

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071897.D
 Acq On : 07 Apr 2022 12:02
 Operator : JC\MD
 Sample : VN0407WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBL01

Quant Time: Apr 08 01:12:23 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)

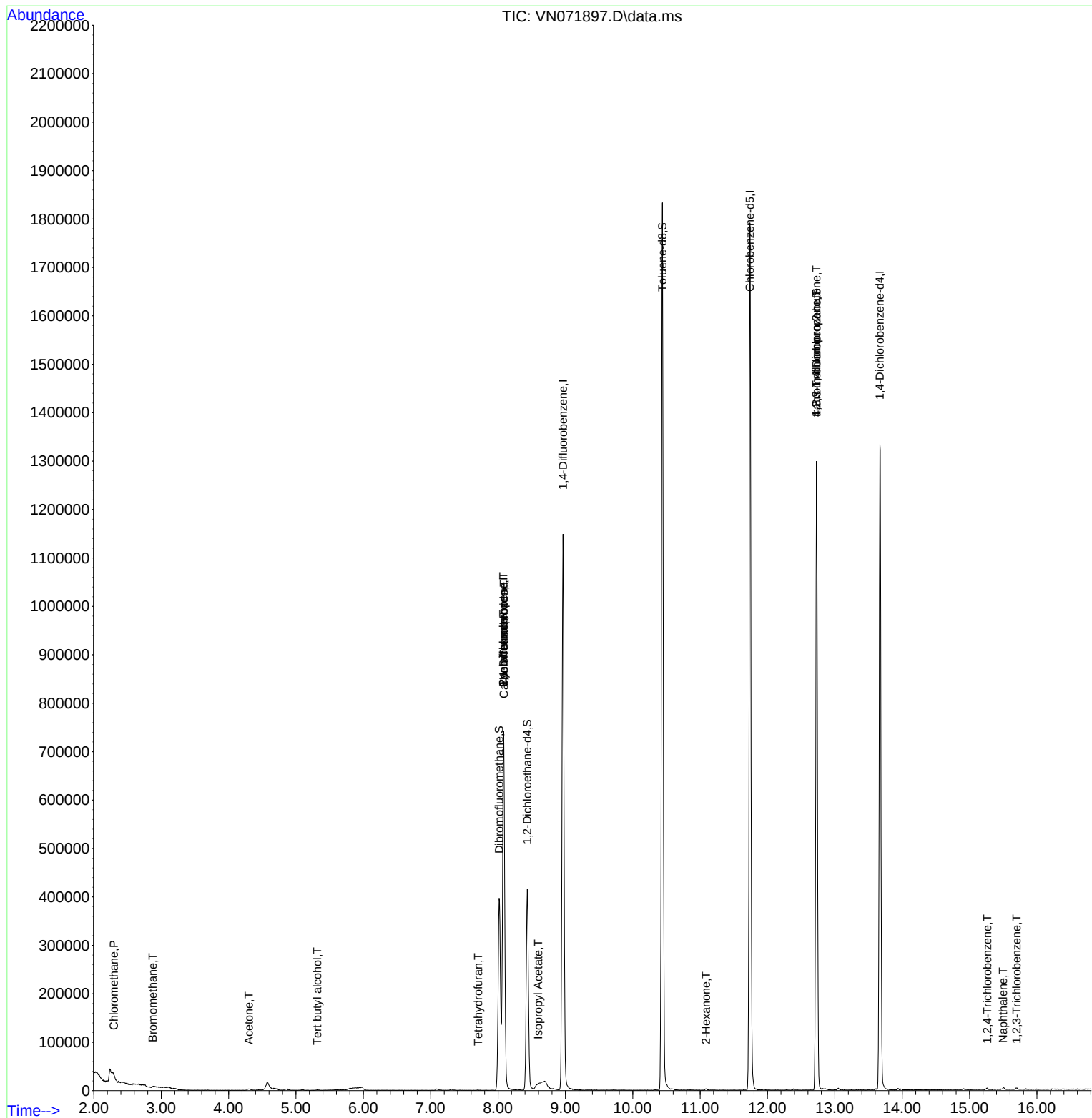
Internal Standards						
1) Pentafluorobenzene	8.081	168	623342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1065996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1115389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	410193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	339456	47.702	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.400%	
35) Dibromofluoromethane	8.016	113	305925	48.770	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.540%	
50) Toluene-d8	10.439	98	1329520	51.812	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	103.620%	
62) 4-Bromofluorobenzene	12.727	95	461442	55.602	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	111.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2623	0.418	ug/l #	88
5) Bromomethane	2.875	94	1538	0.343	ug/l #	43
11) Tert butyl alcohol	5.316	59	834	0.722	ug/l #	72
16) Acetone	4.298	43	2861	0.941	ug/l #	74
18) Methyl Acetate	4.863	43	5750	Below Cal		96
29) Tetrahydrofuran	7.704	42	588	0.207	ug/l #	46
31) Cyclohexane	8.081	56	9522	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41244	4.708	ug/l #	48
38) Carbon Tetrachloride	8.086	117	55279	6.439	ug/l #	17
43) Isopropyl Acetate	8.598	43	14465	0.907	ug/l #	53
59) 2-Hexanone	11.086	43	2619	0.406	ug/l	83
76) 1,2,3-Trichloropropane	12.727	75	218319	22.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	218319	71.199	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	1604	2.321	ug/l #	89
95) Naphthalene	15.498	128	4966	4.049	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.698	180	1840	2.691	ug/l #	80

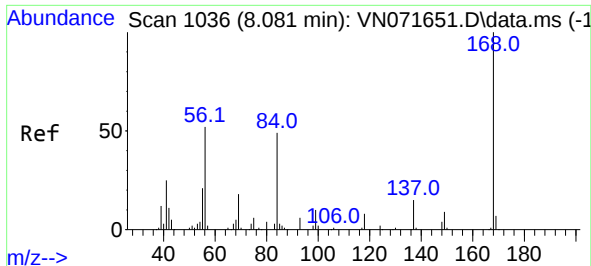
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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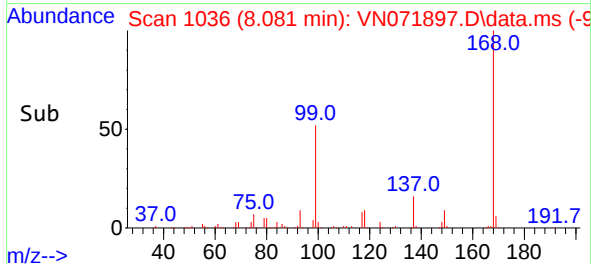
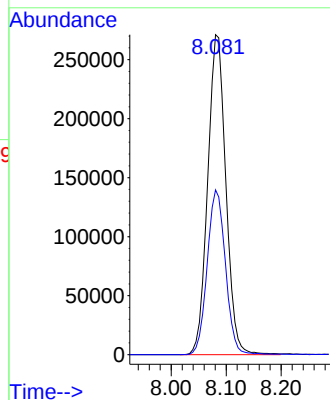
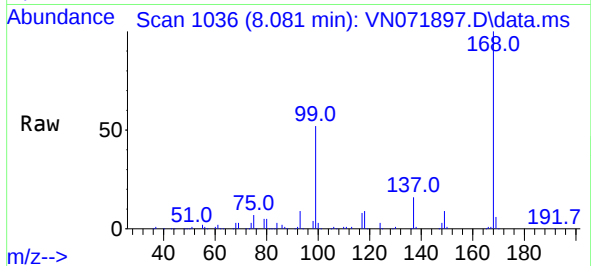




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

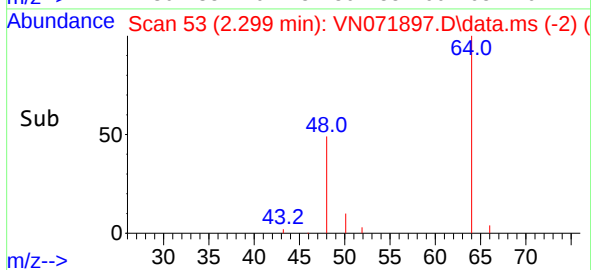
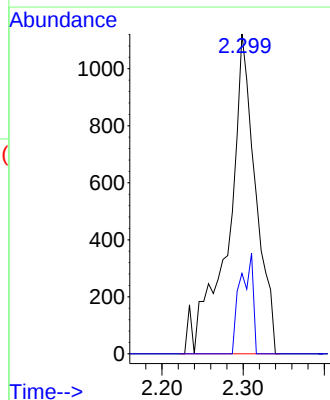
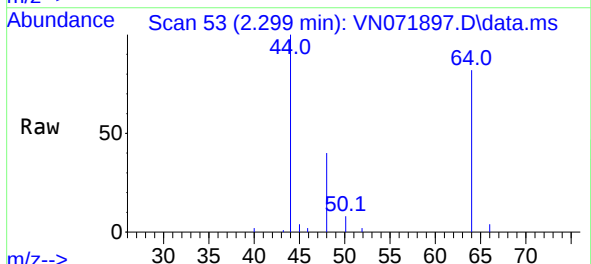
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

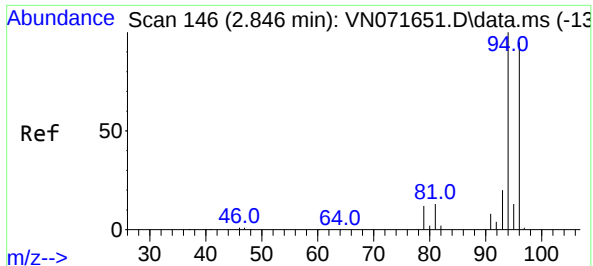
Tgt Ion:168 Resp: 623342
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#3
Chloromethane
Concen: 0.418 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 50 Resp: 2623
Ion Ratio Lower Upper
50 100
52 25.1 25.7 38.5#

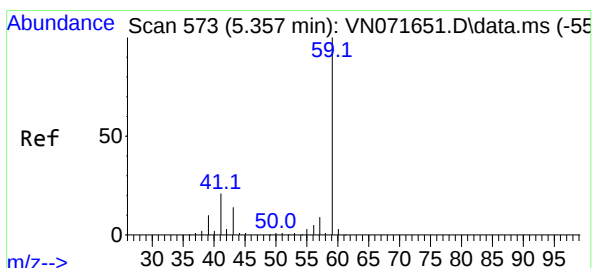
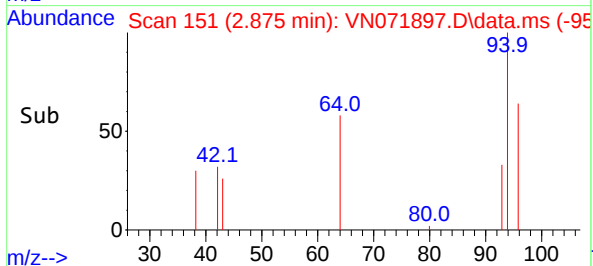
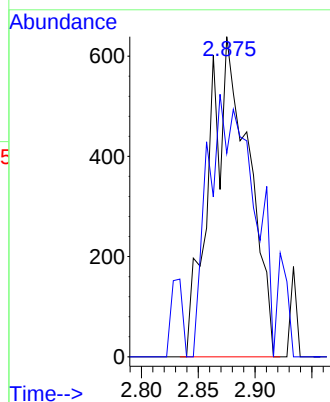
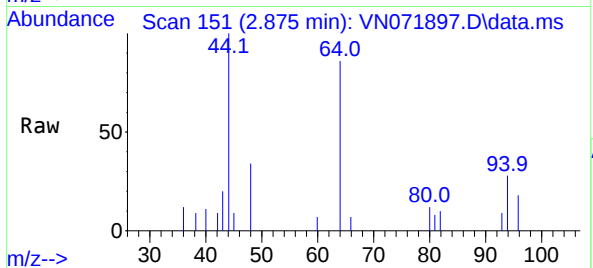




#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

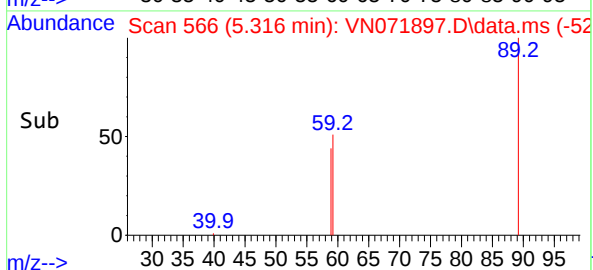
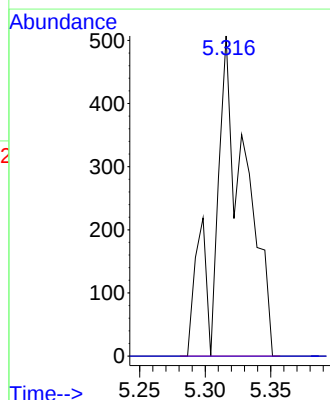
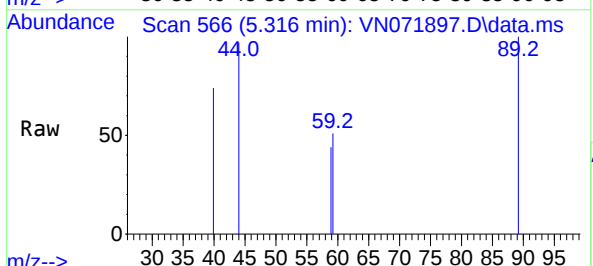
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

Tgt Ion: 94 Resp: 1538
Ion Ratio Lower Upper
94 100
96 39.3 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.722 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.041 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

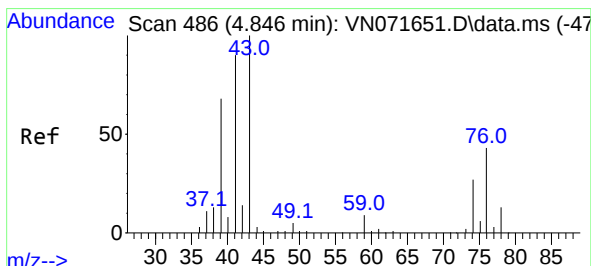
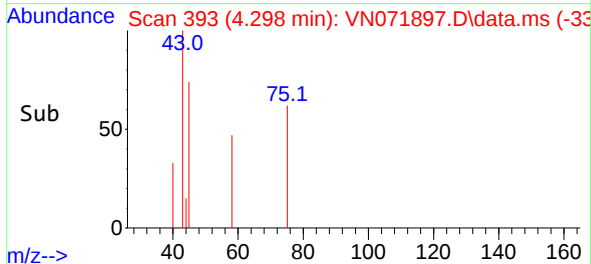
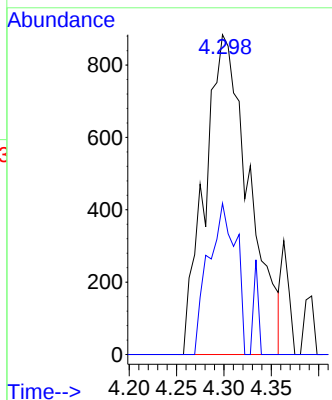
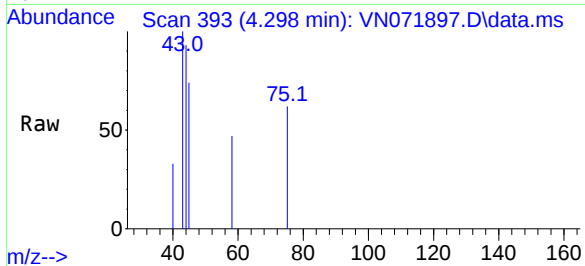




#16
Acetone
Concen: 0.941 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

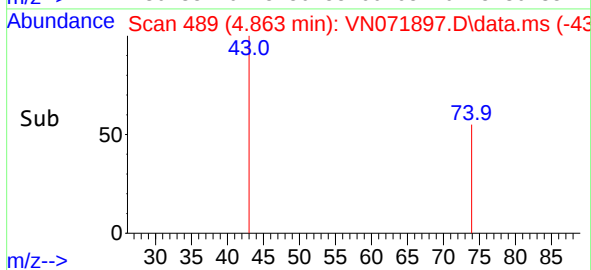
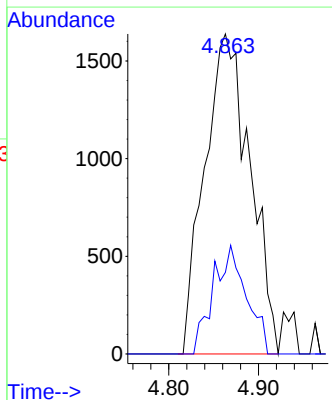
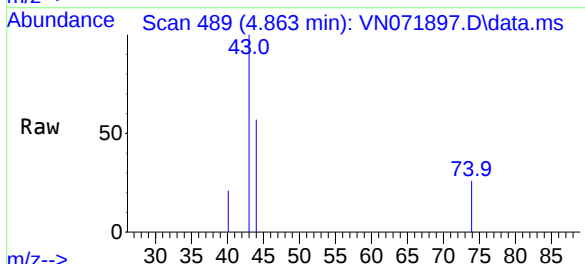
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

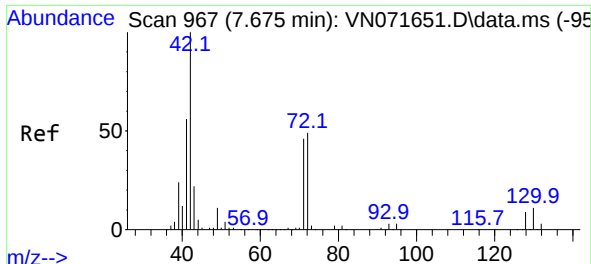
Tgt Ion: 43 Resp: 2861
Ion Ratio Lower Upper
43 100
58 47.3 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 43 Resp: 5750
Ion Ratio Lower Upper
43 100
74 24.9 21.6 32.4

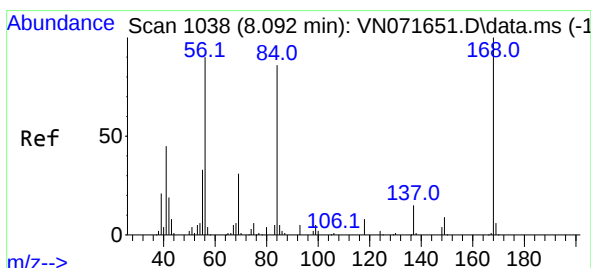
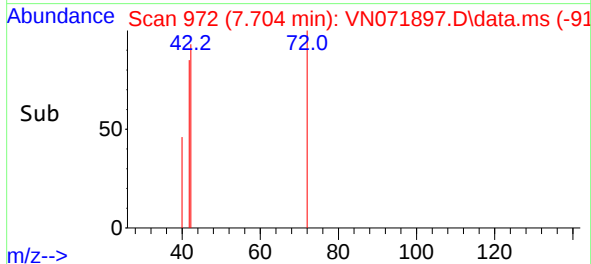
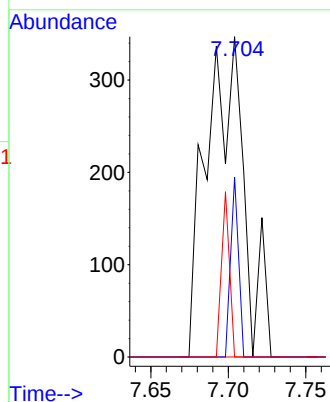
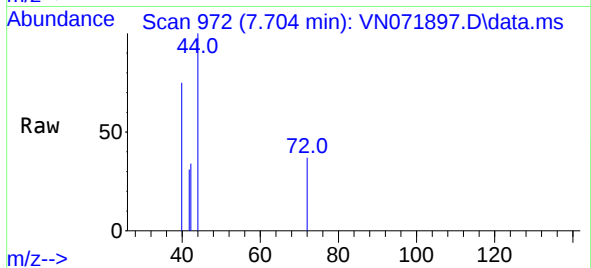




#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.029 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

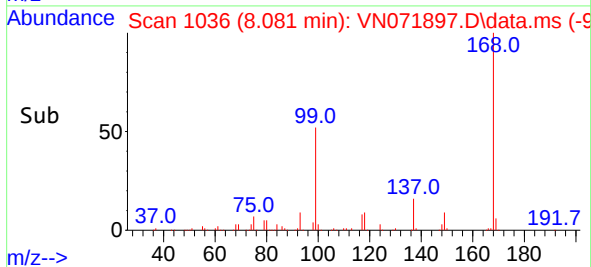
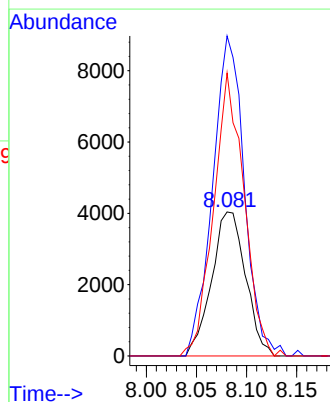
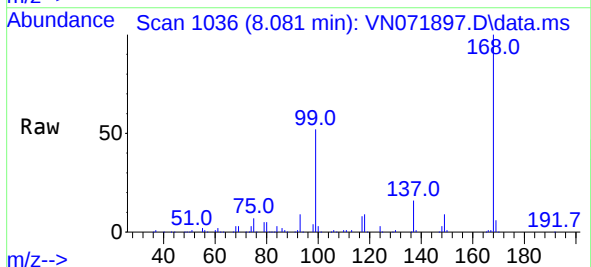
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

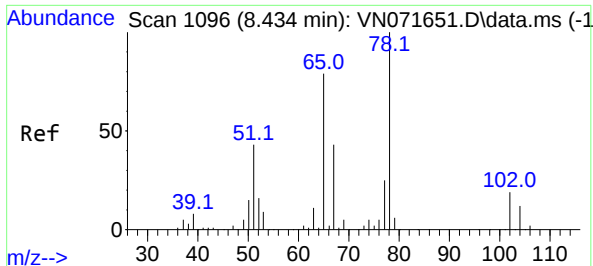
Tgt Ion:	42	Resp:	588
Ion	Ratio	Lower	Upper
42	100		
72	11.7	39.7	59.5#
71	10.7	36.6	55.0#



#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion:	56	Resp:	9522
Ion	Ratio	Lower	Upper
56	100		
69	222.3	27.8	41.8#
84	196.5	76.9	115.3#

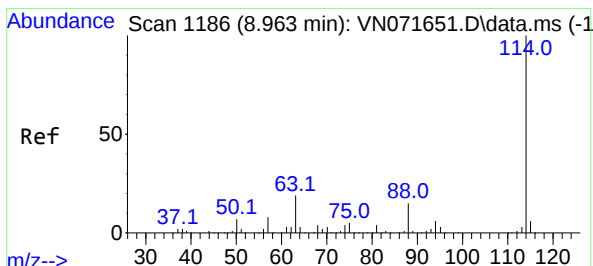
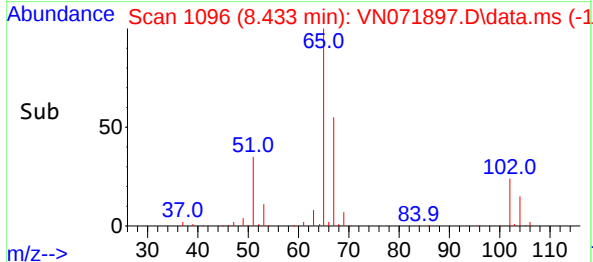
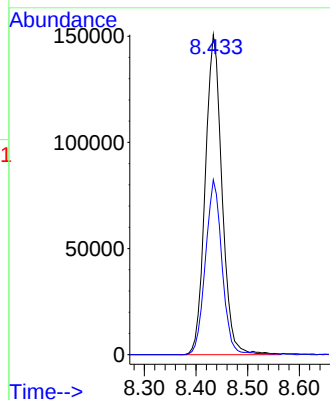
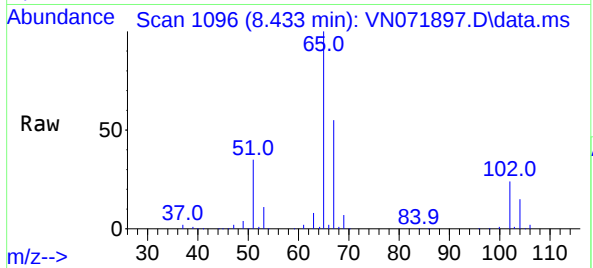




#33
1,2-Dichloroethane-d4
Concen: 47.702 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

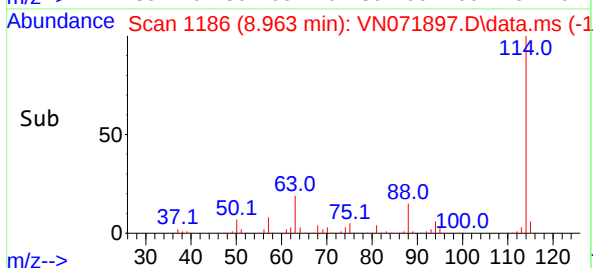
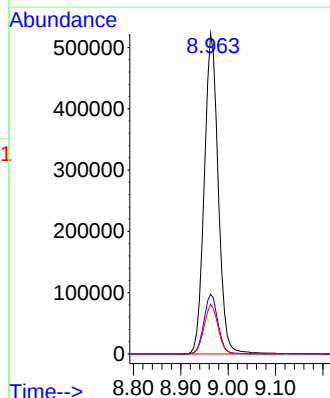
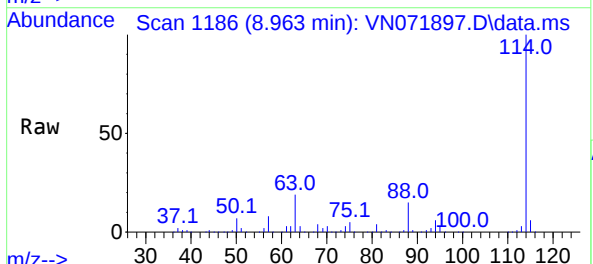
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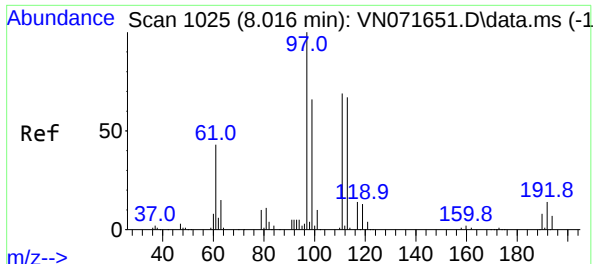
Tgt Ion: 65 Resp: 339456
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 114 Resp: 1065996
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.5 0.0 32.6

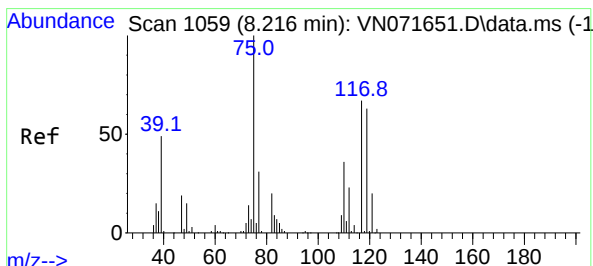
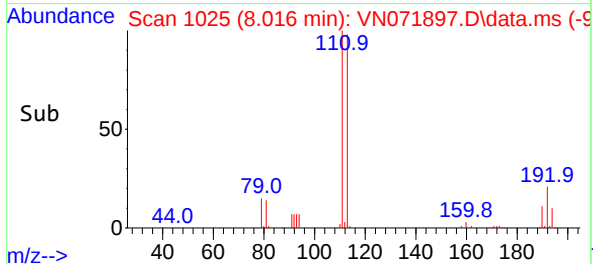
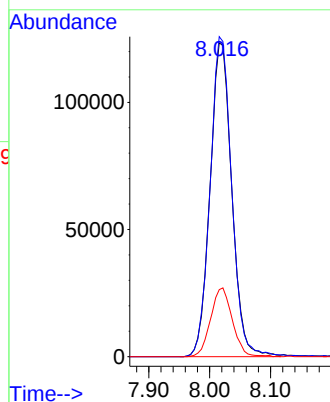
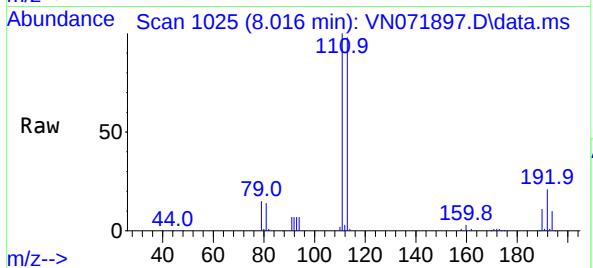




#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

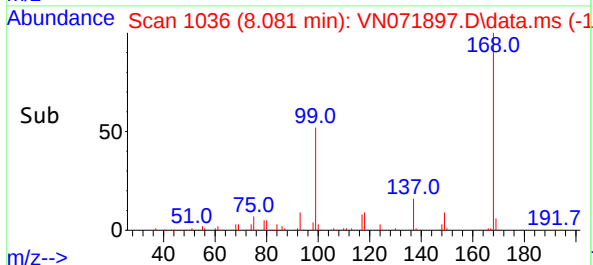
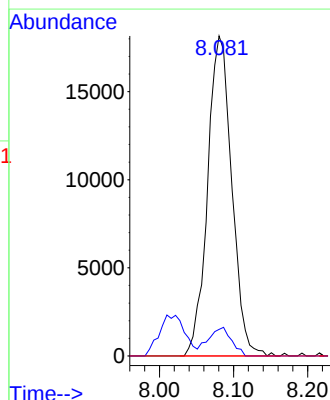
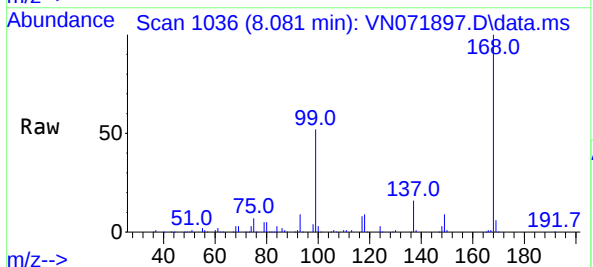
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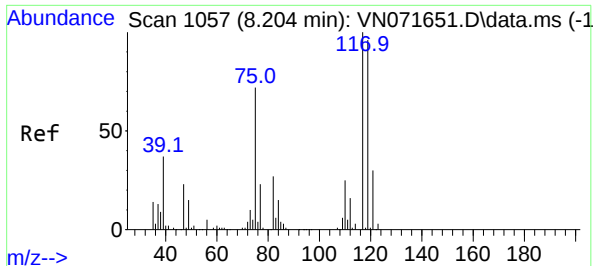
Tgt Ion:113 Resp: 305925
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 75 Resp: 41244
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#

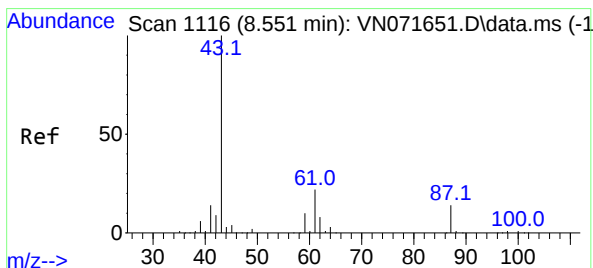
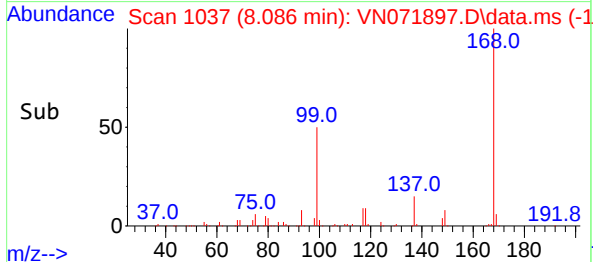
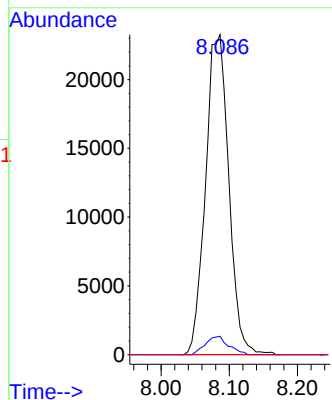
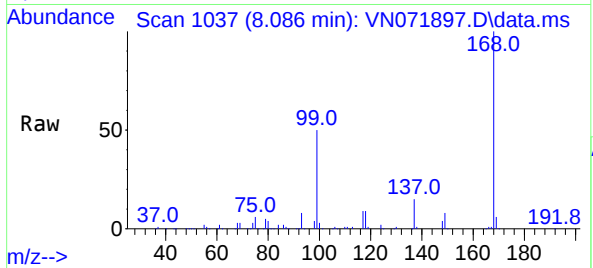




#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 8.086 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

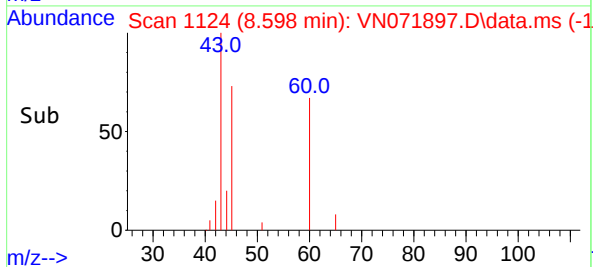
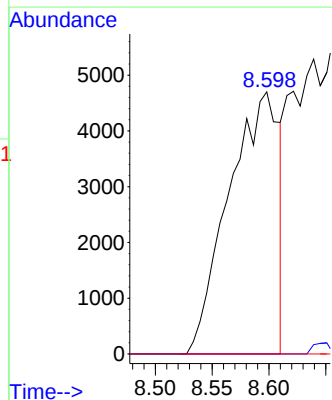
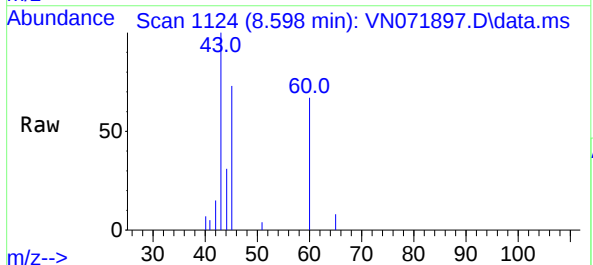
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

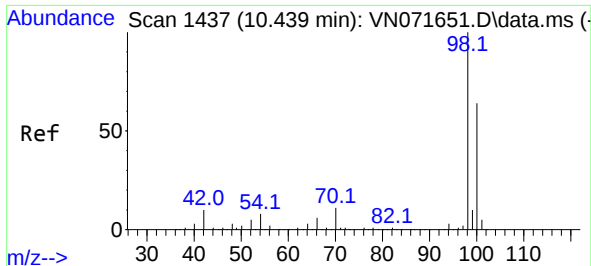
Tgt Ion:117 Resp: 55279
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.907 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 43 Resp: 14465
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

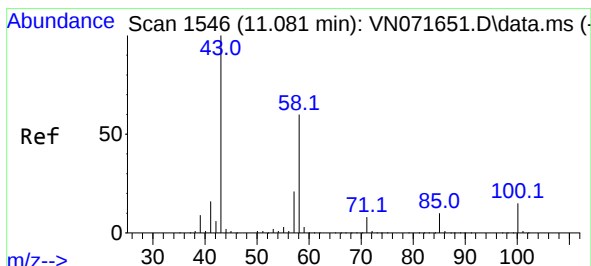
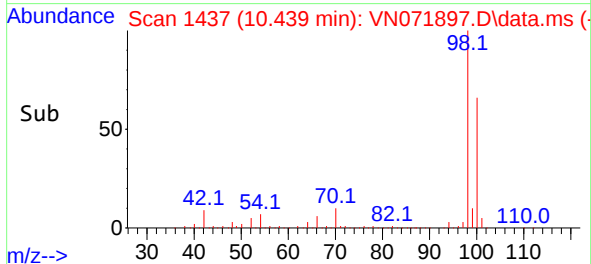
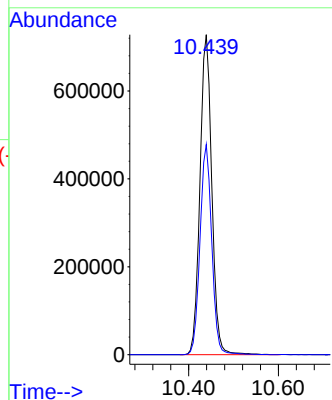
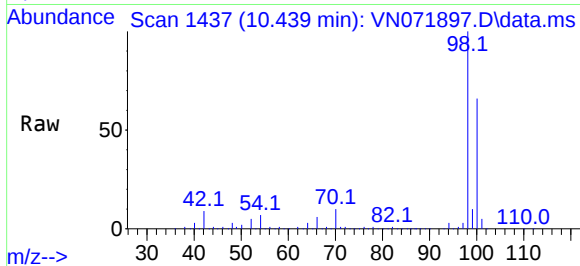




#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

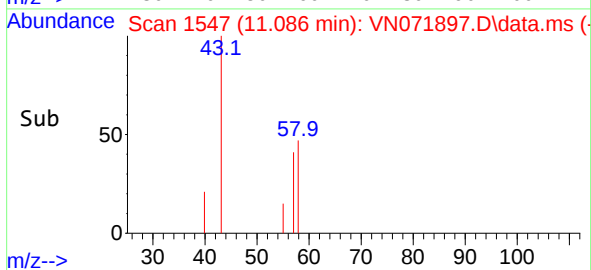
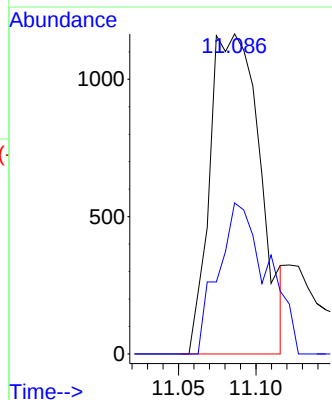
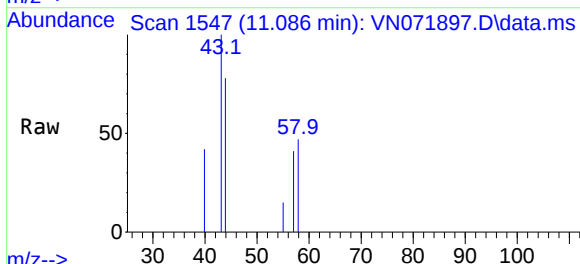
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

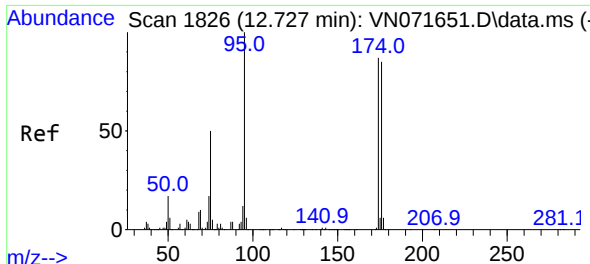
Tgt Ion: 98 Resp: 1329520
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#59
2-Hexanone
Concen: 0.406 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 46.2 29.7 89.1

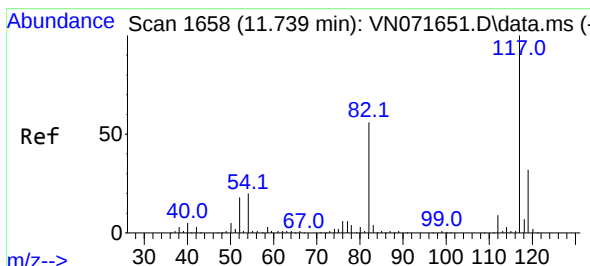
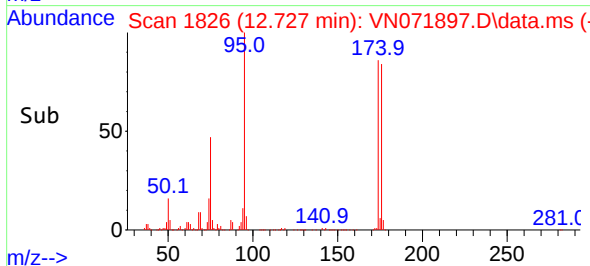
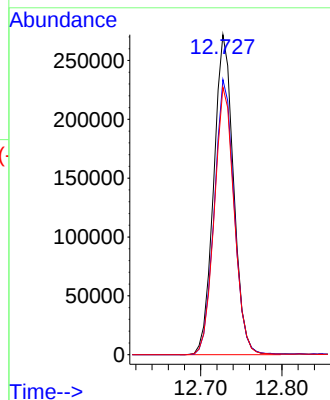
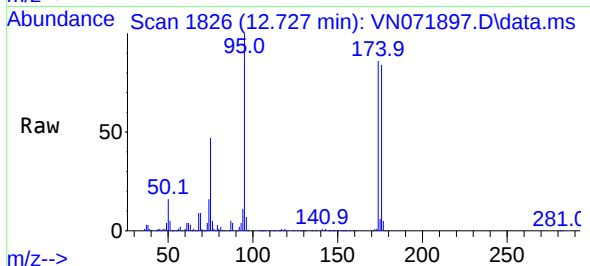




#62
4-Bromofluorobenzene
Concen: 55.602 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

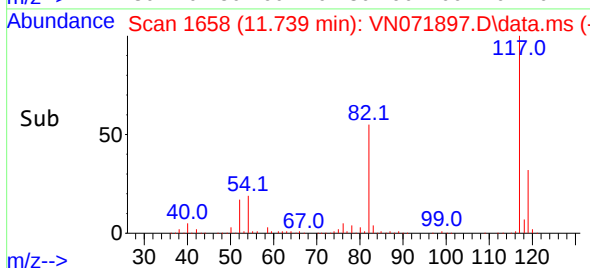
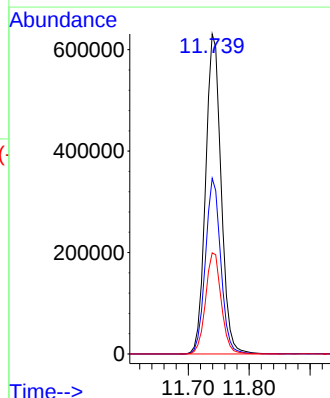
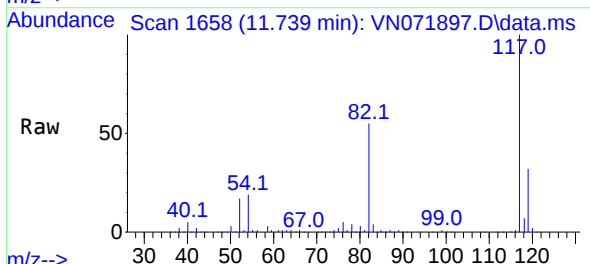
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

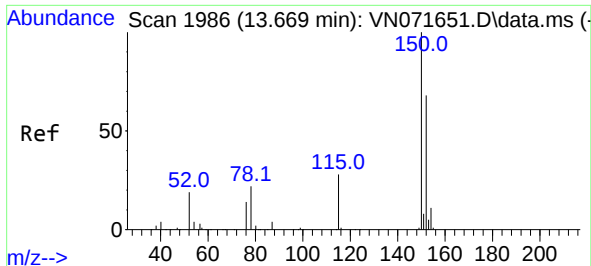
Tgt Ion: 95 Resp: 461442
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 83.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

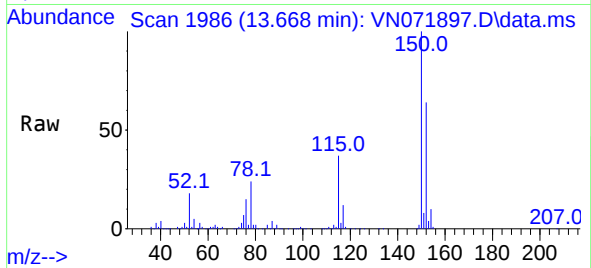
Tgt Ion: 117 Resp: 1115389
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.6 25.4 38.0



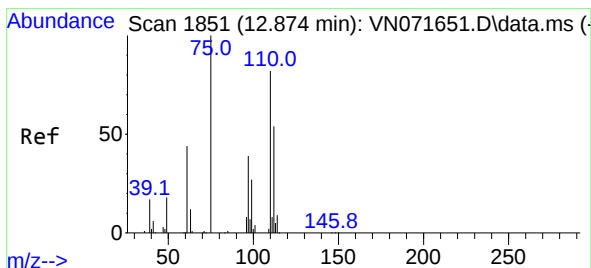
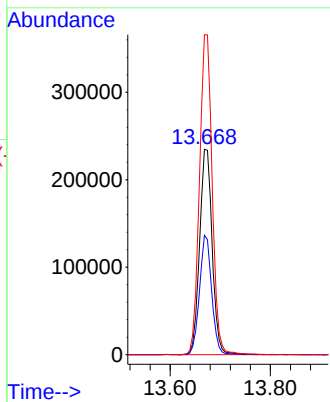
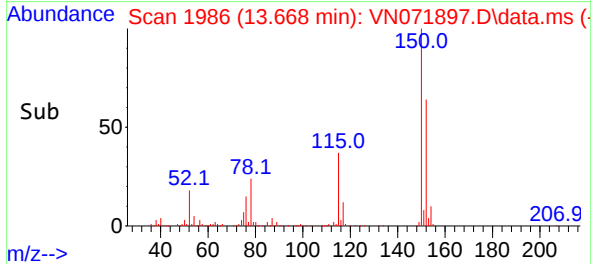


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

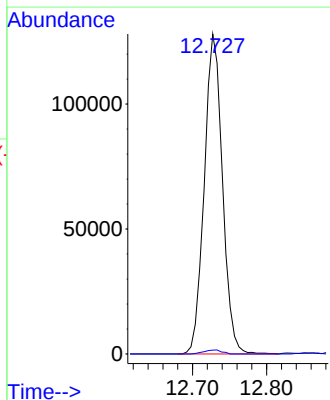
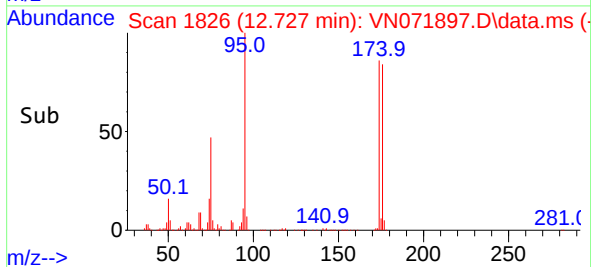
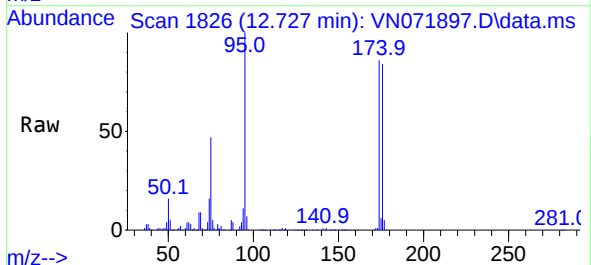


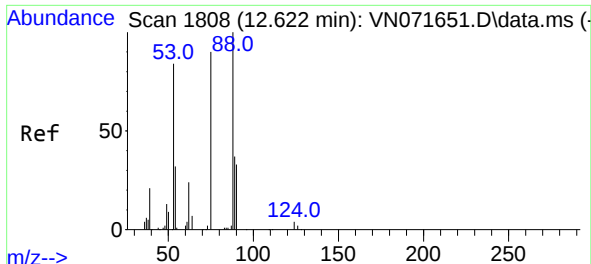
Tgt Ion:152 Resp: 410193
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.6 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.975 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion: 75 Resp: 218319
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

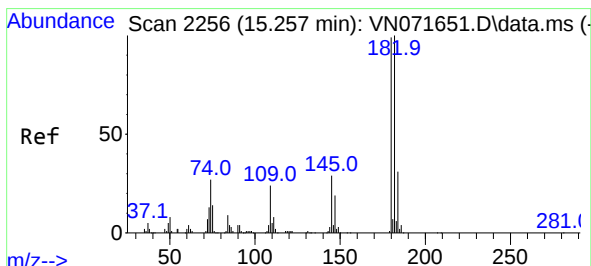
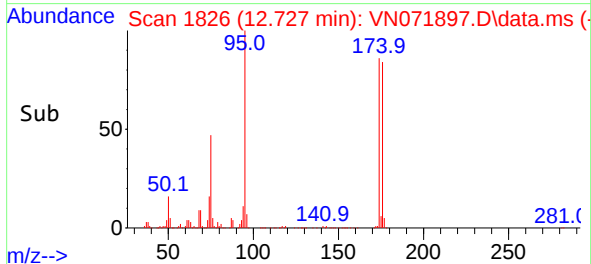
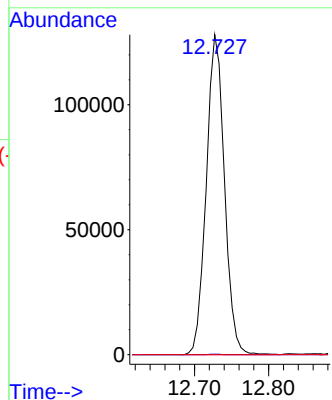
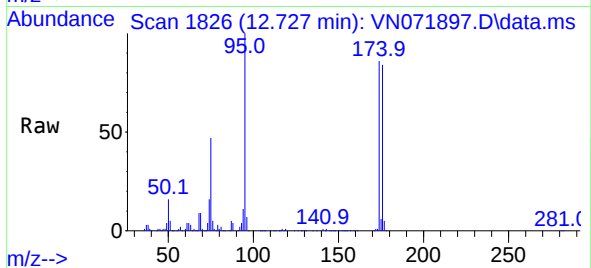




#81
trans-1,4-Dichloro-2-butene
Concen: 71.199 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

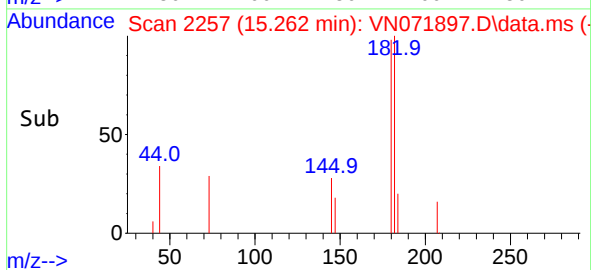
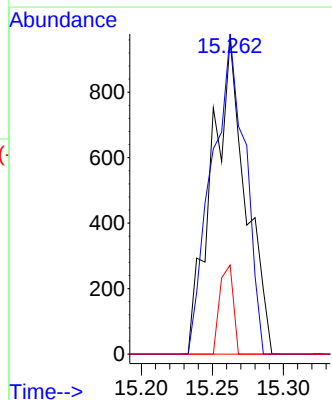
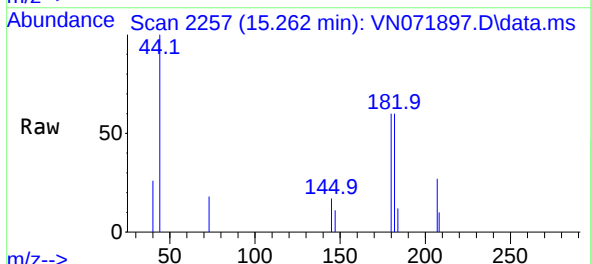
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

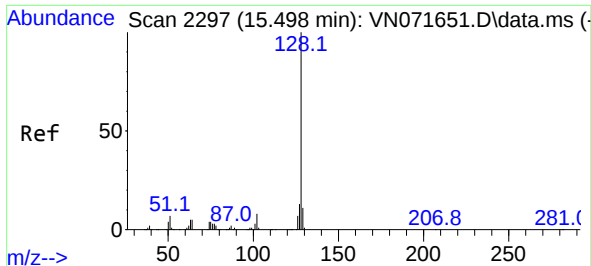
Tgt Ion: 75 Resp: 218319
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.321 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion:180 Resp: 1604
Ion Ratio Lower Upper
180 100
182 99.1 47.5 142.5
145 11.1 14.5 43.5#

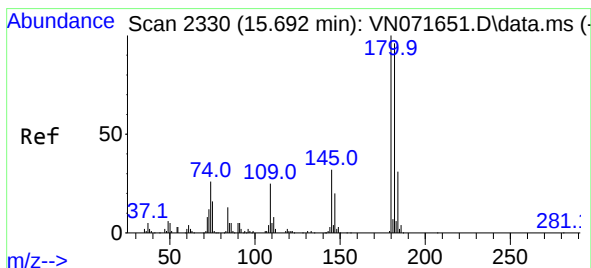
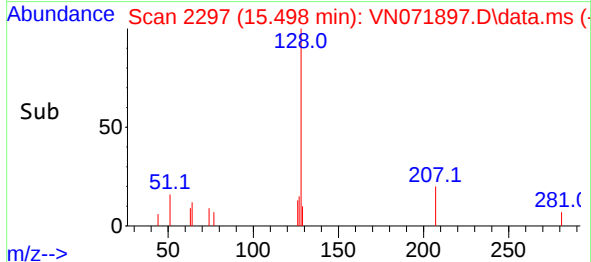
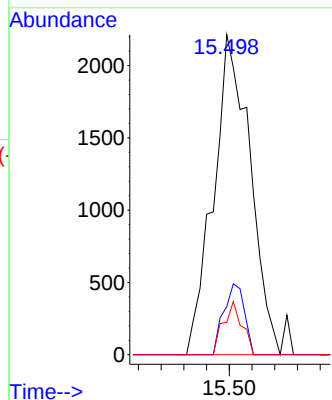
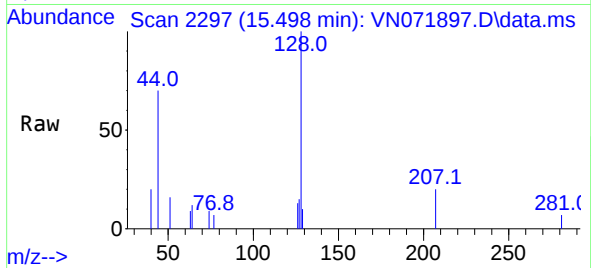




#95
Naphthalene
Concen: 4.049 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBL01

Tgt Ion:128 Resp: 4966
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 8.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.691 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071897.D
Acq: 07 Apr 2022 12:02

Tgt Ion:180 Resp: 1840
Ion Ratio Lower Upper
180 100
182 79.2 47.8 143.3
145 13.6 15.5 46.5#

