

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072486.D
 Acq On : 13 May 2022 18:50
 Operator : JC\MD
 Sample : N2800-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2A

Quant Time: May 14 02:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

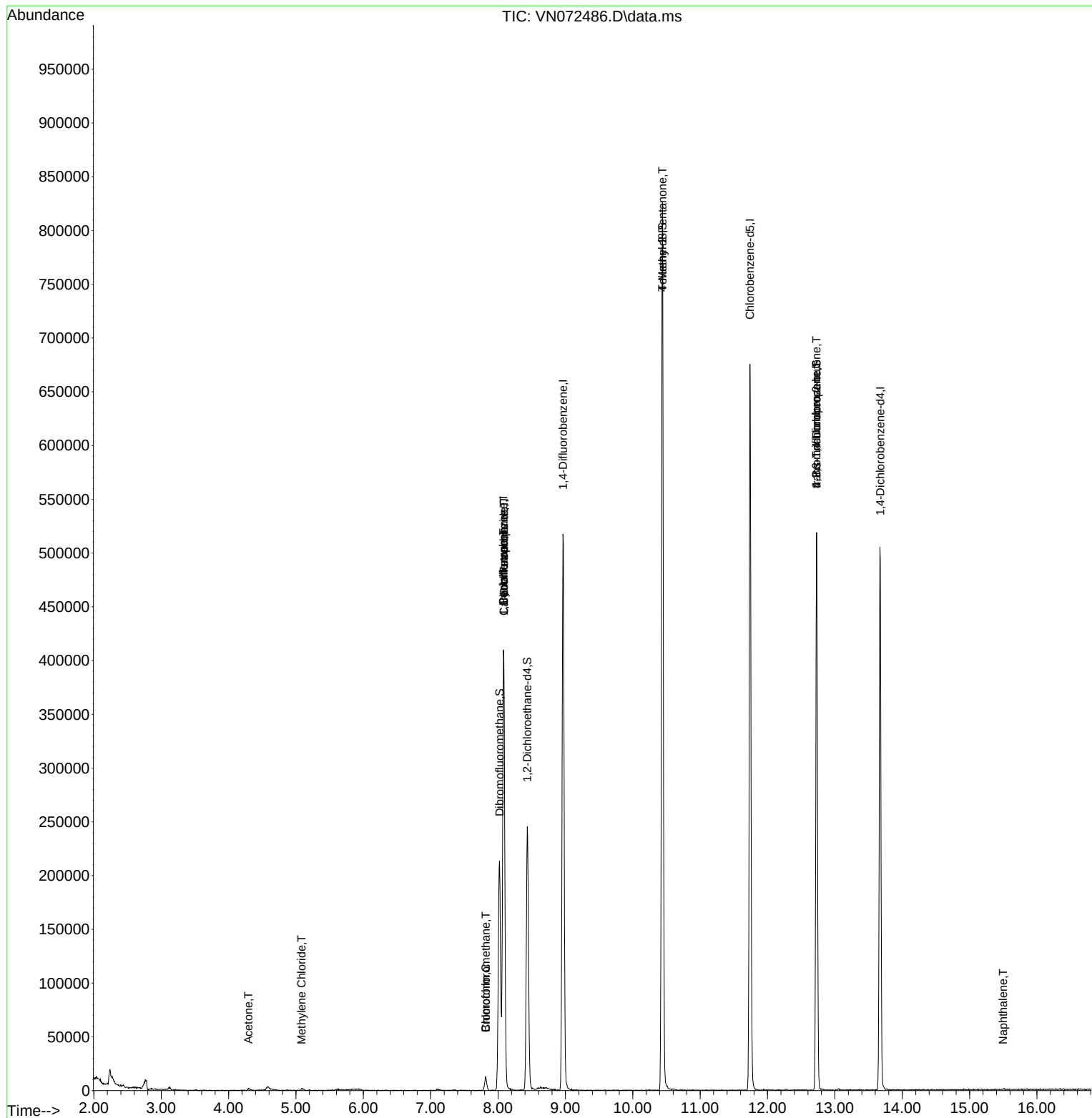
Internal Standards						
1) Pentafluorobenzene	8.081	168	298478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	447594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	377962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	139529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	225510	49.327	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.660%	
35) Dibromofluoromethane	8.022	113	152685	51.274	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.540%	
50) Toluene-d8	10.439	98	560584	49.429	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.860%	
62) 4-Bromofluorobenzene	12.727	95	173291	46.009	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	435	Below Cal	#	43
6) Chloroethane	3.004	64	506	Below Cal	#	42
16) Acetone	4.293	43	2512	1.387	ug/l #	86
20) Methylene Chloride	5.081	84	1488	0.401	ug/l #	59
28) Bromochloromethane	7.816	49	927	0.340	ug/l #	8
30) Chloroform	7.816	83	11309	1.733	ug/l	92
31) Cyclohexane	8.081	56	7734	1.277	ug/l #	43
36) 1,1-Dichloropropene	8.086	75	23645	5.528	ug/l #	50
38) Carbon Tetrachloride	8.086	117	32087	6.703	ug/l #	16
51) 4-Methyl-2-Pentanone	10.439	43	2426	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	98813	27.152	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	98813	90.581	ug/l #	10
95) Naphthalene	15.498	128	995	3.316	ug/l #	69

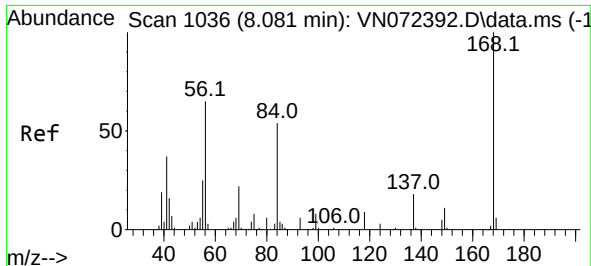
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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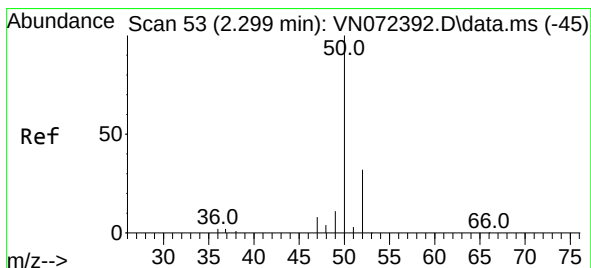
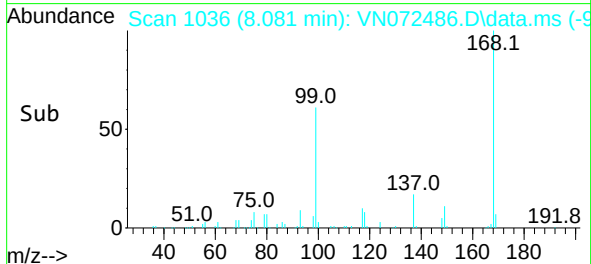
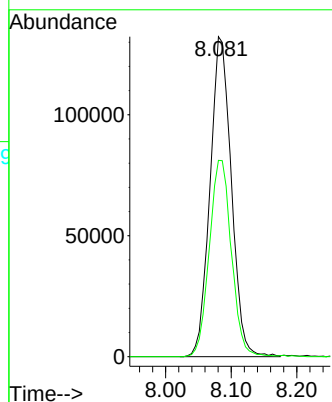
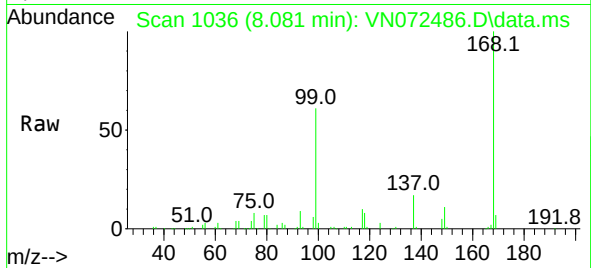




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

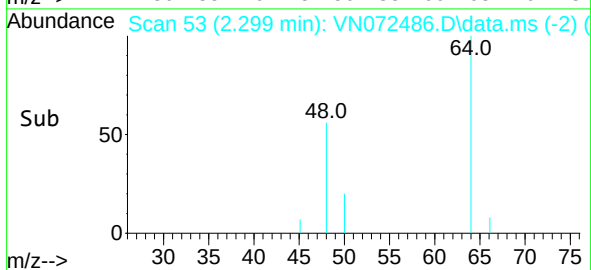
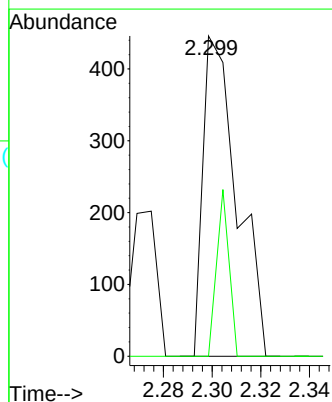
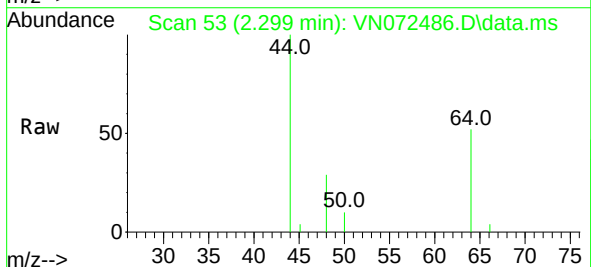
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

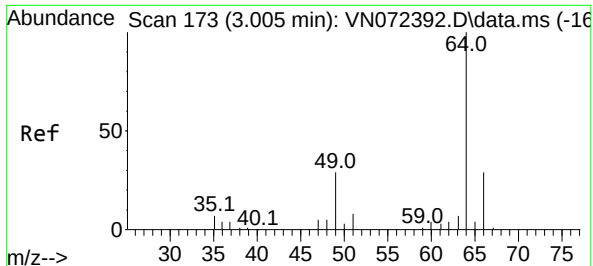
Tgt Ion:168 Resp: 298478
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

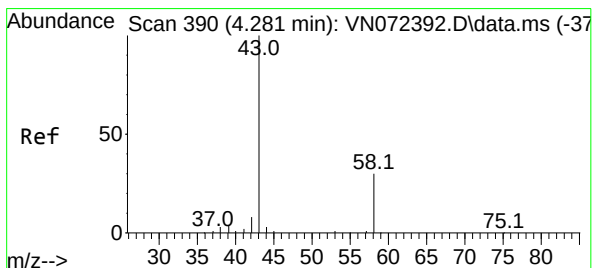
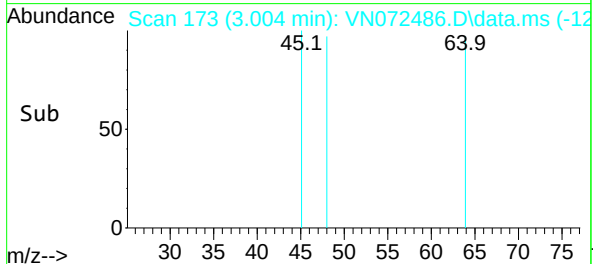
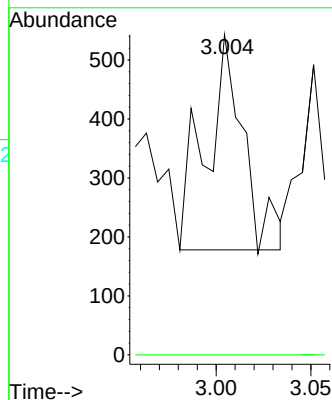
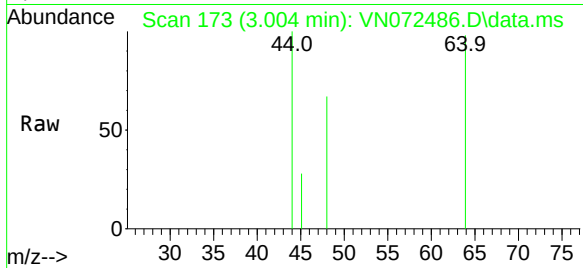




#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

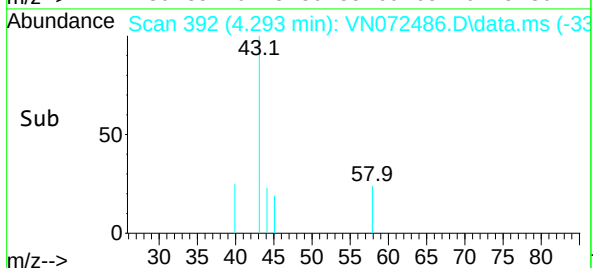
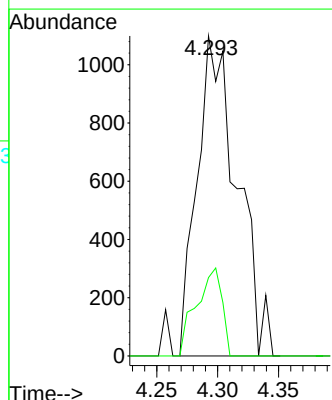
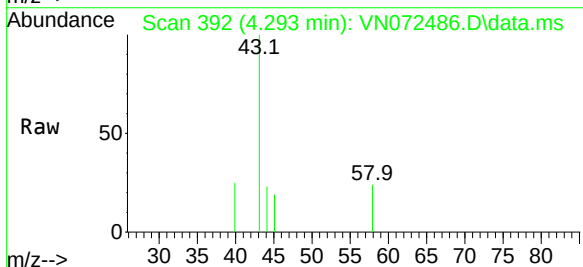
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

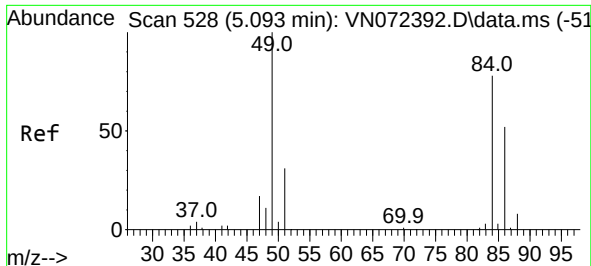
Tgt Ion: 64 Resp: 506
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.387 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

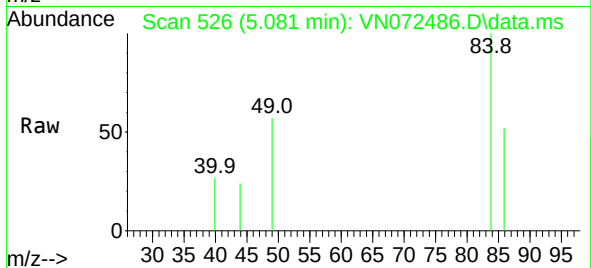
Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 24.5 26.0 39.0#



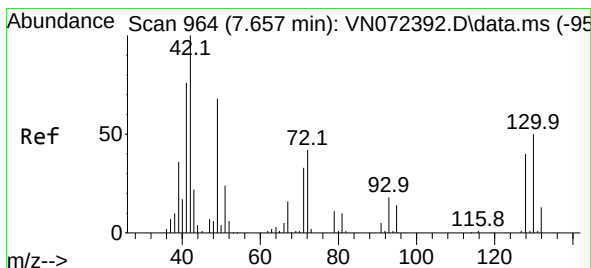
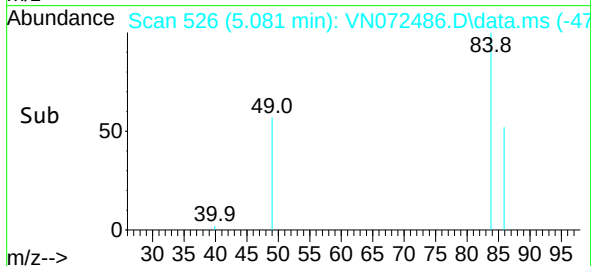
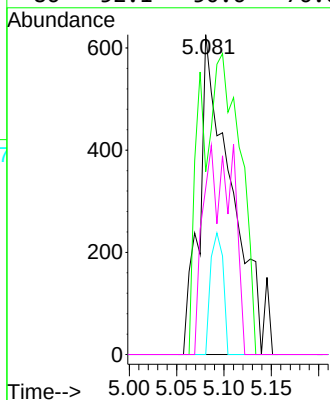


#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 5.081 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

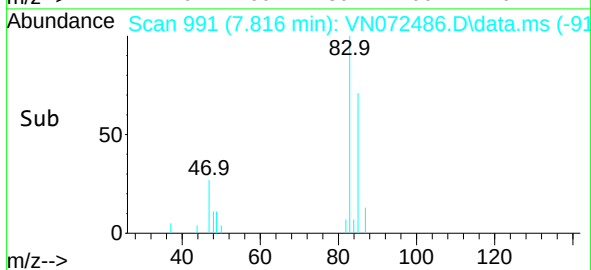
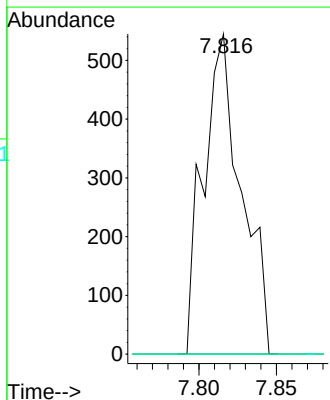
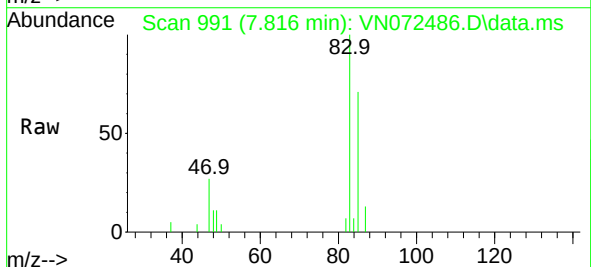


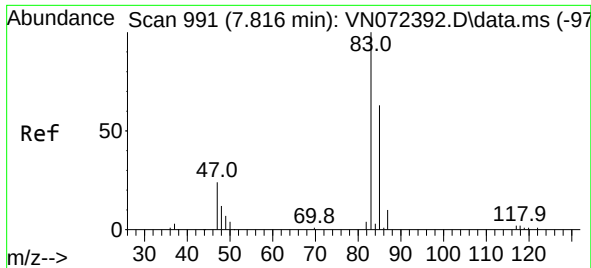
Tgt Ion: 84	Resp: 1488
Ion Ratio	Lower Upper
84 100	
49 57.2	88.3 132.5#
51 0.0	28.2 42.2#
86 52.1	50.6 76.0



#28
Bromochloromethane
Concen: 0.340 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.159 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion: 49	Resp: 927		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	4.6	
130 0.0	69.7	104.5#	

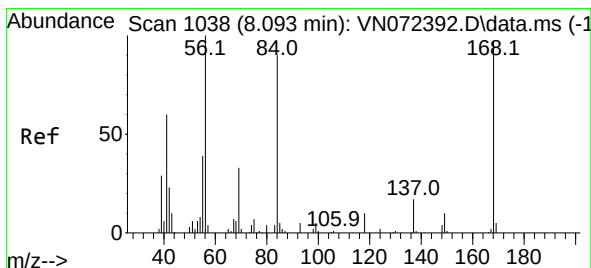
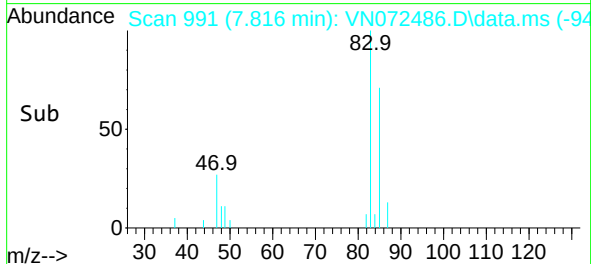
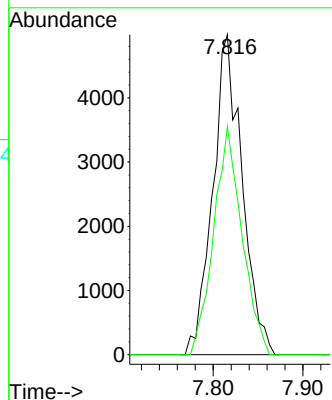
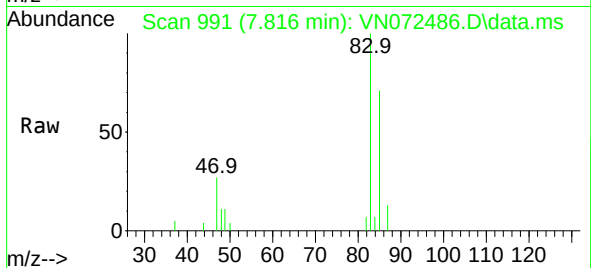




#30
Chloroform
Concen: 1.733 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

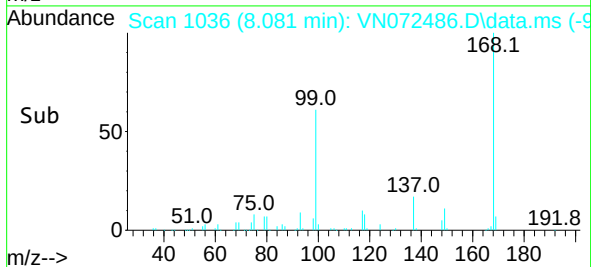
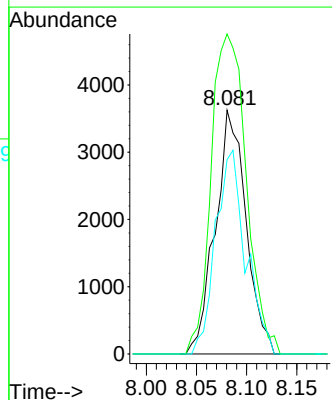
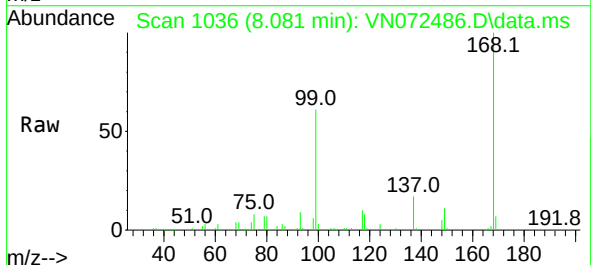
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

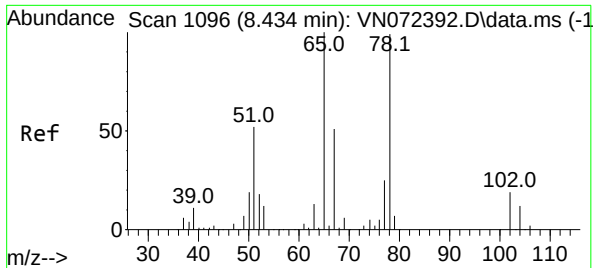
Tgt Ion: 83 Resp: 11309
Ion Ratio Lower Upper
83 100
85 71.3 51.8 77.8



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion: 56 Resp: 7734
Ion Ratio Lower Upper
56 100
69 131.4 27.8 41.8#
84 79.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 49.327 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072486.D

Acq: 13 May 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

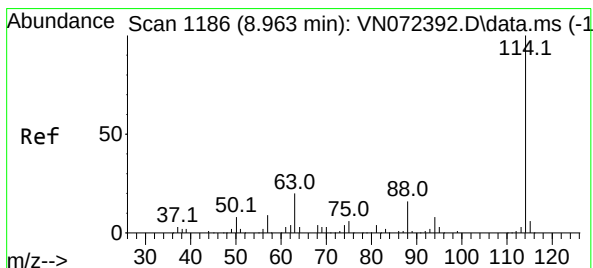
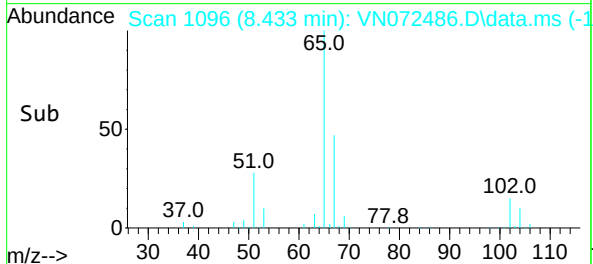
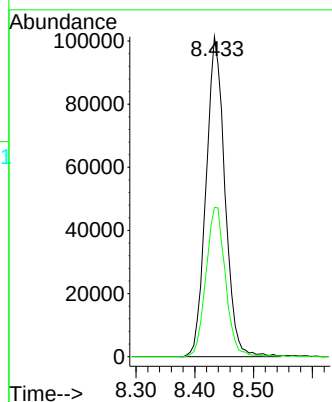
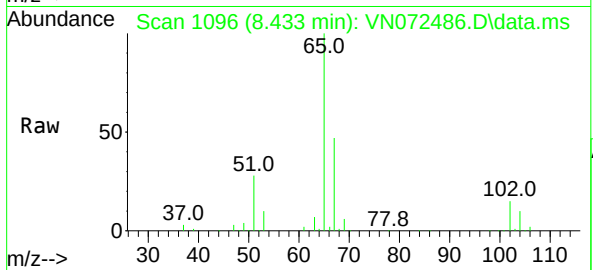
PZ-2A

Tgt Ion: 65 Resp: 225510

Ion Ratio Lower Upper

65 100

67 48.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072486.D

Acq: 13 May 2022 18:50

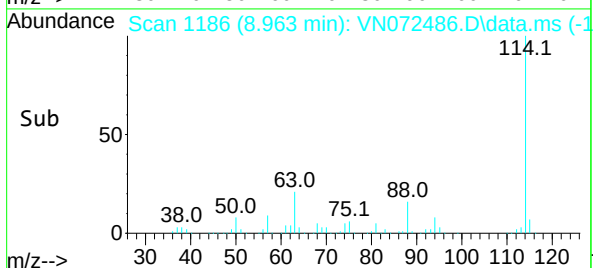
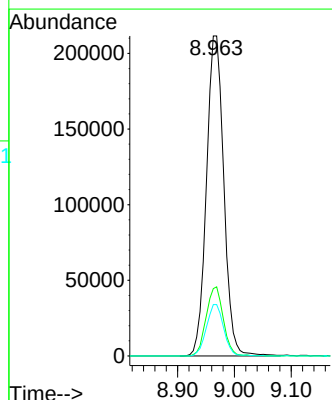
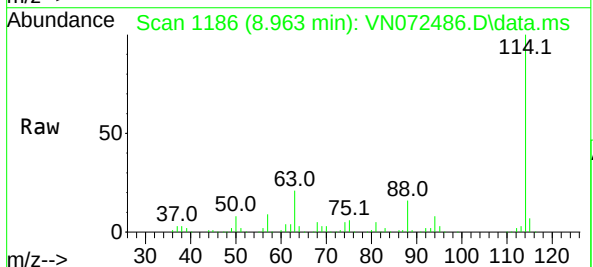
Tgt Ion: 114 Resp: 447594

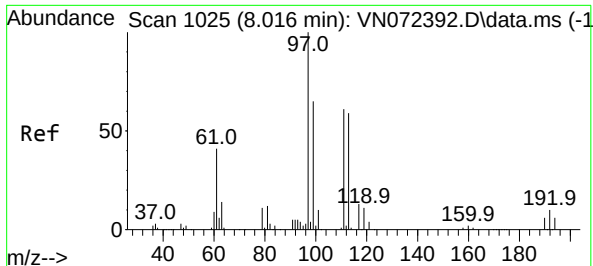
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

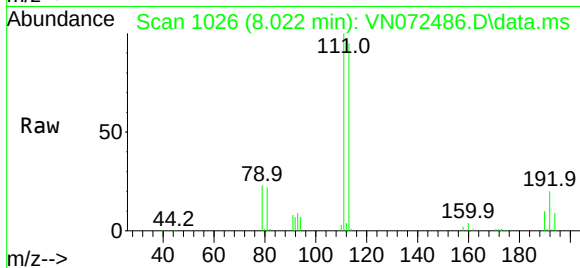
88 16.0 0.0 32.6



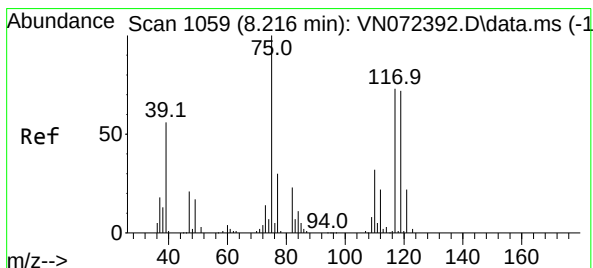
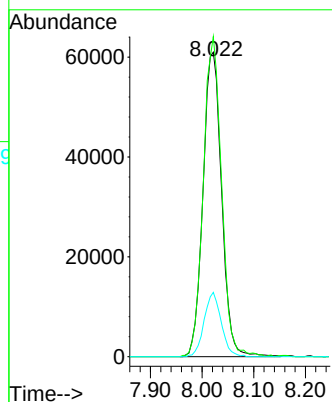
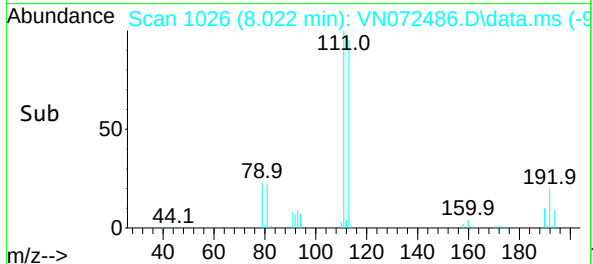


#35
Dibromofluoromethane
Concen: 51.274 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

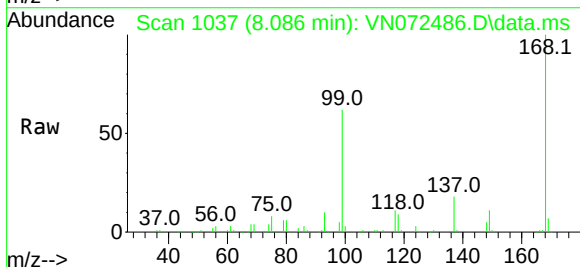
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A



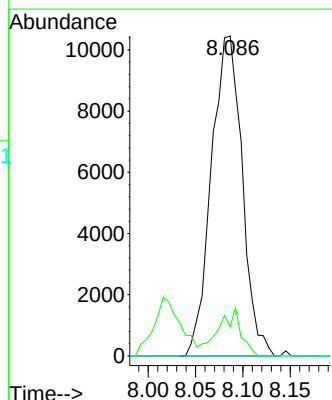
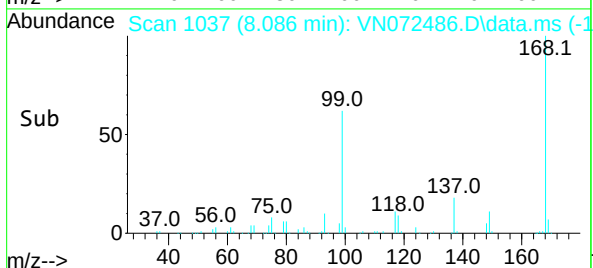
Tgt Ion:113 Resp: 152685
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.4 17.0 25.6

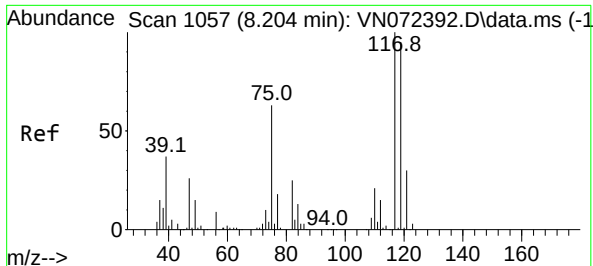


#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50



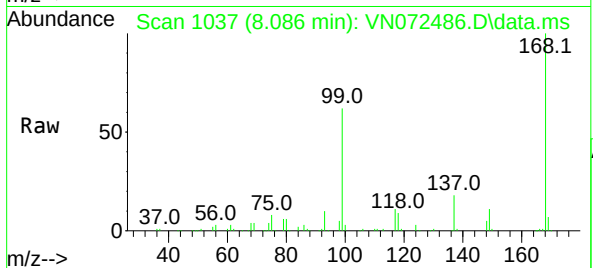
Tgt Ion: 75 Resp: 23645
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 25.1 37.7#



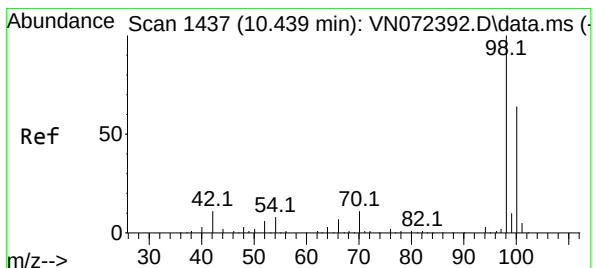
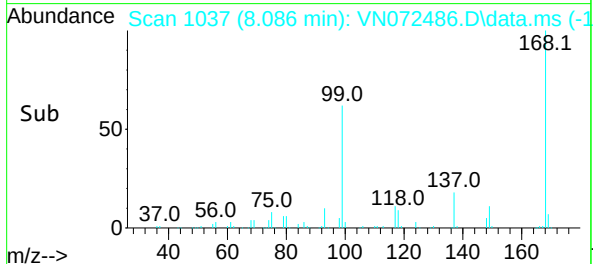
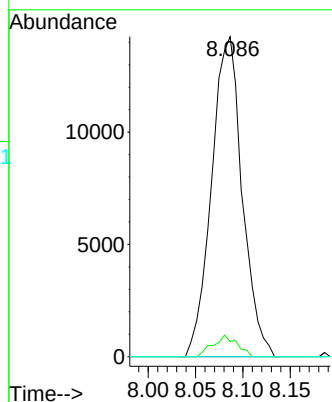


#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

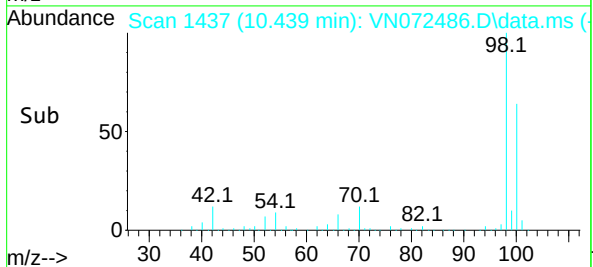
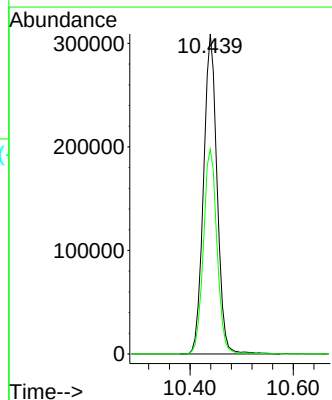
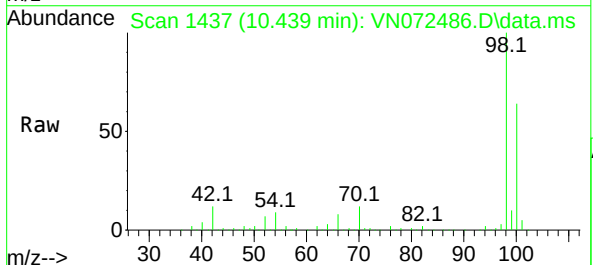


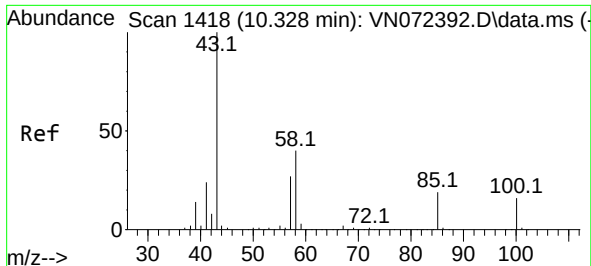
Tgt Ion:117 Resp: 32087
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion: 98 Resp: 560584
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

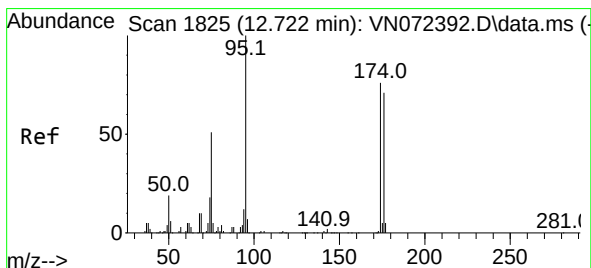
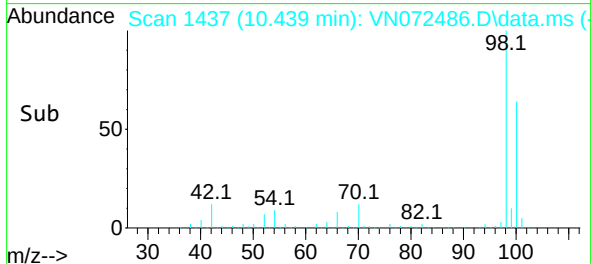
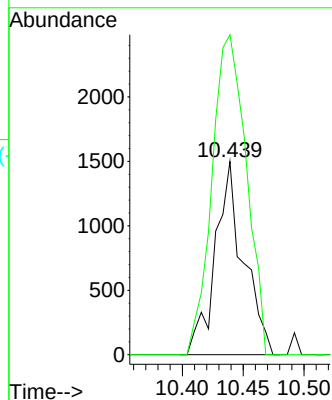
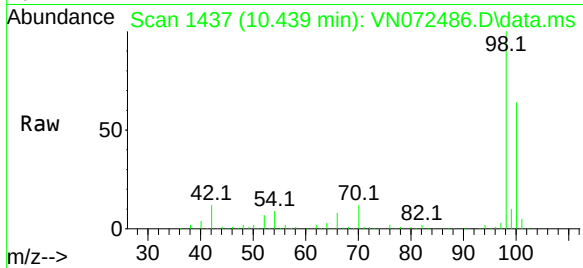




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.111 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

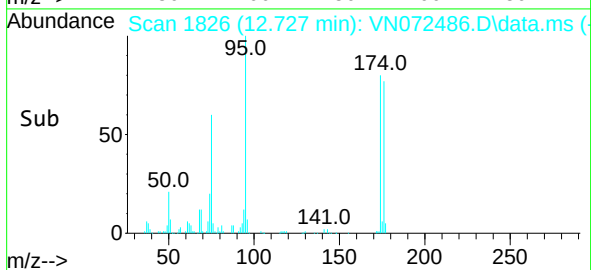
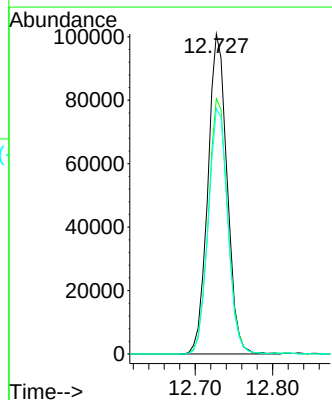
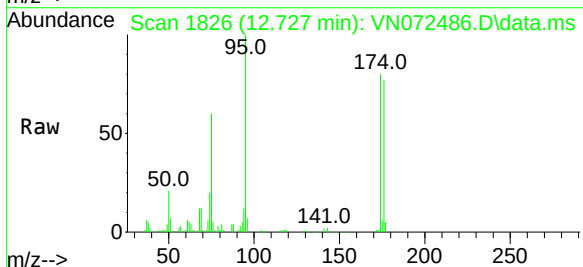
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

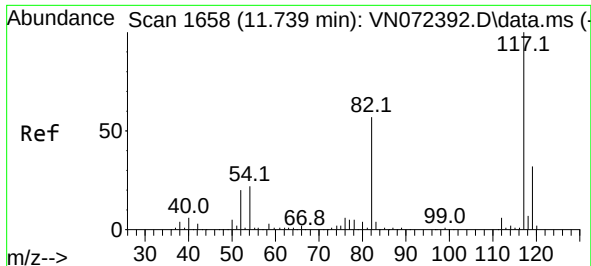
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 201.2 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 46.009 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion: 95 Resp: 173291
Ion Ratio Lower Upper
95 100
174 80.1 0.0 167.6
176 78.1 0.0 163.4

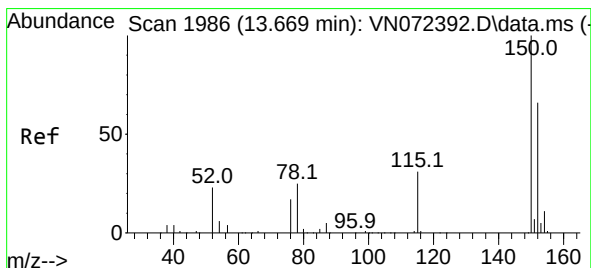
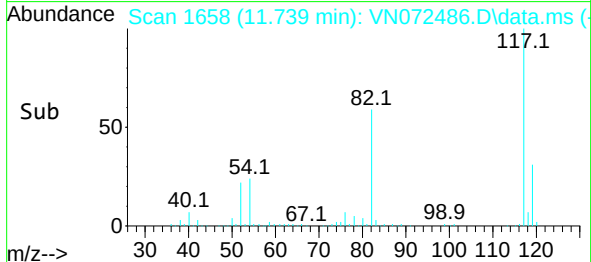
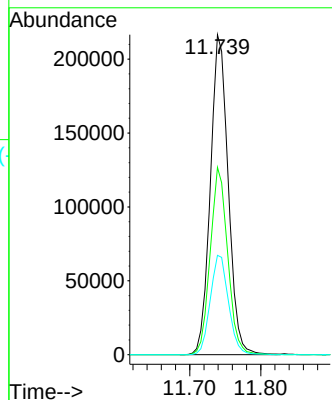
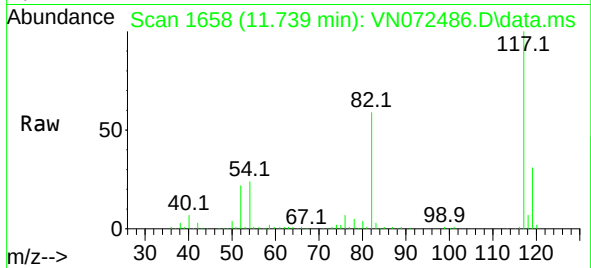




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

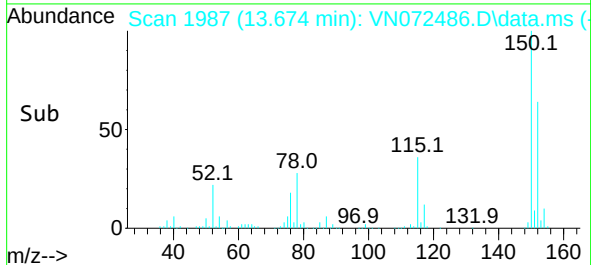
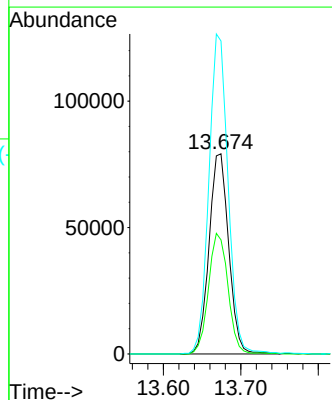
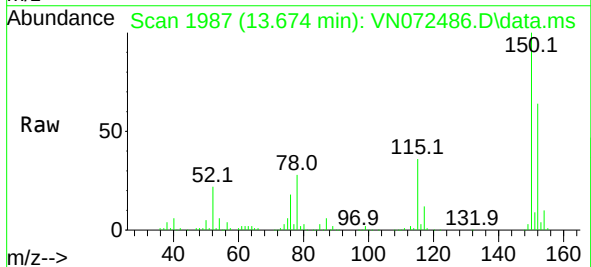
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

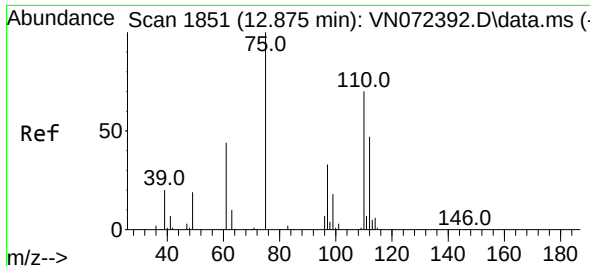
Tgt Ion:117 Resp: 377962
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Tgt Ion:152 Resp: 139529
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 156.1 0.0 356.2

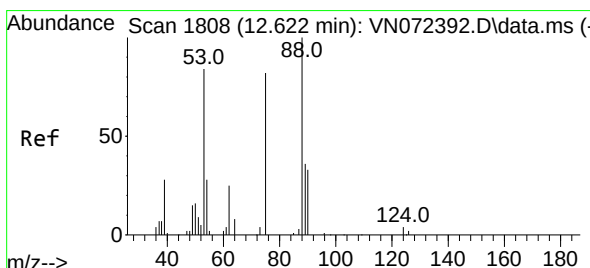
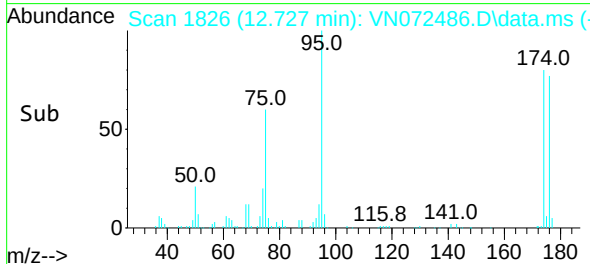
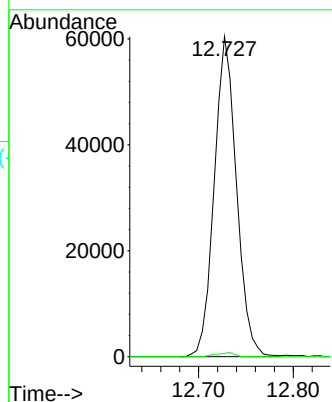
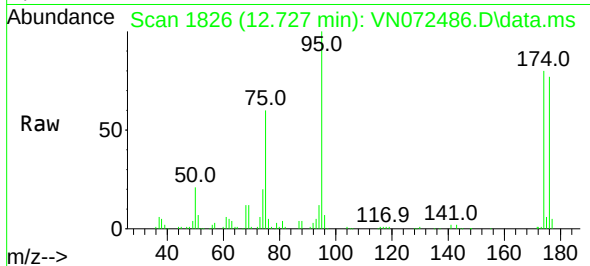




#76
1,2,3-Trichloropropane
Concen: 27.152 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

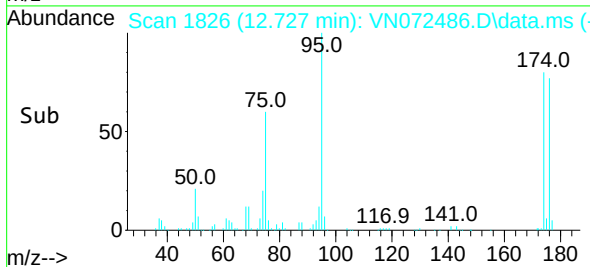
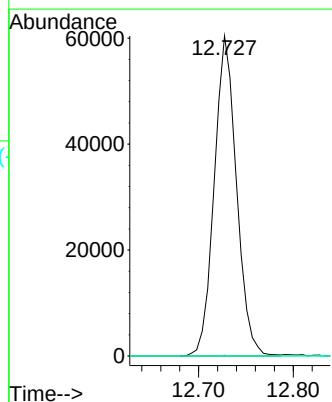
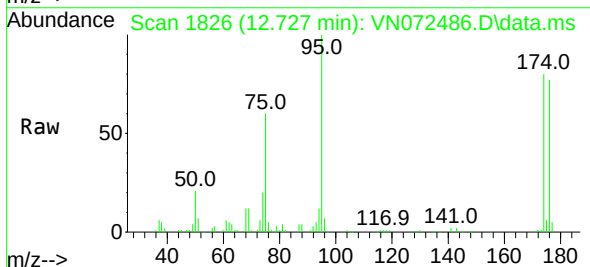
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

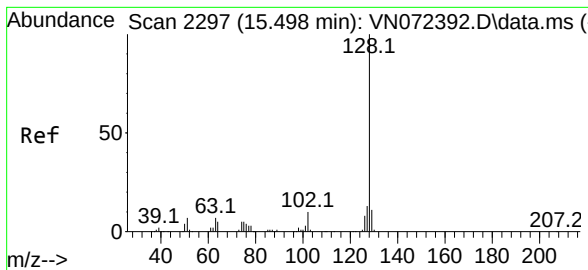
Tgt Ion: 75 Resp: 98813
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.581 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

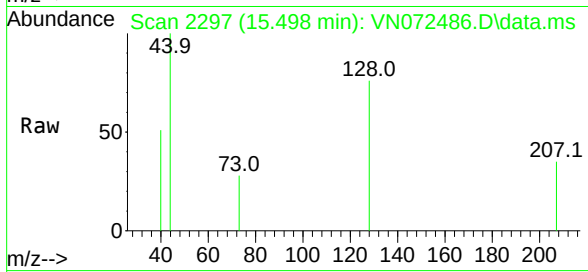
Tgt Ion: 75 Resp: 98813
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.316 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072486.D
Acq: 13 May 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :
PZ-2A



Tgt Ion:	128	Resp:	995
Ion Ratio	100	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

