

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071725.D
 Acq On : 01 Apr 2022 00:26
 Operator : JC\MD
 Sample : N2090-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB032122

Quant Time: Apr 01 01:42:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

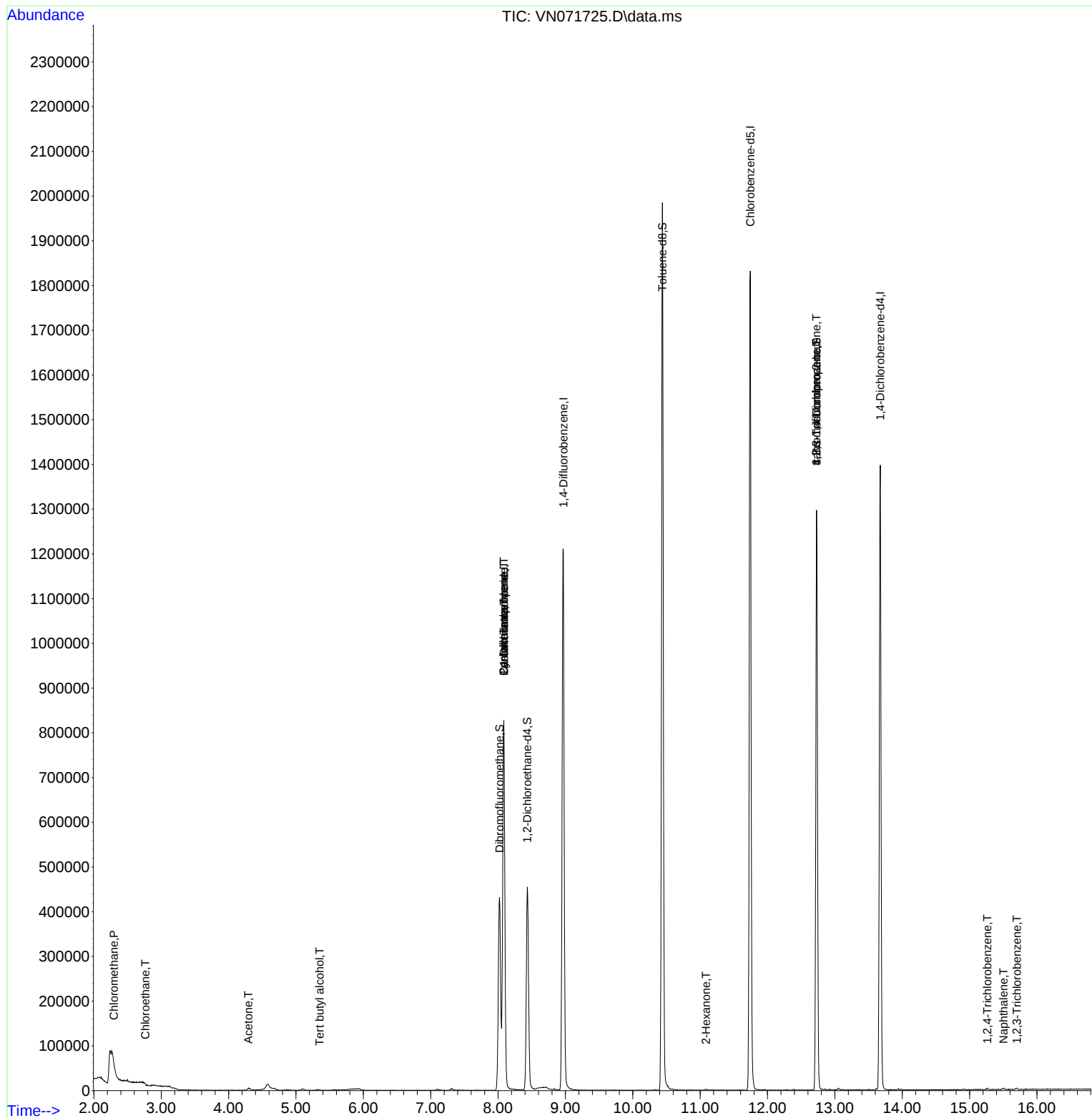
Internal Standards						
1) Pentafluorobenzene	8.087	168	670320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1141664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1154475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	387668	50.659	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.320%
35) Dibromofluoromethane	8.022	113	329282	49.015	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.020%
50) Toluene-d8	10.439	98	1432444	52.123	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.727	95	464755	52.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.580%
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	2619	0.388	ug/l	94
6) Chloroethane	2.763	64	1085	0.203	ug/l #	51
11) Tert butyl alcohol	5.351	59	473	0.381	ug/l #	72
16) Acetone	4.293	43	6123	1.872	ug/l	91
18) Methyl Acetate	4.863	43	1515	Below Cal	#	70
31) Cyclohexane	8.087	56	11990	1.152	ug/l #	3
36) 1,1-Dichloropropene	8.087	75	46653	4.973	ug/l #	48
38) Carbon Tetrachloride	8.087	117	59968	6.522	ug/l #	17
59) 2-Hexanone	11.086	43	2225	0.322	ug/l	88
76) 1,2,3-Trichloropropane	12.727	75	229262	23.842	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	229262	73.885	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	947	2.223	ug/l	78
95) Naphthalene	15.504	128	3374	3.968	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.704	180	1460	2.631	ug/l #	82

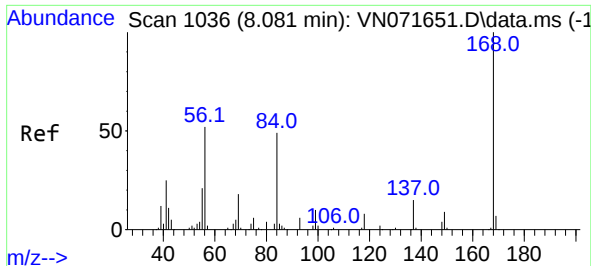
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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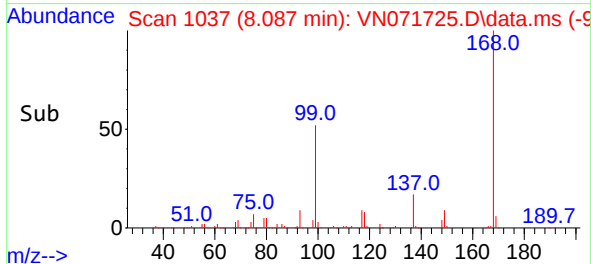
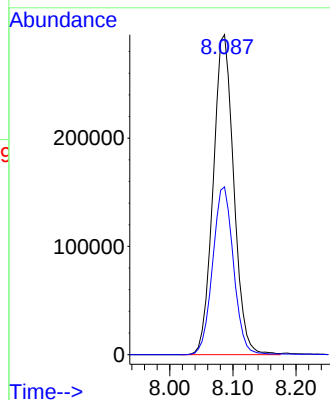
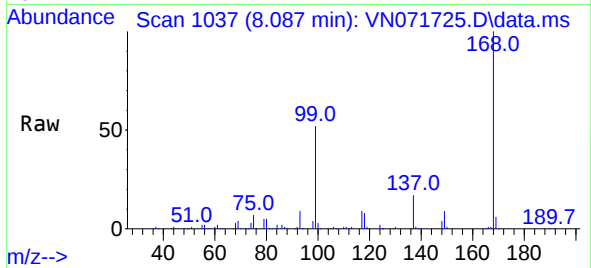




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

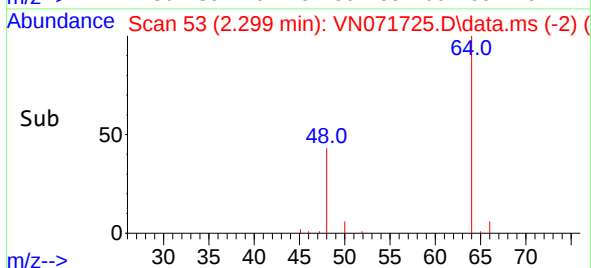
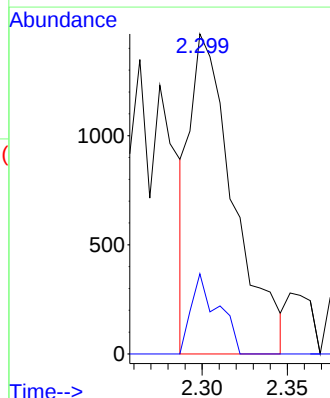
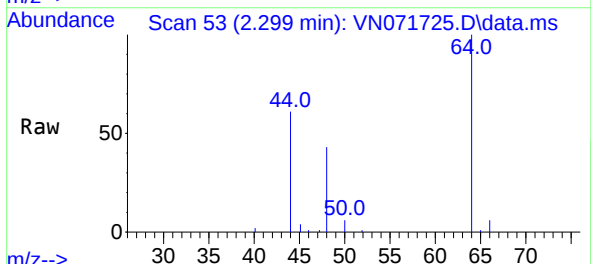
Instrument :
MSVOA_N
ClientSampleId :
FB032122

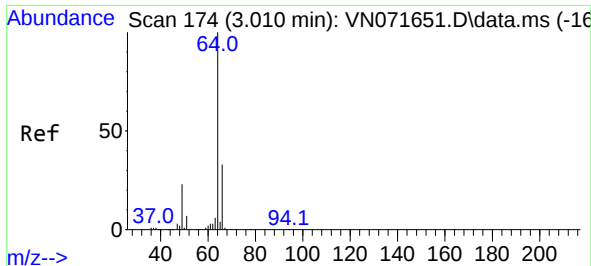
Tgt Ion:168 Resp: 670320
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#3
Chloromethane
Concen: 0.388 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 50 Resp: 2619
Ion Ratio Lower Upper
50 100
52 28.7 25.7 38.5

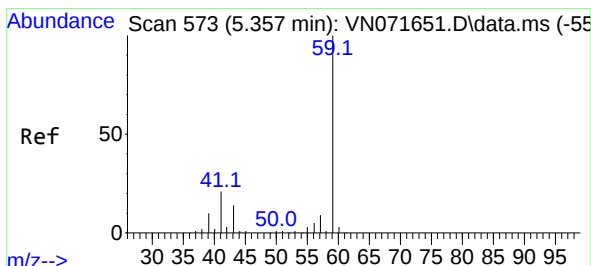
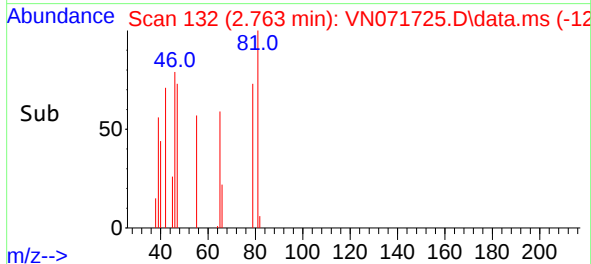
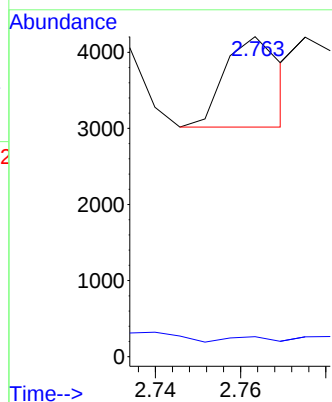
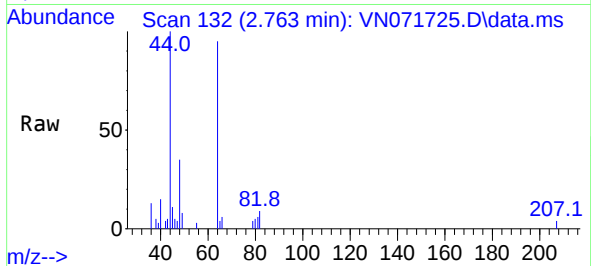




#6
Chloroethane
Concen: 0.203 ug/l
RT: 2.763 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

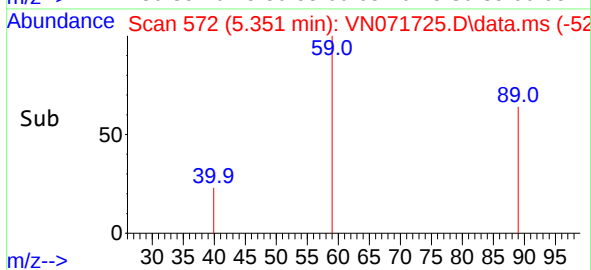
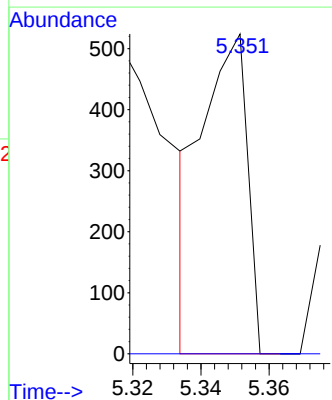
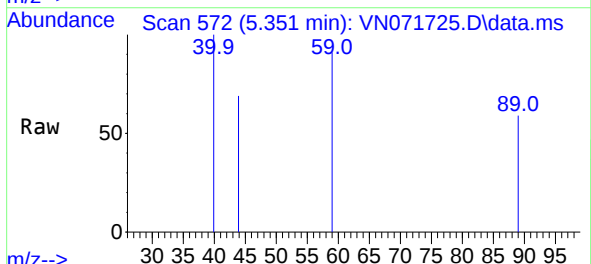
Instrument :
MSVOA_N
ClientSampleId :
FB032122

Tgt Ion: 64 Resp: 1085
Ion Ratio Lower Upper
64 100
66 5.1 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.381 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

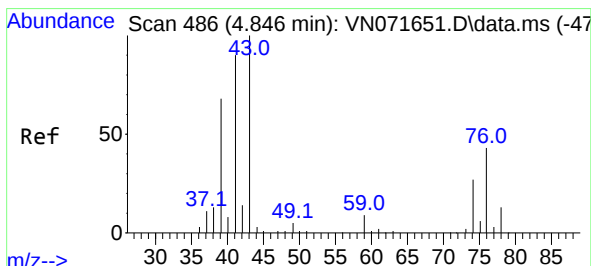
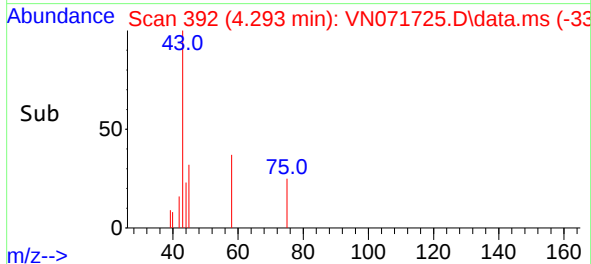
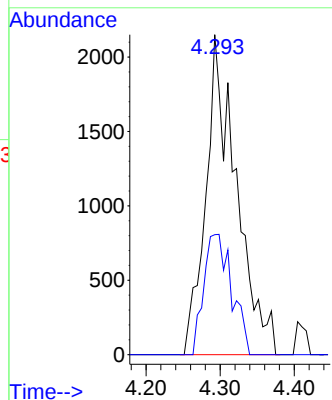
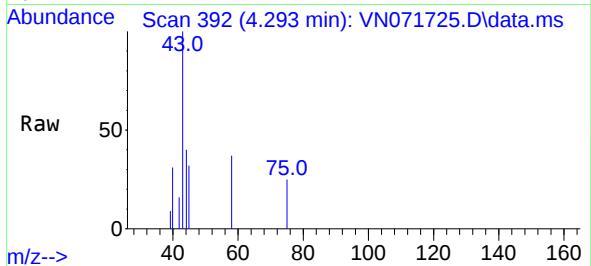




#16
Acetone
Concen: 1.872 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

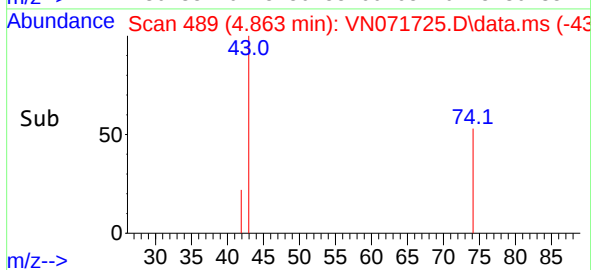
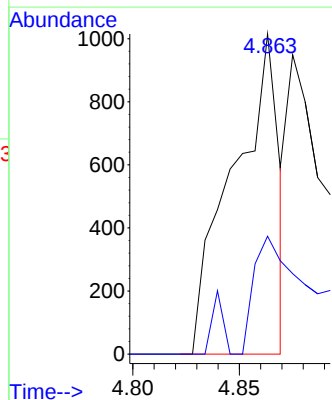
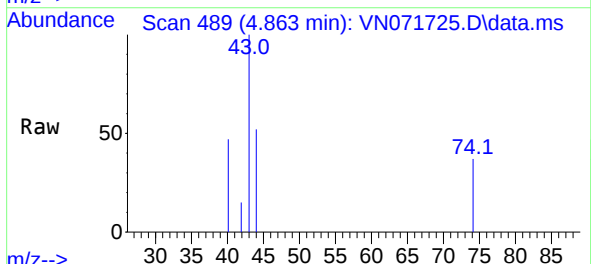
Instrument :
MSVOA_N
ClientSampleId :
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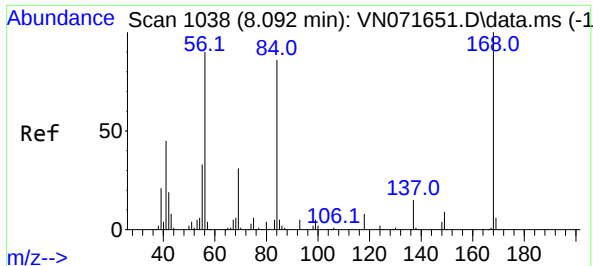
Tgt Ion: 43 Resp: 6123
Ion Ratio Lower Upper
43 100
58 37.5 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
74 42.5 21.6 32.4#





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN071725.D

Acq: 01 Apr 2022 00:26

Instrument :

MSVOA_N

ClientSampleId :

FB032122

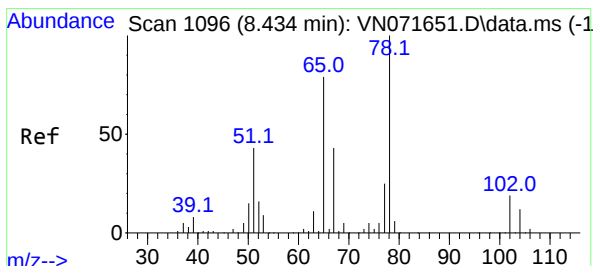
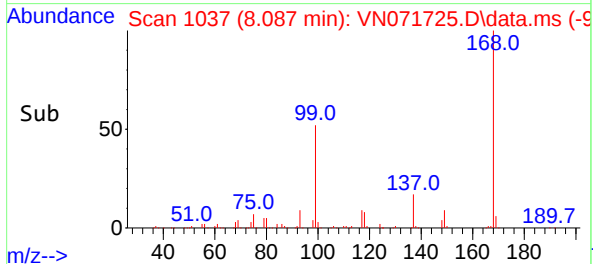
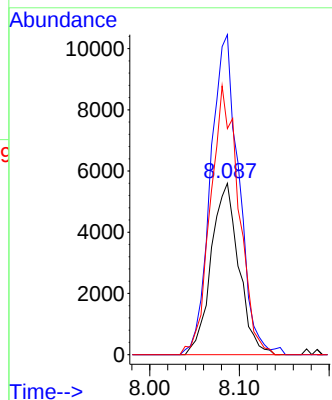
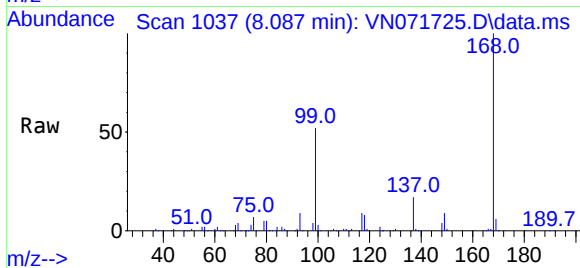
Tgt Ion: 56 Resp: 11990

Ion Ratio Lower Upper

56 100

69 186.7 27.8 41.8#

84 131.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.659 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071725.D

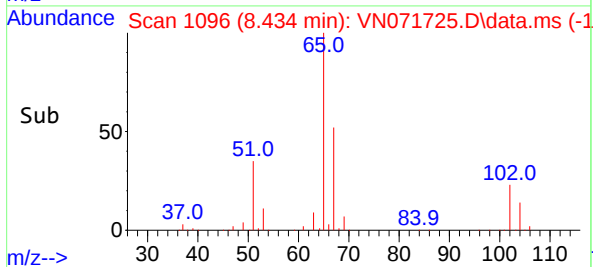
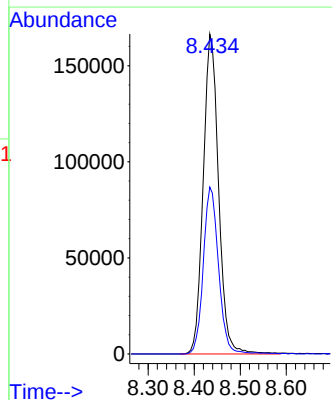
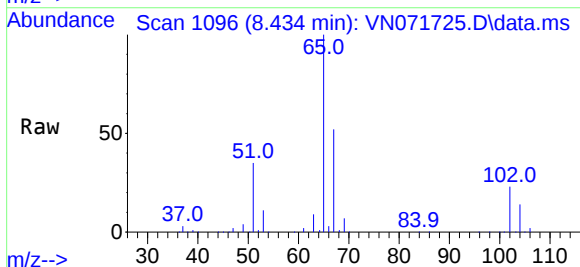
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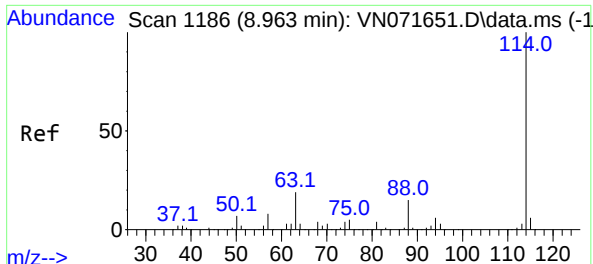
Tgt Ion: 65 Resp: 387668

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8

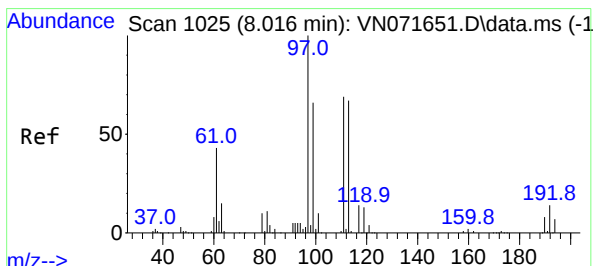
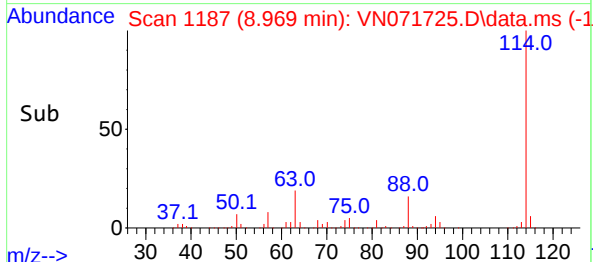
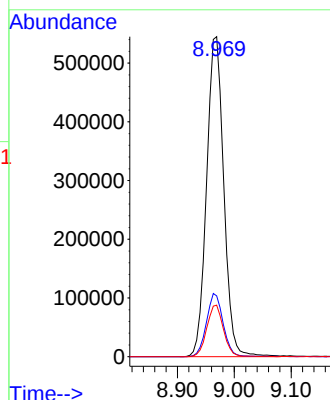
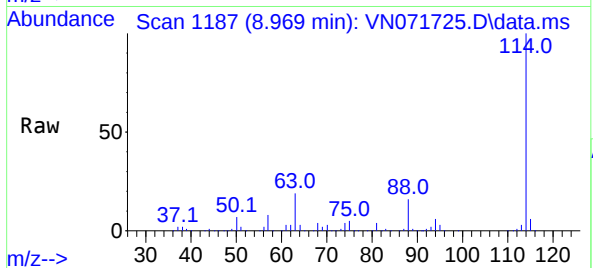




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

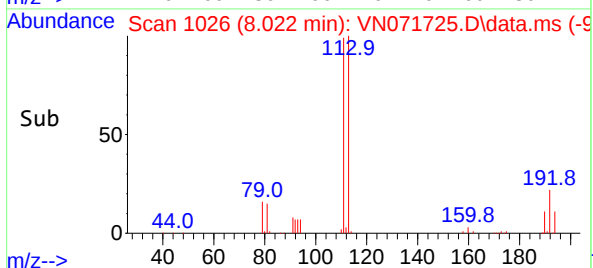
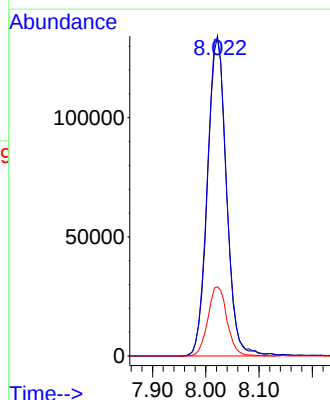
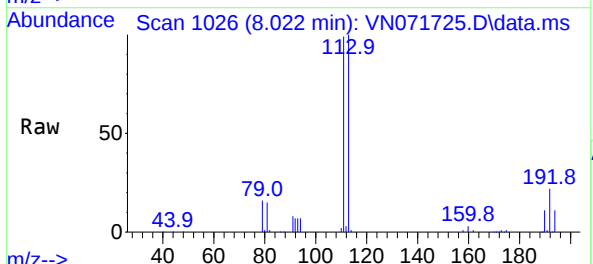
Instrument :
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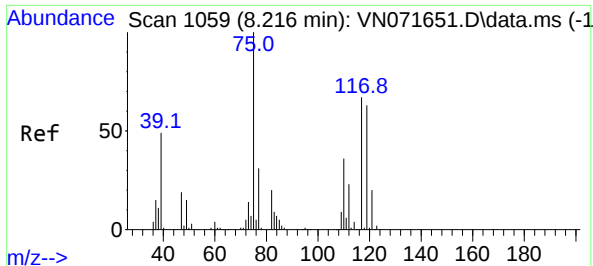
Tgt Ion:114 Resp: 1141664
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.015 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion:113 Resp: 329282
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 21.9 17.0 25.6

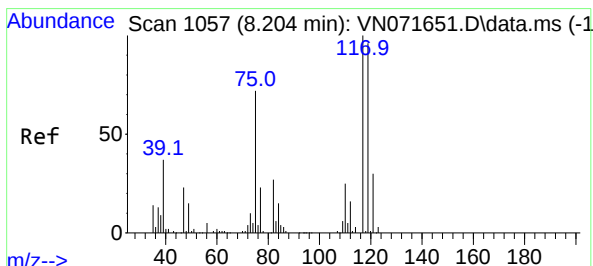
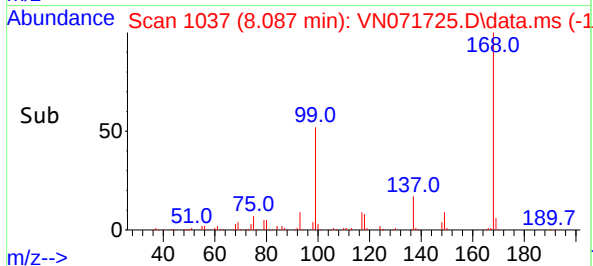
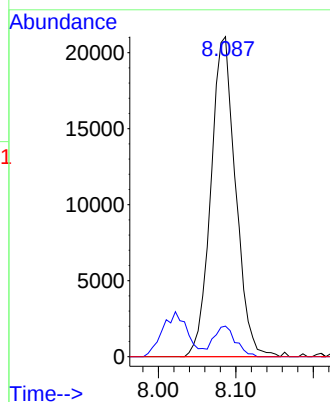
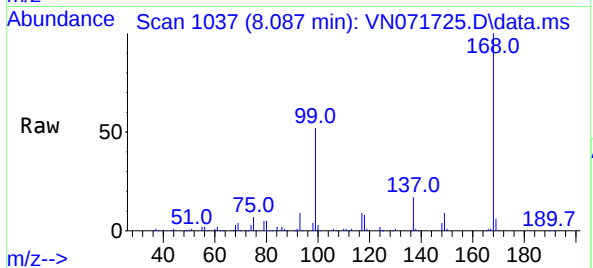




#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

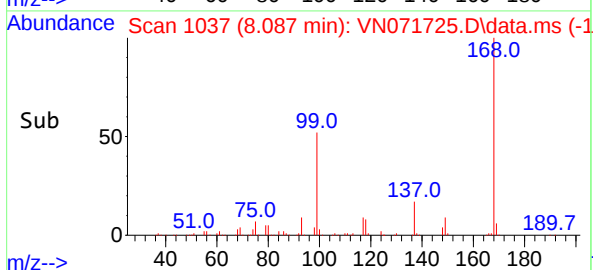
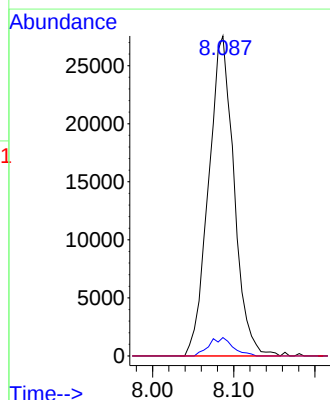
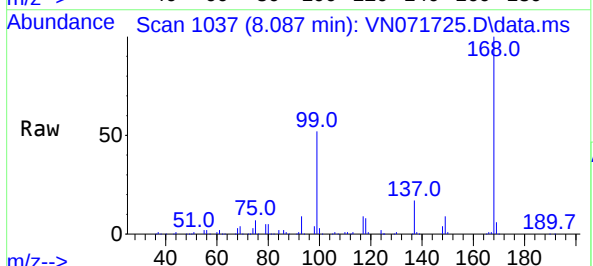
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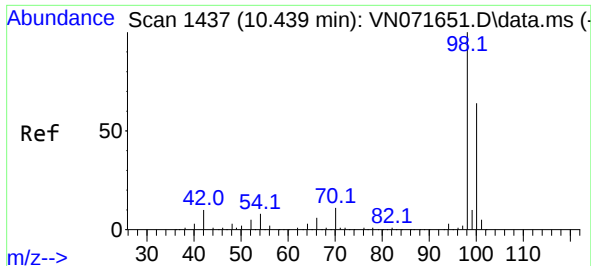
Tgt Ion: 75 Resp: 46653
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 117 Resp: 59968
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#

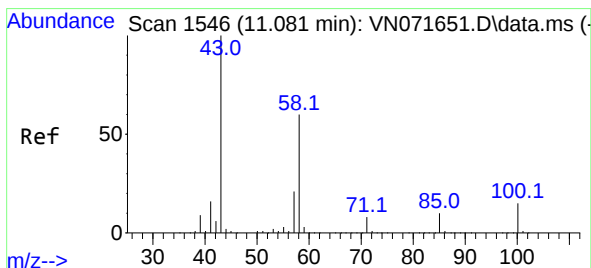
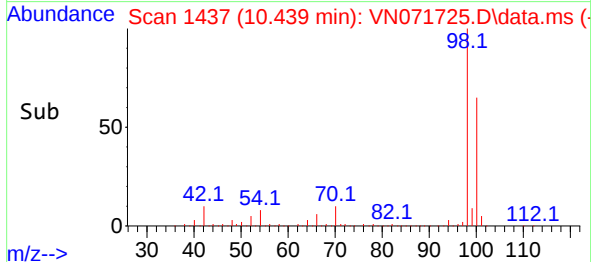
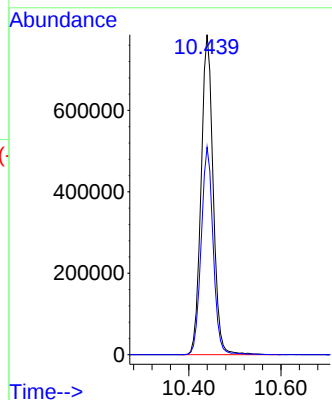
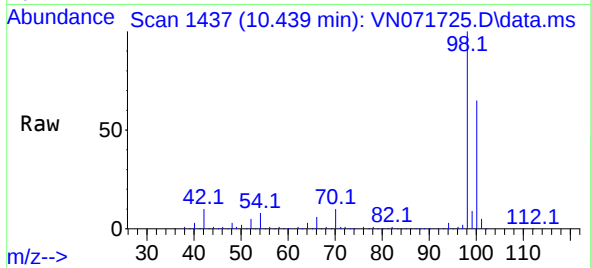




#50
Toluene-d8
Concen: 52.123 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

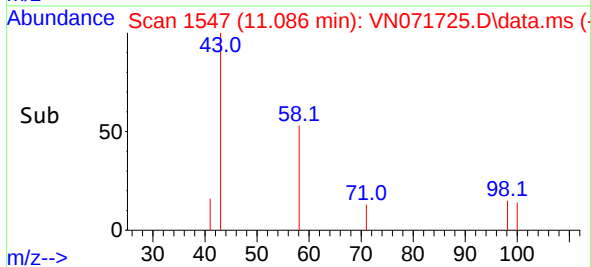
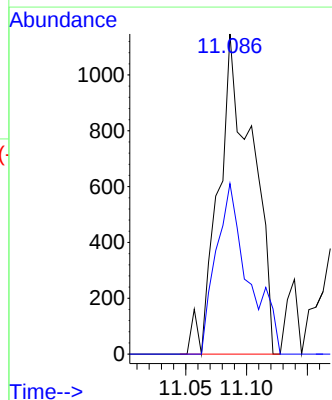
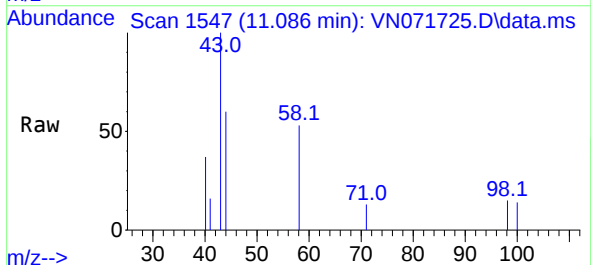
Instrument :
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ClientSampleId :
FB032122

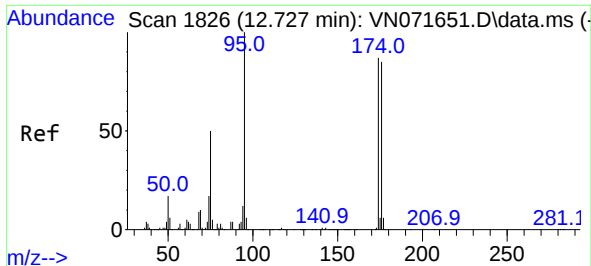
Tgt Ion: 98 Resp: 1432444
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#59
2-Hexanone
Concen: 0.322 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1

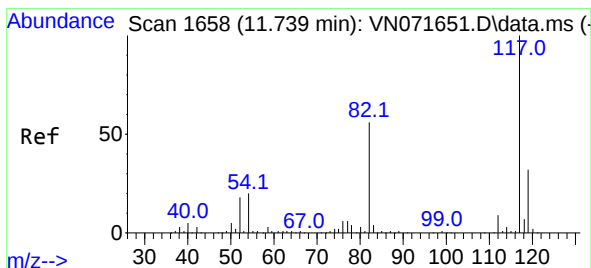
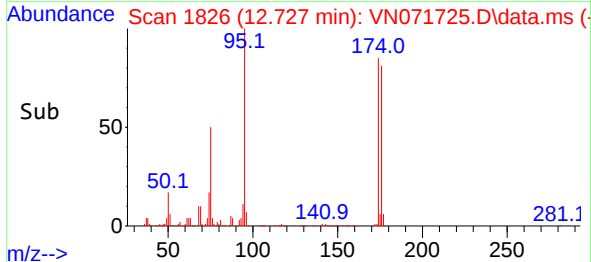
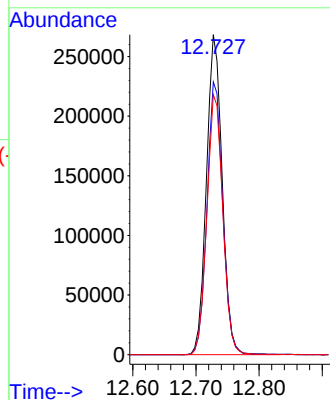
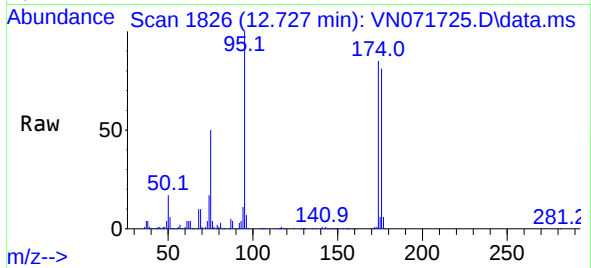




#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

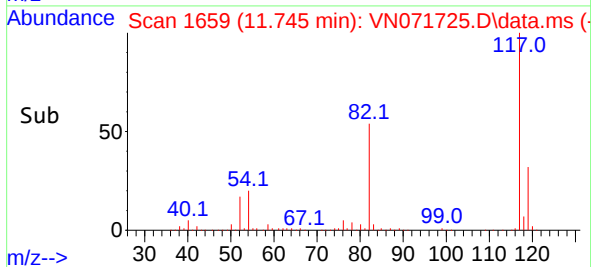
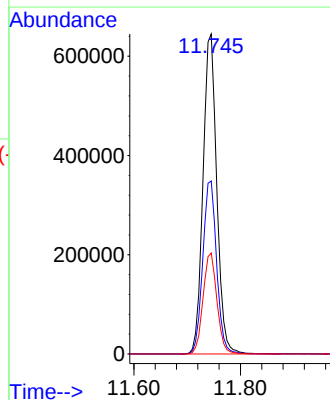
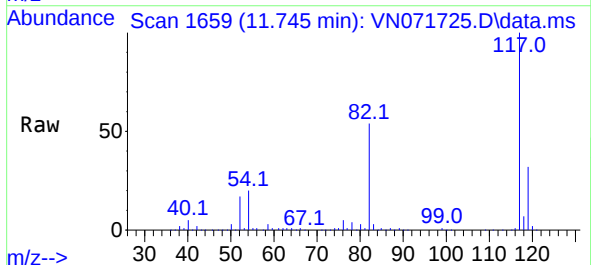
Instrument :
MSVOA_N
ClientSampleId :
FB032122

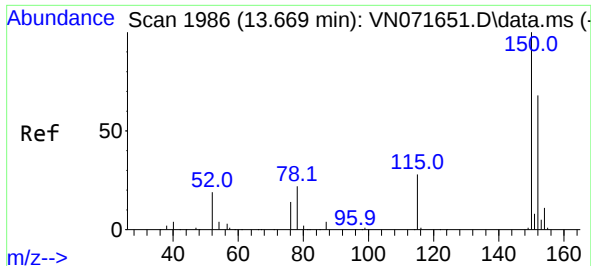
Tgt Ion: 95 Resp: 464755
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 117 Resp: 1154475
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.6 25.4 38.0

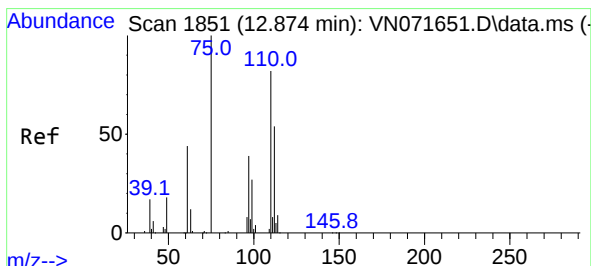
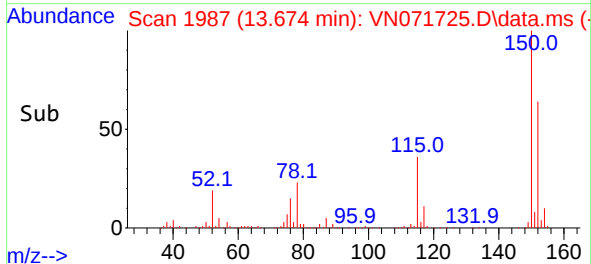
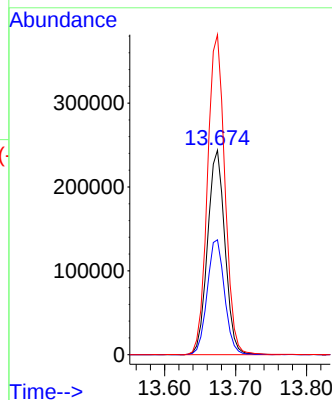
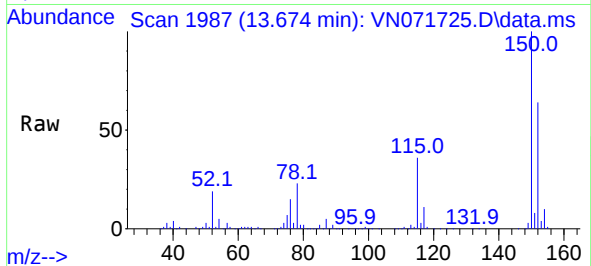




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

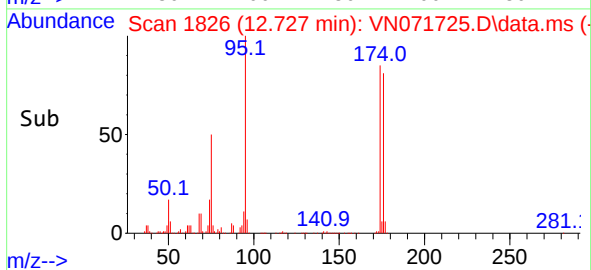
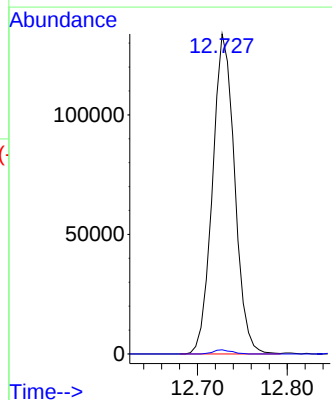
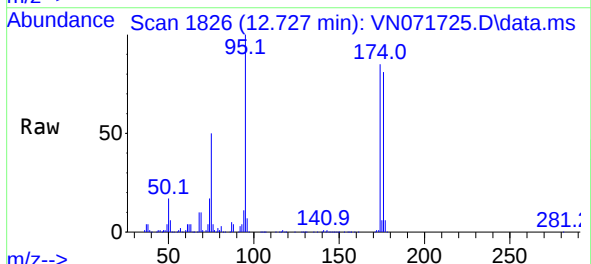
Instrument :
MSVOA_N
ClientSampleId :
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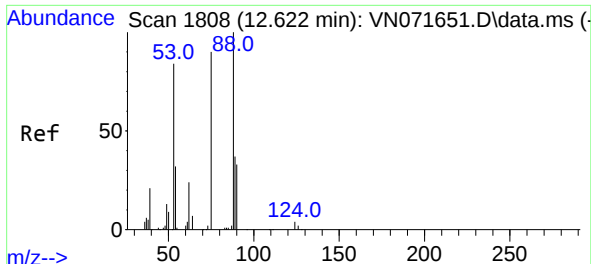
Tgt Ion:152 Resp: 415093
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 156.9 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.842 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 75 Resp: 229262
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

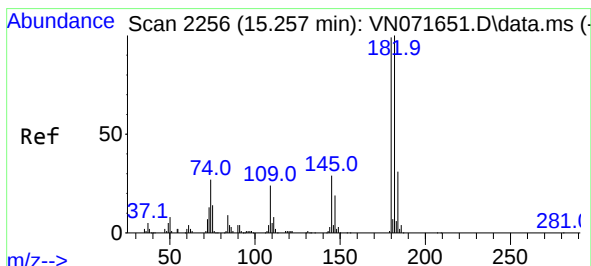
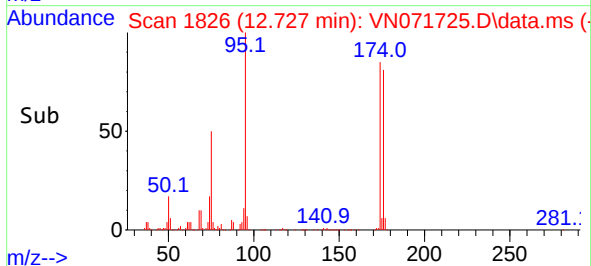
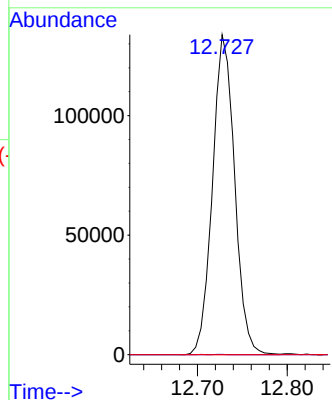
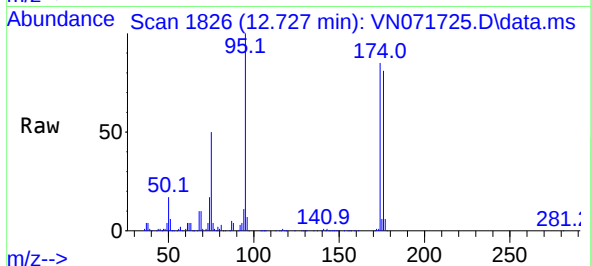




#81
trans-1,4-Dichloro-2-butene
Concen: 73.885 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

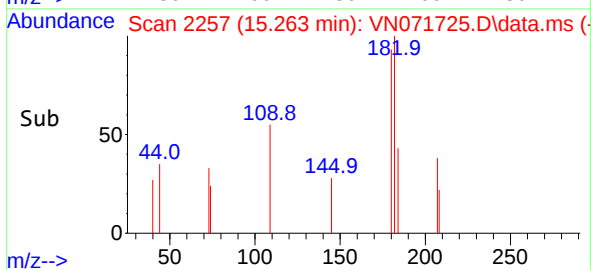
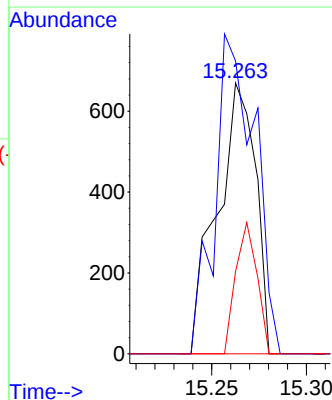
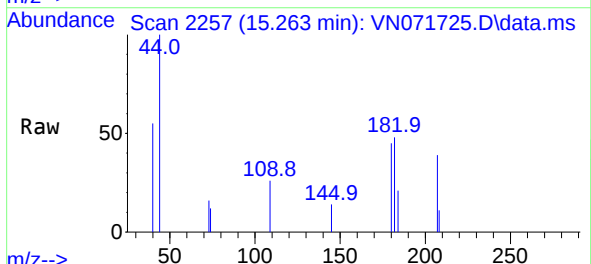
Instrument :
MSVOA_N
ClientSampleId :
FB032122

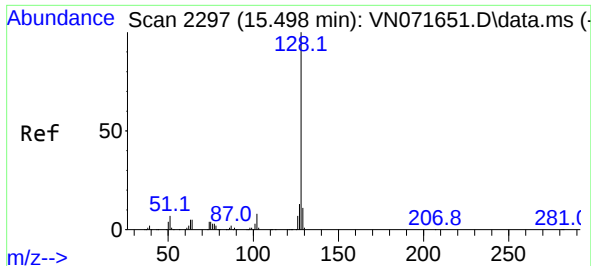
Tgt Ion: 75 Resp: 229262
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.223 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion:180 Resp: 947
Ion Ratio Lower Upper
180 100
182 121.6 47.5 142.5
145 26.7 14.5 43.5

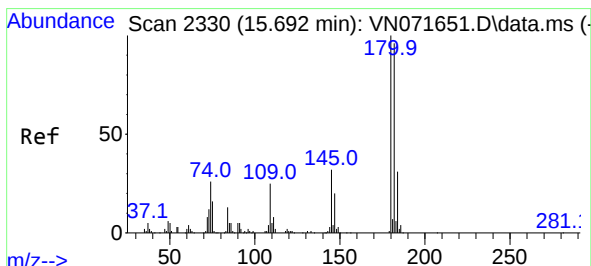
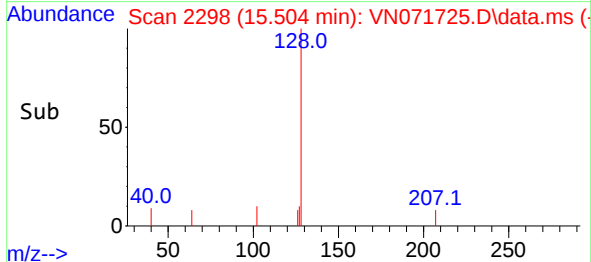
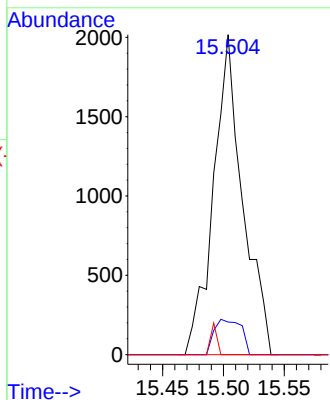
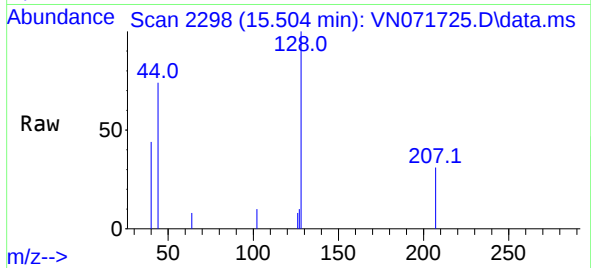




#95
Naphthalene
Concen: 3.968 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Instrument :
MSVOA_N
ClientSampleId :
FB032122

Tgt Ion:	128	Resp:	3374
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.3	15.5#
129	2.1	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.631 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071725.D
Acq: 01 Apr 2022 00:26

Tgt Ion:	180	Resp:	1460
Ion	Ratio	Lower	Upper
180	100		
182	85.5	47.8	143.3
145	9.0	15.5	46.5#

