

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073294.D
 Acq On : 01 Jul 2022 13:58
 Operator : JC\MD
 Sample : N3237-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jul 04 05:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

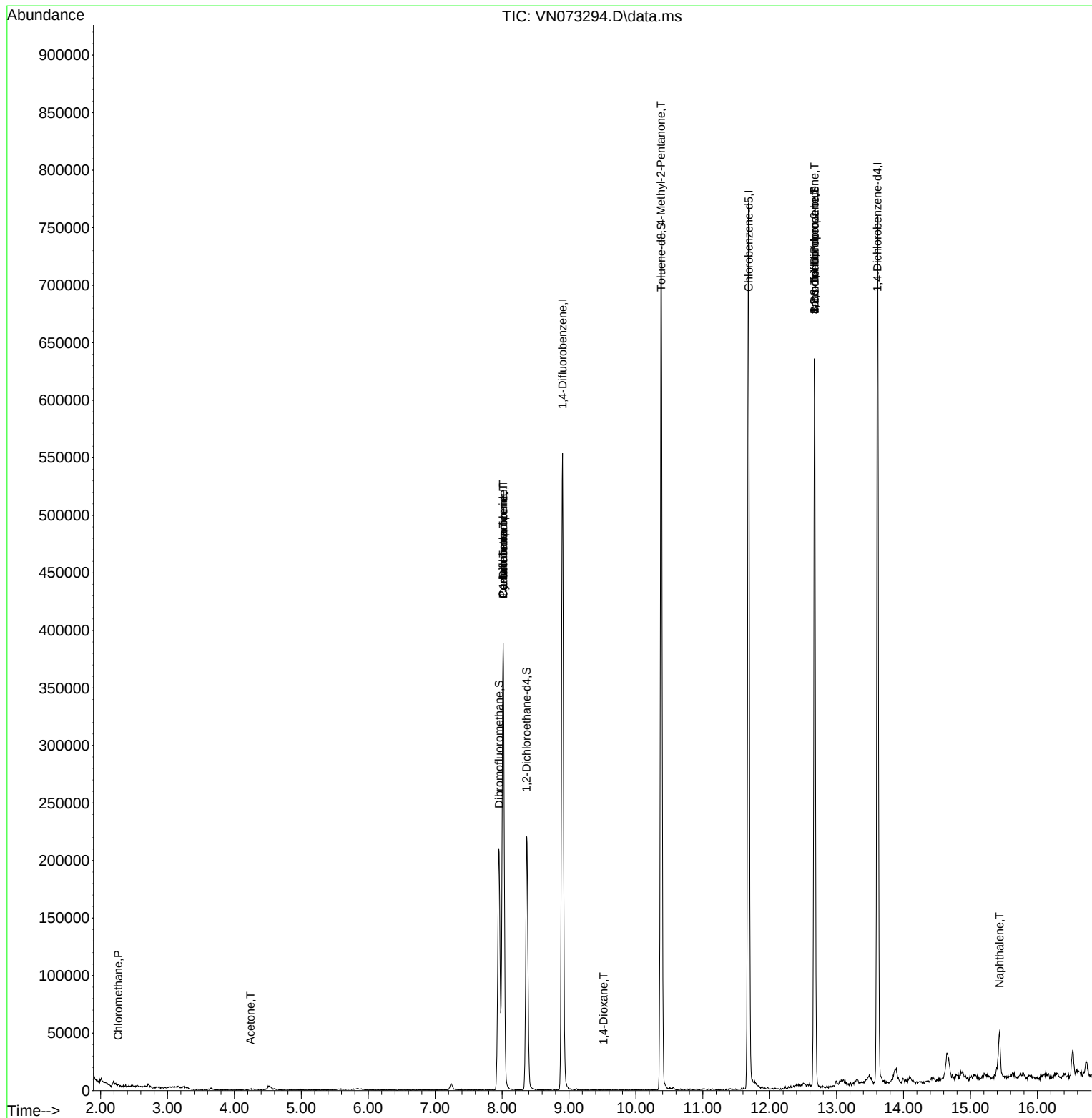
Internal Standards						
1) Pentafluorobenzene	8.016	168	296627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	488714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	441662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183499	42.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.700%
35) Dibromofluoromethane	7.957	113	157275	48.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	10.380	98	504559	43.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.668	95	219805	49.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1296	0.308	ug/l	92
16) Acetone	4.240	43	1455	0.605	ug/l	89
31) Cyclohexane	8.016	56	6787	0.968	ug/l #	28
36) 1,1-Dichloropropene	8.016	75	24155	4.828	ug/l #	48
38) Carbon Tetrachloride	8.016	117	29415	5.685	ug/l #	16
49) 1,4-Dioxane	9.516	88	157	1.644	ug/l #	25
51) 4-Methyl-2-Pentanone	10.374	43	2775	0.403	ug/l #	1
71) Bromoform	12.668	173	1740	0.647	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	114041	21.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	114041	57.896	ug/l #	10
95) Naphthalene	15.433	128	37355	2.346	ug/l #	93

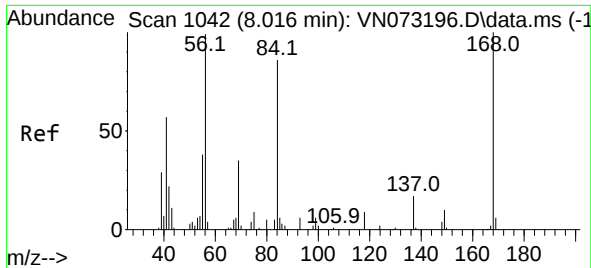
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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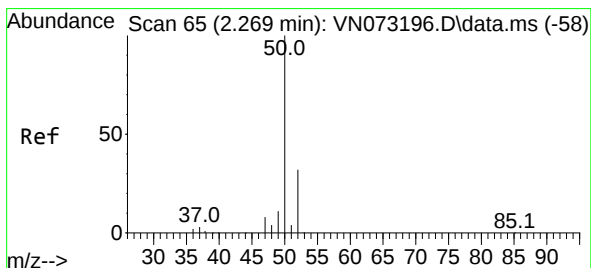
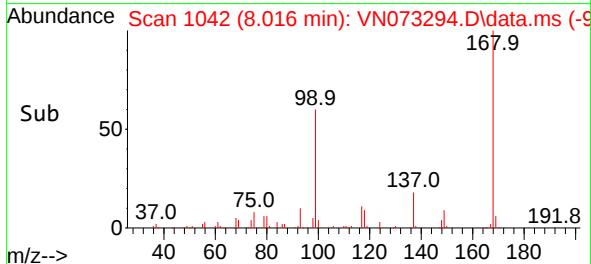
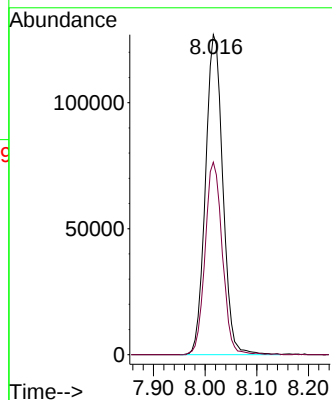
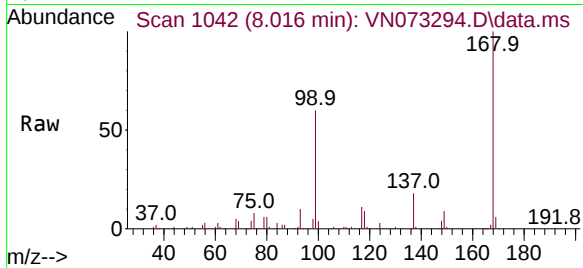




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

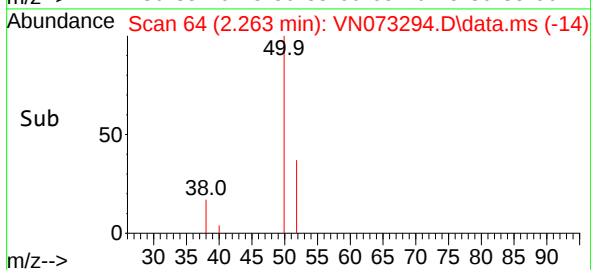
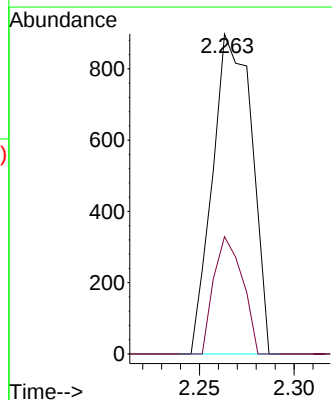
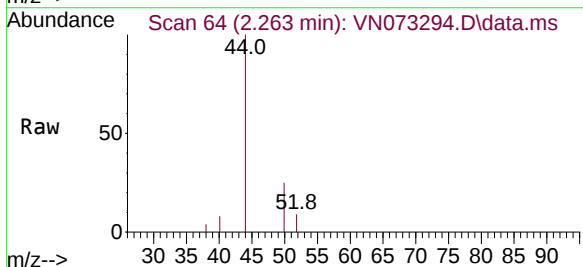
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 296627
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion: 50 Resp: 1296
Ion Ratio Lower Upper
50 100
52 36.6 25.7 38.5

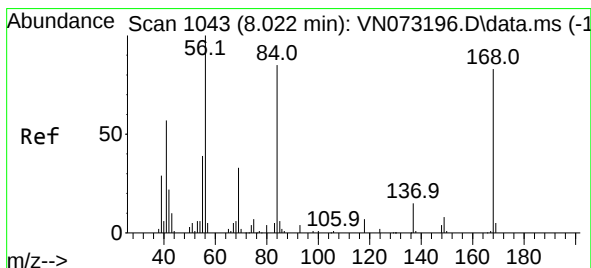
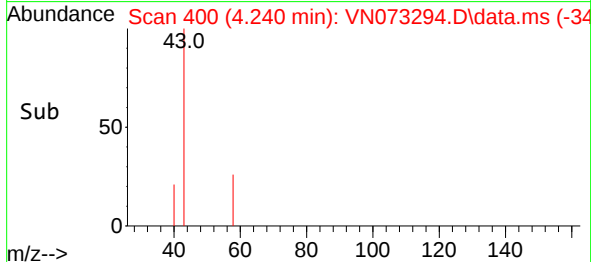
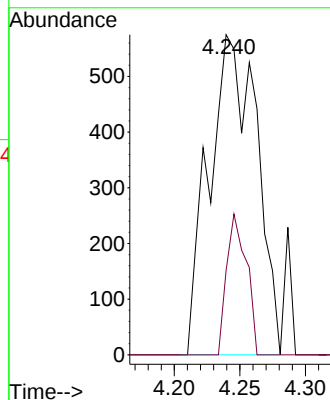
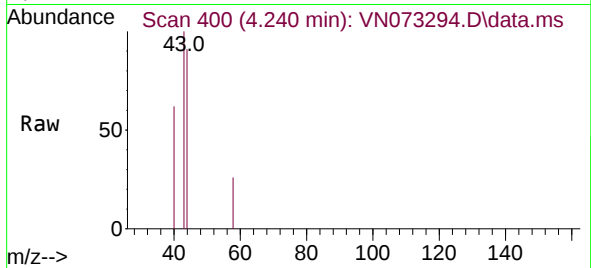




#16
Acetone
Concen: 0.605 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

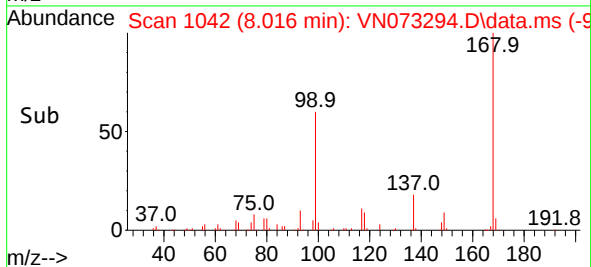
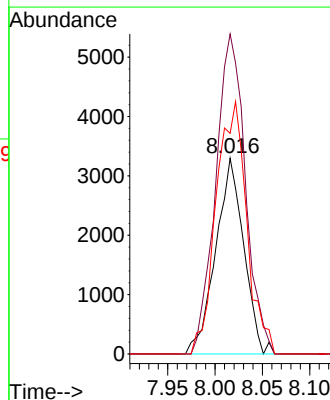
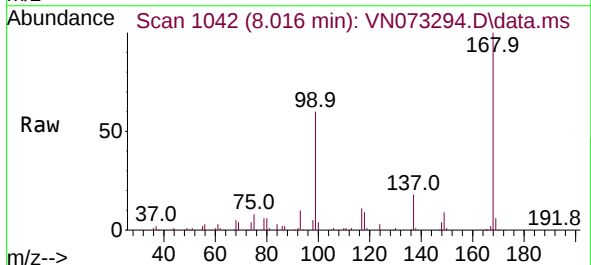
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion: 56 Resp: 6787
Ion Ratio Lower Upper
56 100
69 163.6 27.8 41.8#
84 112.8 76.9 115.3

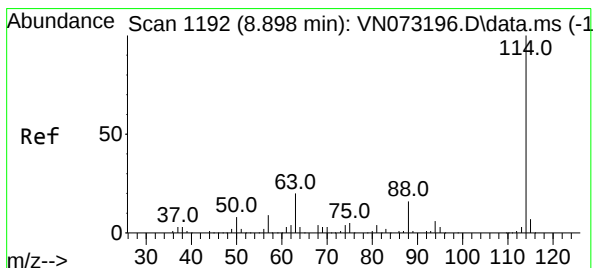
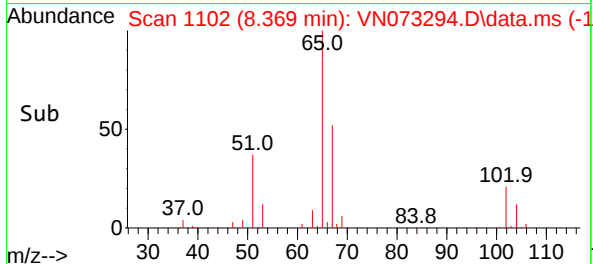
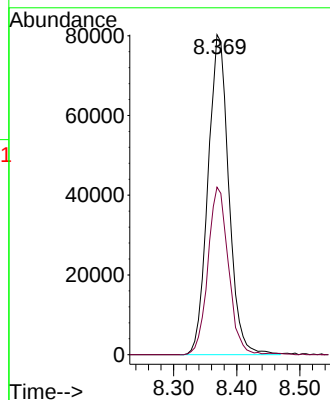
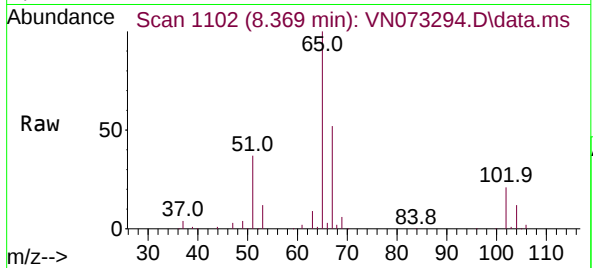




#33
 1,2-Dichloroethane-d4
 Concen: 42.852 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073294.D
 Acq: 01 Jul 2022 13:58

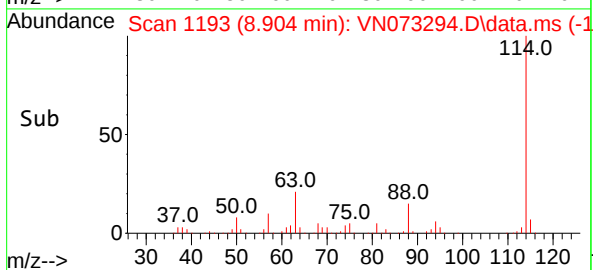
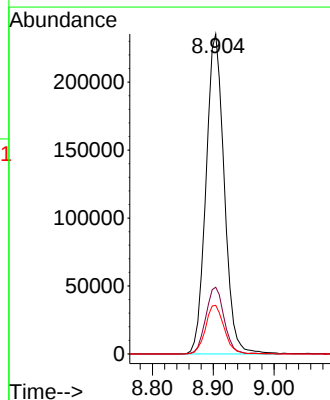
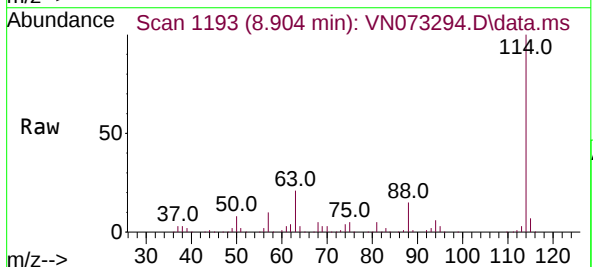
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion: 65 Resp: 183499
 Ion Ratio Lower Upper
 65 100
 67 51.6 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: VN073294.D
 Acq: 01 Jul 2022 13:58

Tgt Ion: 114 Resp: 488714
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073294.D

Acq: 01 Jul 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

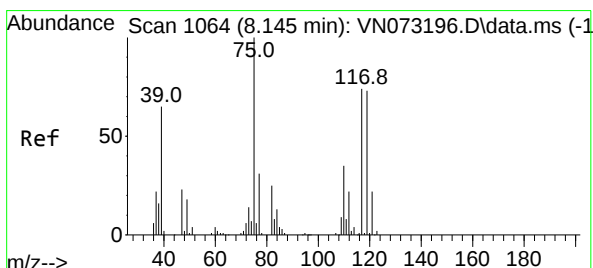
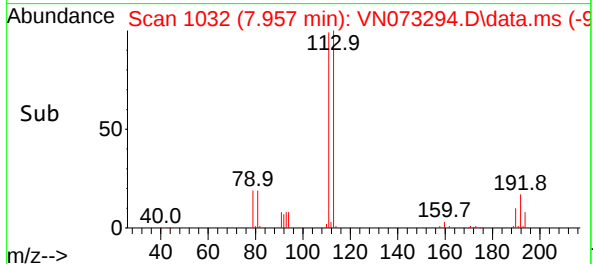
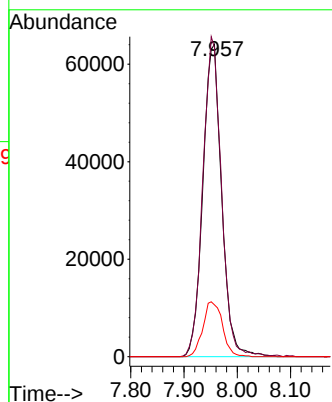
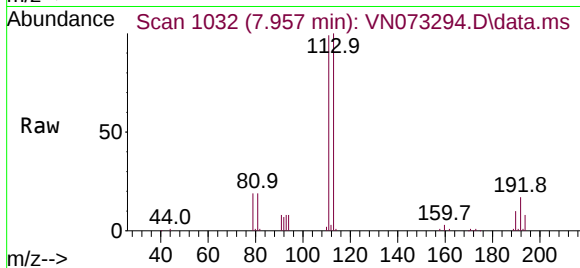
Tgt Ion:113 Resp: 157275

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 18.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073294.D

Acq: 01 Jul 2022 13:58

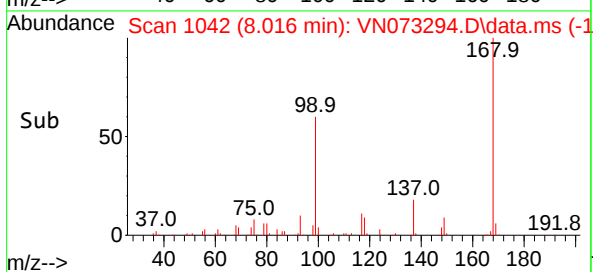
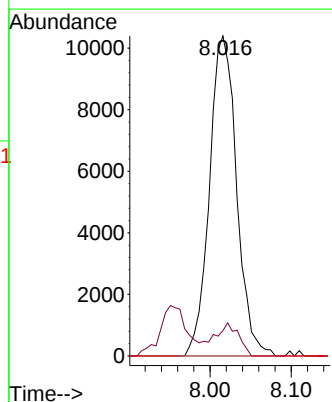
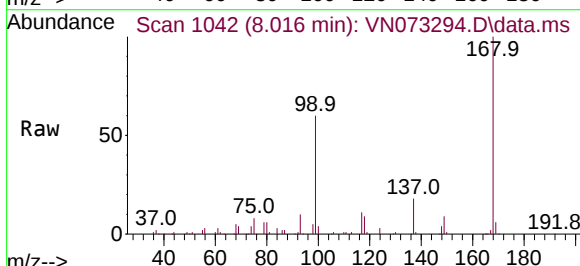
Tgt Ion: 75 Resp: 24155

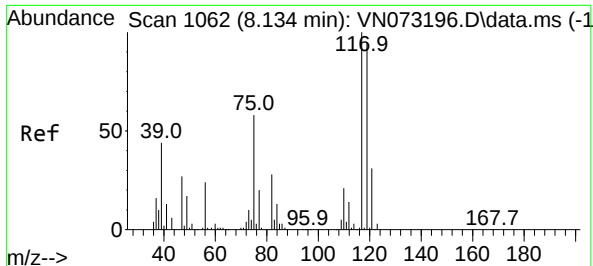
Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.8#

77 0.0 25.1 37.7#

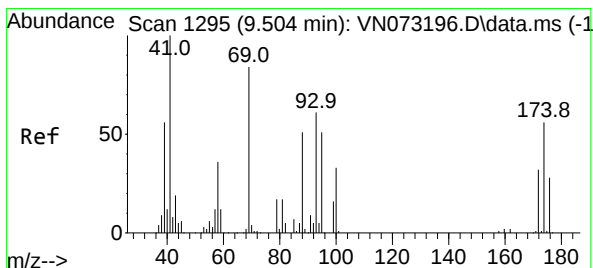
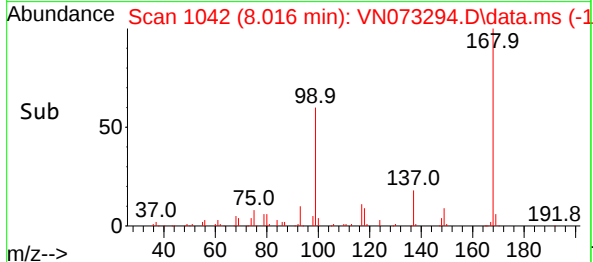
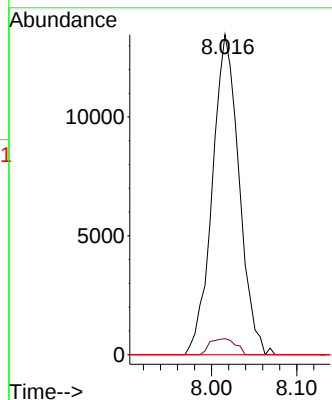
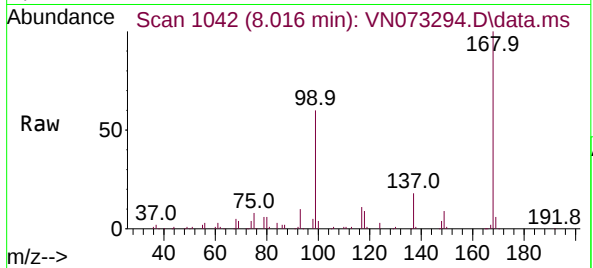




#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

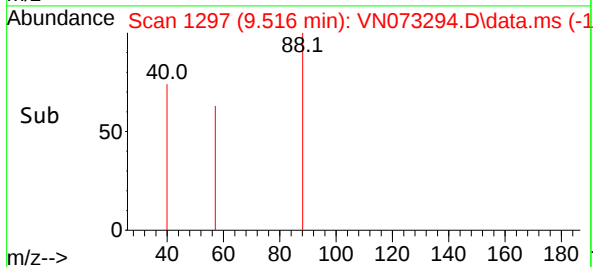
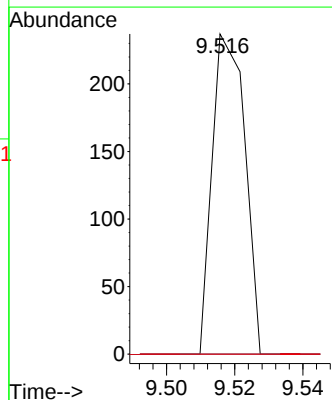
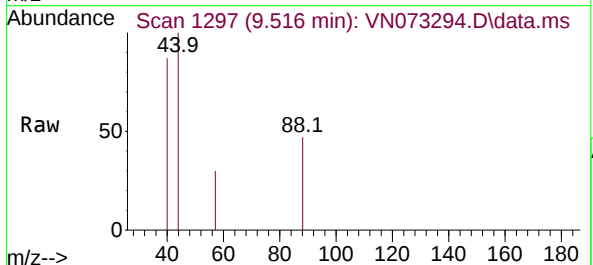
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

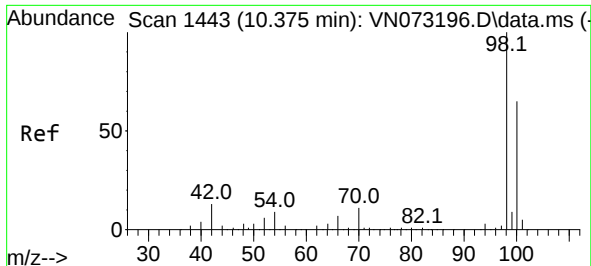
Tgt Ion:117 Resp: 29415
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.644 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion: 88 Resp: 157
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#

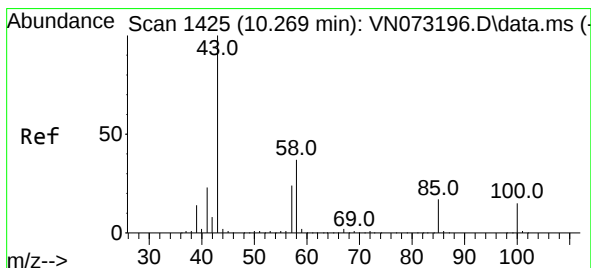
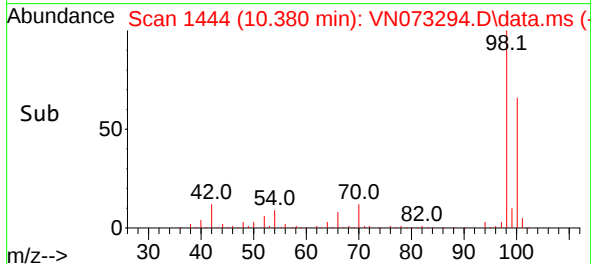
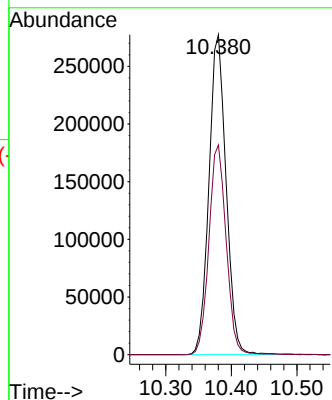
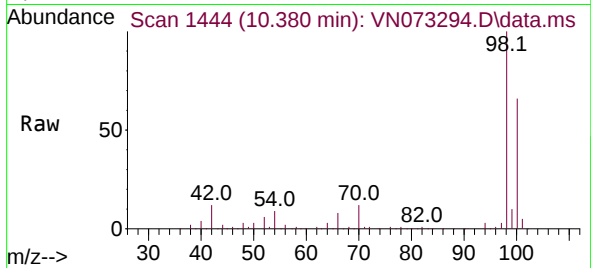




#50
Toluene-d8
Concen: 43.692 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

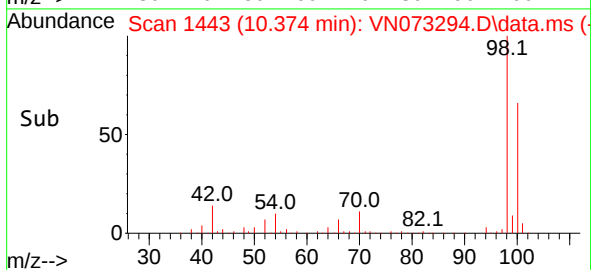
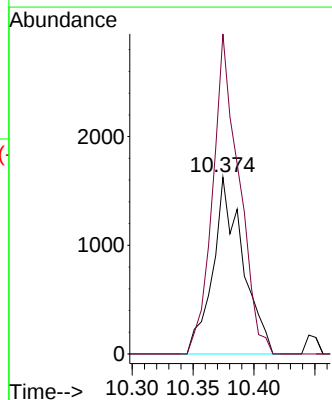
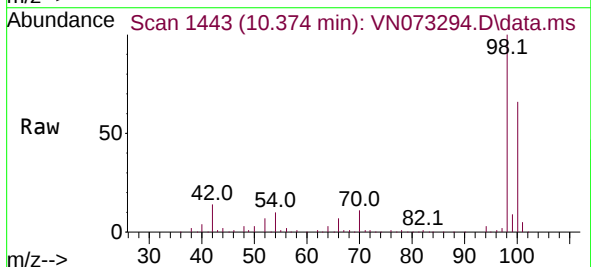
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MSVOA_N
ClientSampleId :
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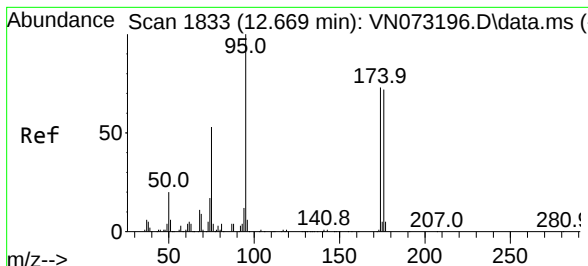
Tgt Ion: 98 Resp: 504559
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.105 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
58 160.2 34.1 51.1#

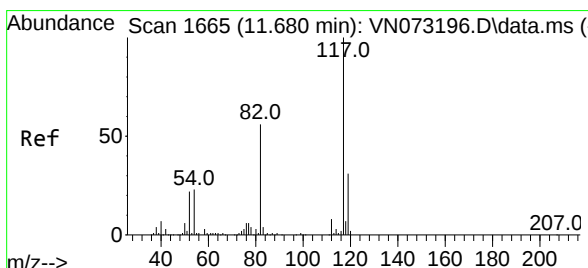
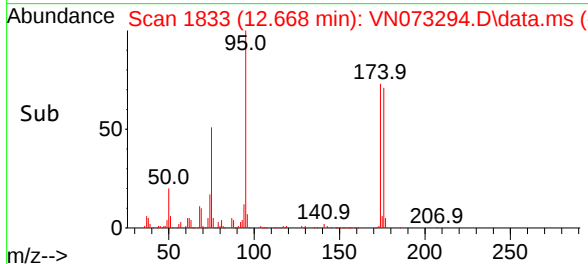
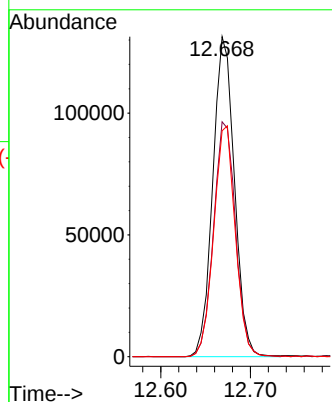
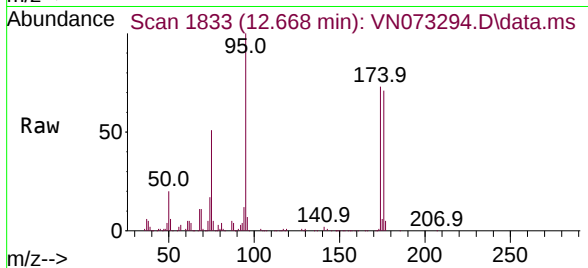




#62
4-Bromofluorobenzene
Concen: 49.529 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

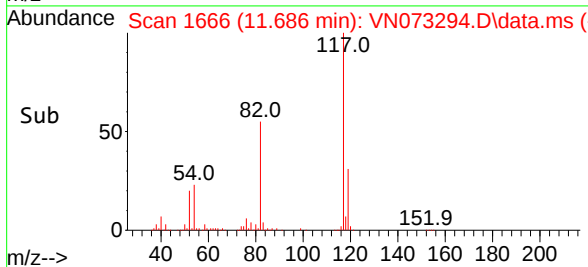
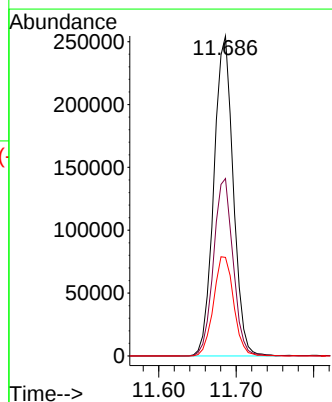
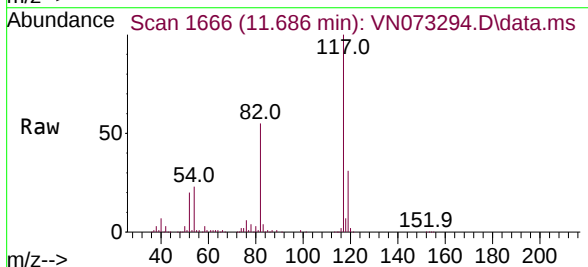
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

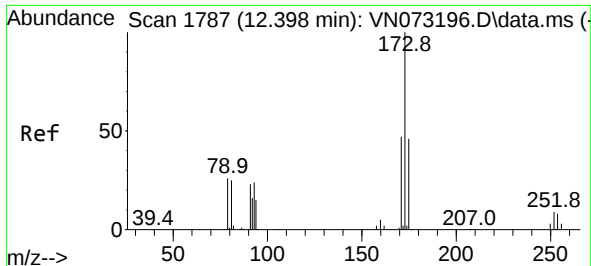
Tgt Ion: 95 Resp: 219805
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 72.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion: 117 Resp: 441662
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 30.8 25.4 38.0

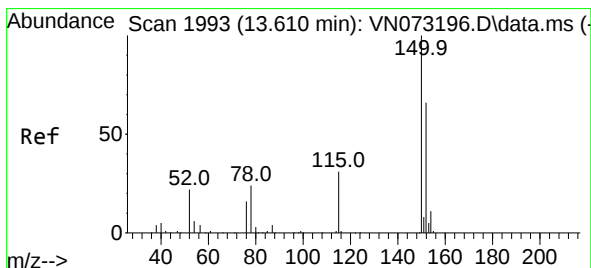
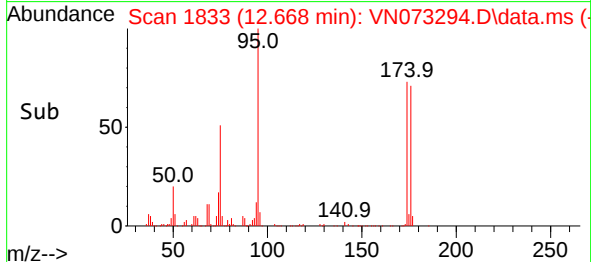
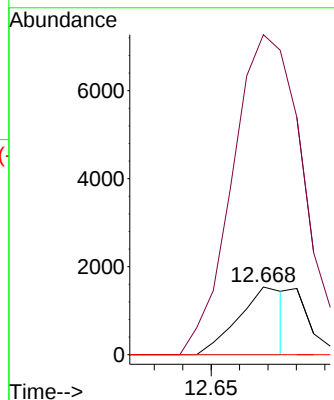
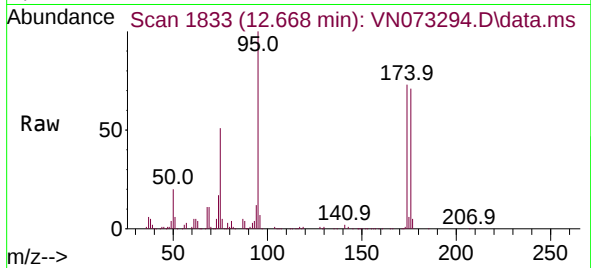




#71
Bromoform
Concen: 0.647 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

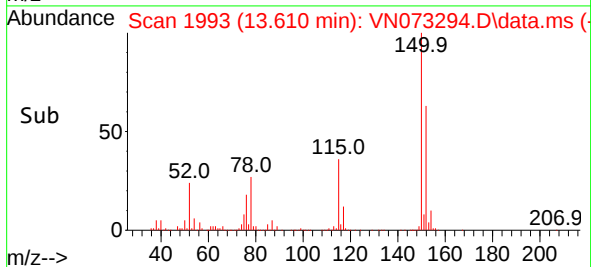
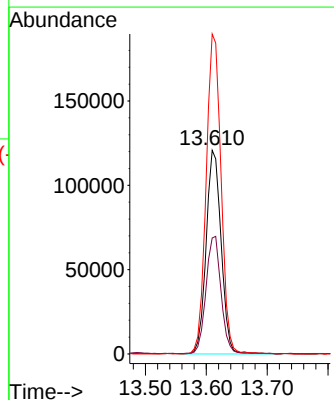
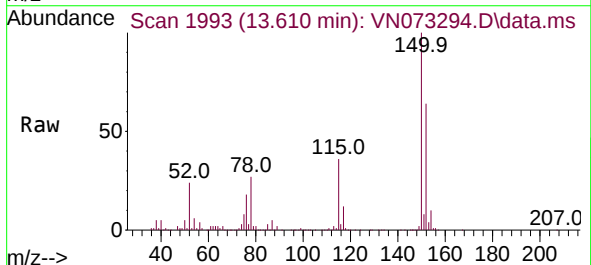
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

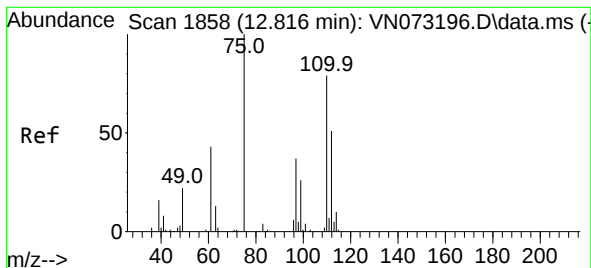
Tgt Ion:173 Resp: 1740
Ion Ratio Lower Upper
173 100
175 534.1 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073294.D
Acq: 01 Jul 2022 13:58

Tgt Ion:152 Resp: 206593
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 156.4 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 21.111 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.148 min

Lab File: VN073294.D

Acq: 01 Jul 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

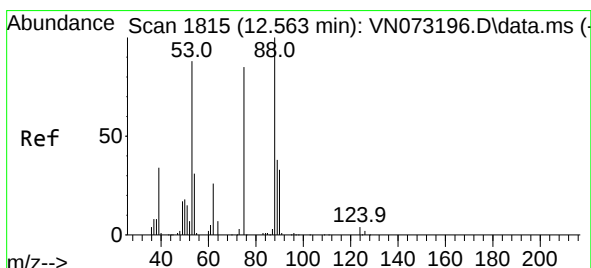
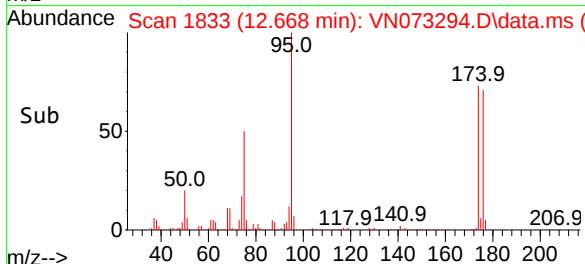
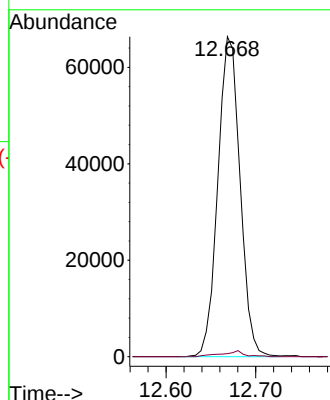
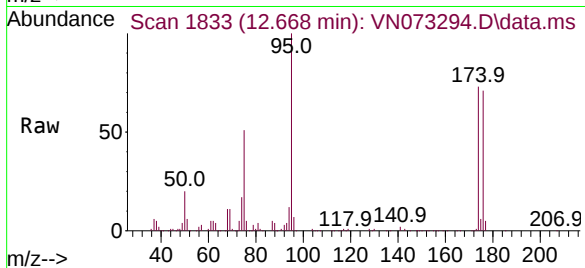
VIBLK

Tgt Ion: 75 Resp: 114041

Ion Ratio Lower Upper

75 100

77 1.9 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.896 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073294.D

Acq: 01 Jul 2022 13:58

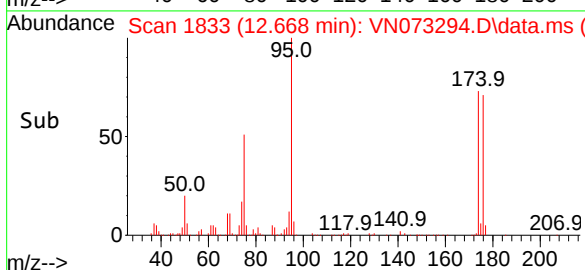
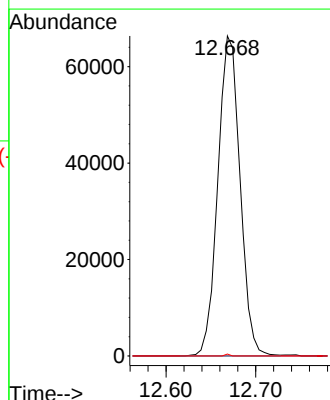
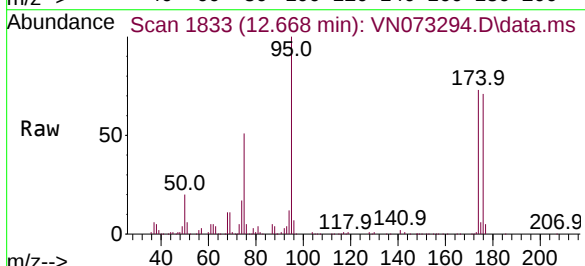
Tgt Ion: 75 Resp: 114041

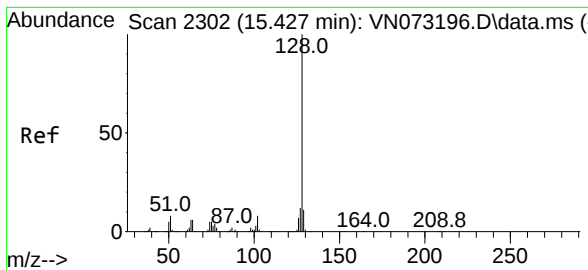
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#





#95
 Naphthalene
 Concen: 2.346 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073294.D
 Acq: 01 Jul 2022 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion:128 Resp: 37355
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.3 15.5
 129 14.5 8.6 13.0#

