

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072747.D
 Acq On : 09 Jun 2022 22:47
 Operator : JC\MD
 Sample : VN0609WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBL03

Quant Time: Jun 10 01:48:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	140547	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	272143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	249588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	97264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	218297	57.870	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.740%
35) Dibromofluoromethane	8.022	113	144644	53.715	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.420%
50) Toluene-d8	10.439	98	525191	48.883	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.727	95	146297	39.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.360%

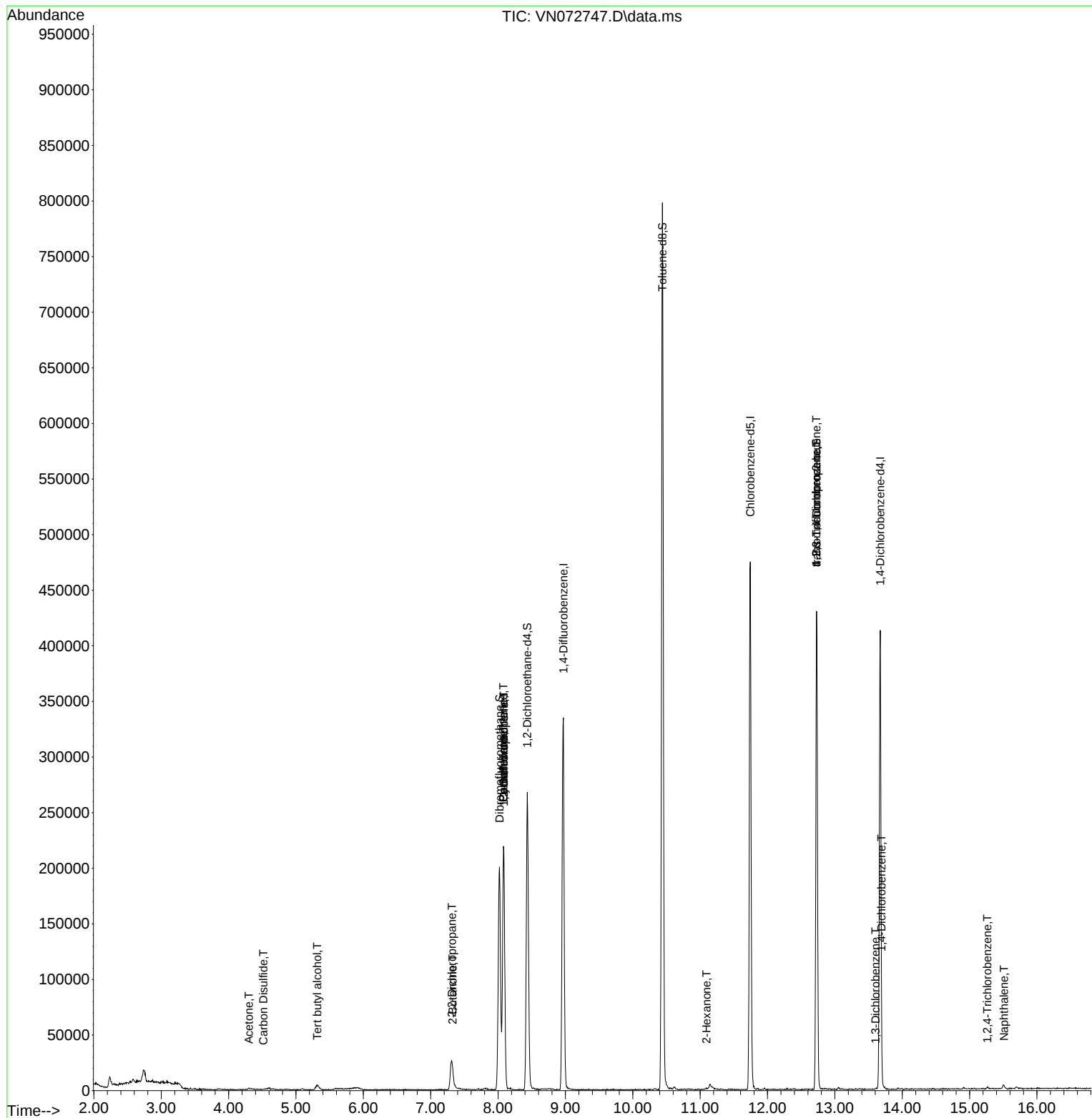
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.863	94	689	Below Cal		95
6) Chloroethane	2.987	64	140	Below Cal	#	1
11) Tert butyl alcohol	5.316	59	4637	5.153	ug/l	# 72
16) Acetone	4.298	43	1854	1.026	ug/l	# 83
17) Carbon Disulfide	4.516	76	495	0.388	ug/l	# 75
25) 2-Butanone	7.328	43	3209	1.104	ug/l	# 84
26) 2,2-Dichloropropane	7.316	77	1492	0.335	ug/l	# 53
31) Cyclohexane	8.080	56	4899	0.523	ug/l	# 49
36) 1,1-Dichloropropene	8.086	75	16237	4.344	ug/l	# 49
38) Carbon Tetrachloride	8.080	117	17810	4.459	ug/l	# 18
59) 2-Hexanone	11.092	43	1490	0.344	ug/l	78
76) 1,2,3-Trichloropropane	12.727	75	86806	27.657	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	86806	72.331	ug/l	# 10
87) 1,3-Dichlorobenzene	13.604	146	705	0.202	ug/l	# 43
88) 1,4-Dichlorobenzene	13.692	146	892	0.261	ug/l	# 26
93) 1,2,4-Trichlorobenzene	15.262	180	707	0.429	ug/l	# 84
95) Naphthalene	15.509	128	4417	0.691	ug/l	# 89

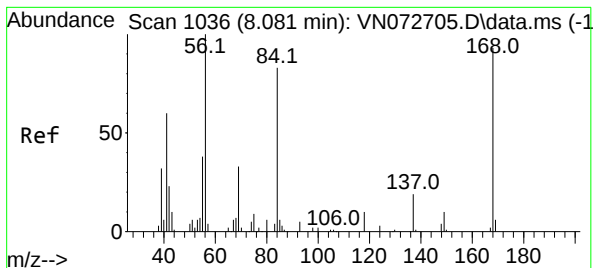
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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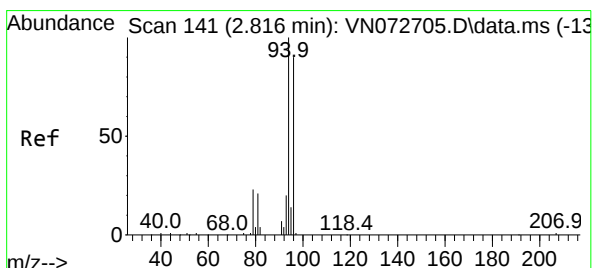
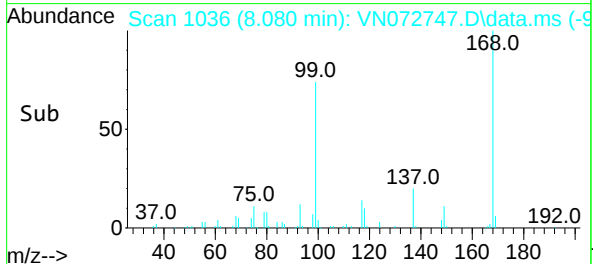
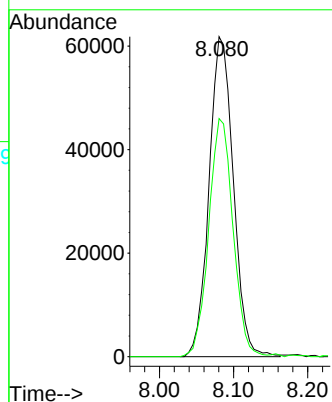
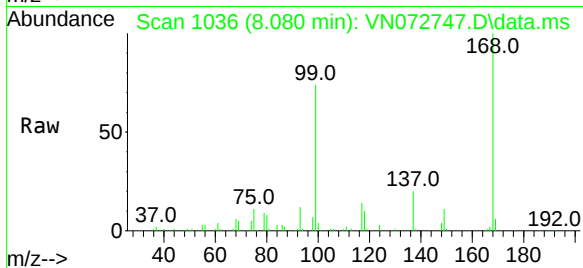




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

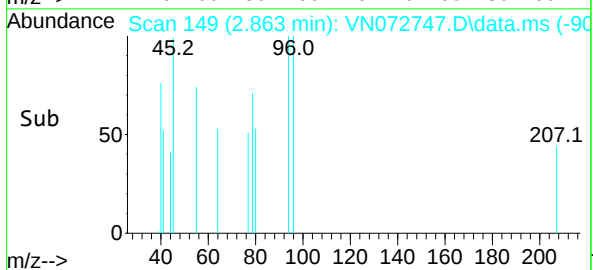
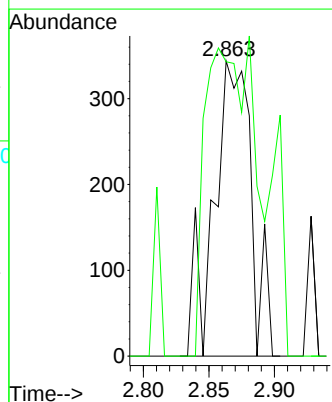
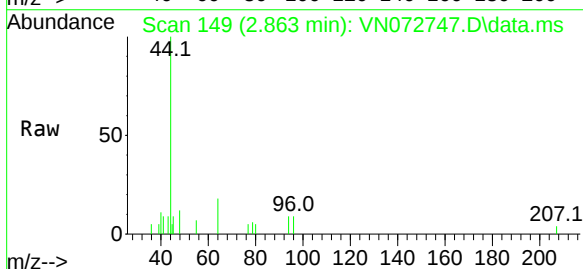
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

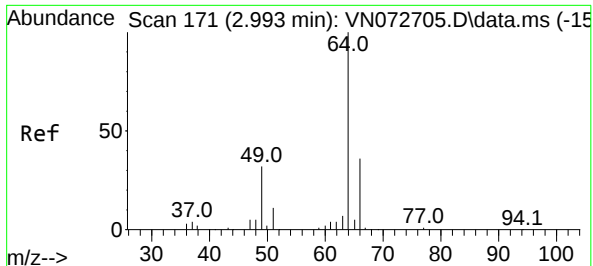
Tgt Ion:168 Resp: 140547
Ion Ratio Lower Upper
168 100
99 74.4 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 149
Delta R.T. 0.047 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 94 Resp: 689
Ion Ratio Lower Upper
94 100
96 99.7 76.0 114.0

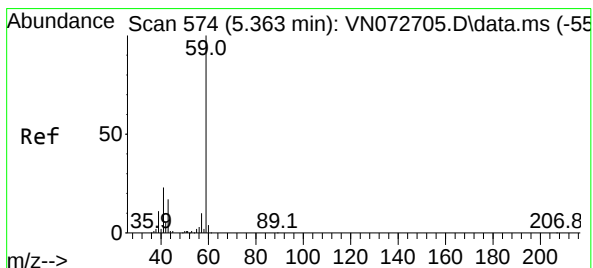
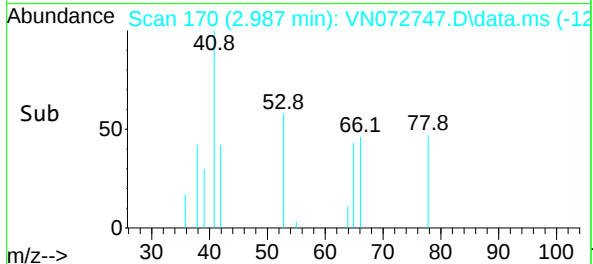
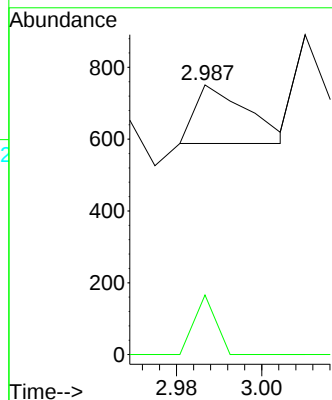
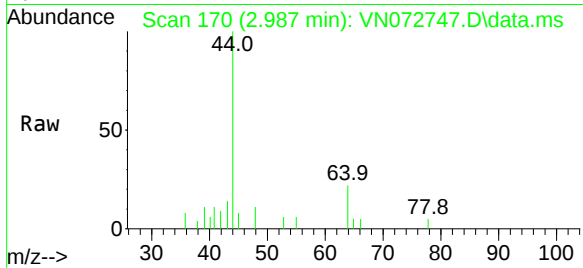




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

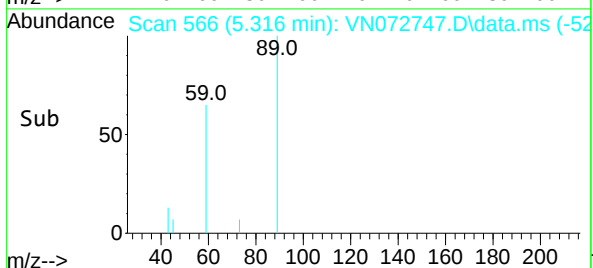
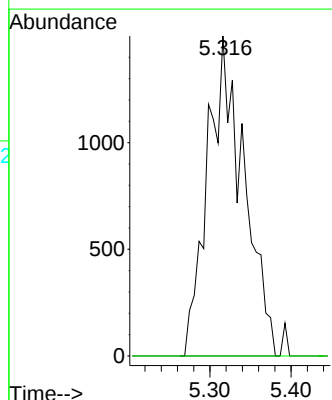
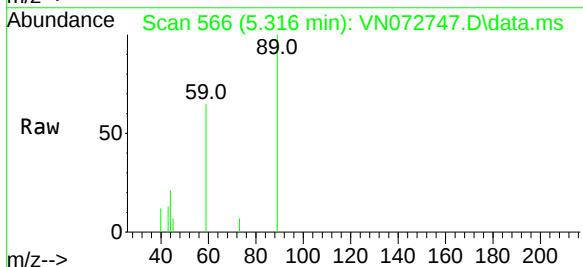
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

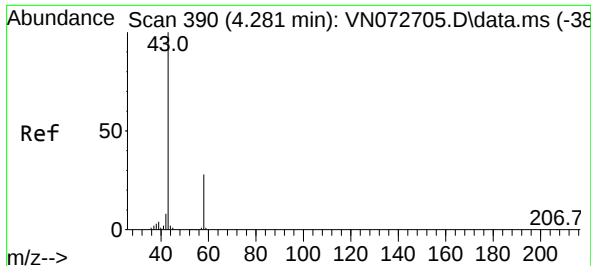
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 101.8 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.153 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.047 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 59 Resp: 4637
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

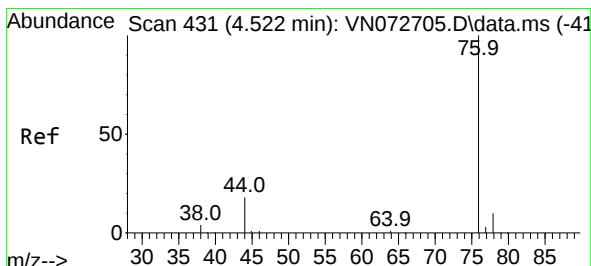
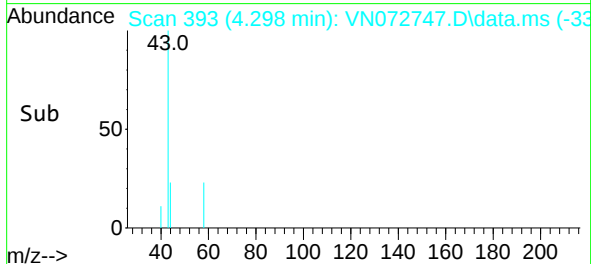
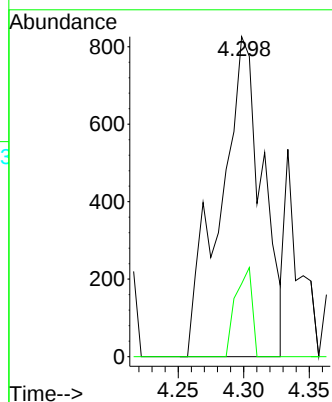
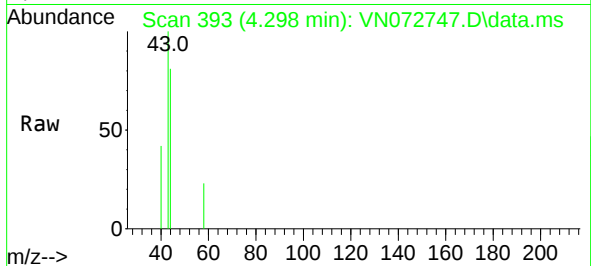




#16
Acetone
Concen: 1.026 ug/l
RT: 4.298 min Scan# 390
Delta R.T. 0.017 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

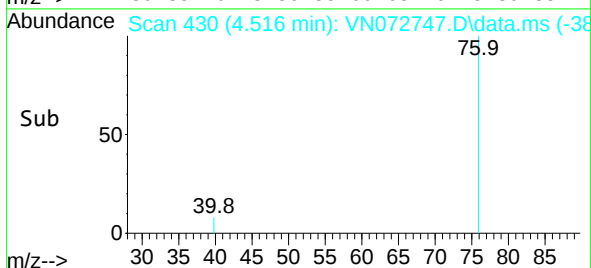
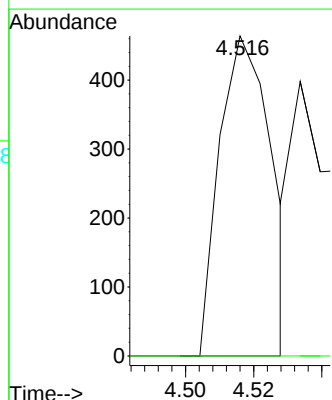
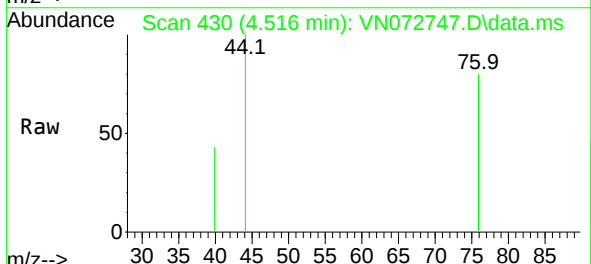
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

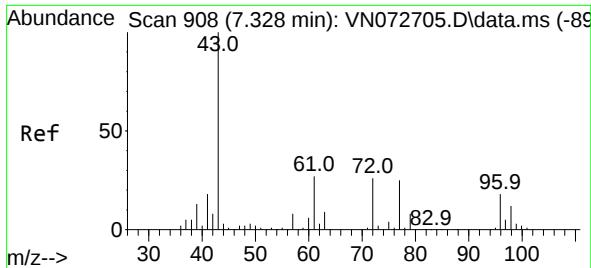
Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
58 22.8 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.388 ug/l
RT: 4.516 min Scan# 430
Delta R.T. -0.006 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 76 Resp: 495
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

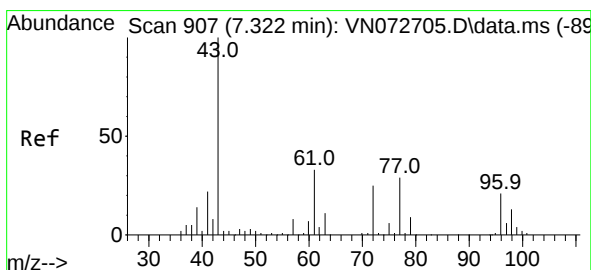
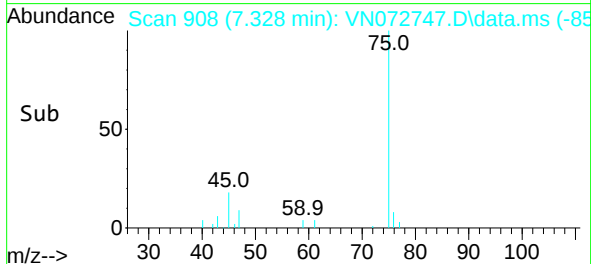
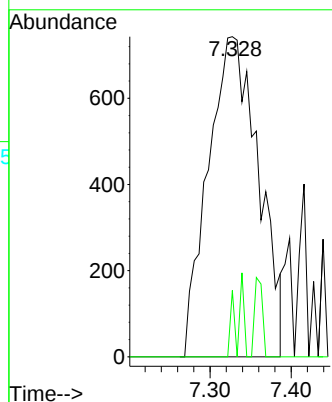
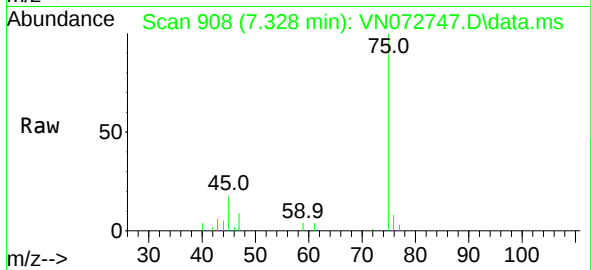




#25
2-Butanone
Concen: 1.104 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

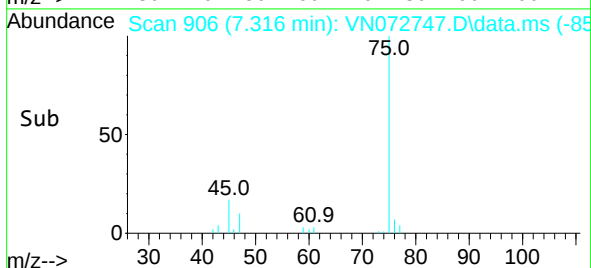
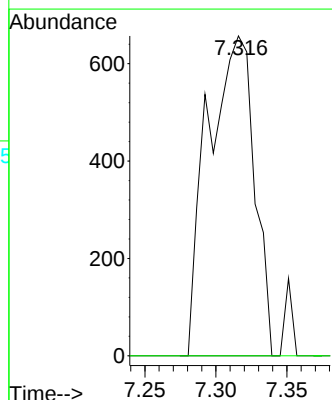
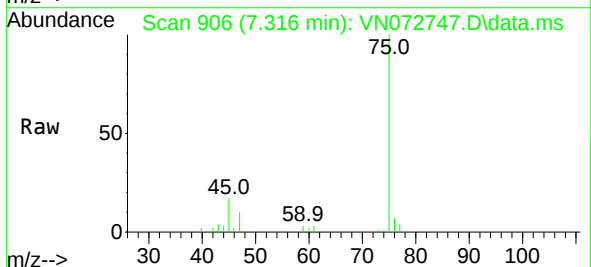
Instrument :
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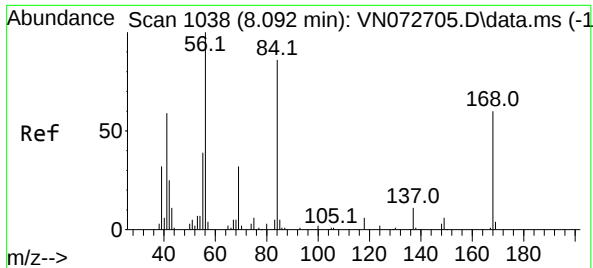
Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
72 20.7 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.335 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 77 Resp: 1492
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

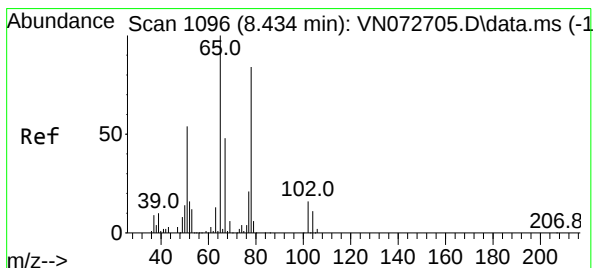
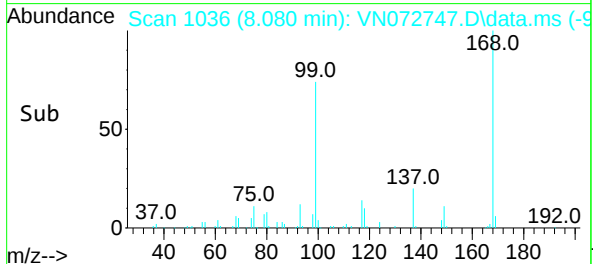
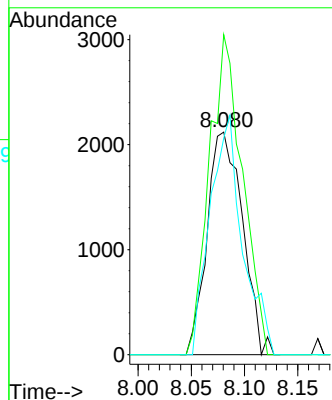
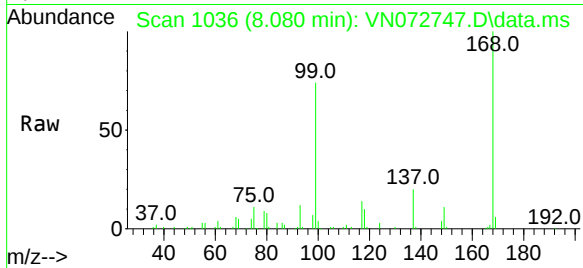




#31
Cyclohexane
Concen: 0.523 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

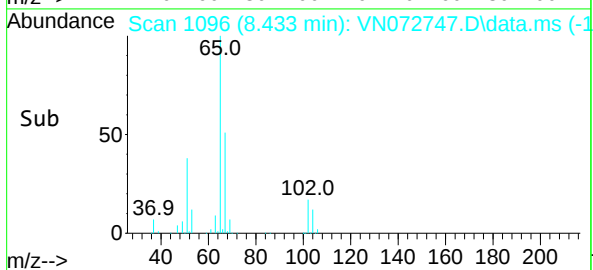
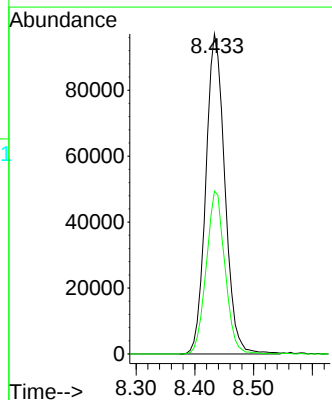
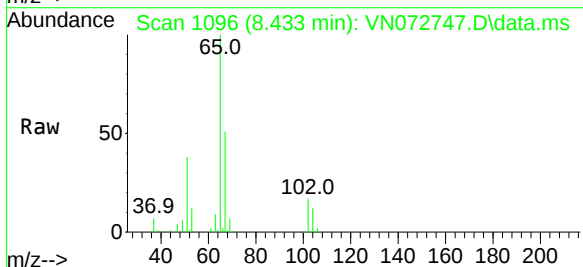
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ClientSampleId :
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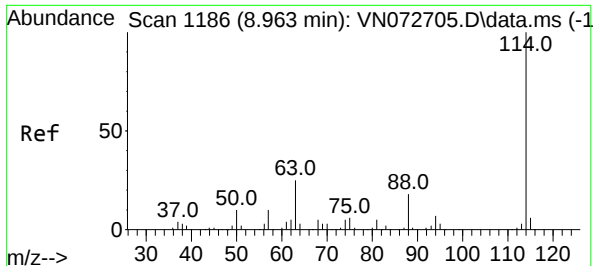
Tgt Ion: 56 Resp: 4899
Ion Ratio Lower Upper
56 100
69 143.7 27.8 41.8#
84 97.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 57.870 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 65 Resp: 218297
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072747.D

Acq: 09 Jun 2022 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBL03

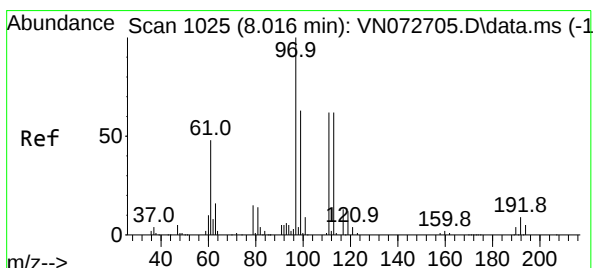
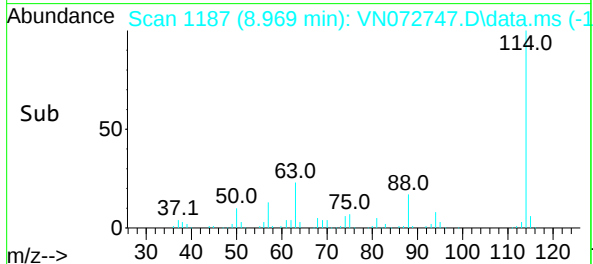
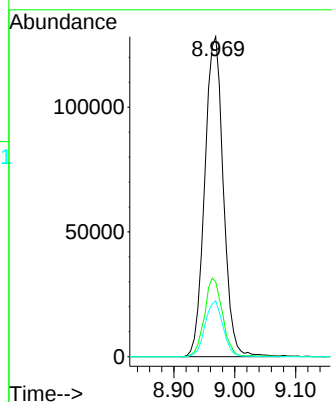
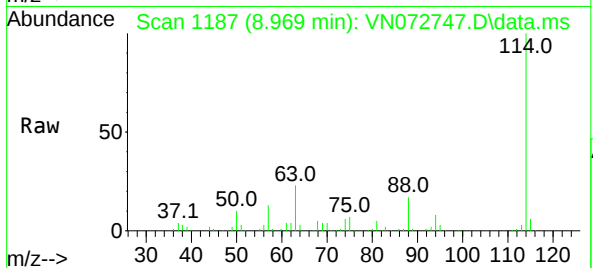
Tgt Ion:114 Resp: 272143

Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.715 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072747.D

Acq: 09 Jun 2022 22:47

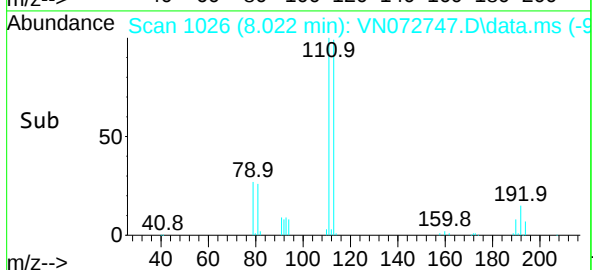
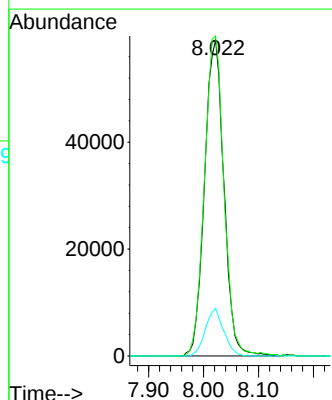
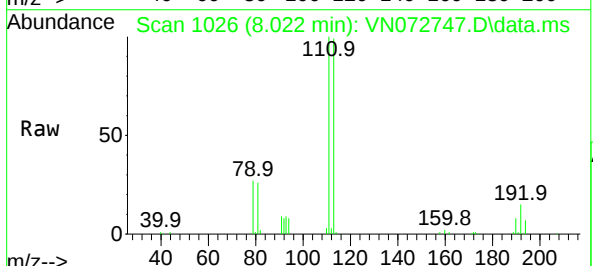
Tgt Ion:113 Resp: 144644

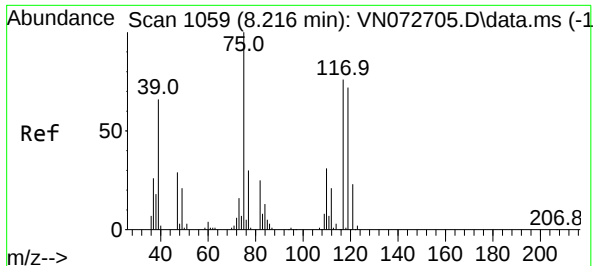
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 14.2 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.344 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072747.D

Acq: 09 Jun 2022 22:47

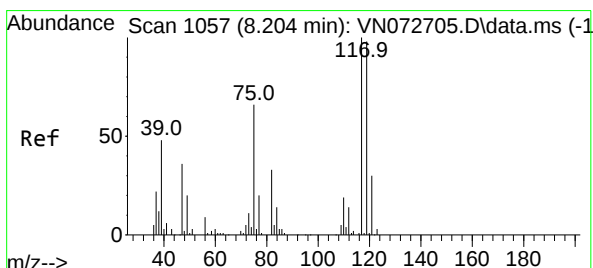
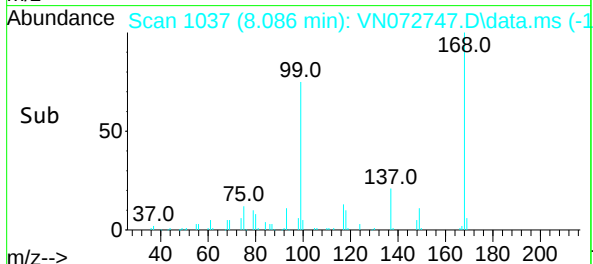
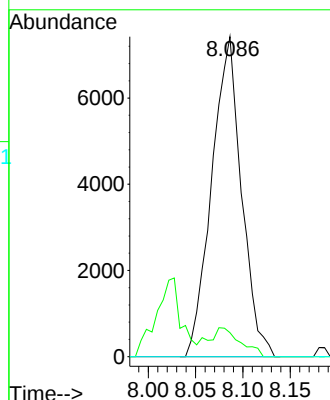
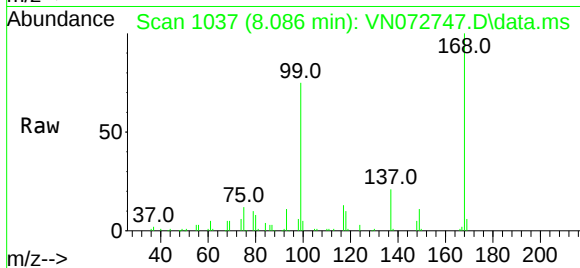
Instrument :

MSVOA_N

ClientSampleId :

VN0609WBL03

Tgt Ion: 75	Resp: 16237
Ion Ratio	Lower Upper
75	100
110	9.7 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.459 ug/l

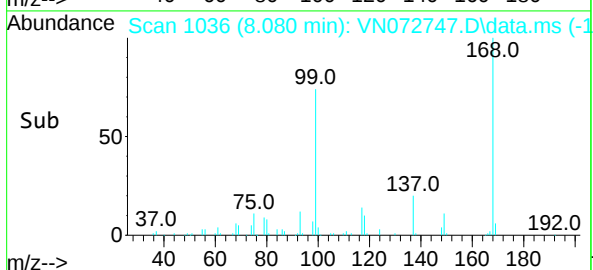
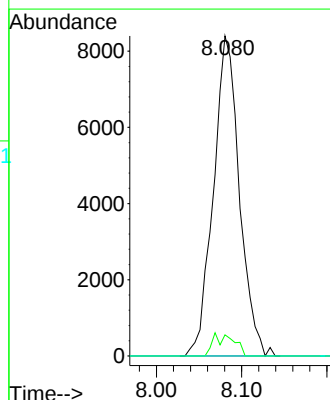
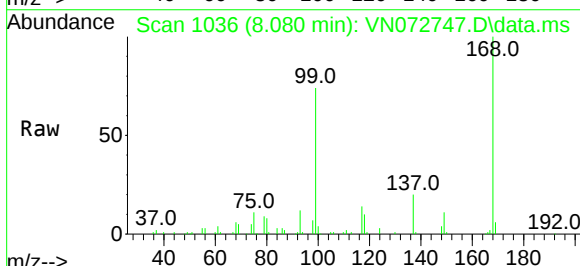
RT: 8.080 min Scan# 1036

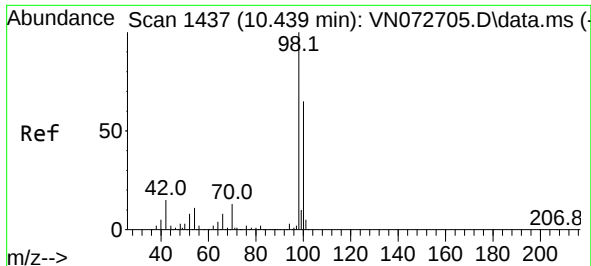
Delta R.T. -0.124 min

Lab File: VN072747.D

Acq: 09 Jun 2022 22:47

Tgt Ion: 117	Resp: 17810
Ion Ratio	Lower Upper
117	100
119	6.6 75.8 113.8#
121	0.0 24.6 37.0#

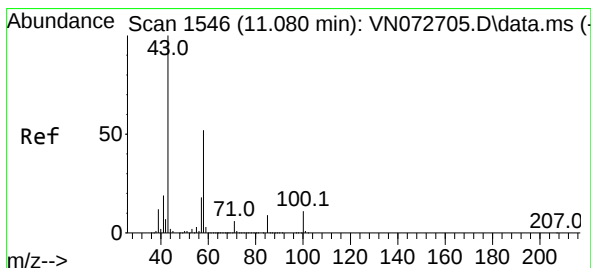
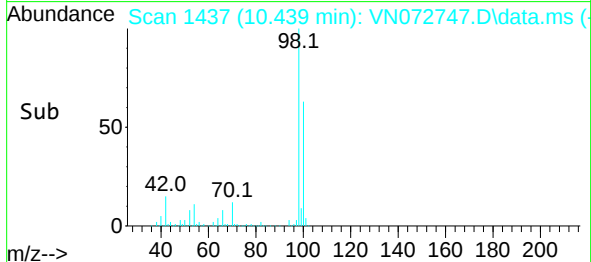
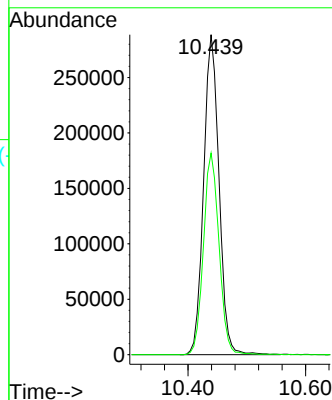
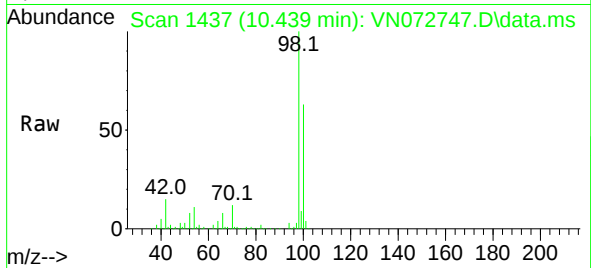




#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

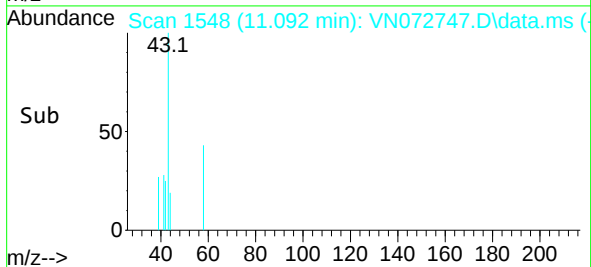
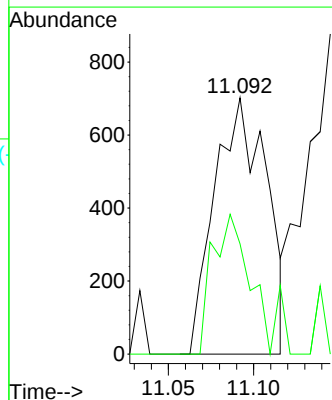
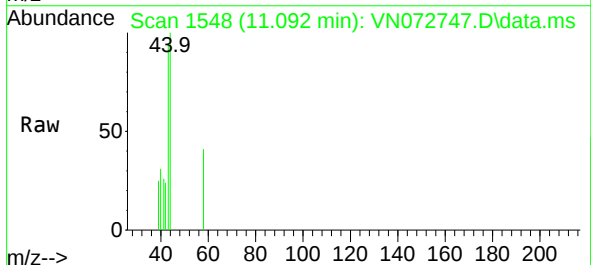
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

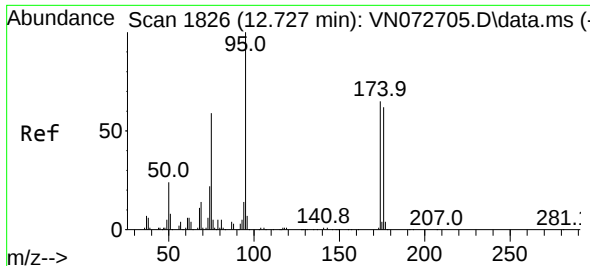
Tgt Ion: 98 Resp: 525191
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#59
2-Hexanone
Concen: 0.344 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
58 42.9 29.7 89.1

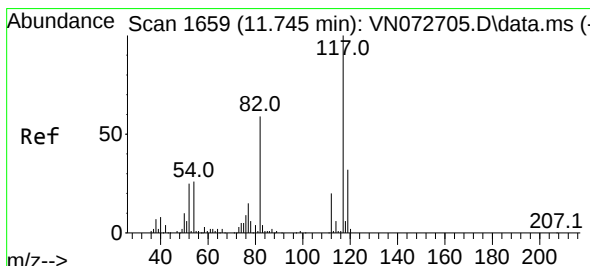
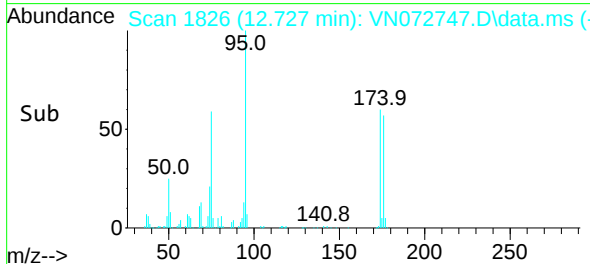
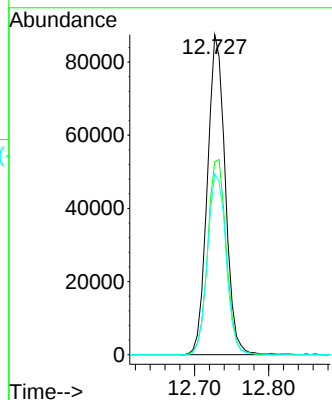
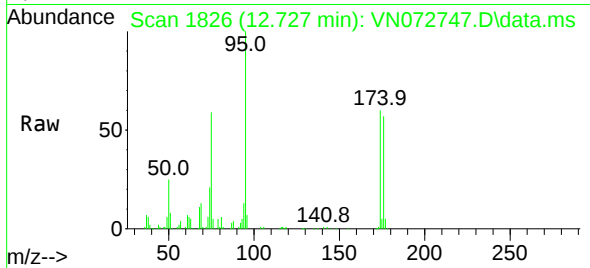




#62
4-Bromofluorobenzene
Concen: 39.682 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

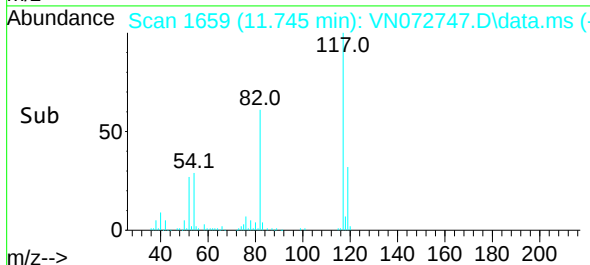
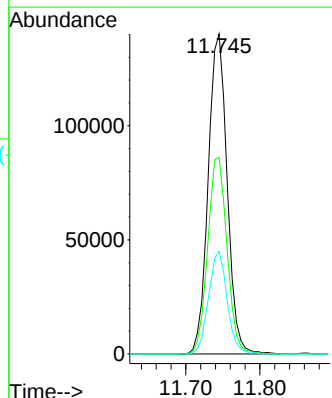
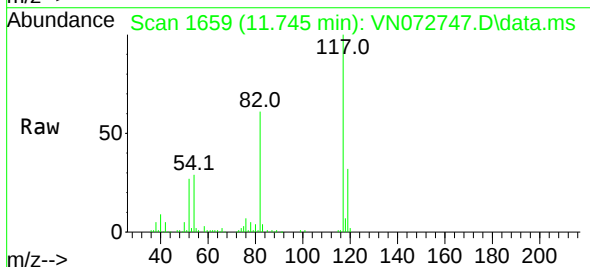
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

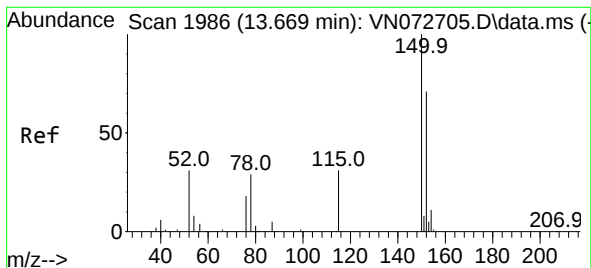
Tgt Ion: 95 Resp: 146297
Ion Ratio Lower Upper
95 100
174 63.4 0.0 167.6
176 59.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 117 Resp: 249588
Ion Ratio Lower Upper
117 100
82 61.4 44.2 66.2
119 32.1 25.4 38.0

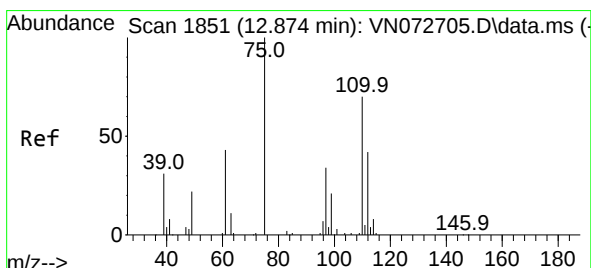
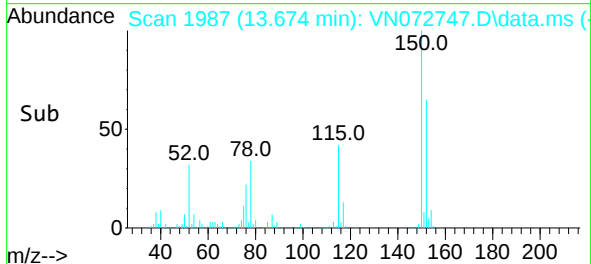
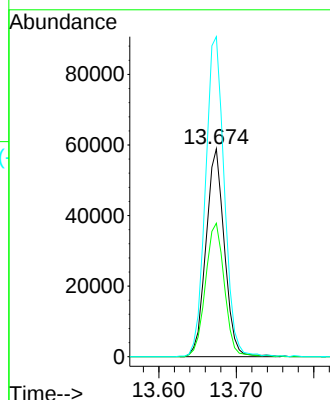
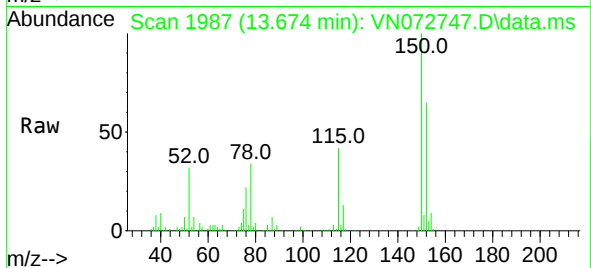




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

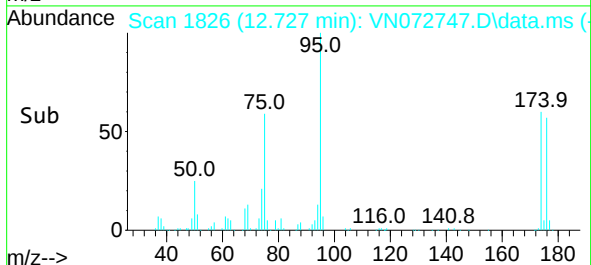
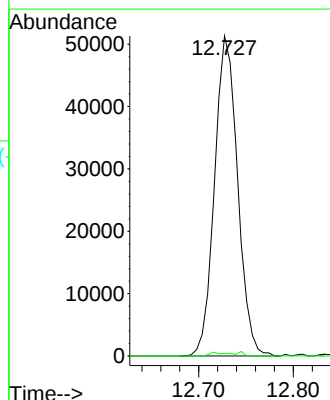
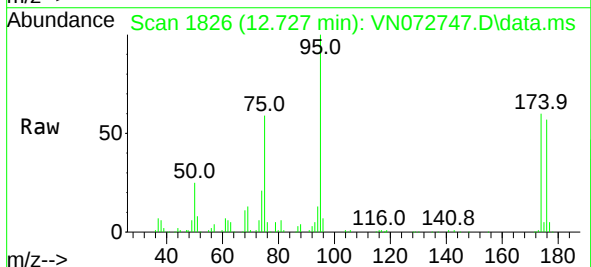
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

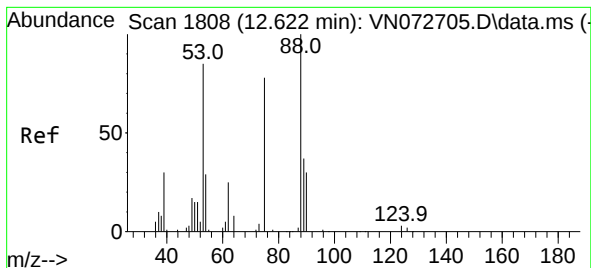
Tgt Ion:152 Resp: 97264
Ion Ratio Lower Upper
152 100
115 66.2 28.9 86.7
150 157.3 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 27.657 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 75 Resp: 86806
Ion Ratio Lower Upper
75 100
77 0.6 98.5 295.5#

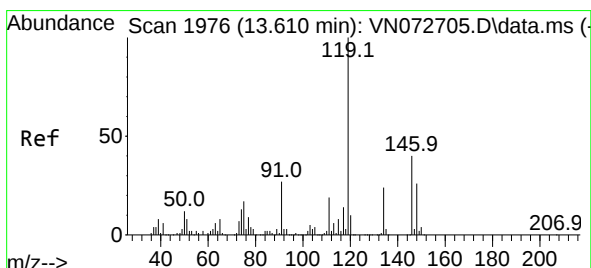
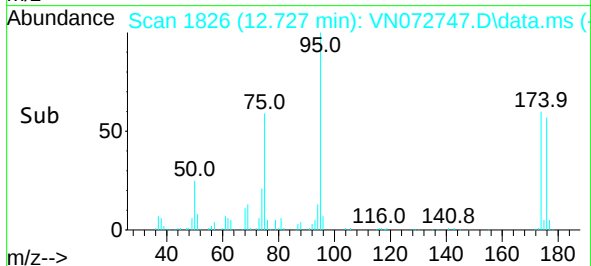
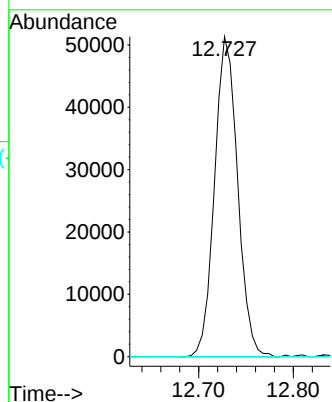
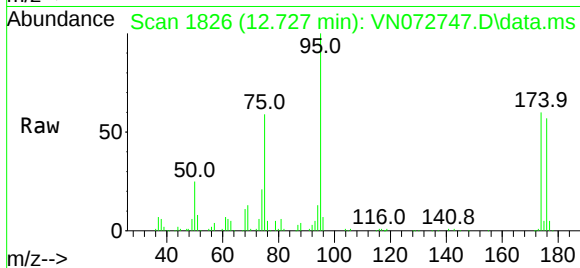




#81
trans-1,4-Dichloro-2-butene
Concen: 72.331 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

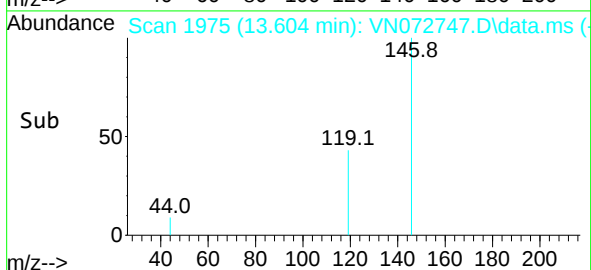
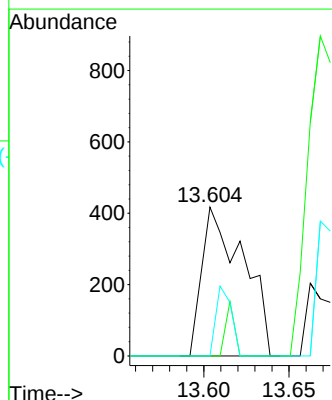
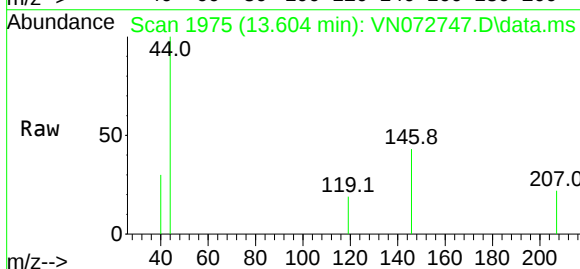
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL03

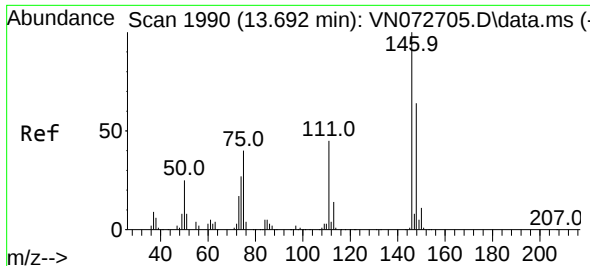
Tgt Ion: 75 Resp: 86806
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#87
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN072747.D
Acq: 09 Jun 2022 22:47

Tgt Ion: 146 Resp: 705
Ion Ratio Lower Upper
146 100
111 7.7 20.0 60.0#
148 17.3 32.0 96.0#

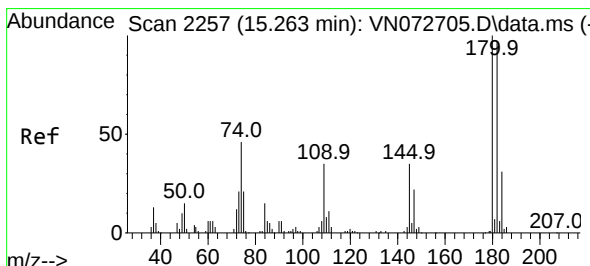
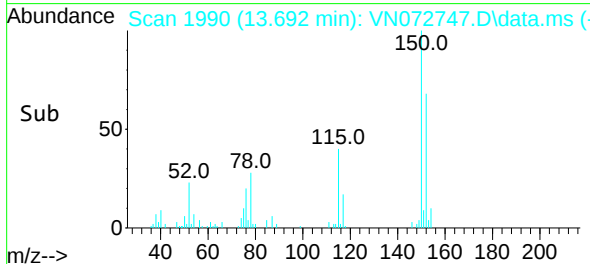
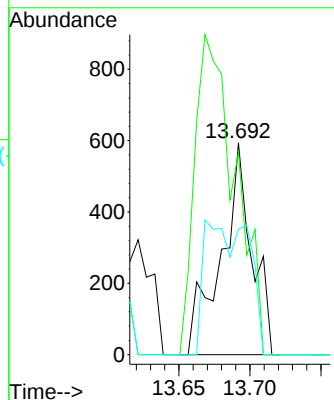
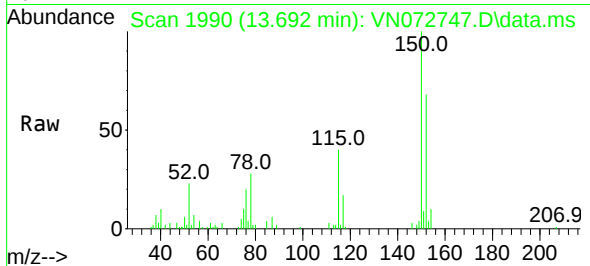




#88
 1,4-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN072747.D
 Acq: 09 Jun 2022 22:47

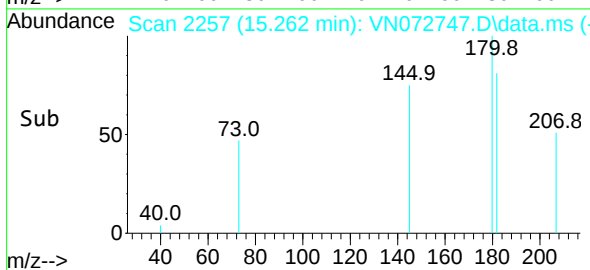
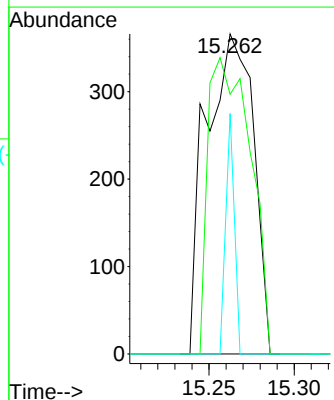
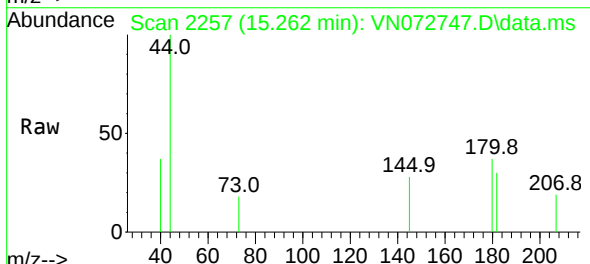
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBL03

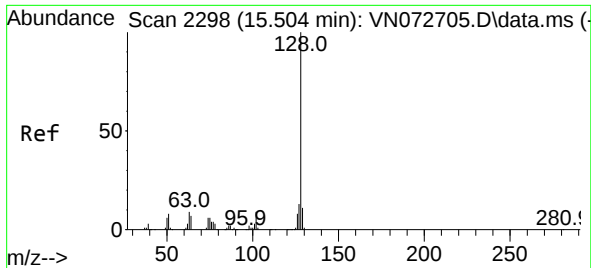
Tgt Ion:146 Resp: 892
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.1#
 148 0.0 31.4 94.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.429 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. -0.001 min
 Lab File: VN072747.D
 Acq: 09 Jun 2022 22:47

Tgt Ion:180 Resp: 707
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.5 142.5
 145 13.7 14.5 43.5#





#95

Naphthalene

Concen: 0.691 ug/l

RT: 15.509 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072747.D

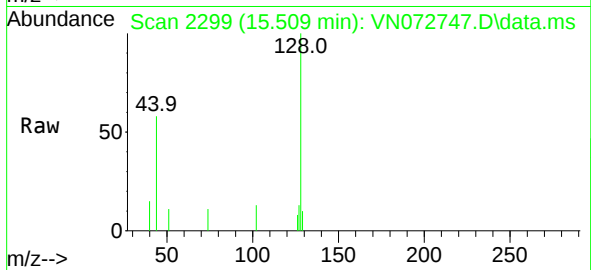
Acq: 09 Jun 2022 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBL03



Tgt Ion:128 Resp: 4417

Ion Ratio Lower Upper

128 100

127 8.9 10.3 15.5#

129 5.8 8.6 13.0#

