

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071291.D
 Acq On : 15 Mar 2022 14:52
 Operator : JC\MD
 Sample : N1851-05
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUM-36

Quant Time: Mar 16 08:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

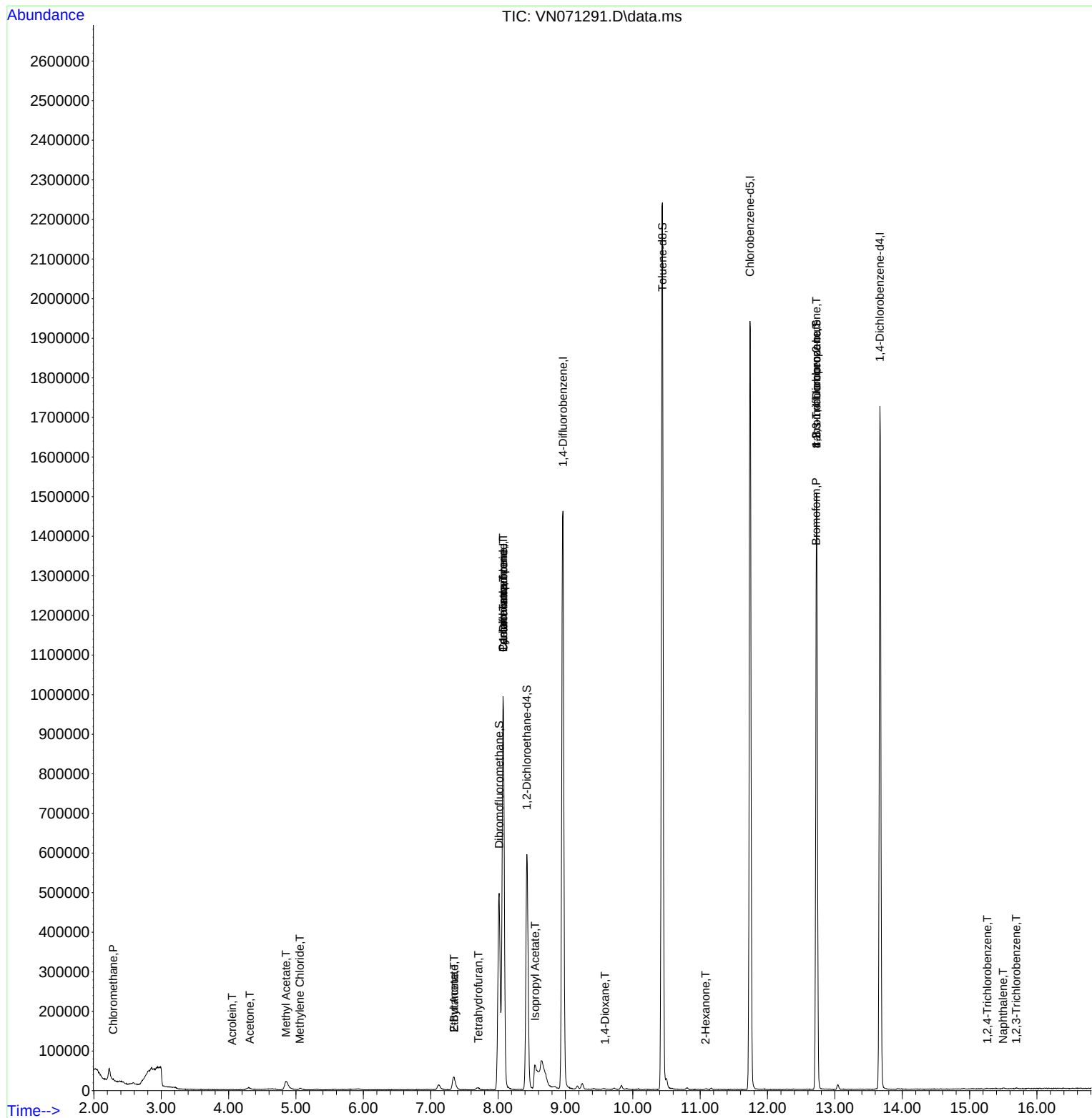
Internal Standards						
1) Pentafluorobenzene	8.075	168	787987	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1313911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1149960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	471208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	501287	46.417	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.840%
35) Dibromofluoromethane	8.016	113	369711	44.591	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.180%
50) Toluene-d8	10.439	98	1590831	47.654	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.727	95	520927	46.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.287	50	3072	0.231	ug/l	96
5) Bromomethane	2.804	94	1947	Below Cal		92
13) Acrolein	4.051	56	690	0.307	ug/l #	14
16) Acetone	4.316	43	8340	1.587	ug/l	91
18) Methyl Acetate	4.851	43	60464	4.714	ug/l	94
20) Methylene Chloride	5.057	84	1749	0.563	ug/l #	76
25) 2-Butanone	7.345	43	70825	8.367	ug/l	96
29) Tetrahydrofuran	7.710	42	5442	0.928	ug/l	90
31) Cyclohexane	8.075	56	16463	0.955	ug/l #	5
36) 1,1-Dichloropropene	8.075	75	62420	4.699	ug/l #	49
37) Ethyl Acetate	7.345	43	70825	3.874	ug/l #	68
38) Carbon Tetrachloride	8.075	117	76198	5.930	ug/l #	15
43) Isopropyl Acetate	8.551	43	70398	2.575	ug/l #	57
49) 1,4-Dioxane	9.586	88	55	0.250	ug/l #	1
59) 2-Hexanone	11.080	43	2628	0.227	ug/l	63
71) Bromoform	12.721	173	2184	0.318	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.816	83	64	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	267360	21.820	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	267360	61.335	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	642	3.067	ug/l #	80
95) Naphthalene	15.498	128	2437	5.169	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.692	180	805	2.835	ug/l #	65

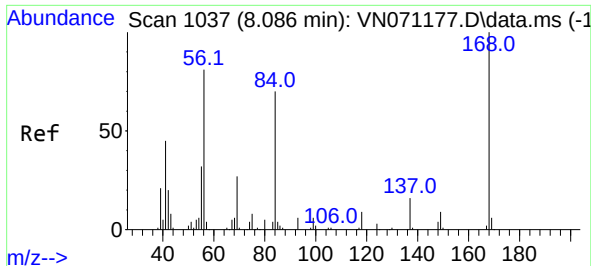
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N1851-05
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Instrument :
MSVOA_N
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DUM-36

Quant Time: Mar 16 08:00:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

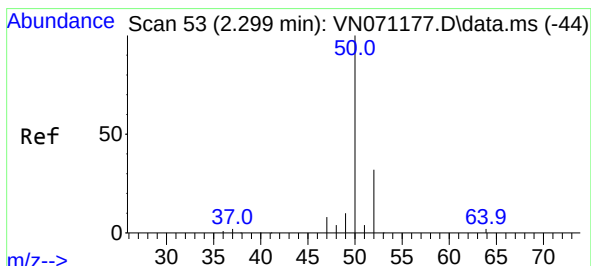
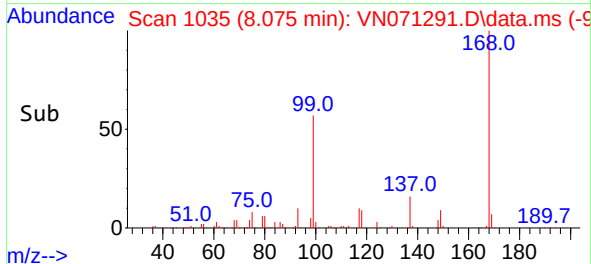
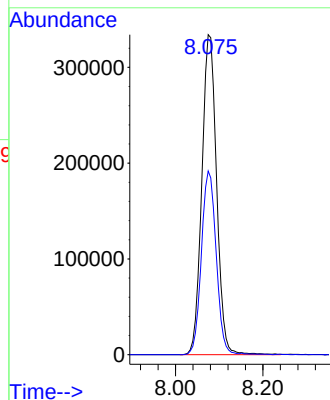
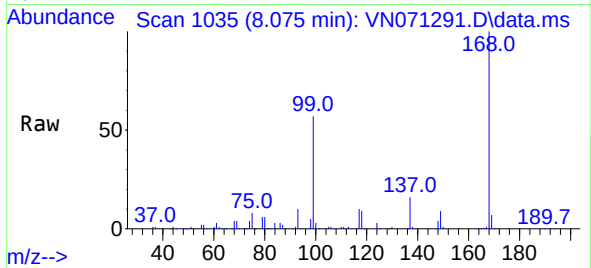




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.011 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

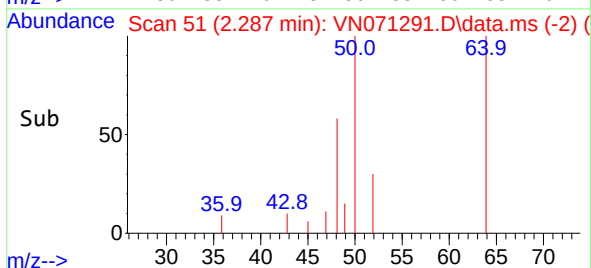
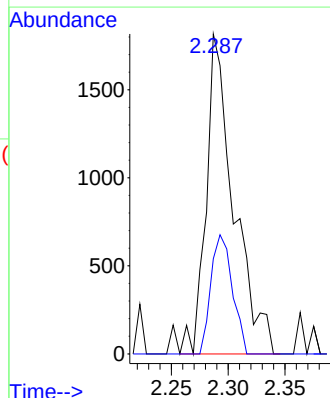
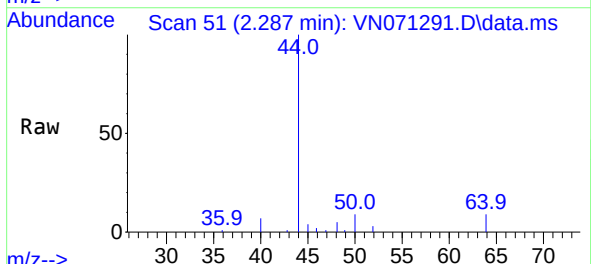
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

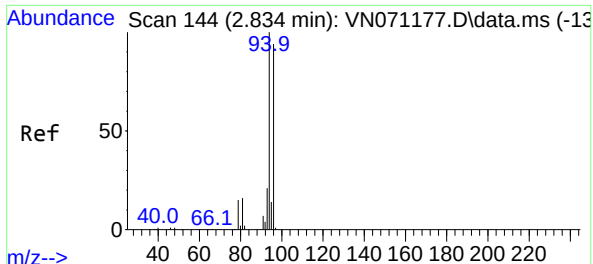
Tgt Ion:168 Resp: 787987
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.287 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 50 Resp: 3072
Ion Ratio Lower Upper
50 100
52 29.7 25.4 38.0

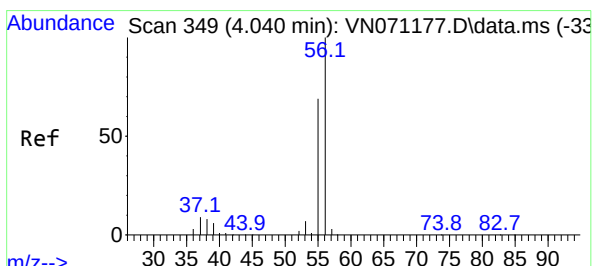
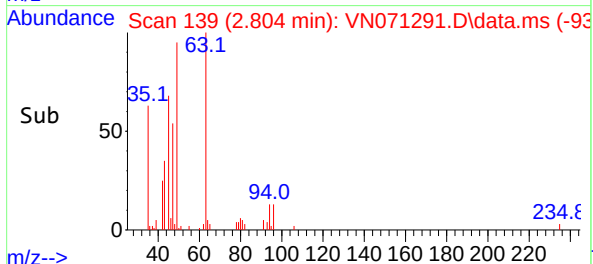
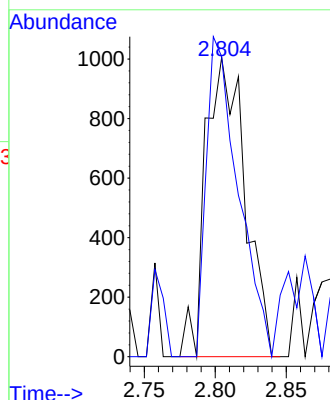
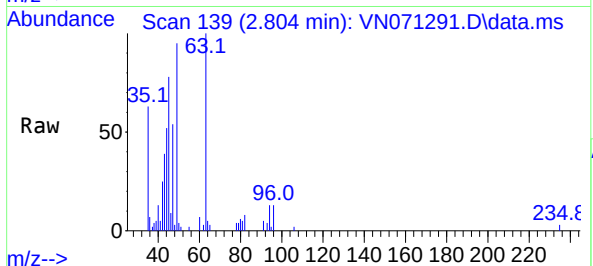




#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

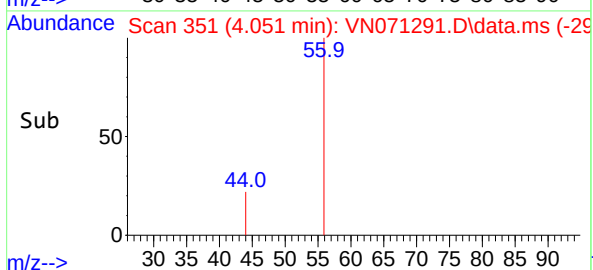
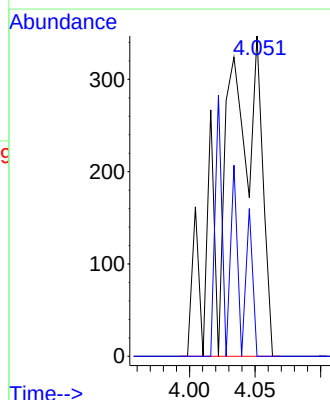
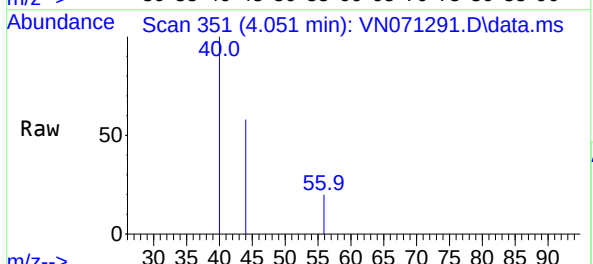
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

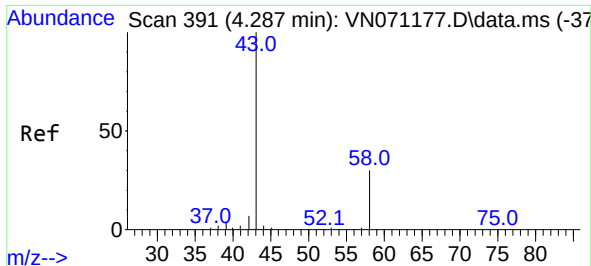
Tgt Ion: 94 Resp: 1947
Ion Ratio Lower Upper
94 100
96 100.3 73.8 110.8



#13
Acrolein
Concen: 0.307 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.012 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 56 Resp: 690
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

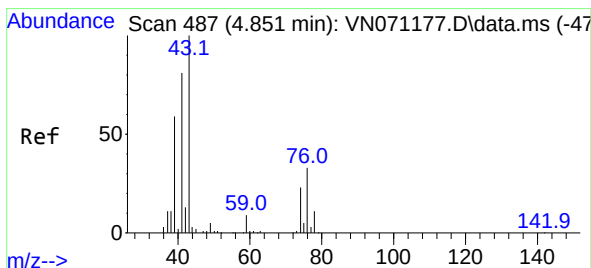
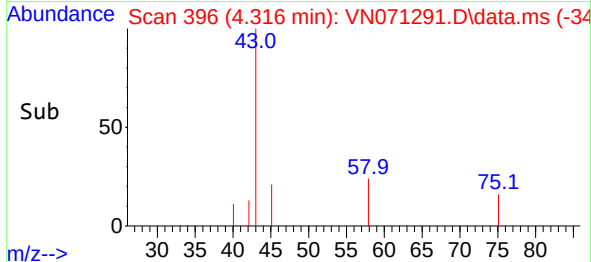
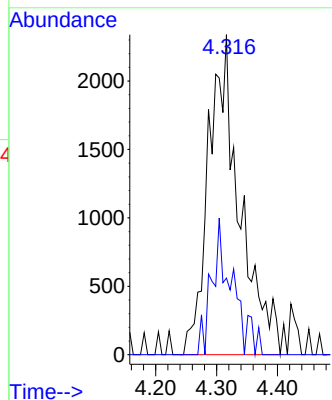
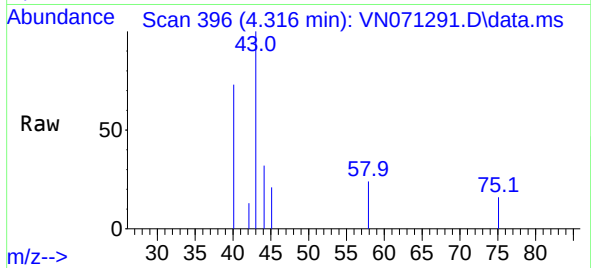




#16
Acetone
Concen: 1.587 ug/l
RT: 4.316 min Scan# 396
Delta R.T. 0.029 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

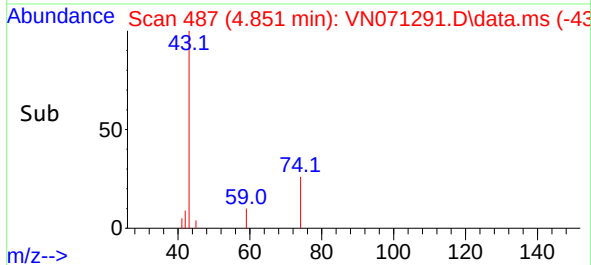
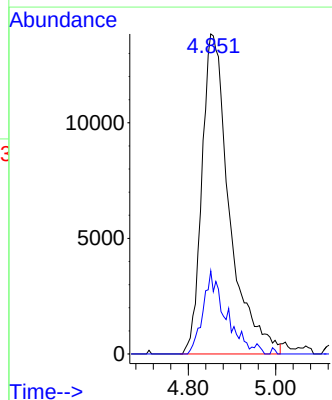
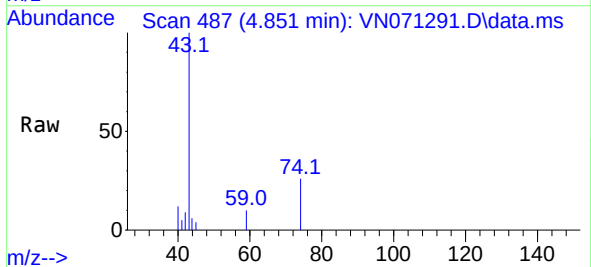
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

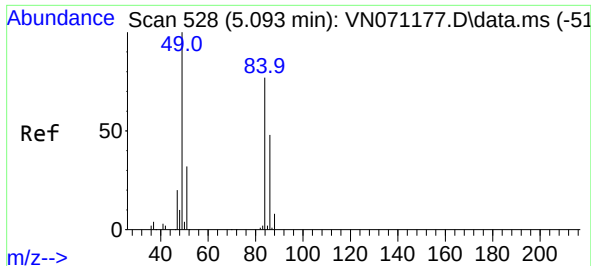
Tgt Ion: 43 Resp: 8340
Ion Ratio Lower Upper
43 100
58 23.9 23.1 34.7



#18
Methyl Acetate
Concen: 4.714 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

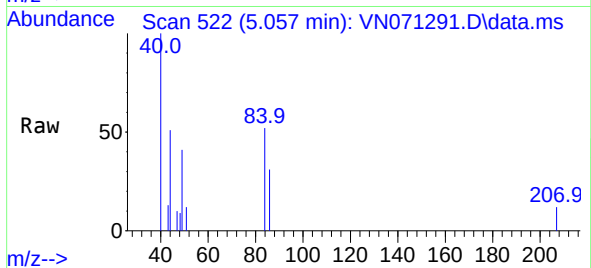
Tgt Ion: 43 Resp: 60464
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2



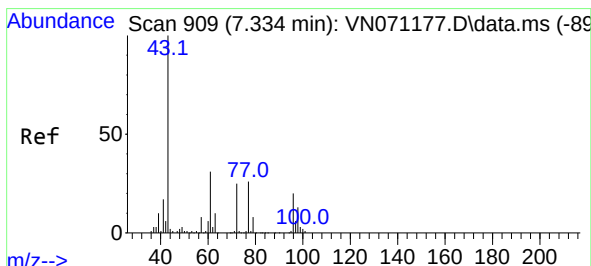
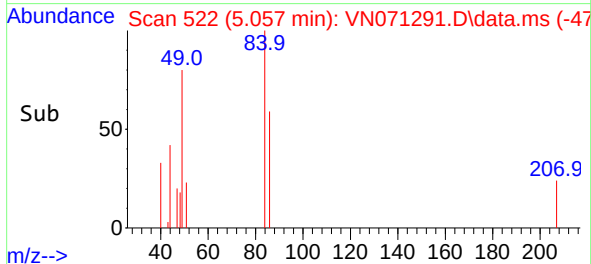
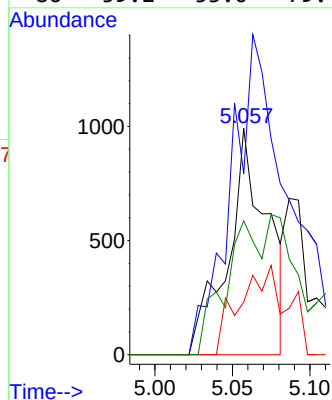


#20
Methylene Chloride
Concen: 0.563 ug/l
RT: 5.057 min Scan# 51
Delta R.T. -0.036 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
DUM-36

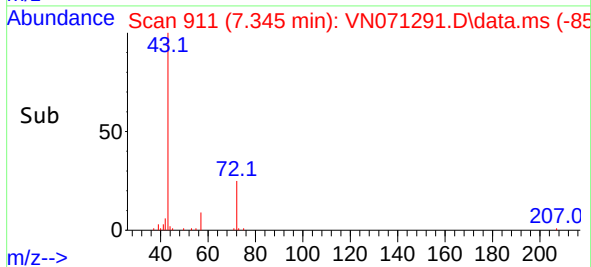
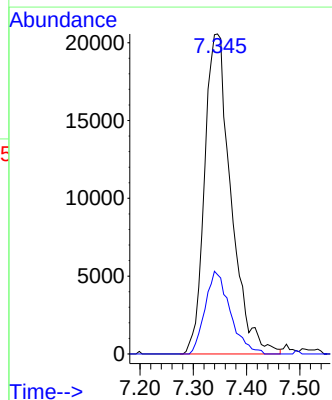
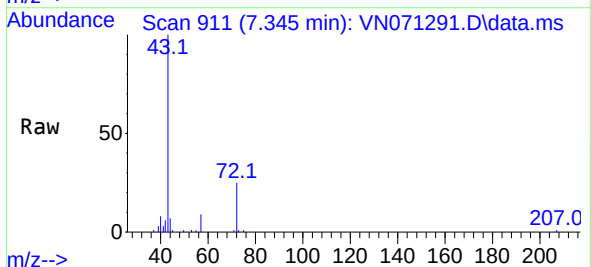


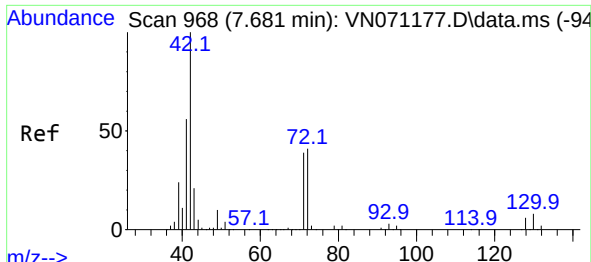
Tgt Ion: 84 Resp: 1749
Ion Ratio Lower Upper
84 100
49 79.9 93.5 140.3#
51 23.3 29.4 44.2#
86 59.2 53.0 79.4



#25
2-Butanone
Concen: 8.367 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 43 Resp: 70825
Ion Ratio Lower Upper
43 100
72 24.8 21.7 32.5

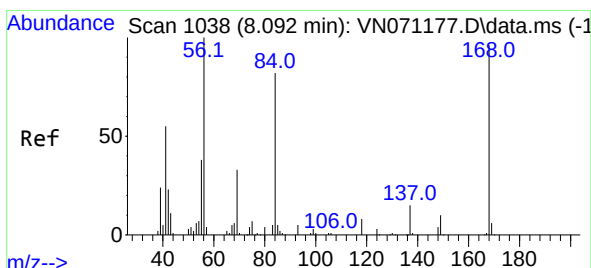
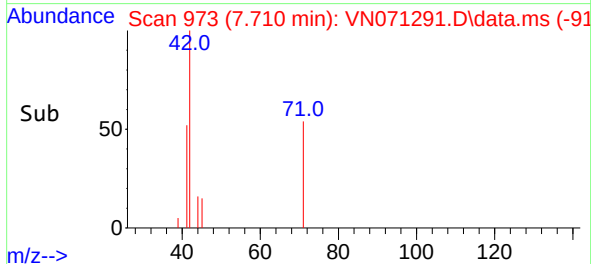
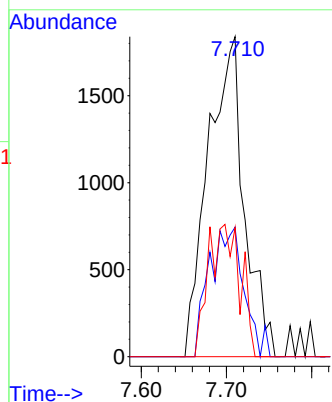
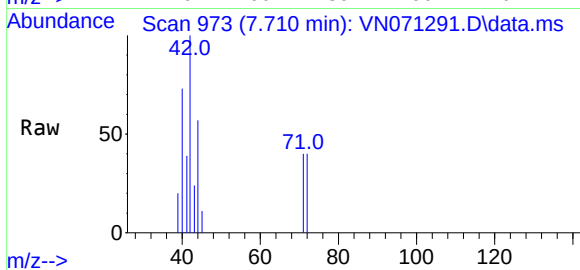




#29
Tetrahydrofuran
Concen: 0.928 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.029 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

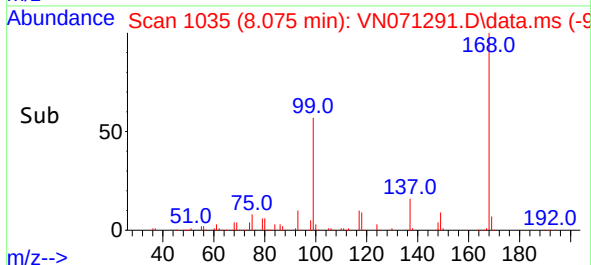
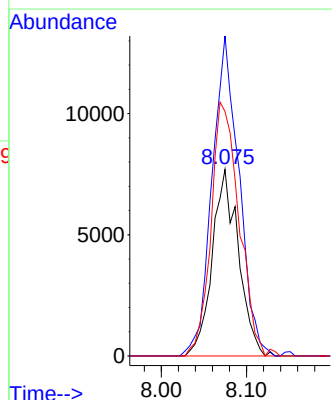
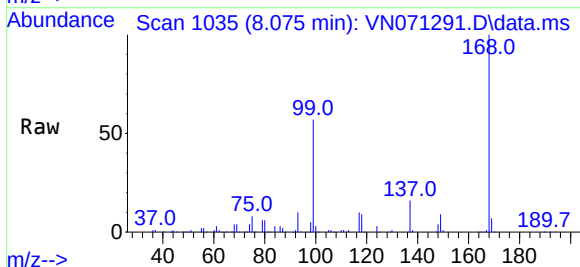
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

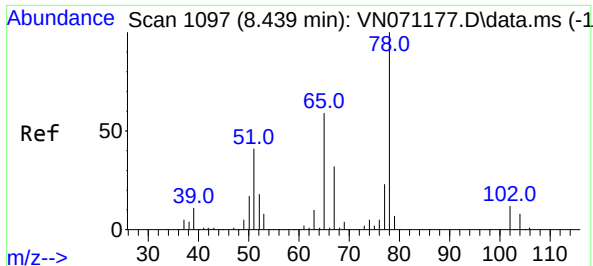
Tgt Ion:	42	Resp:	5442
Ion	Ratio	Lower	Upper
42	100		
72	38.9	36.3	54.5
71	36.4	34.7	52.1



#31
Cyclohexane
Concen: 0.955 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion:	56	Resp:	16463
Ion	Ratio	Lower	Upper
56	100		
69	171.5	27.1	40.7#
84	131.0	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.417 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071291.D

Acq: 15 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

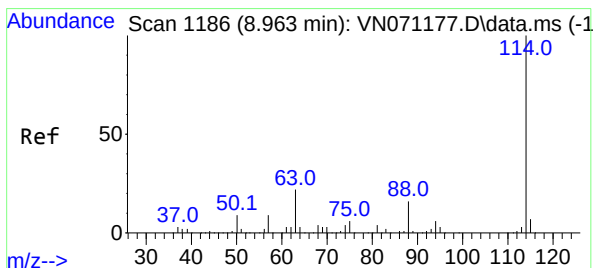
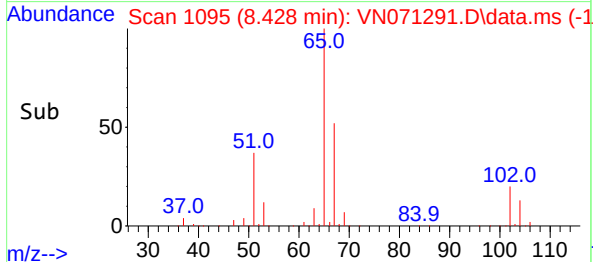
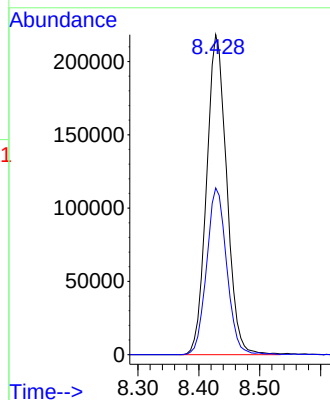
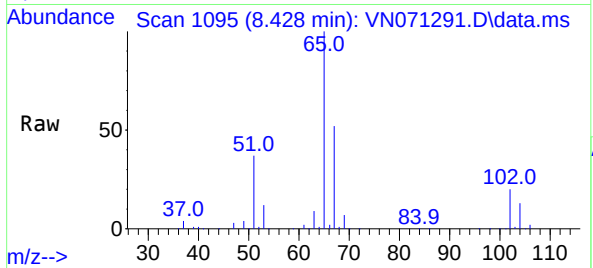
DUM-36

Tgt Ion: 65 Resp: 501287

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071291.D

Acq: 15 Mar 2022 14:52

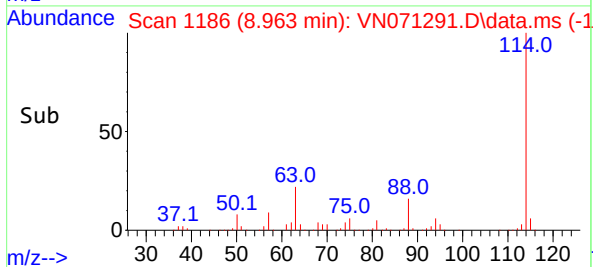
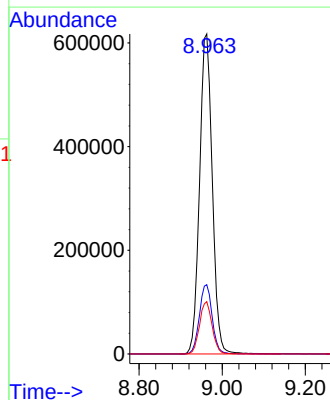
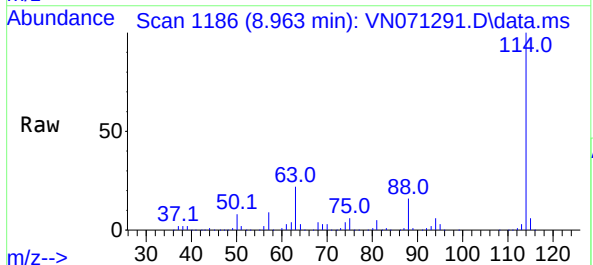
Tgt Ion: 114 Resp: 1313911

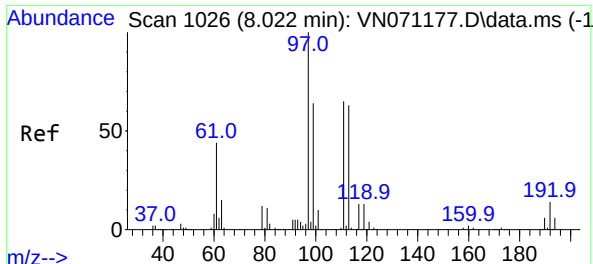
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

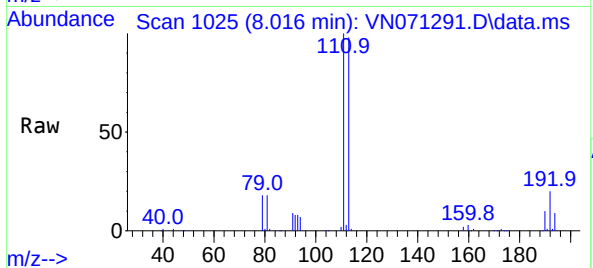
88 16.3 0.0 27.4



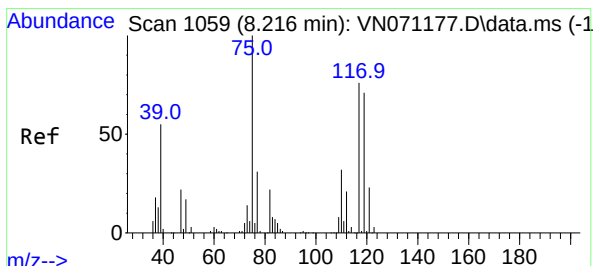
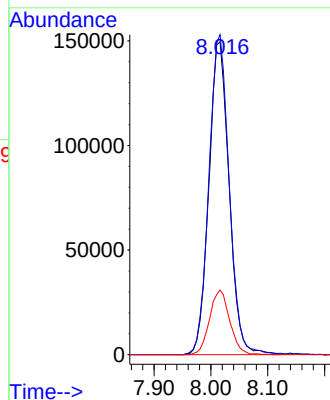
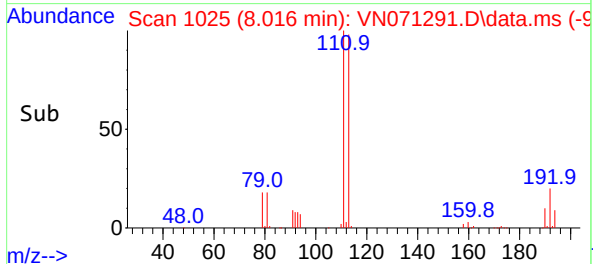


#35
Dibromofluoromethane
Concen: 44.591 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

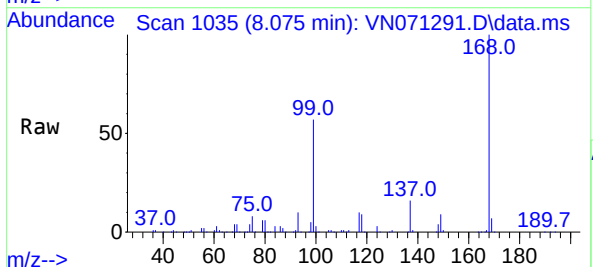
Instrument :
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DUM-36



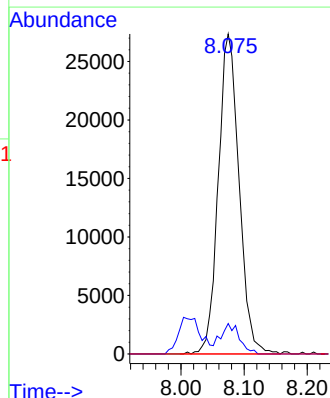
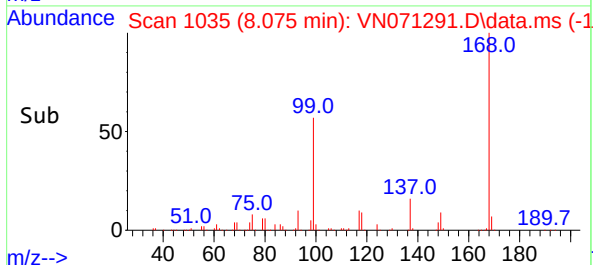
Tgt Ion:113 Resp: 369711
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.6 16.9 25.3

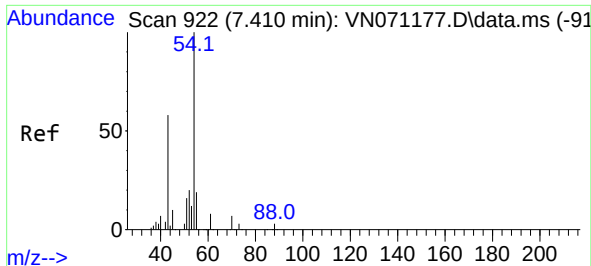


#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.141 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52



Tgt Ion: 75 Resp: 62420
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#

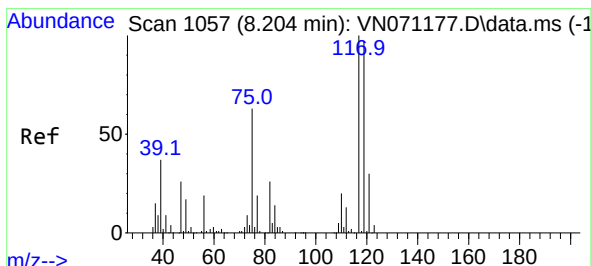
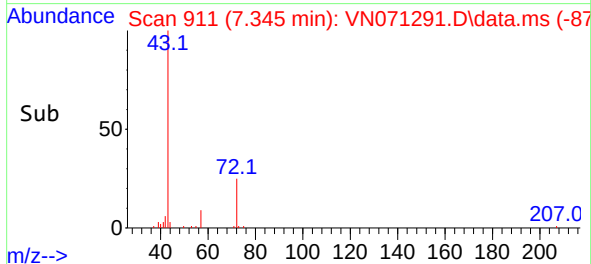
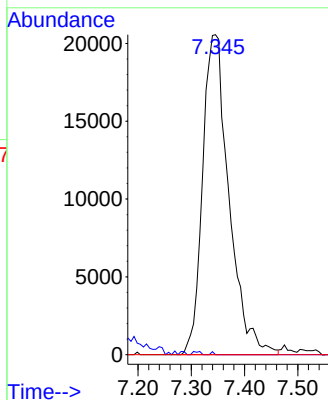
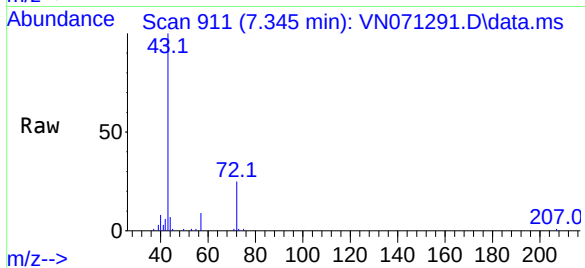




#37
Ethyl Acetate
Concen: 3.874 ug/l
RT: 7.345 min Scan# 911
Delta R.T. -0.065 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

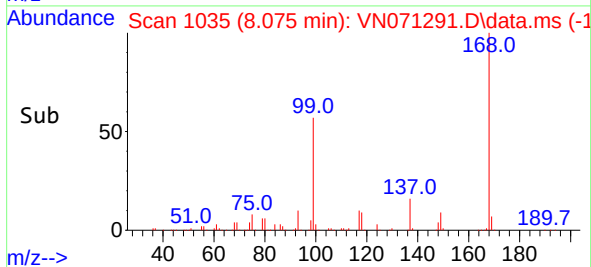
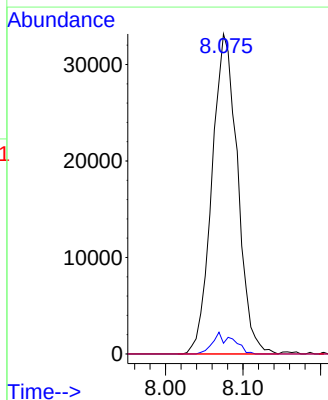
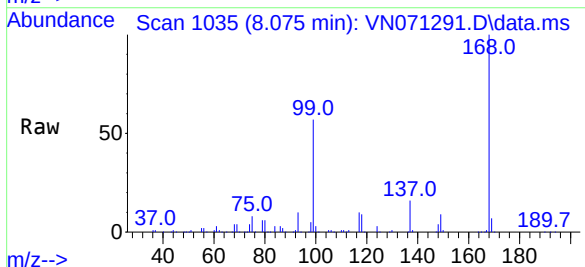
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

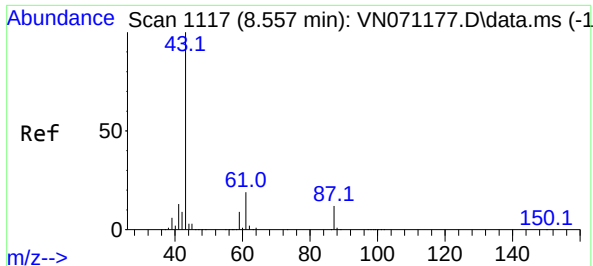
Tgt Ion: 43 Resp: 70825
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.129 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 117 Resp: 76198
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.2 36.2#

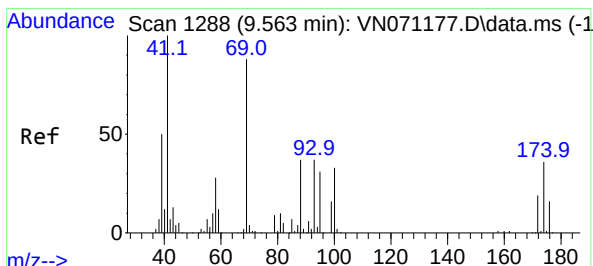
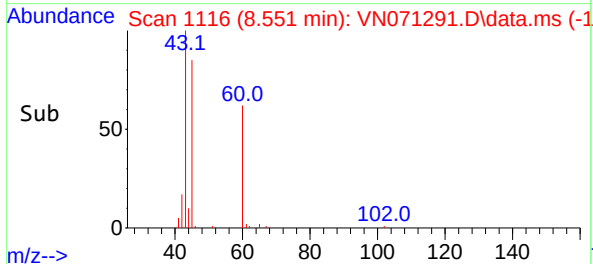
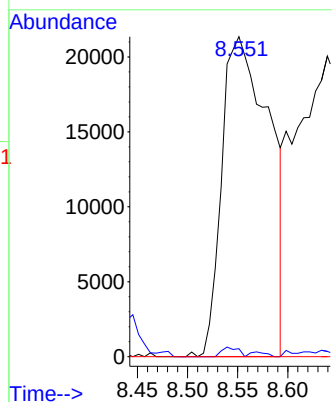
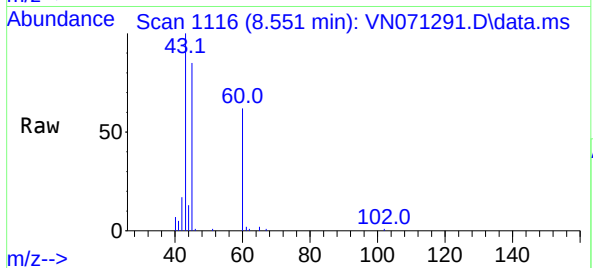




#43
Isopropyl Acetate
Concen: 2.575 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

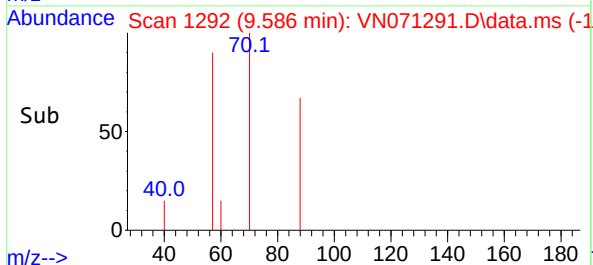
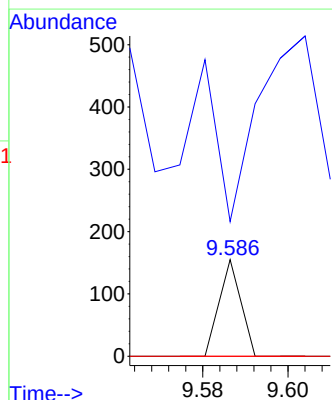
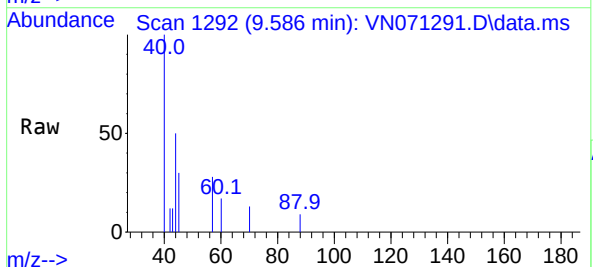
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

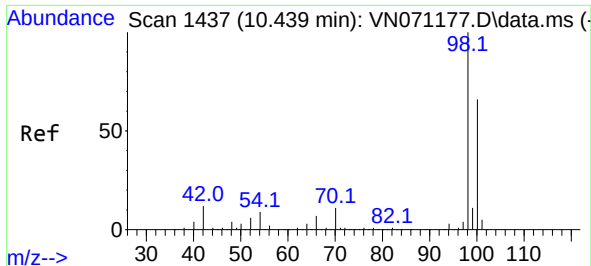
Tgt Ion: 43 Resp: 70398
Ion Ratio Lower Upper
43 100
61 1.0 20.4 30.6#
87 0.0 11.2 16.8#



#49
1,4-Dioxane
Concen: 0.250 ug/l
RT: 9.586 min Scan# 1292
Delta R.T. 0.023 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 167.3 23.4 35.2#
58 0.0 50.6 75.8#

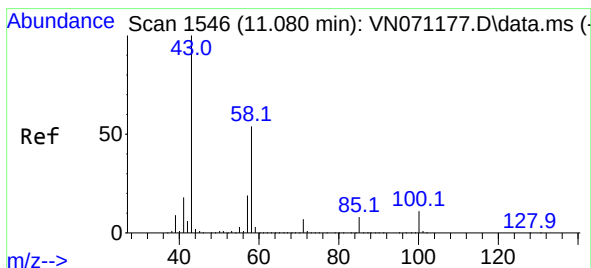
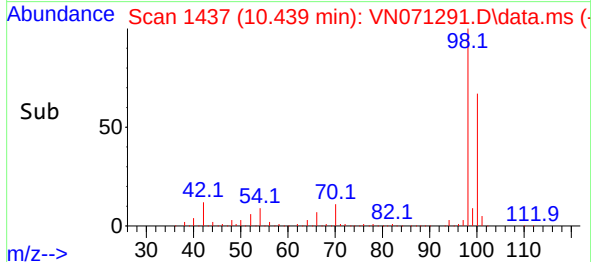
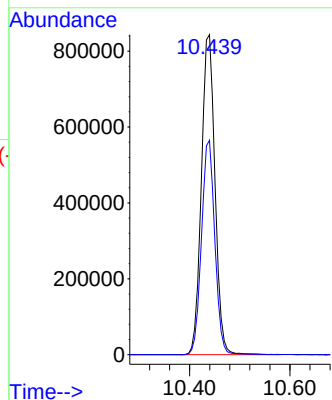
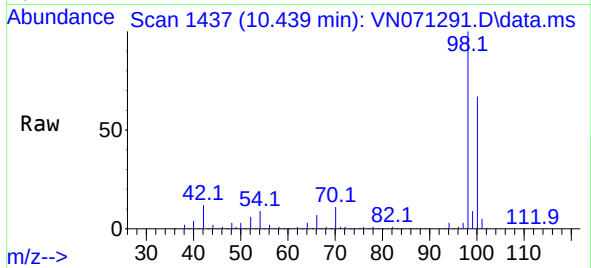




#50
Toluene-d8
Concen: 47.654 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

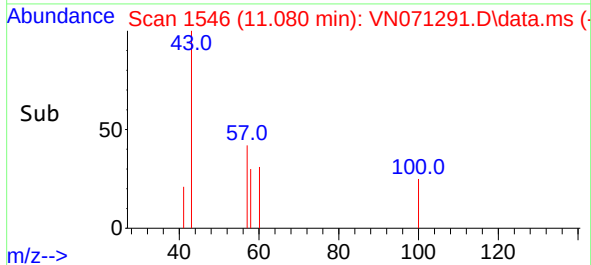
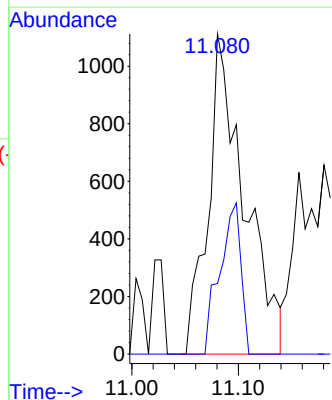
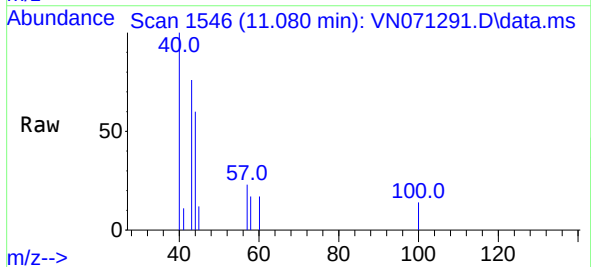
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

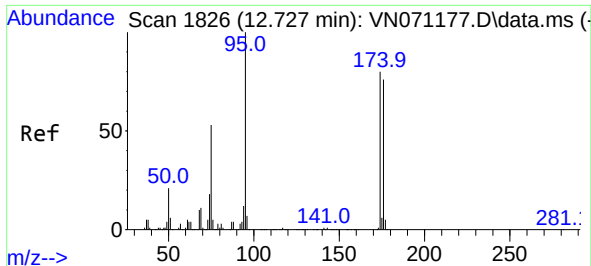
Tgt Ion: 98 Resp: 1590831
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#59
2-Hexanone
Concen: 0.227 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
58 27.6 26.9 80.7

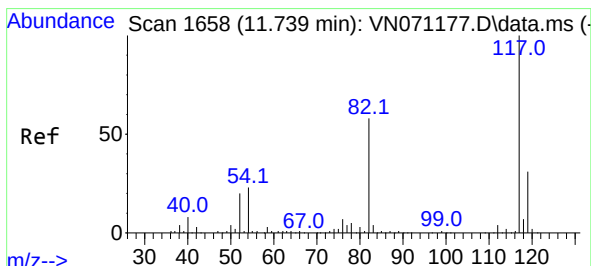
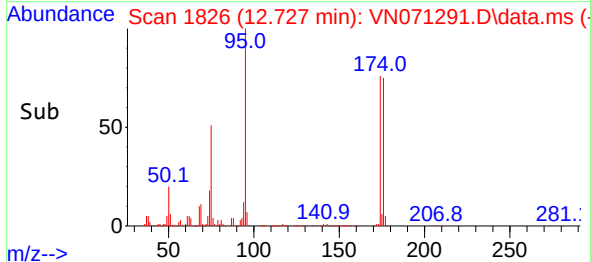
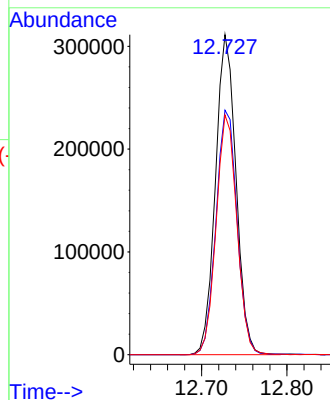
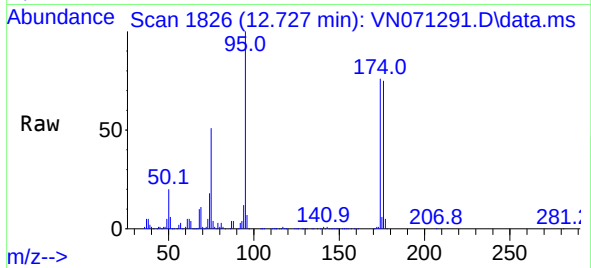




#62
4-Bromofluorobenzene
Concen: 46.082 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

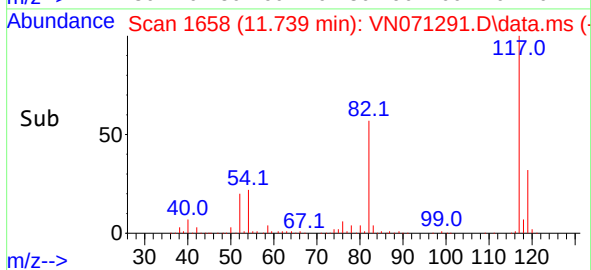
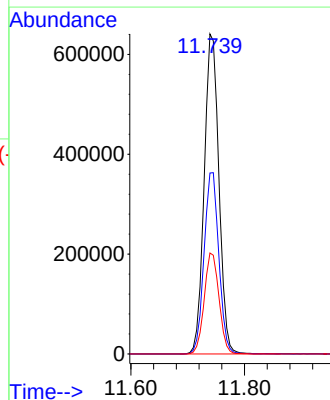
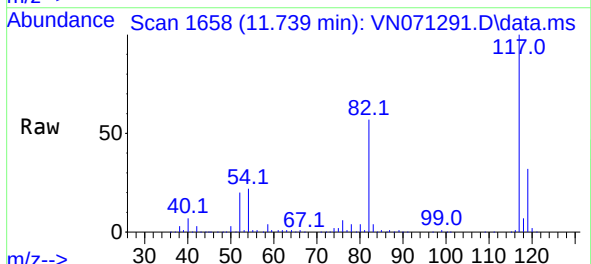
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

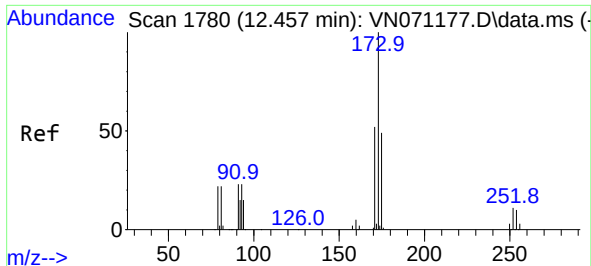
Tgt Ion: 95 Resp: 520927
Ion Ratio Lower Upper
95 100
174 78.6 0.0 187.2
176 75.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 117 Resp: 1149960
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 31.6 25.4 38.2

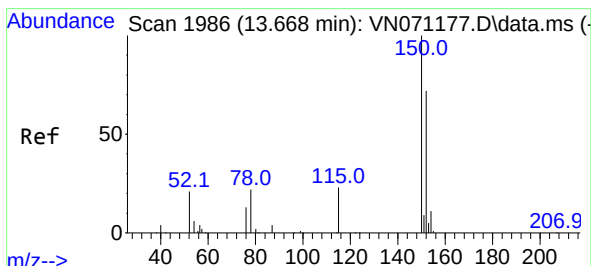
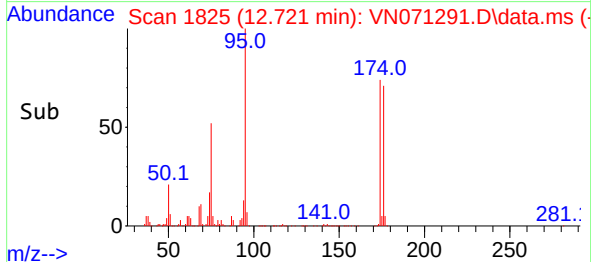
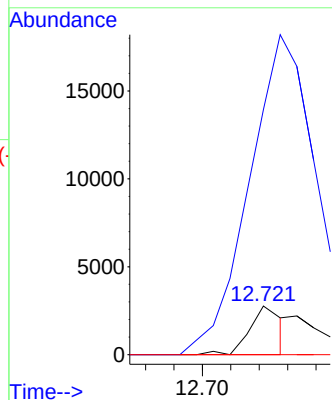
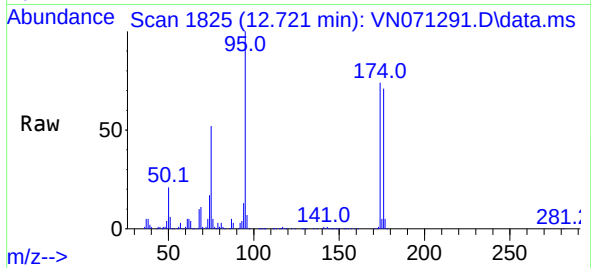




#71
Bromoform
Concen: 0.318 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.264 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

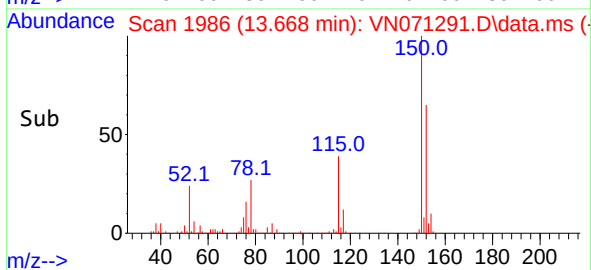
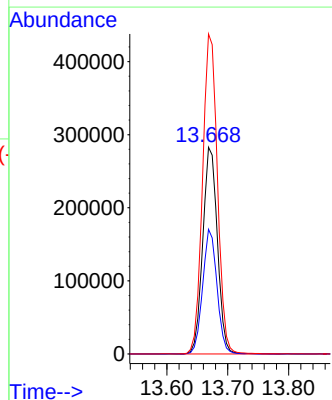
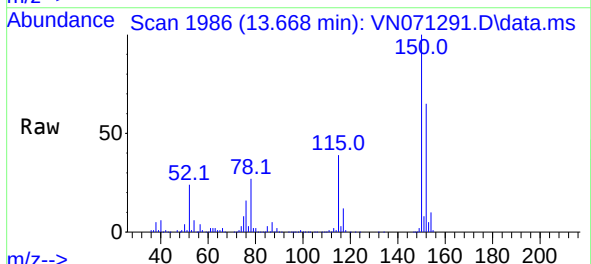
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

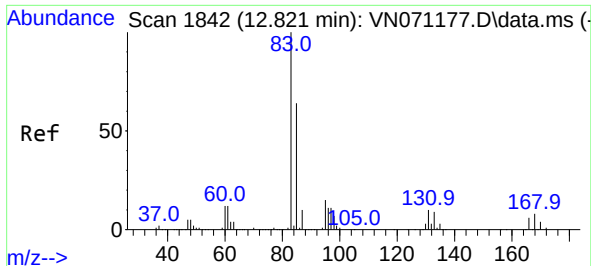
Tgt Ion:173 Resp: 2184
Ion Ratio Lower Upper
173 100
175 1042.6 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion:152 Resp: 471208
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 157.6 0.0 344.4

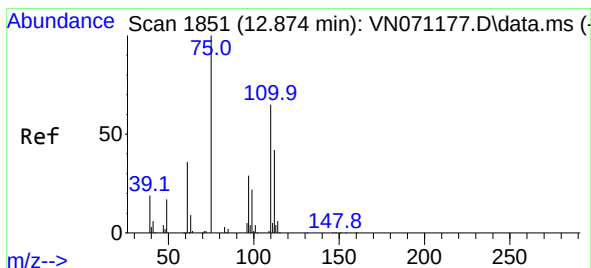
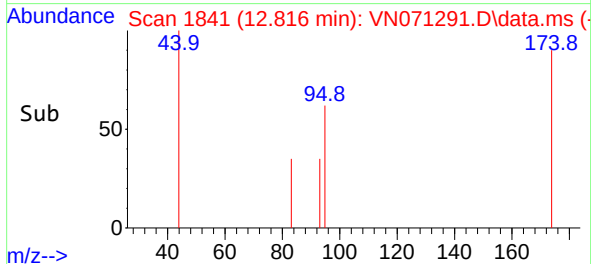
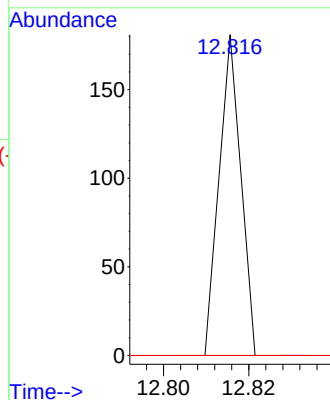
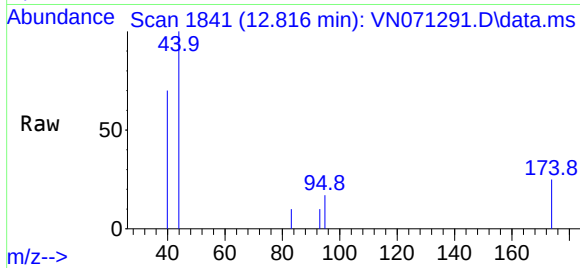




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

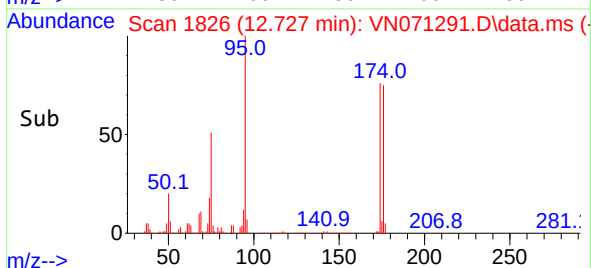
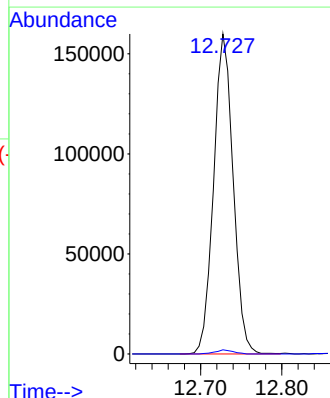
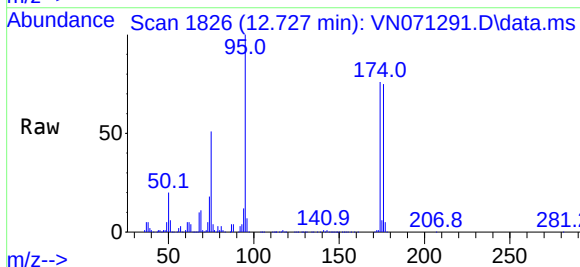
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

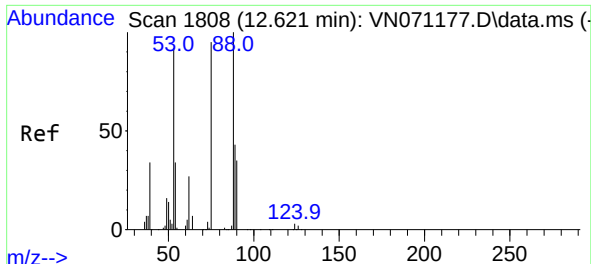
Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 21.820 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion: 75 Resp: 267360
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

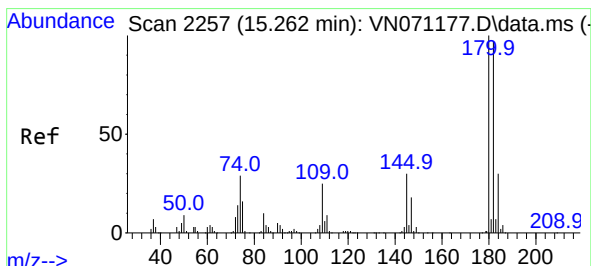
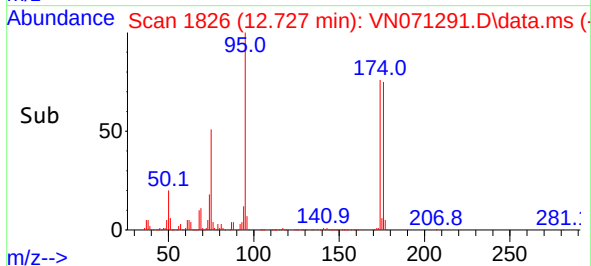
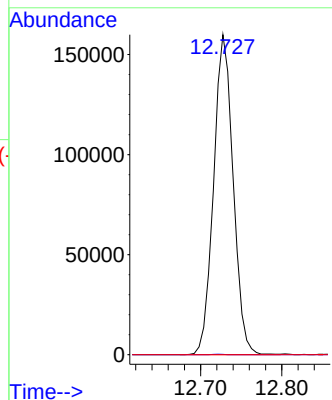
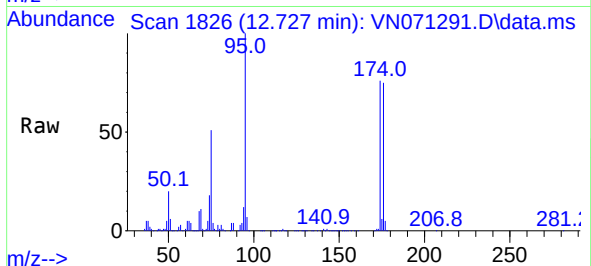




#81
trans-1,4-Dichloro-2-butene
Concen: 61.335 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

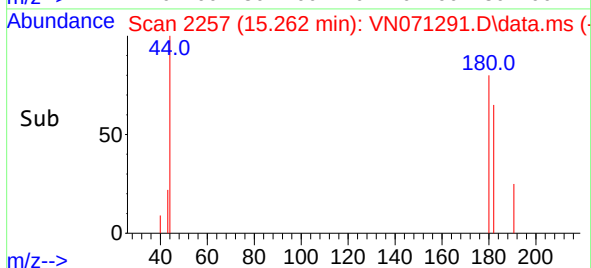
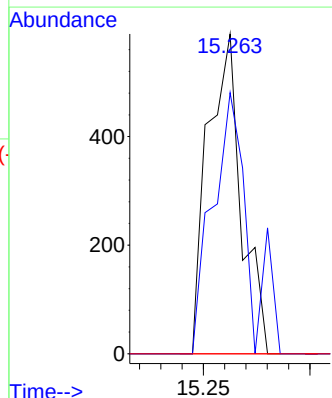
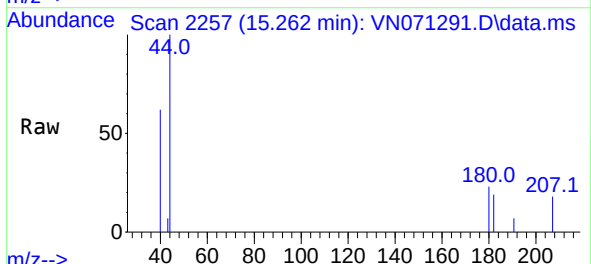
Instrument :
MSVOA_N
ClientSampleId :
DUM-36

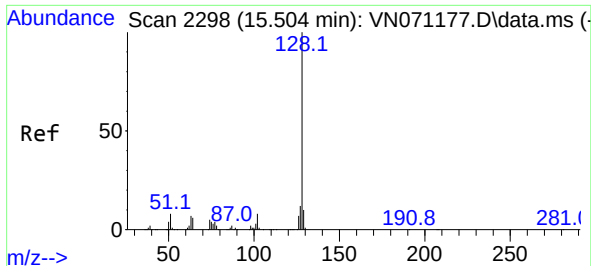
Tgt Ion: 75 Resp: 267360
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.067 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion:180 Resp: 642
Ion Ratio Lower Upper
180 100
182 87.5 48.3 144.9
145 0.0 14.5 43.5#

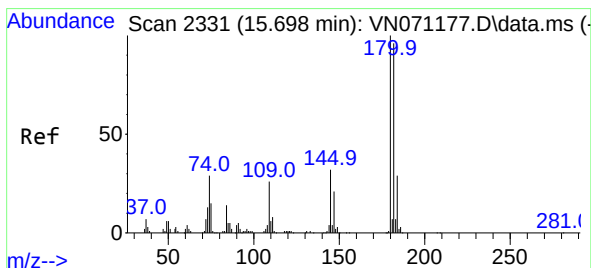
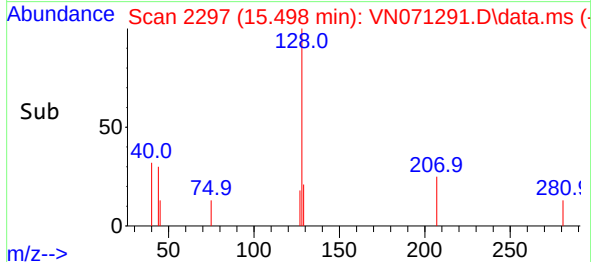
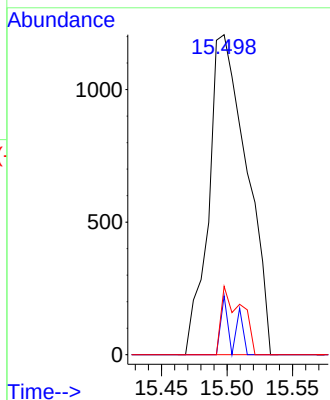
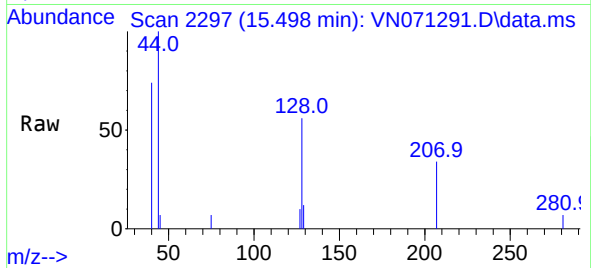




#95
Naphthalene
Concen: 5.169 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
DUM-36

Tgt Ion:128 Resp: 2437
Ion Ratio Lower Upper
128 100
127 5.7 10.5 15.7#
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.835 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071291.D
Acq: 15 Mar 2022 14:52

Tgt Ion:180 Resp: 805
Ion Ratio Lower Upper
180 100
182 66.8 47.4 142.2
145 0.0 15.0 45.1#

