

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073636.D
 Acq On : 29 Jul 2022 15:45
 Operator : JC\MD
 Sample : N3969-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHAMBERS-STREET-A3-9065X-MH

Quant Time: Aug 01 03:38:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

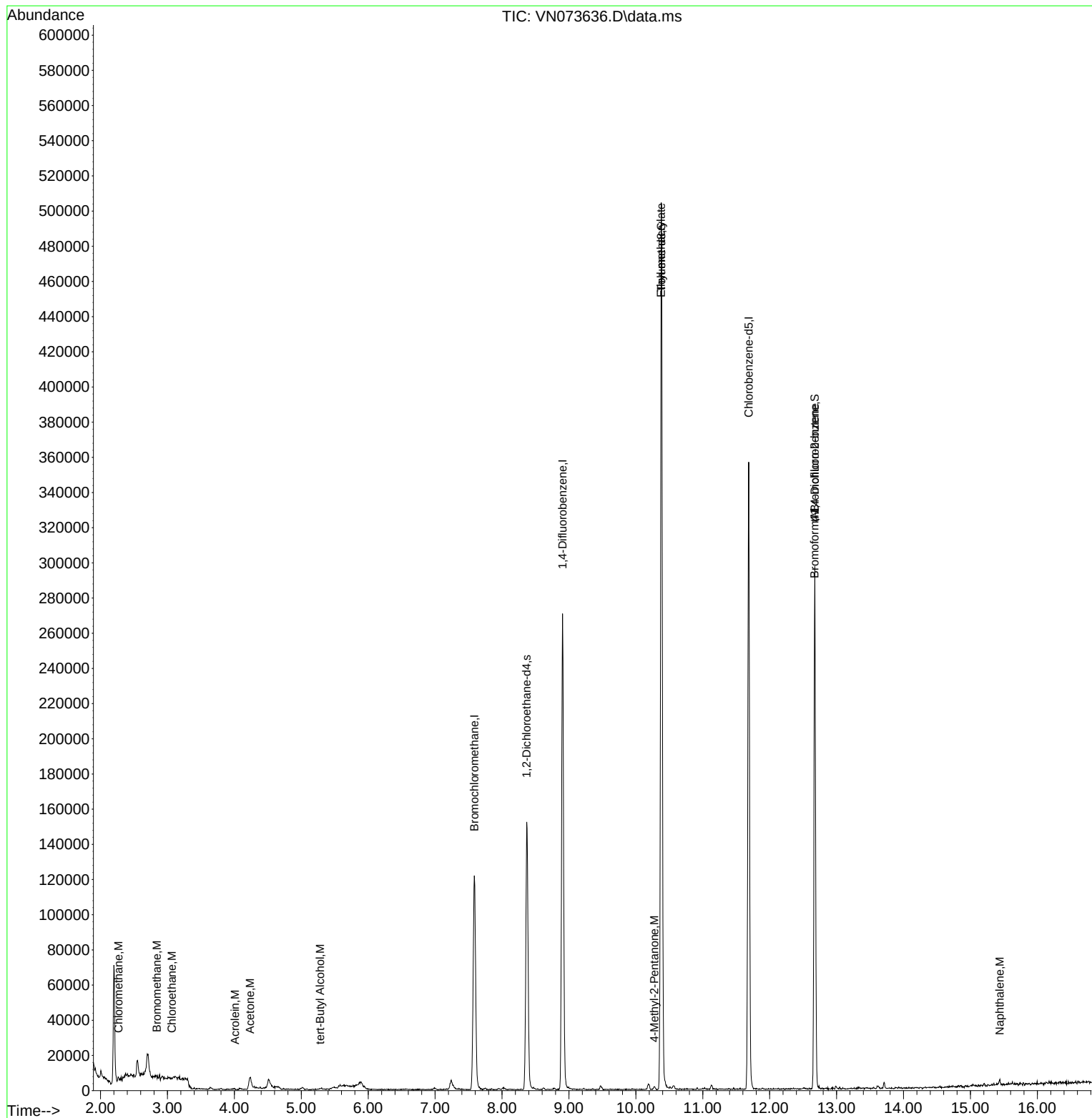
Internal Standards						
1) Bromochloromethane	7.587	128	46736	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	242625	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	214801	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	126308	31.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.200%
60) 4-Bromofluorobenzene	12.674	95	95283	25.052	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.500%
63) Toluene-d8	10.381	98	364438	30.131	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1077	0.256	ug/l	90
5) Bromomethane	2.840	94	1101	0.420	ug/l	92
6) Chloroethane	3.063	64	723	0.207	ug/l	97
13) Acrolein	4.010	56	230	0.263	ug/l	94
15) Acetone	4.234	58	4212	6.602	ug/l #	64
23) tert-Butyl Alcohol	5.281	59	699	0.862	ug/l #	100
51) Ethyl methacrylate	10.375	69	1200	0.212	ug/l	82
56) Bromoform	12.669	173	947	0.316	ug/l #	1
58) 4-Methyl-2-Pentanone	10.275	43	1443	0.260	ug/l #	64
77) t-1,4-Dichloro-2-butene	12.674	75	48035	28.958	ug/l #	8
91) Naphthalene	15.439	128	3188	0.248	ug/l #	83

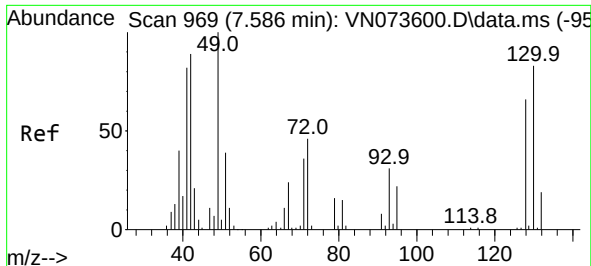
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHAMBERS-STREET-A3-9065X-MH

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
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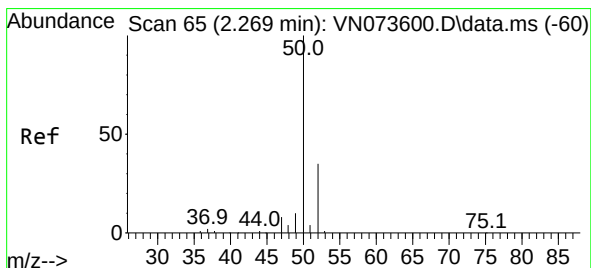
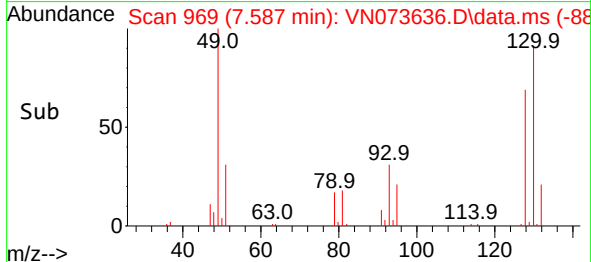
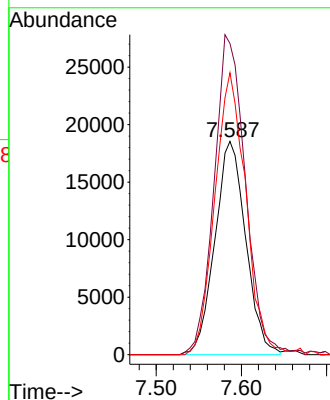
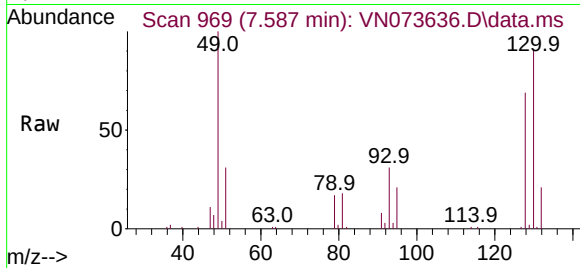




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

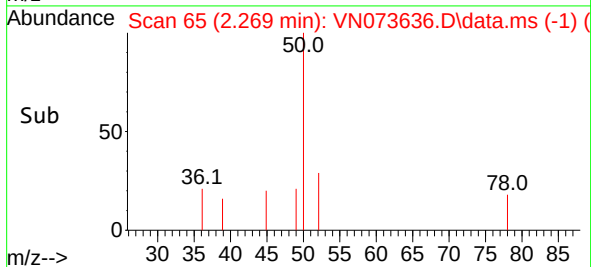
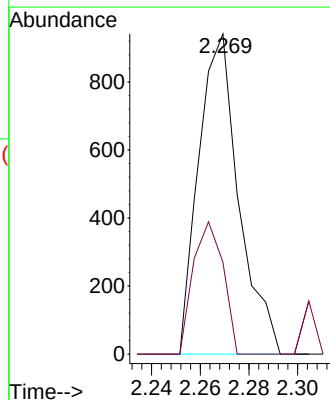
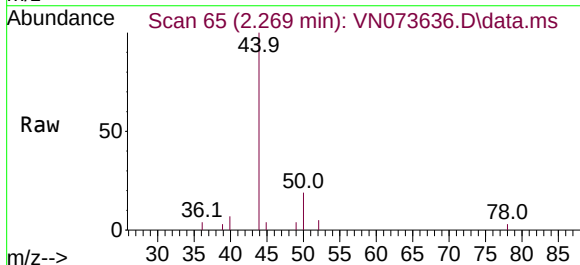
Instrument :
MSVOA_N
ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH

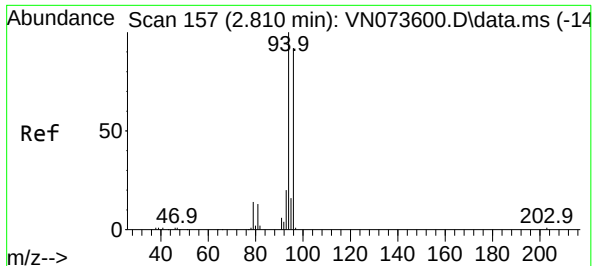
Tgt Ion:128 Resp: 46736
Ion Ratio Lower Upper
128 100
49 151.6 0.0 392.3
130 132.5 0.0 320.2



#3
Chloromethane
Concen: 0.256 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 50 Resp: 1077
Ion Ratio Lower Upper
50 100
52 28.7 27.8 41.6

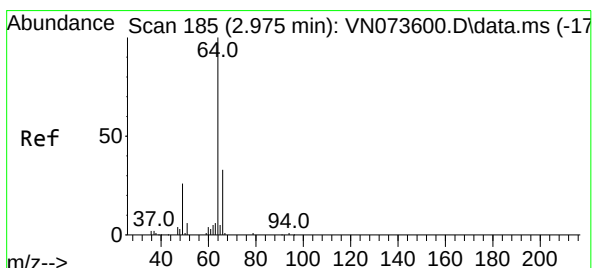
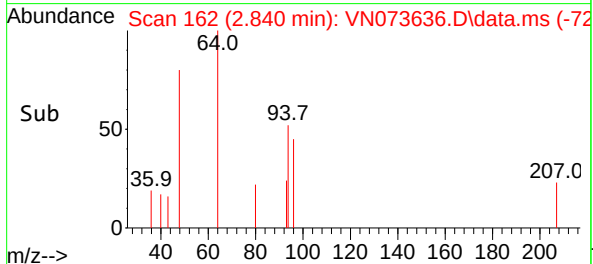
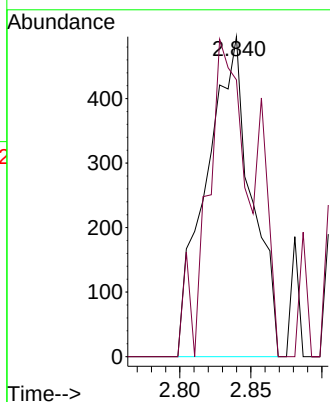
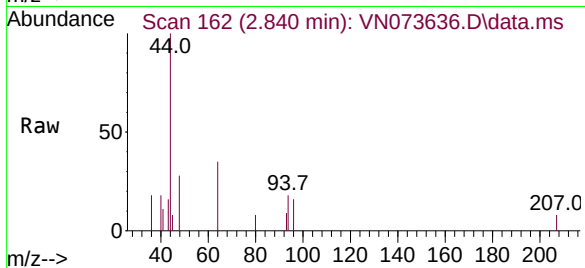




#5
Bromomethane
Concen: 0.420 ug/l
RT: 2.840 min Scan# 110
Delta R.T. 0.030 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

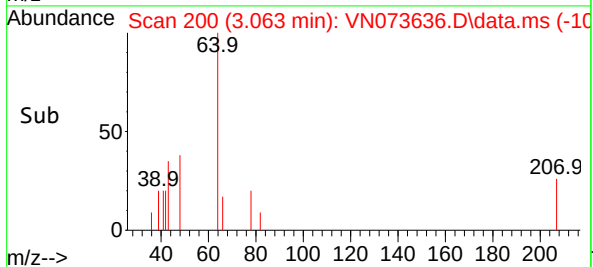
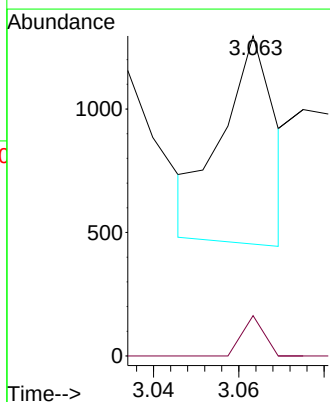
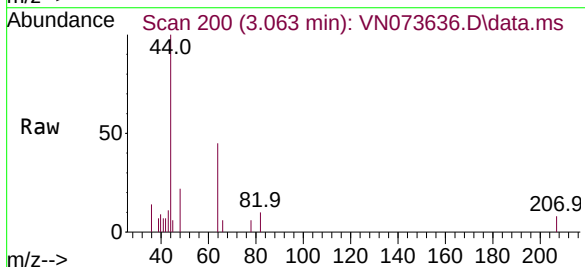
Instrument :
MSVOA_N
ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH

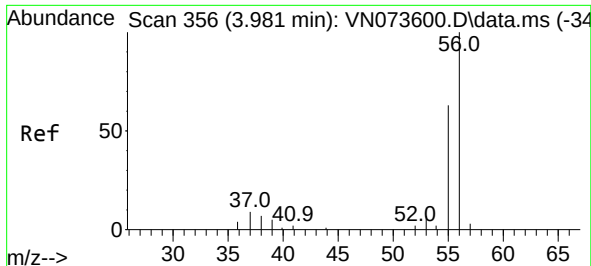
Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
96 86.5 75.2 112.8



#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.063 min Scan# 200
Delta R.T. 0.088 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 64 Resp: 723
Ion Ratio Lower Upper
64 100
66 29.1 24.6 36.8

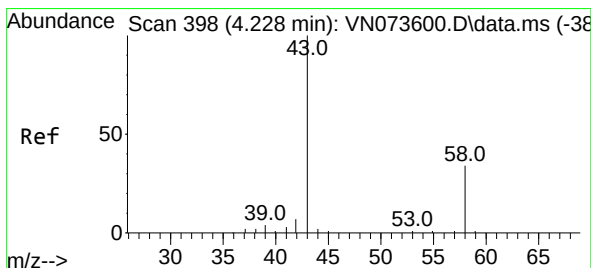
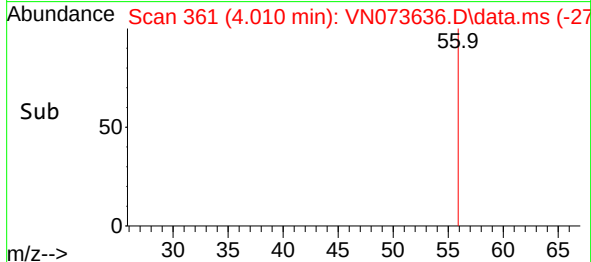
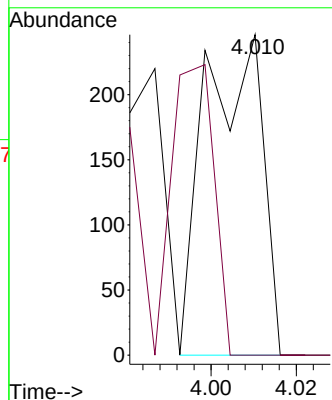
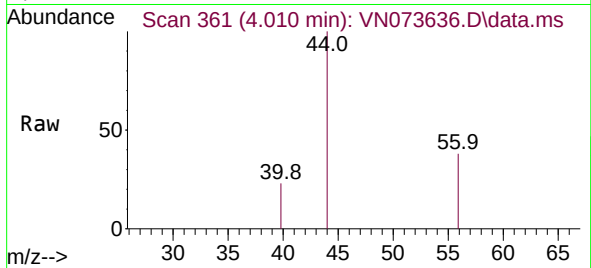




#13
Acrolein
Concen: 0.263 ug/l
RT: 4.010 min Scan# 30
Delta R.T. 0.030 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

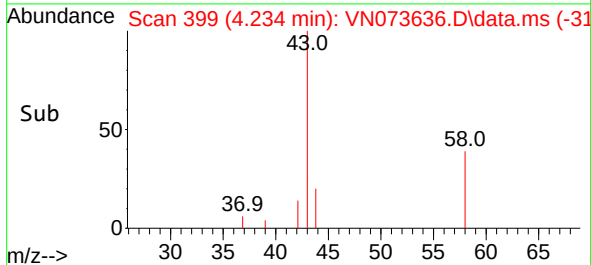
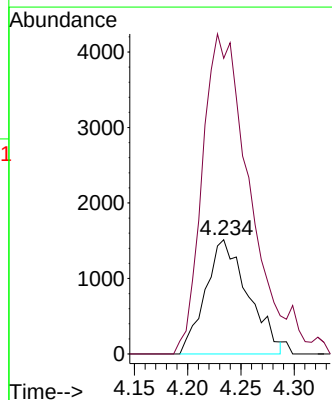
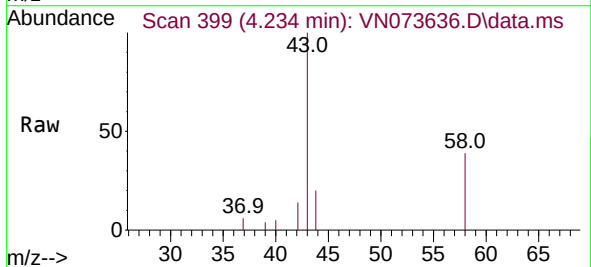
Instrument :
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ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH

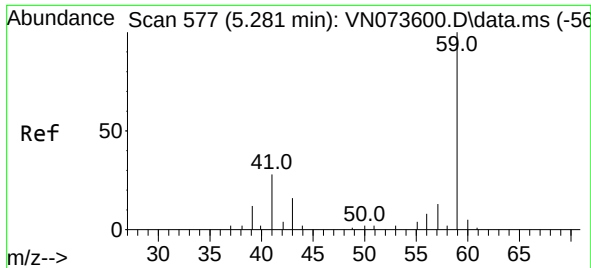
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 67.4 57.6 86.4



#15
Acetone
Concen: 6.602 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 58 Resp: 4212
Ion Ratio Lower Upper
58 100
43 247.4 256.6 384.8#

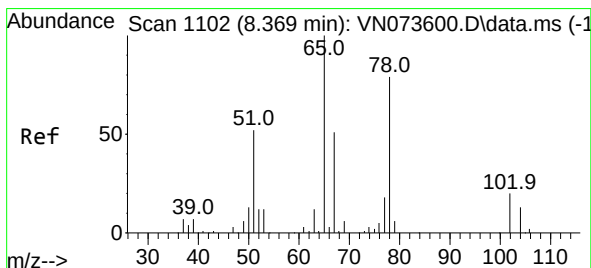
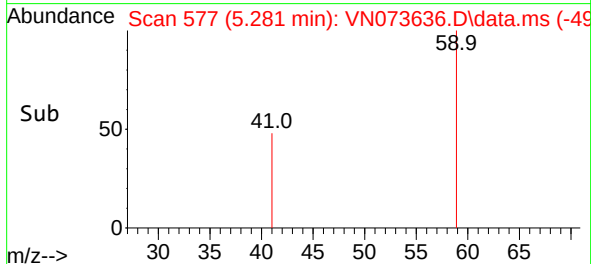
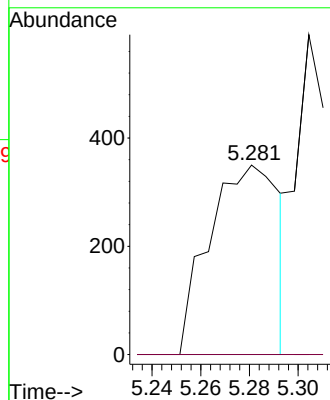
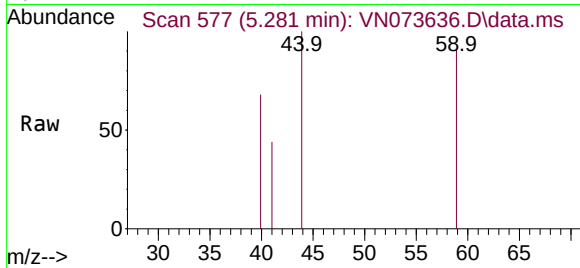




#23
tert-Butyl Alcohol
Concen: 0.862 ug/l
RT: 5.281 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

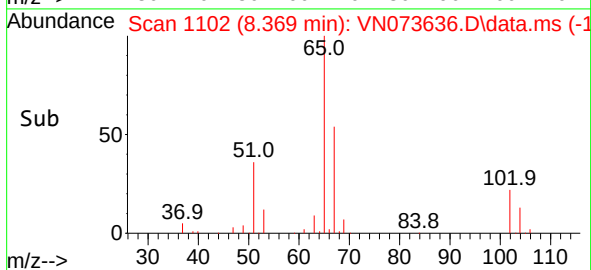
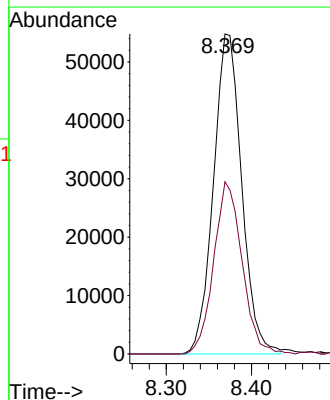
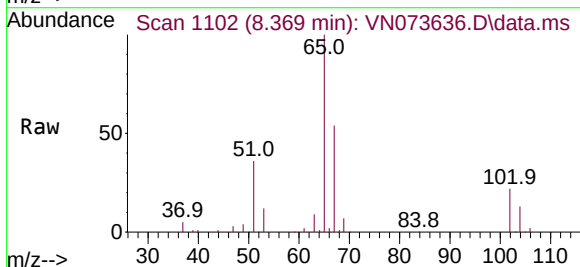
Instrument :
MSVOA_N
ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH

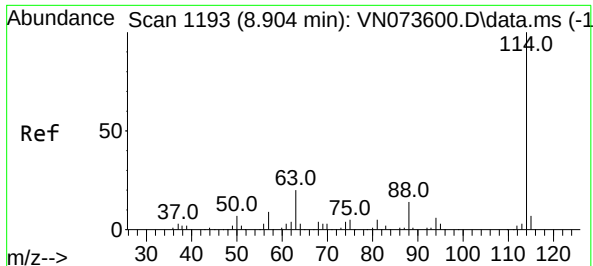
Tgt Ion: 59 Resp: 699
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 31.258 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 65 Resp: 126308
Ion Ratio Lower Upper
65 100
67 53.9 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073636.D

Acq: 29 Jul 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

CHAMBERS-STREET-A3-9065X-MH

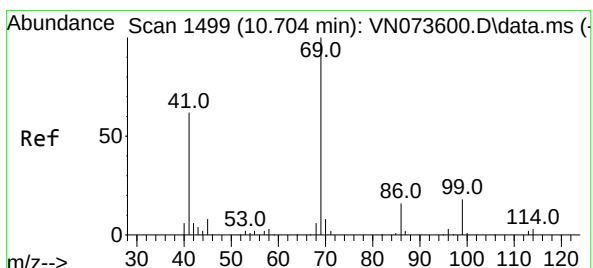
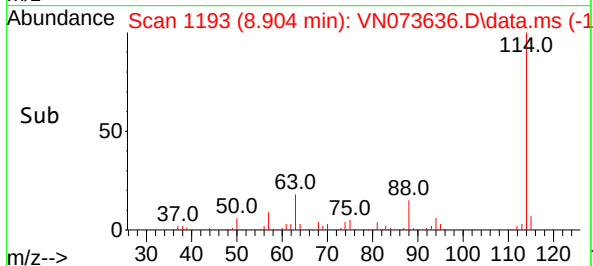
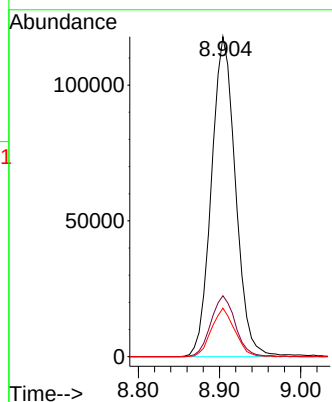
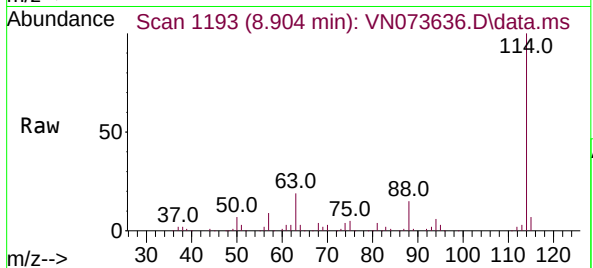
Tgt Ion:114 Resp: 242625

Ion Ratio Lower Upper

114 100

63 19.4 15.8 23.6

88 14.7 11.6 17.4



#51

Ethyl methacrylate

Concen: 0.212 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.329 min

Lab File: VN073636.D

Acq: 29 Jul 2022 15:45

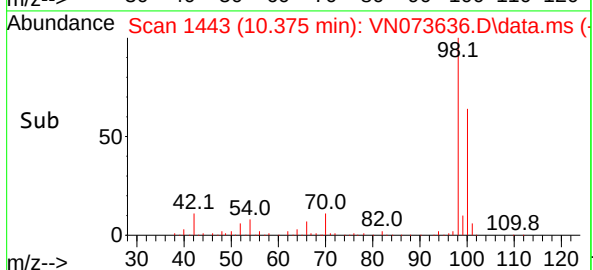
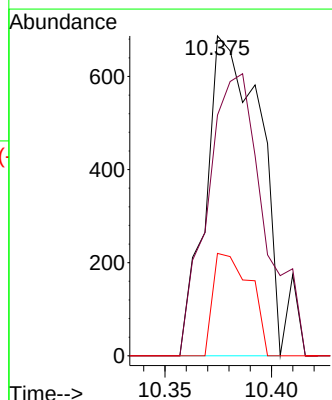
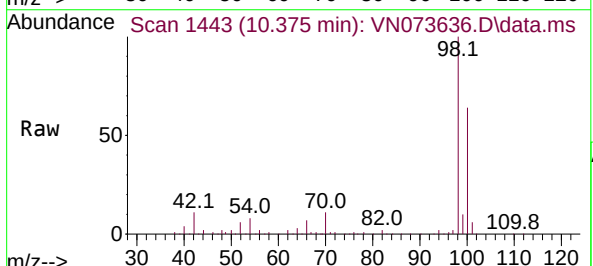
Tgt Ion: 69 Resp: 1200

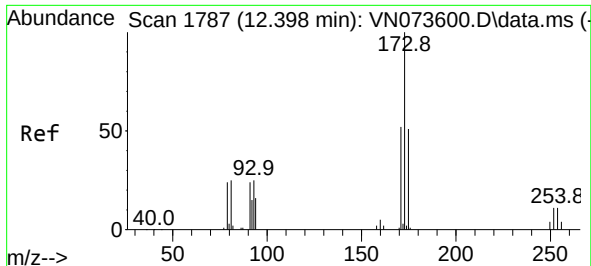
Ion Ratio Lower Upper

69 100

41 75.3 33.0 98.9

39 32.0 25.4 76.4

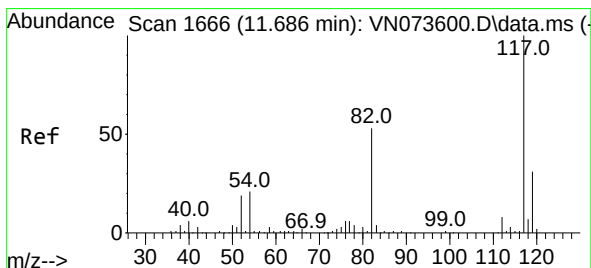
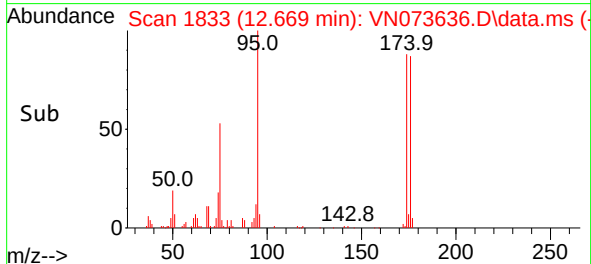
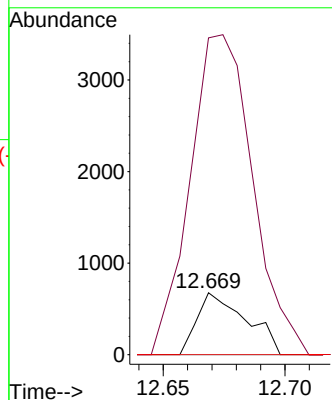
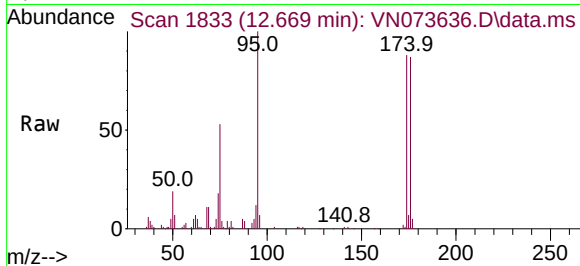




#56
Bromoform
Concen: 0.316 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

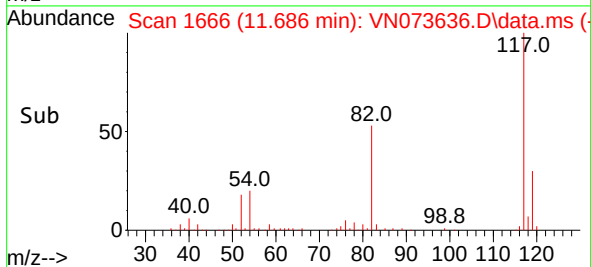
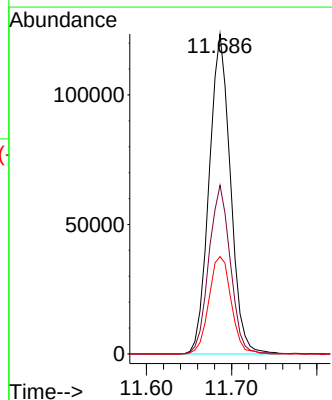
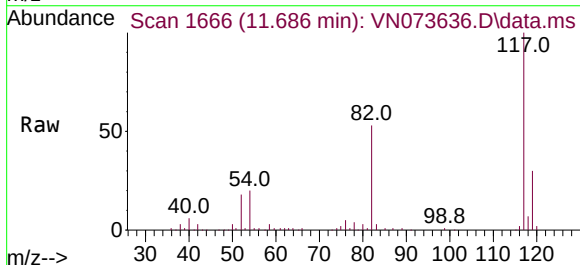
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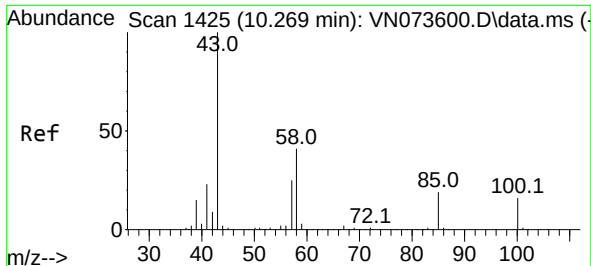
Tgt Ion:173 Resp: 947
Ion Ratio Lower Upper
173 100
175 660.9 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion:117 Resp: 214801
Ion Ratio Lower Upper
117 100
82 53.2 43.6 65.4
119 31.9 25.8 38.6

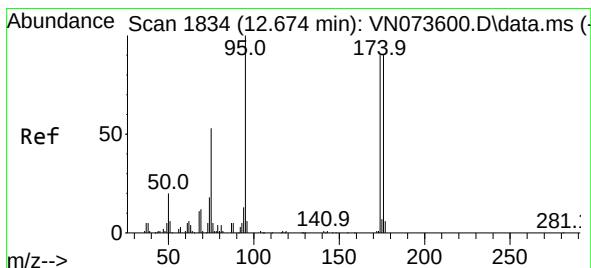
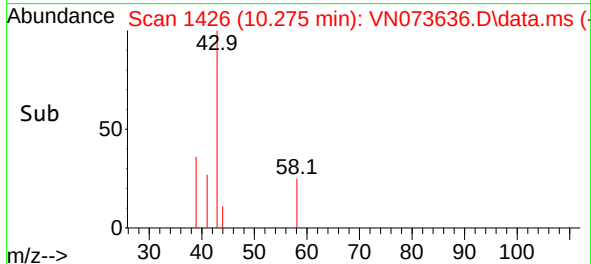
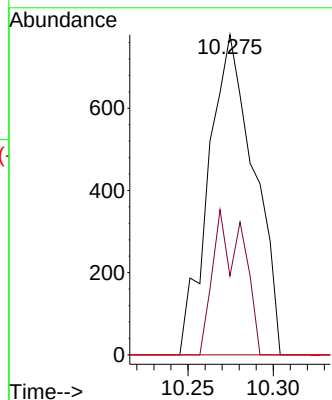
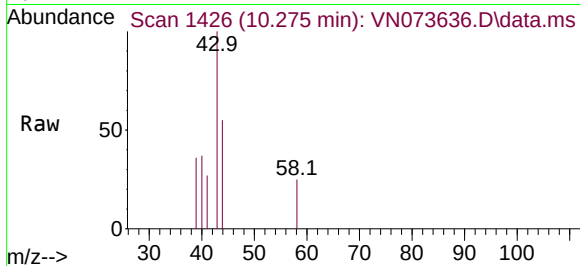




#58
4-Methyl-2-Pentanone
Concen: 0.260 ug/l
RT: 10.275 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

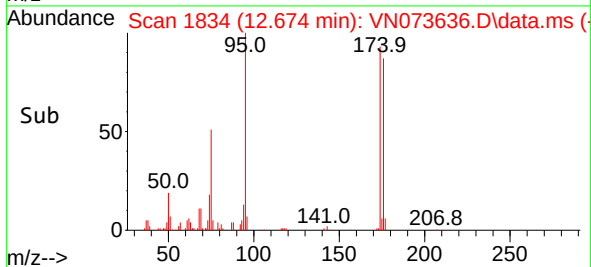
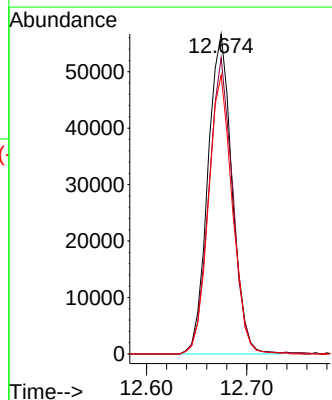
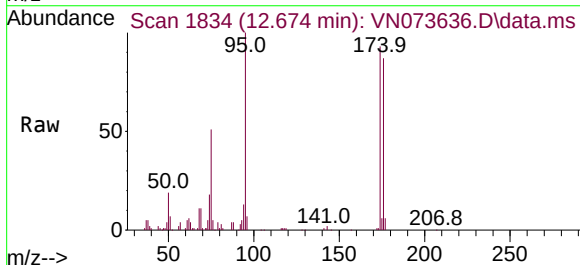
Instrument :
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CHAMBERS-STREET-A3-9065X-MH

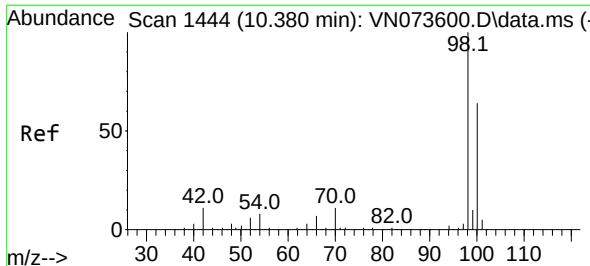
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 17.3 30.0 45.0#
85 0.0 15.0 22.6#



#60
4-Bromofluorobenzene
Concen: 25.052 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 95 Resp: 95283
Ion Ratio Lower Upper
95 100
174 90.5 62.9 94.3
176 86.0 61.0 91.4

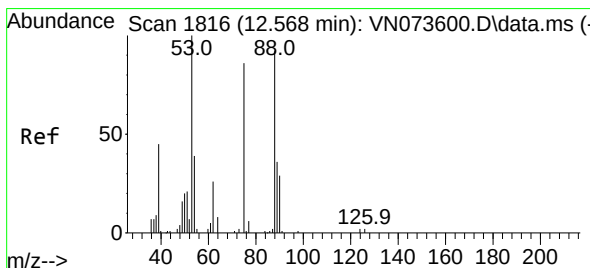
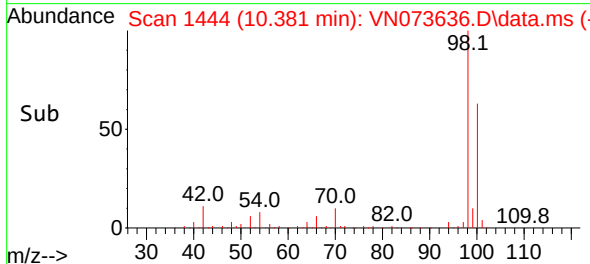
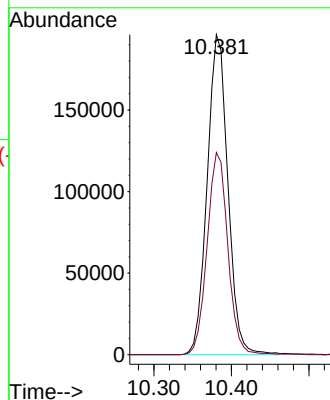
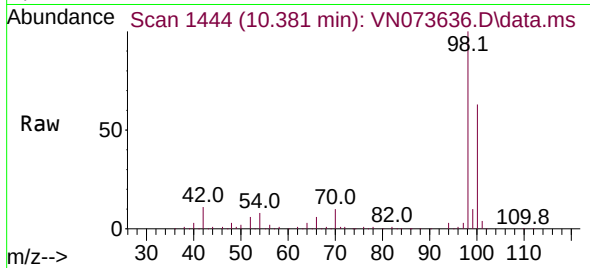




#63
Toluene-d8
Concen: 30.131 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

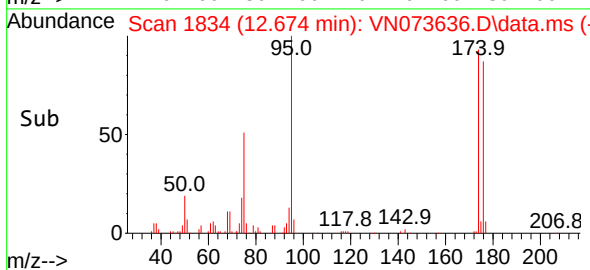
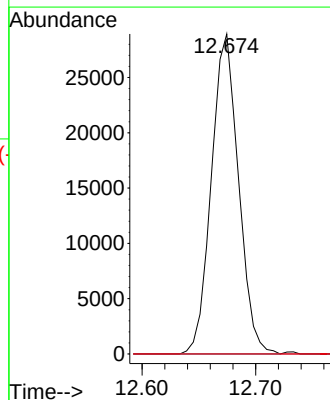
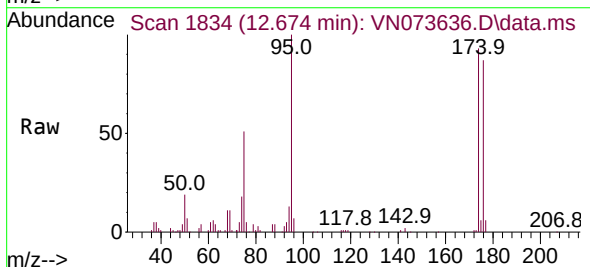
Instrument :
MSVOA_N
ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH

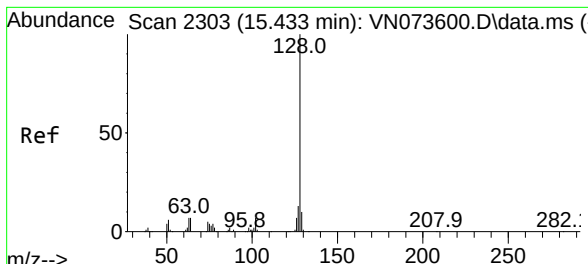
Tgt Ion: 98 Resp: 364438
Ion Ratio Lower Upper
98 100
100 63.1 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 28.958 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

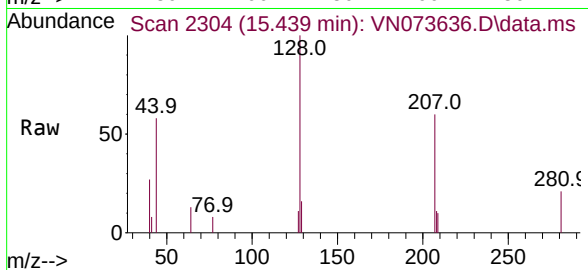
Tgt Ion: 75 Resp: 48035
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
Naphthalene
Concen: 0.248 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073636.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
CHAMBERS-STREET-A3-9065X-MH



Tgt Ion:	128	Resp:	3188
Ion Ratio	Lower	Upper	
128	100		
127	6.2	10.7	16.1#
129	5.0	9.0	13.6#

