

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071738.D
 Acq On : 01 Apr 2022 05:40
 Operator : JC\MD
 Sample : PB143762ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143762ZHE#02

Quant Time: Apr 01 06:07:00 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)

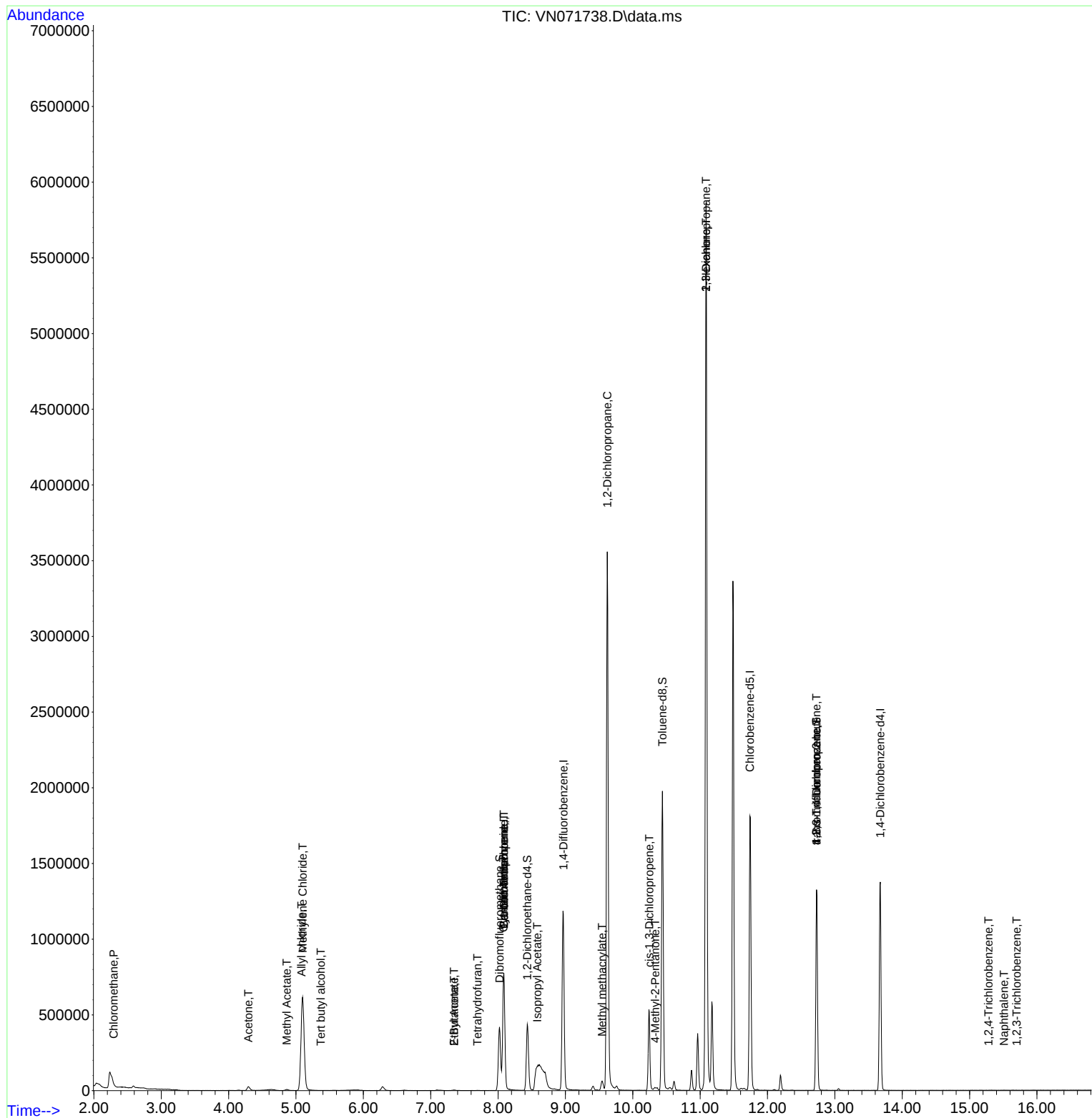
Internal Standards						
1) Pentafluorobenzene	8.087	168	631703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1099923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1135214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	412635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	364258	50.510	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.020%	
35) Dibromofluoromethane	8.022	113	312121	48.223	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.440%	
50) Toluene-d8	10.439	98	1413947	53.403	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.727	95	474404	55.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	2235	0.351	ug/l	96
11) Tert butyl alcohol	5.369	59	411	0.351	ug/l #	72
14) Allyl chloride	5.081	41	15887	1.877	ug/l #	24
16) Acetone	4.293	43	45130	14.643	ug/l	96
18) Methyl Acetate	4.863	43	15011	0.467	ug/l	98
20) Methylene Chloride	5.098	84	543094	83.604	ug/l	99
25) 2-Butanone	7.345	43	6992	1.574	ug/l	98
29) Tetrahydrofuran	7.692	42	638	0.222	ug/l #	48
31) Cyclohexane	8.081	56	11635	1.186	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	44704	4.946	ug/l #	48
37) Ethyl Acetate	7.345	43	6992	0.707	ug/l #	67
38) Carbon Tetrachloride	8.087	117	56735	6.405	ug/l #	17
43) Isopropyl Acetate	8.581	43	151230	9.191	ug/l #	53
45) 1,2-Dichloropropane	9.622	63	5173	0.725	ug/l #	44
48) Methyl methacrylate	9.545	41	16122	2.362	ug/l #	10
49) 1,4-Dioxane	9.616	88	465	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.333	43	12747	1.347	ug/l	95
54) cis-1,3-Dichloropropene	10.245	75	104324	9.450	ug/l #	62
57) 1,3-Dichloropropane	11.086	76	68930	5.550	ug/l #	42
59) 2-Hexanone	11.086	43	849062	127.471	ug/l #	47
76) 1,2,3-Trichloropropane	12.727	75	230734	24.138	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	230734	74.802	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.280	180	62	2.095	ug/l #	12
95) Naphthalene	15.510	128	726	3.839	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	72	2.425	ug/l #	12

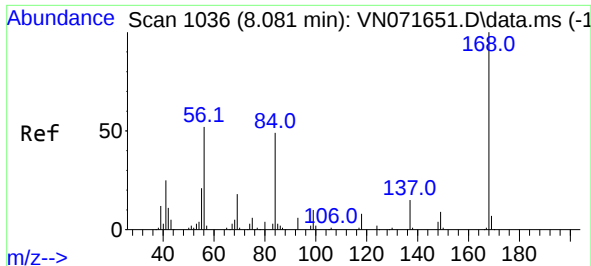
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
Data File : VN071738.D
Acq On : 01 Apr 2022 05:40
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Quant Title : SW846 8260
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Response via : Initial Calibration

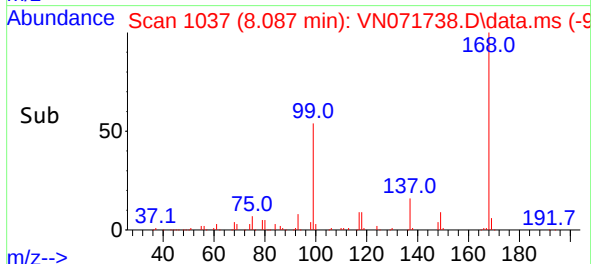
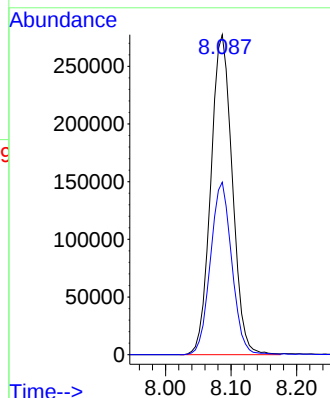
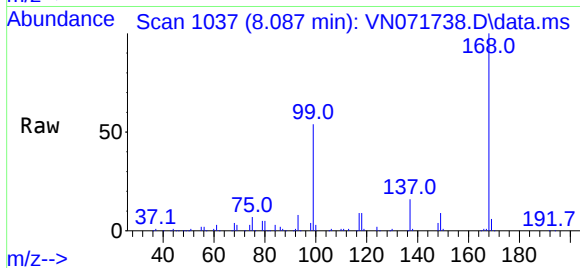




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

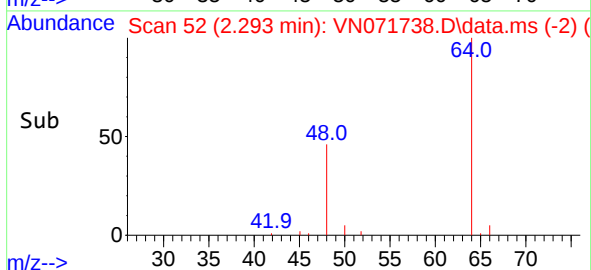
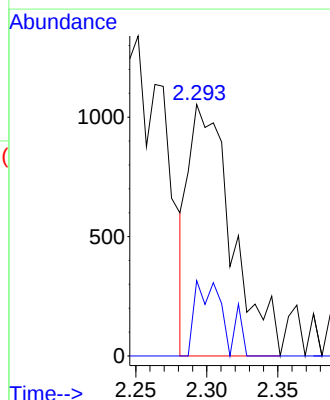
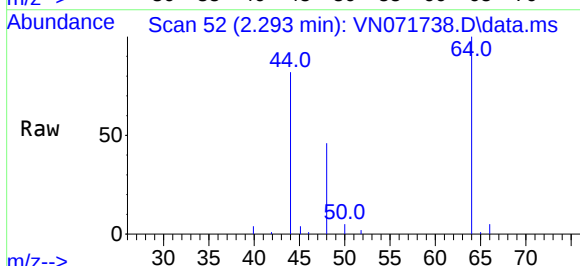
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

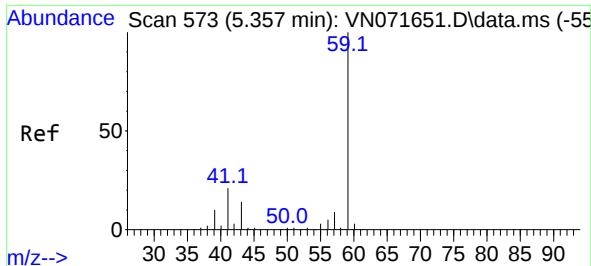
Tgt Ion:168 Resp: 631703
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#3
Chloromethane
Concen: 0.351 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 50 Resp: 2235
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

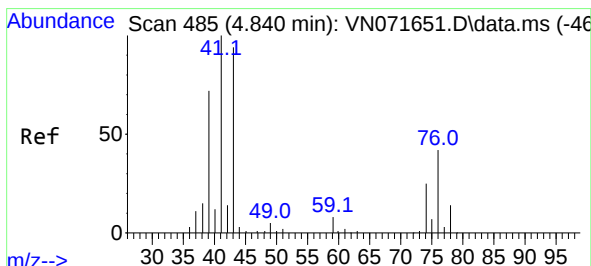
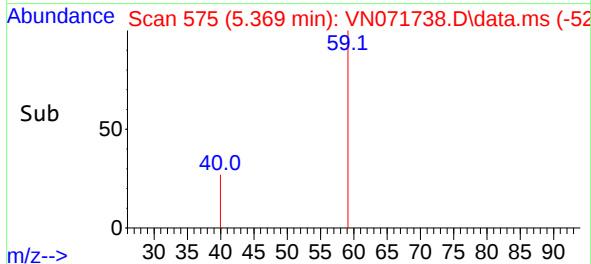
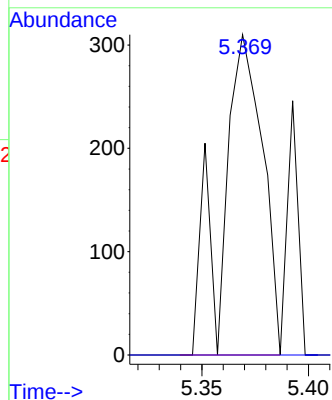
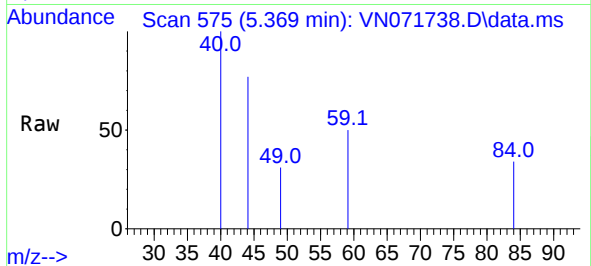




#11
Tert butyl alcohol
Concen: 0.351 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

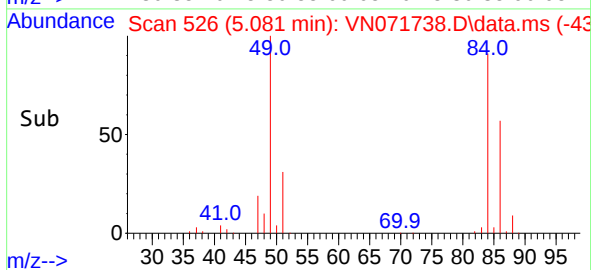
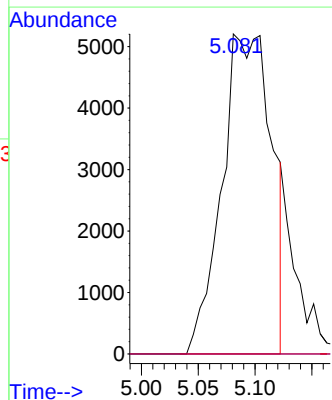
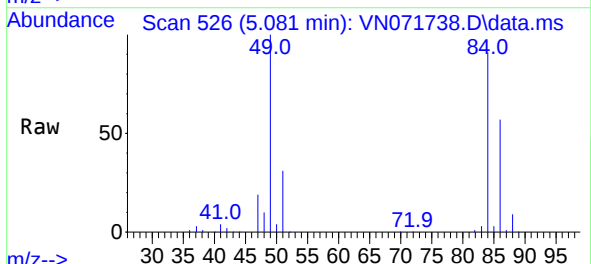
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 1.877 ug/l
RT: 5.081 min Scan# 526
Delta R.T. 0.241 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 41 Resp: 15887
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

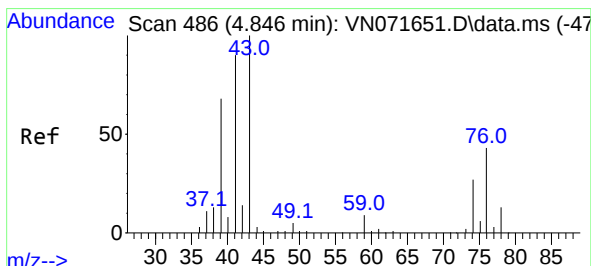
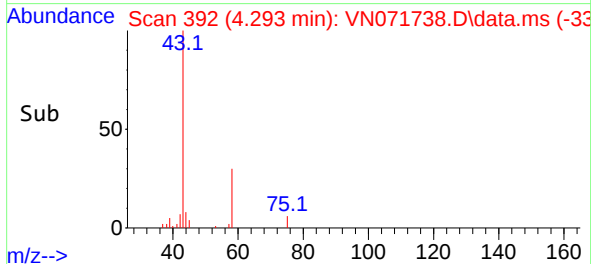
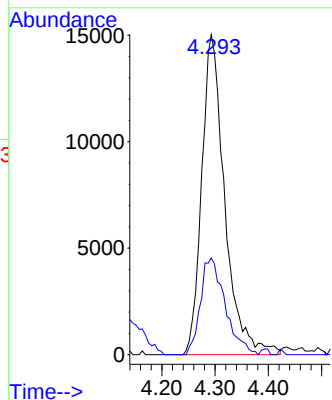
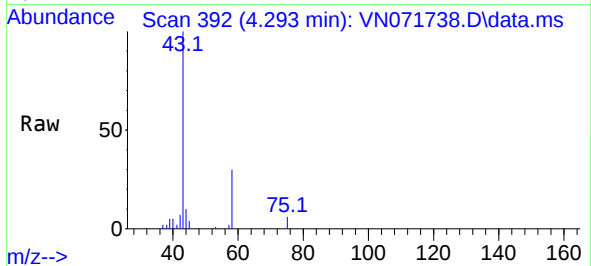




#16
Acetone
Concen: 14.643 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

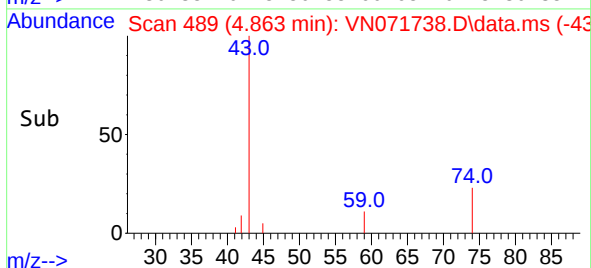
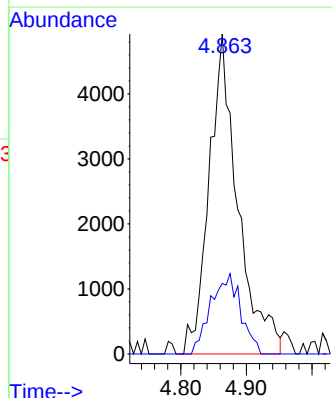
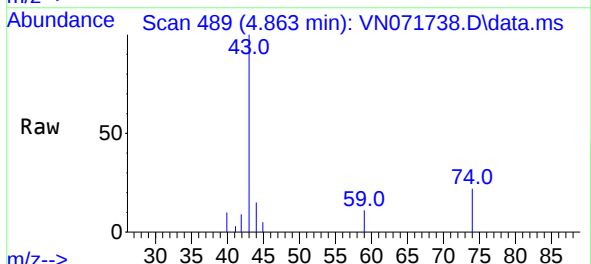
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

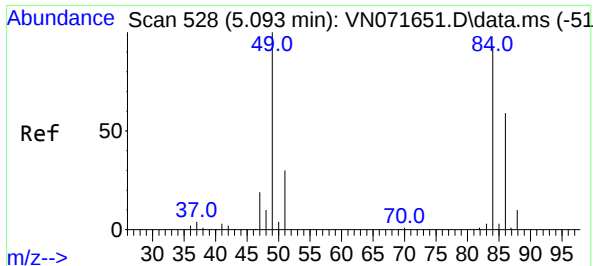
Tgt Ion: 43 Resp: 45130
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0



#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 43 Resp: 15011
Ion Ratio Lower Upper
43 100
74 25.9 21.6 32.4



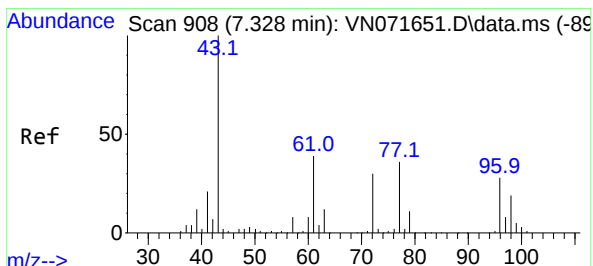
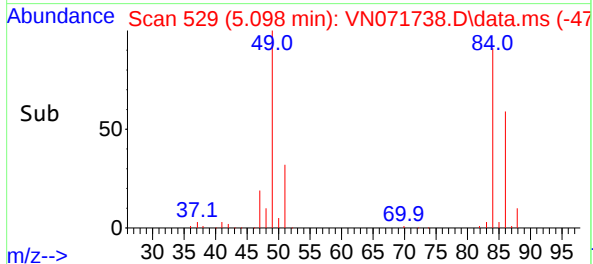
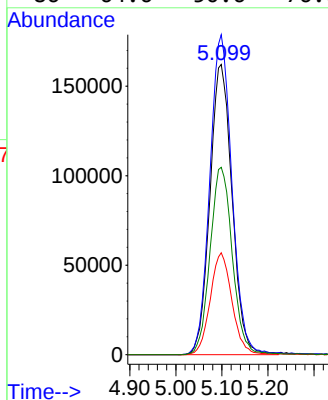
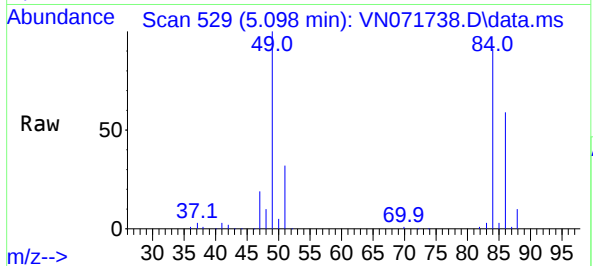


#20
Methylene Chloride
Concen: 83.604 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

Tgt Ion: 84 Resp: 543094

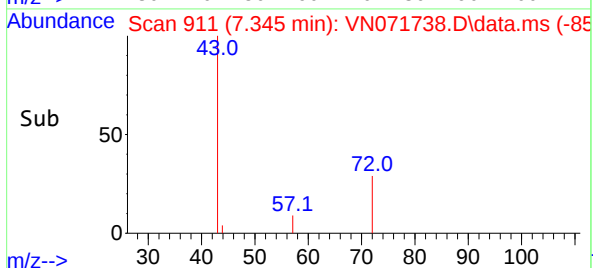
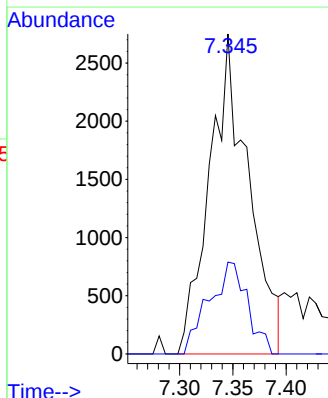
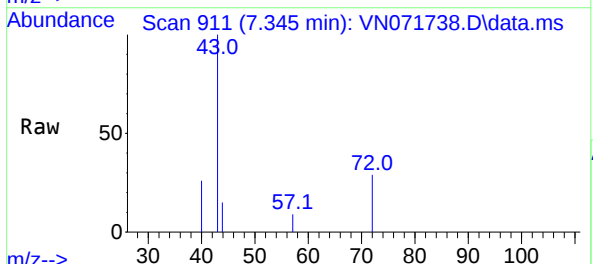
Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.3	132.5
51	35.1	28.2	42.2
86	64.6	50.6	76.0

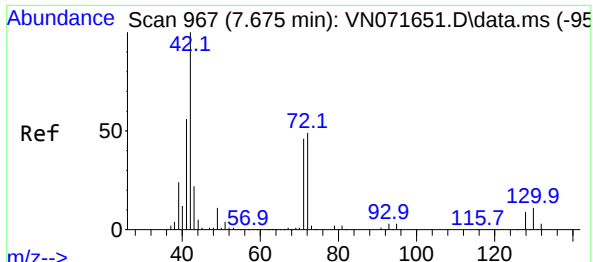


#25
2-Butanone
Concen: 1.574 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 43 Resp: 6992

Ion	Ratio	Lower	Upper
43	100		
72	28.7	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN071738.D

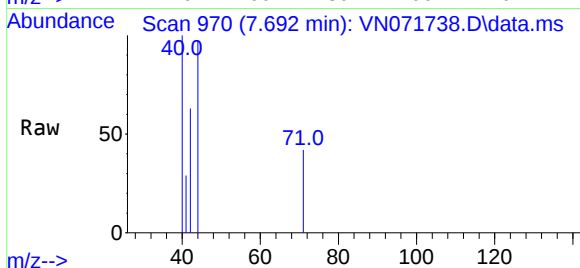
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Instrument :

MSVOA_N

ClientSampleId :

PB143762ZHE#02



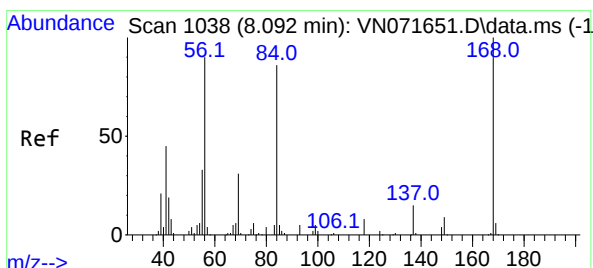
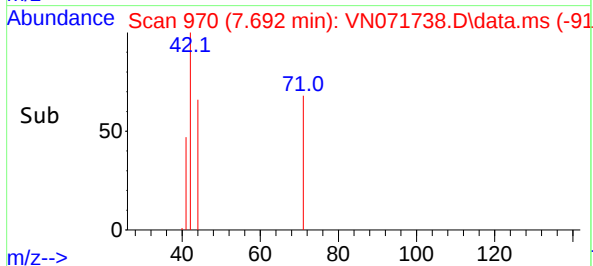
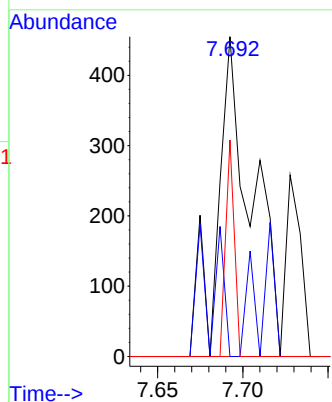
Tgt Ion: 42 Resp: 638

Ion Ratio Lower Upper

42 100

72 8.3 39.7 59.5#

71 17.1 36.6 55.0#



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071738.D

Acq: 01 Apr 2022 05:40

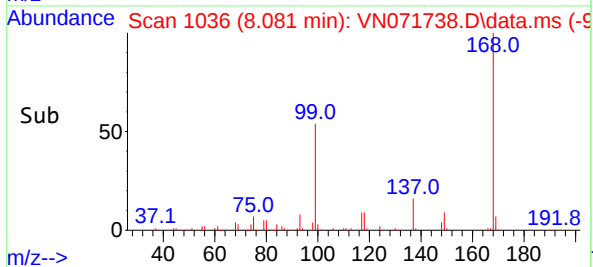
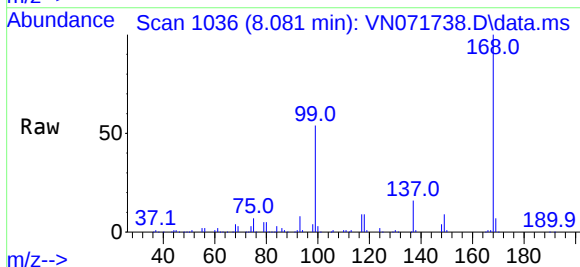
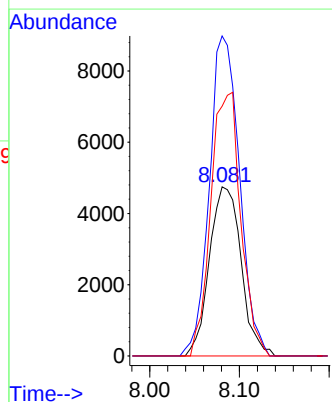
Tgt Ion: 56 Resp: 11635

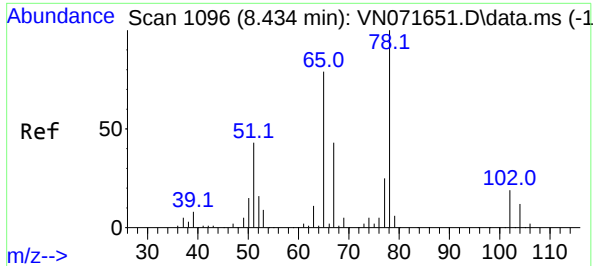
Ion Ratio Lower Upper

56 100

69 189.2 27.8 41.8#

84 147.7 76.9 115.3#

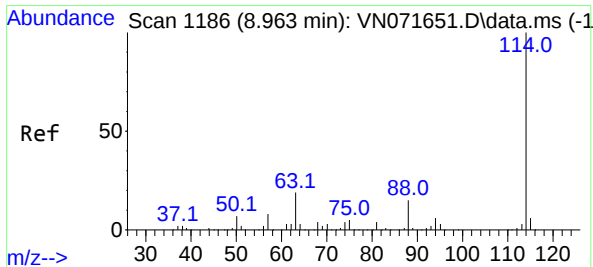
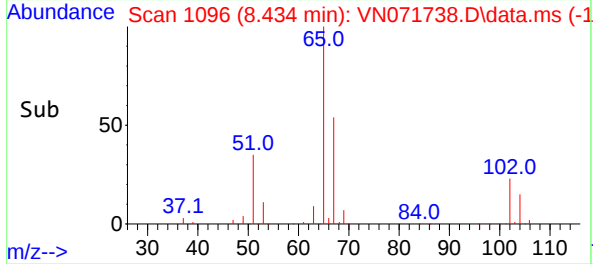
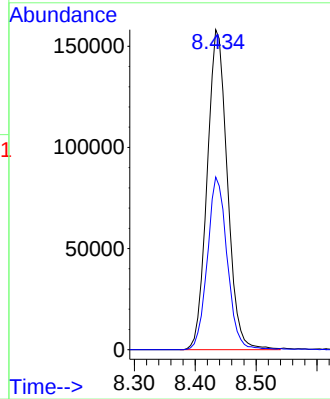
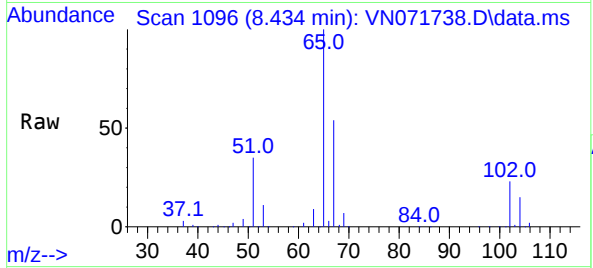




Scan 1096 (8.434 min): VN071651.D\data.ms (-1) #33
 1,2-Dichloroethane-d4
 Concen: 50.510 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: VN071738.D
 Acq: 01 Apr 2022 05:40

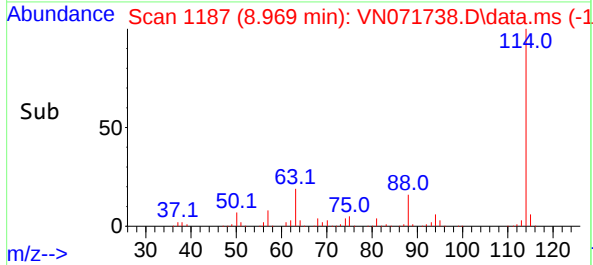
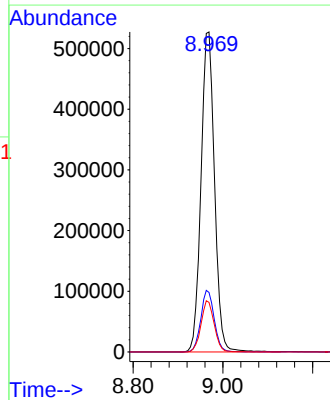
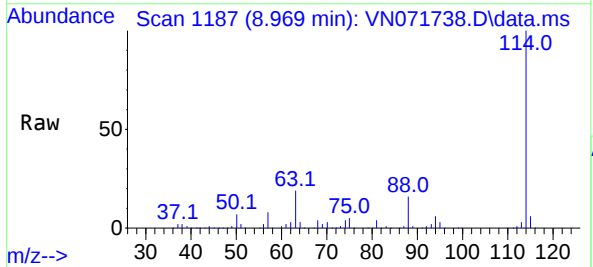
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 ClientSampleId : PB143762ZHE#02

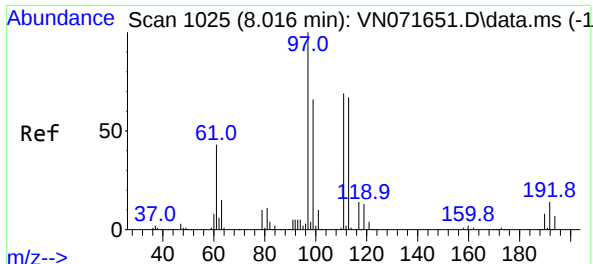
Tgt Ion:	65	Resp:	364258
Ion Ratio	Lower	Upper	
65	100		
67	52.8	0.0	104.8



Scan 1186 (8.963 min): VN071651.D\data.ms (-1) #34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.969 min Scan# 1187
 Delta R.T. 0.006 min
 Lab File: VN071738.D
 Acq: 01 Apr 2022 05:40

Tgt Ion:	114	Resp:	1099923
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	40.0
88	15.5	0.0	32.6

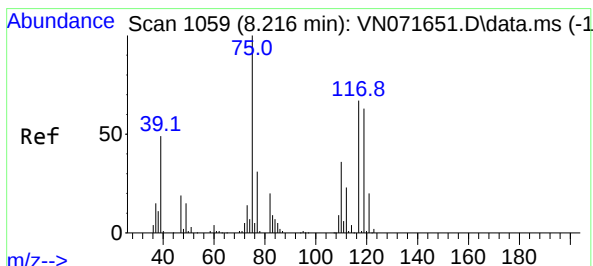
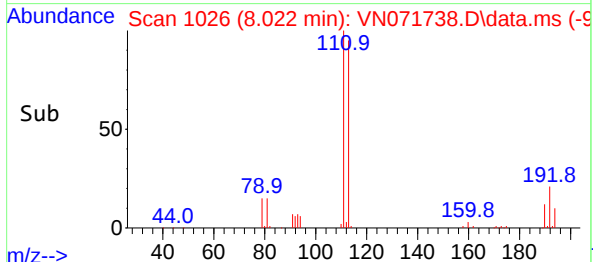
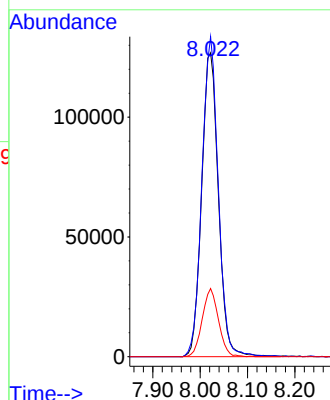
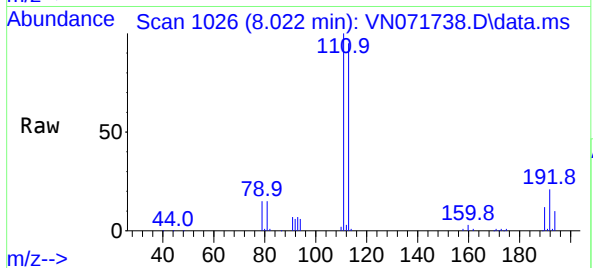




#35
Dibromofluoromethane
Concen: 48.223 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

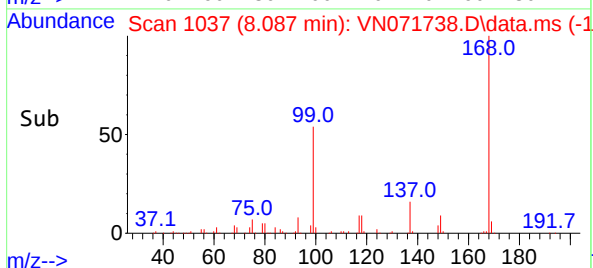
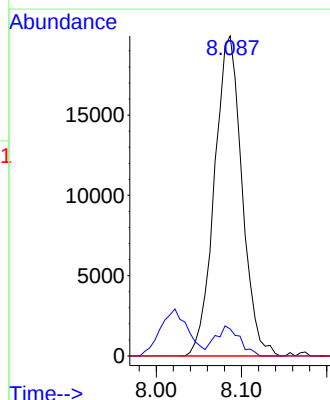
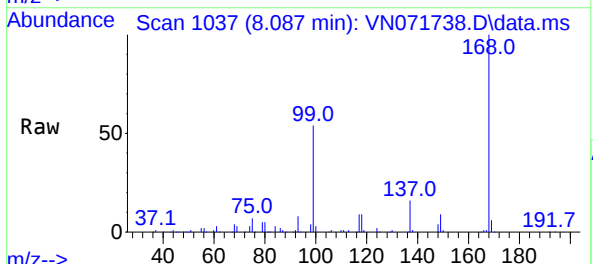
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

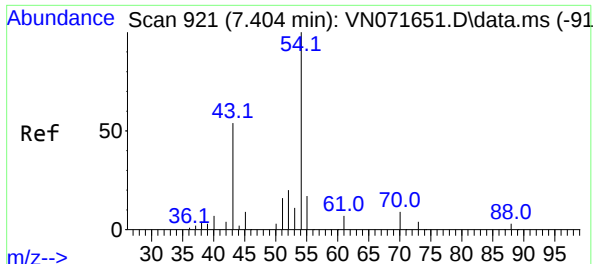
Tgt Ion:113 Resp: 312121
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 75 Resp: 44704
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.707 ug/l

RT: 7.345 min Scan# 91

Delta R.T. -0.059 min

Lab File: VN071738.D

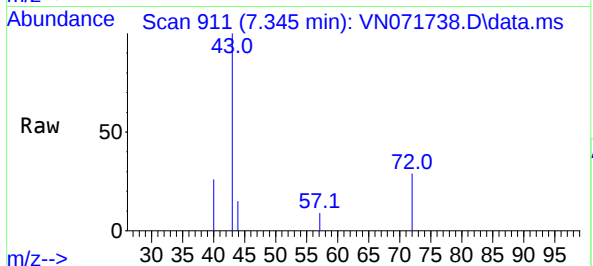
Acq: 01 Apr 2022 05:40

Instrument :

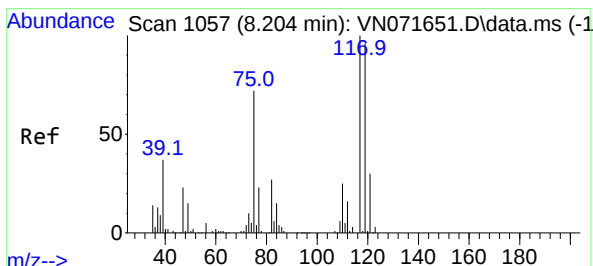
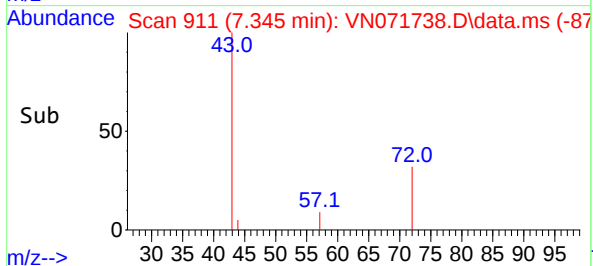
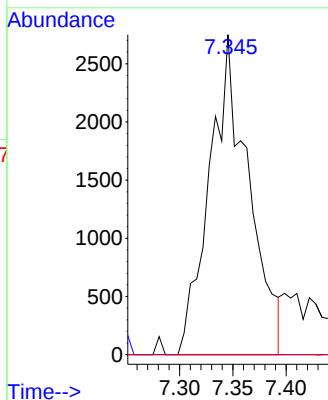
MSVOA_N

ClientSampleId :

PB143762ZHE#02



Tgt Ion:	43	Resp:	6992
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#



#38

Carbon Tetrachloride

Concen: 6.405 ug/l

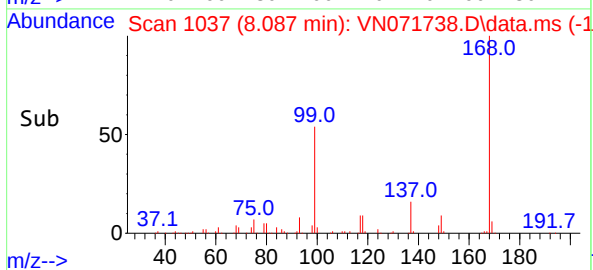
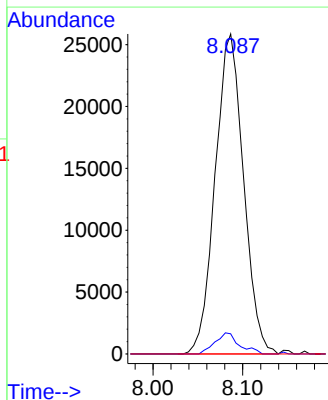
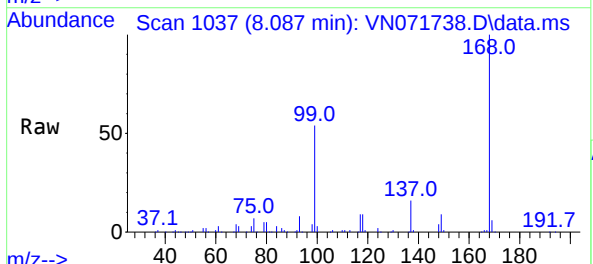
RT: 8.087 min Scan# 1037

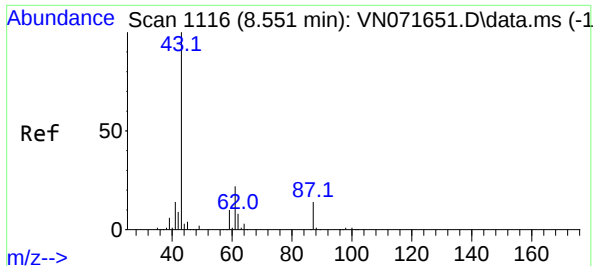
Delta R.T. -0.117 min

Lab File: VN071738.D

Acq: 01 Apr 2022 05:40

Tgt Ion:	117	Resp:	56735
Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.8	113.8#
121	0.0	24.6	37.0#

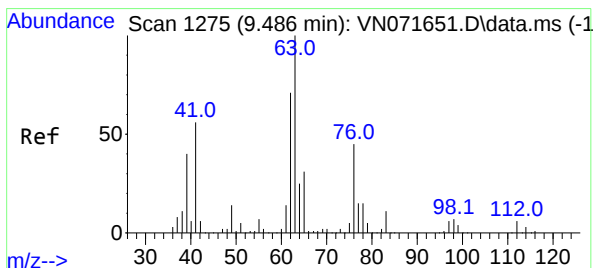
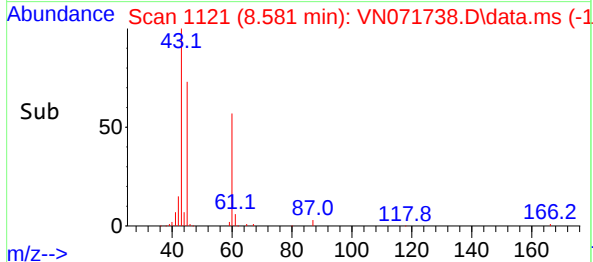
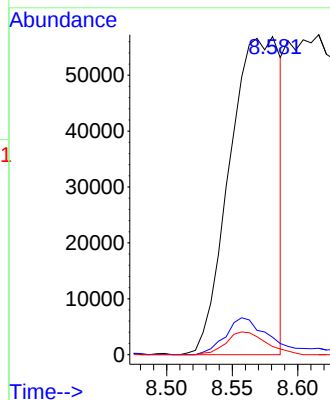
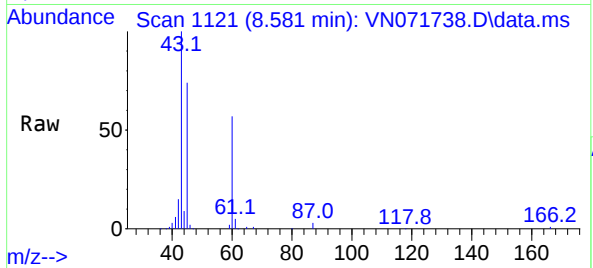




#43
Isopropyl Acetate
Concen: 9.191 ug/l
RT: 8.581 min Scan# 1116
Delta R.T. 0.030 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

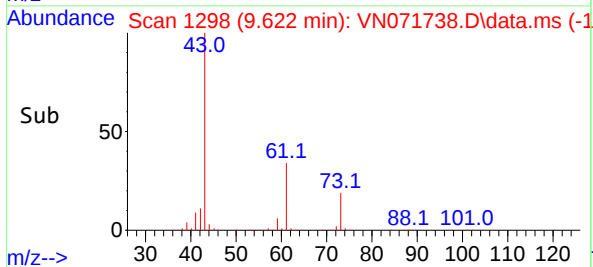
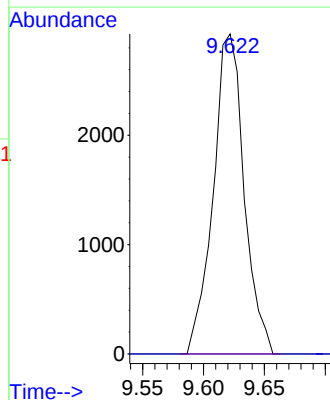
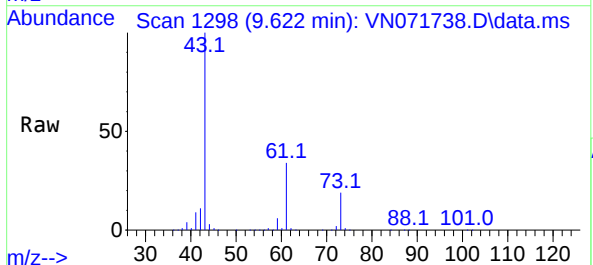
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

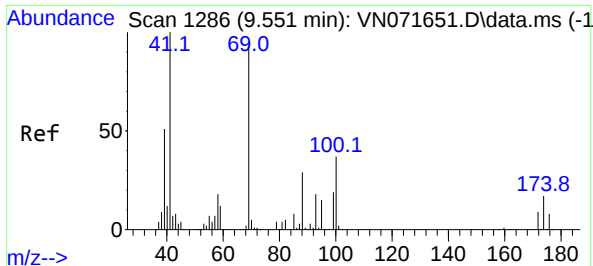
Tgt Ion: 43 Resp: 151230
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.725 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.136 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 63 Resp: 5173
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

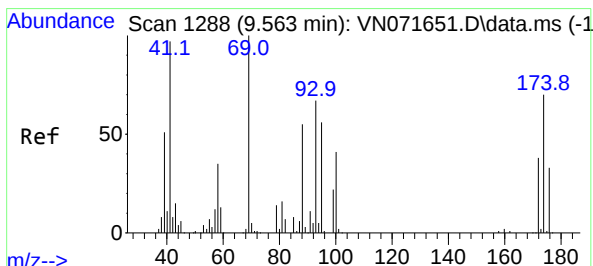
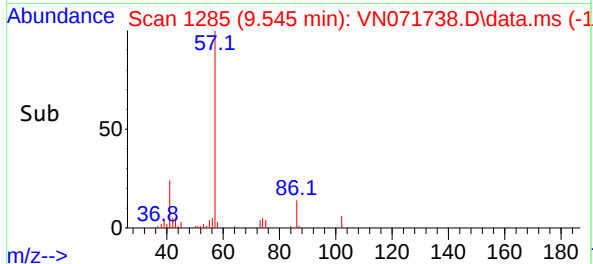
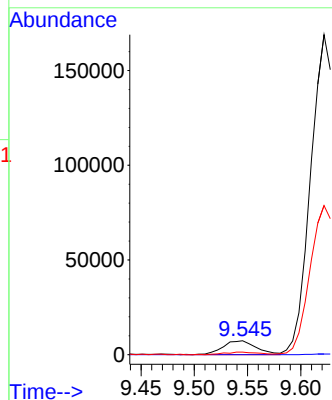
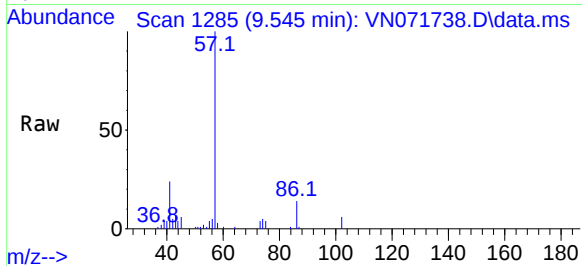




#48
Methyl methacrylate
Concen: 2.362 ug/l
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

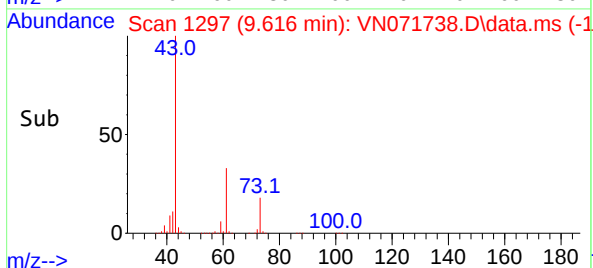
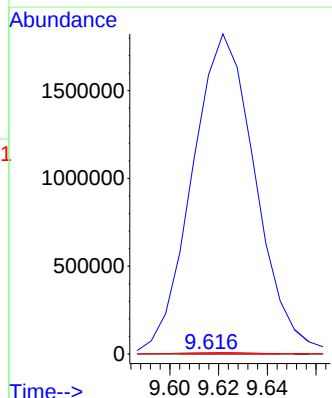
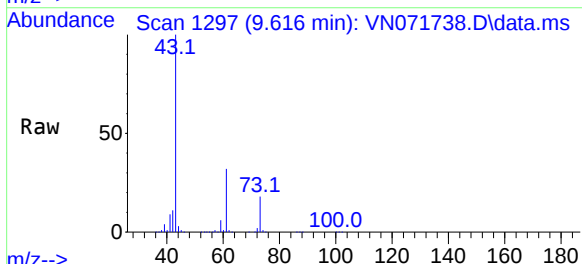
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

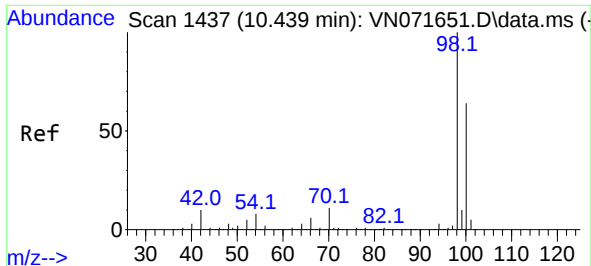
Tgt Ion: 41 Resp: 16122
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.616 min Scan# 1297
Delta R.T. 0.053 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 88 Resp: 465
Ion Ratio Lower Upper
88 100
43 726012.7 20.2 30.4#
58 3786.9 54.2 81.4#

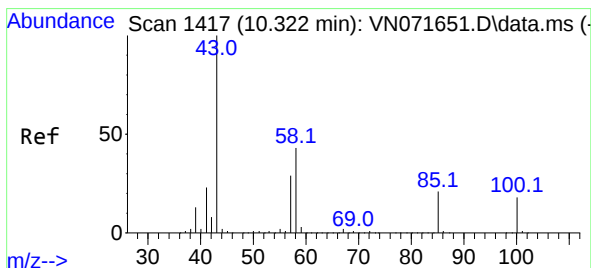
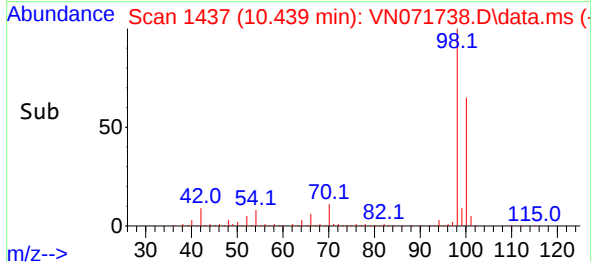
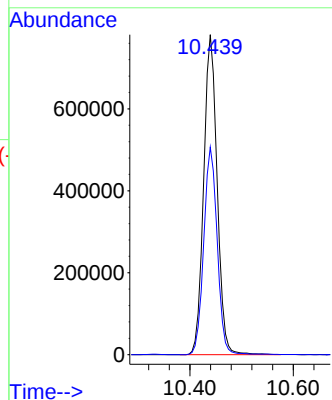
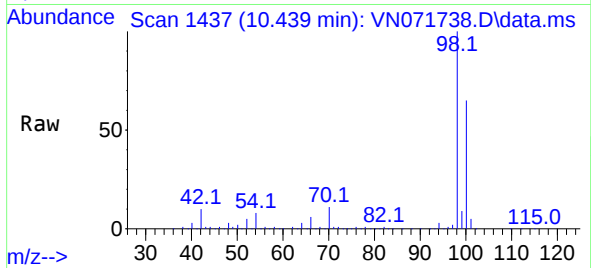




#50
Toluene-d8
Concen: 53.403 ug/l
RT: 10.439 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

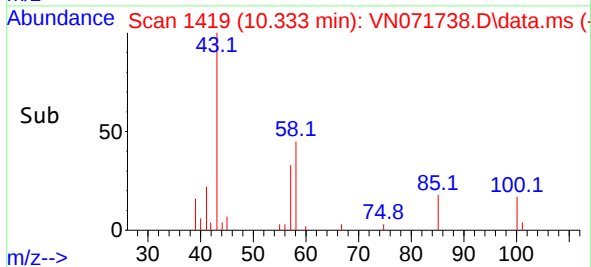
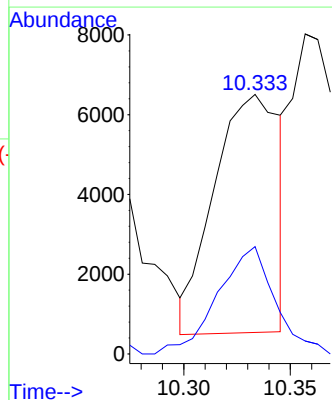
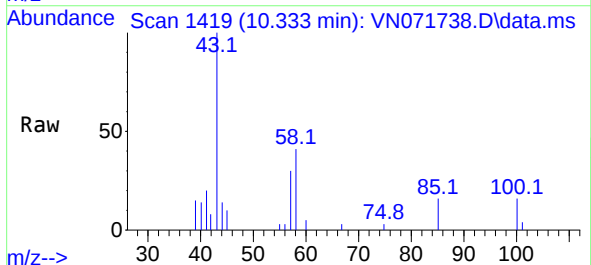
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

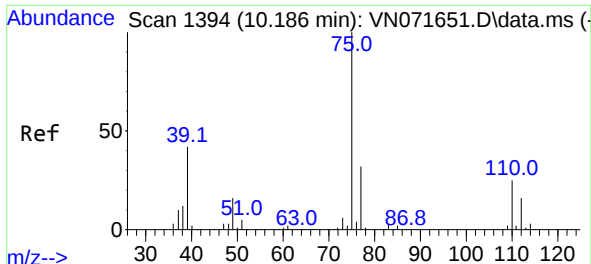
Tgt Ion: 98 Resp: 1413947
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.347 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 43 Resp: 12747
Ion Ratio Lower Upper
43 100
58 39.4 34.1 51.1

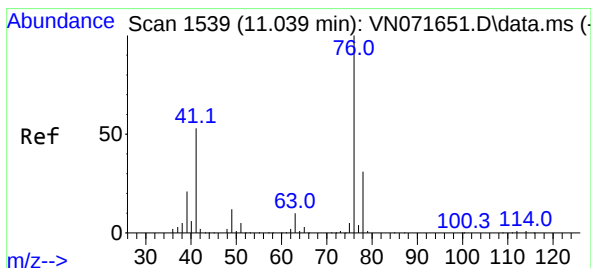
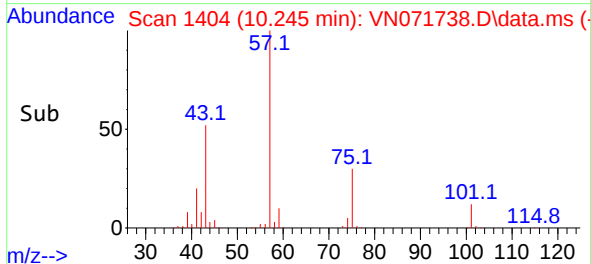
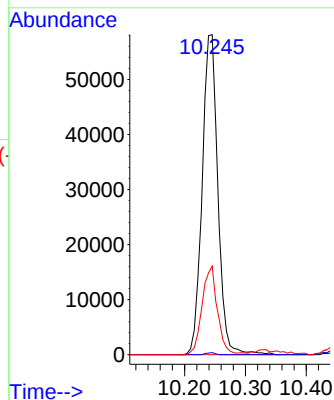
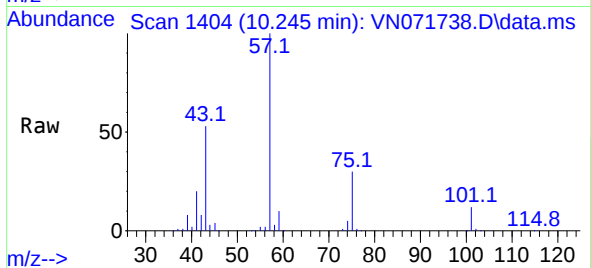




#54
cis-1,3-Dichloropropene
Concen: 9.450 ug/l
RT: 10.245 min Scan# 14
Delta R.T. 0.059 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

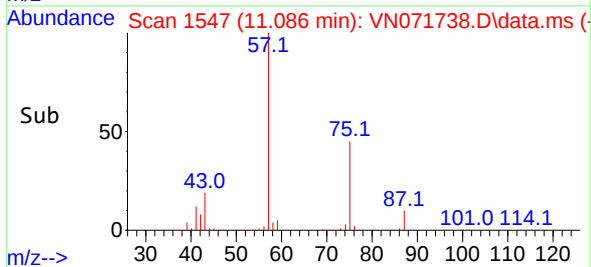
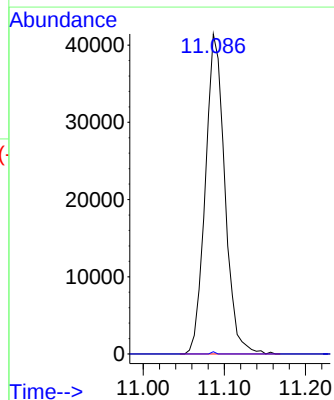
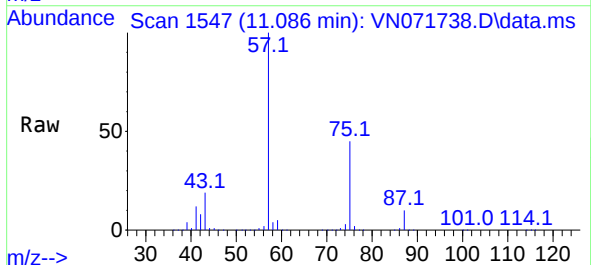
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

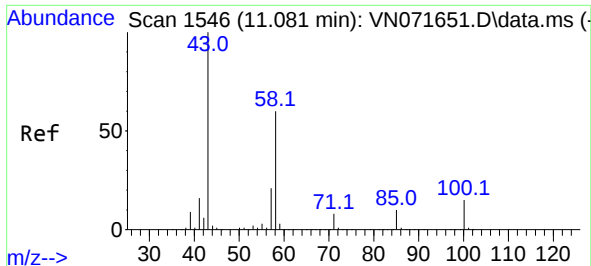
Tgt Ion: 75 Resp: 104324
Ion Ratio Lower Upper
75 100
77 0.6 25.2 37.8#
39 27.6 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 5.550 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 76 Resp: 68930
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

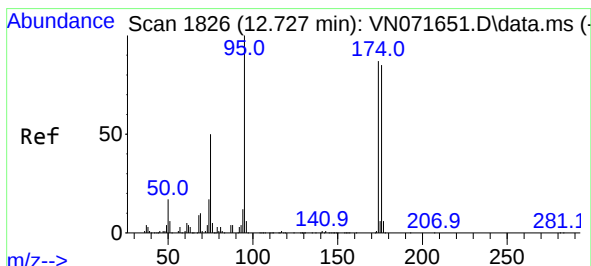
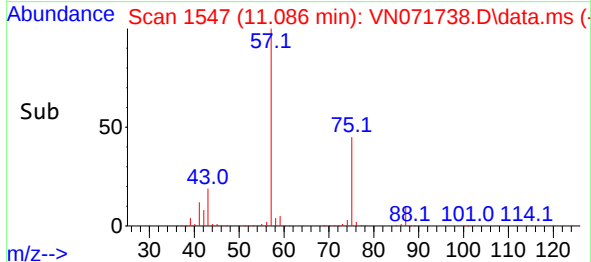
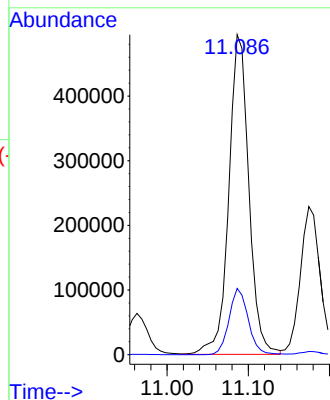
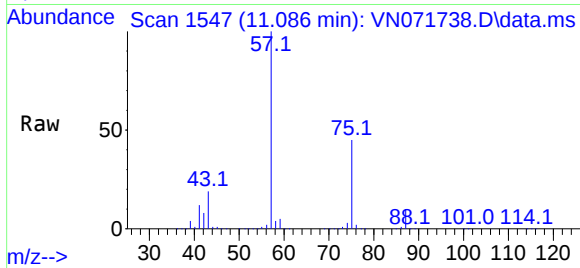




#59
2-Hexanone
Concen: 127.471 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

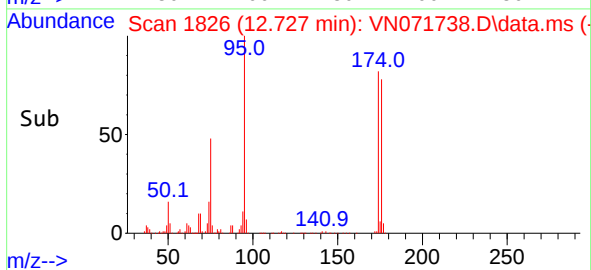
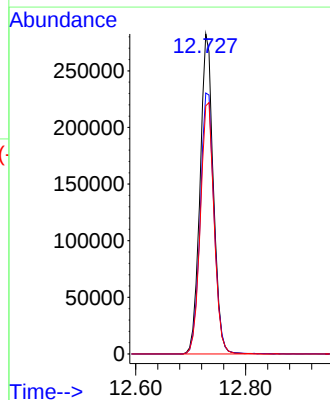
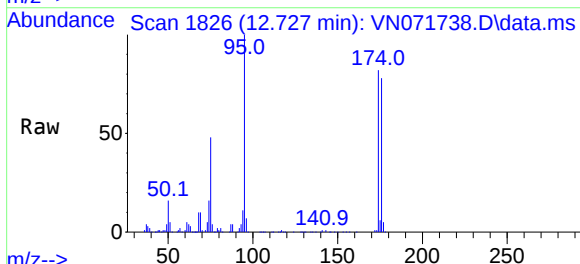
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

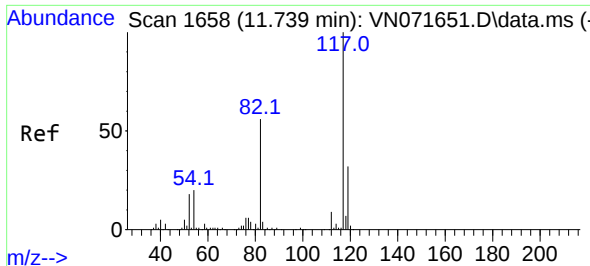
Tgt Ion: 43 Resp: 849062
Ion Ratio Lower Upper
43 100
58 19.8 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 55.401 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

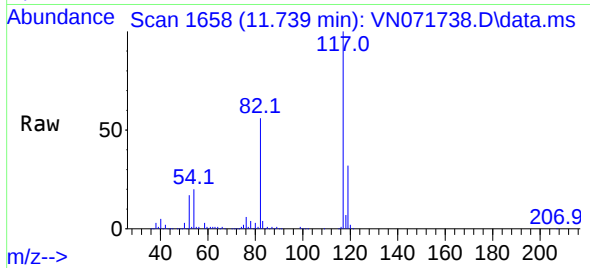
Tgt Ion: 95 Resp: 474404
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 81.0 0.0 163.4





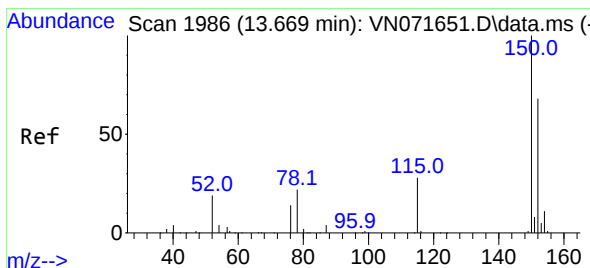
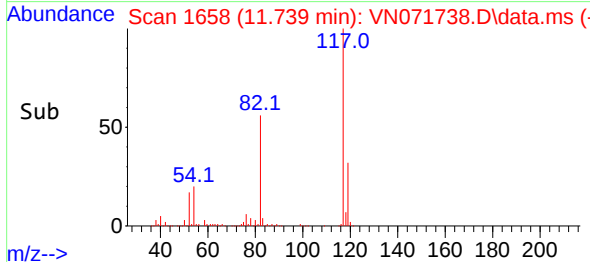
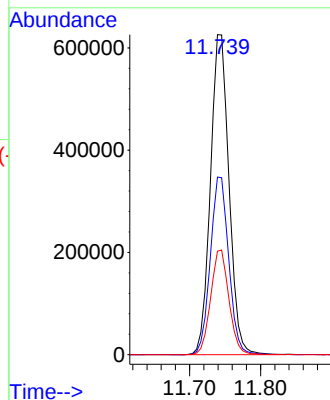
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02



Tgt Ion:117 Resp: 1135214

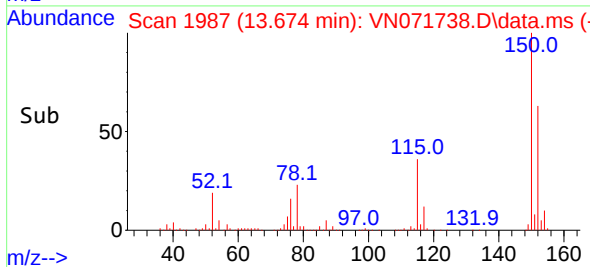
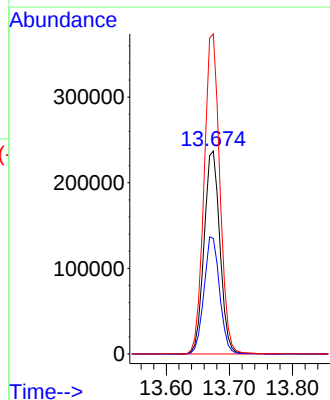
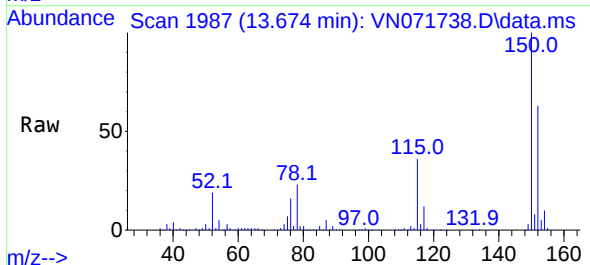
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.2
119	32.4	25.4	38.0

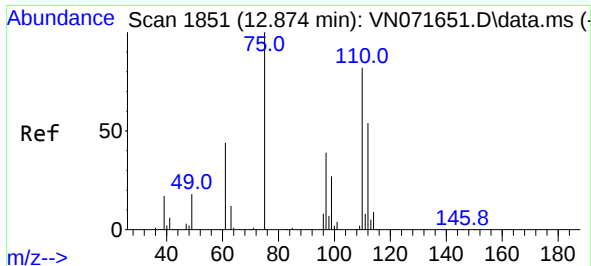


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion:152 Resp: 412635

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.9	86.7
150	157.3	0.0	356.2

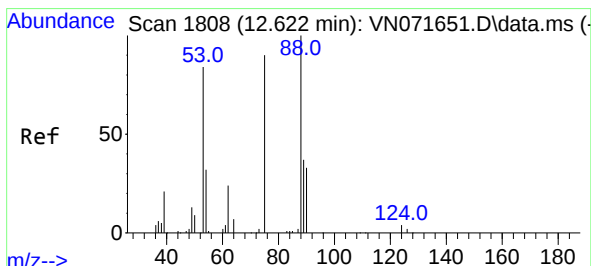
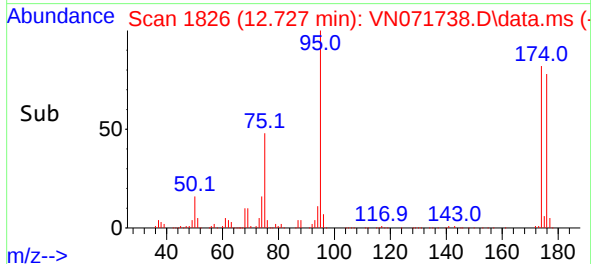
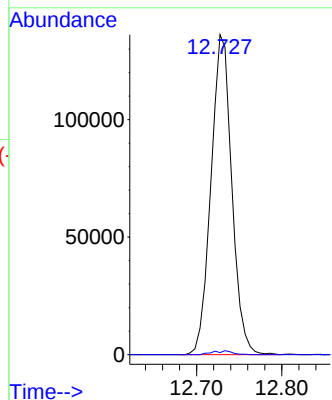
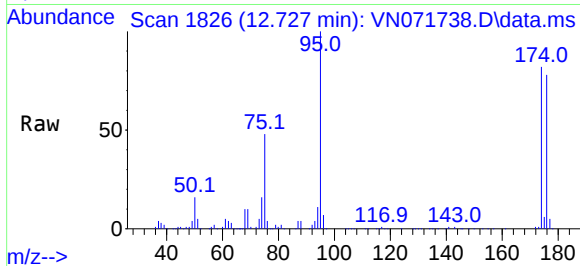




#76
1,2,3-Trichloropropane
Concen: 24.138 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

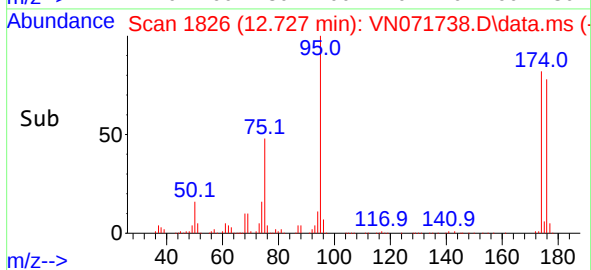
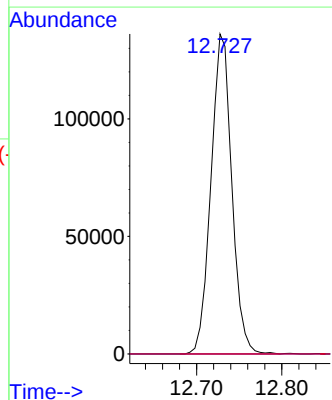
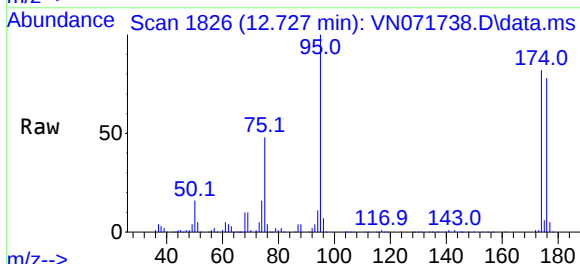
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

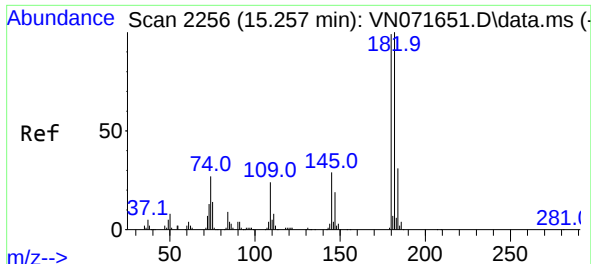
Tgt Ion: 75 Resp: 230734
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.802 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

Tgt Ion: 75 Resp: 230734
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

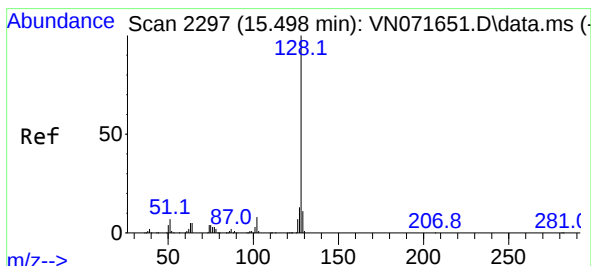
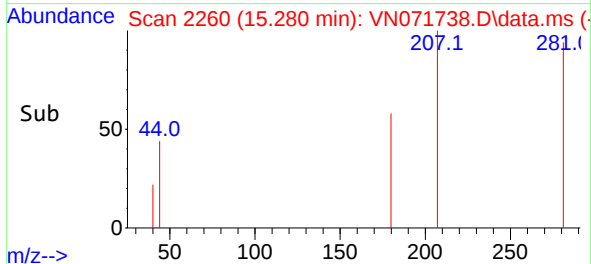
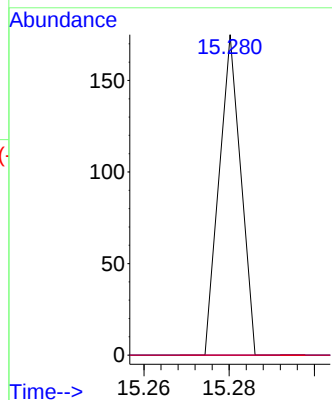
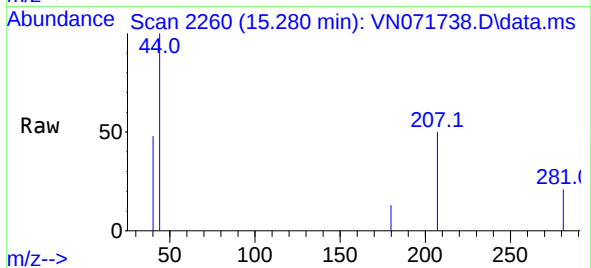




#93
1,2,4-Trichlorobenzene
Concen: 2.095 ug/l
RT: 15.280 min Scan# 21
Delta R.T. 0.023 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

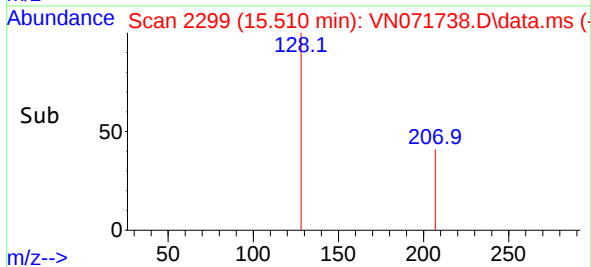
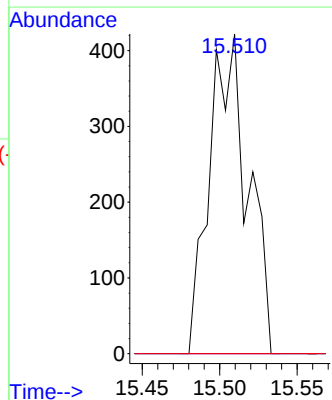
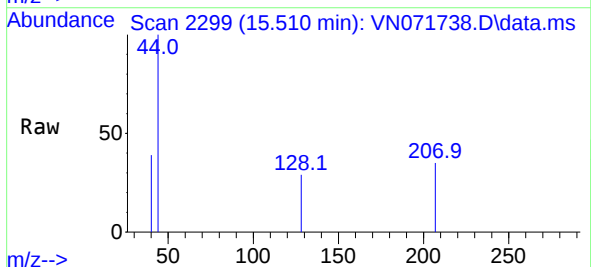
Instrument :
MSVOA_N
ClientSampleId :
PB143762ZHE#02

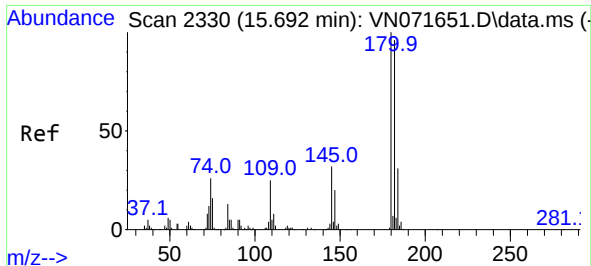
Tgt Ion:180 Resp: 62
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.839 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN071738.D
Acq: 01 Apr 2022 05:40

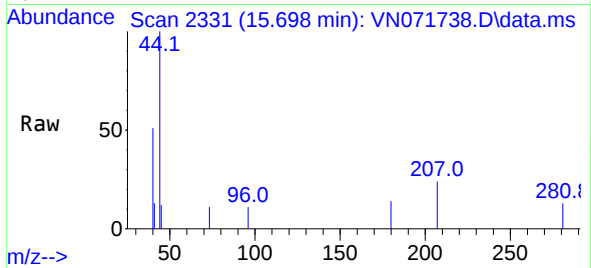
Tgt Ion:128 Resp: 726
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.425 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071738.D
 Acq: 01 Apr 2022 05:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143762ZHE#02



Tgt Ion:	180	Resp:	72
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

