

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082916.D
 Acq On : 15 Jul 2024 13:48
 Operator : JC\MD
 Sample : VN0715MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

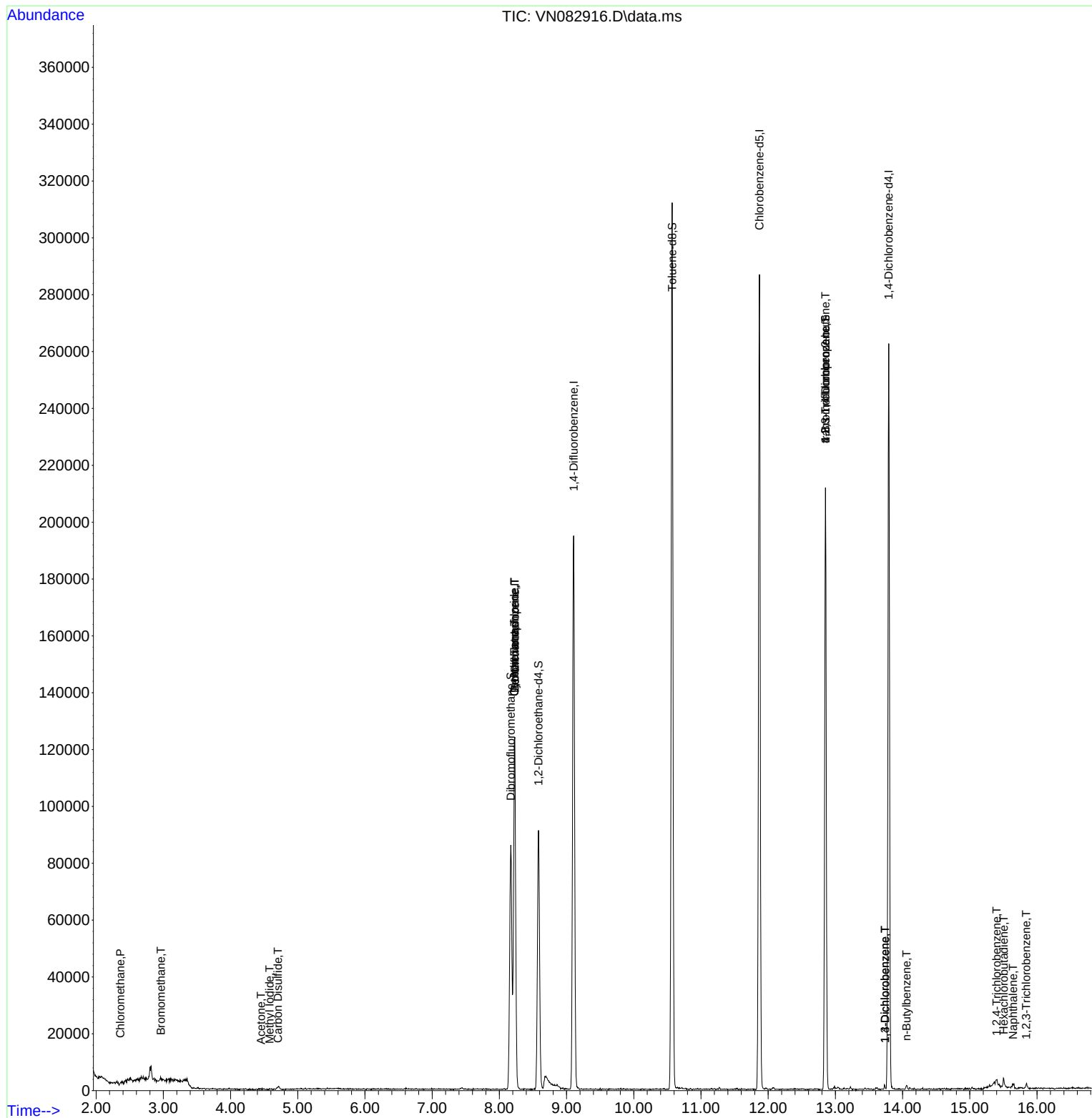
Internal Standards						
1) Pentafluorobenzene	8.229	168	86530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	161775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75189	61.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.980%			
35) Dibromofluoromethane	8.171	113	60229	56.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.660%			
50) Toluene-d8	10.570	98	211406	54.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.853	95	69342	49.318	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.640%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	313	0.295	ug/l #	43
5) Bromomethane	2.965	94	839	1.043	ug/l	84
10) Methyl Iodide	4.583	142	367	0.394	ug/l #	38
16) Acetone	4.453	43	281	0.658	ug/l #	48
17) Carbon Disulfide	4.706	76	2017	0.764	ug/l #	75
31) Cyclohexane	8.224	56	2373	1.496	ug/l #	45
36) 1,1-Dichloropropene	8.229	75	7815	5.349	ug/l #	50
38) Carbon Tetrachloride	8.224	117	9489	5.394	ug/l #	18
43) Isopropyl Acetate	8.694	43	5259	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	38060	32.802	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38060	64.511	ug/l #	6
87) 1,3-Dichlorobenzene	13.741	146	502	0.220	ug/l	72
88) 1,4-Dichlorobenzene	13.741	146	502	0.213	ug/l	72
89) n-Butylbenzene	14.058	91	1221	0.361	ug/l #	83
93) 1,2,4-Trichlorobenzene	15.400	180	600	0.503	ug/l #	88
94) Hexachlorobutadiene	15.505	225	685	1.296	ug/l	96
95) Naphthalene	15.647	128	2459	0.602	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.841	180	894	0.729	ug/l	83

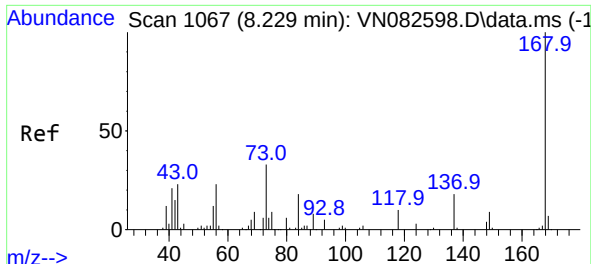
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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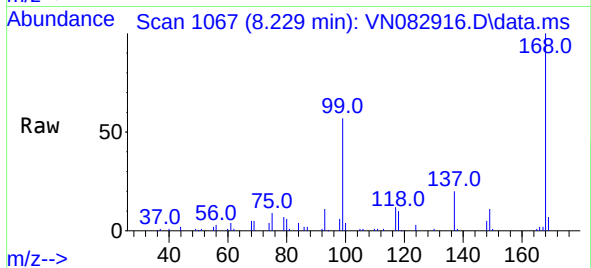
Quant Time: Jul 16 01:23:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



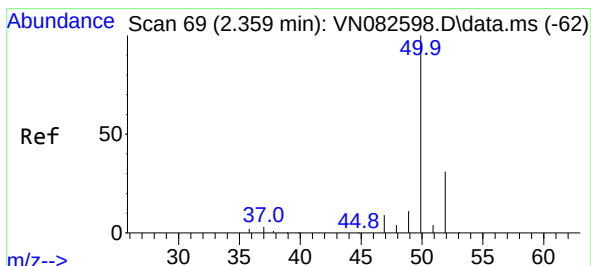
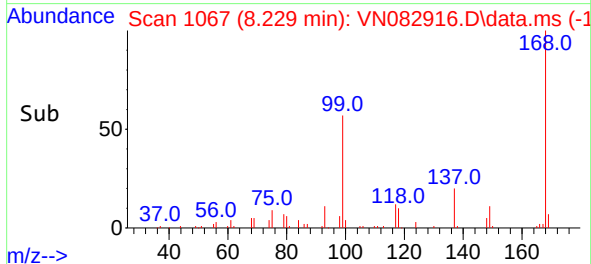
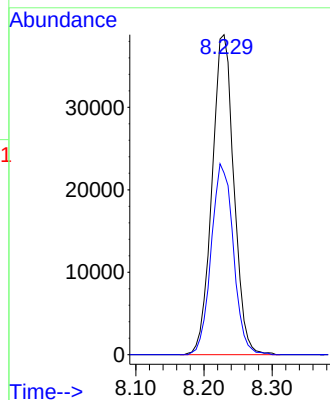


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

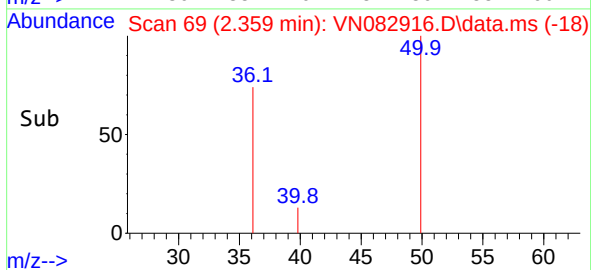
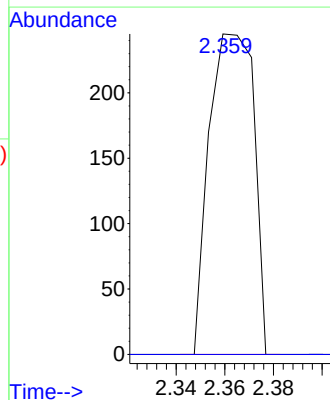
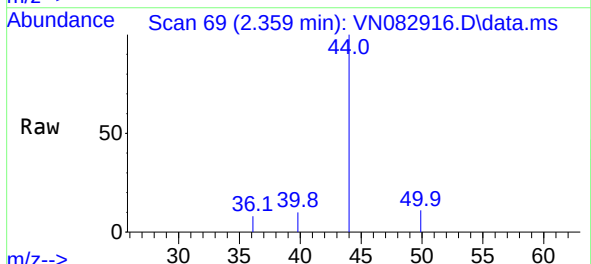


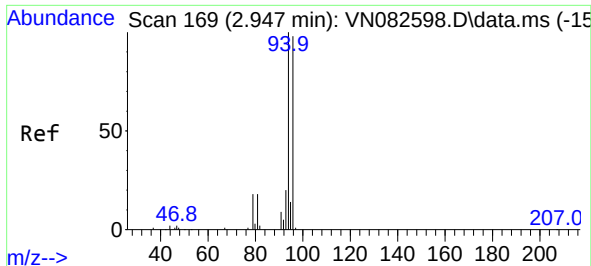
Tgt Ion:168 Resp: 86530
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.4



#3
Chloromethane
Concen: 0.295 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

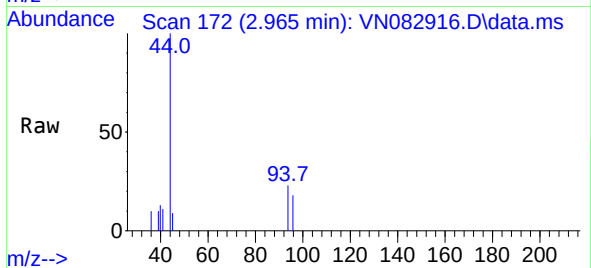
Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



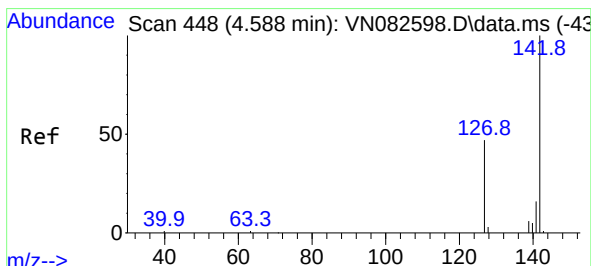
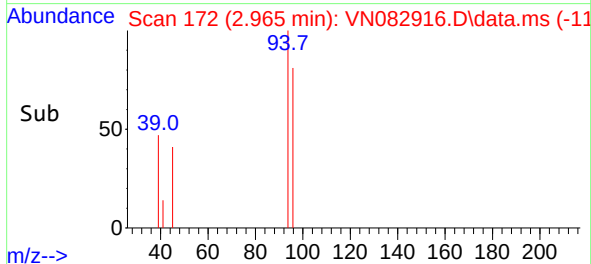
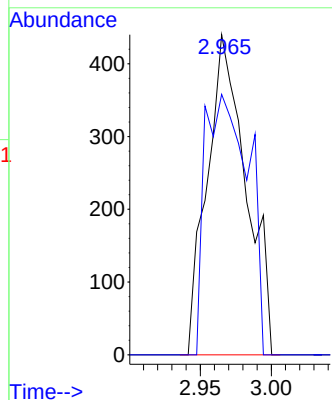


#5
Bromomethane
Concen: 1.043 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

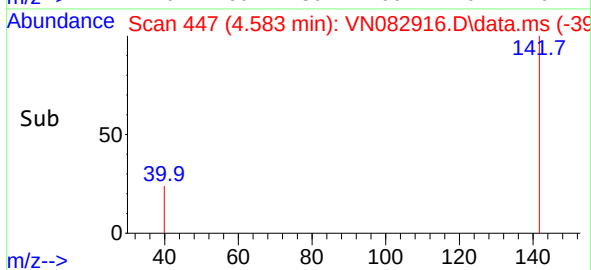
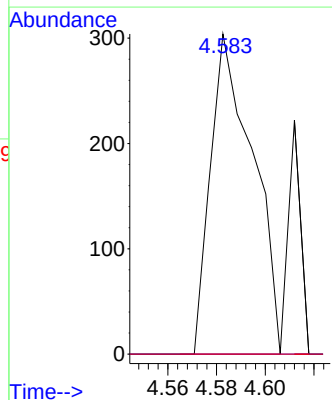
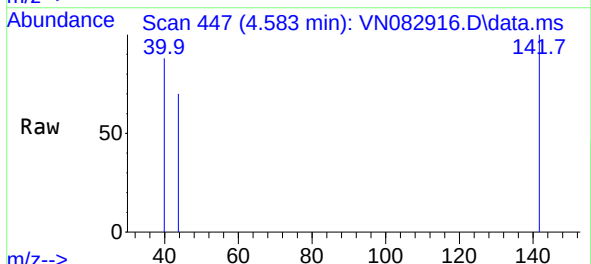


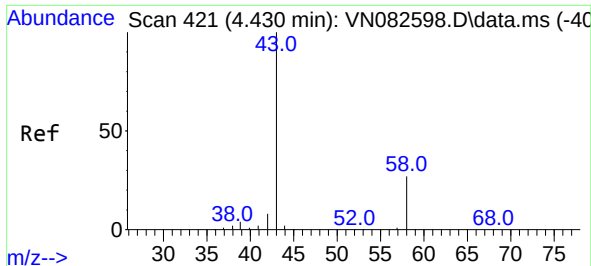
Tgt Ion: 94 Resp: 839
Ion Ratio Lower Upper
94 100
96 81.4 78.0 117.0



#10
Methyl Iodide
Concen: 0.394 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion: 142 Resp: 367
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#





#16

Acetone

Concen: 0.658 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

Instrument :

MSVOA_N

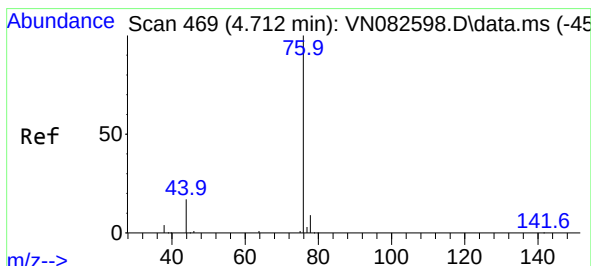
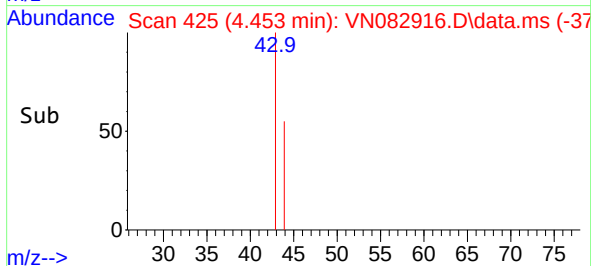
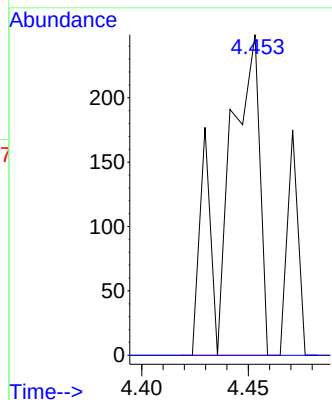
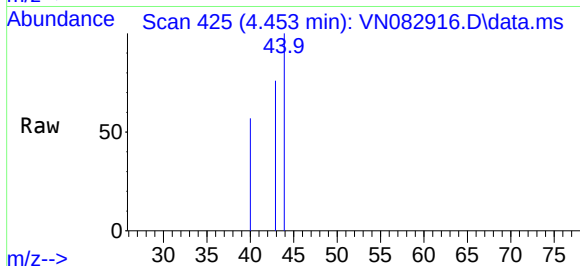
ClientSampleId :

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.764 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN082916.D

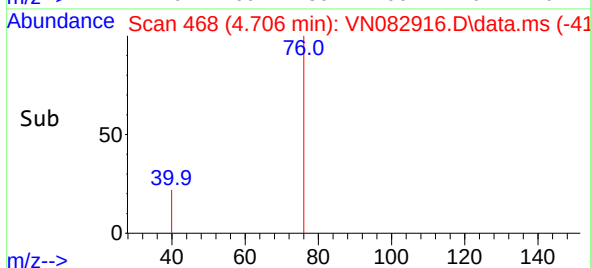
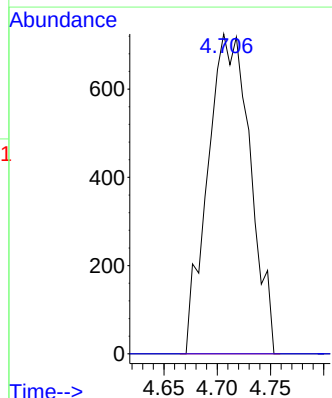
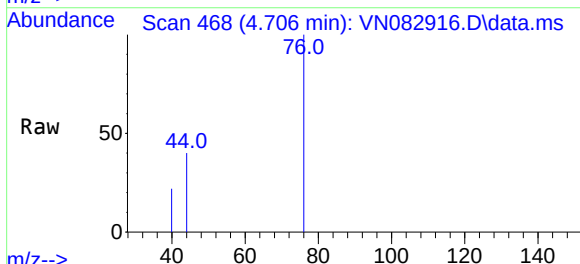
Acq: 15 Jul 2024 13:48

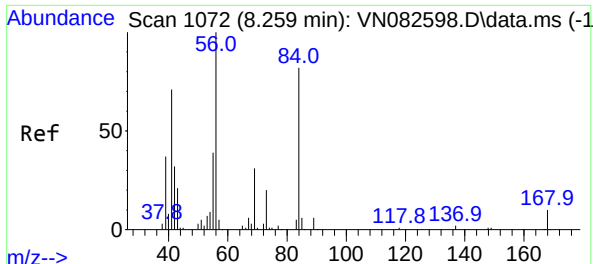
Tgt Ion: 76 Resp: 2017

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 1.496 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

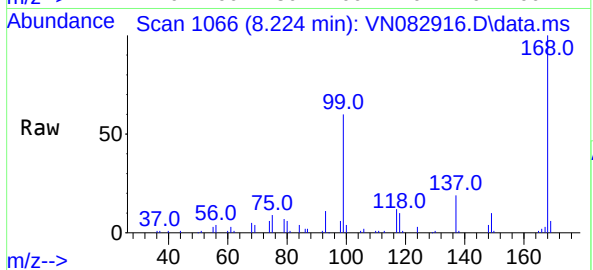
Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :



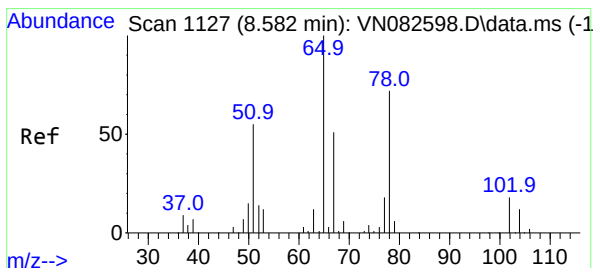
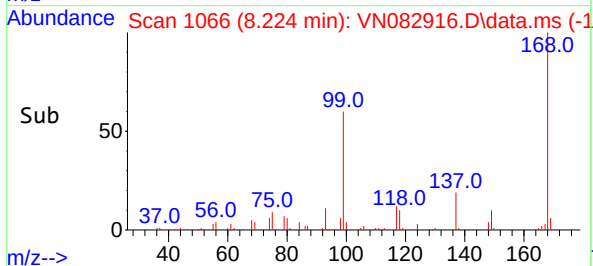
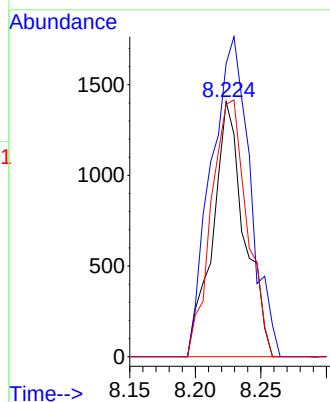
Tgt Ion: 56 Resp: 2373

Ion Ratio Lower Upper

56 100

69 114.9 24.5 36.7#

84 98.9 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 61.987 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082916.D

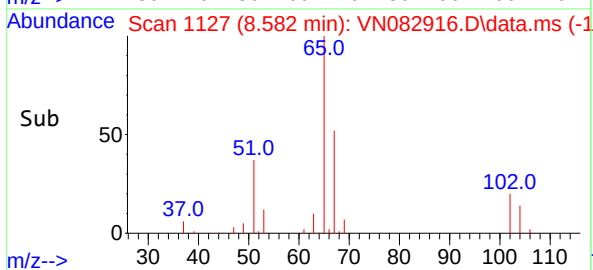
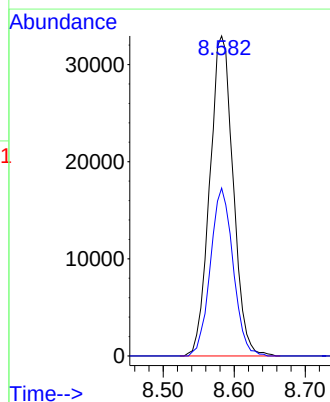
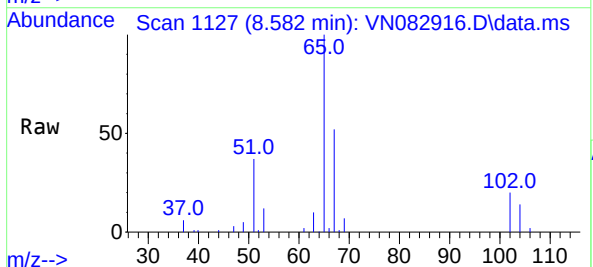
Acq: 15 Jul 2024 13:48

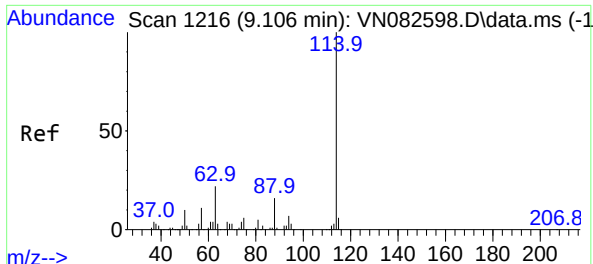
Tgt Ion: 65 Resp: 75189

Ion Ratio Lower Upper

65 100

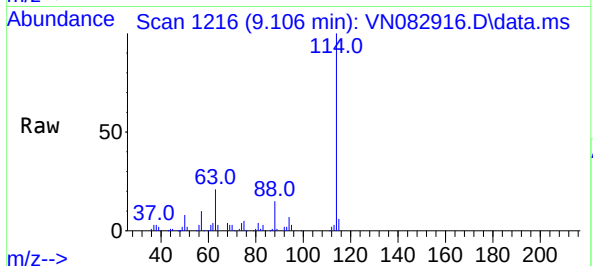
67 51.1 0.0 104.4



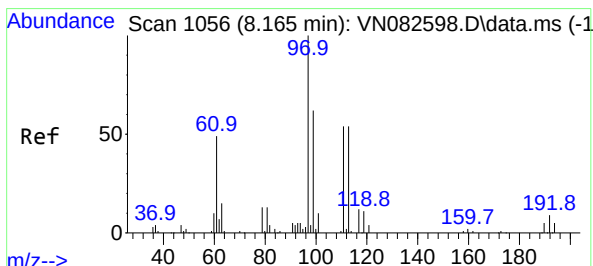
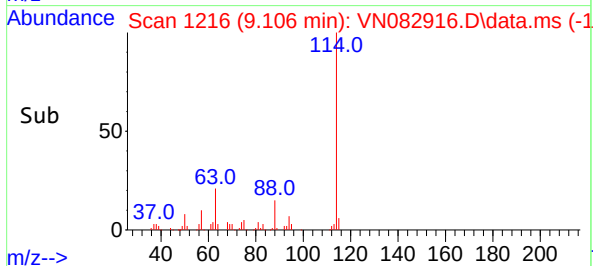
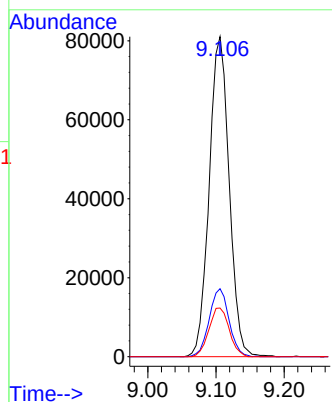


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

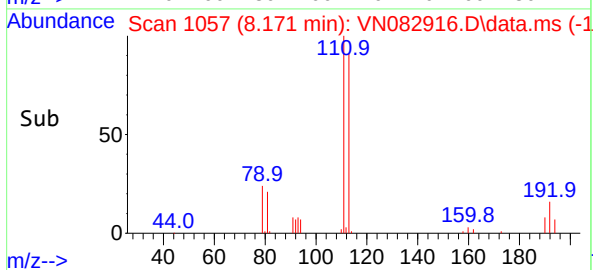
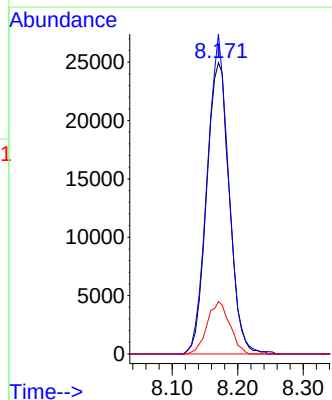
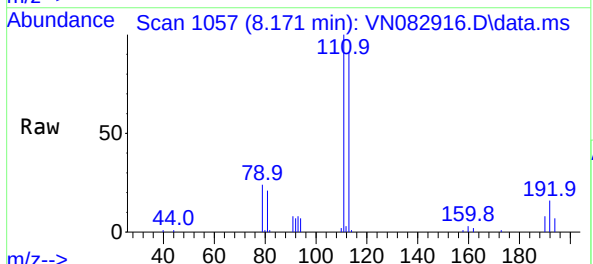


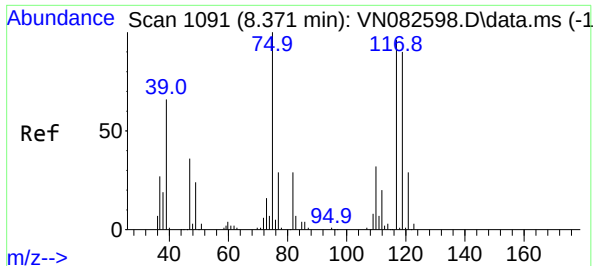
Tgt Ion:114 Resp: 165154
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.833 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion:113 Resp: 60229
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.349 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

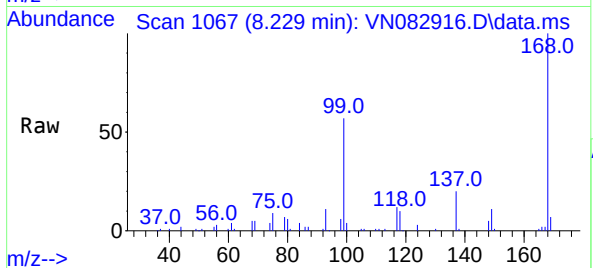
Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :



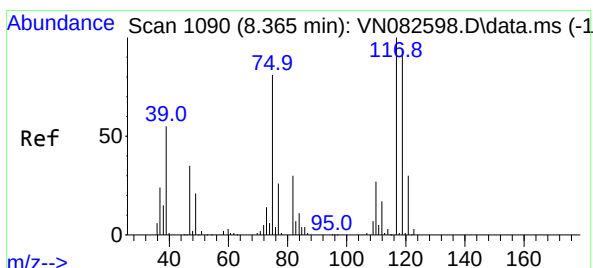
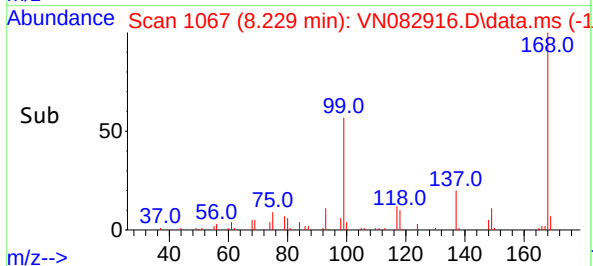
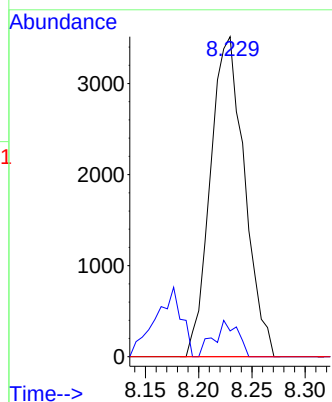
Tgt Ion: 75 Resp: 7815

Ion Ratio Lower Upper

75 100

110 7.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.394 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

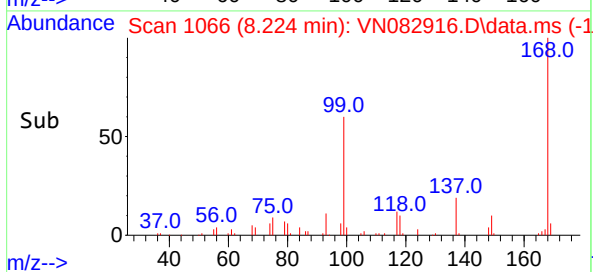
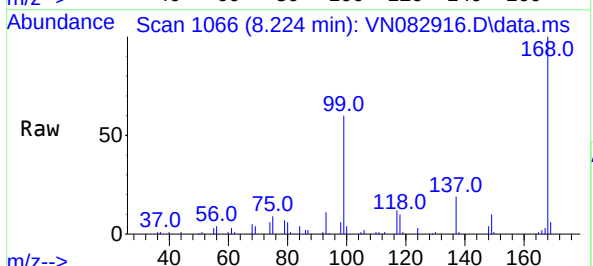
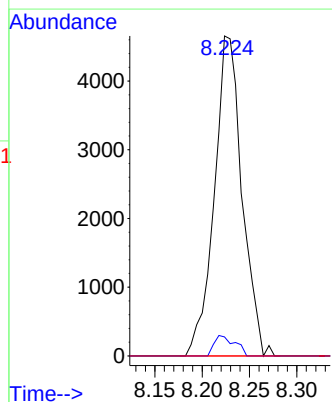
Tgt Ion: 117 Resp: 9489

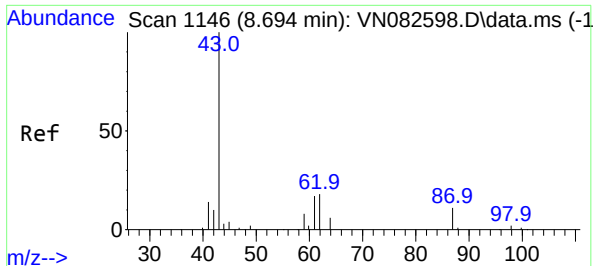
Ion Ratio Lower Upper

117 100

119 5.9 74.9 112.3#

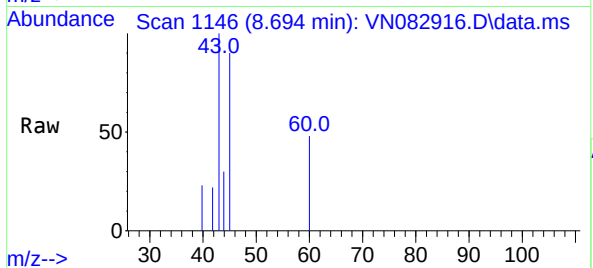
121 0.0 24.3 36.5#



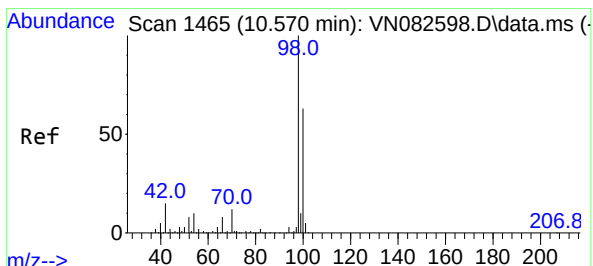
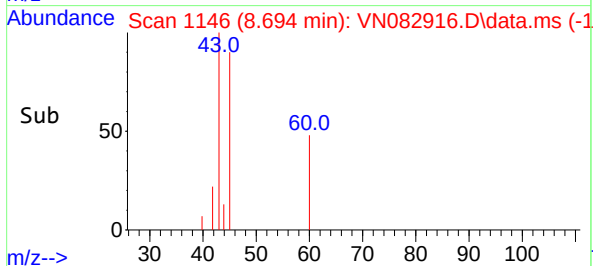
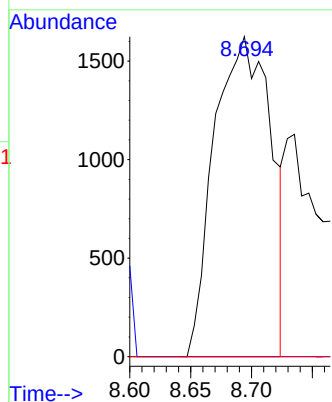


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

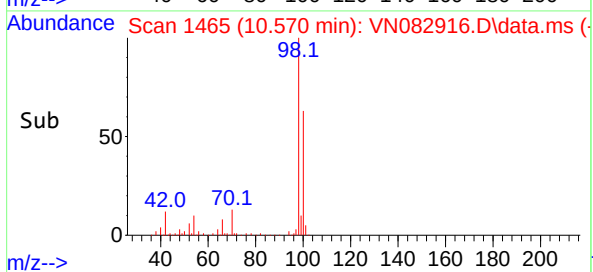
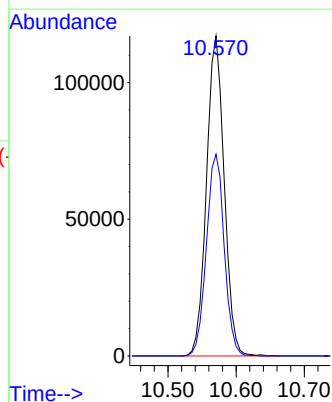
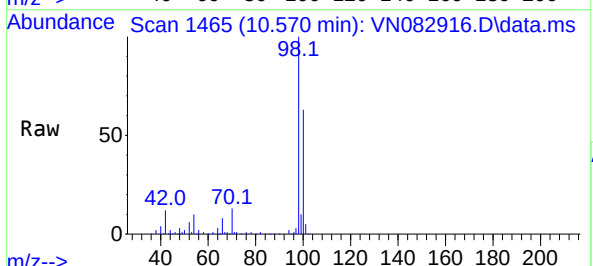


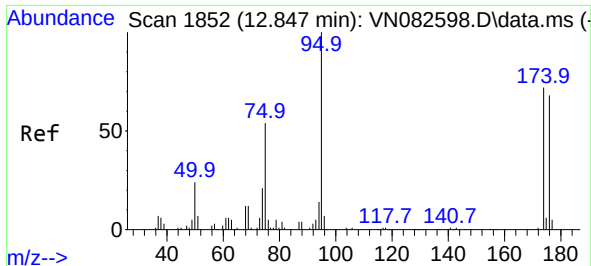
Tgt Ion: 43 Resp: 5259
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.010 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion: 98 Resp: 211406
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3

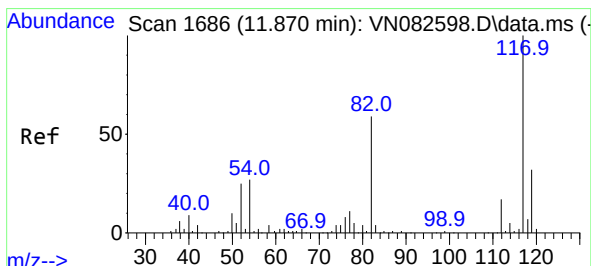
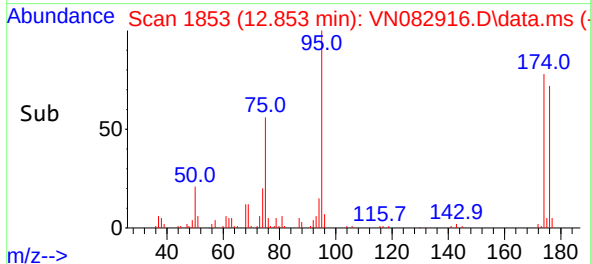
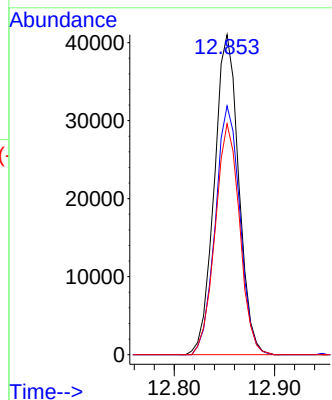
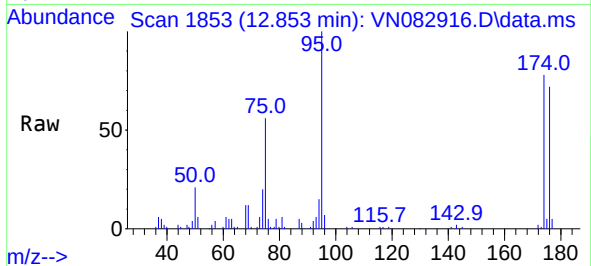




#62
4-Bromofluorobenzene
Concen: 49.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

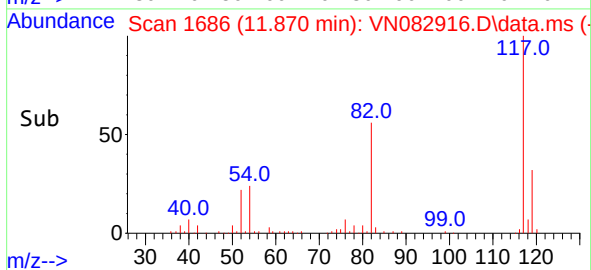
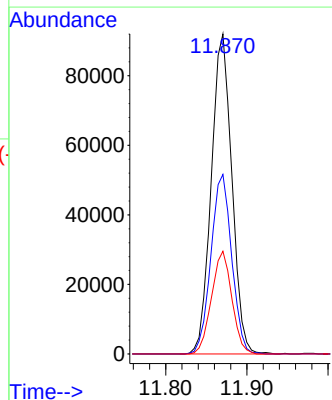
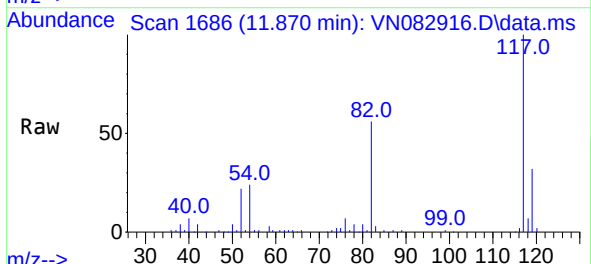
Instrument :
MSVOA_N
ClientSampleId :

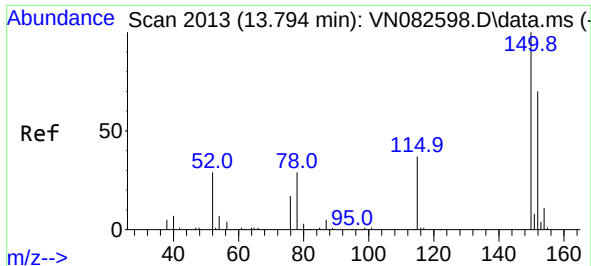
Tgt Ion: 95 Resp: 69342
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 72.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion: 117 Resp: 161775
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 32.1 25.6 38.4

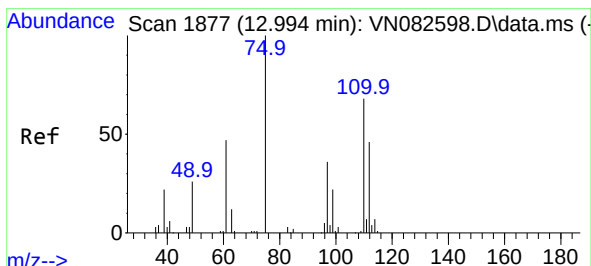
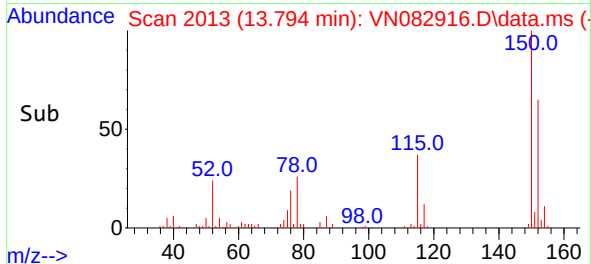
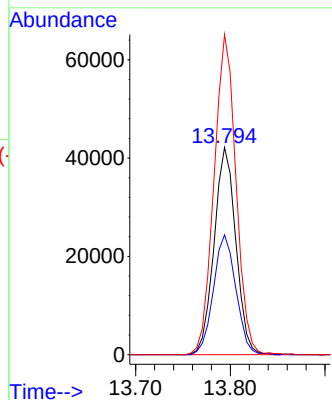
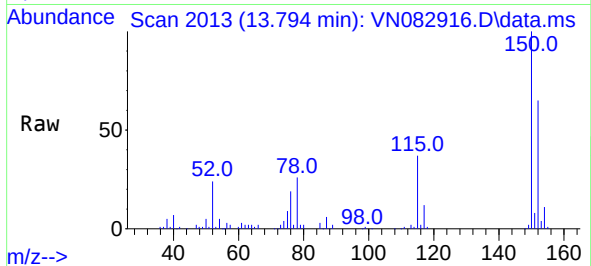




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

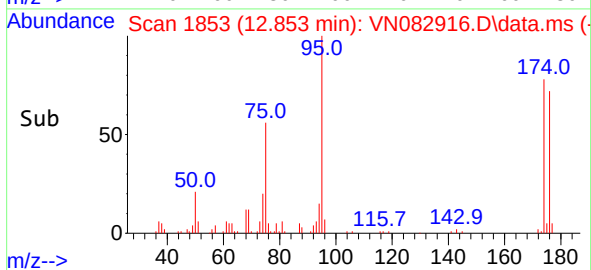
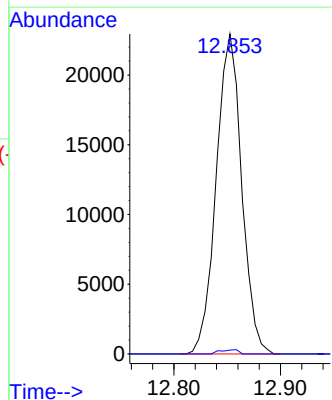
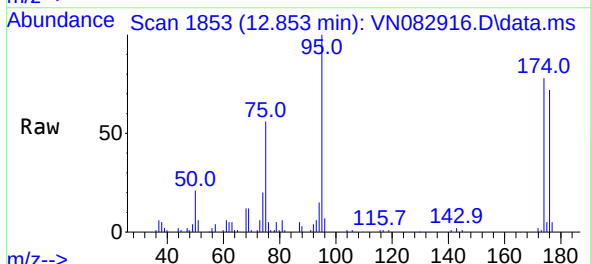
Instrument :
MSVOA_N
ClientSampleId :

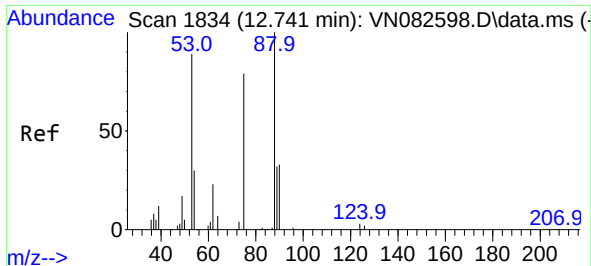
Tgt Ion:152 Resp: 67301
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 32.802 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

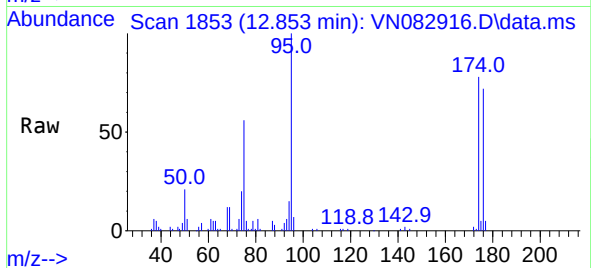
Tgt Ion: 75 Resp: 38060
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



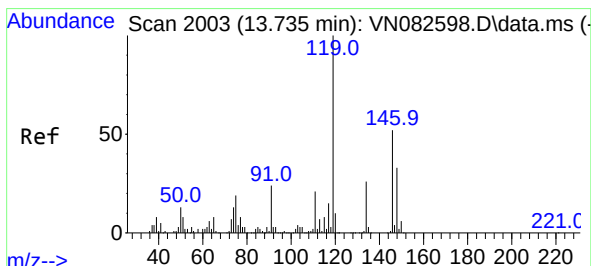
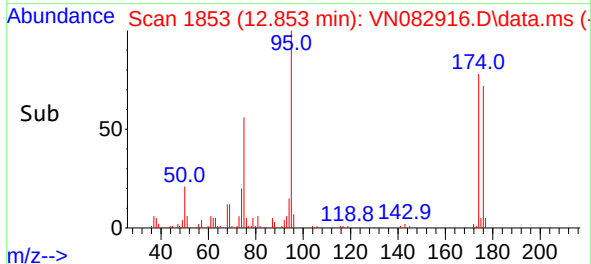
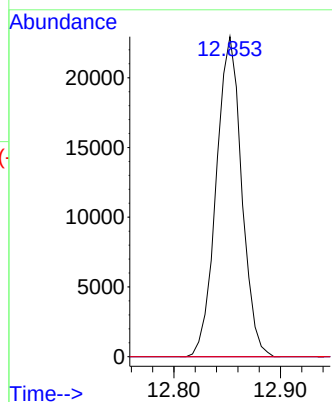


#81
trans-1,4-Dichloro-2-butene
Concen: 64.511 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

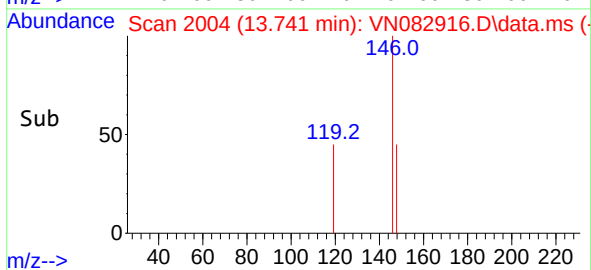
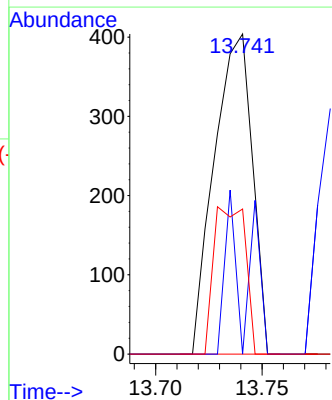
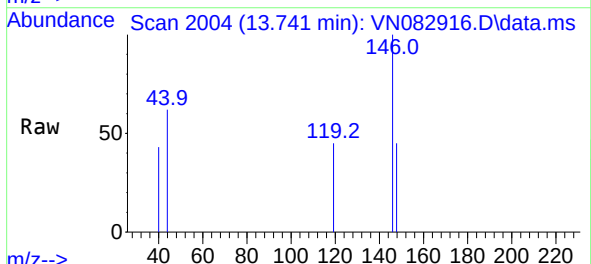


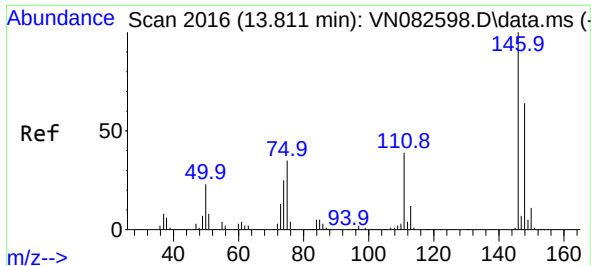
Tgt Ion: 75 Resp: 38060
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#87
1,3-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion:146 Resp: 502
Ion Ratio Lower Upper
146 100
111 28.3 20.6 61.9
148 38.0 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.213 ug/l

RT: 13.741 min Scan# 2016

Delta R.T. -0.070 min

Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

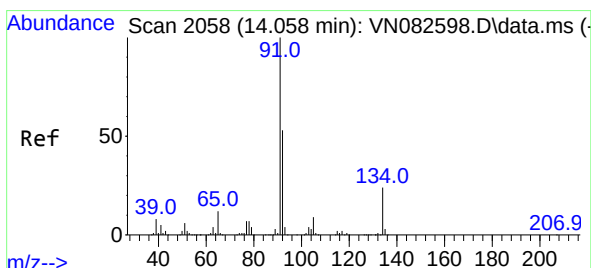
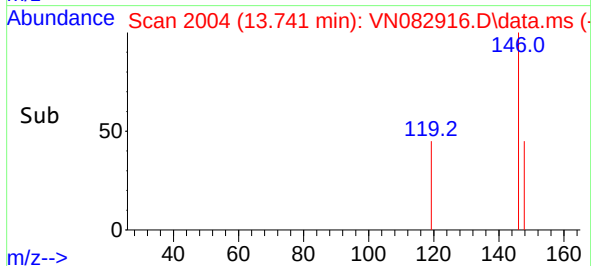
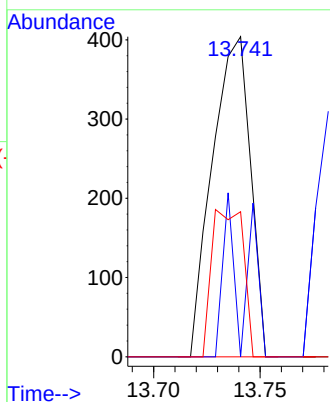
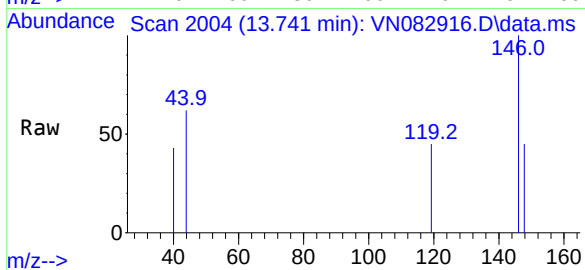
Tgt Ion:146 Resp: 502

Ion Ratio Lower Upper

146 100

111 28.3 20.1 60.3

148 38.0 32.2 96.6



#89

n-Butylbenzene

Concen: 0.361 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082916.D

Acq: 15 Jul 2024 13:48

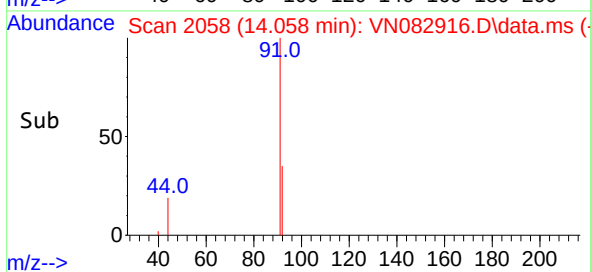
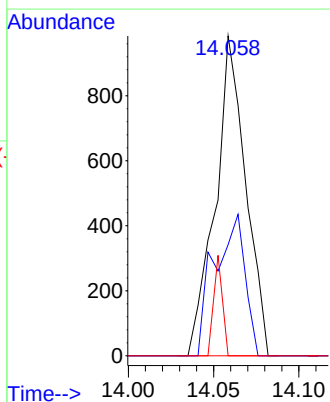
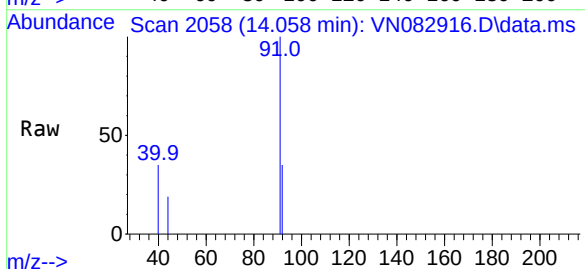
Tgt Ion: 91 Resp: 1221

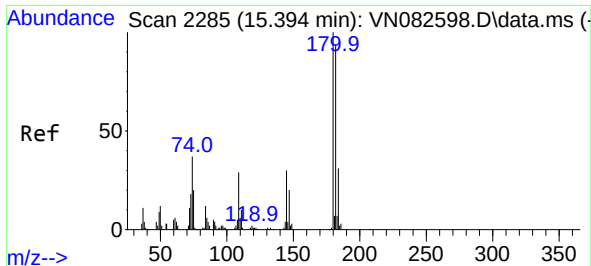
Ion Ratio Lower Upper

91 100

92 44.4 26.1 78.3

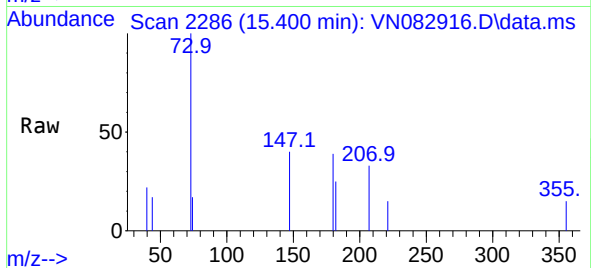
134 8.9 12.1 36.3#



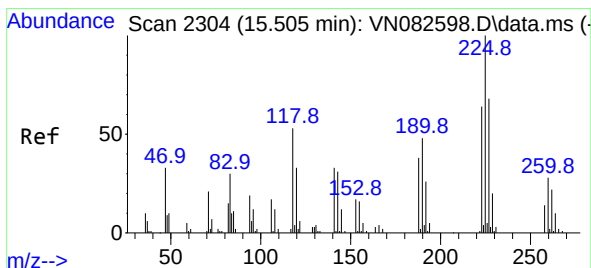
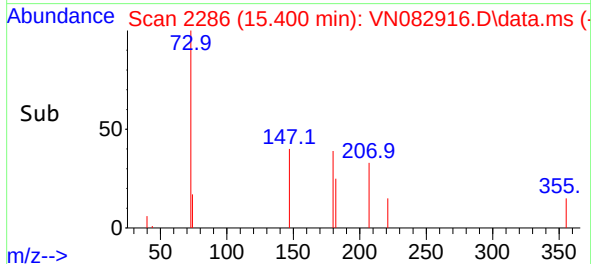
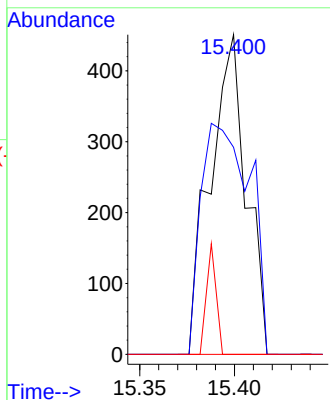


#93
1,2,4-Trichlorobenzene
Concen: 0.503 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

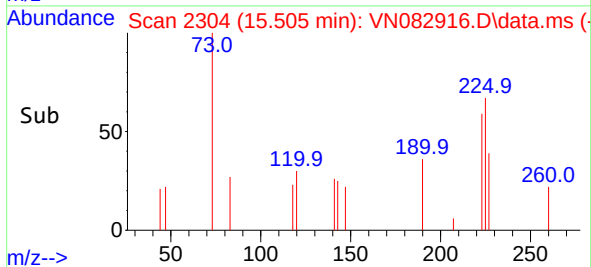
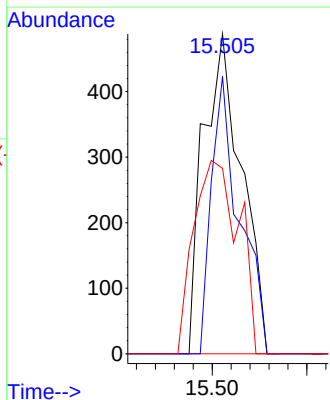
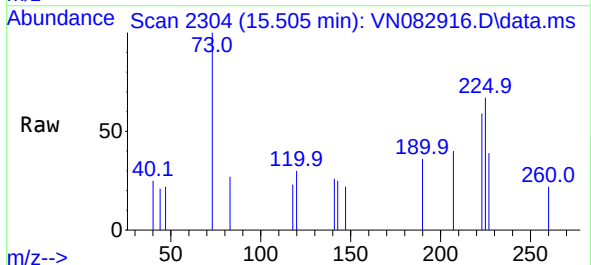


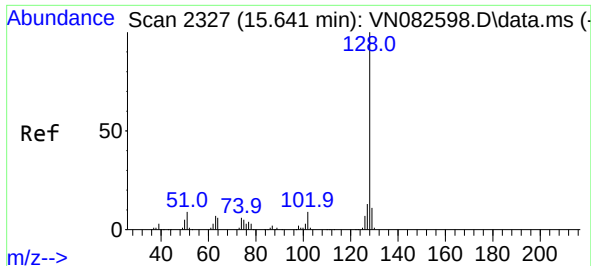
Tgt Ion:180 Resp: 600
Ion Ratio Lower Upper
180 100
182 97.7 47.3 141.8
145 9.2 15.7 47.1#



#94
Hexachlorobutadiene
Concen: 1.296 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

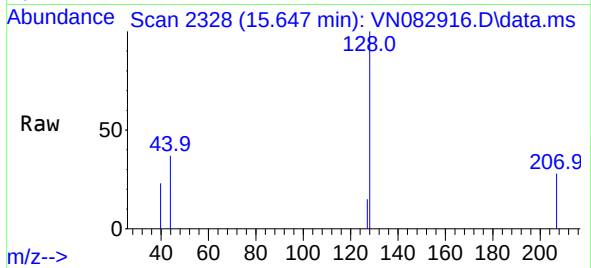
Tgt Ion:225 Resp: 685
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 70.9 32.5 97.5



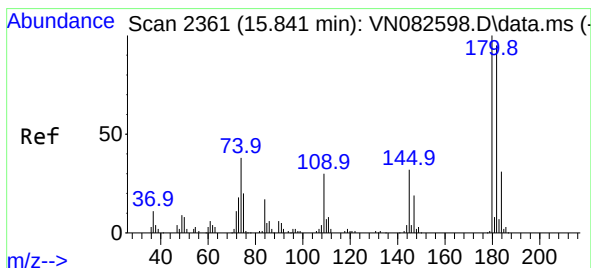
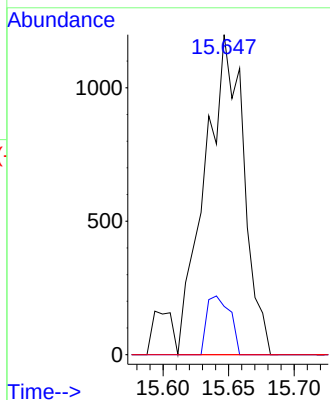
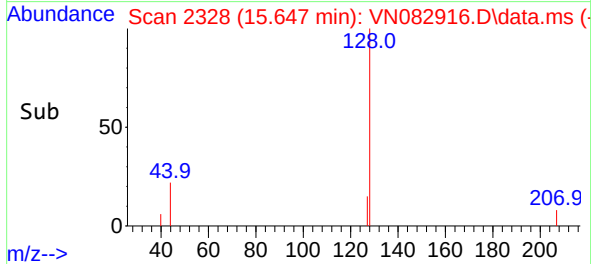


#95
Naphthalene
Concen: 0.602 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

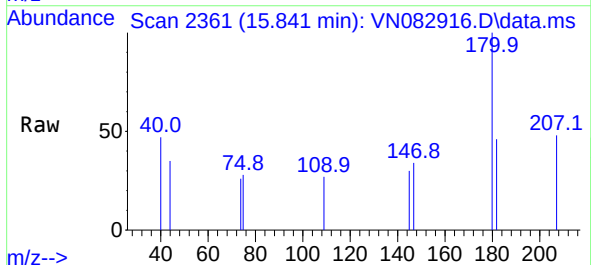
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2459
Ion Ratio Lower Upper
128 100
127 11.0 10.6 16.0
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.729 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48



Tgt Ion:180 Resp: 894
Ion Ratio Lower Upper
180 100
182 82.8 48.9 146.8
145 20.6 16.8 50.4

