

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073123.D
 Acq On : 25 Jun 2022 20:23
 Operator : JC\MD
 Sample : N3434-06 40X
 Misc : 6.23g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2205-35

Quant Time: Jun 27 03:47:30 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)

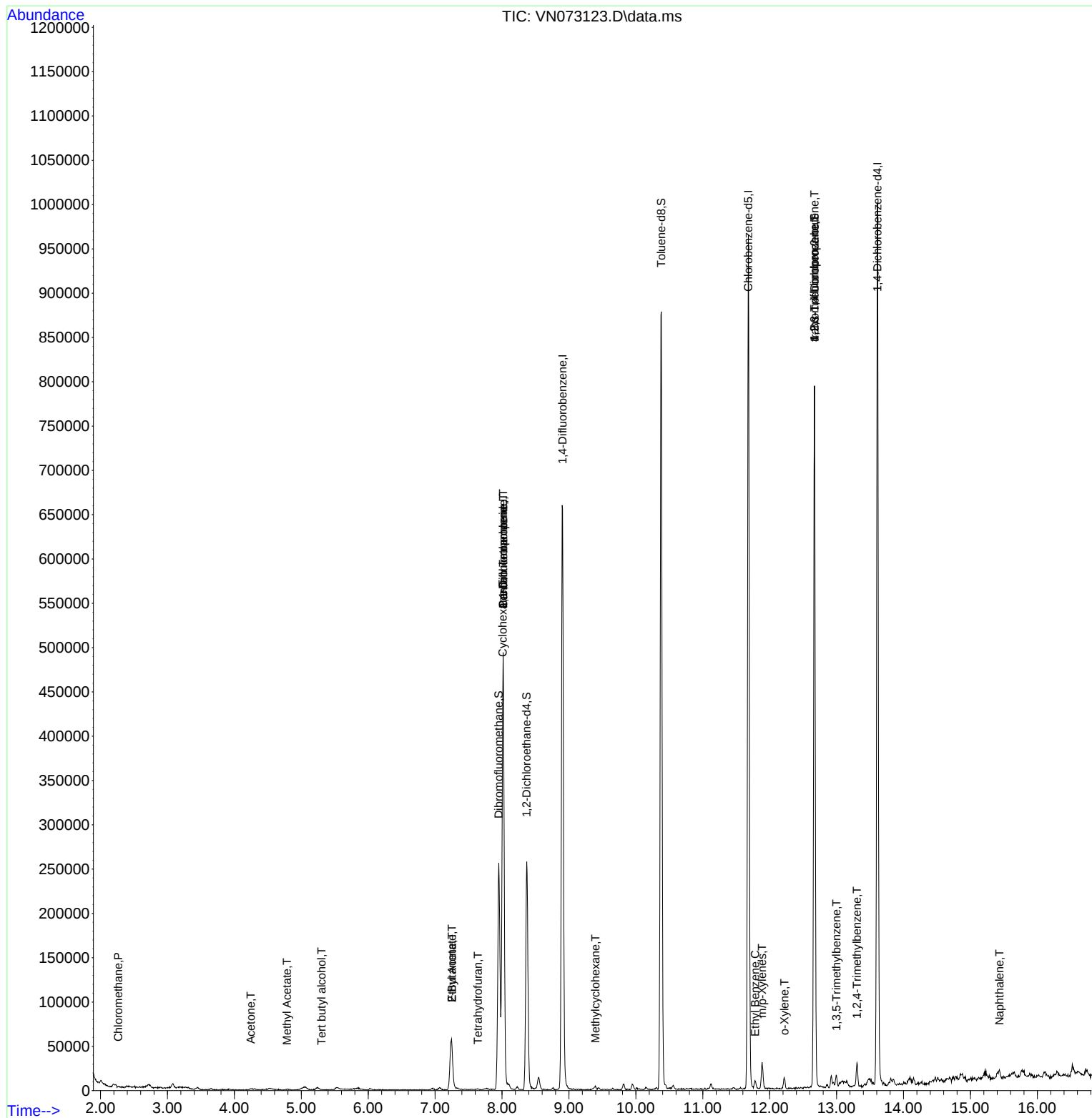
Internal Standards						
1) Pentafluorobenzene	8.016	168	368514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	589979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	544056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	271055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	217819	43.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.440%		
35) Dibromofluoromethane	7.951	113	182320	49.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	10.381	98	618099	45.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.669	95	273625	56.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.160%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	542	0.711	ug/l #	43
11) Tert butyl alcohol	5.304	59	680	0.528	ug/l #	72
16) Acetone	4.246	43	2515	0.918	ug/l #	86
18) Methyl Acetate	4.787	43	1649	0.226	ug/l #	58
20) Methylene Chloride	5.028	84	742	Below Cal	#	61
25) 2-Butanone	7.251	43	3737	0.860	ug/l #	71
29) Tetrahydrofuran	7.640	42	732	0.255	ug/l #	55
31) Cyclohexane	8.010	56	8278	1.228	ug/l #	30
36) 1,1-Dichloropropene	8.016	75	28994	5.876	ug/l #	49
37) Ethyl Acetate	7.251	43	3737	0.473	ug/l #	12
38) Carbon Tetrachloride	8.016	117	37778	7.279	ug/l #	16
39) Methylcyclohexane	9.398	83	1194	0.201	ug/l #	70
67) Ethyl Benzene	11.780	91	6116	0.327	ug/l	96
68) m/p-Xylenes	11.886	106	9009	1.228	ug/l	96
69) o-Xylene	12.222	106	3235	0.441	ug/l	95
76) 1,2,3-Trichloropropane	12.669	75	141261	21.495	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.998	105	4942	0.287	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.669	75	141261	58.051	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	15324	0.893	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.521	75	70	Below Cal	#	39
95) Naphthalene	15.433	128	6270	0.299	ug/l #	84

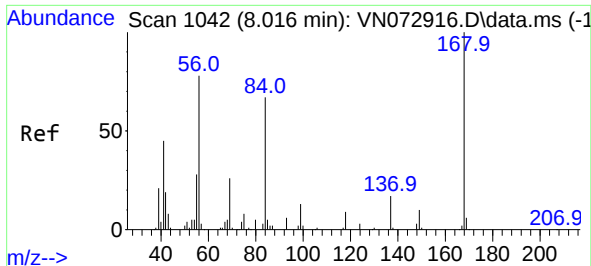
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

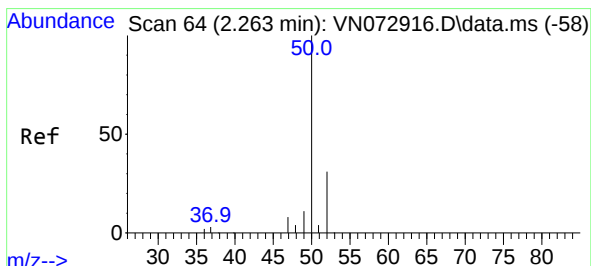
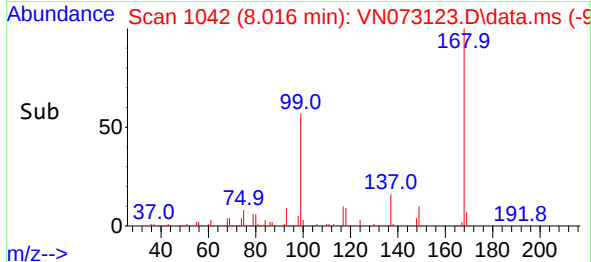
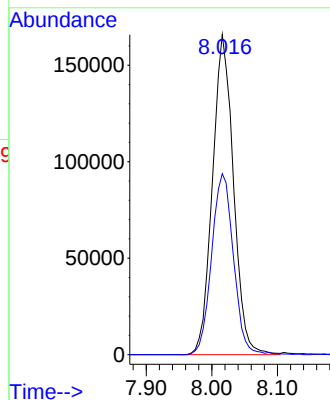
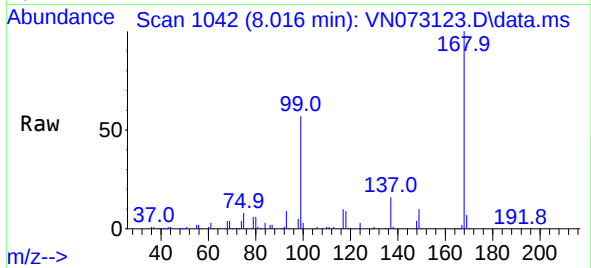




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

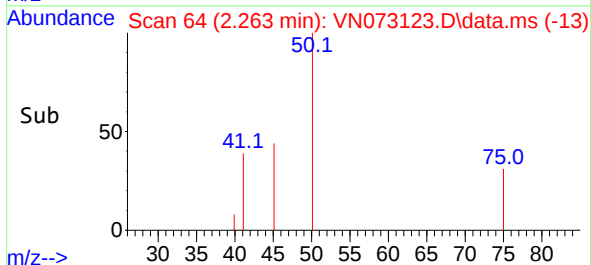
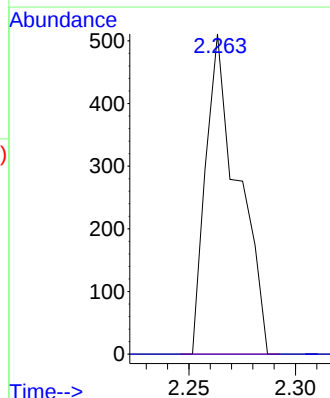
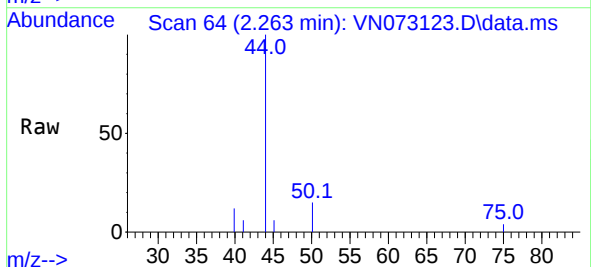
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

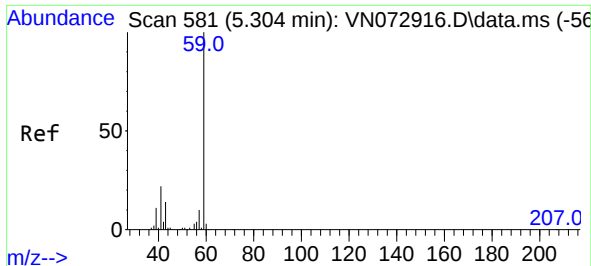
Tgt Ion:168 Resp: 368514
Ion Ratio Lower Upper
168 100
99 56.5 42.3 63.5



#3
Chloromethane
Concen: 0.711 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

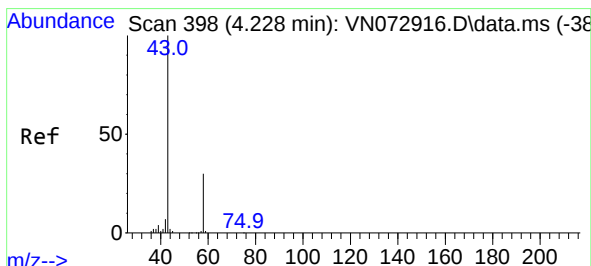
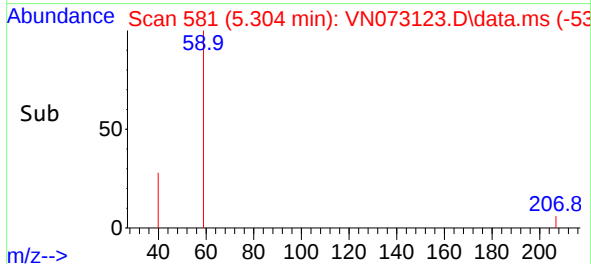
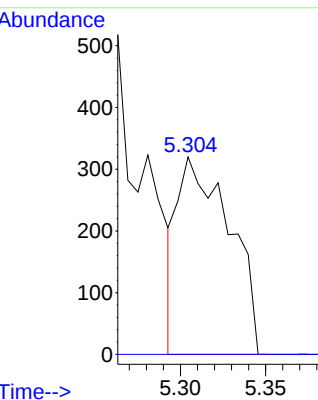
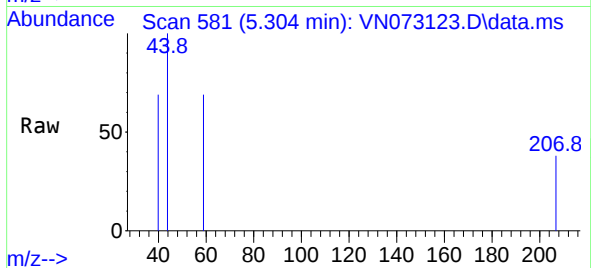




#11
Tert butyl alcohol
Concen: 0.528 ug/l
RT: 5.304 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

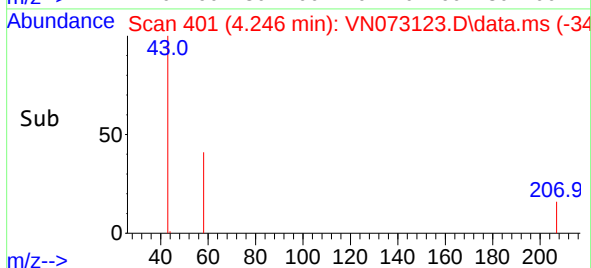
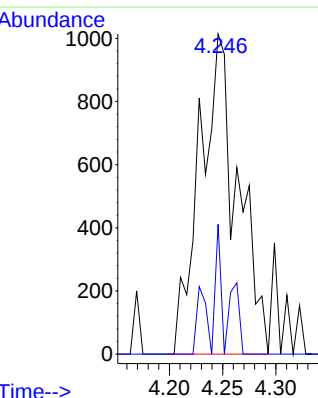
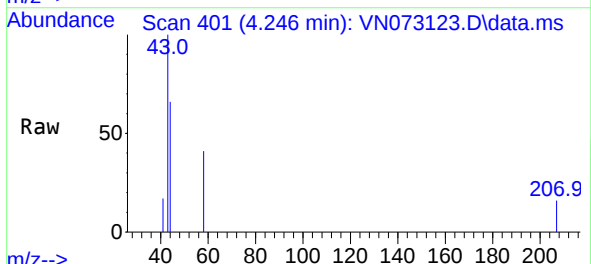
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

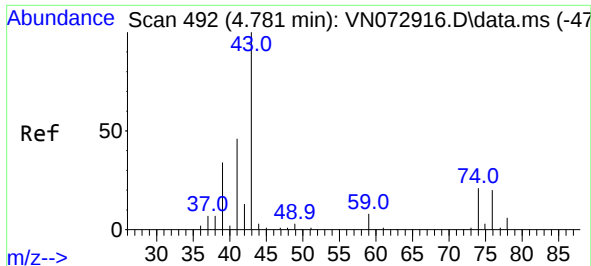
Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.918 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 43 Resp: 2515
Ion Ratio Lower Upper
43 100
58 40.5 26.0 39.0#

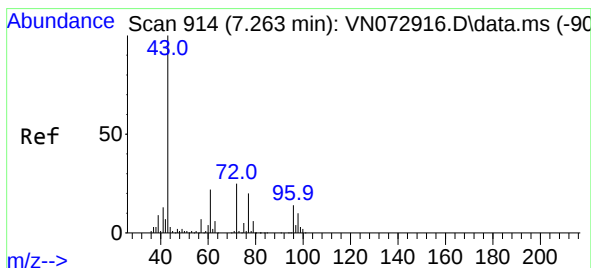
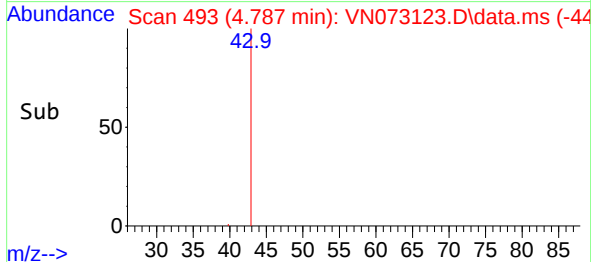
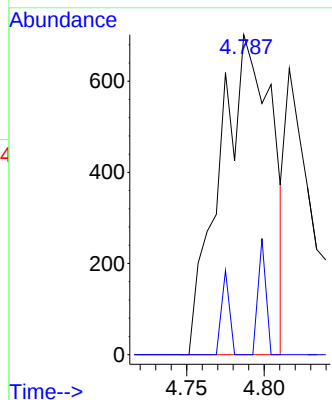
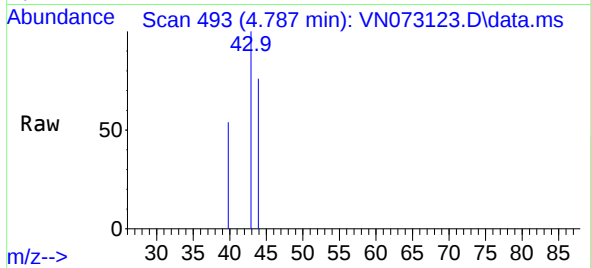




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

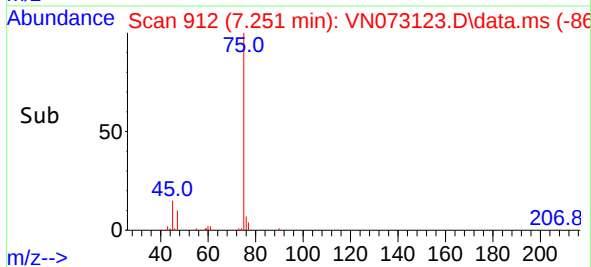
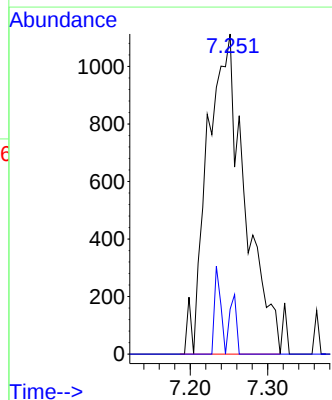
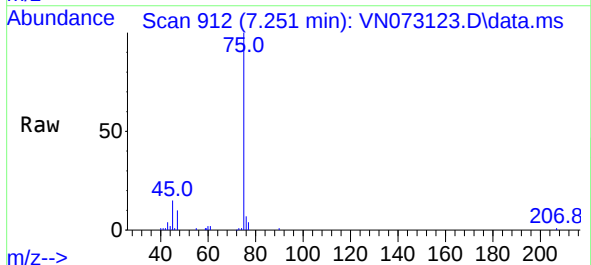
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

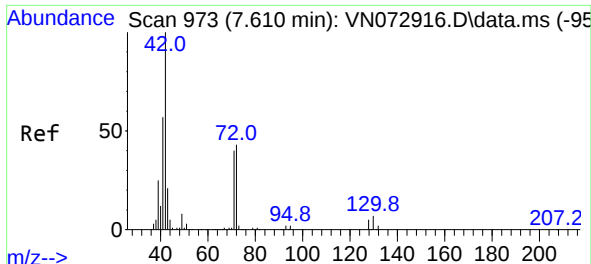
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
74 5.5 21.6 32.4#



#25
2-Butanone
Concen: 0.860 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.012 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
72 14.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.030 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

Instrument :

MSVOA_N

ClientSampleId :

B2205-35

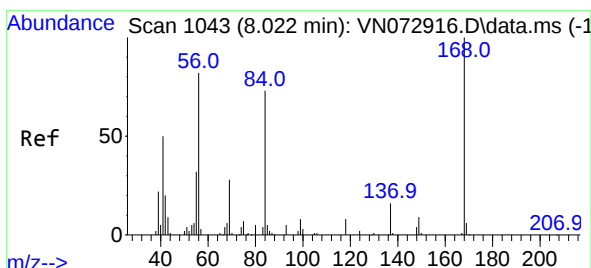
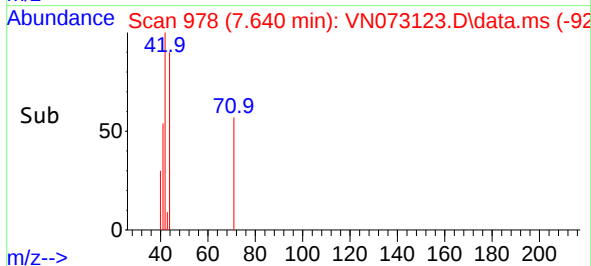
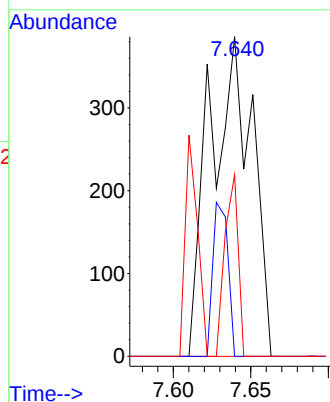
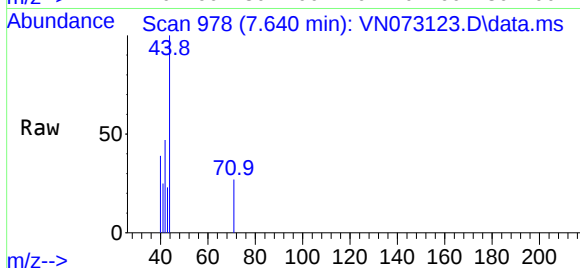
Tgt Ion: 42 Resp: 732

Ion Ratio Lower Upper

42 100

72 17.1 39.7 59.5#

71 17.9 36.6 55.0#



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

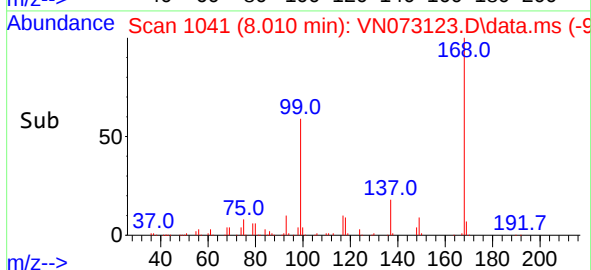
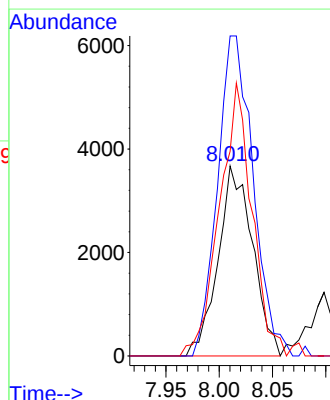
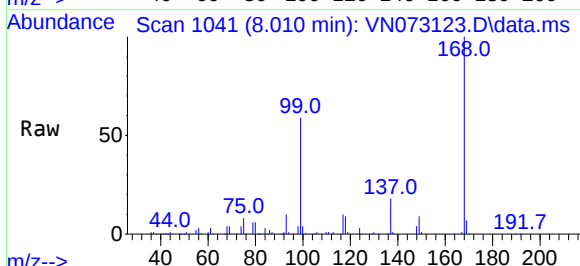
Tgt Ion: 56 Resp: 8278

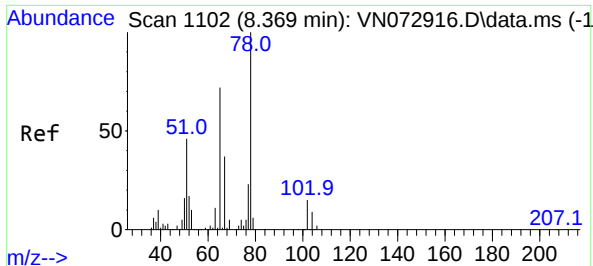
Ion Ratio Lower Upper

56 100

69 168.5 27.8 41.8#

84 107.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.719 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

Instrument :

MSVOA_N

ClientSampleId :

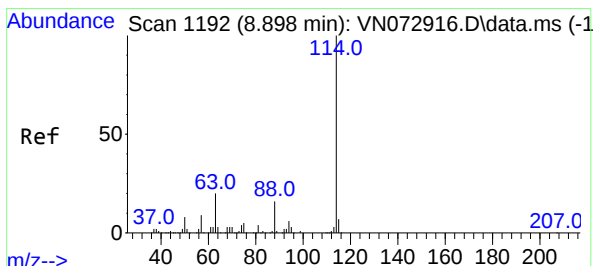
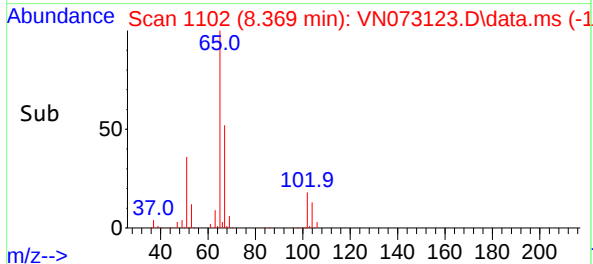
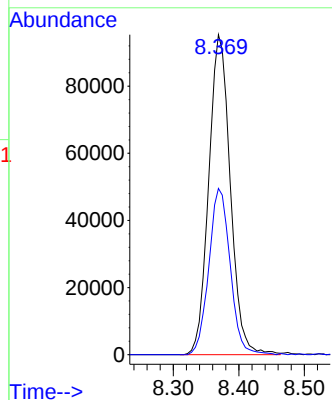
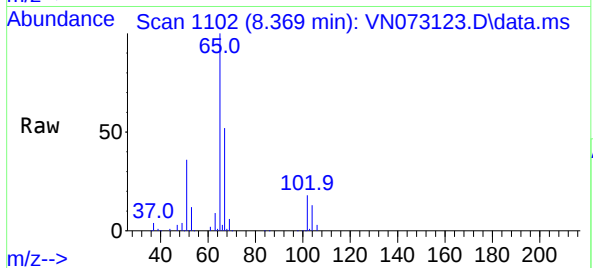
B2205-35

Tgt Ion: 65 Resp: 217819

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

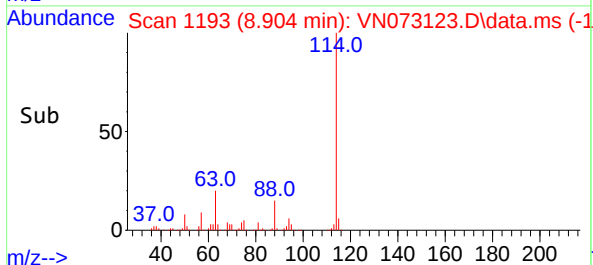
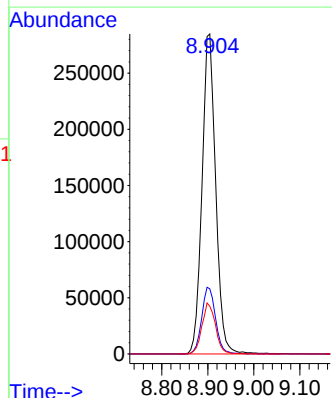
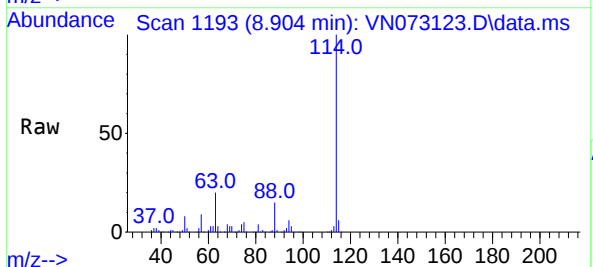
Tgt Ion: 114 Resp: 589979

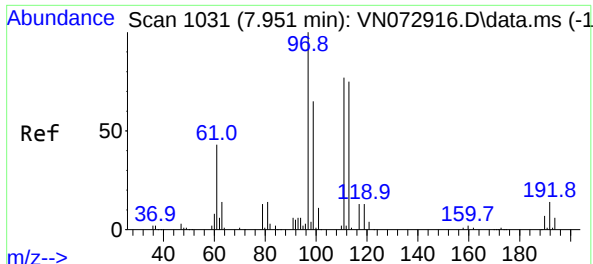
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 14.9 0.0 32.6

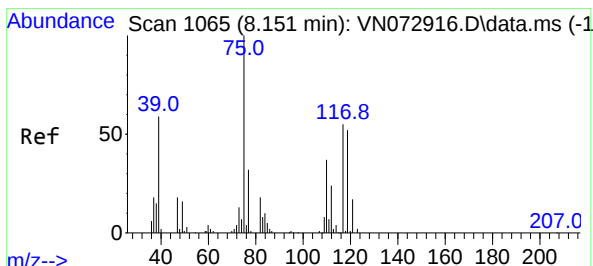
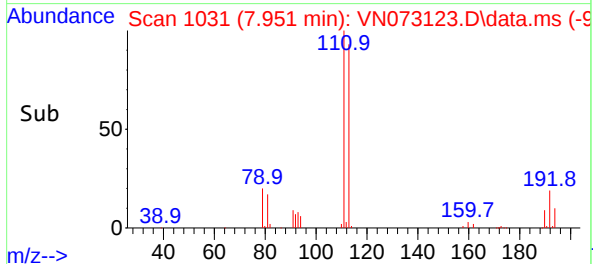
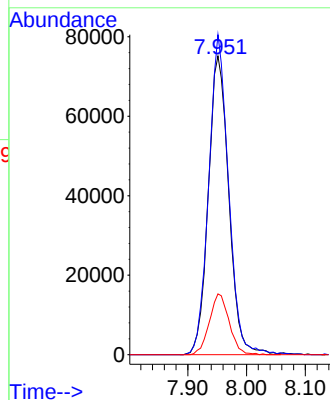
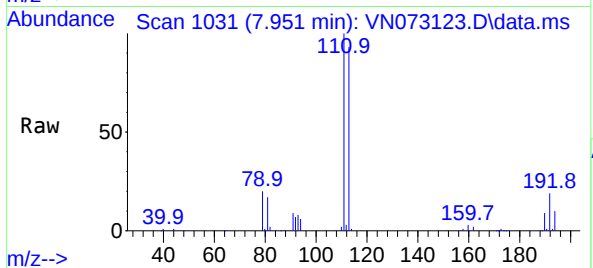




#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

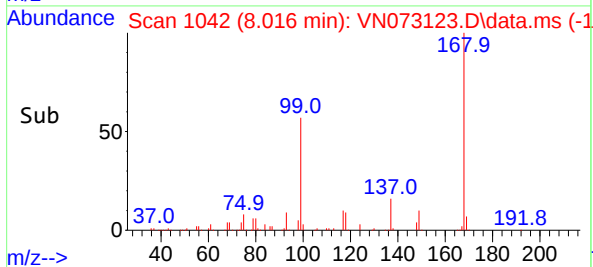
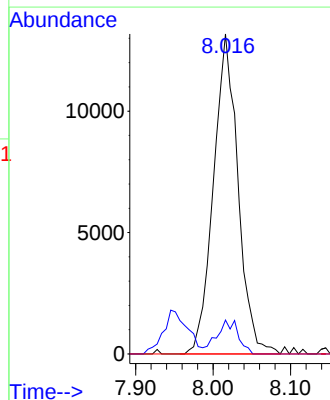
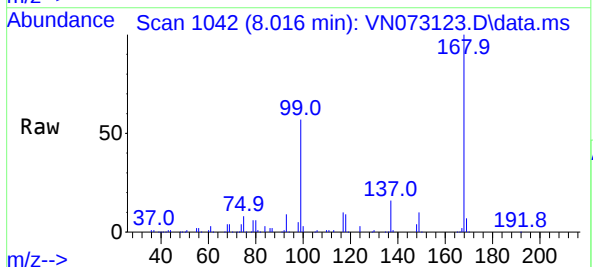
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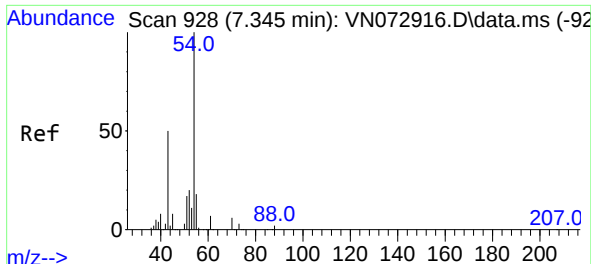
Tgt Ion:113 Resp: 182320
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 19.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.876 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 75 Resp: 28994
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

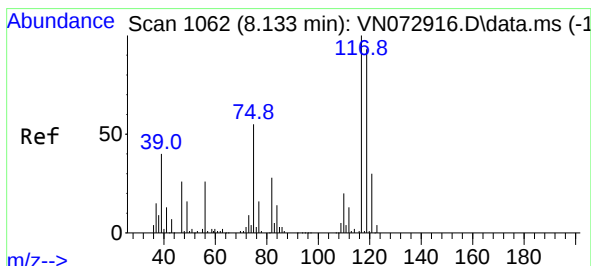
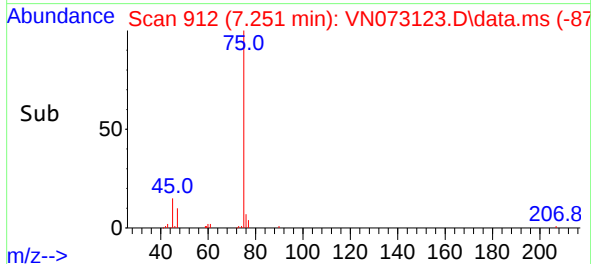
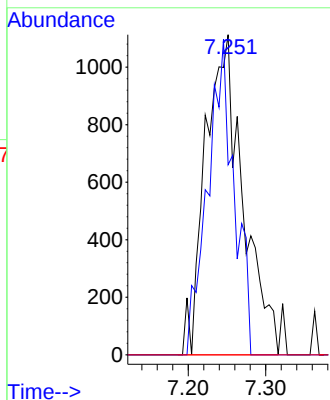
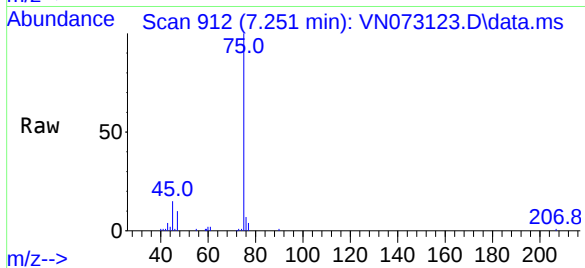




#37
Ethyl Acetate
Concen: 0.473 ug/l
RT: 7.251 min Scan# 91
Delta R.T. -0.094 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

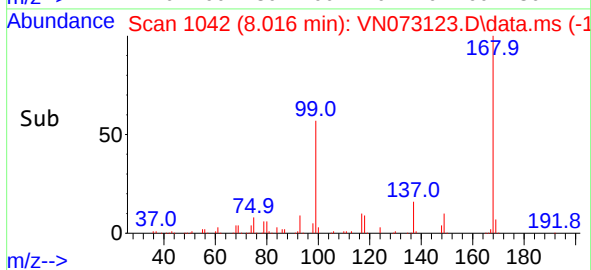
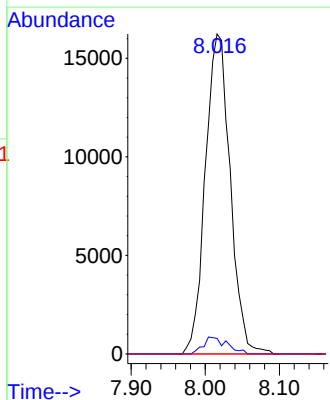
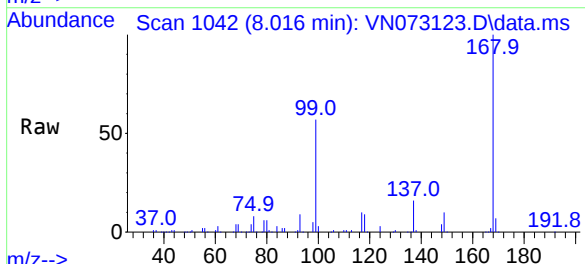
Instrument :
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B2205-35

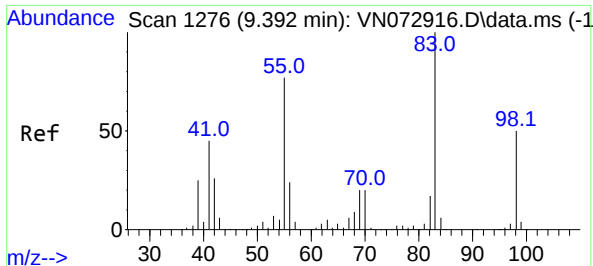
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
61 69.9 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.279 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 117 Resp: 37778
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.201 ug/l

RT: 9.398 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

Instrument :

MSVOA_N

ClientSampleId :

B2205-35

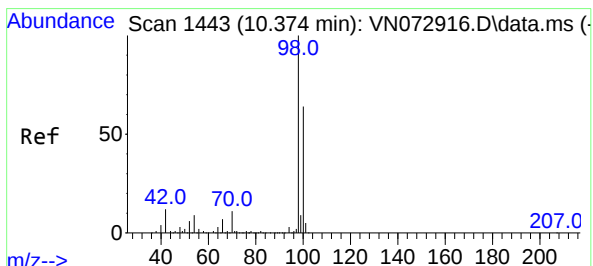
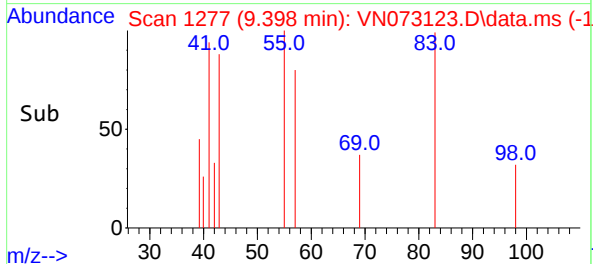
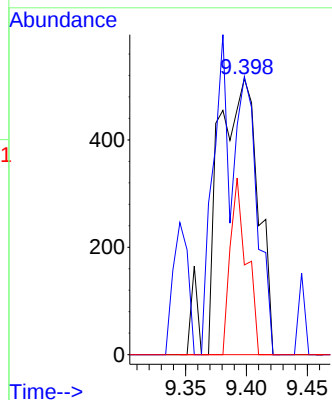
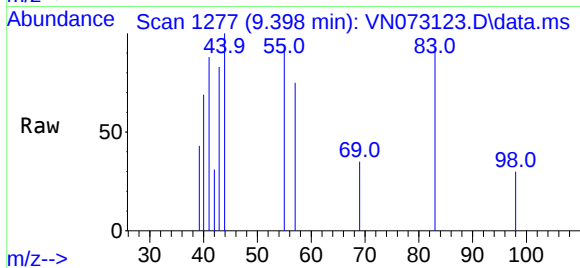
Tgt Ion: 83 Resp: 1194

Ion Ratio Lower Upper

83 100

55 100.8 57.8 86.8#

98 32.5 39.4 59.2#



#50

Toluene-d8

Concen: 45.552 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073123.D

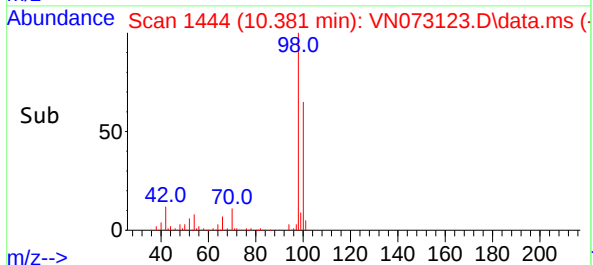
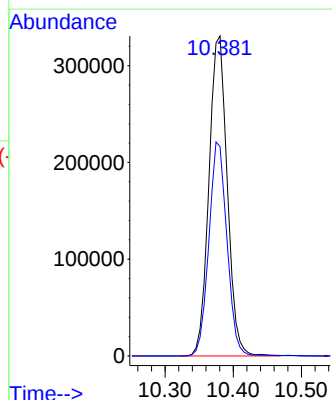
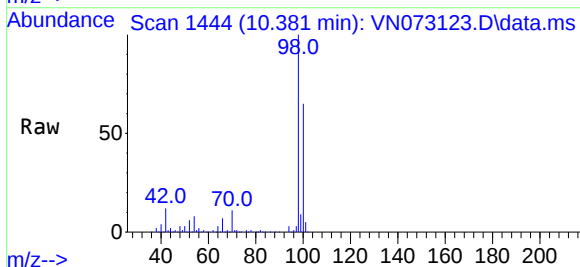
Acq: 25 Jun 2022 20:23

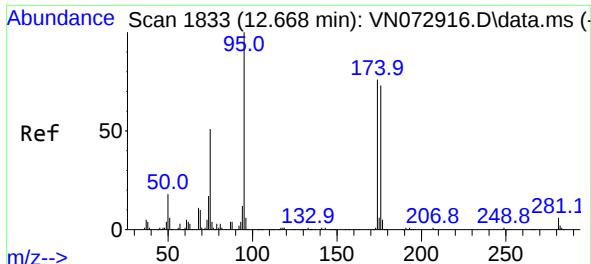
Tgt Ion: 98 Resp: 618099

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

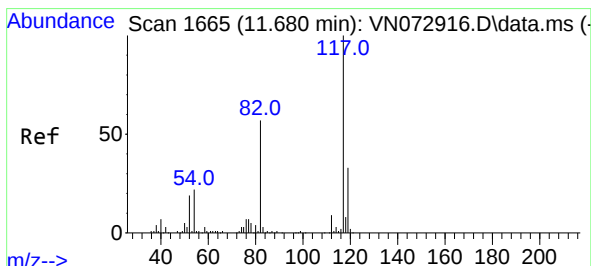
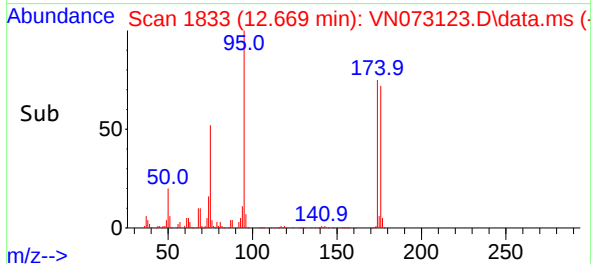
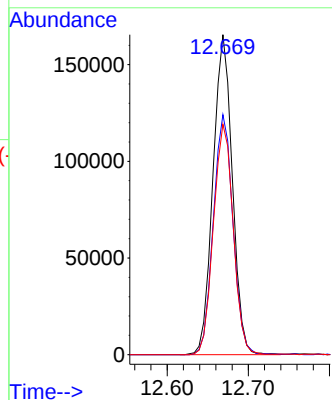
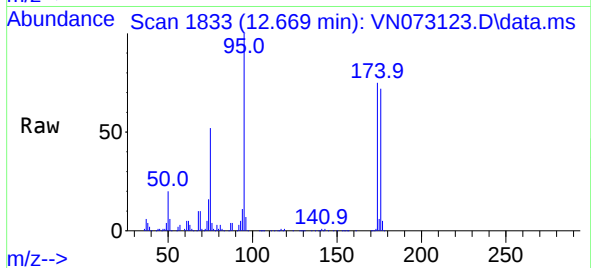




#62
4-Bromofluorobenzene
Concen: 56.079 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

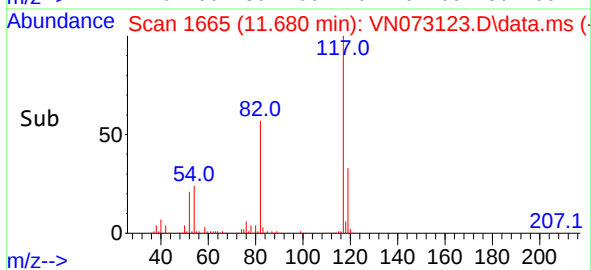
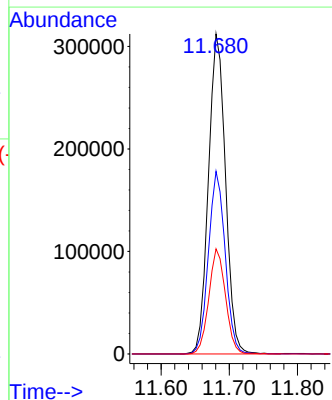
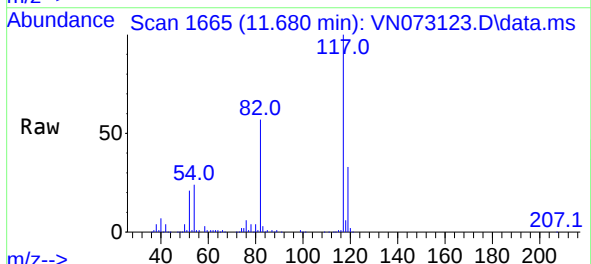
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

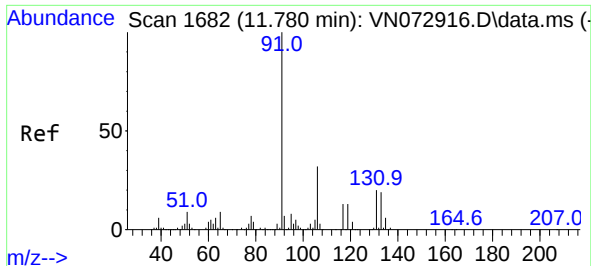
Tgt Ion: 95 Resp: 273625
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 73.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 117 Resp: 544056
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 32.8 25.4 38.0

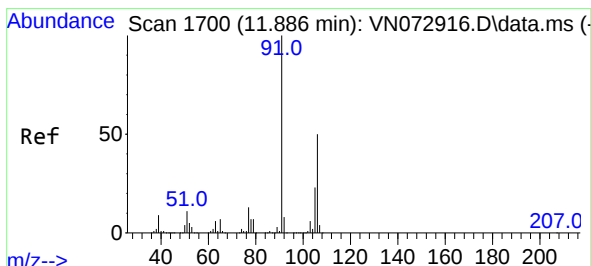
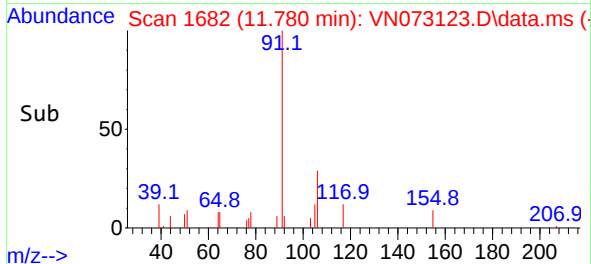
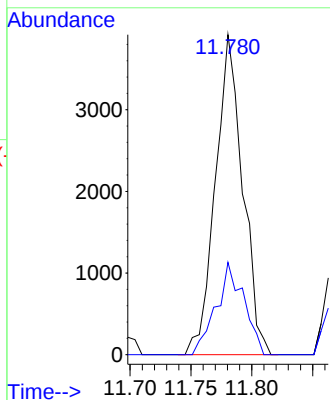
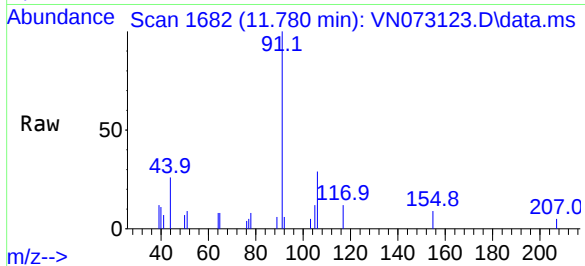




#67
Ethyl Benzene
Concen: 0.327 ug/l
RT: 11.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

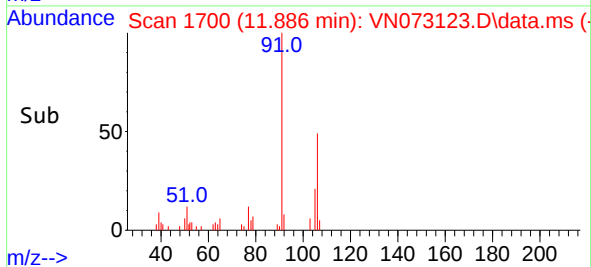
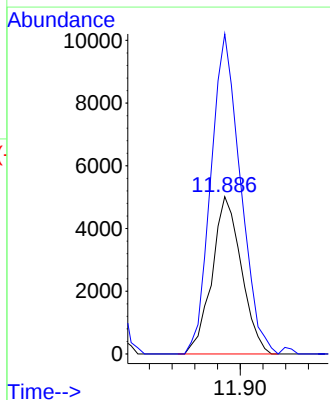
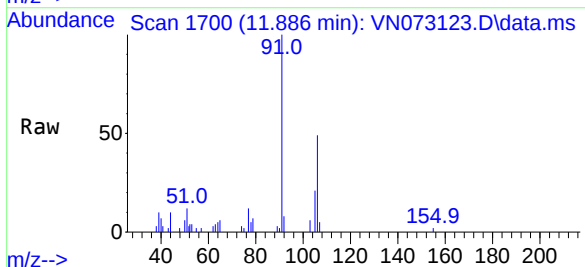
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

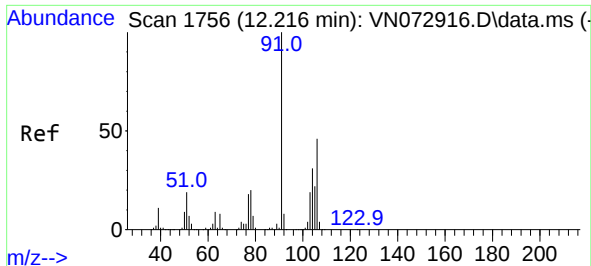
Tgt Ion: 91 Resp: 6116
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3



#68
m/p-Xylenes
Concen: 1.228 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion: 106 Resp: 9009
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3





#69

o-Xylene

Concen: 0.441 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.006 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

Instrument :

MSVOA_N

ClientSampleId :

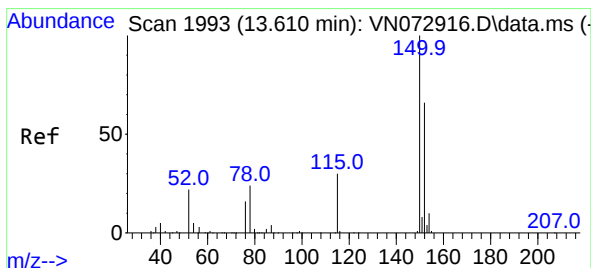
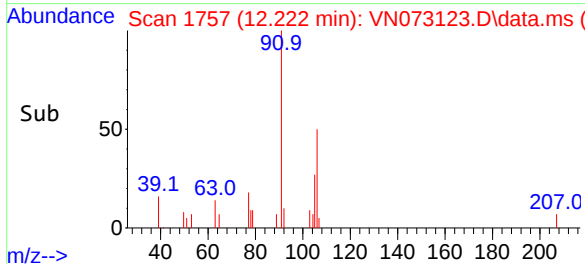
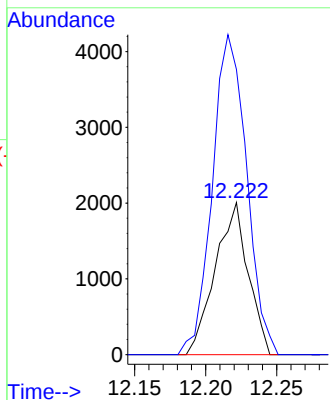
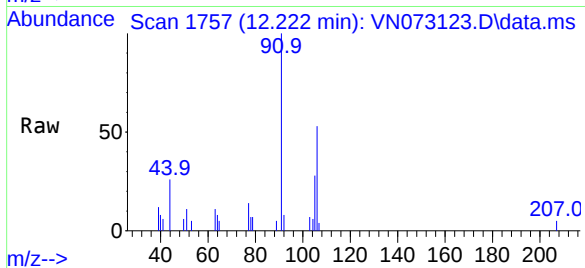
B2205-35

Tgt Ion:106 Resp: 3235

Ion Ratio Lower Upper

106 100

91 219.3 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073123.D

Acq: 25 Jun 2022 20:23

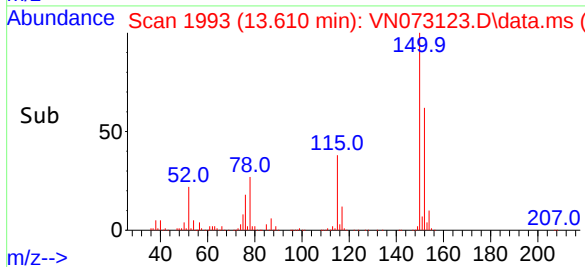
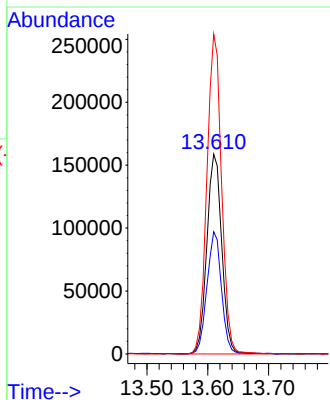
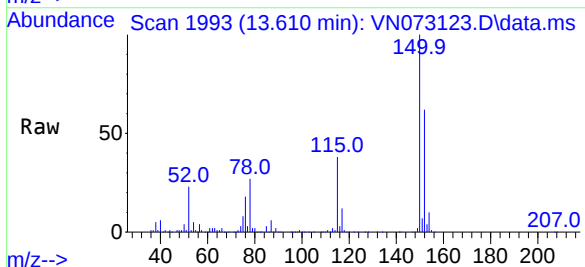
Tgt Ion:152 Resp: 271055

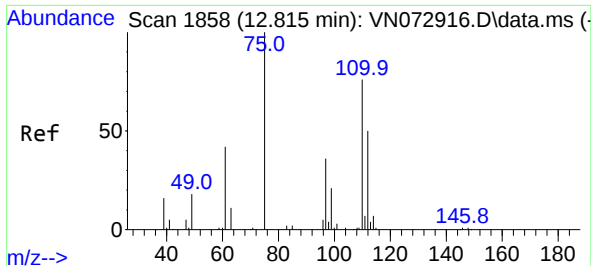
Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.7

150 156.8 0.0 356.2

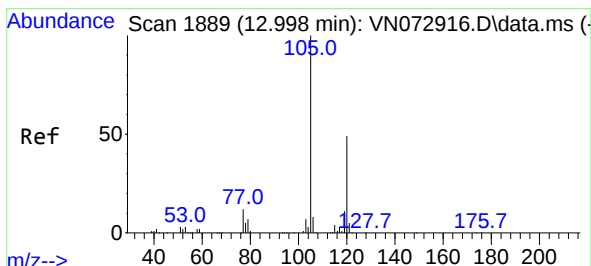
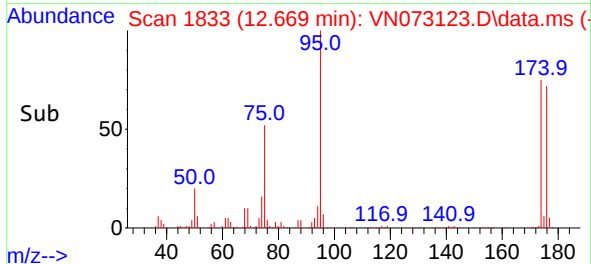
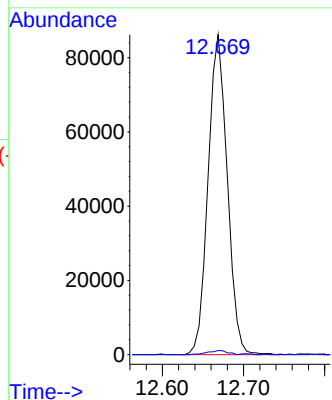
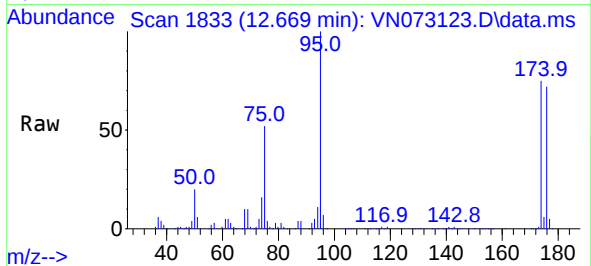




#76
1,2,3-Trichloropropane
Concen: 21.495 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

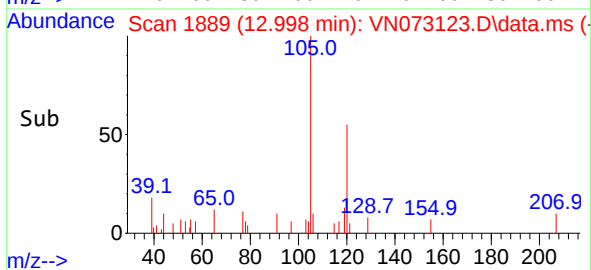
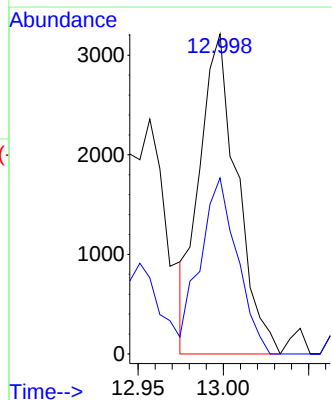
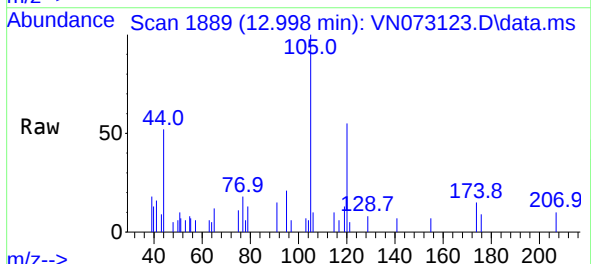
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

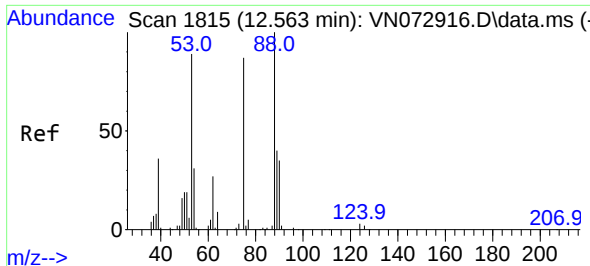
Tgt Ion: 75 Resp: 141261
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.287 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Tgt Ion:105 Resp: 4942
Ion Ratio Lower Upper
105 100
120 53.9 24.9 74.7

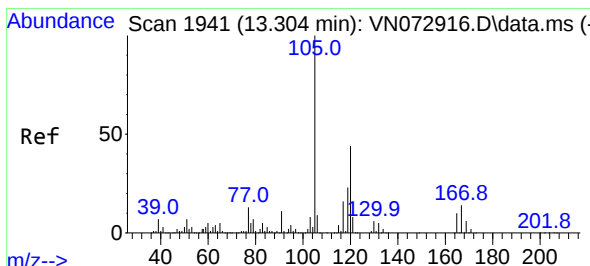
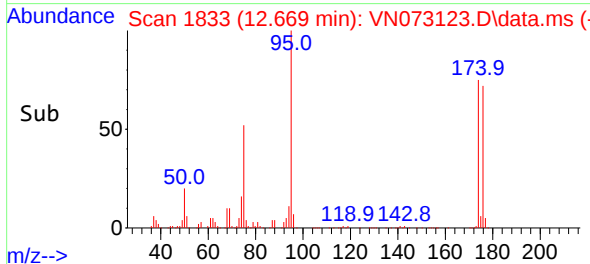
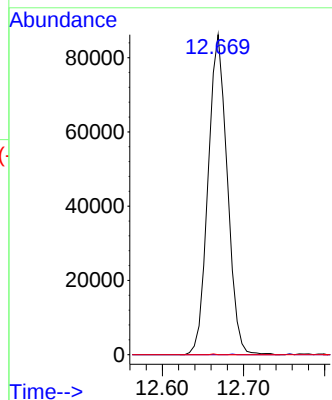
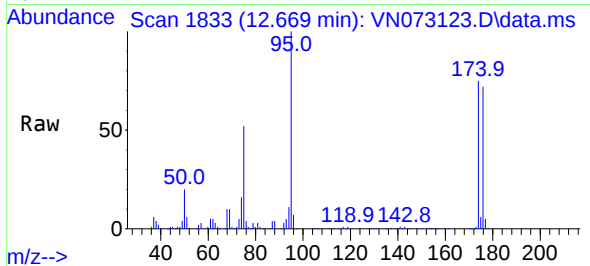




#81
trans-1,4-Dichloro-2-butene
Concen: 58.051 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

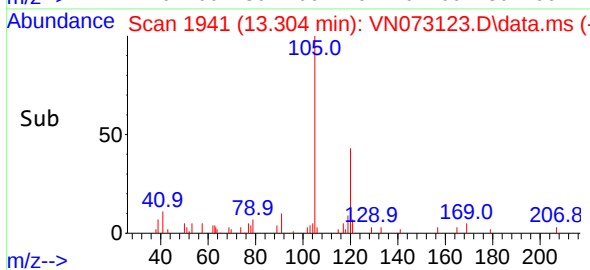
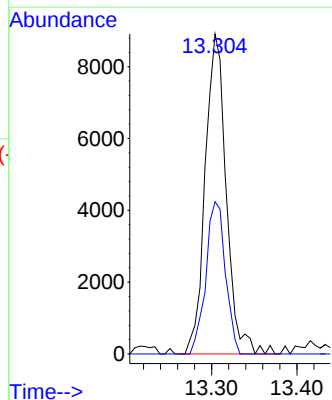
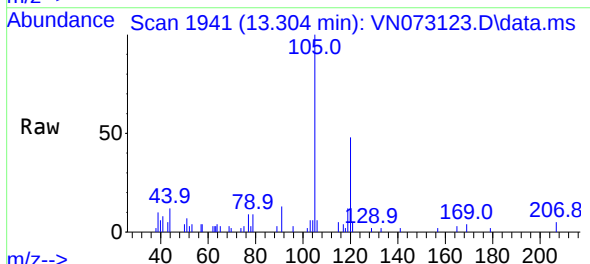
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

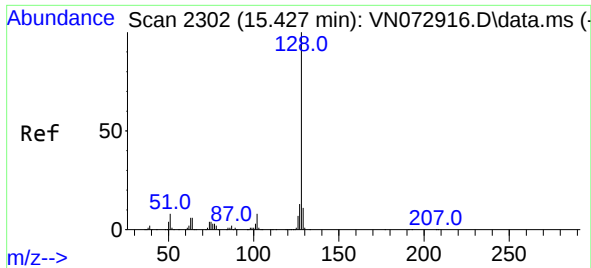
Tgt Ion: 75 Resp: 141261
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.893 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

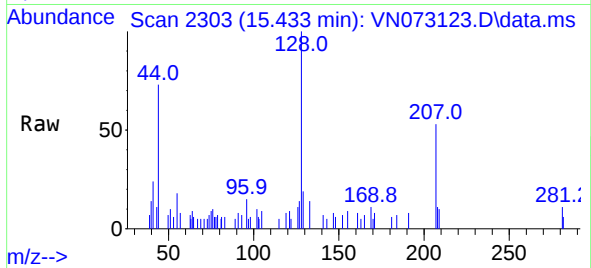
Tgt Ion: 105 Resp: 15324
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8





#95
Naphthalene
Concen: 0.299 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073123.D
Acq: 25 Jun 2022 20:23

Instrument :
MSVOA_N
ClientSampleId :
B2205-35



Tgt Ion:128 Resp: 6270
Ion Ratio Lower Upper
128 100
127 18.1 10.3 15.5#
129 17.8 8.6 13.0#

