

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073120.D
 Acq On : 25 Jun 2022 19:10
 Operator : JC\MD
 Sample : N3434-03 40X
 Misc : 5.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2204-27.5

Quant Time: Jun 27 03:46:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

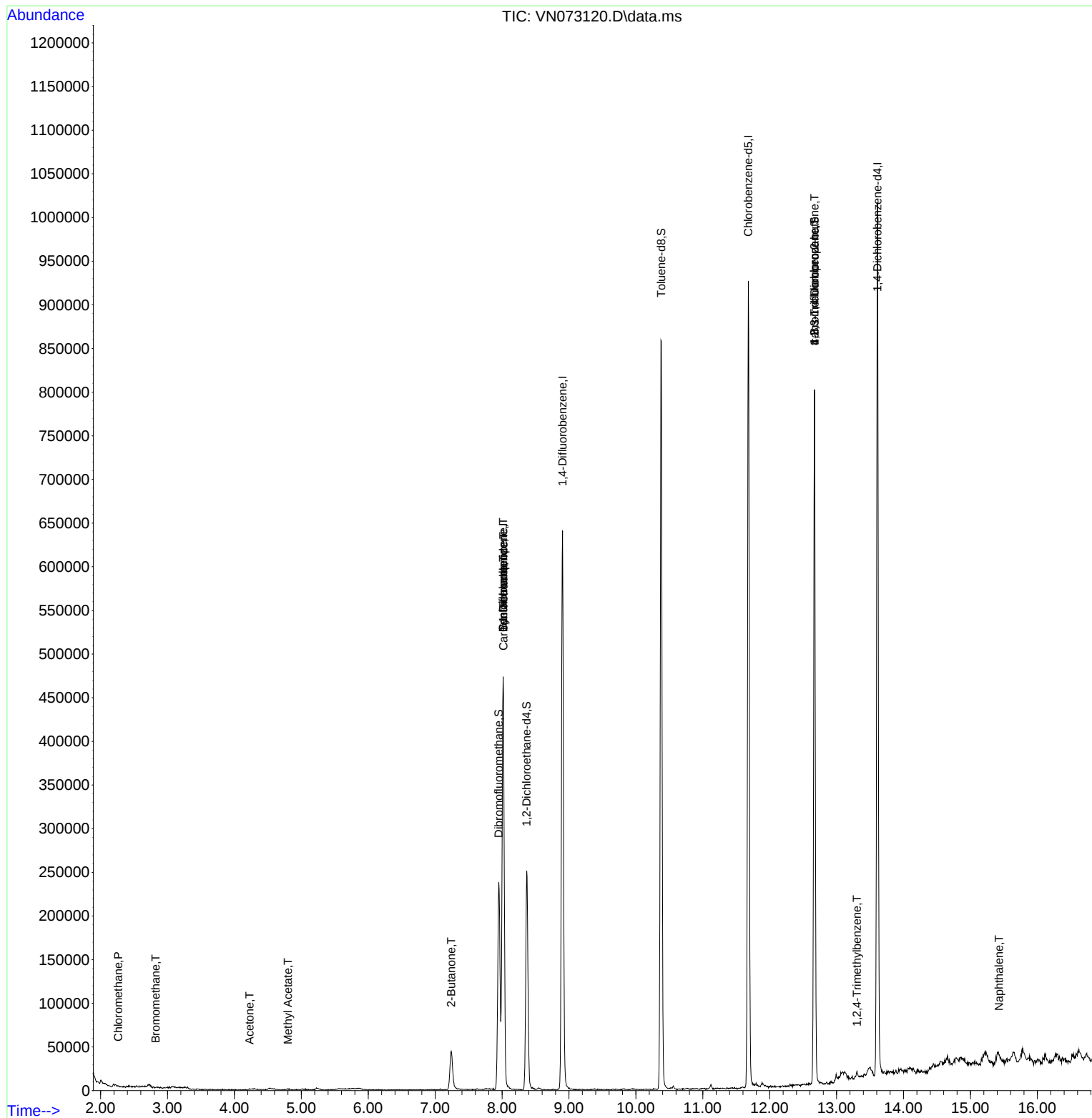
Internal Standards						
1) Pentafluorobenzene	8.016	168	365221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	568026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	537577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	273064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213488	43.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.480%
35) Dibromofluoromethane	7.951	113	176179	50.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.380	98	601327	46.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.668	95	272870	58.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	593	0.726	ug/l #	43
5) Bromomethane	2.822	94	268	0.218	ug/l	90
16) Acetone	4.228	43	545	0.201	ug/l	90
18) Methyl Acetate	4.798	43	2307	0.319	ug/l #	57
20) Methylene Chloride	5.016	84	381	Below Cal	#	73
25) 2-Butanone	7.239	43	2987	0.694	ug/l #	79
26) 2,2-Dichloropropane	7.245	77	3060	Below Cal	#	53
31) Cyclohexane	8.016	56	7837	1.173	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	27604	5.811	ug/l #	49
38) Carbon Tetrachloride	8.022	117	36994	7.403	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	136407	20.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	136407	55.644	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.304	105	4412	0.255	ug/l	86
95) Naphthalene	15.427	128	4432	0.210	ug/l #	80

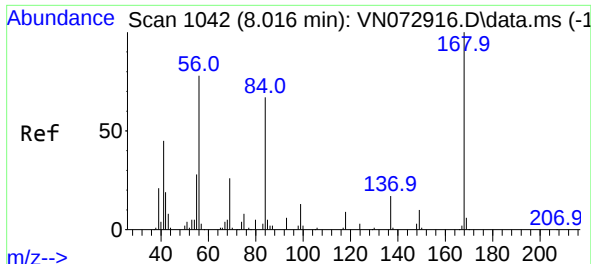
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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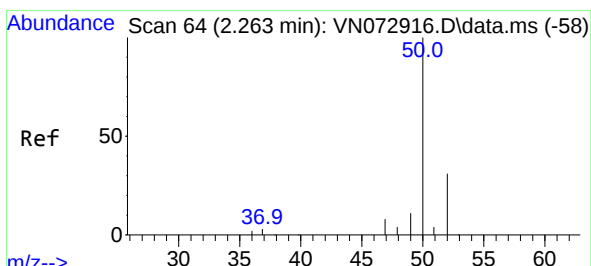
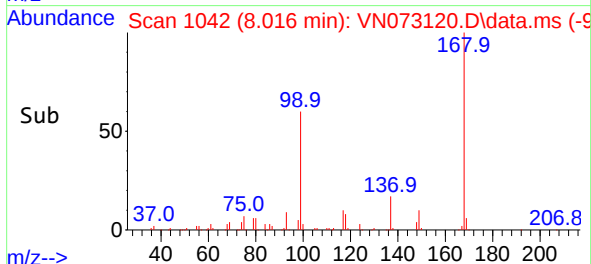
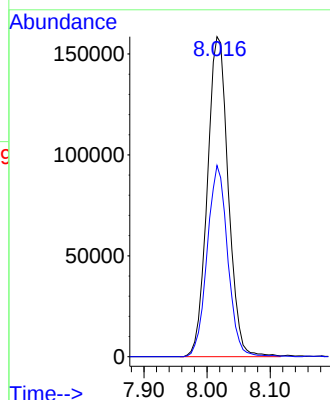
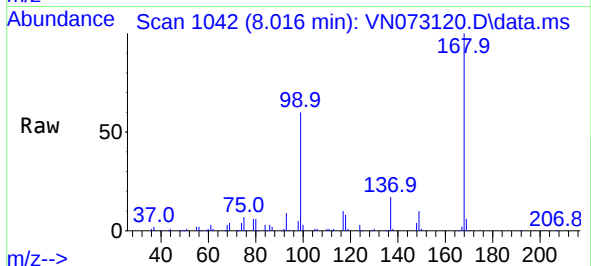




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

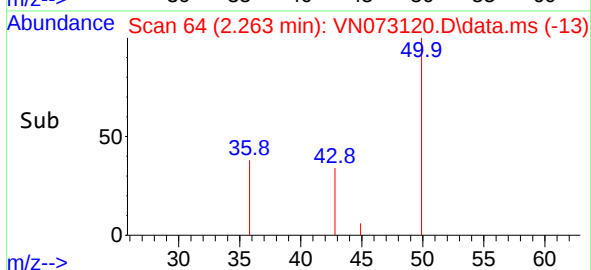
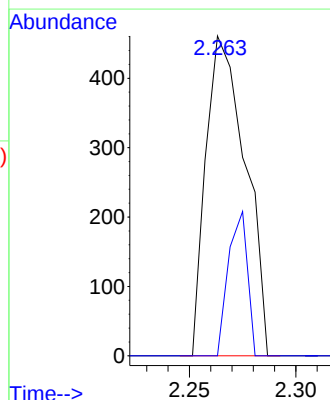
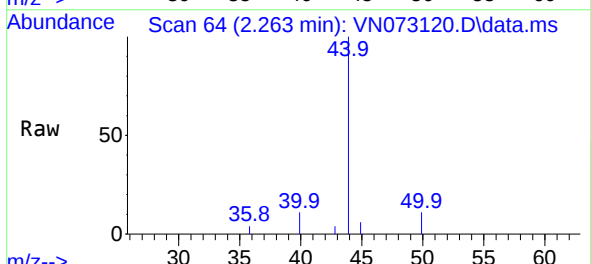
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

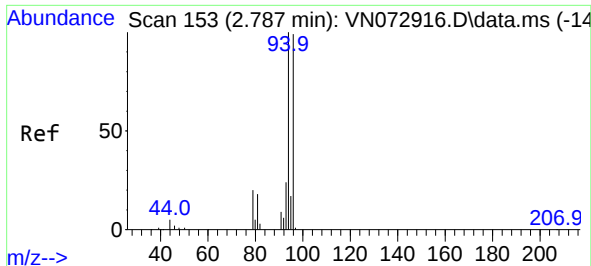
Tgt Ion:168 Resp: 365221
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.726 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion: 50 Resp: 593
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

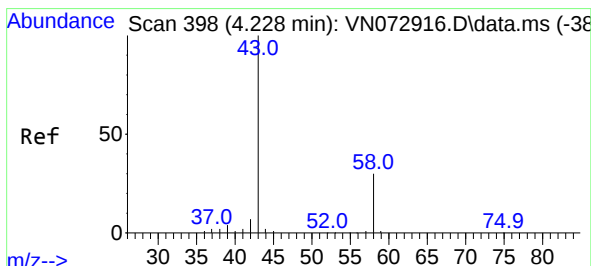
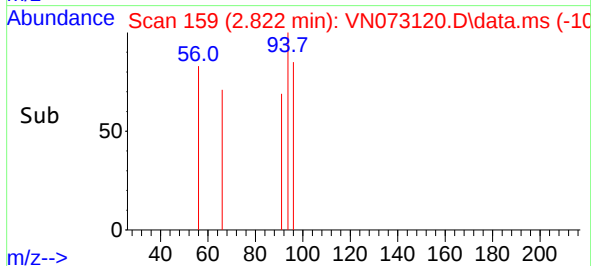
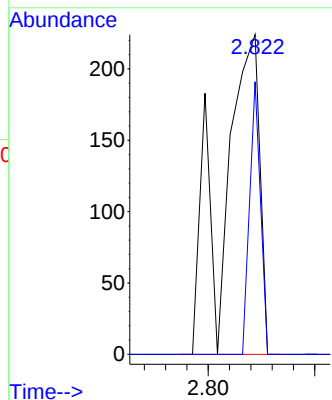
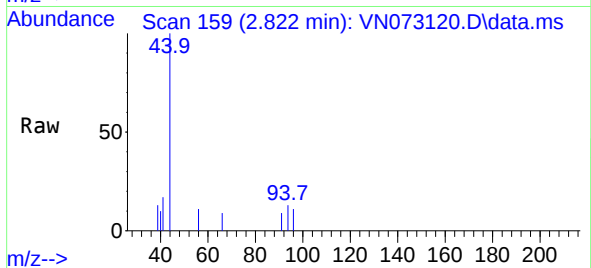




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

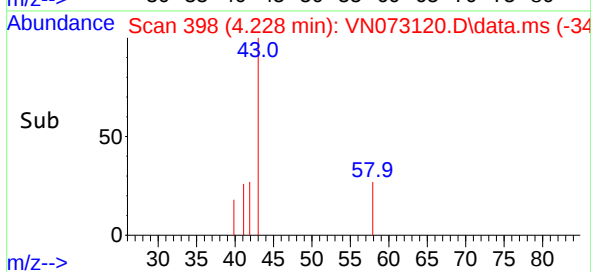
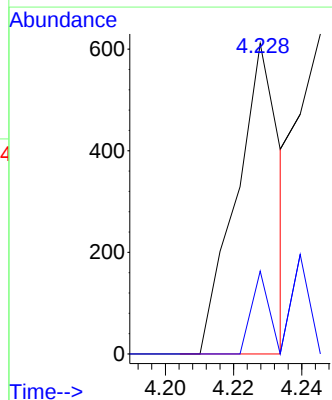
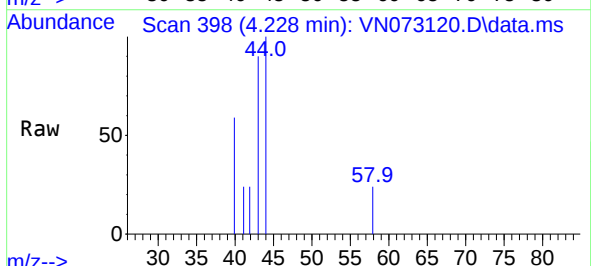
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

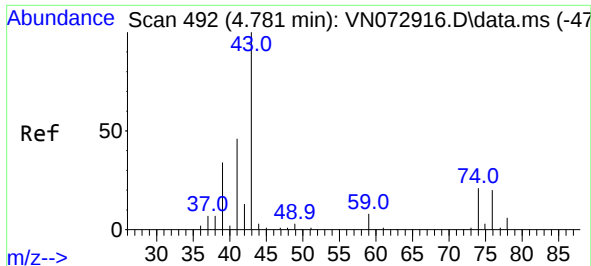
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 85.3 76.0 114.0



#16
Acetone
Concen: 0.201 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0





#18

Methyl Acetate

Concen: 0.319 ug/l

RT: 4.798 min Scan# 49

Delta R.T. 0.018 min

Lab File: VN073120.D

Acq: 25 Jun 2022 19:10

Instrument :

MSVOA_N

ClientSampleId :

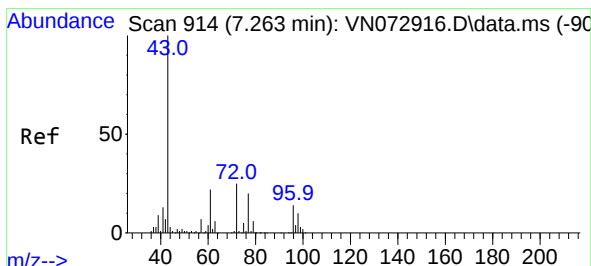
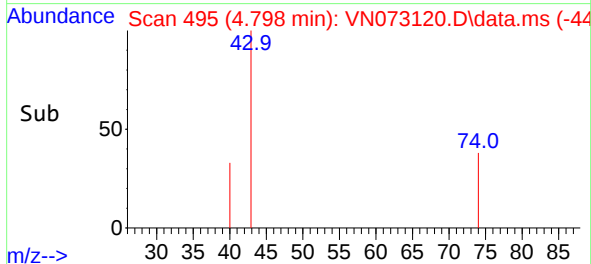
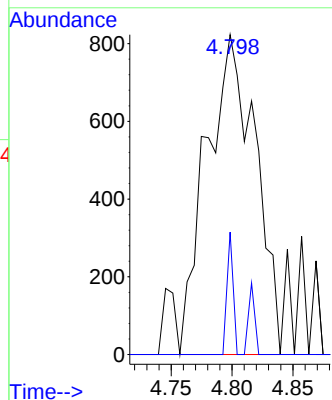
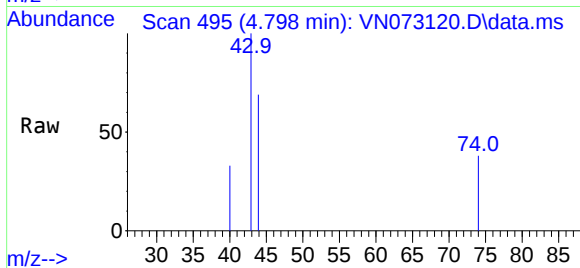
B2204-27.5

Tgt Ion: 43 Resp: 2307

Ion Ratio Lower Upper

43 100

74 4.8 21.6 32.4#



#25

2-Butanone

Concen: 0.694 ug/l

RT: 7.239 min Scan# 910

Delta R.T. -0.024 min

Lab File: VN073120.D

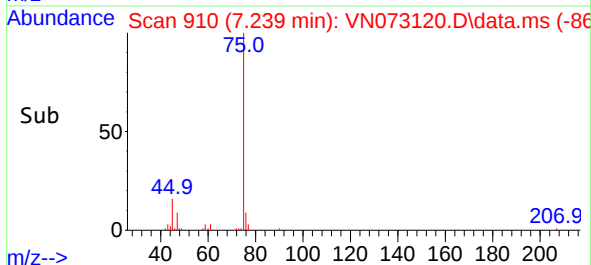
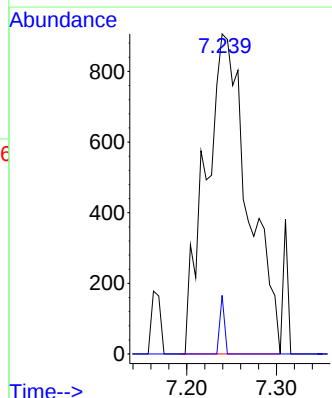
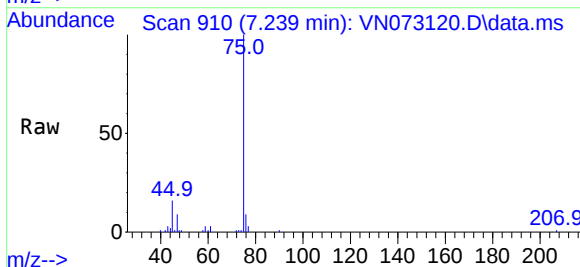
Acq: 25 Jun 2022 19:10

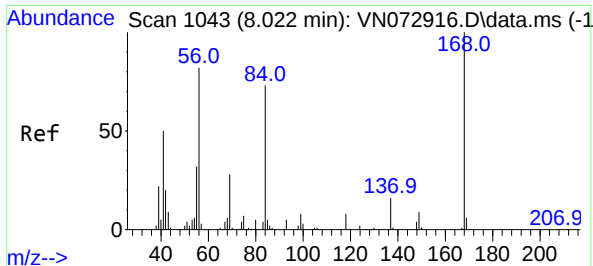
Tgt Ion: 43 Resp: 2987

Ion Ratio Lower Upper

43 100

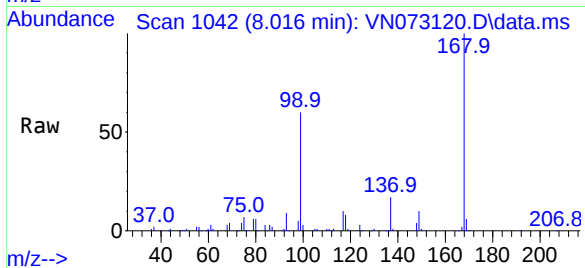
72 18.3 23.7 35.5#



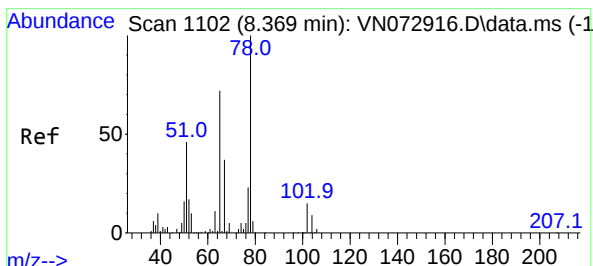
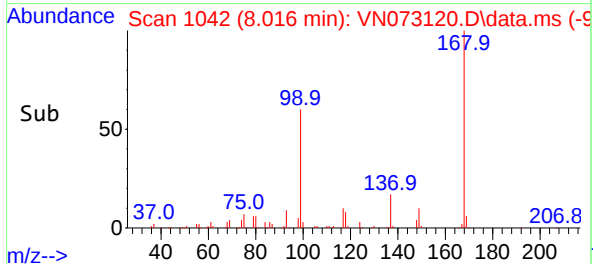
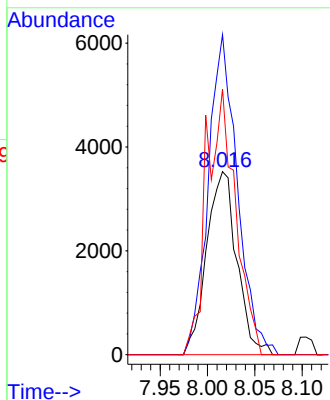


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

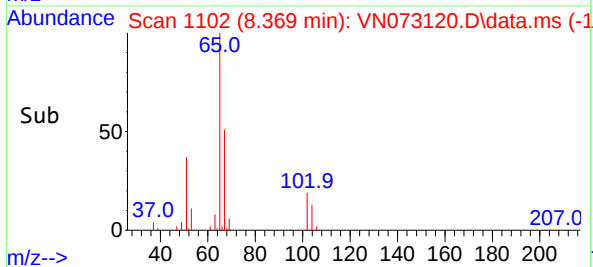
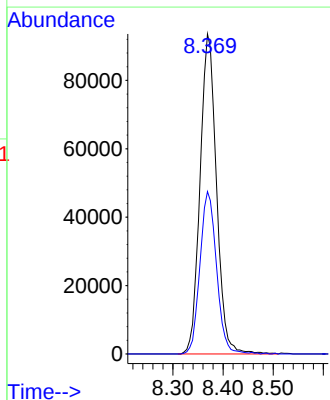
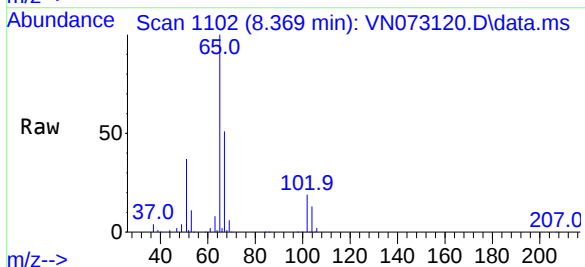


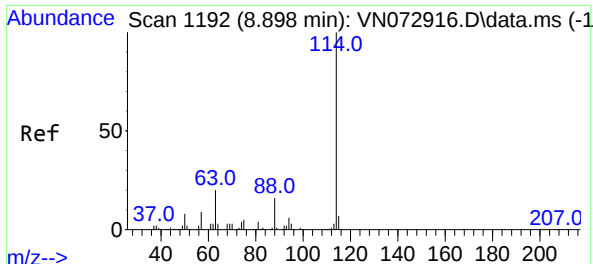
Tgt Ion: 56 Resp: 7837
Ion Ratio Lower Upper
56 100
69 174.9 27.8 41.8#
84 145.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.236 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion: 65 Resp: 213488
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

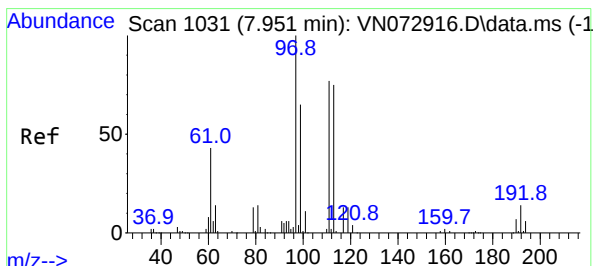
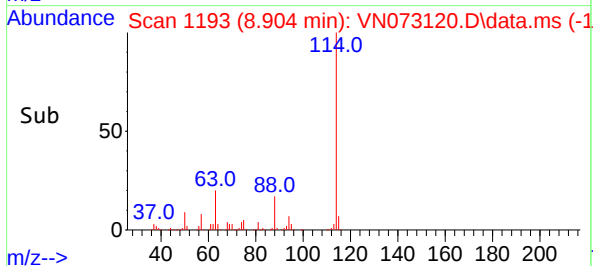
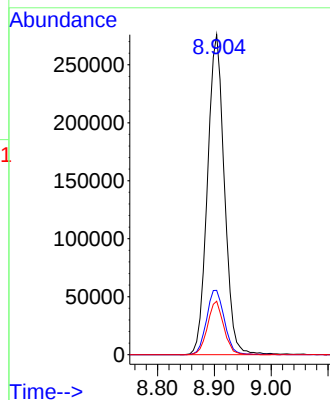
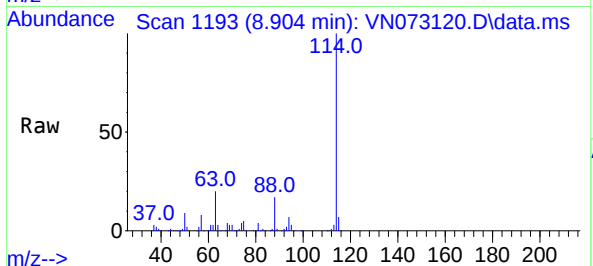




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

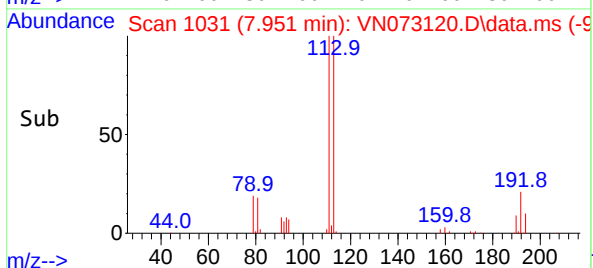
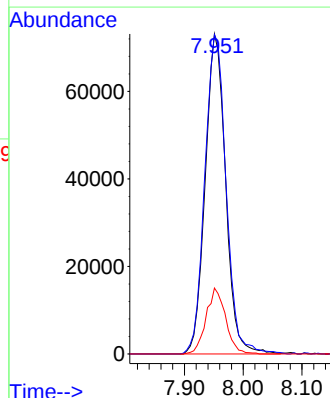
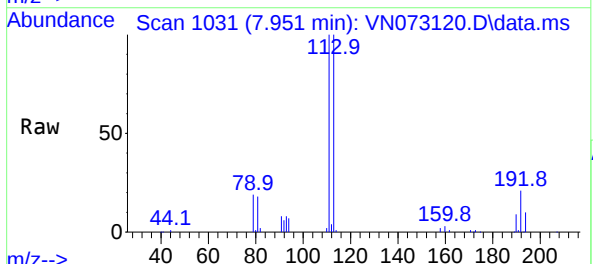
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

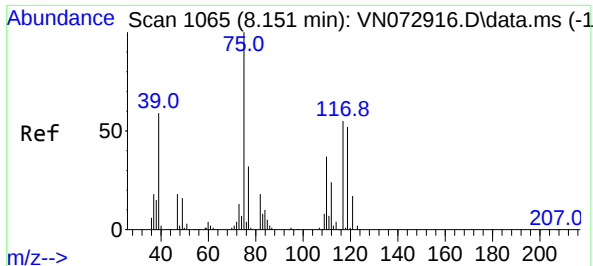
Tgt Ion:114 Resp: 568026
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.180 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion:113 Resp: 176179
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 19.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.811 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073120.D

Acq: 25 Jun 2022 19:10

Instrument :

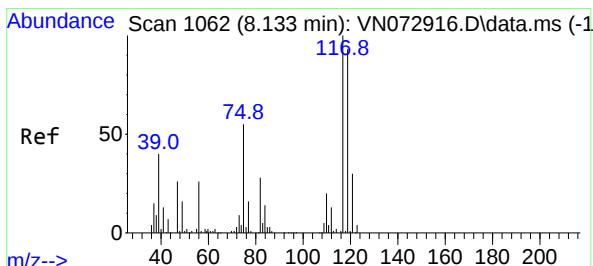
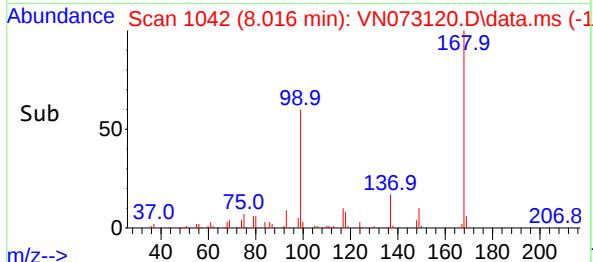
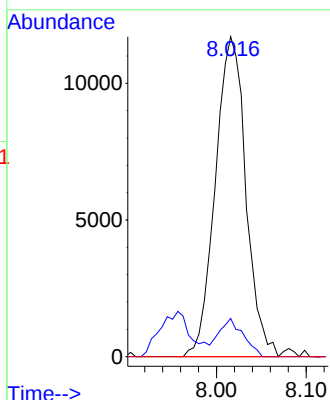
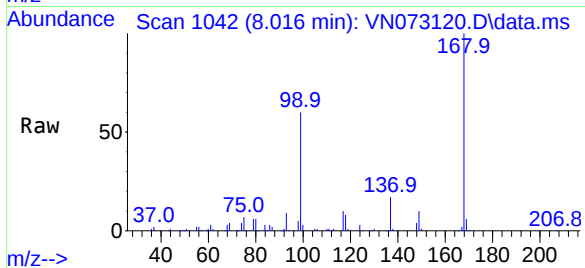
MSVOA_N

ClientSampleId :

B2204-27.5

Tgt Ion: 75 Resp: 27604

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 7.403 ug/l

RT: 8.022 min Scan# 1043

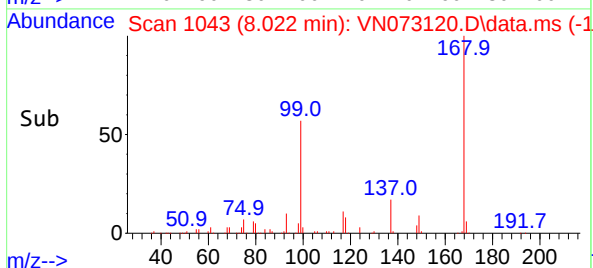
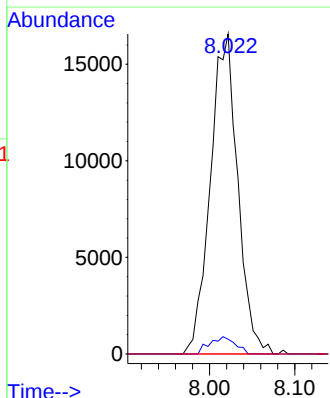
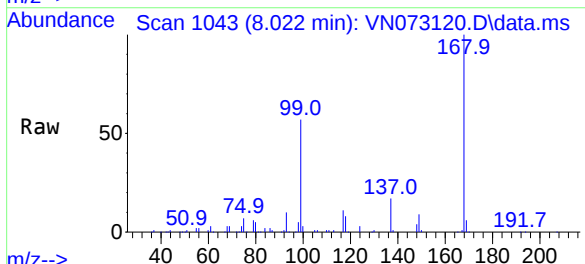
Delta R.T. -0.112 min

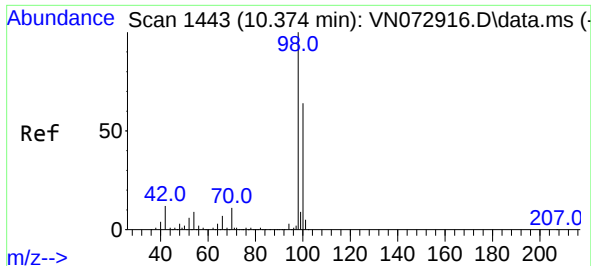
Lab File: VN073120.D

Acq: 25 Jun 2022 19:10

Tgt Ion: 117 Resp: 36994

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.0	24.6	37.0#

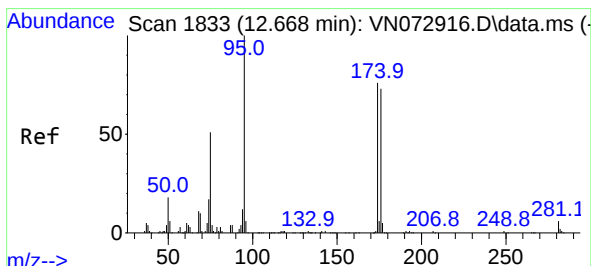
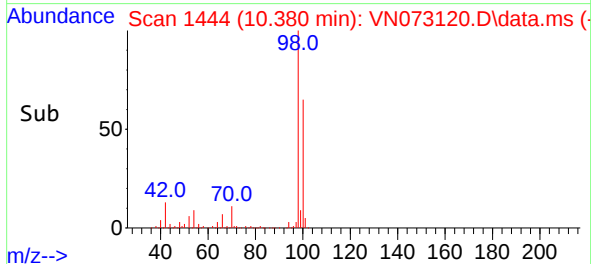
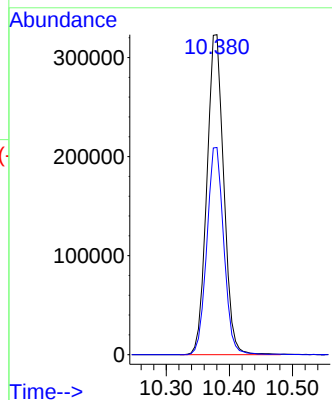
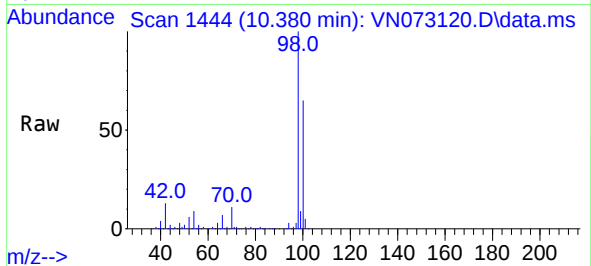




#50
Toluene-d8
Concen: 46.029 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

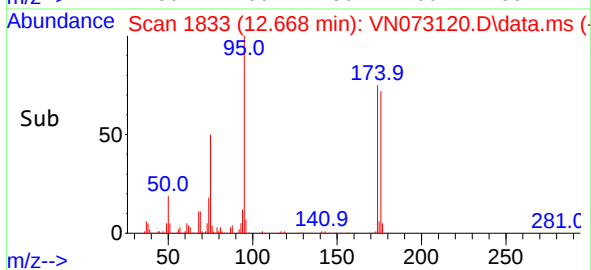
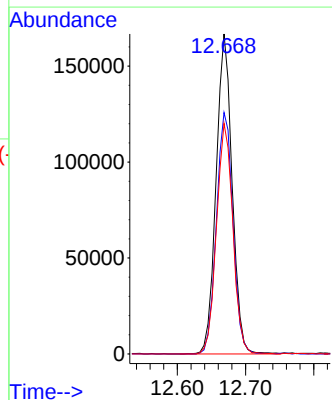
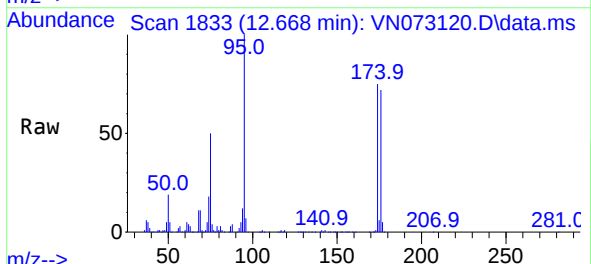
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

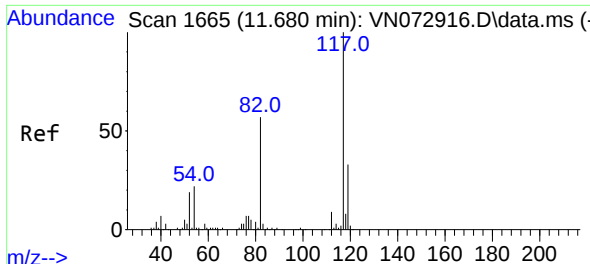
Tgt Ion: 98 Resp: 601327
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.086 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion: 95 Resp: 272870
Ion Ratio Lower Upper
95 100
174 77.9 0.0 167.6
176 73.5 0.0 163.4

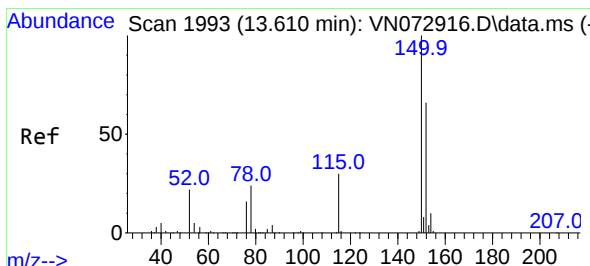
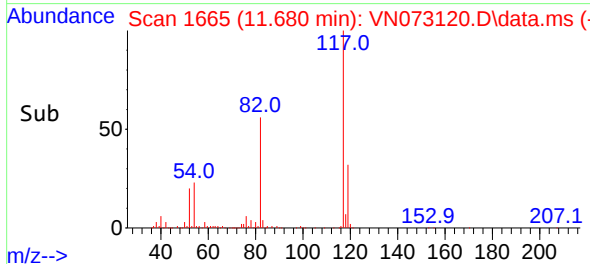
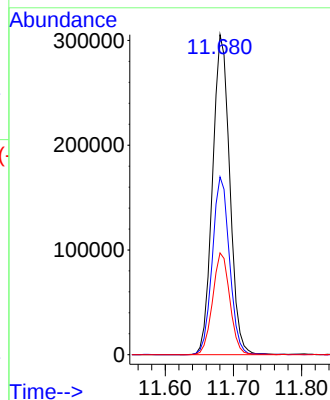
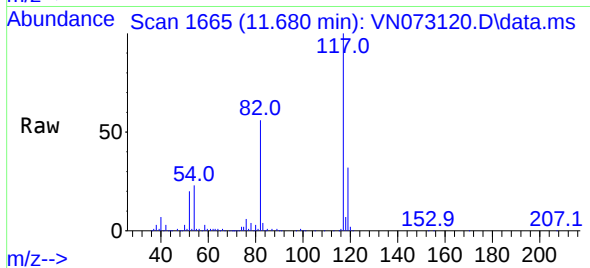




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

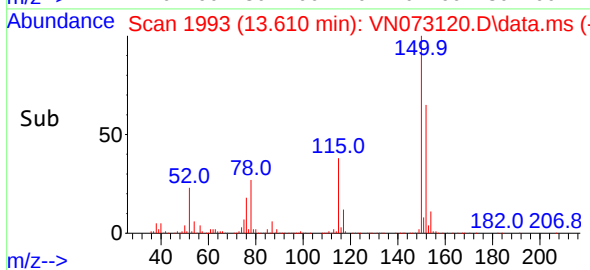
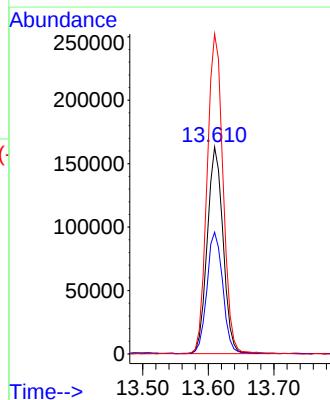
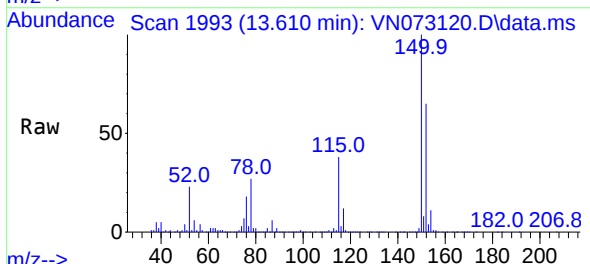
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

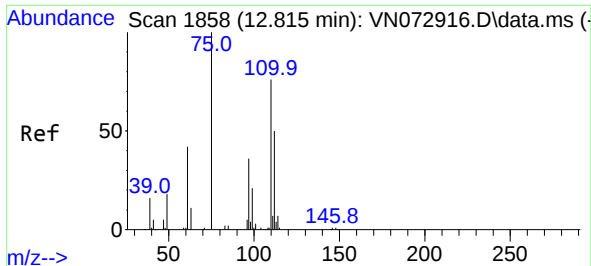
Tgt Ion:117 Resp: 537577
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion:152 Resp: 273064
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 156.0 0.0 356.2

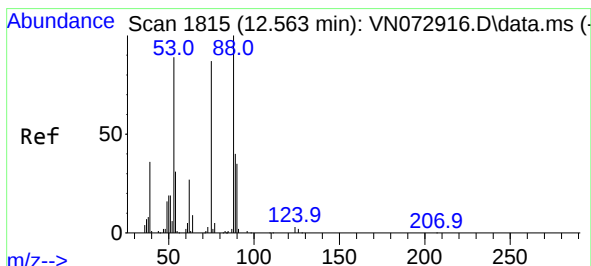
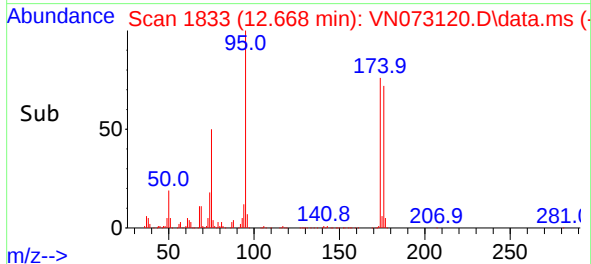
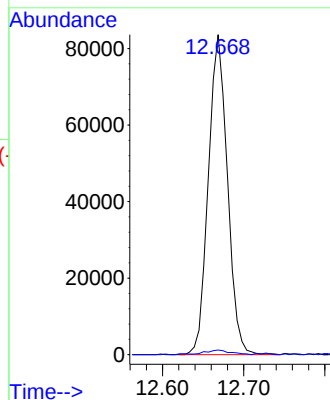
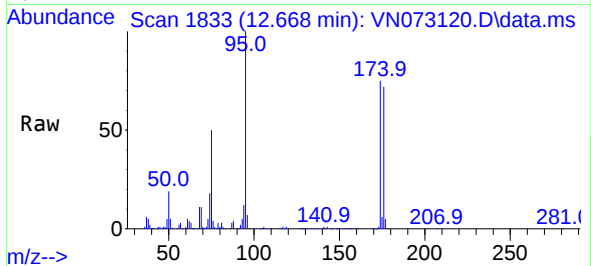




#76
1,2,3-Trichloropropane
Concen: 20.604 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

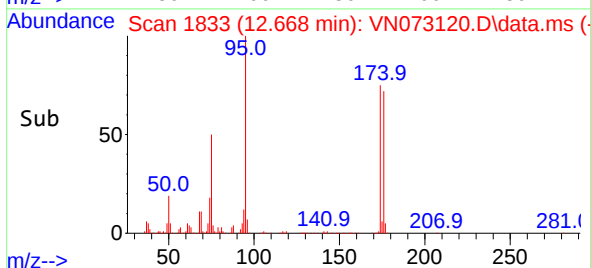
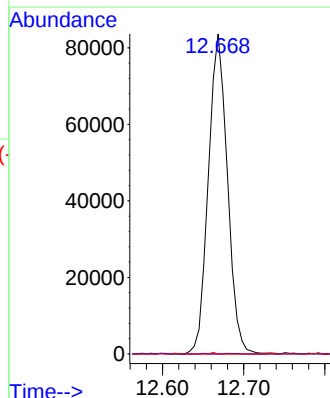
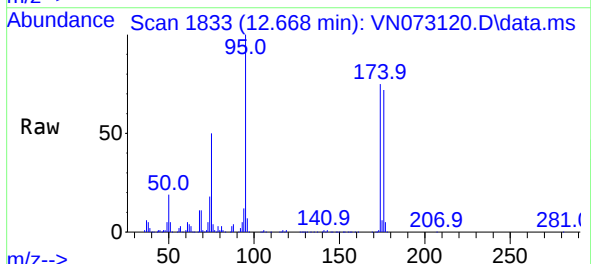
Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

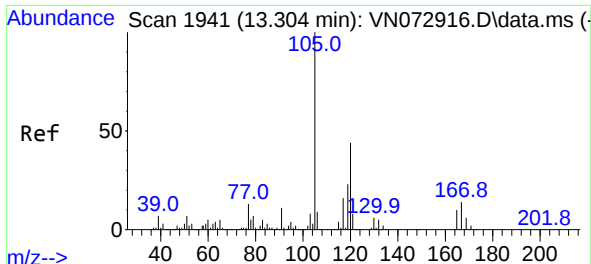
Tgt Ion: 75 Resp: 136407
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.644 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion: 75 Resp: 136407
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

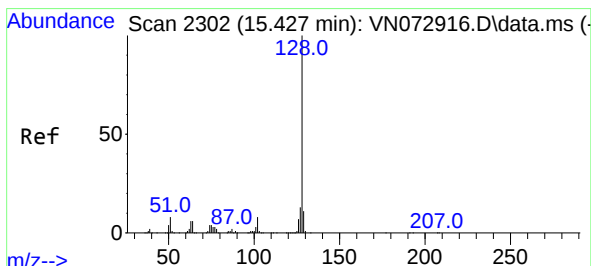
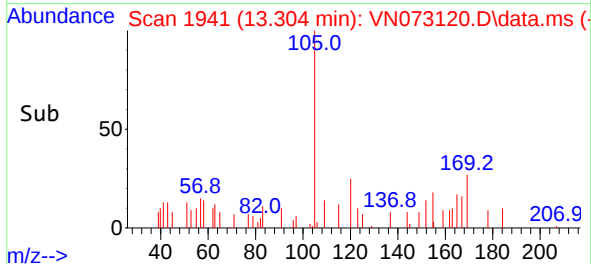
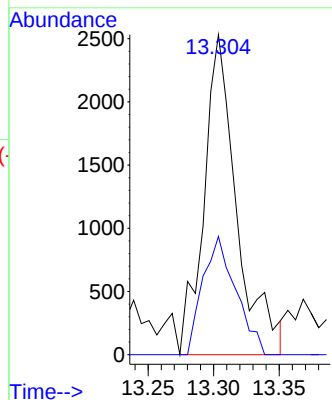
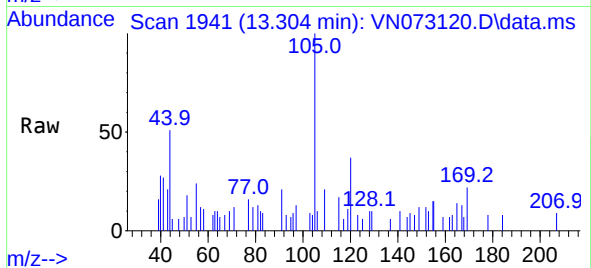




#84
1,2,4-Trimethylbenzene
Concen: 0.255 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :
B2204-27.5

Tgt Ion:105 Resp: 4412
Ion Ratio Lower Upper
105 100
120 37.2 23.3 69.8



#95
Naphthalene
Concen: 0.210 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN073120.D
Acq: 25 Jun 2022 19:10

Tgt Ion:128 Resp: 4432
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 9.0 8.6 13.0

