

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074244.D
 Acq On : 01 Sep 2022 15:54
 Operator : JC\MD
 Sample : N4446-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 05:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

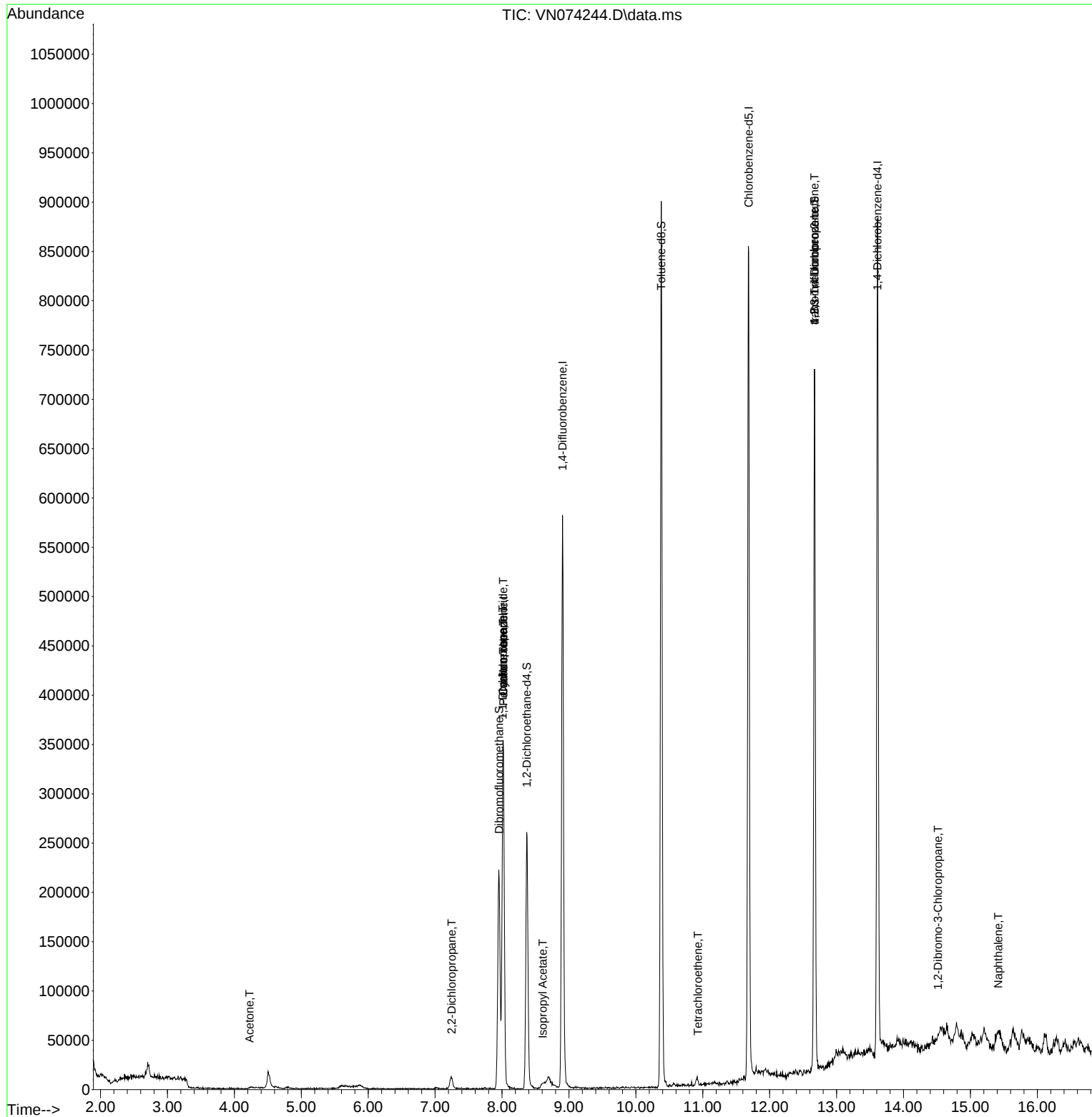
Internal Standards						
1) Pentafluorobenzene	8.022	168	261341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	477863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	455170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194455	47.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	7.957	113	158989	51.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	10.381	98	570357	46.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.669	95	224662	60.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.660%
Target Compounds						
					Qvalue	
6) Chloroethane	2.934	64	1047	Below Cal	#	42
11) Tert butyl alcohol	5.293	59	429	Below Cal	#	72
16) Acetone	4.228	43	1745	0.644	ug/l #	83
18) Methyl Acetate	4.781	43	1455	Below Cal	#	75
26) 2,2-Dichloropropane	7.245	77	446	0.368	ug/l #	53
28) Bromochloromethane	7.751	49	65	Below Cal	#	8
31) Cyclohexane	8.016	56	7526	1.124	ug/l #	36
36) 1,1-Dichloropropene	8.010	75	23117	4.582	ug/l #	49
38) Carbon Tetrachloride	8.016	117	25586	5.586	ug/l #	15
43) Isopropyl Acetate	8.610	43	5716	0.504	ug/l #	56
64) Tetrachloroethene	10.928	164	1474	0.447	ug/l #	47
76) 1,2,3-Trichloropropane	12.669	75	129840	25.355	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	129840	65.328	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.516	75	321	0.219	ug/l #	1
95) Naphthalene	15.415	128	666	1.193	ug/l #	1

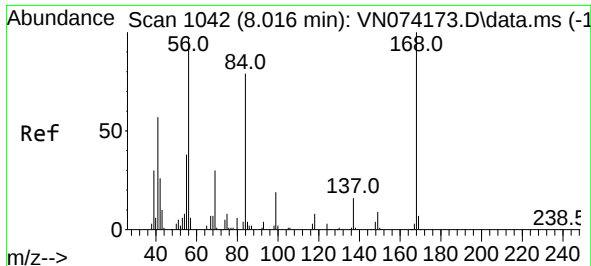
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

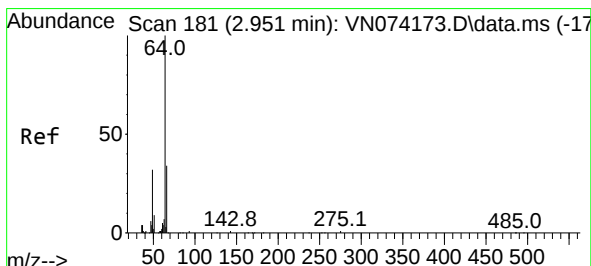
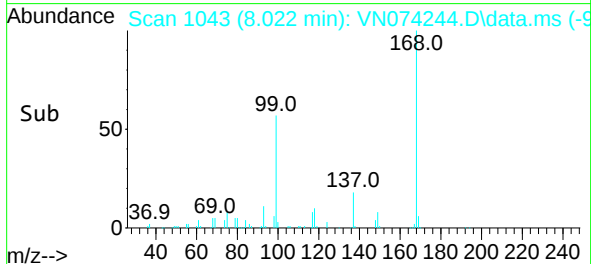
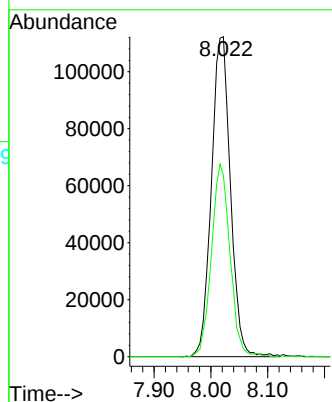
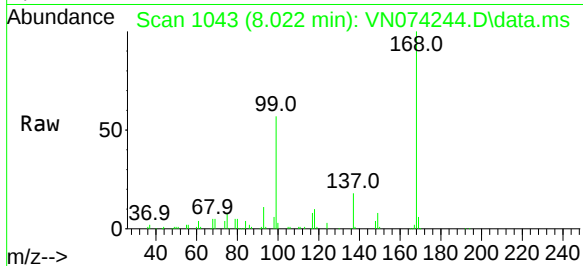




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

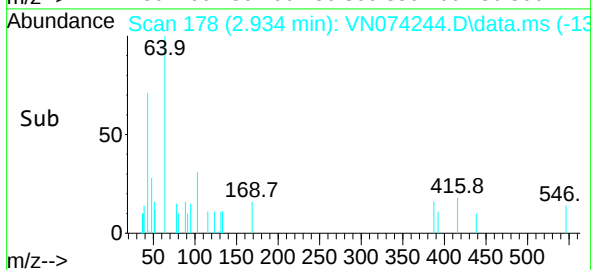
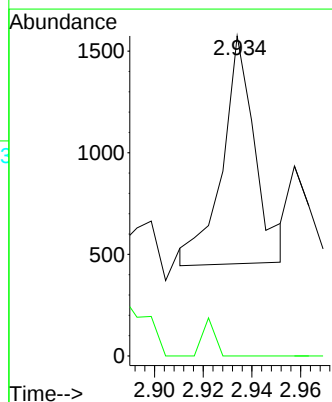
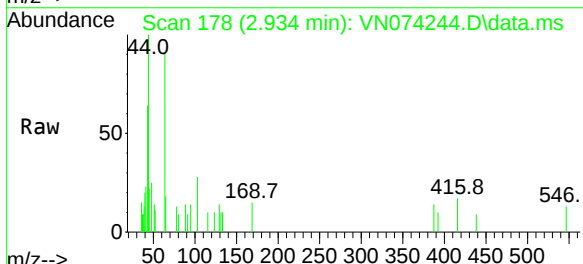
Instrument :
MSVOA_N
ClientSampleId :

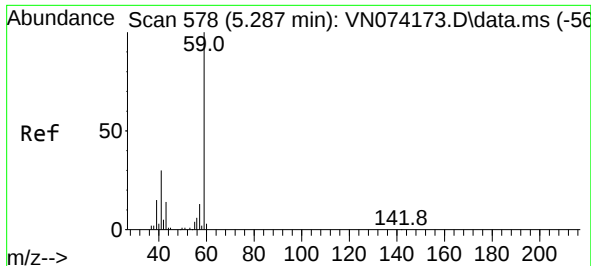
Tgt Ion:168 Resp: 261341
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#6
Chloroethane
Concen: Below Cal
RT: 2.934 min Scan# 178
Delta R.T. -0.017 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

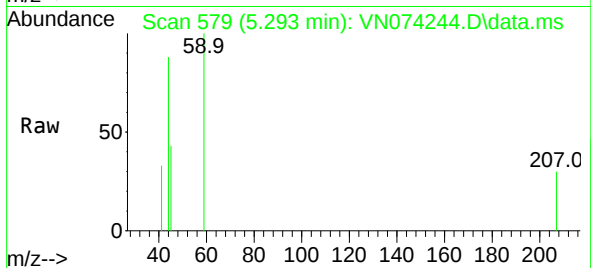
Tgt Ion: 64 Resp: 1047
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



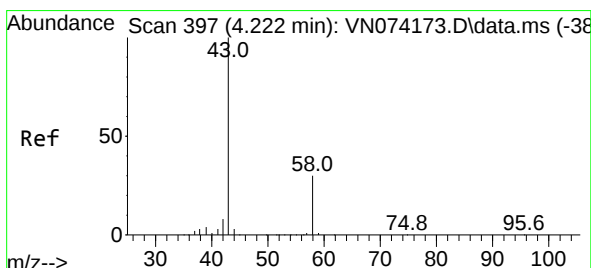
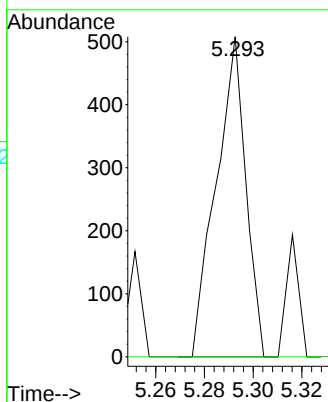
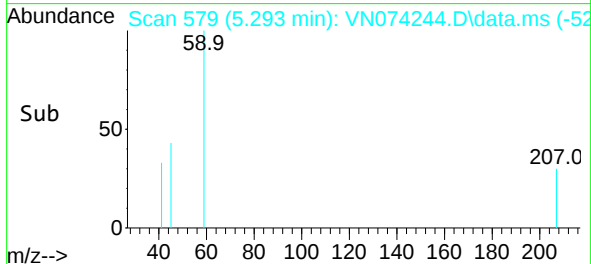


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

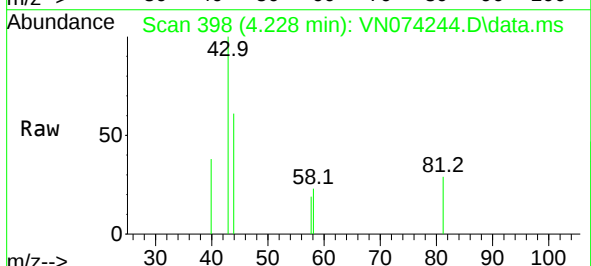
Instrument :
MSVOA_N
ClientSampleId :



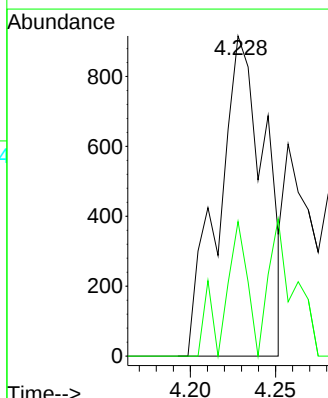
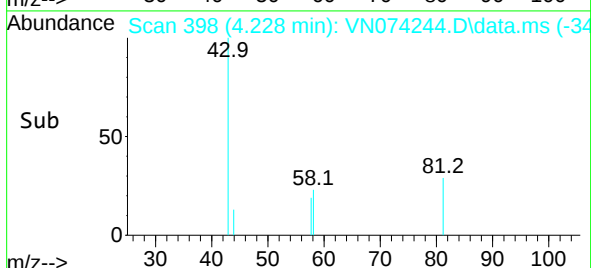
Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

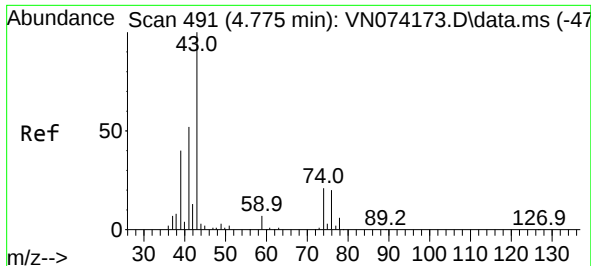


#16
Acetone
Concen: 0.644 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54



Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 42.0 26.0 39.0#

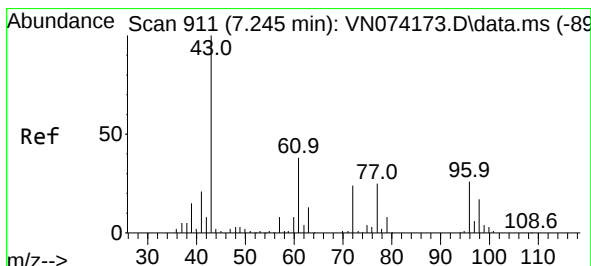
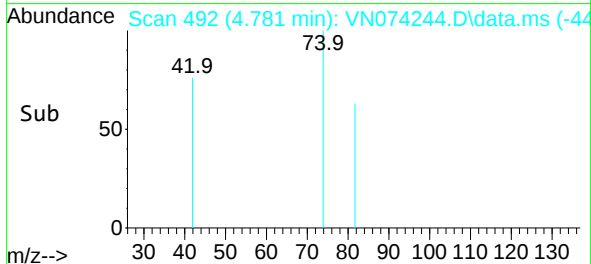
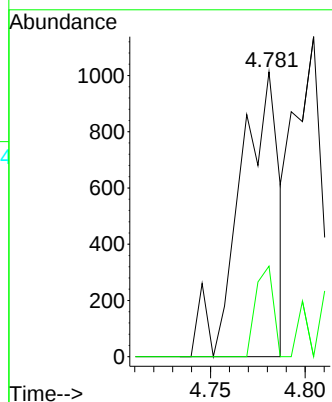
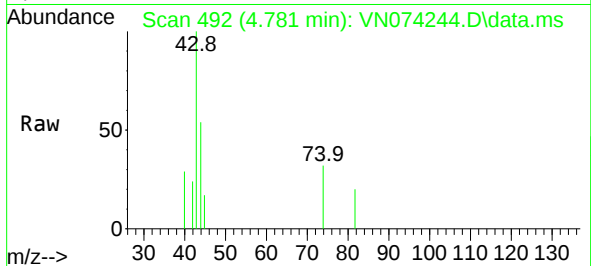




#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

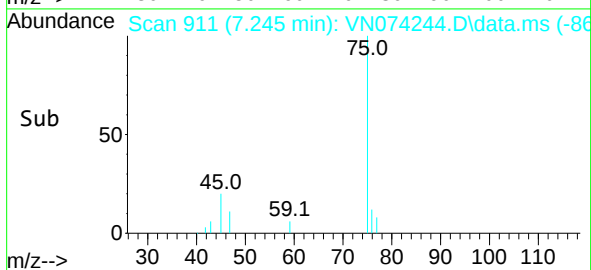
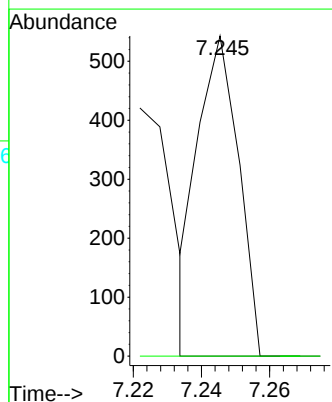
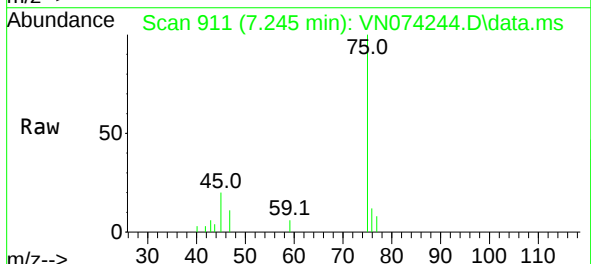
Instrument :
MSVOA_N
ClientSampleId :

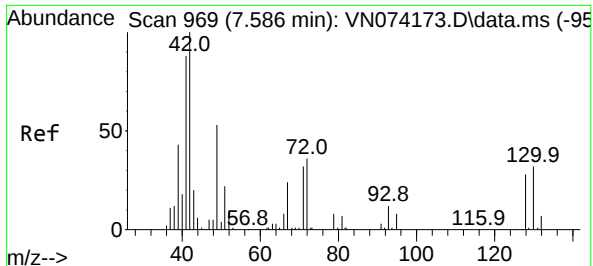
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
74 14.3 21.6 32.4#



#26
2,2-Dichloropropane
Concen: 0.368 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Tgt Ion: 77 Resp: 446
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 7.751 min Scan# 91

Delta R.T. 0.165 min

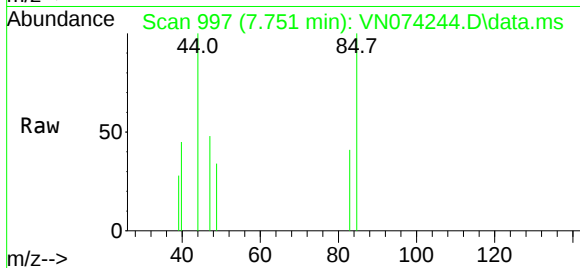
Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

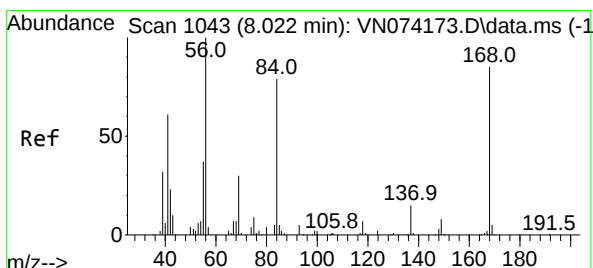
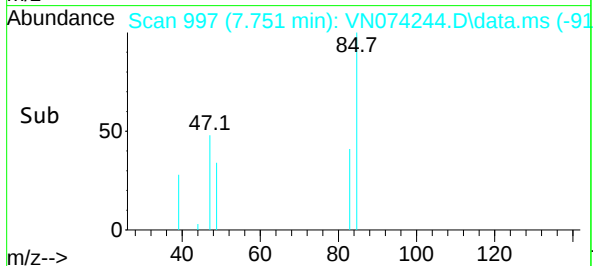
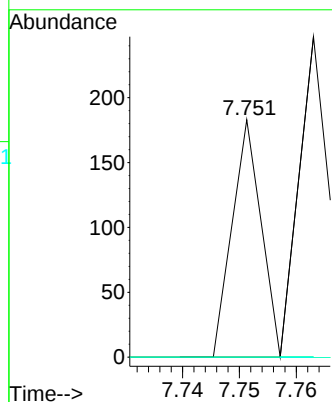
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	49	Resp:	65
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#



#31

Cyclohexane

Concen: 1.124 ug/l

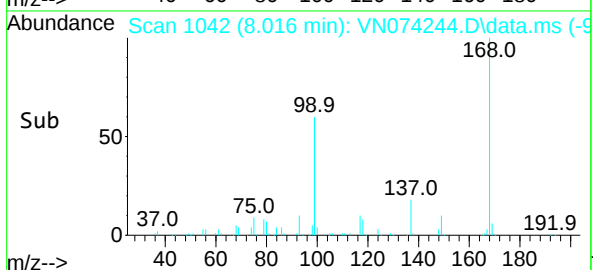
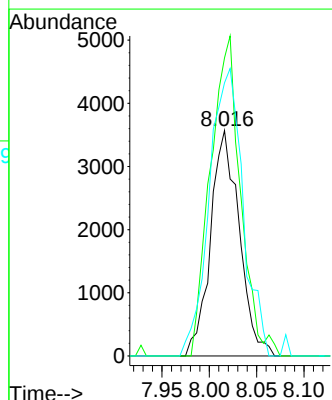
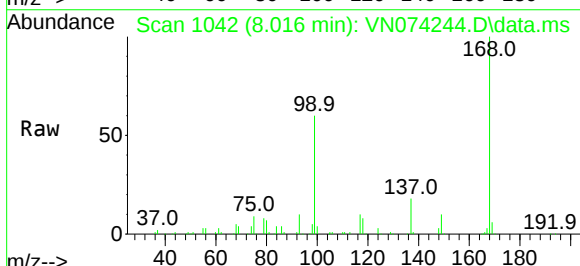
RT: 8.016 min Scan# 1042

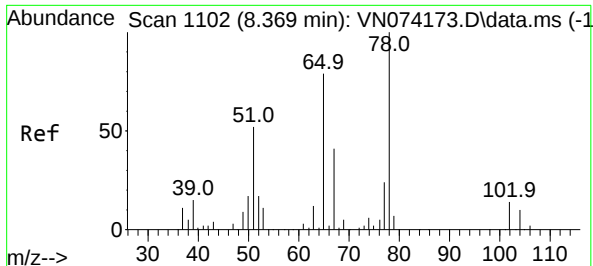
Delta R.T. -0.006 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Tgt Ion:	56	Resp:	7526
Ion	Ratio	Lower	Upper
56	100		
69	132.2	27.8	41.8#
84	121.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 47.966 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Instrument :

MSVOA_N

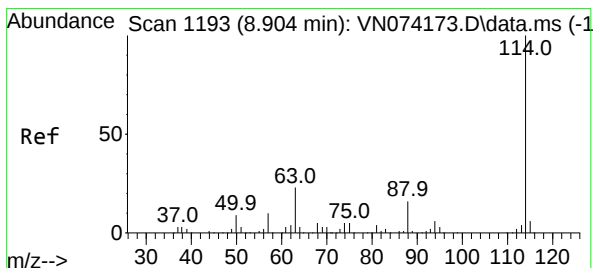
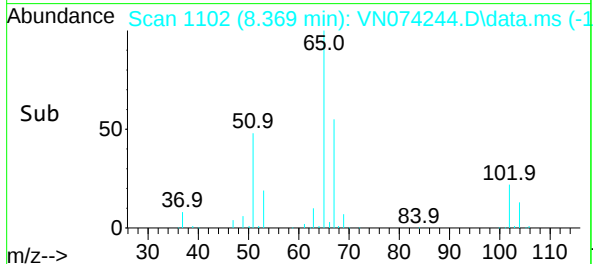
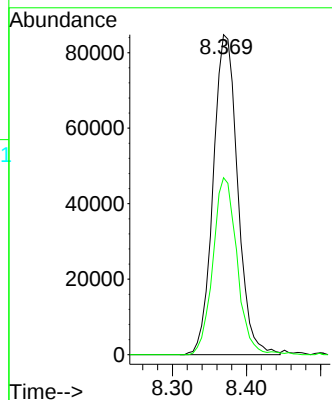
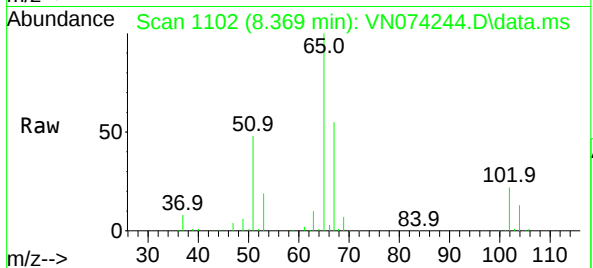
ClientSampleId :

Tgt Ion: 65 Resp: 194455

Ion Ratio Lower Upper

65 100

67 54.6 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: VN074244.D

Acq: 01 Sep 2022 15:54

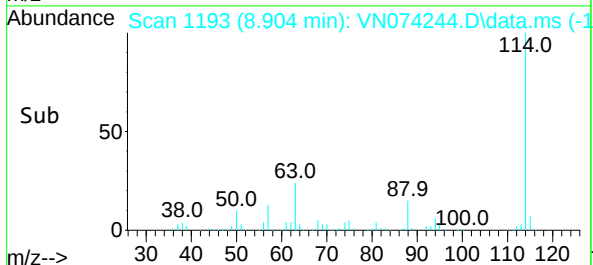
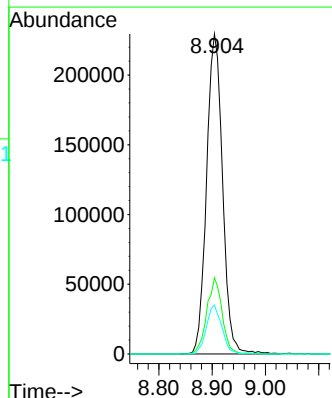
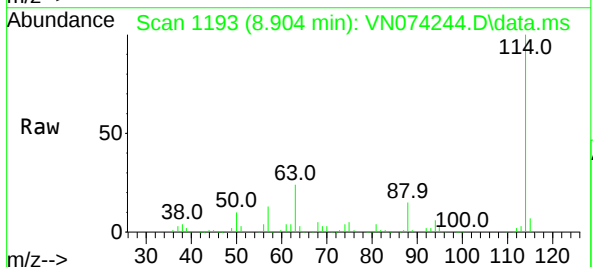
Tgt Ion: 114 Resp: 477863

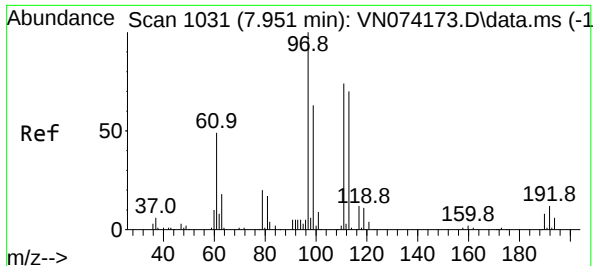
Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.129 ug/l

RT: 7.957 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

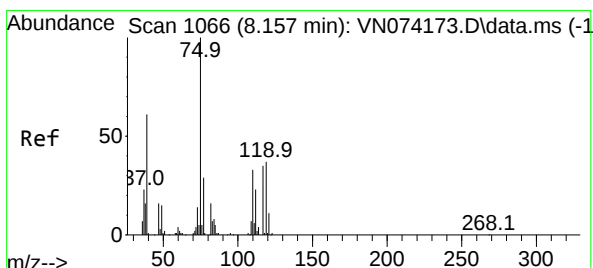
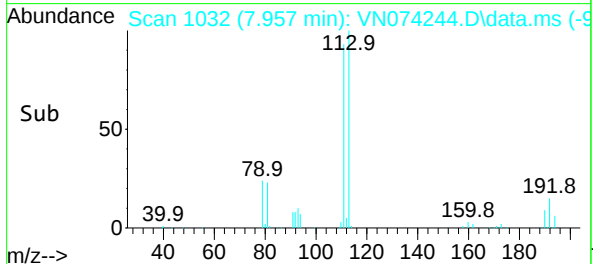
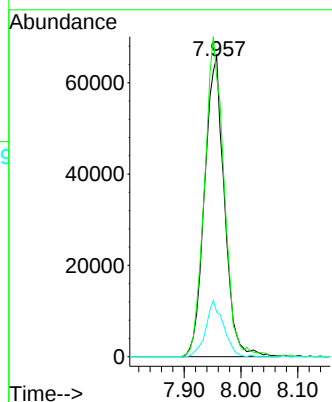
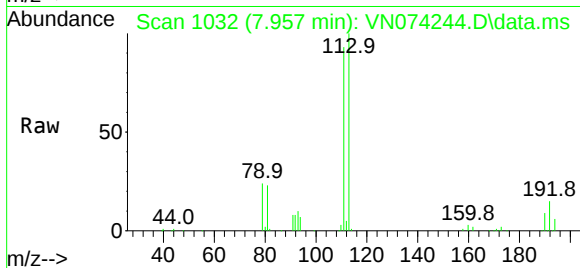
Tgt Ion:113 Resp: 158989

Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 16.7 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 4.582 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.147 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

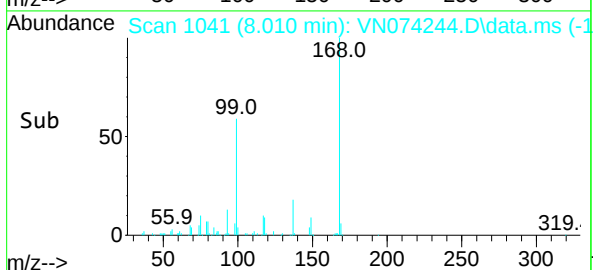
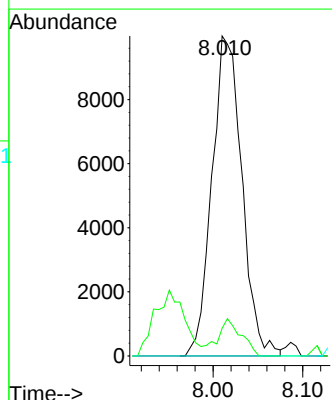
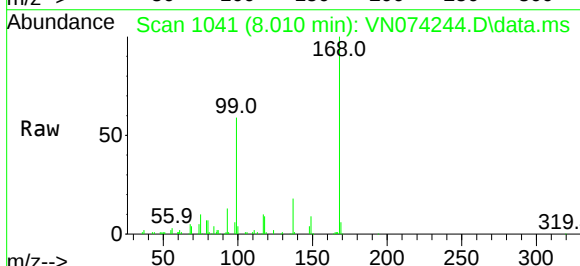
Tgt Ion: 75 Resp: 23117

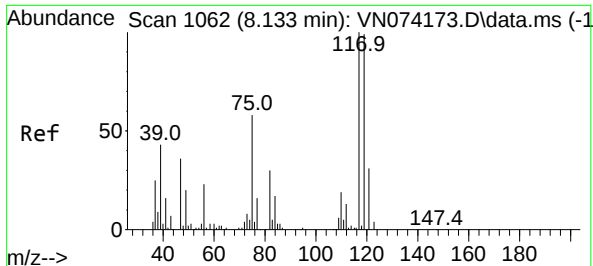
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

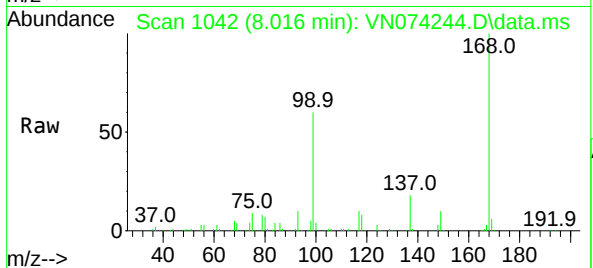
77 0.0 25.1 37.7#



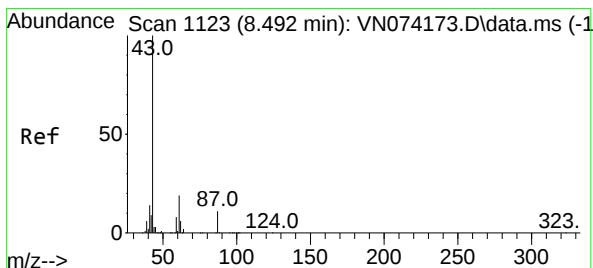
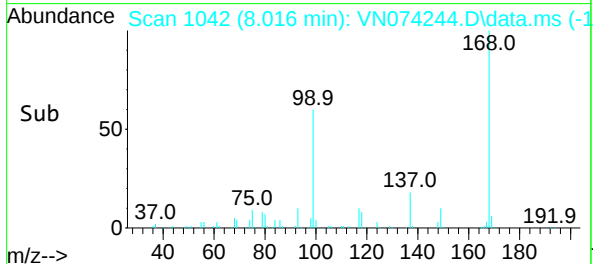
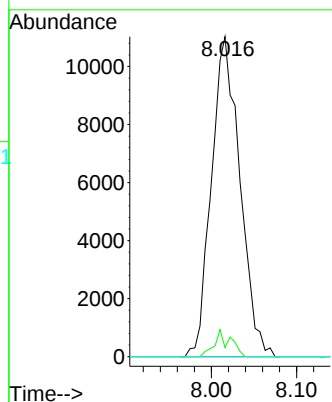


#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 8.016 min Scan# 1107
Delta R.T. -0.117 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Instrument :
MSVOA_N
ClientSampleId :

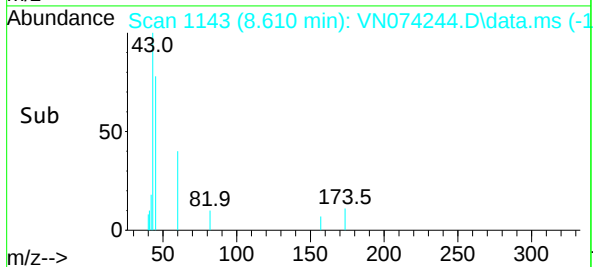
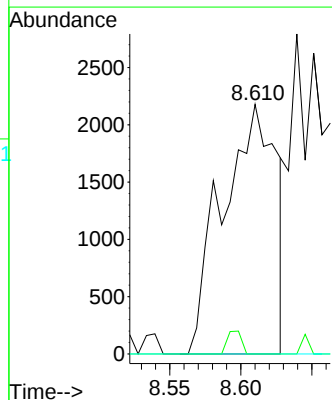
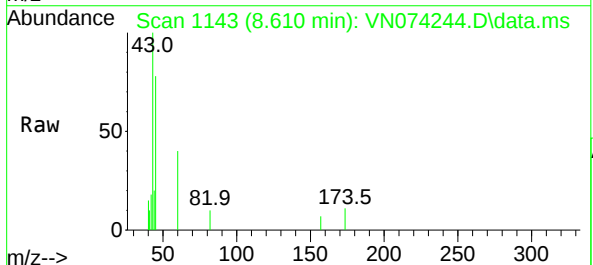


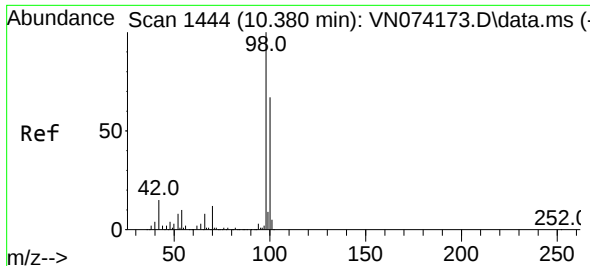
Tgt Ion:117 Resp: 25586
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.504 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. 0.118 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

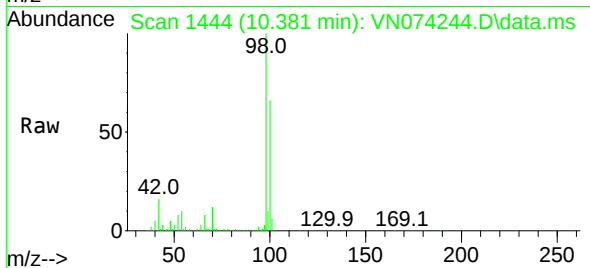
Tgt Ion: 43 Resp: 5716
Ion Ratio Lower Upper
43 100
61 2.4 21.9 32.9#
87 0.0 12.0 18.0#



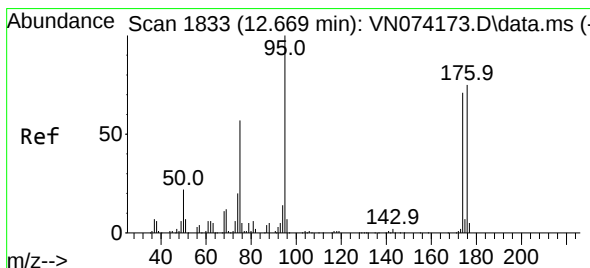
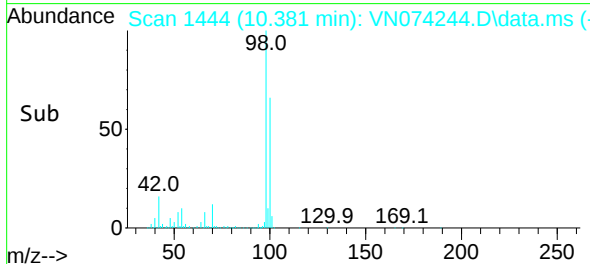
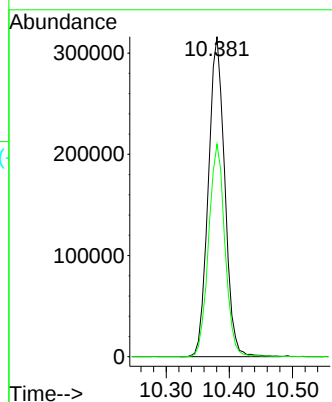


#50
Toluene-d8
Concen: 46.576 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Instrument :
MSVOA_N
ClientSampleId :

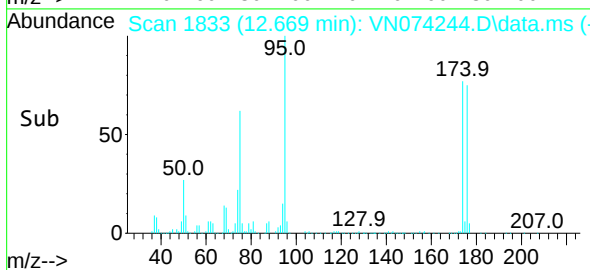
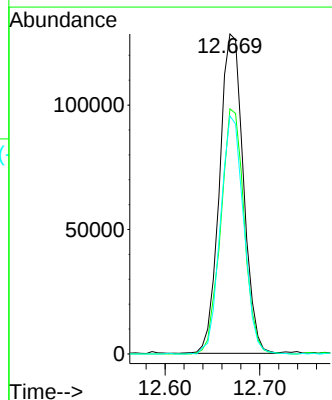
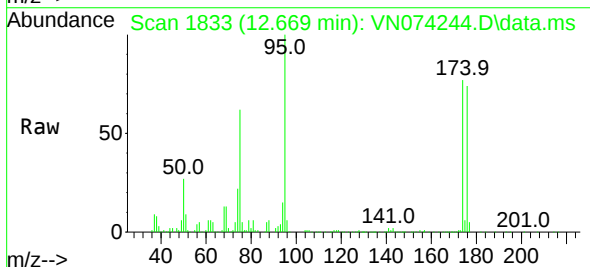


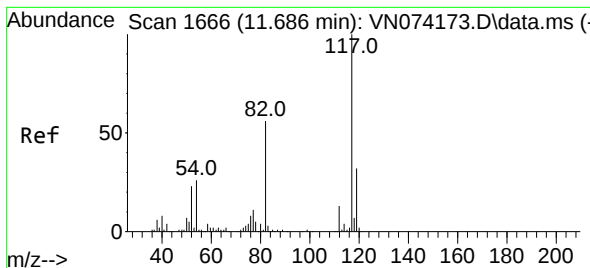
Tgt Ion: 98 Resp: 570357
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.328 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Tgt Ion: 95 Resp: 224662
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

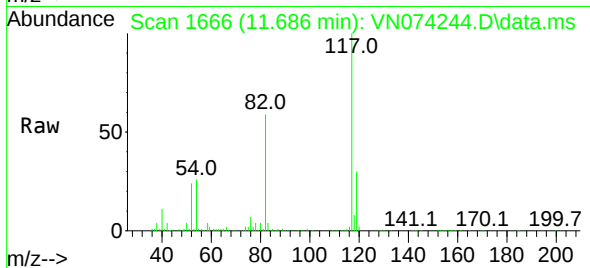
Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :



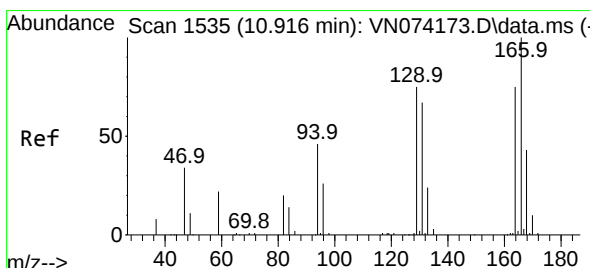
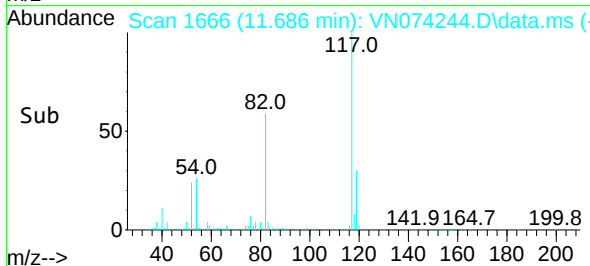
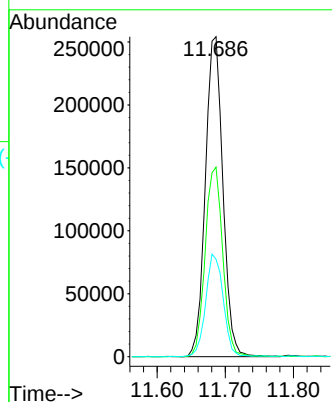
Tgt Ion:117 Resp: 455170

Ion Ratio Lower Upper

117 100

82 59.2 44.2 66.2

119 30.5 25.4 38.0



#64

Tetrachloroethene

Concen: 0.447 ug/l

RT: 10.928 min Scan# 1537

Delta R.T. 0.012 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Tgt Ion:164 Resp: 1474

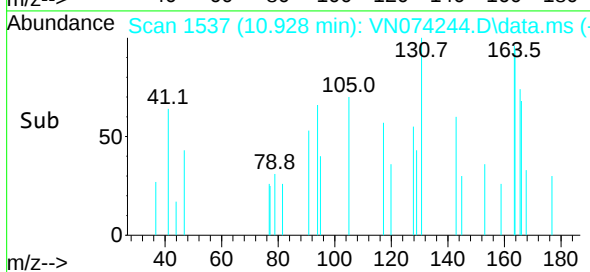
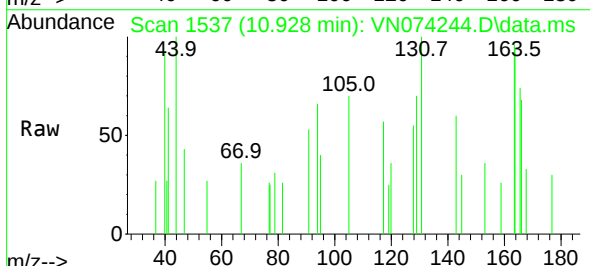
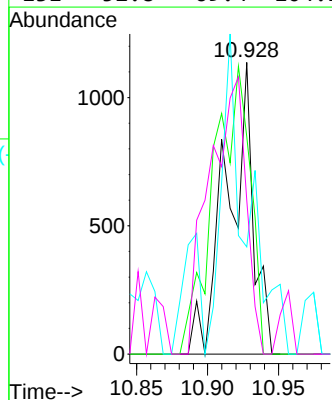
Ion Ratio Lower Upper

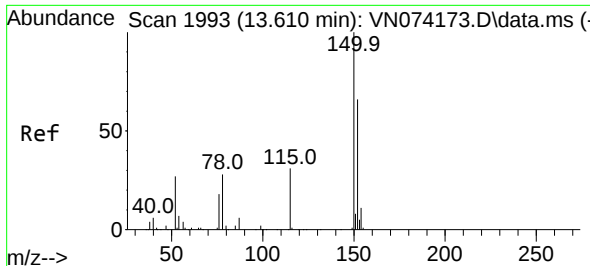
164 100

166 74.6 104.2 156.2#

129 18.6 73.9 110.9#

131 52.8 69.4 104.2#

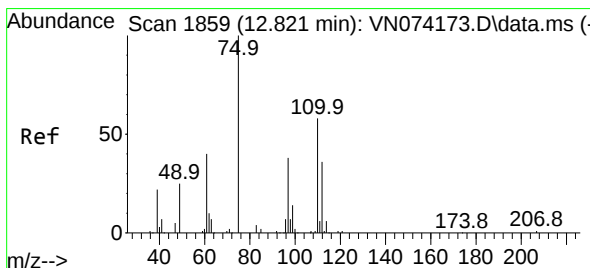
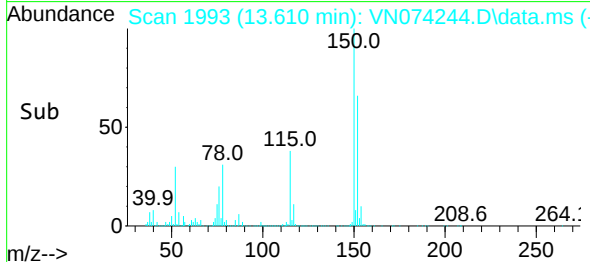
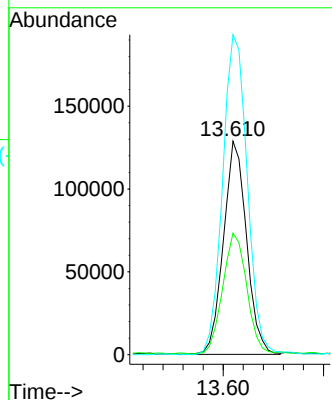
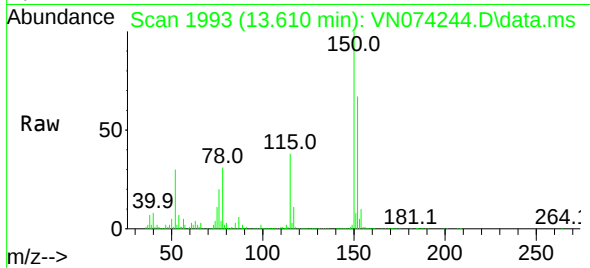




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074244.D
 Acq: 01 Sep 2022 15:54

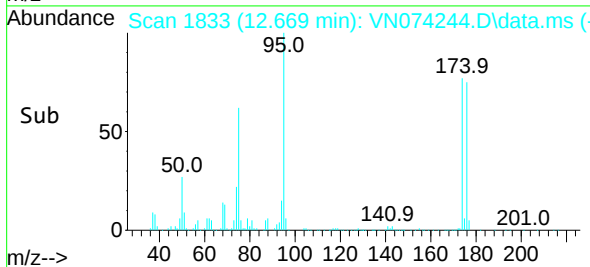
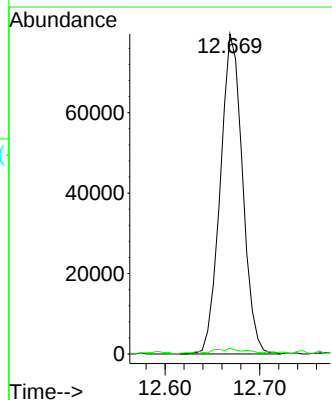
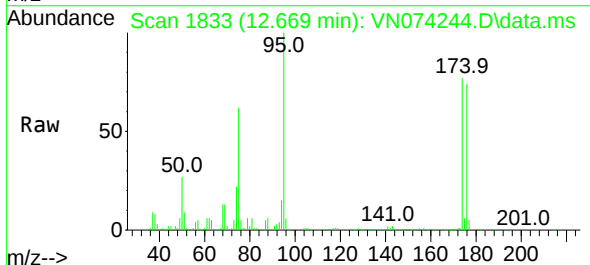
Instrument :
 MSVOA_N
 ClientSampleId :

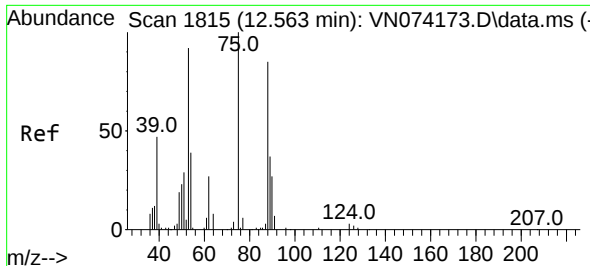
Tgt Ion:152 Resp: 206300
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.9 86.7
 150 160.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 25.355 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074244.D
 Acq: 01 Sep 2022 15:54

Tgt Ion: 75 Resp: 129840
 Ion Ratio Lower Upper
 75 100
 77 2.9 98.5 295.5#

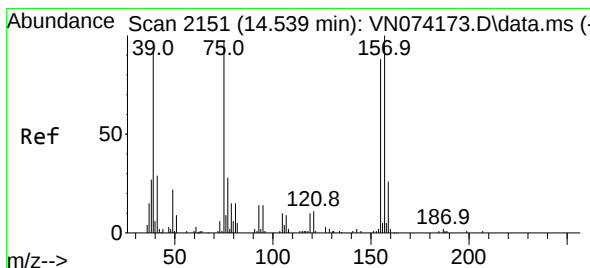
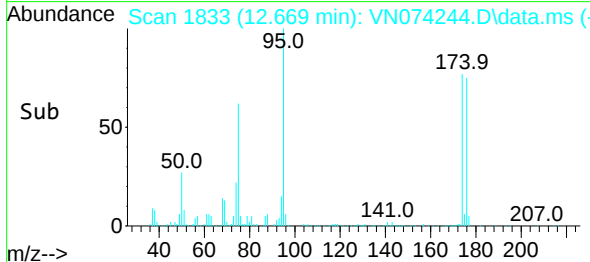
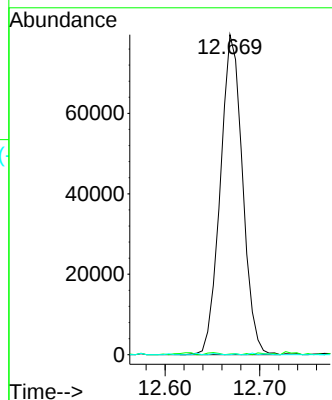
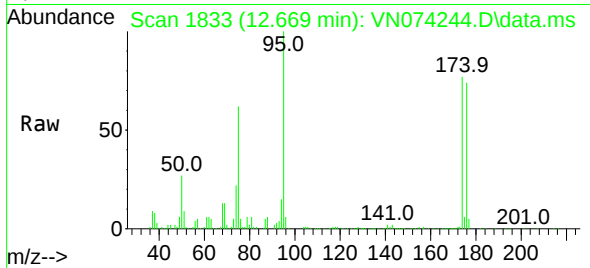




#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.328 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN074244.D
 Acq: 01 Sep 2022 15:54

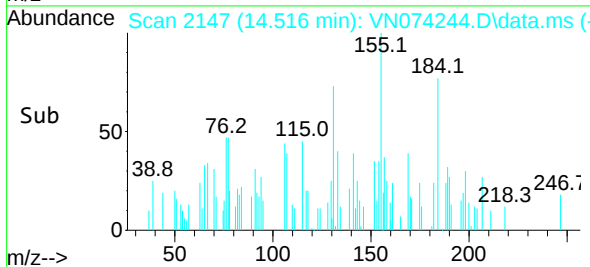
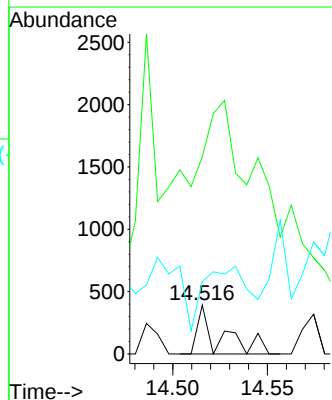
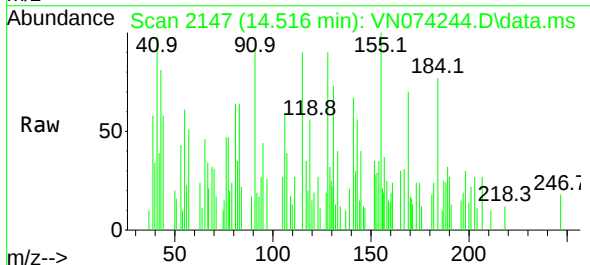
Instrument :
 MSVOA_N
 ClientSampleId :

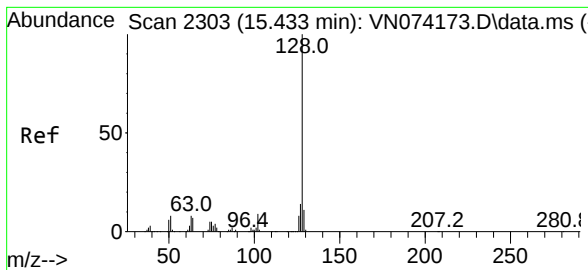
Tgt Ion: 75 Resp: 129840
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.1 37.2 55.8#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.219 ug/l
 RT: 14.516 min Scan# 2147
 Delta R.T. -0.023 min
 Lab File: VN074244.D
 Acq: 01 Sep 2022 15:54

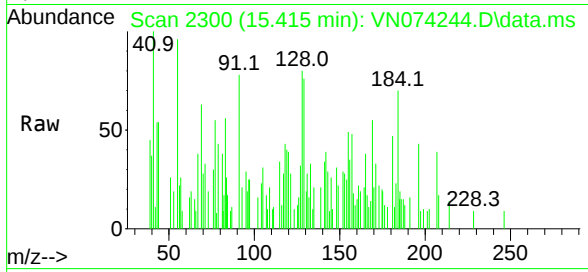
Tgt Ion: 75 Resp: 321
 Ion Ratio Lower Upper
 75 100
 155 1071.3 44.9 134.5#
 157 267.9 59.0 176.8#





#95
Naphthalene
Concen: 1.193 ug/l
RT: 15.415 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	666
Ion	Ratio	Lower	Upper
128	100		
127	111.7	10.3	15.5#
129	185.6	8.6	13.0#

