

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074326.D
 Acq On : 03 Sep 2022 18:57
 Operator : JC\MD
 Sample : N4360-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20220824

Quant Time: Sep 05 05:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

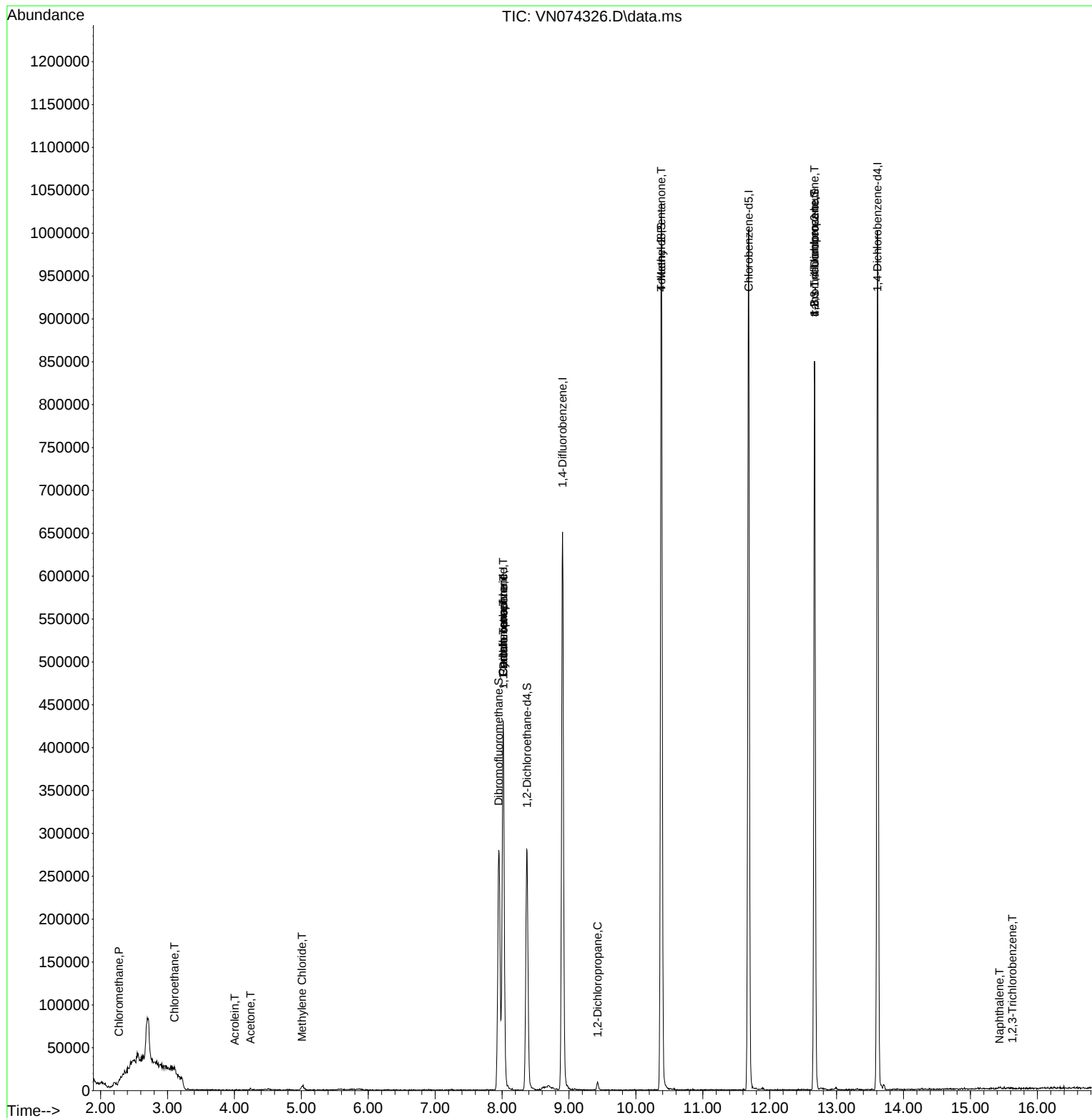
Internal Standards						
1) Pentafluorobenzene	8.016	168	304381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	563058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	549997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	228851	48.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	7.951	113	202346	54.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.460%
50) Toluene-d8	10.380	98	693474	47.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.669	95	254729	47.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	1157	0.278	ug/l	94
6) Chloroethane	3.104	64	15062	2.471	ug/l #	46
13) Acrolein	4.004	56	189	0.326	ug/l #	16
16) Acetone	4.240	43	2111	1.065	ug/l	94
20) Methylene Chloride	5.010	84	4161	0.506	ug/l #	83
31) Cyclohexane	8.016	56	8483	1.339	ug/l #	43
36) 1,1-Dichloropropene	8.022	75	27362	5.167	ug/l #	47
38) Carbon Tetrachloride	8.016	117	33011	6.171	ug/l #	19
45) 1,2-Dichloropropane	9.428	63	3095	0.745	ug/l #	82
51) 4-Methyl-2-Pentanone	10.380	43	3503	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	150604	21.051	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	150604	68.337	ug/l #	10
95) Naphthalene	15.433	128	1396	0.839	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.627	180	167	0.447	ug/l #	40

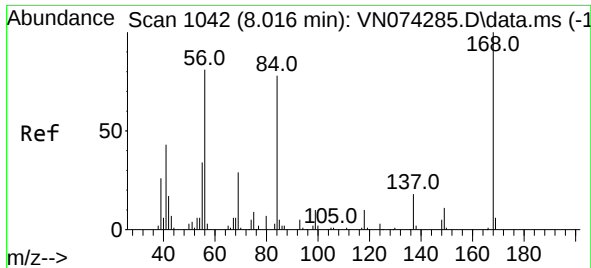
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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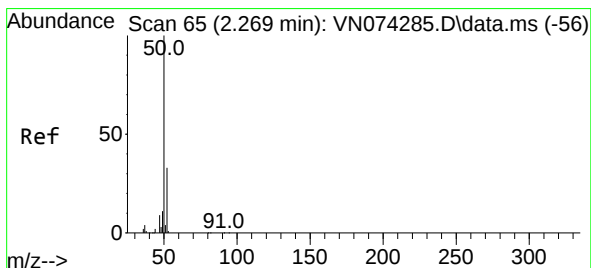
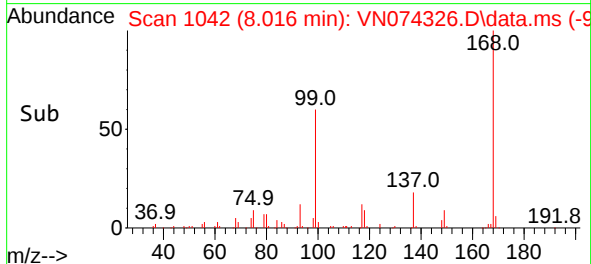
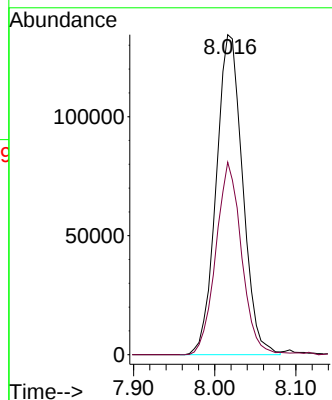
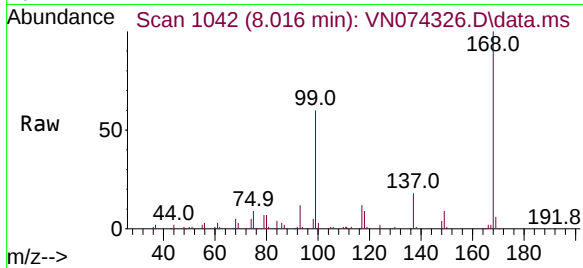




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

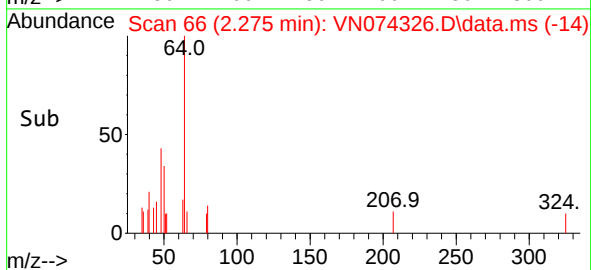
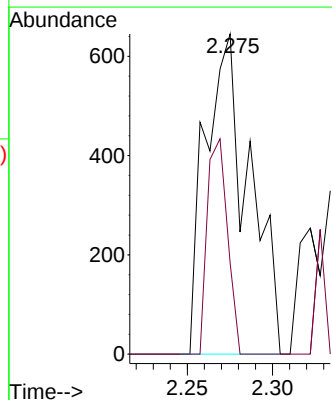
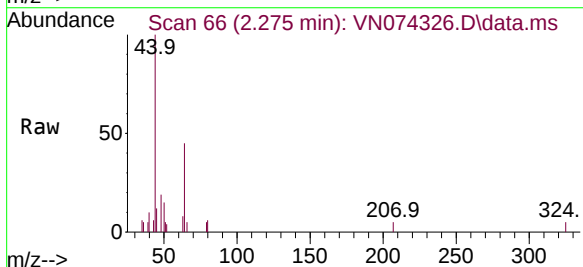
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

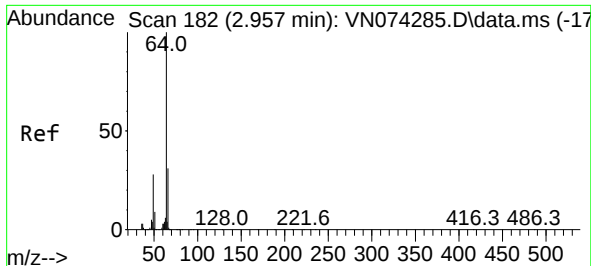
Tgt Ion:168 Resp: 304381
Ion Ratio Lower Upper
168 100
99 60.1 42.3 63.5



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 50 Resp: 1157
Ion Ratio Lower Upper
50 100
52 28.5 25.7 38.5

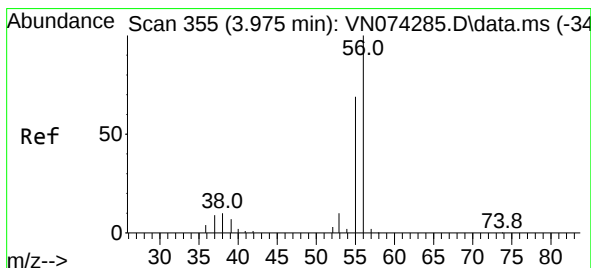
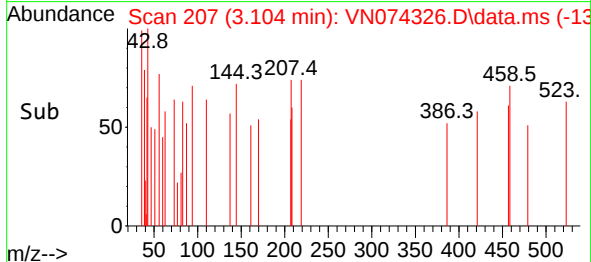
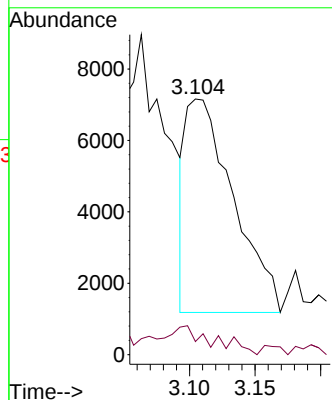
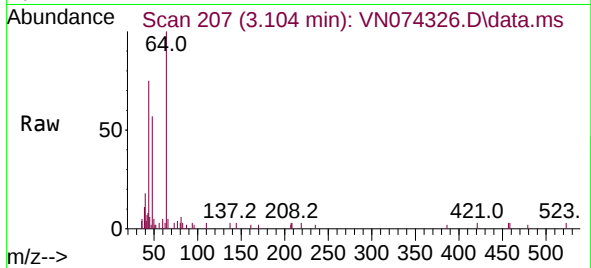




#6
Chloroethane
Concen: 2.471 ug/l
RT: 3.104 min Scan# 20
Delta R.T. 0.153 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

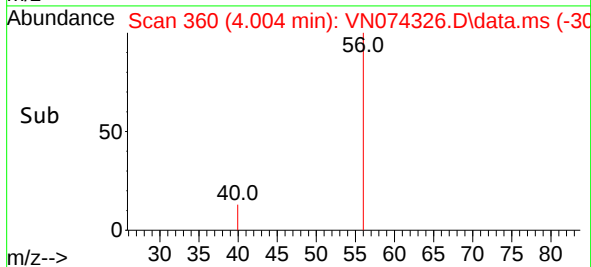
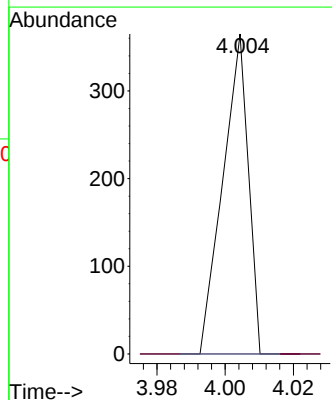
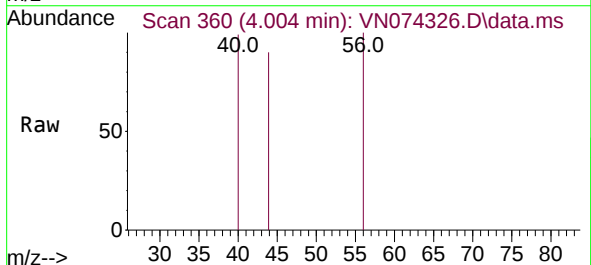
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

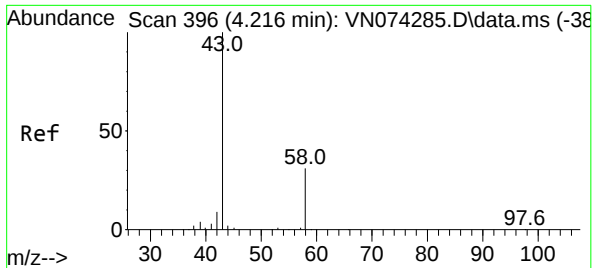
Tgt Ion: 64 Resp: 15062
Ion Ratio Lower Upper
64 100
66 2.5 26.2 39.4#



#13
Acrolein
Concen: 0.326 ug/l
RT: 4.004 min Scan# 360
Delta R.T. 0.029 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#





#16

Acetone

Concen: 1.065 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

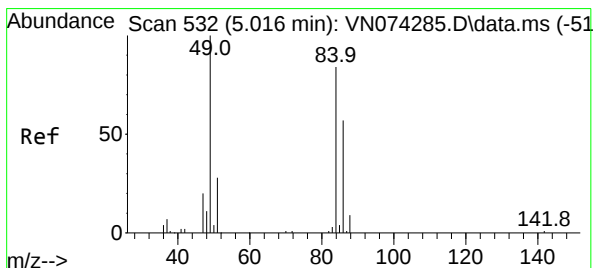
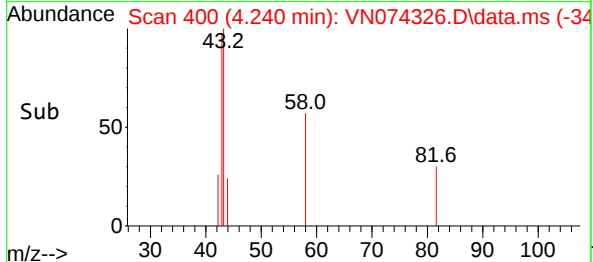
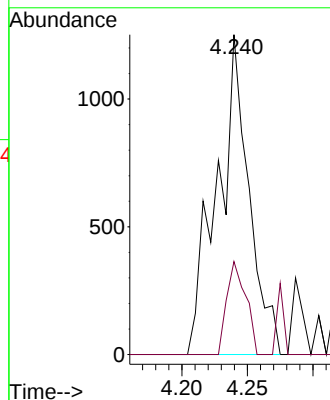
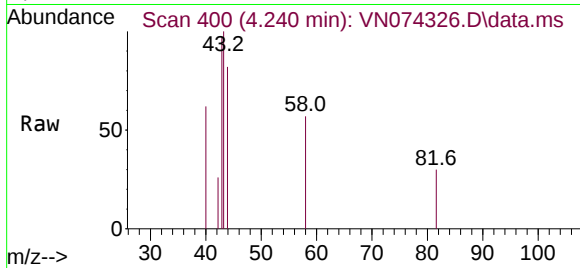
RE135D2-20220824

Tgt Ion: 43 Resp: 2111

Ion Ratio Lower Upper

43 100

58 29.1 26.0 39.0



#20

Methylene Chloride

Concen: 0.506 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

Tgt Ion: 84 Resp: 4161

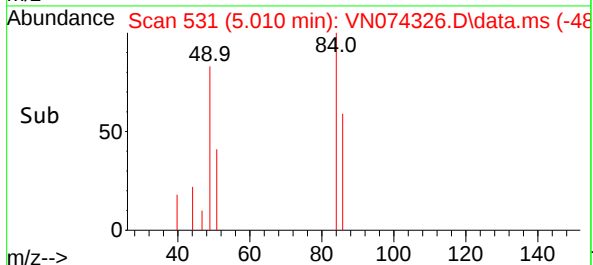
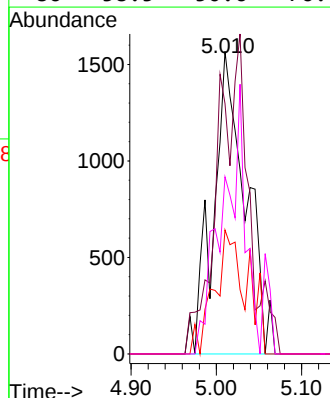
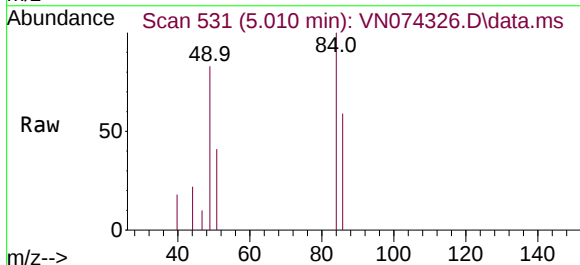
Ion Ratio Lower Upper

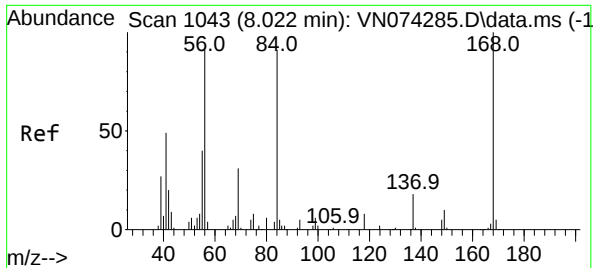
84 100

49 82.7 88.3 132.5#

51 40.9 28.2 42.2

86 58.5 50.6 76.0

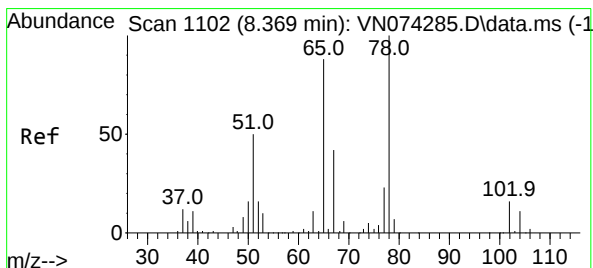
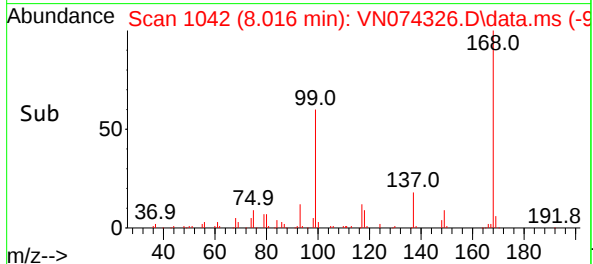
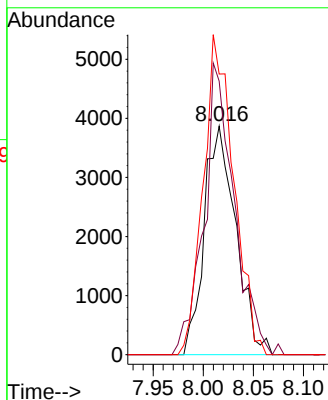
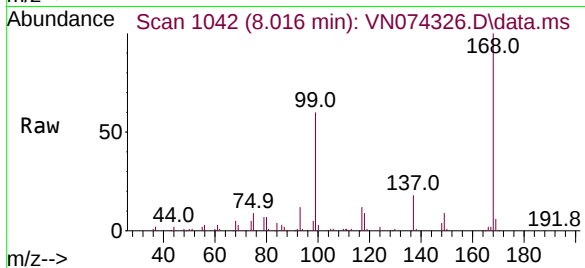




#31
Cyclohexane
Concen: 1.339 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

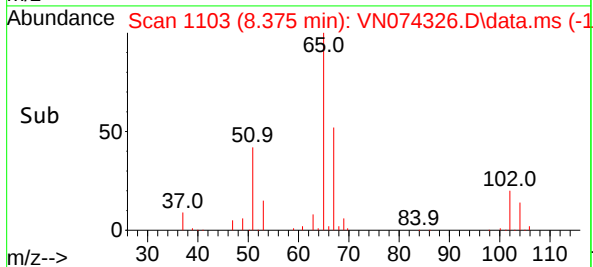
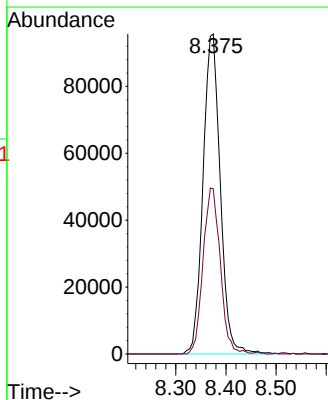
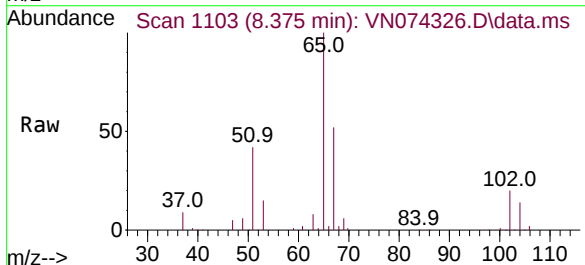
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

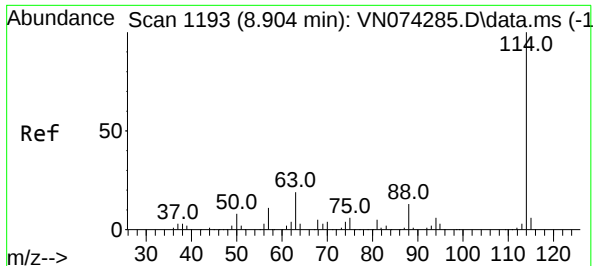
Tgt Ion: 56 Resp: 8483
Ion Ratio Lower Upper
56 100
69 115.2 27.8 41.8#
84 122.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.232 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 65 Resp: 228851
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20220824

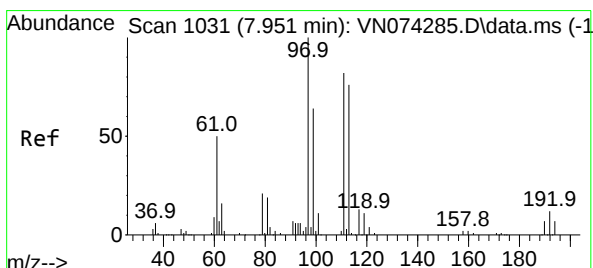
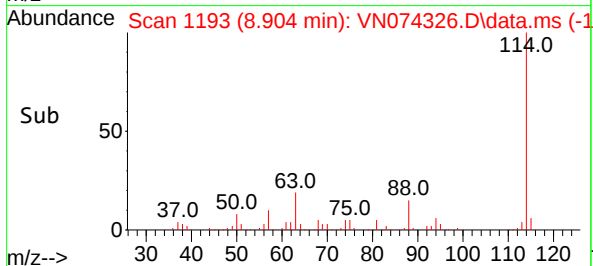
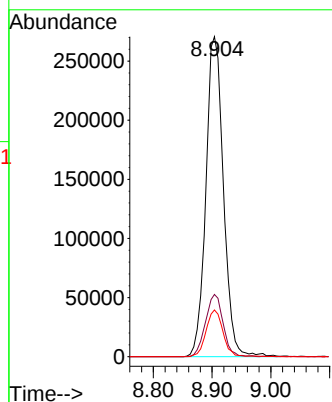
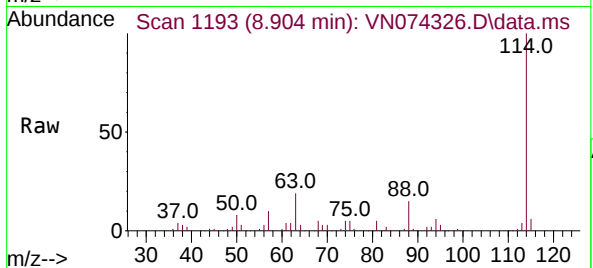
Tgt Ion:114 Resp: 563058

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.232 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

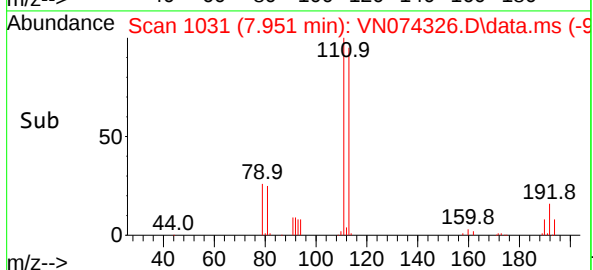
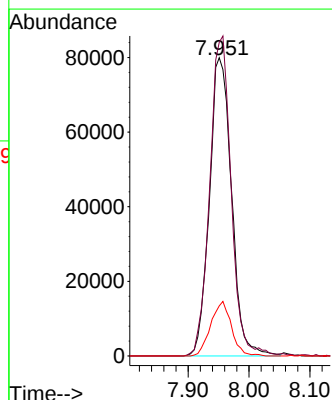
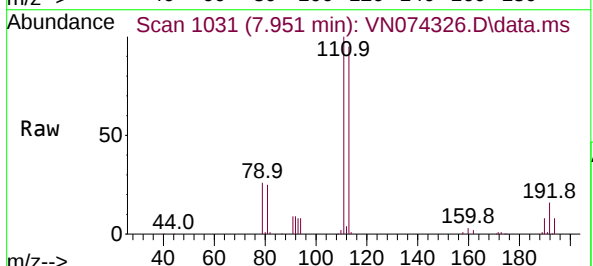
Tgt Ion:113 Resp: 202346

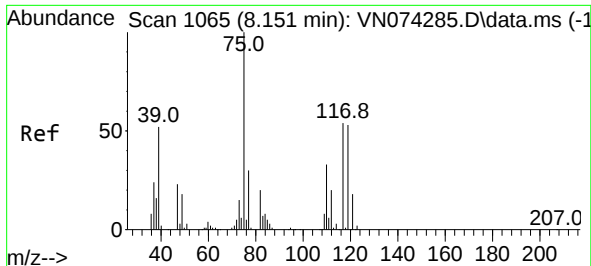
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.1 17.0 25.6

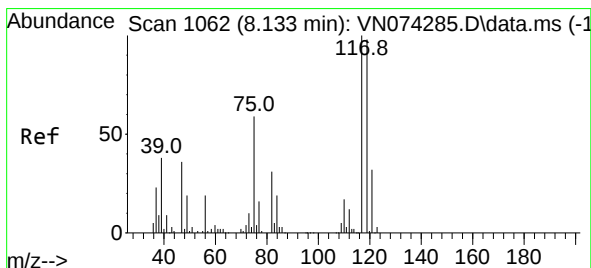
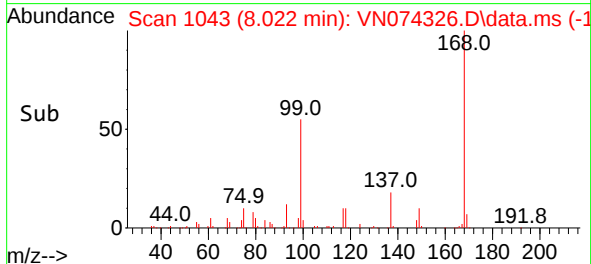
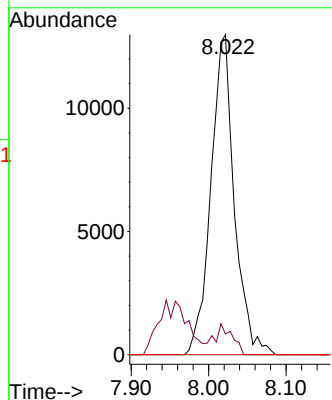
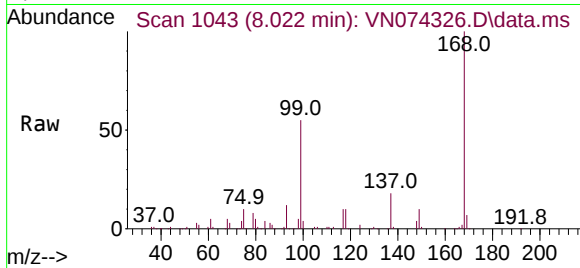




#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.135 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

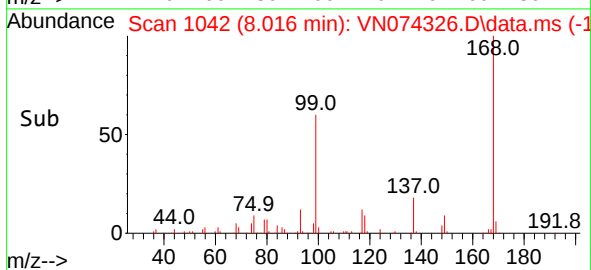
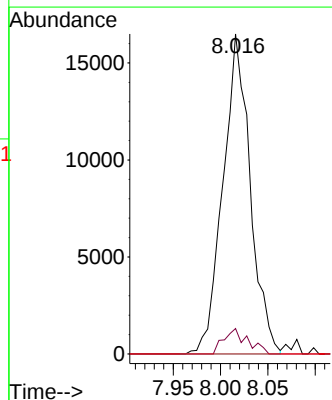
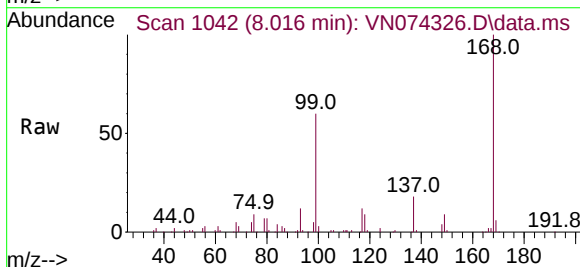
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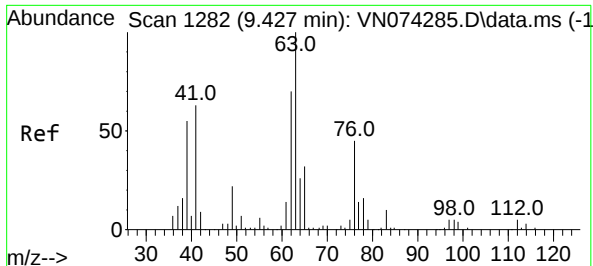
Tgt Ion: 75 Resp: 27362
Ion Ratio Lower Upper
75 100
110 7.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 117 Resp: 33011
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.8#
121 0.0 24.6 37.0#





#45

1,2-Dichloropropane

Concen: 0.745 ug/l

RT: 9.428 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

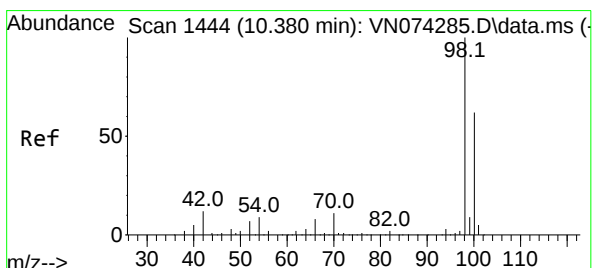
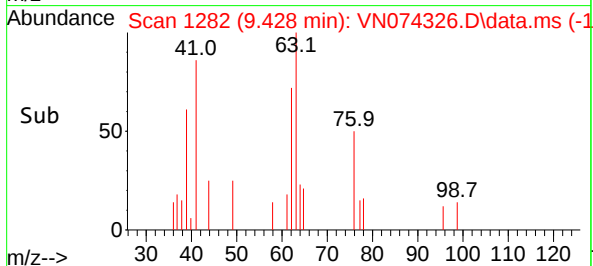
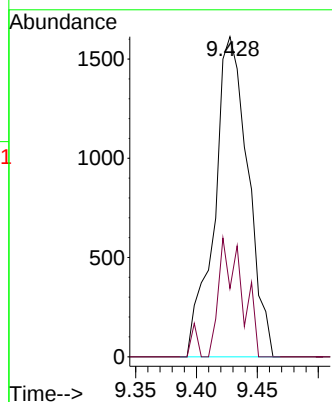
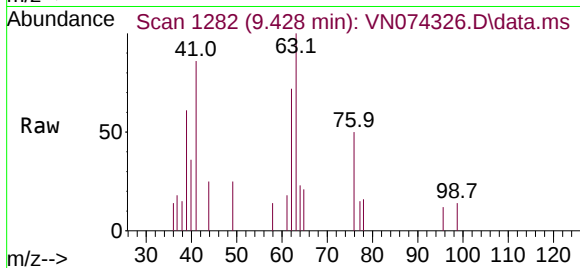
RE135D2-20220824

Tgt Ion: 63 Resp: 3095

Ion Ratio Lower Upper

63 100

65 21.3 24.9 37.3#



#50

Toluene-d8

Concen: 47.135 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074326.D

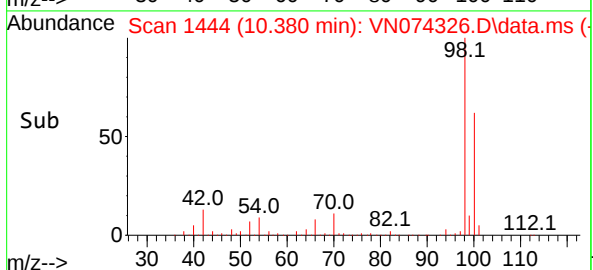
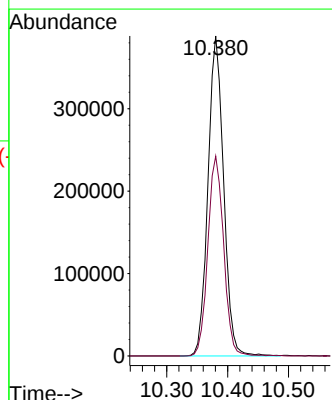
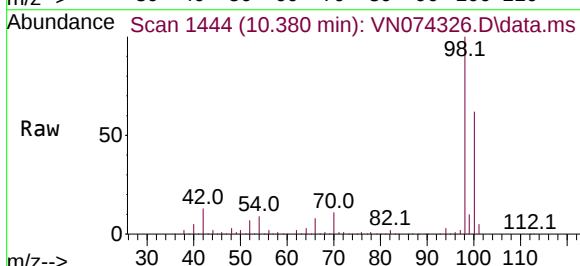
Acq: 03 Sep 2022 18:57

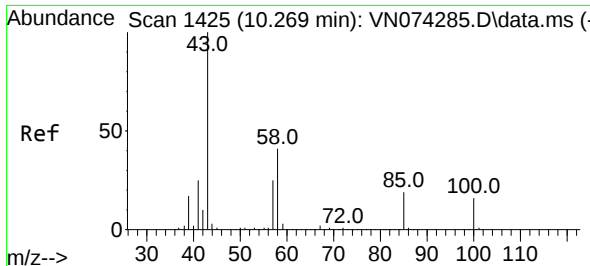
Tgt Ion: 98 Resp: 693474

Ion Ratio Lower Upper

98 100

100 63.2 52.6 78.8

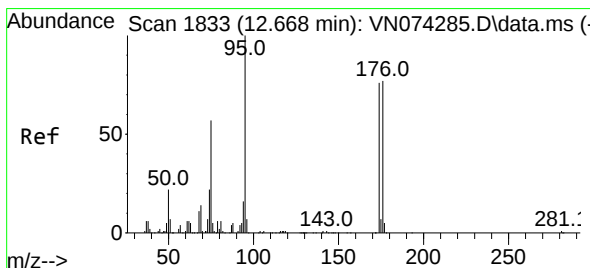
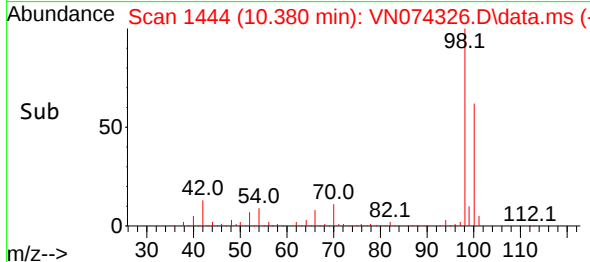
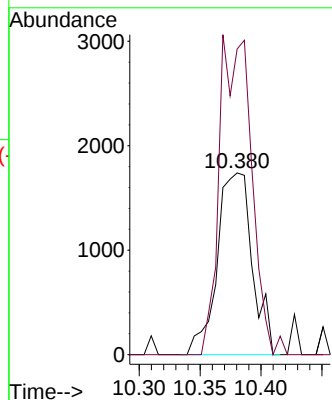
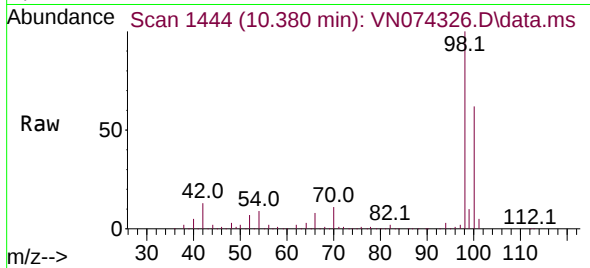




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 10.380 min Scan# 1425
Delta R.T. 0.105 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

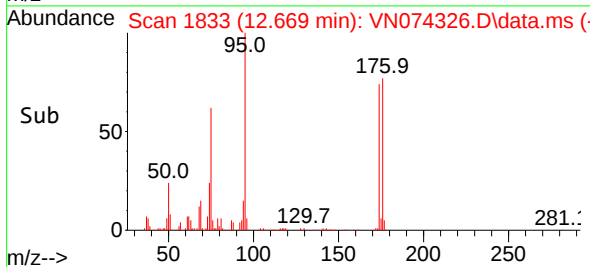
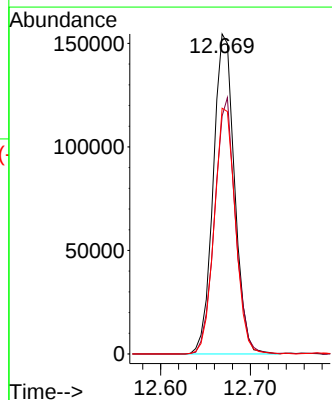
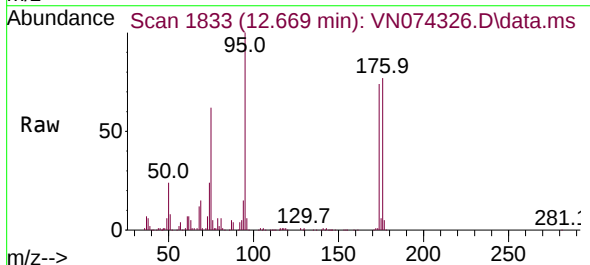
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

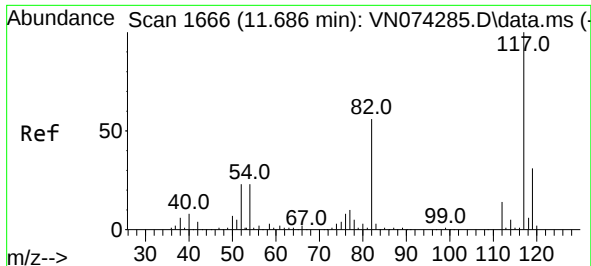
Tgt Ion: 43 Resp: 3503
Ion Ratio Lower Upper
43 100
58 159.9 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 47.469 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 95 Resp: 254729
Ion Ratio Lower Upper
95 100
174 78.1 0.0 167.6
176 76.3 0.0 163.4

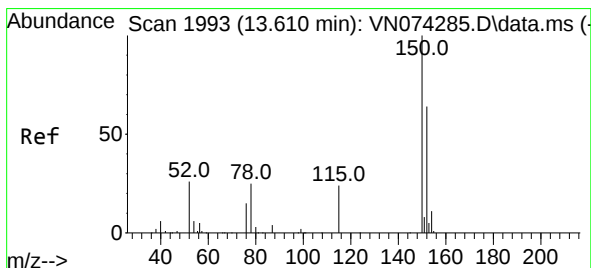
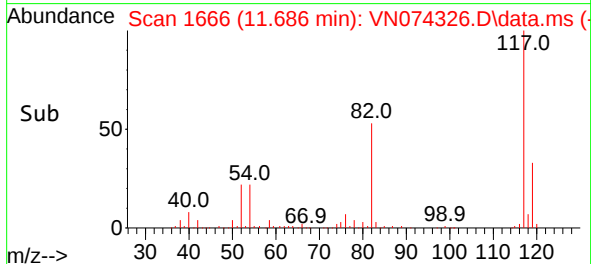
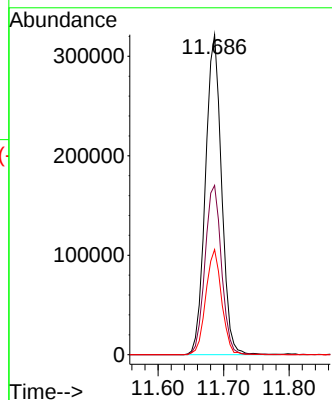
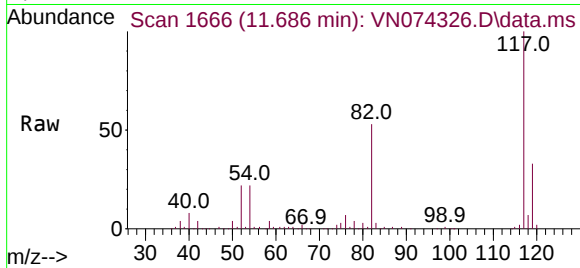




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

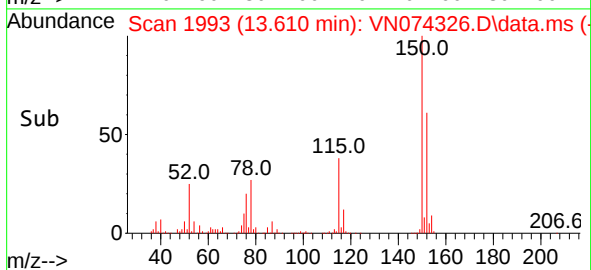
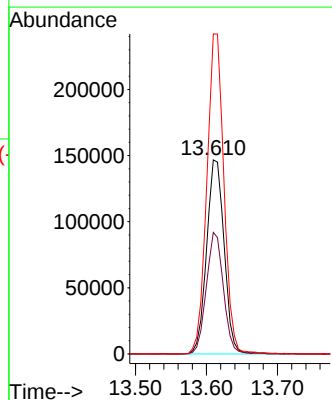
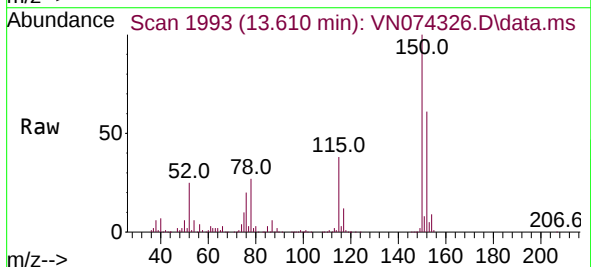
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

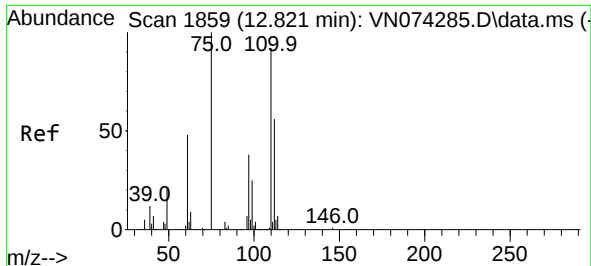
Tgt Ion:117 Resp: 549997
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion:152 Resp: 252603
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 160.5 0.0 356.2

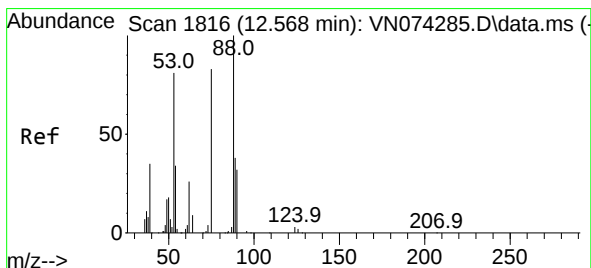
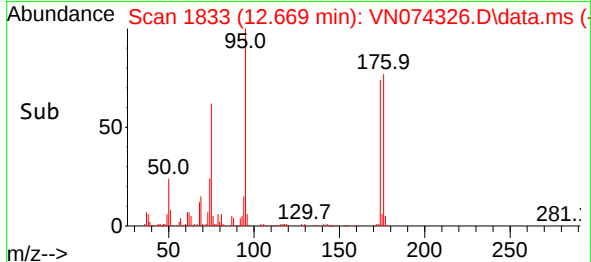
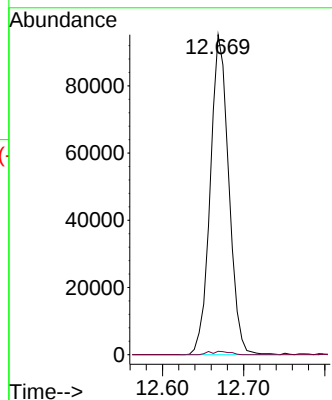
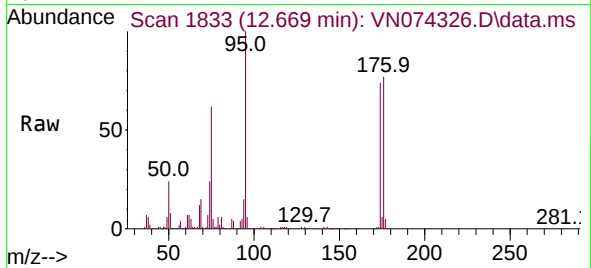




#76
1,2,3-Trichloropropane
Concen: 21.051 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

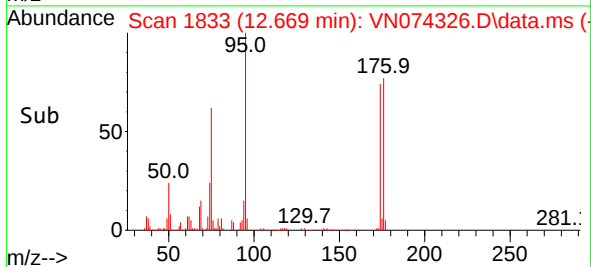
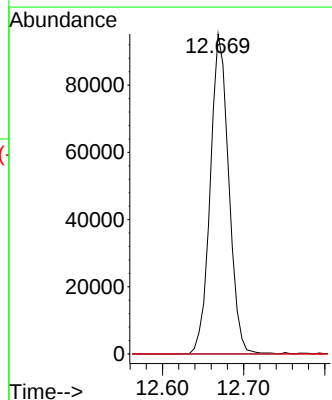
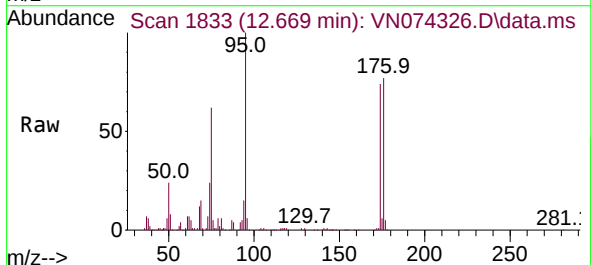
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

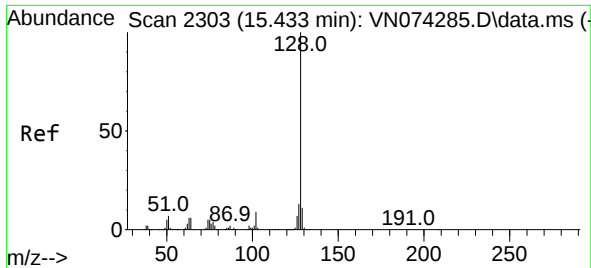
Tgt Ion: 75 Resp: 150604
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.337 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 75 Resp: 150604
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

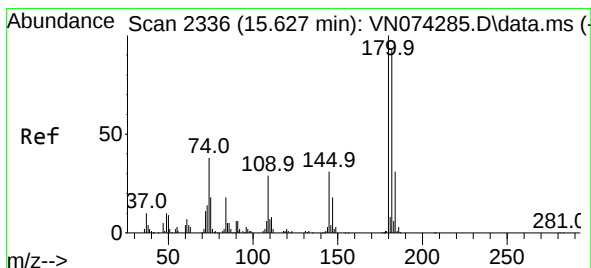
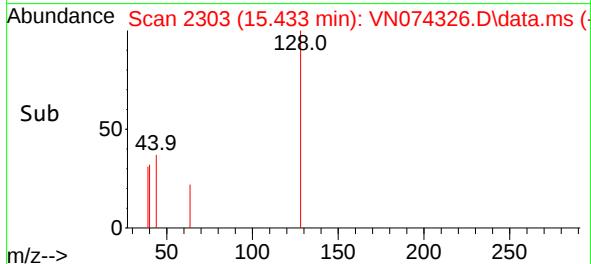
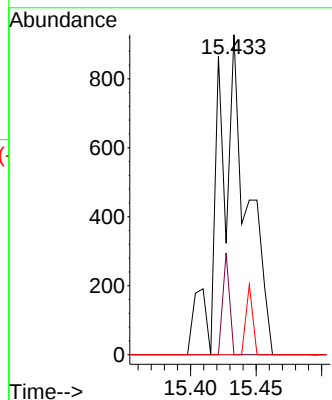
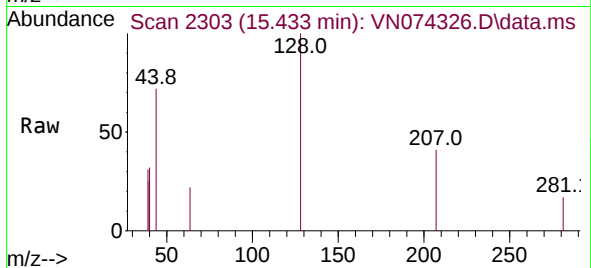




#95
Naphthalene
Concen: 0.839 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

Tgt Ion:128 Resp: 1396
Ion Ratio Lower Upper
128 100
127 7.4 10.3 15.5#
129 5.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.447 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion:180 Resp: 167
Ion Ratio Lower Upper
180 100
182 35.9 47.8 143.3#
145 0.0 15.5 46.5#

