

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071943.D
 Acq On : 11 Apr 2022 18:05
 Operator : JC\MD
 Sample : PB143992ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 08:41:51 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

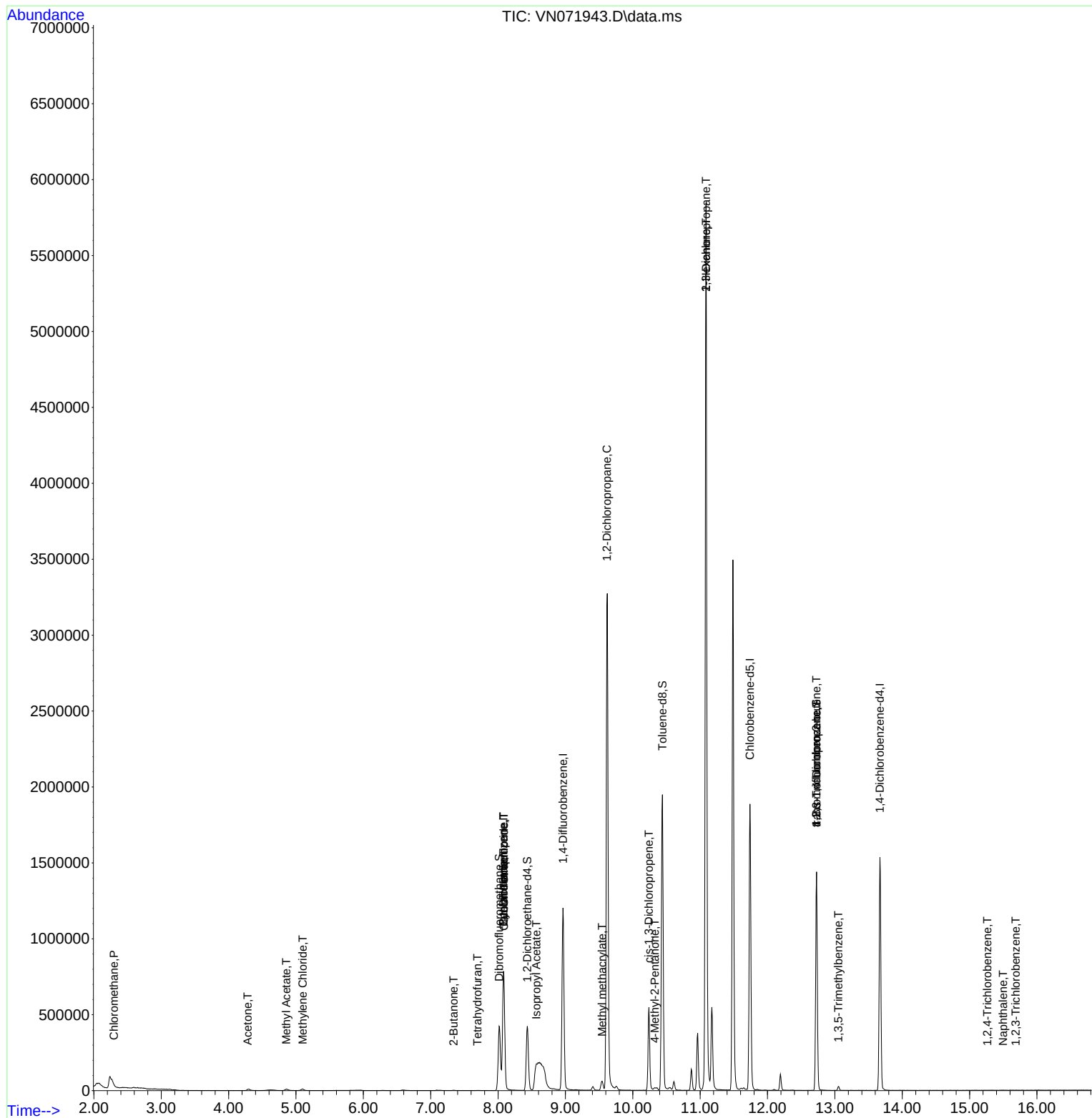
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	657964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1123669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1193980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	467407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	354259	47.163	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.320%	
35) Dibromofluoromethane	8.016	113	318644	48.191	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	96.380%	
50) Toluene-d8	10.439	98	1429928	52.865	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	105.720%	
62) 4-Bromofluorobenzene	12.727	95	511883	58.514	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	117.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2137	0.322	ug/l #	87
16) Acetone	4.281	43	17417	5.426	ug/l	99
18) Methyl Acetate	4.857	43	20087	1.045	ug/l	98
20) Methylene Chloride	5.098	84	8229	1.216	ug/l	97
25) 2-Butanone	7.339	43	4155	0.898	ug/l	91
29) Tetrahydrofuran	7.692	42	786	0.262	ug/l #	54
31) Cyclohexane	8.080	56	10536	1.031	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	43537	4.715	ug/l #	49
38) Carbon Tetrachloride	8.086	117	59558	6.581	ug/l #	17
43) Isopropyl Acetate	8.569	43	162729	9.680	ug/l #	72
45) 1,2-Dichloropropane	9.616	63	4637	0.636	ug/l #	44
48) Methyl methacrylate	9.545	41	15909	2.281	ug/l #	10
49) 1,4-Dioxane	9.616	88	676	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.327	43	9584	0.992	ug/l	97
54) cis-1,3-Dichloropropene	10.239	75	113830	10.093	ug/l #	56
57) 1,3-Dichloropropane	11.086	76	67849	5.348	ug/l #	42
59) 2-Hexanone	11.086	43	809525	118.967	ug/l #	48
76) 1,2,3-Trichloropropane	12.727	75	245323	22.657	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.051	105	13420	0.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	245323	70.212	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	149	2.105	ug/l #	46
95) Naphthalene	15.498	128	327	3.817	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.686	180	111	2.429	ug/l #	51

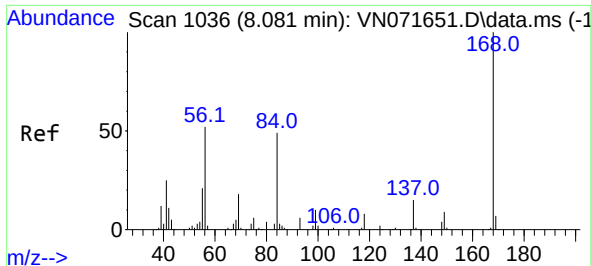
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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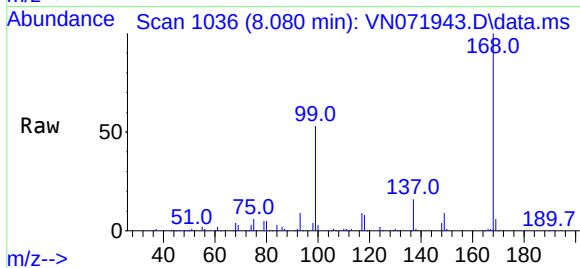
Quant Time: Apr 12 08:41:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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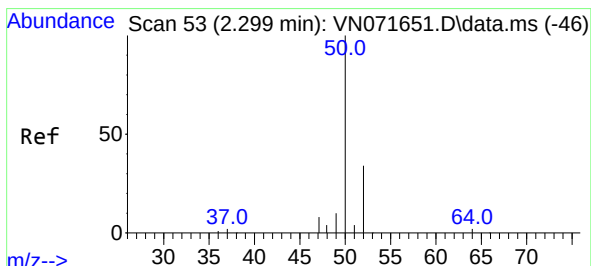
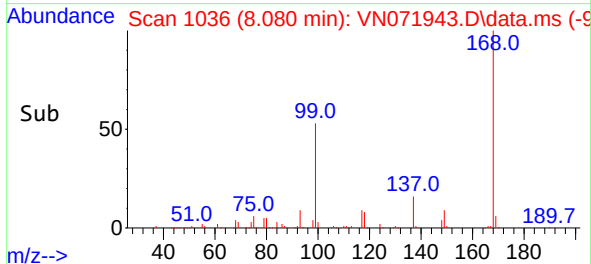
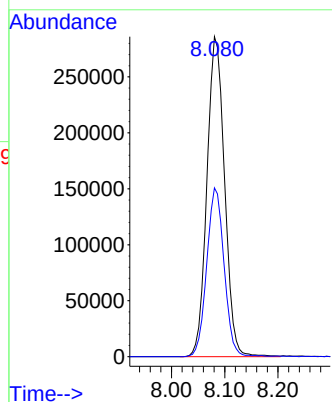


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
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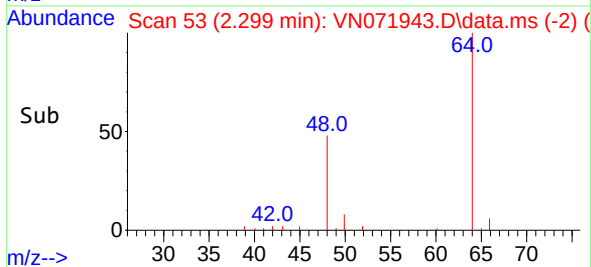
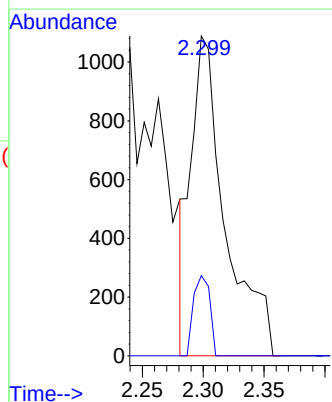
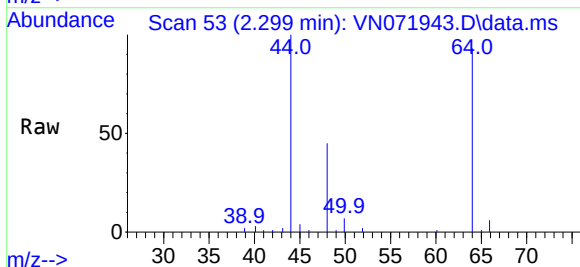


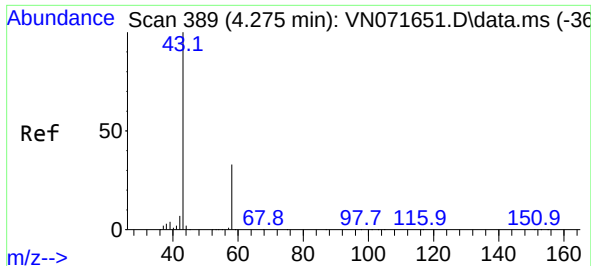
Tgt Ion:168 Resp: 657964
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#3
Chloromethane
Concen: 0.322 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 50 Resp: 2137
Ion Ratio Lower Upper
50 100
52 25.1 25.7 38.5#

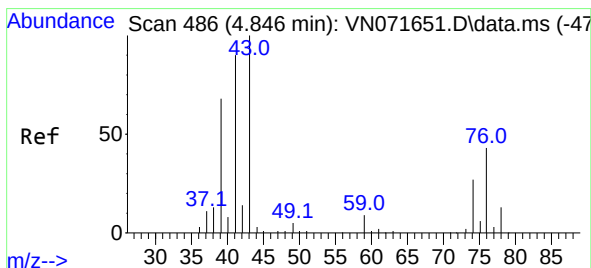
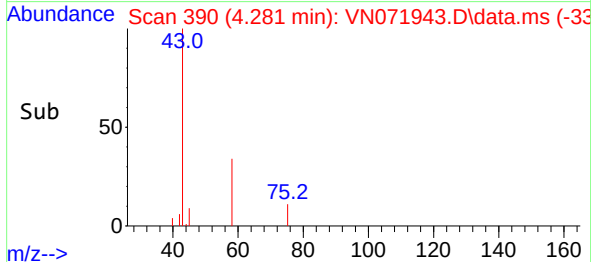
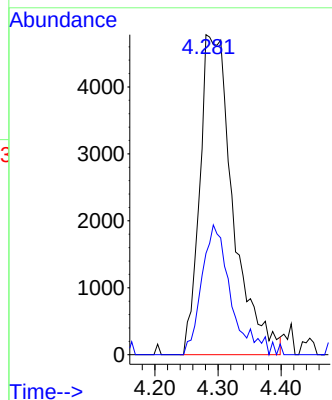
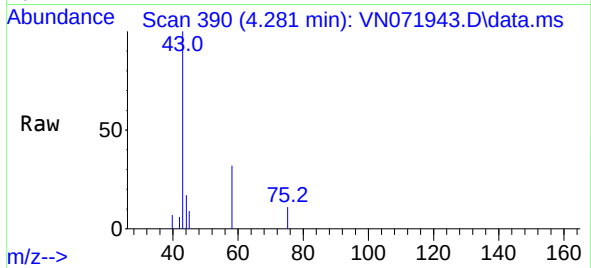




#16
Acetone
Concen: 5.426 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

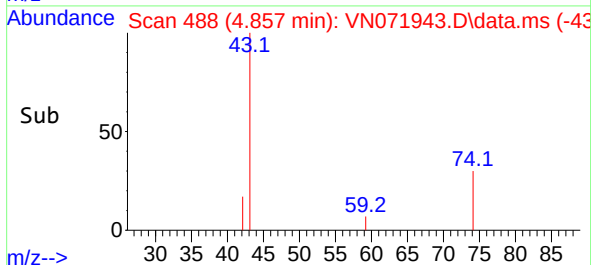
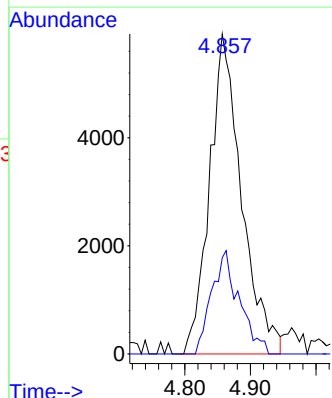
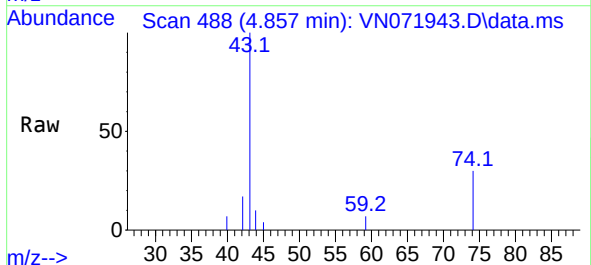
Instrument :
MSVOA_N
ClientSampleId :

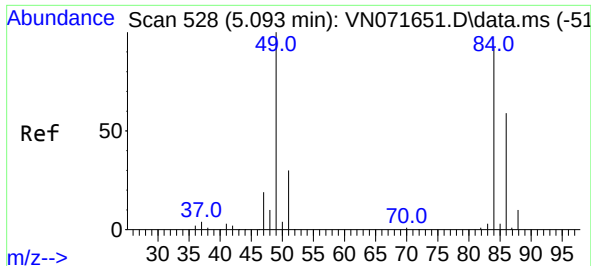
Tgt Ion: 43 Resp: 17417
Ion Ratio Lower Upper
43 100
58 31.7 26.0 39.0



#18
Methyl Acetate
Concen: 1.045 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

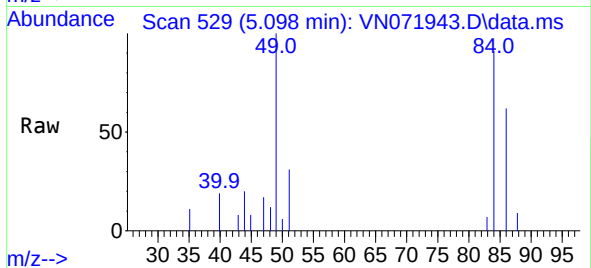
Tgt Ion: 43 Resp: 20087
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4





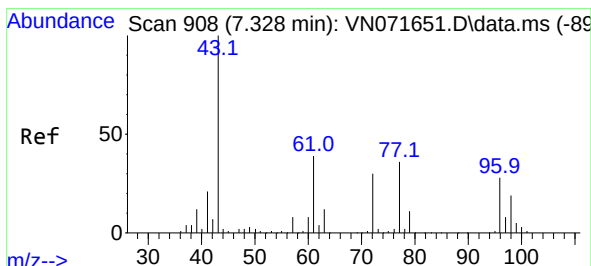
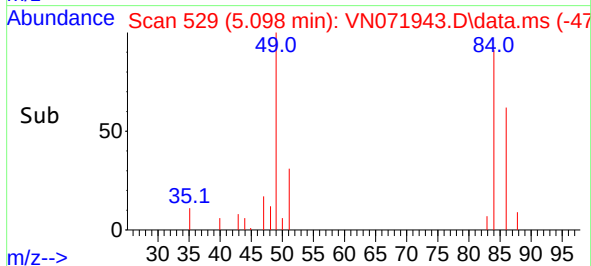
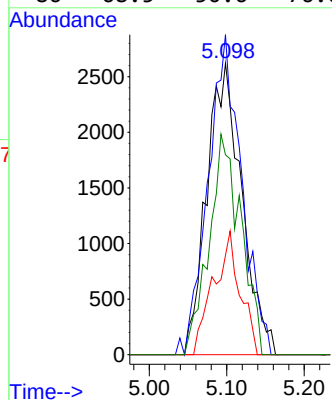
#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 8229

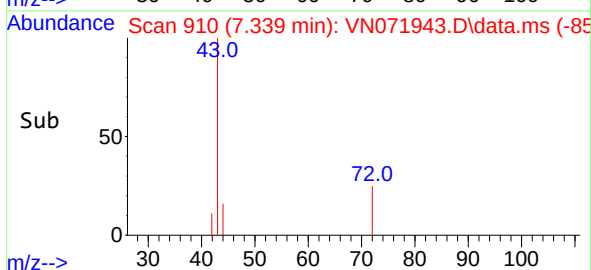
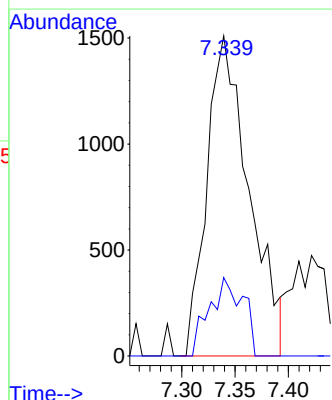
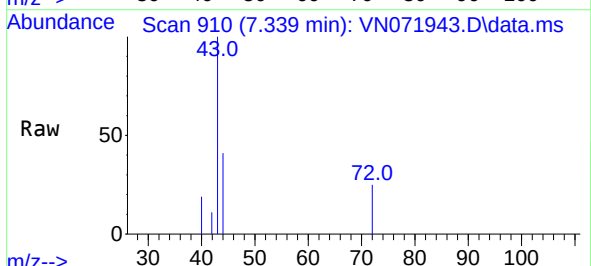
Ion	Ratio	Lower	Upper
84	100		
49	109.8	88.3	132.5
51	34.1	28.2	42.2
86	68.5	50.6	76.0

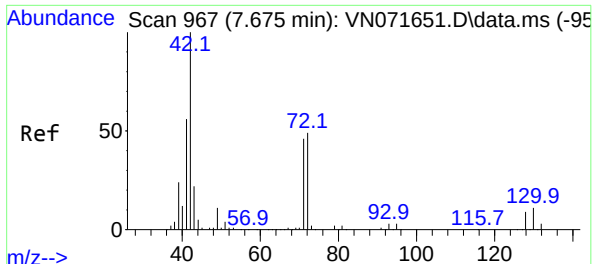


#25
2-Butanone
Concen: 0.898 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 43 Resp: 4155

Ion	Ratio	Lower	Upper
43	100		
72	24.5	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.262 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.017 min

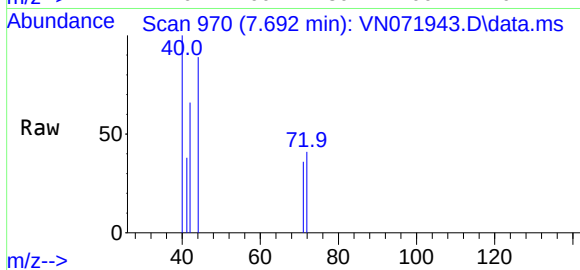
Lab File: VN071943.D

Acq: 11 Apr 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :



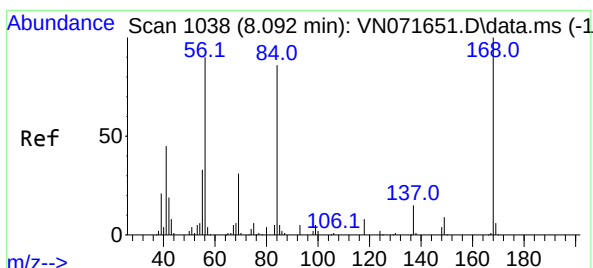
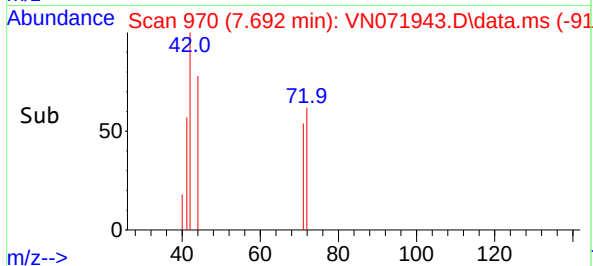
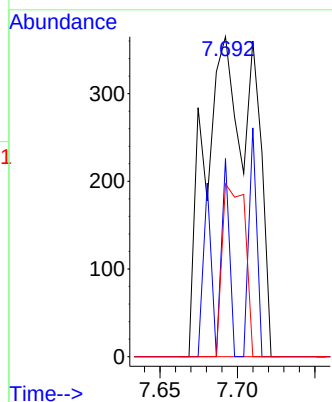
Tgt Ion: 42 Resp: 786

Ion Ratio Lower Upper

42 100

72 8.9 39.7 59.5#

71 25.3 36.6 55.0#



#31

Cyclohexane

Concen: 1.031 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071943.D

Acq: 11 Apr 2022 18:05

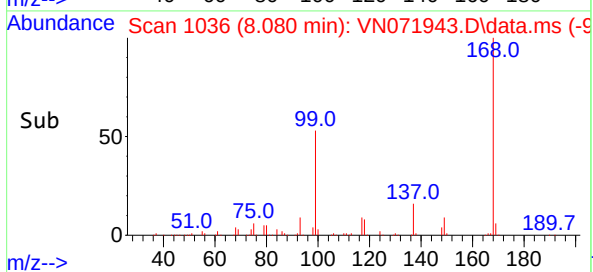
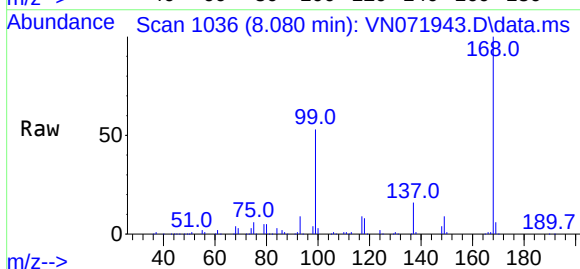
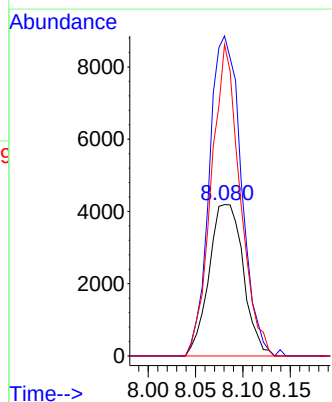
Tgt Ion: 56 Resp: 10536

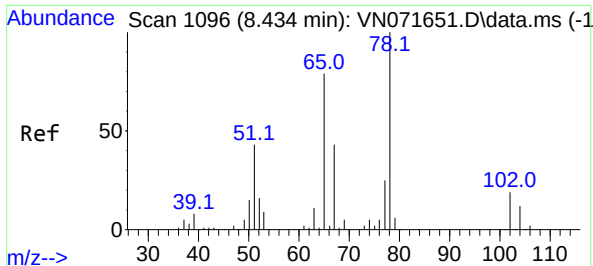
Ion Ratio Lower Upper

56 100

69 211.5 27.8 41.8#

84 205.7 76.9 115.3#

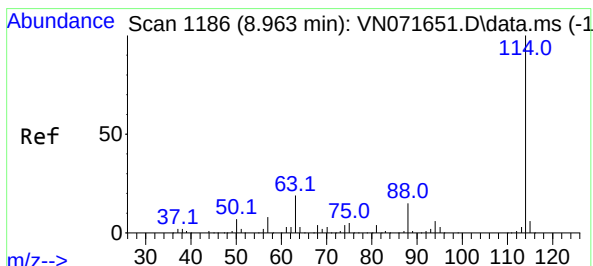
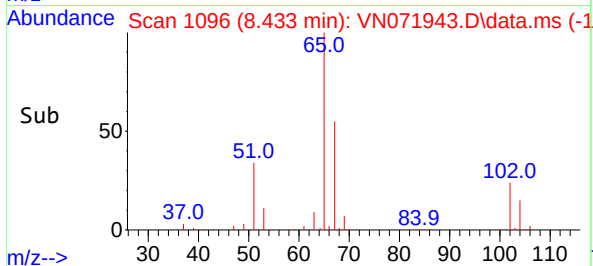
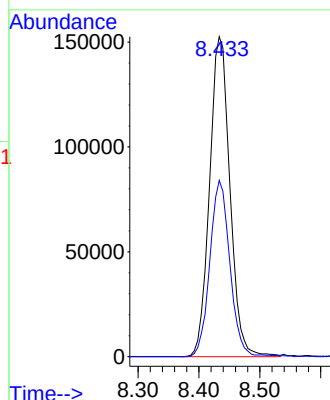
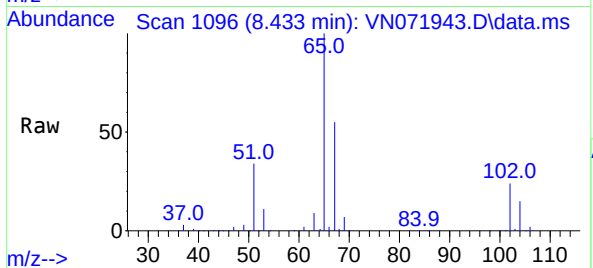




#33
1,2-Dichloroethane-d4
Concen: 47.163 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

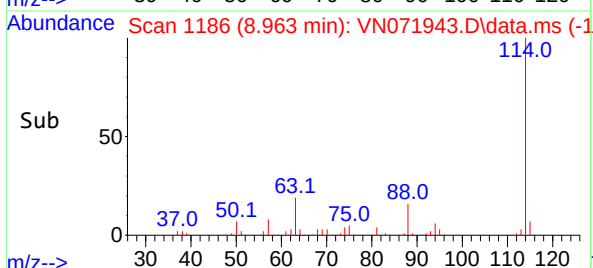
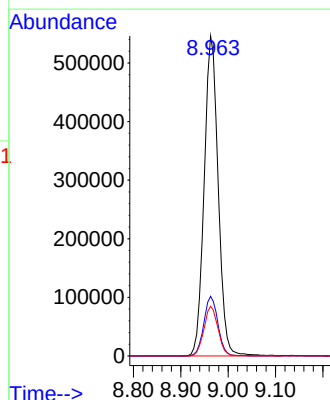
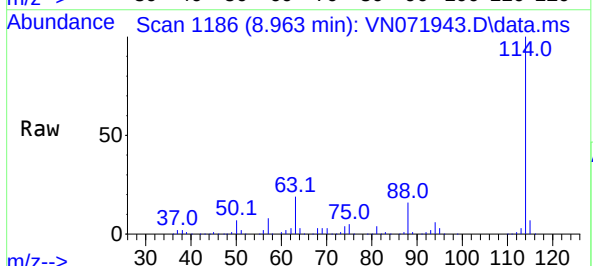
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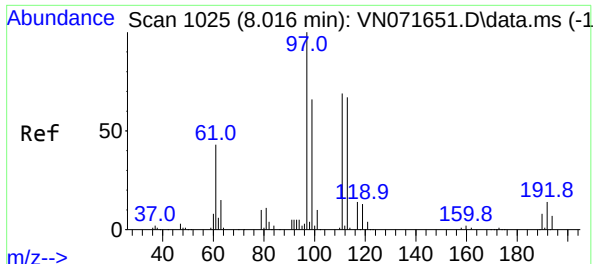
Tgt Ion: 65 Resp: 354259
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

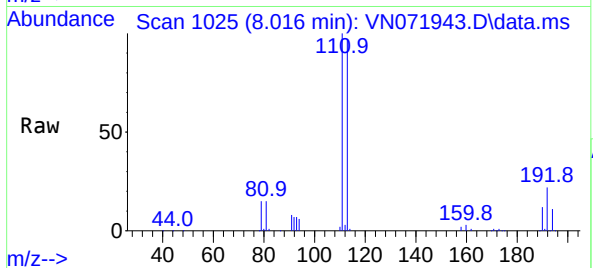
Tgt Ion:114 Resp: 1123669
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.6 0.0 32.6



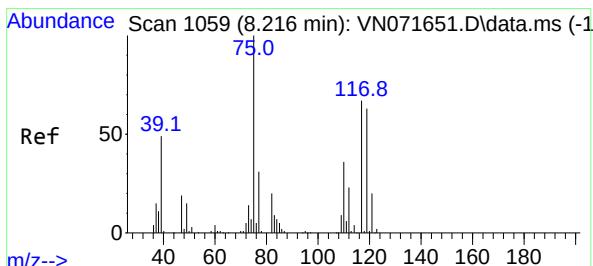
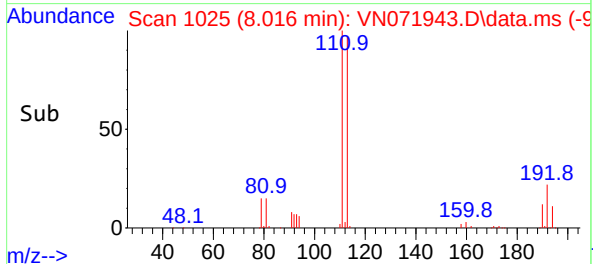
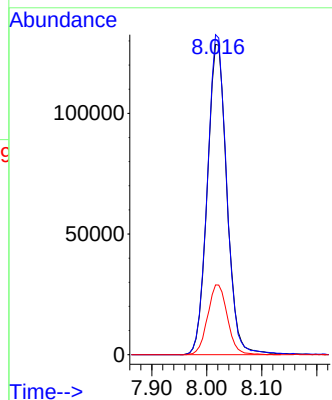


#35
Dibromofluoromethane
Concen: 48.191 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
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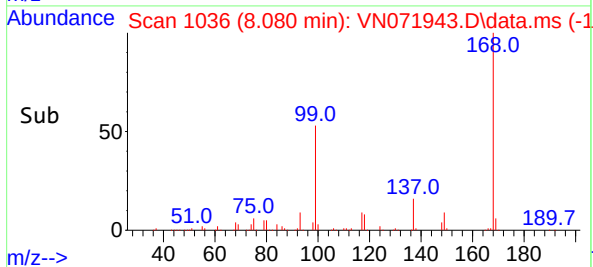
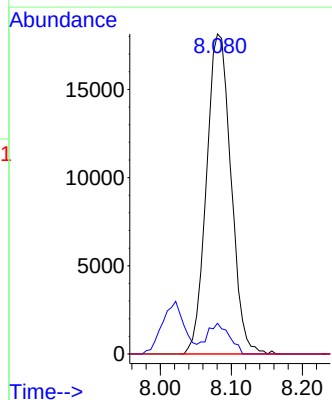
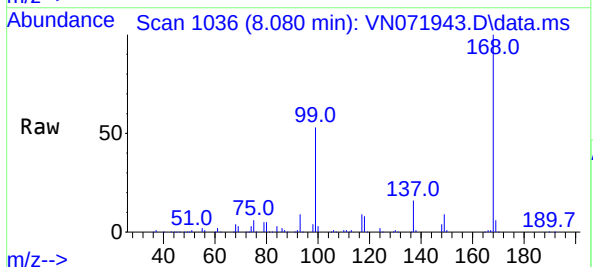


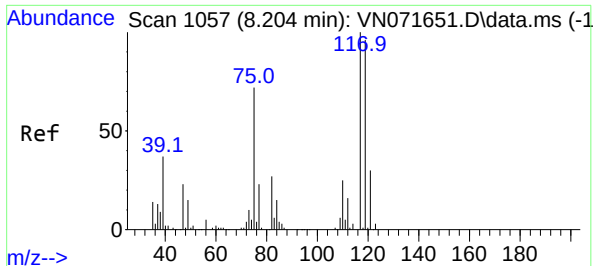
Tgt Ion:113 Resp: 318644
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

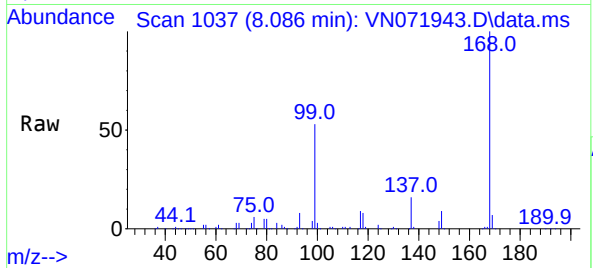
Tgt Ion: 75 Resp: 43537
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#



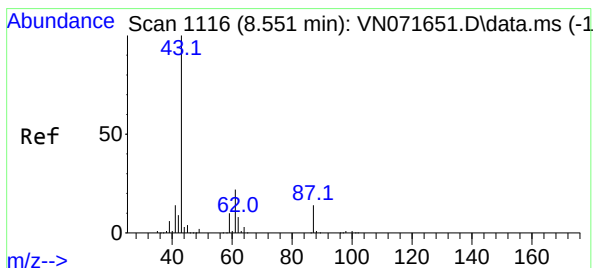
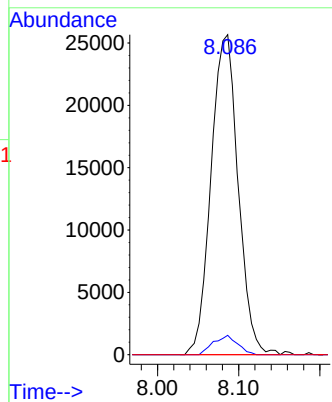
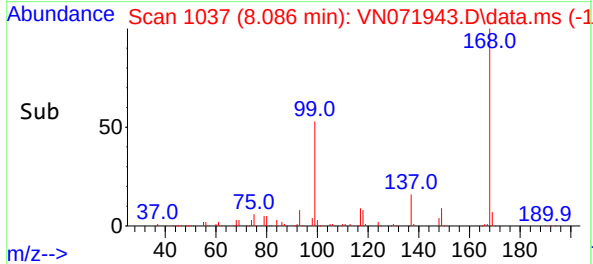


#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 8.086 min Scan# 1109
Delta R.T. -0.118 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

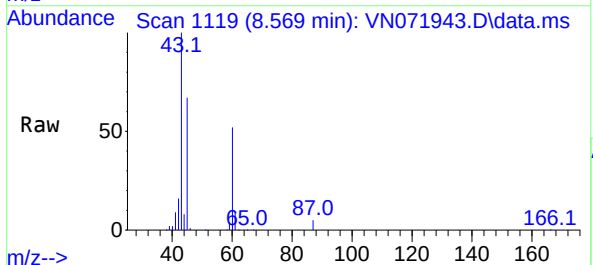
Instrument :
MSVOA_N
ClientSampleId :



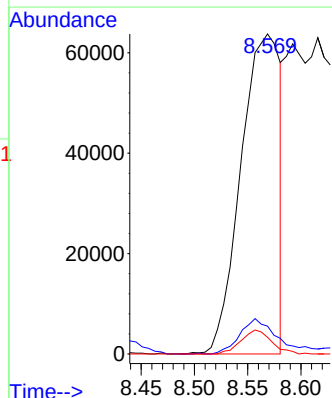
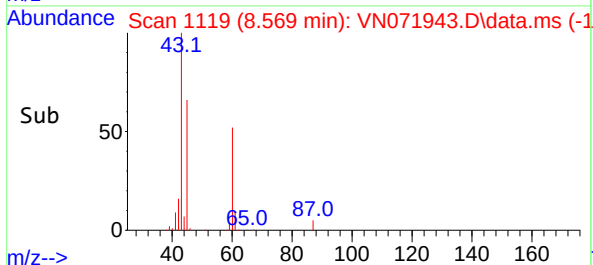
Tgt Ion:117 Resp: 59558
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#

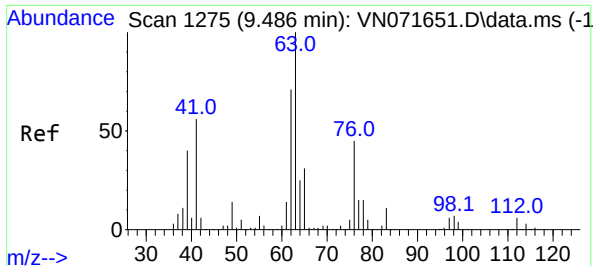


#43
Isopropyl Acetate
Concen: 9.680 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.018 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05



Tgt Ion: 43 Resp: 162729
Ion Ratio Lower Upper
43 100
61 10.8 21.9 32.9#
87 5.8 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.636 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.130 min

Lab File: VN071943.D

Acq: 11 Apr 2022 18:05

Instrument :

MSVOA_N

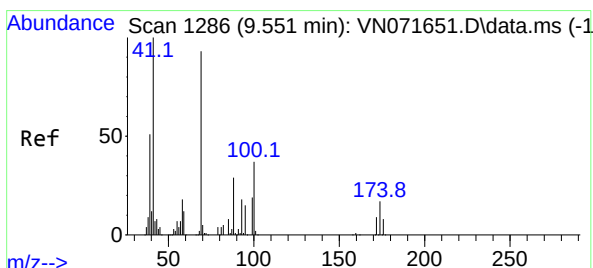
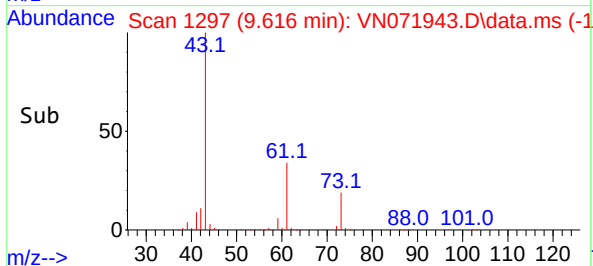
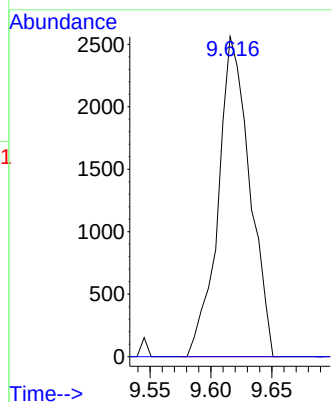
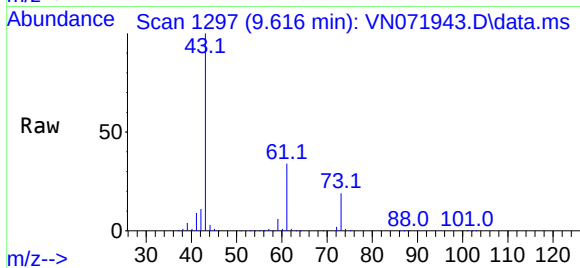
ClientSampleId :

Tgt Ion: 63 Resp: 4637

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 2.281 ug/l

RT: 9.545 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN071943.D

Acq: 11 Apr 2022 18:05

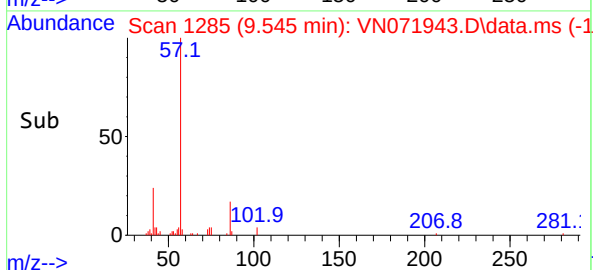
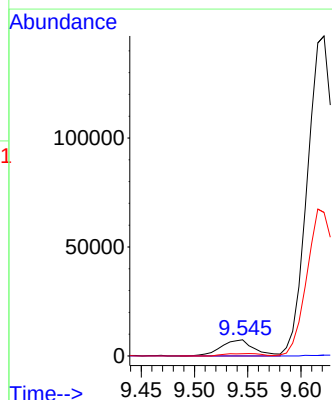
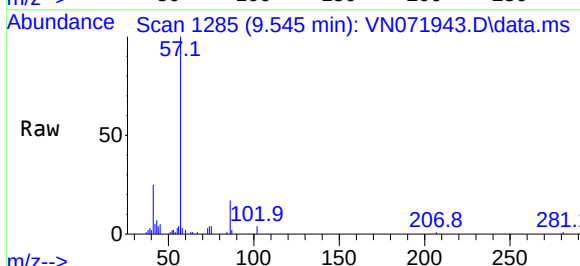
Tgt Ion: 41 Resp: 15909

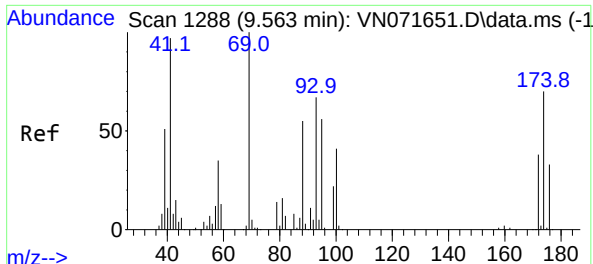
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

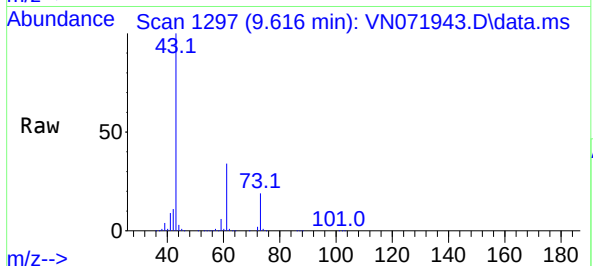
39 0.0 45.6 68.4#



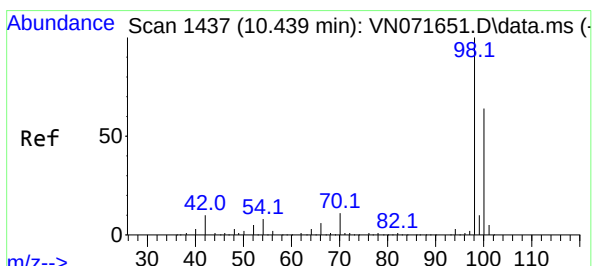
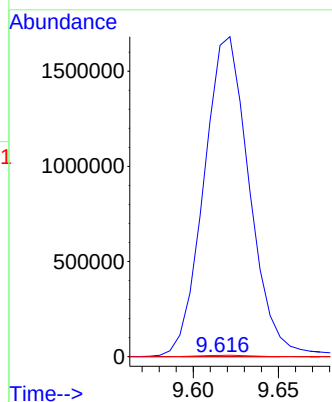
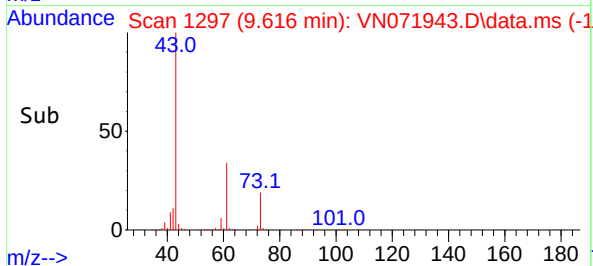


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.616 min Scan# 1288
Delta R.T. 0.053 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

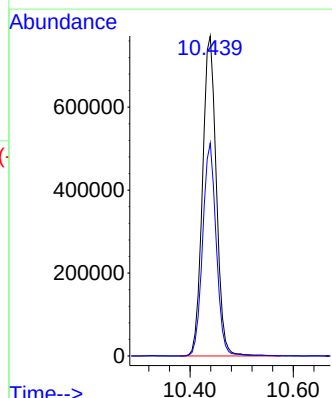
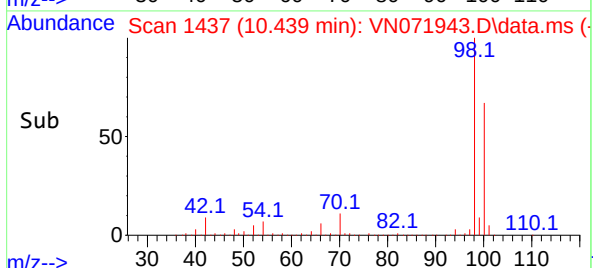
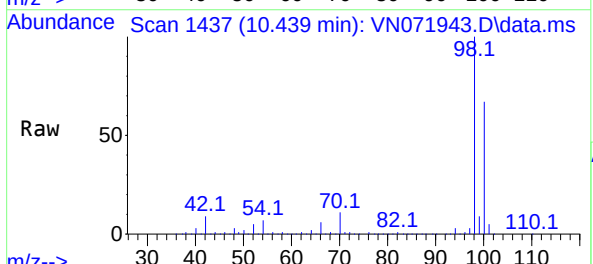


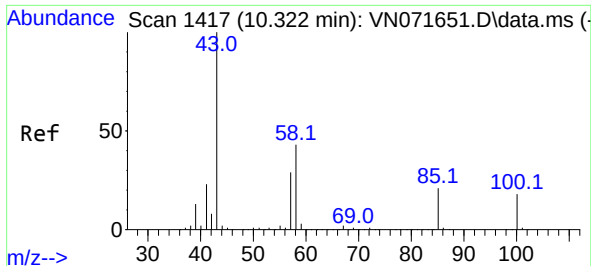
Tgt Ion: 88 Resp: 676
Ion Ratio Lower Upper
88 100
43 469897.9 20.2 30.4#
58 2104.3 54.2 81.4#



#50
Toluene-d8
Concen: 52.865 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 98 Resp: 1429928
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

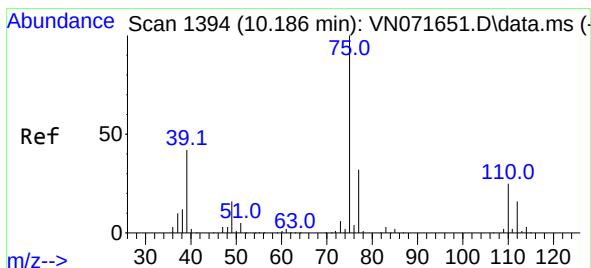
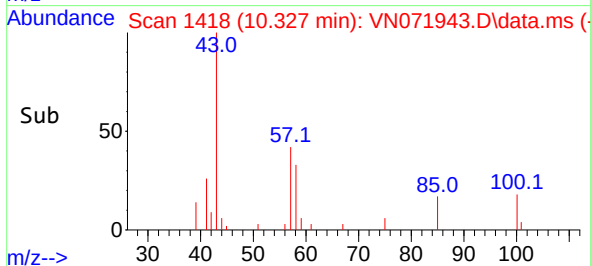
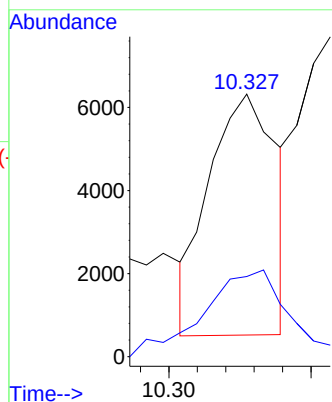
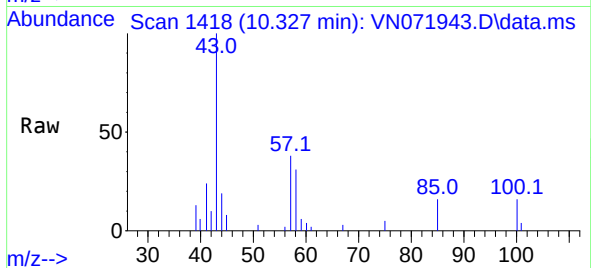




#51
4-Methyl-2-Pentanone
Concen: 0.992 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

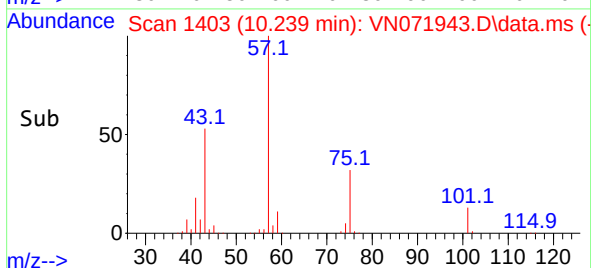
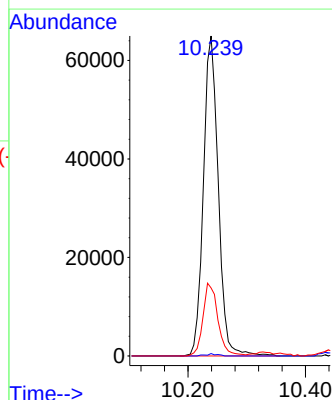
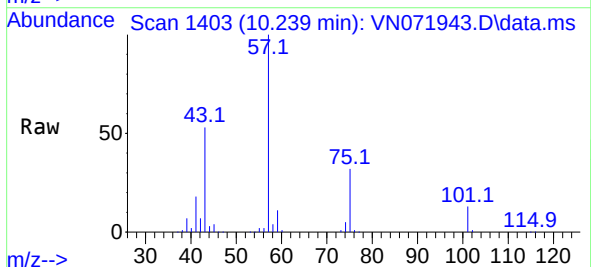
Instrument :
MSVOA_N
ClientSampleId :

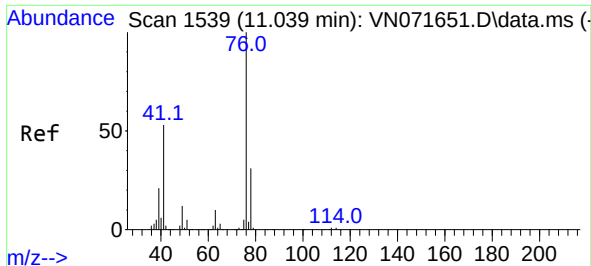
Tgt Ion: 43 Resp: 9584
Ion Ratio Lower Upper
43 100
58 44.5 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 10.093 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 75 Resp: 113830
Ion Ratio Lower Upper
75 100
77 0.7 25.2 37.8#
39 21.2 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 5.348 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071943.D

Acq: 11 Apr 2022 18:05

Instrument :

MSVOA_N

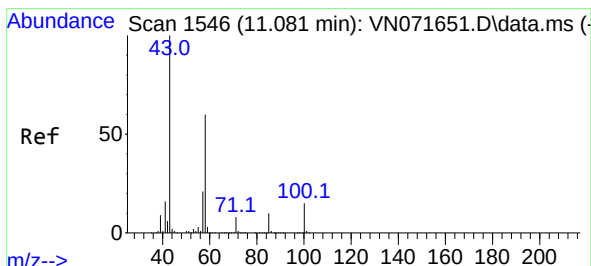
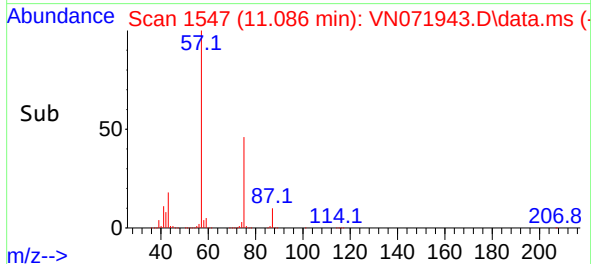
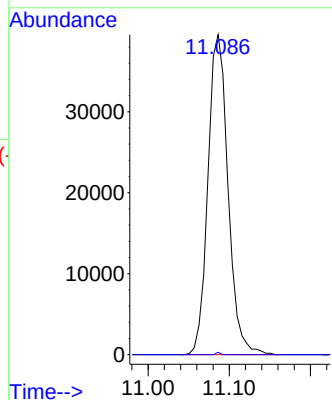
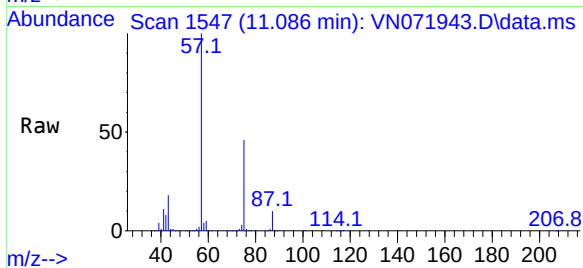
ClientSampleId :

Tgt Ion: 76 Resp: 67849

Ion Ratio Lower Upper

76 100

78 0.2 26.2 39.2#



#59

2-Hexanone

Concen: 118.967 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.005 min

Lab File: VN071943.D

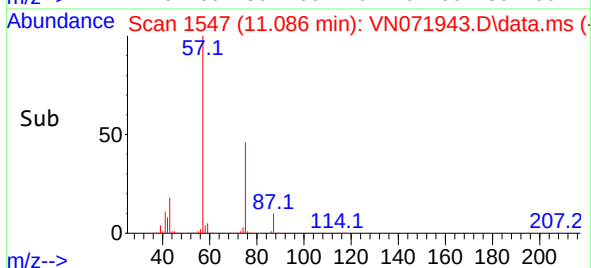
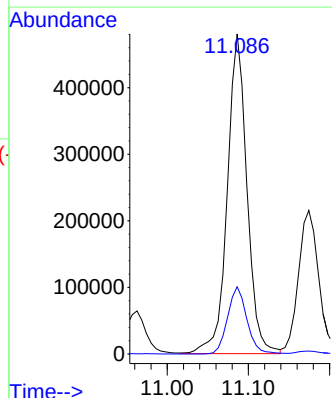
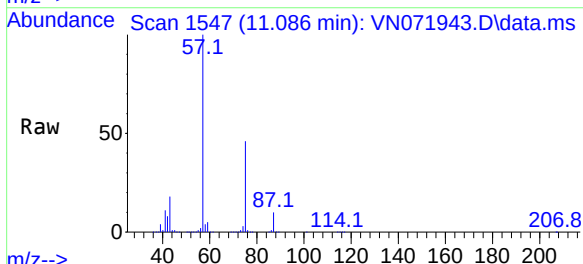
Acq: 11 Apr 2022 18:05

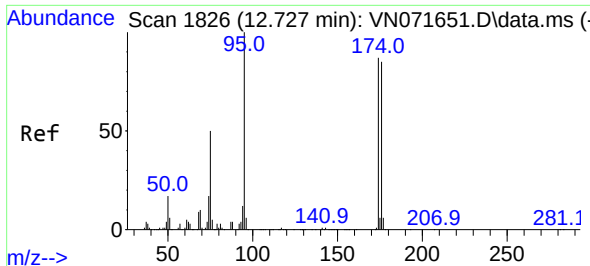
Tgt Ion: 43 Resp: 809525

Ion Ratio Lower Upper

43 100

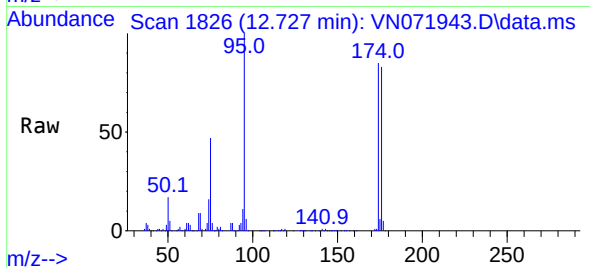
58 20.6 29.7 89.1#



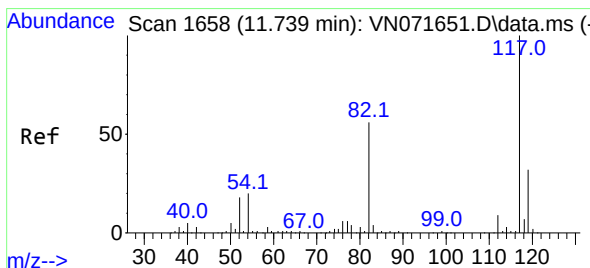
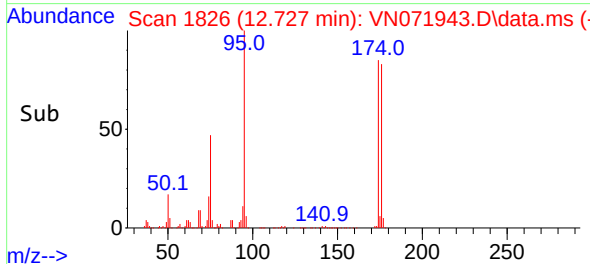
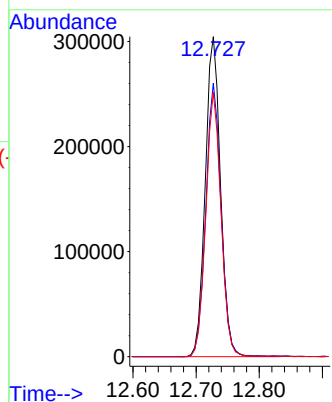


#62
4-Bromofluorobenzene
Concen: 58.514 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

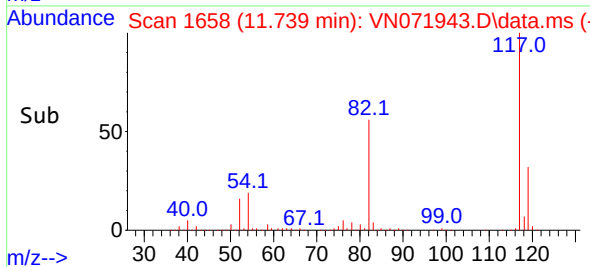
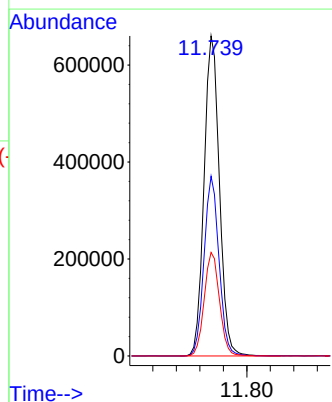
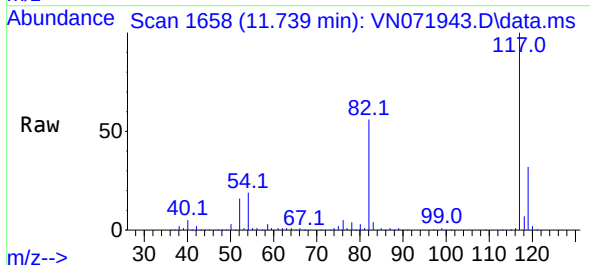


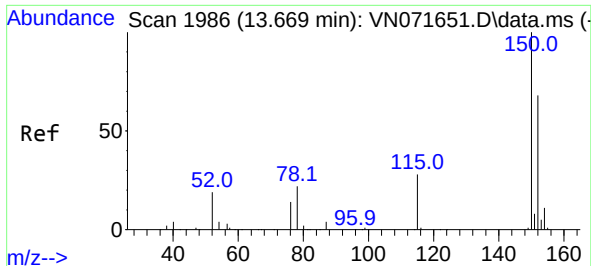
Tgt Ion: 95 Resp: 511883
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 81.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

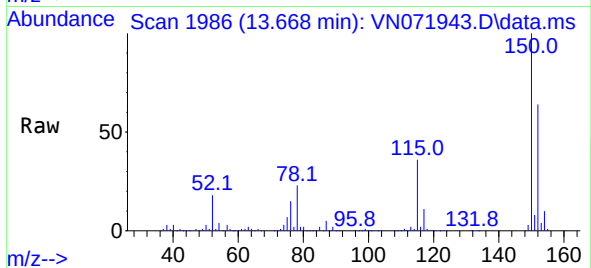
Tgt Ion: 117 Resp: 1193980
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.4 25.4 38.0



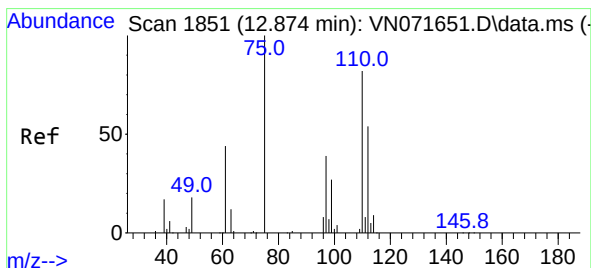
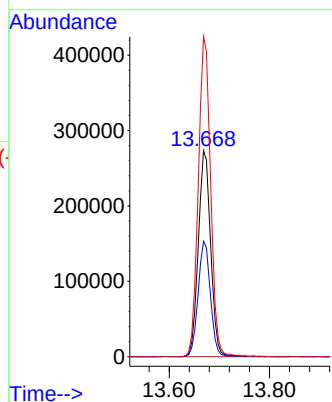
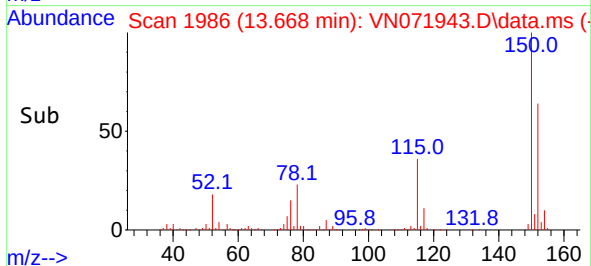


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

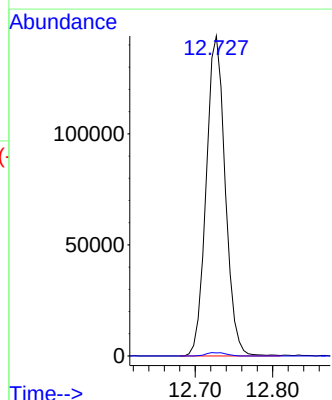
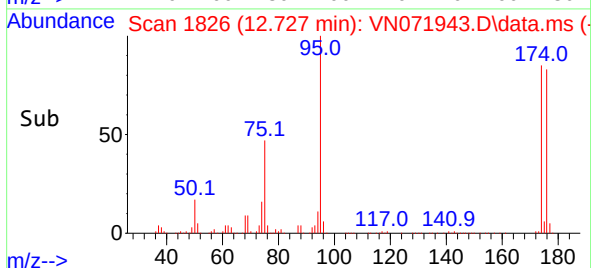
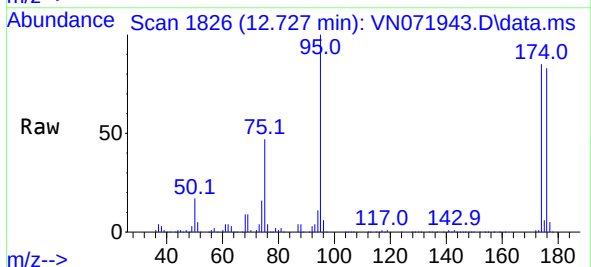


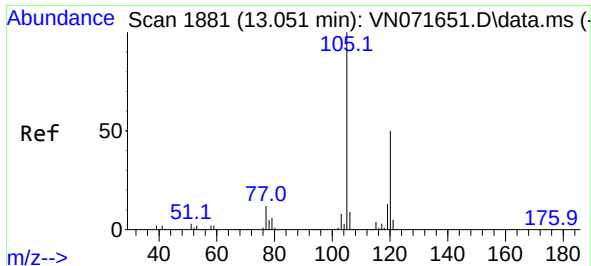
Tgt Ion:152 Resp: 467407
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 155.0 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.657 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 75 Resp: 245323
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

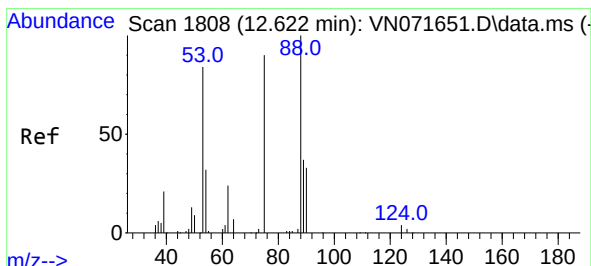
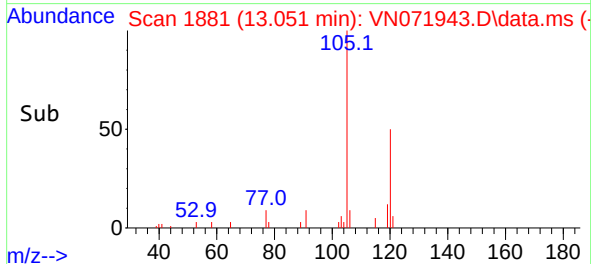
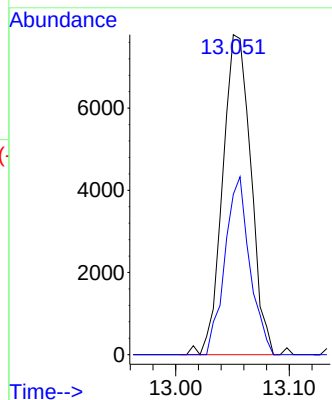
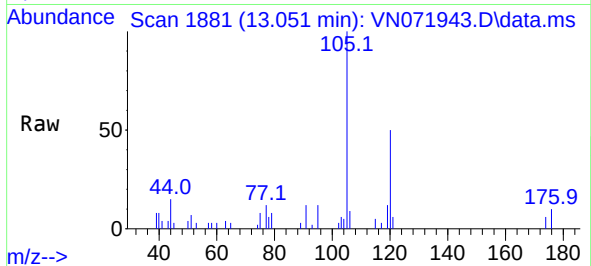




#80
1,3,5-Trimethylbenzene
Concen: 0.430 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

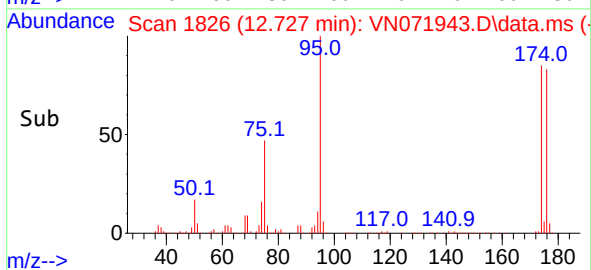
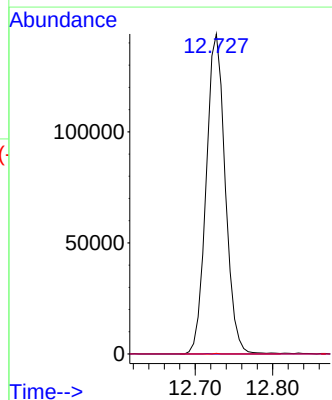
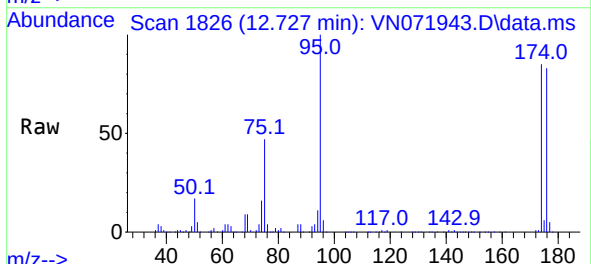
Instrument :
MSVOA_N
ClientSampleId :

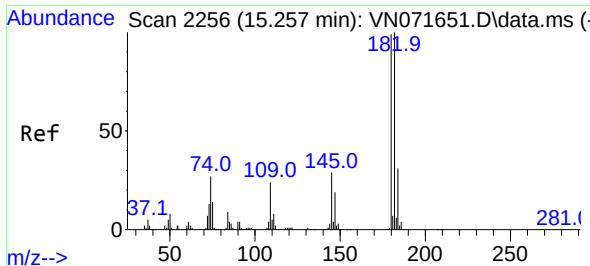
Tgt Ion:105 Resp: 13420
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 70.212 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

Tgt Ion: 75 Resp: 245323
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

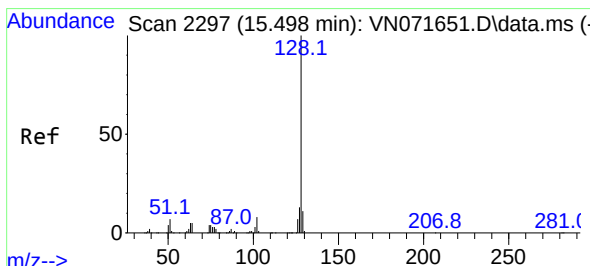
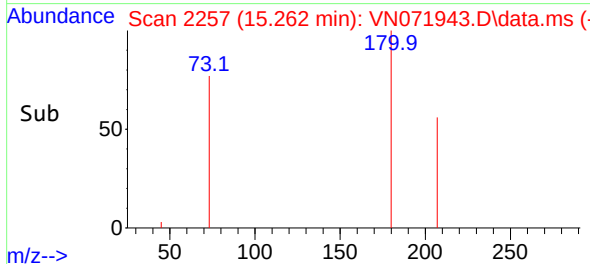
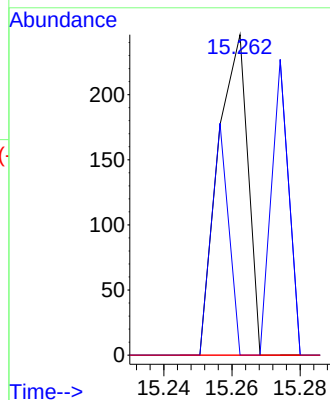
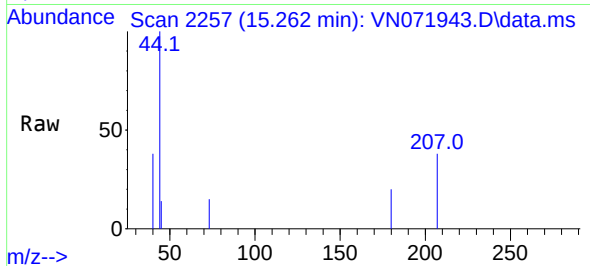




#93
1,2,4-Trichlorobenzene
Concen: 2.105 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

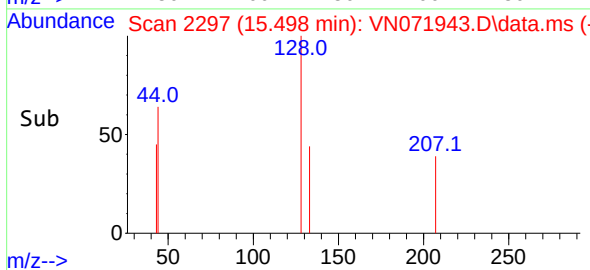
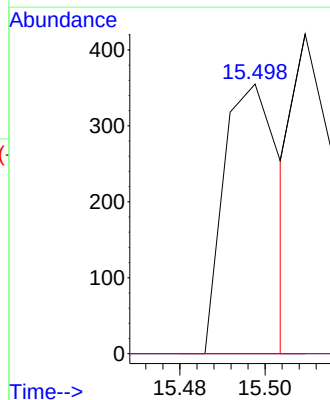
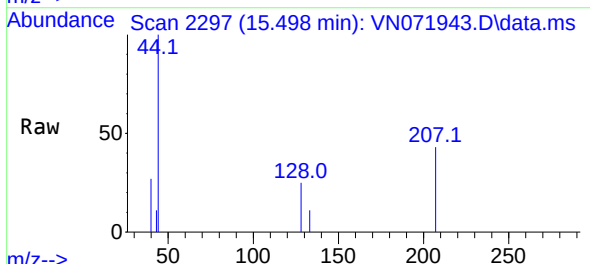
Instrument :
MSVOA_N
ClientSampleId :

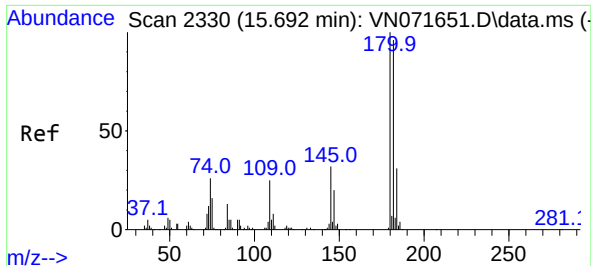
Tgt Ion:180 Resp: 149
Ion Ratio Lower Upper
180 100
182 42.3 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.817 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071943.D
Acq: 11 Apr 2022 18:05

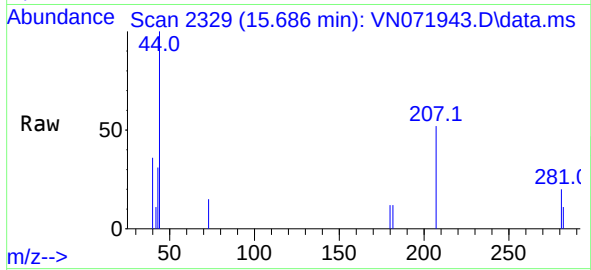
Tgt Ion:128 Resp: 327
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.429 ug/l
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071943.D
 Acq: 11 Apr 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	111
Ion	Ratio	Lower	Upper
180	100		
182	50.5	47.8	143.3
145	0.0	15.5	46.5#

