

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073373.D
 Acq On : 07 Jul 2022 15:57
 Operator : JC\MD
 Sample : N3616-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622

Quant Time: Jul 08 03:02:01 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)

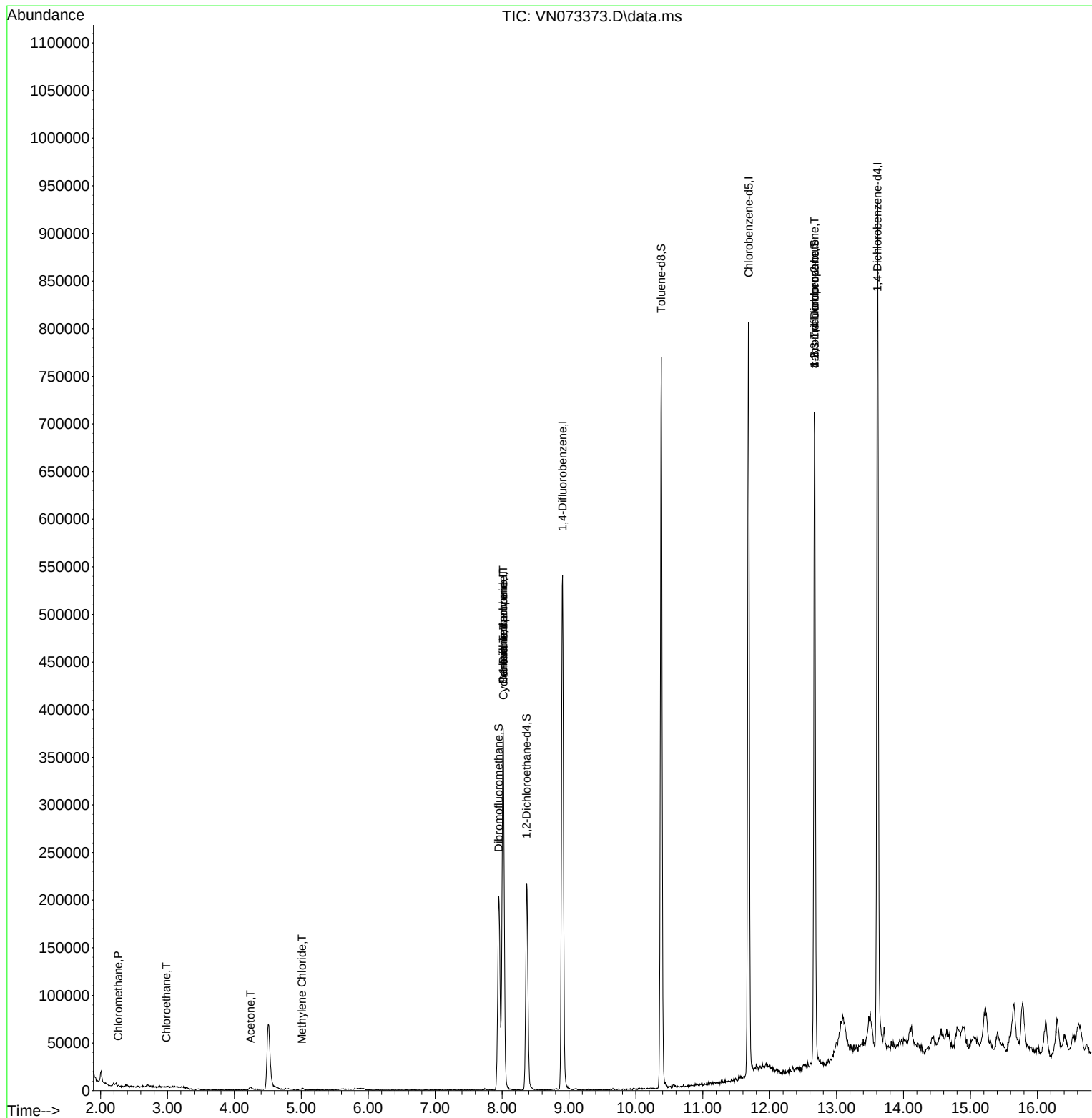
Internal Standards						
1) Pentafluorobenzene	8.016	168	286014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	480273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	459523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182651	44.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.480%		
35) Dibromofluoromethane	7.951	113	151390	47.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.760%		
50) Toluene-d8	10.380	98	515639	45.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.880%		
62) 4-Bromofluorobenzene	12.669	95	240196	55.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	868	0.214	ug/l #	43
6) Chloroethane	2.981	64	569	0.280	ug/l #	42
16) Acetone	4.240	43	5333	2.301	ug/l	100
20) Methylene Chloride	5.010	84	905	0.222	ug/l #	84
31) Cyclohexane	8.022	56	6480	0.958	ug/l #	4
36) 1,1-Dichloropropene	8.016	75	23289	4.737	ug/l #	50
38) Carbon Tetrachloride	8.016	117	30449	5.989	ug/l #	16
76) 1,2,3-Trichloropropane	12.669	75	123436	20.311	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	123436	55.703	ug/l #	11

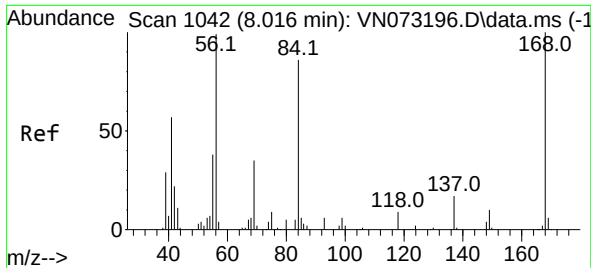
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OW-03B-49-54-070622

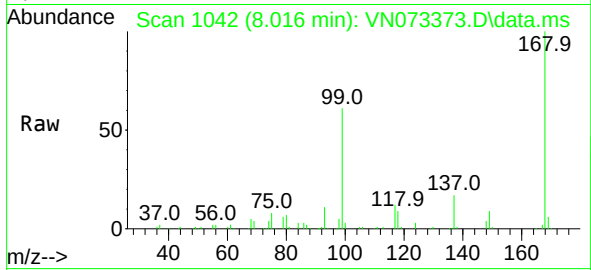
Quant Time: Jul 08 03:02:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



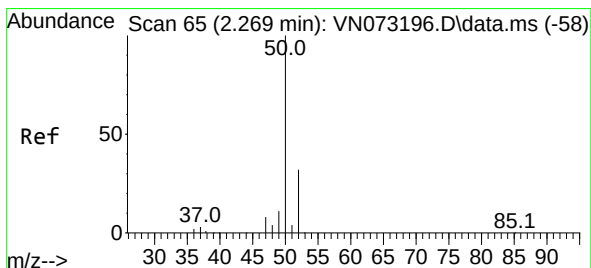
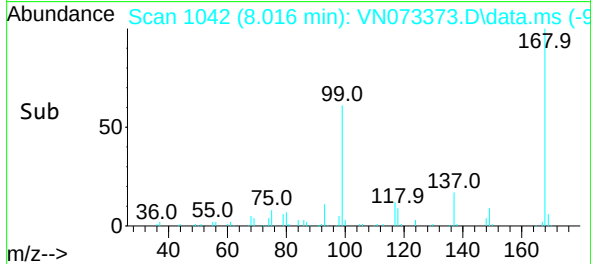
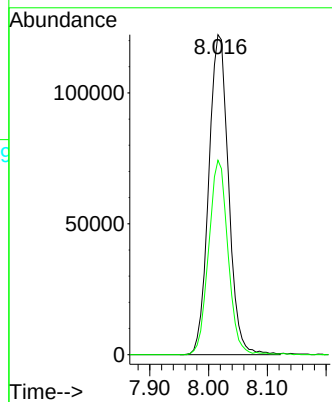


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Instrument :
MSVOA_N
ClientSampleId :
OW-03B-49-54-070622

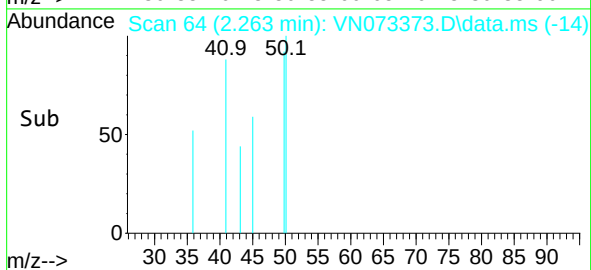
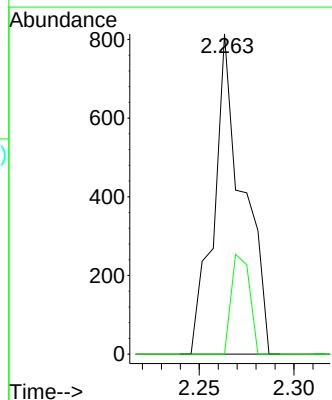
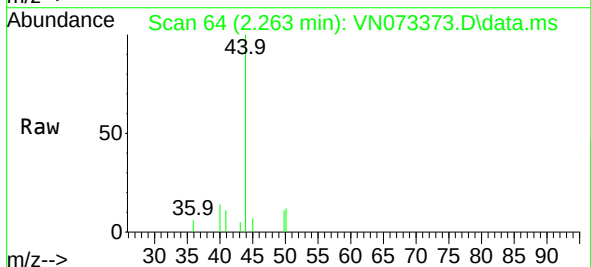


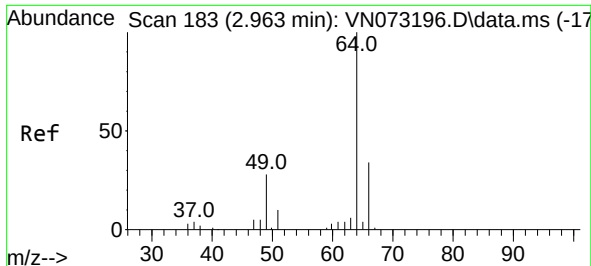
Tgt Ion:168 Resp: 286014
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

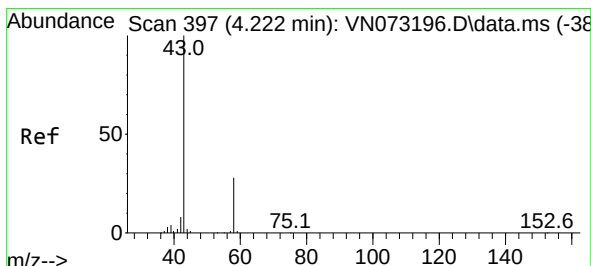
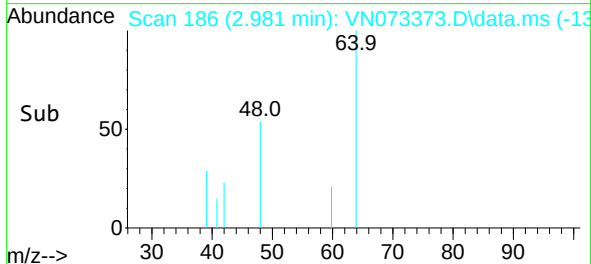
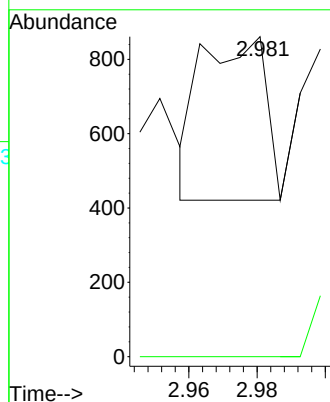
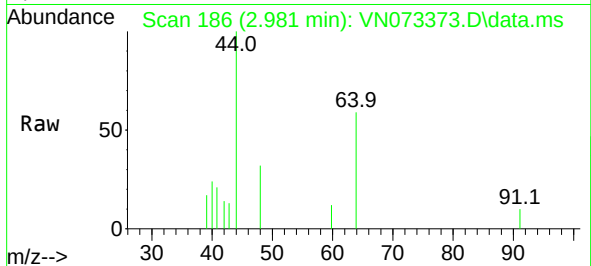




#6
Chloroethane
Concen: 0.280 ug/l
RT: 2.981 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

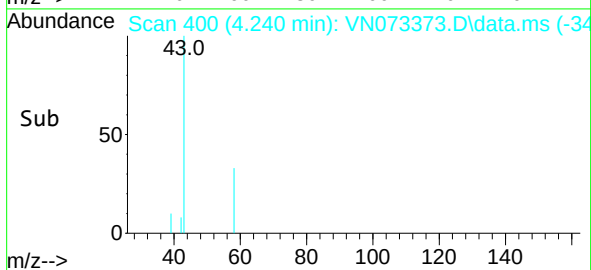
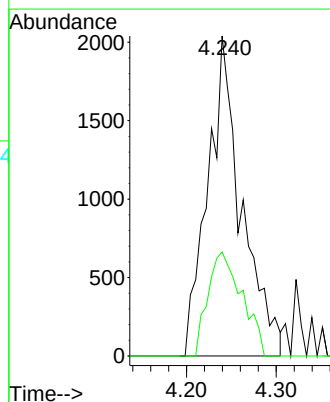
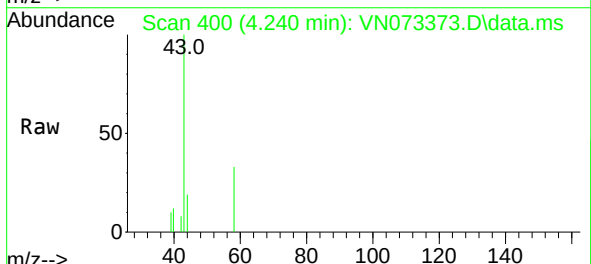
Instrument :
MSVOA_N
ClientSampleId :
OW-03B-49-54-070622

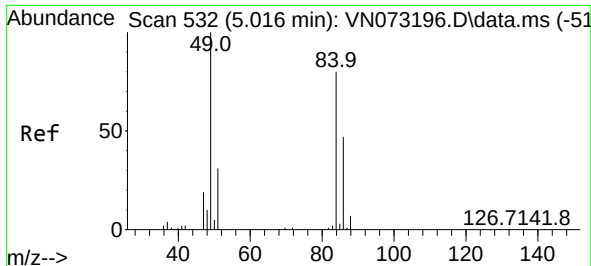
Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.301 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Tgt Ion: 43 Resp: 5333
Ion Ratio Lower Upper
43 100
58 32.5 26.0 39.0

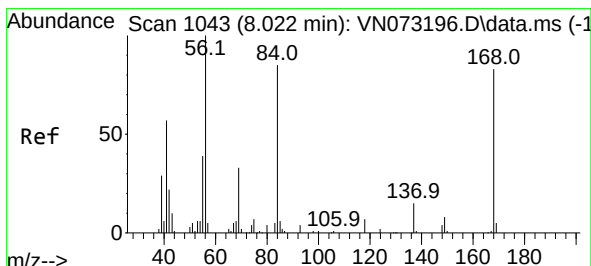
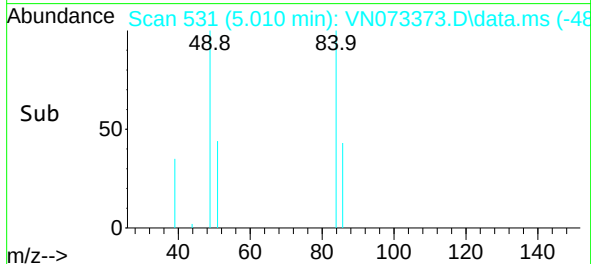
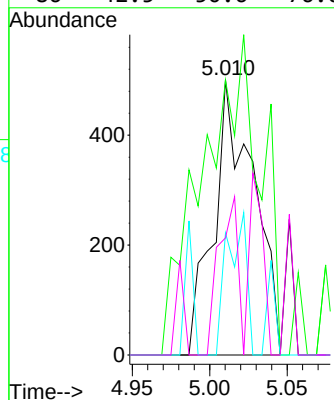
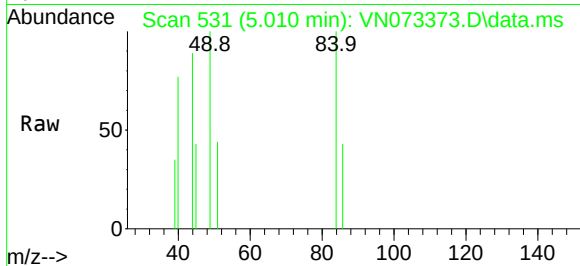




#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

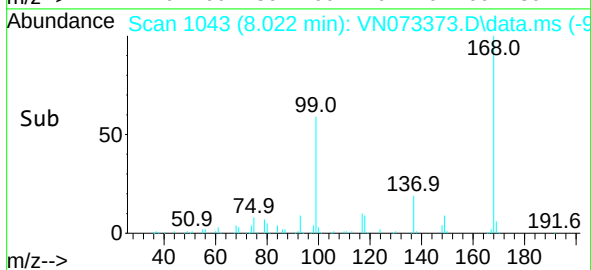
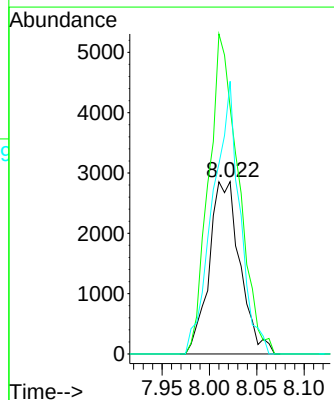
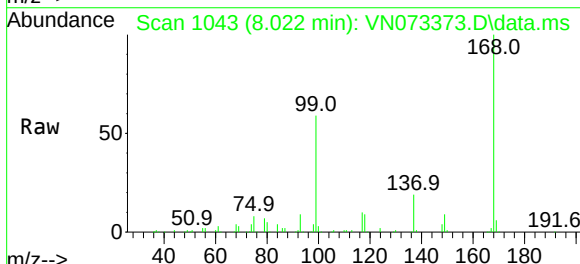
Instrument :
MSVOA_N
ClientSampleId :
OW-03B-49-54-070622

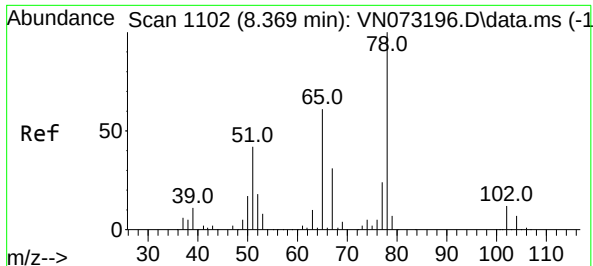
Tgt Ion:	84	Resp:	905
Ion	Ratio	Lower	Upper
84	100		
49	100.0	88.3	132.5
51	44.3	28.2	42.2#
86	42.5	50.6	76.0#



#31
Cyclohexane
Concen: 0.958 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Tgt Ion:	56	Resp:	6480
Ion	Ratio	Lower	Upper
56	100		
69	143.1	27.8	41.8#
84	158.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.237 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073373.D

Acq: 07 Jul 2022 15:57

Instrument :

MSVOA_N

ClientSampleId :

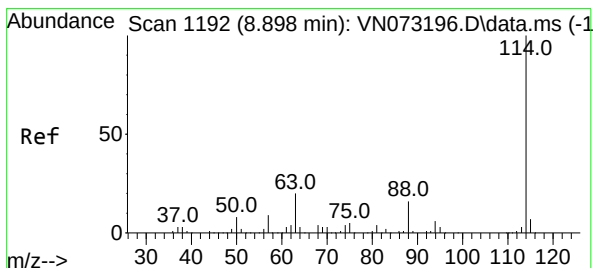
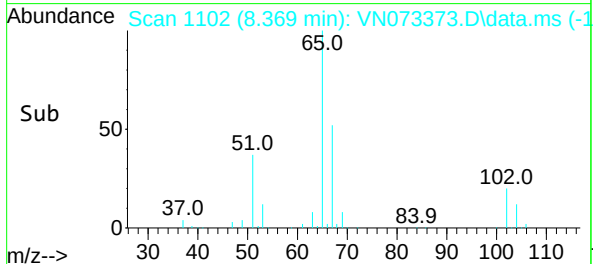
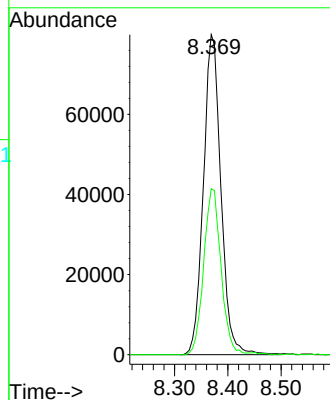
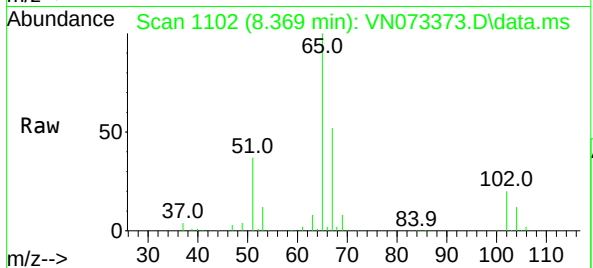
OW-03B-49-54-070622

Tgt Ion: 65 Resp: 182651

Ion Ratio Lower Upper

65 100

67 51.1 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: VN073373.D

Acq: 07 Jul 2022 15:57

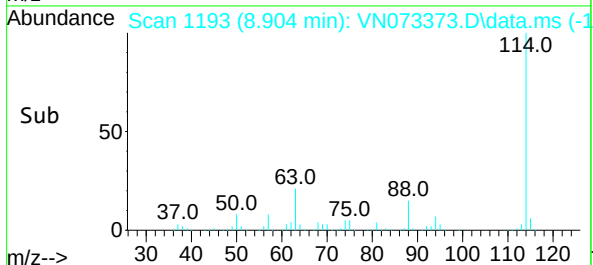
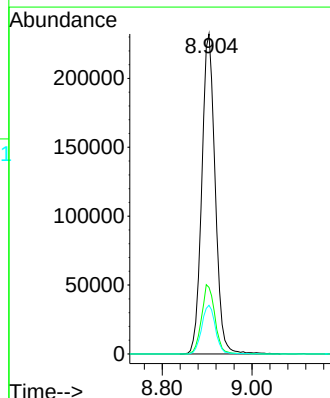
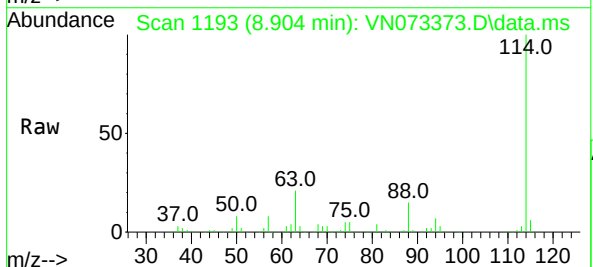
Tgt Ion: 114 Resp: 480273

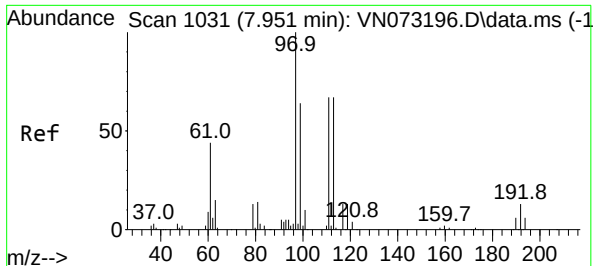
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073373.D

Acq: 07 Jul 2022 15:57

Instrument :

MSVOA_N

ClientSampleId :

OW-03B-49-54-070622

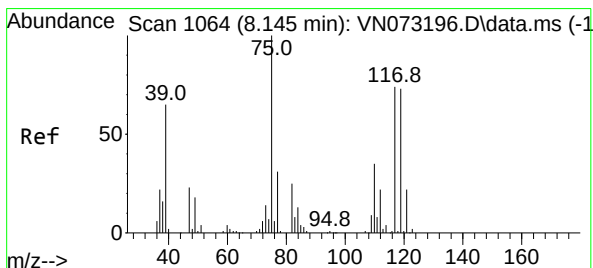
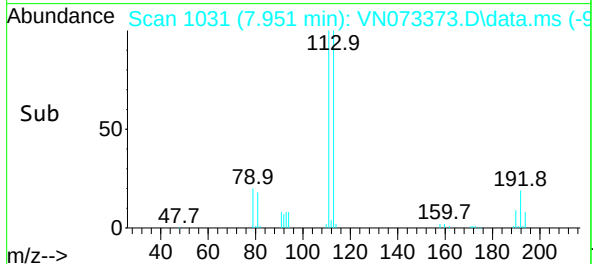
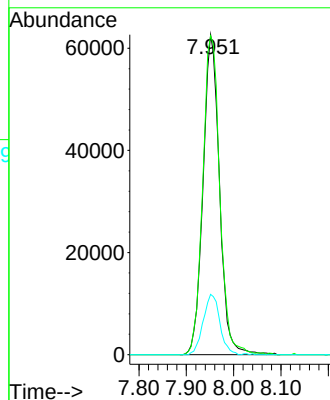
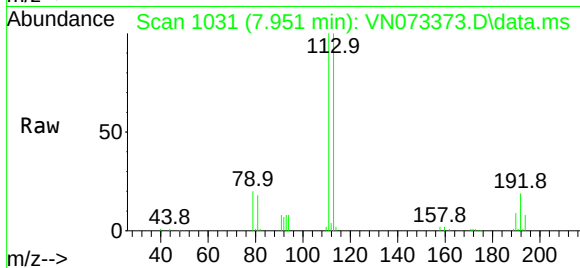
Tgt Ion:113 Resp: 151390

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.737 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073373.D

Acq: 07 Jul 2022 15:57

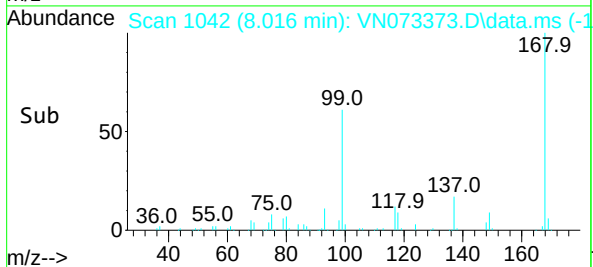
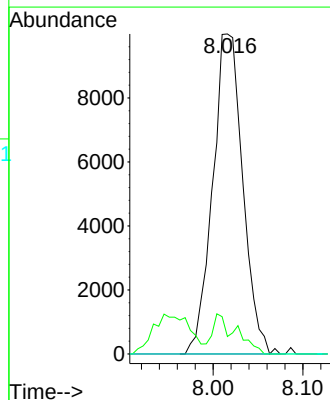
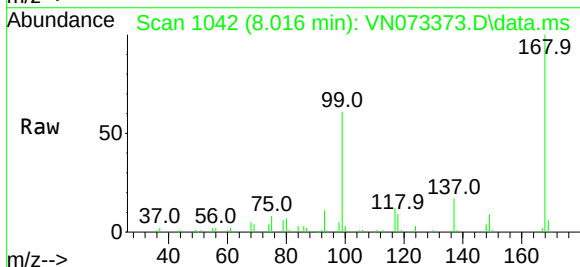
Tgt Ion: 75 Resp: 23289

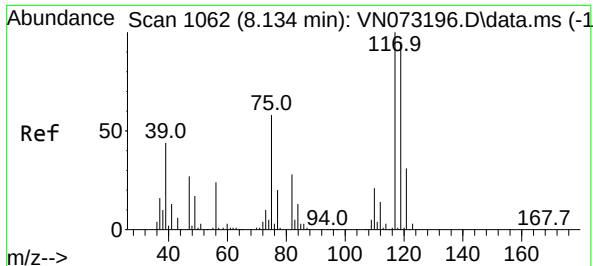
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

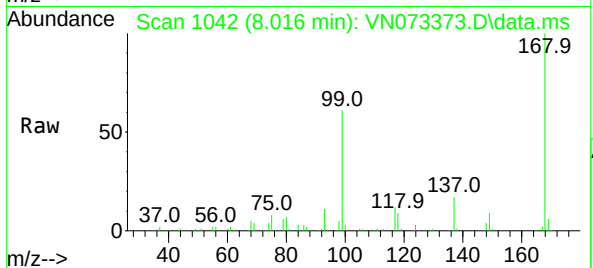
77 0.0 25.1 37.7#



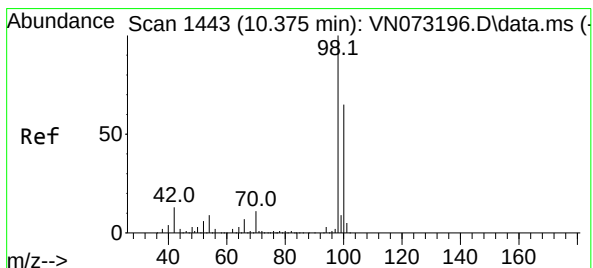
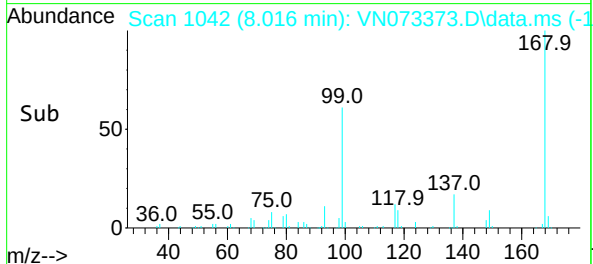
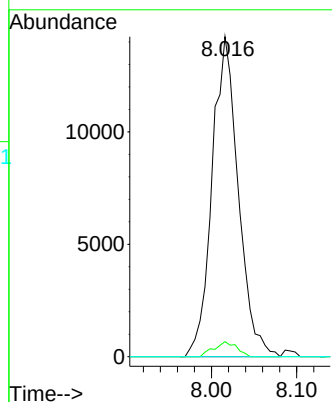


#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Instrument :
MSVOA_N
ClientSampleId :
OW-03B-49-54-070622

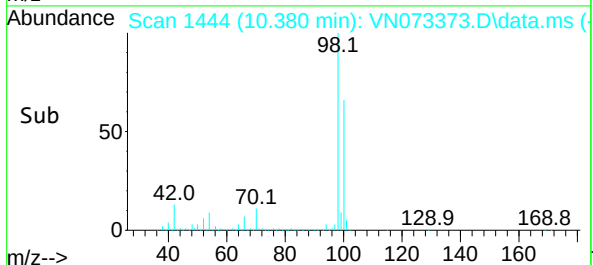
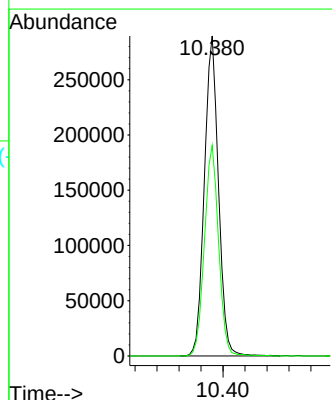
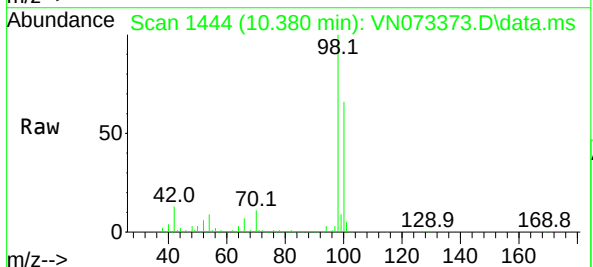


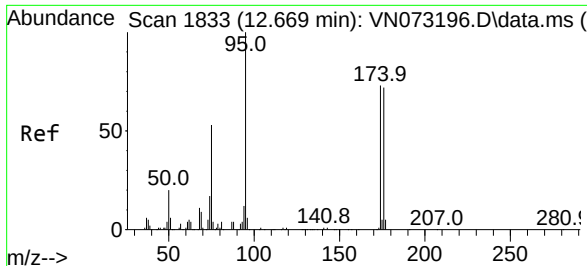
Tgt Ion:117 Resp: 30449
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.436 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Tgt Ion: 98 Resp: 515639
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

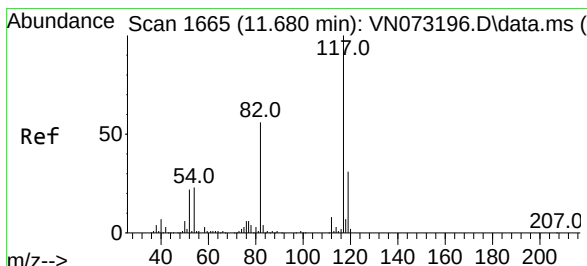
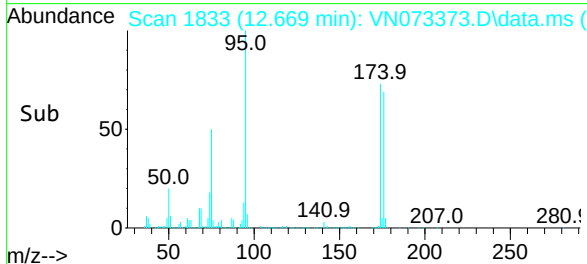
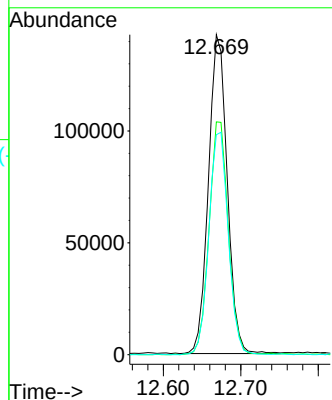
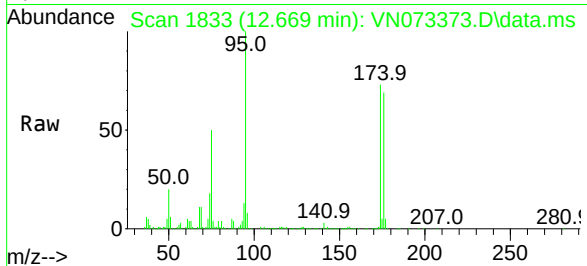




#62
4-Bromofluorobenzene
Concen: 55.075 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

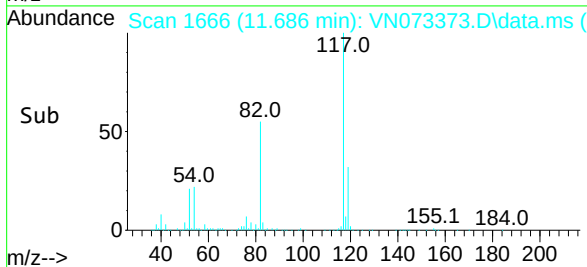
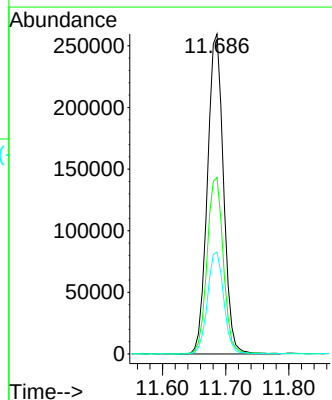
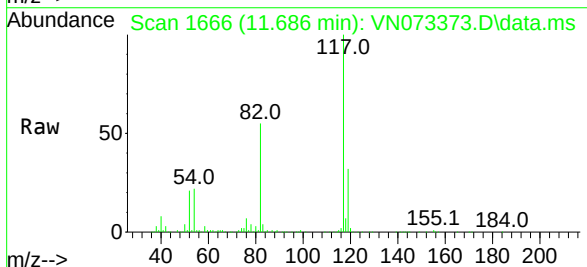
Instrument :
MSVOA_N
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OW-03B-49-54-070622

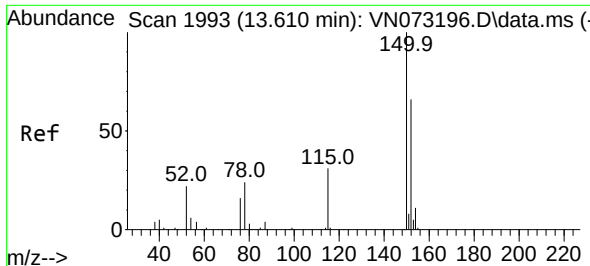
Tgt Ion: 95 Resp: 240196
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073373.D
Acq: 07 Jul 2022 15:57

Tgt Ion: 117 Resp: 459523
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.9 25.4 38.0

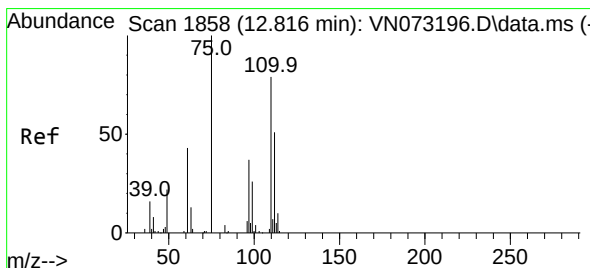
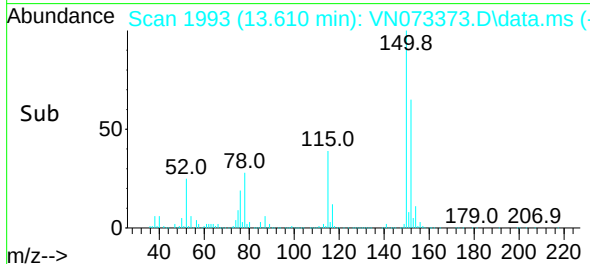
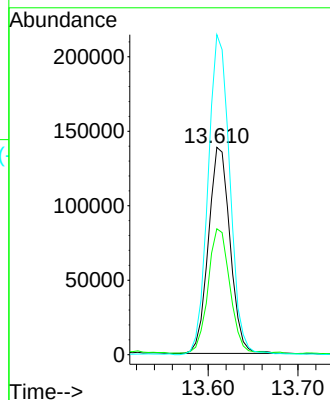
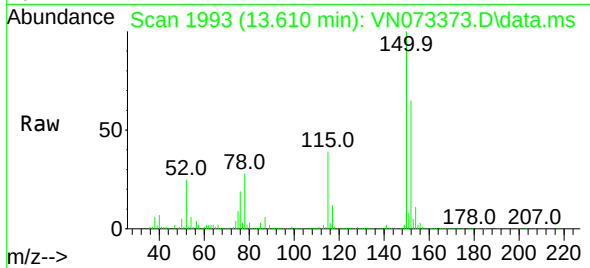




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073373.D
 Acq: 07 Jul 2022 15:57

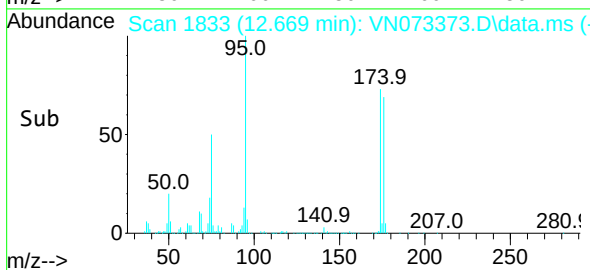
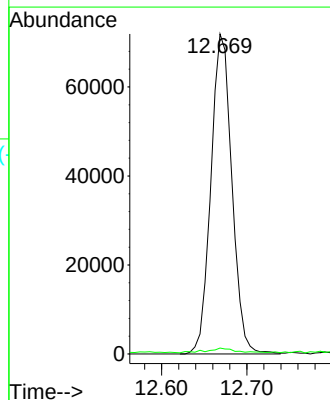
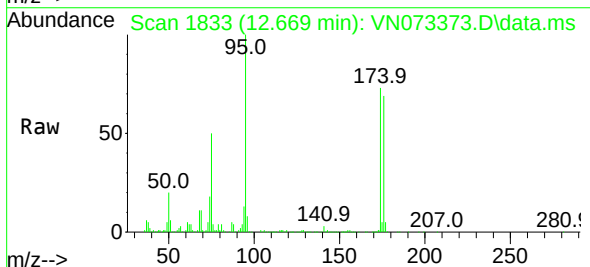
Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622

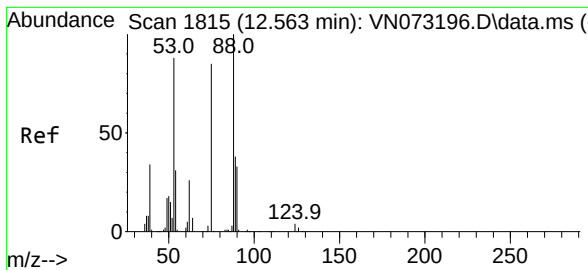
Tgt Ion:152 Resp: 232414
 Ion Ratio Lower Upper
 152 100
 115 61.6 28.9 86.7
 150 156.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.311 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073373.D
 Acq: 07 Jul 2022 15:57

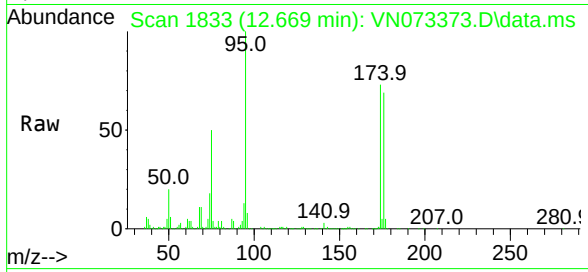
Tgt Ion: 75 Resp: 123436
 Ion Ratio Lower Upper
 75 100
 77 2.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.703 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073373.D
 Acq: 07 Jul 2022 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622



Tgt Ion: 75 Resp: 123436
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.5 37.2 55.8#

