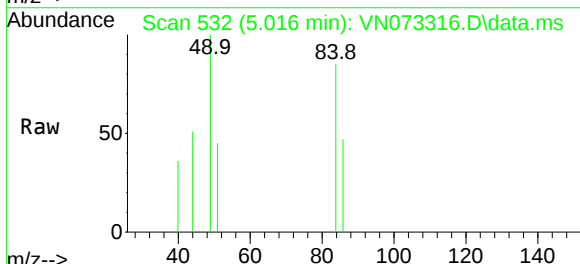
Instrument :
MSVOA_N
ClientSampleId :

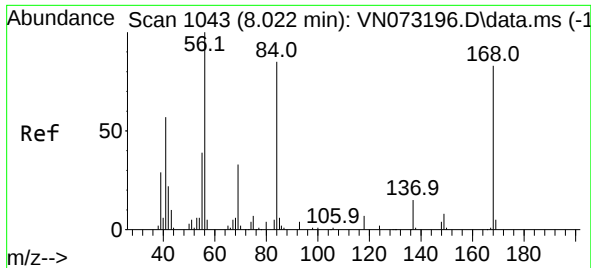
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 45.3 26.0 39.0#



#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

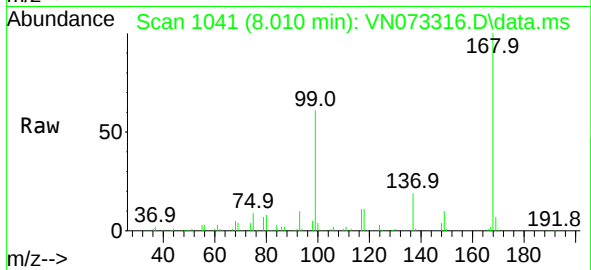
Tgt Ion: 84 Resp: 1761
Ion Ratio Lower Upper
84 100
49 97.0 88.3 132.5
51 53.2 28.2 42.2#
86 55.8 50.6 76.0



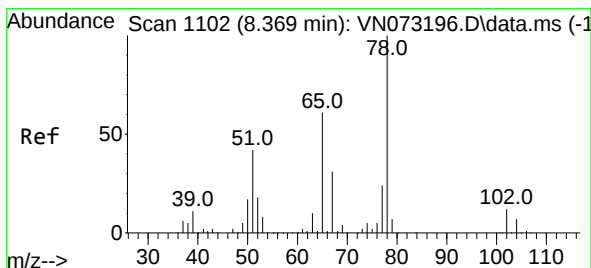
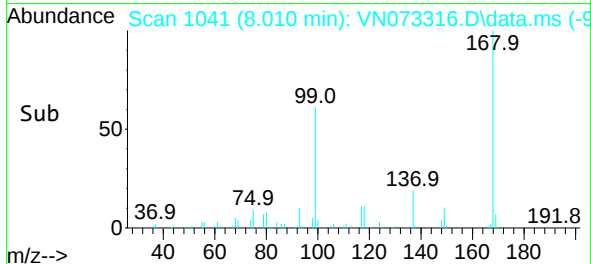
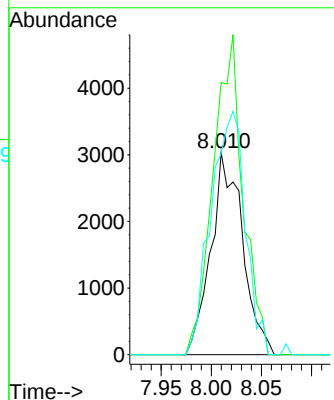


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :

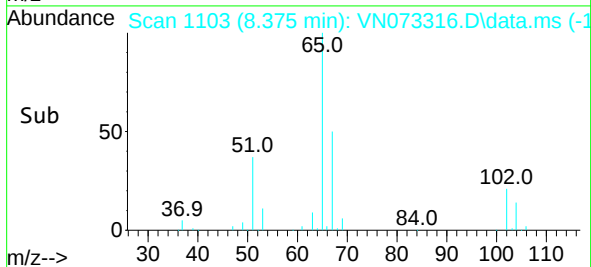
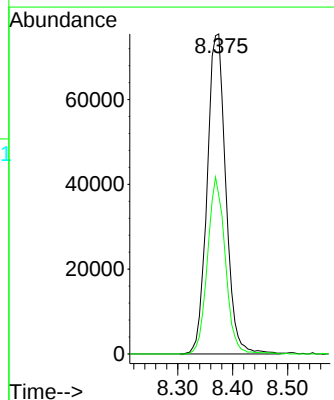
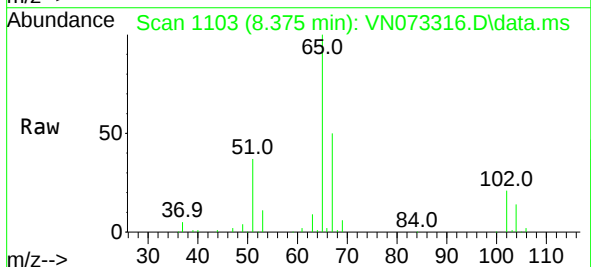


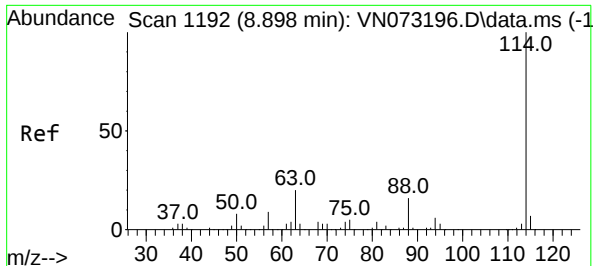
Tgt Ion: 56 Resp: 6642
Ion Ratio Lower Upper
56 100
69 134.6 27.8 41.8#
84 99.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.933 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion: 65 Resp: 178320
Ion Ratio Lower Upper
65 100
67 52.4 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: VN073316.D

Acq: 05 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

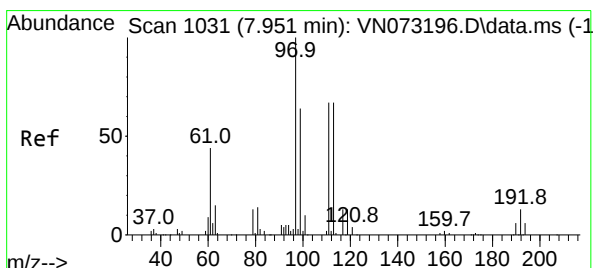
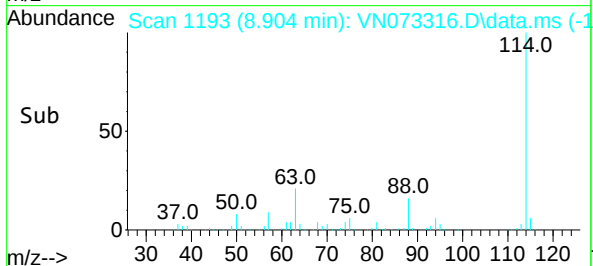
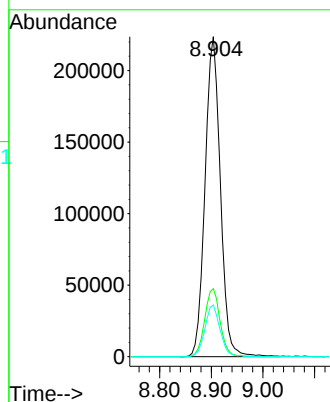
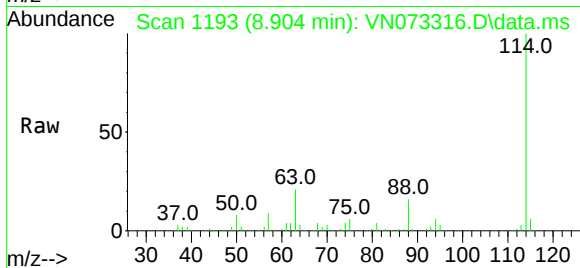
Tgt Ion:114 Resp: 460003

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.386 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

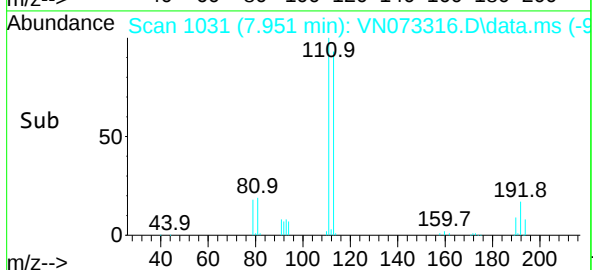
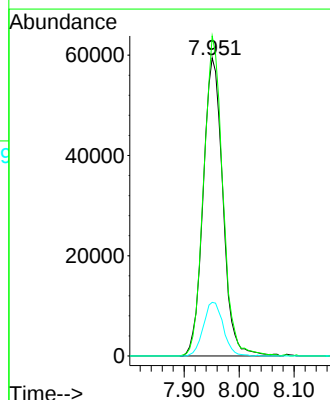
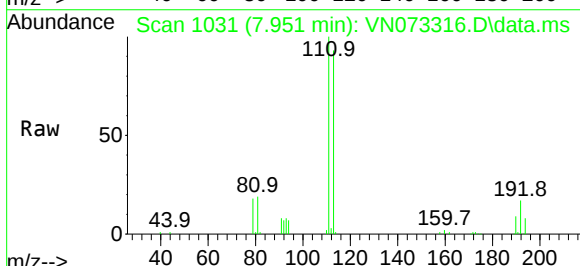
Tgt Ion:113 Resp: 148085

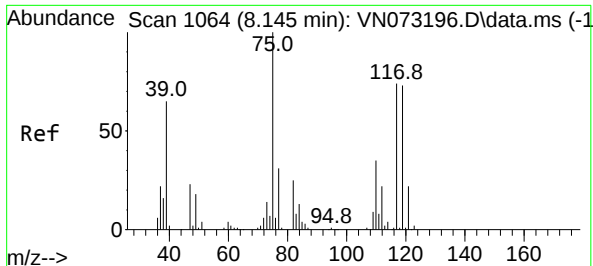
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.695 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

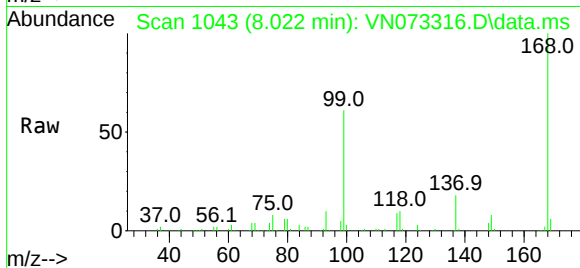
Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

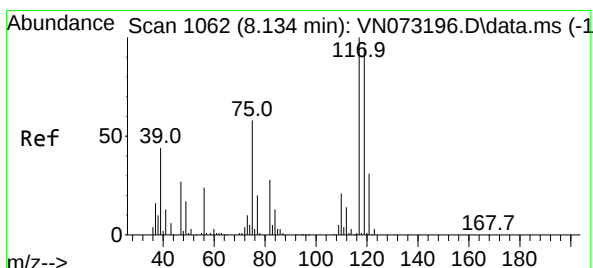
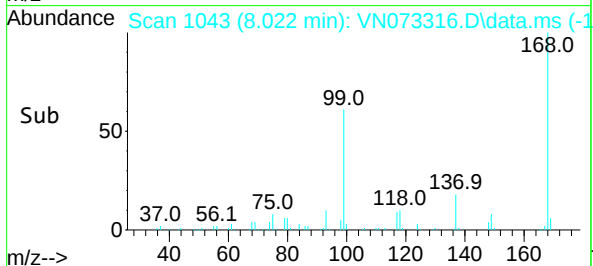
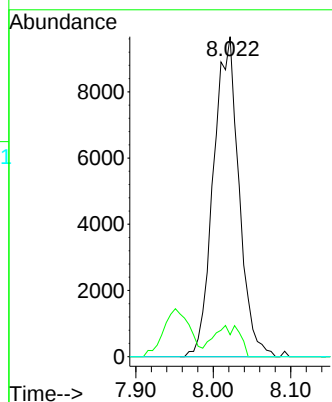
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 22108
Ion Ratio	Lower Upper
75	100
110	10.0 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.823 ug/l

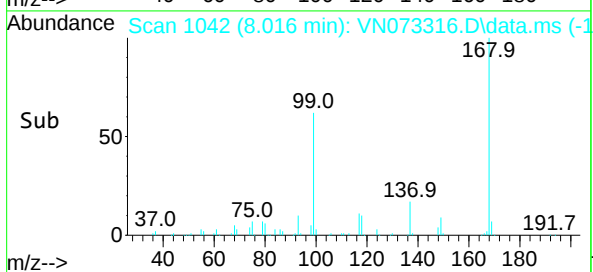
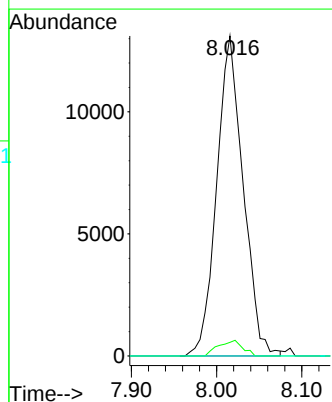
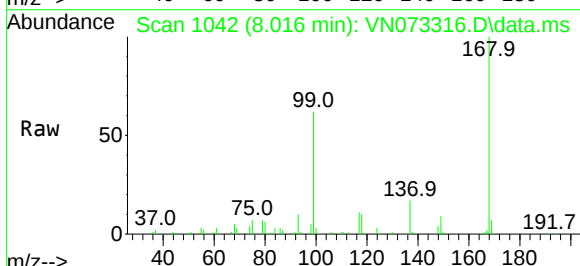
RT: 8.016 min Scan# 1042

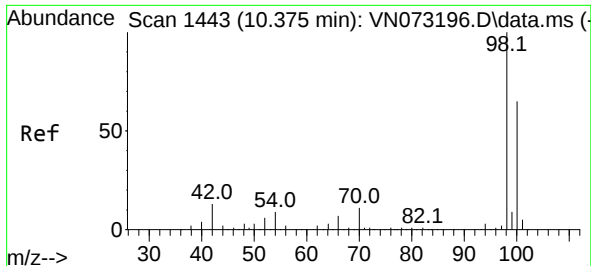
Delta R.T. -0.118 min

Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

Tgt Ion: 117	Resp: 28359
Ion Ratio	Lower Upper
117	100
119	4.3 75.8 113.8#
121	0.0 24.6 37.0#

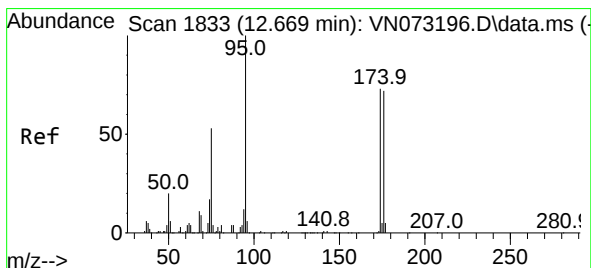
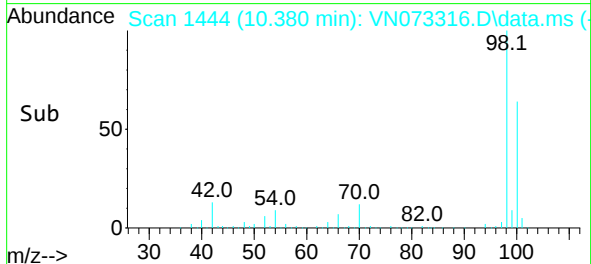
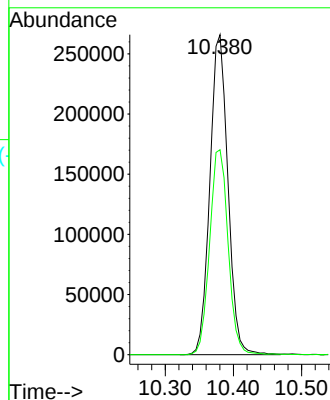
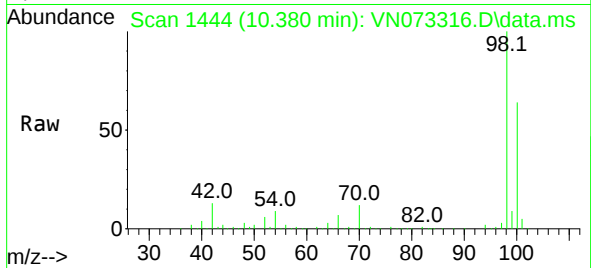




#50
Toluene-d8
Concen: 45.018 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

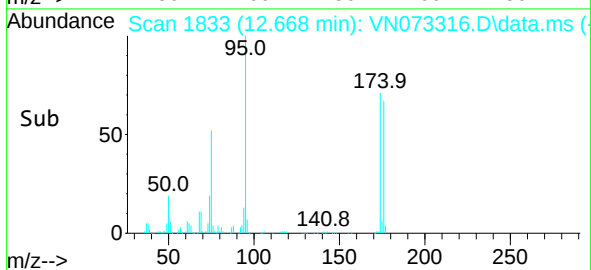
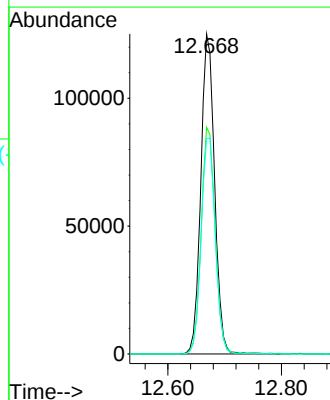
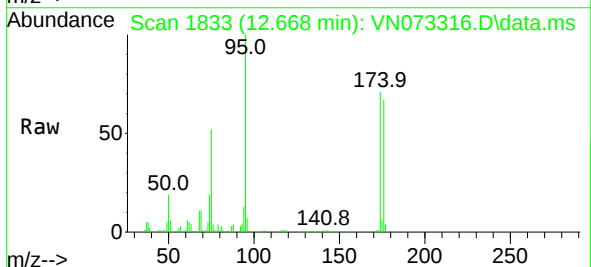
Instrument :
MSVOA_N
ClientSampleId :

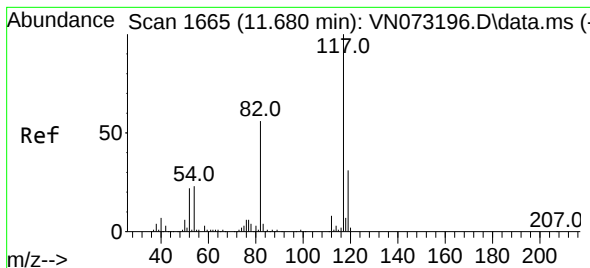
Tgt Ion: 98 Resp: 489339
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.415 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

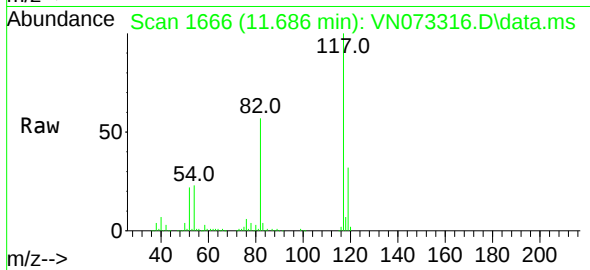
Tgt Ion: 95 Resp: 210593
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 69.2 0.0 163.4



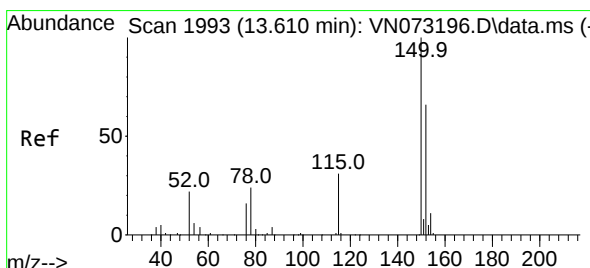
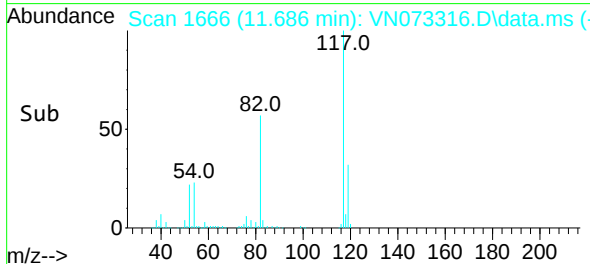
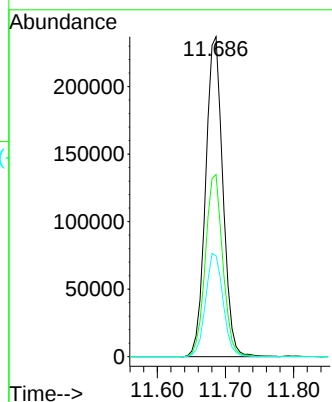


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :

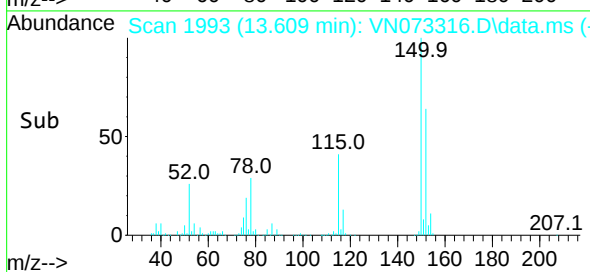
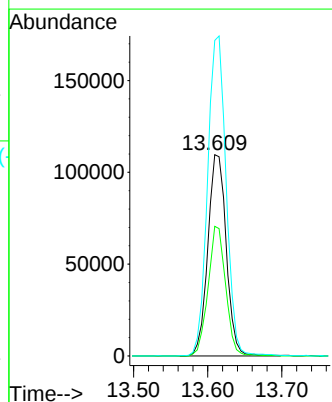
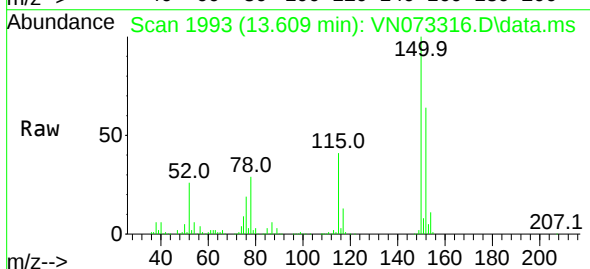


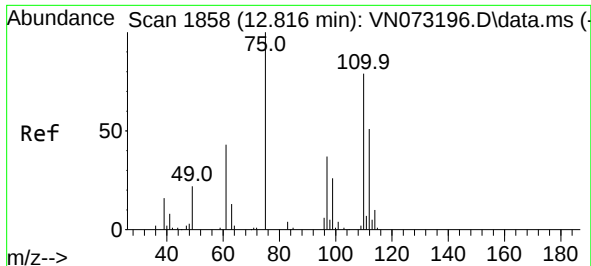
Tgt Ion:117 Resp: 417695
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion:152 Resp: 189360
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 160.1 0.0 356.2

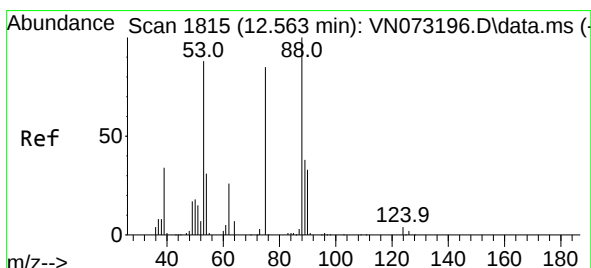
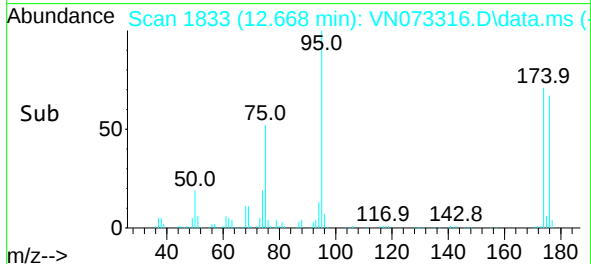
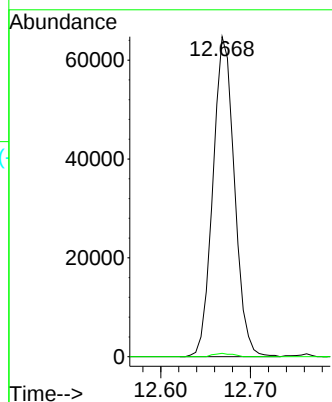
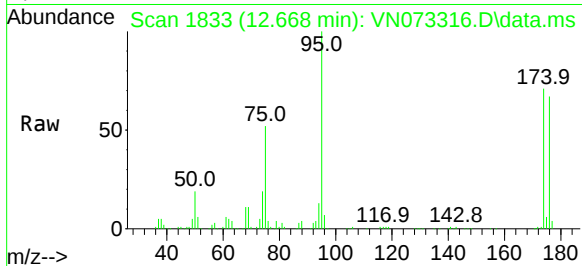




#76
1,2,3-Trichloropropane
Concen: 21.825 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 108064
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.854 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion: 75 Resp: 108064
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

