

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068293.D
 Acq On : 25 Aug 2021 11:47
 Operator : JC/MD
 Sample : VN0825MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825MBL01

Quant Time: Aug 26 05:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

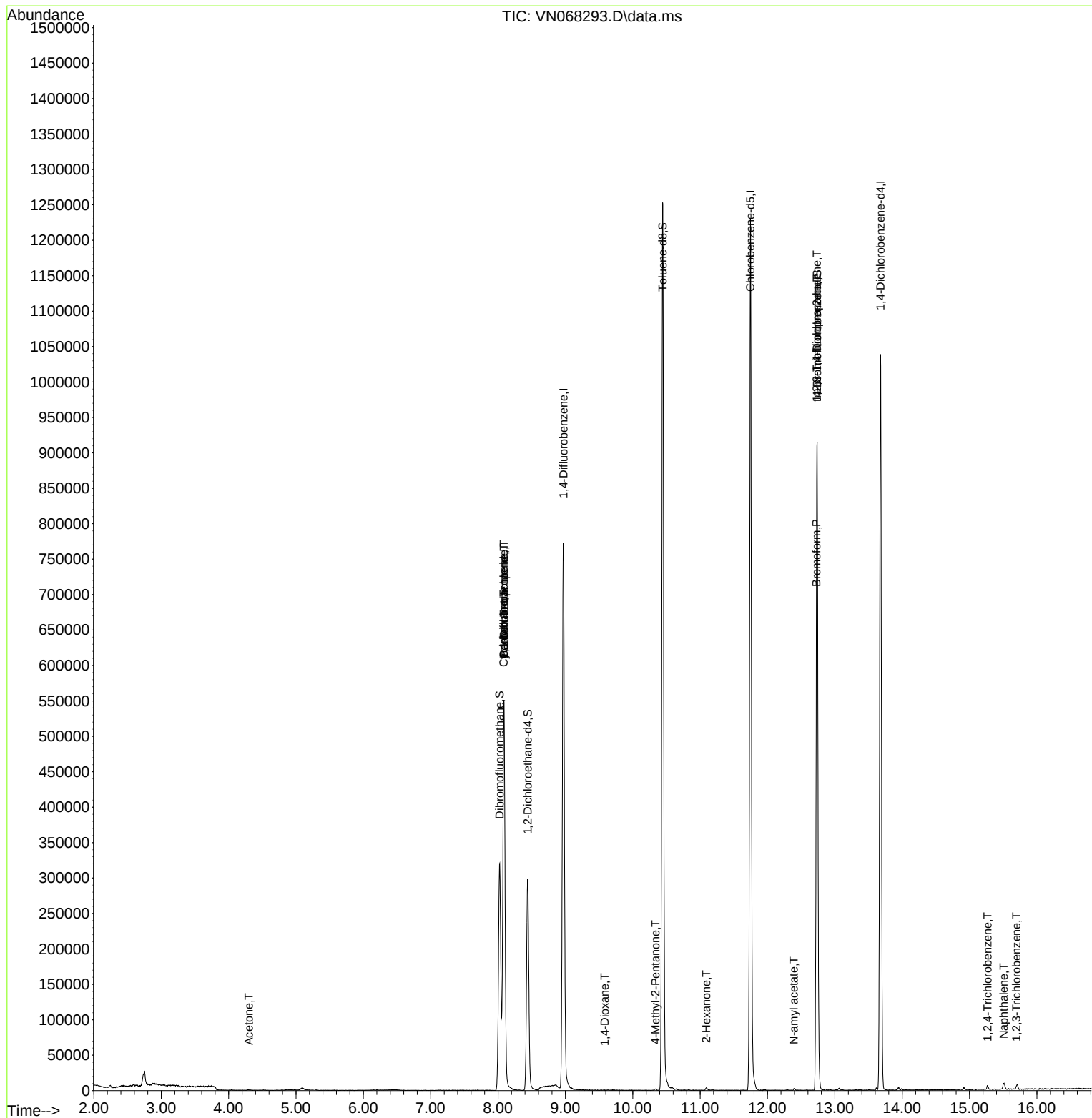
Internal Standards						
1) Pentafluorobenzene	8.088	168	455560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	756606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	790650	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	314330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	258511	53.146	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	106.300%	
35) Dibromofluoromethane	8.024	113	236237	49.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	99.460%	
50) Toluene-d8	10.443	98	934280	51.618	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.240%	
62) 4-Bromofluorobenzene	12.736	95	316336	52.501	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	105.000%	
Target Compounds						Qvalue
5) Bromomethane	2.877	94	1037	Below Cal	#	68
6) Chloroethane	2.990	64	25	Below Cal	#	44
13) Acrolein	4.038	56	209	Below Cal		100
16) Acetone	4.299	43	1534	1.080	ug/l #	78
18) Methyl Acetate	4.854	43	647	Below Cal	#	54
20) Methylene Chloride	5.079	84	879	Below Cal	#	57
31) Cyclohexane	8.083	56	7621	1.190	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	30307	4.900	ug/l #	52
38) Carbon Tetrachloride	8.088	117	42369	5.939	ug/l #	18
49) 1,4-Dioxane	9.582	88	63	0.741	ug/l #	1
51) 4-Methyl-2-Pentanone	10.336	43	1705	0.329	ug/l #	39
59) 2-Hexanone	11.092	43	3155	0.876	ug/l	95
71) Bromoform	12.725	173	1009	0.206	ug/l #	29
74) N-amyl acetate	12.390	43	1664	0.286	ug/l #	87
76) 1,2,3-Trichloropropane	12.733	75	160802	30.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	160802	100.836	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	2306	3.101	ug/l	93
95) Naphthalene	15.507	128	10034	4.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	3016	3.403	ug/l #	17

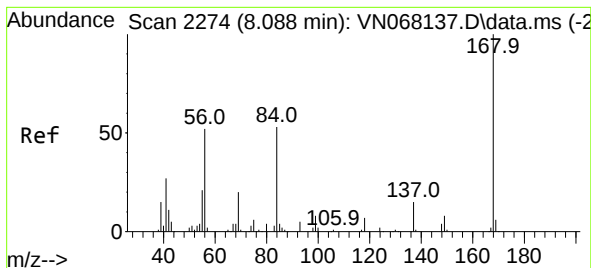
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068293.D

Acq: 25 Aug 2021 11:47

Tgt Ion:168 Resp: 455560

Ion Ratio Lower Upper

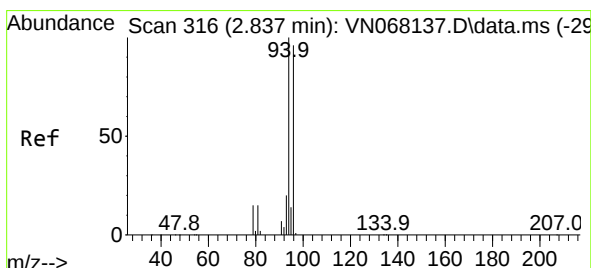
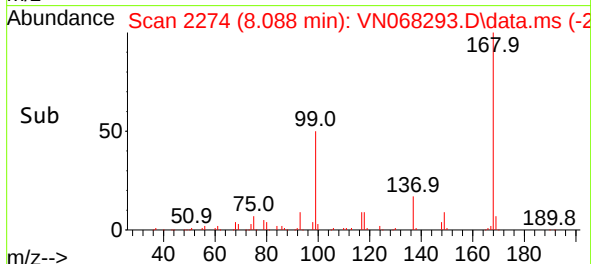
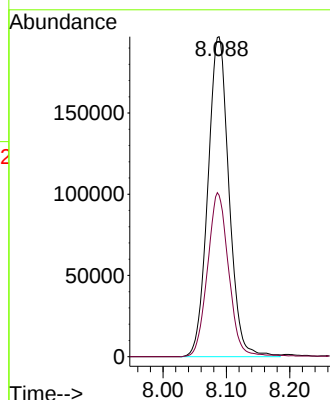
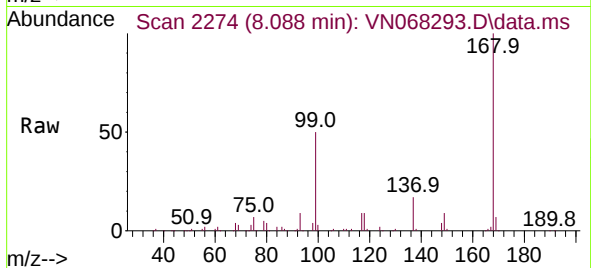
168 100
99 50.4 62.9 94.3#

Instrument :

MSVOA_N

ClientSampleId :

VN0825MBL01



#5

Bromomethane

Concen: Below Cal

RT: 2.877 min Scan# 331

Delta R.T. 0.040 min

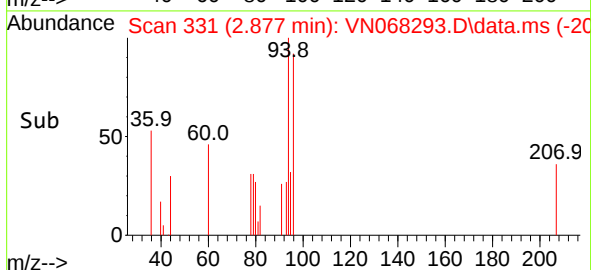
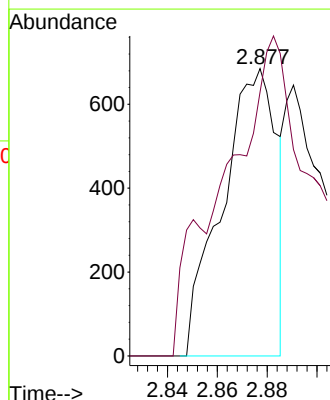
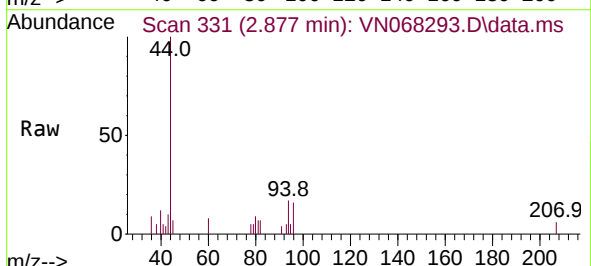
Lab File: VN068293.D

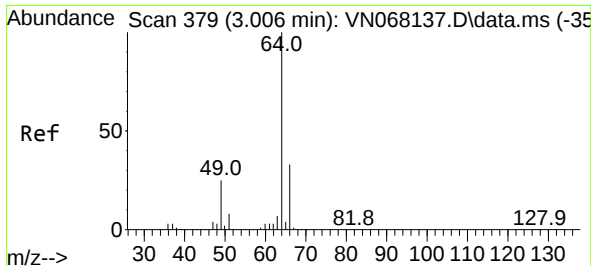
Acq: 25 Aug 2021 11:47

Tgt Ion: 94 Resp: 1037

Ion Ratio Lower Upper

94 100
96 61.2 73.7 110.5#

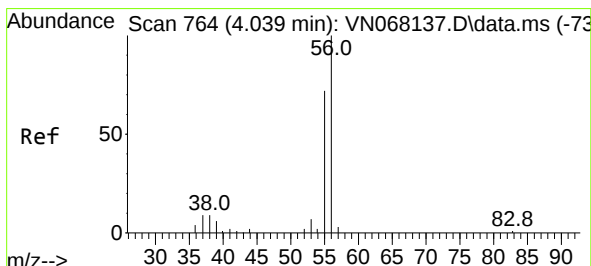
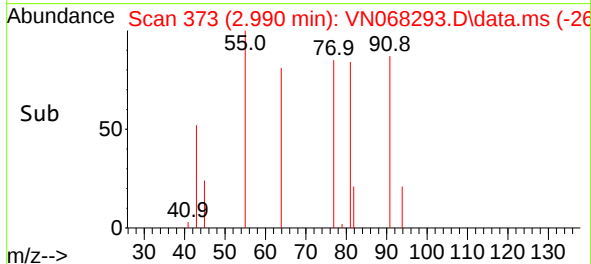
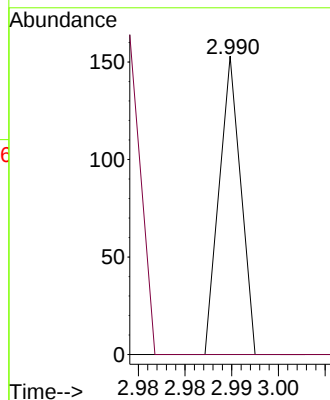
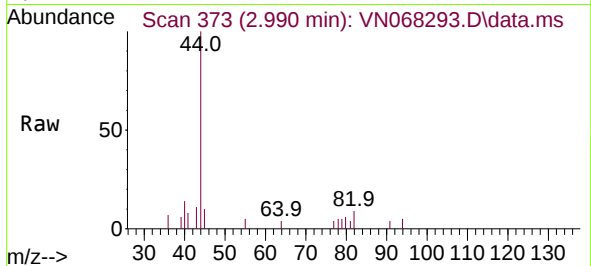




#6
Chloroethane
Concen: Below Cal
RT: 2.990 min Scan# 373
Delta R.T. -0.016 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

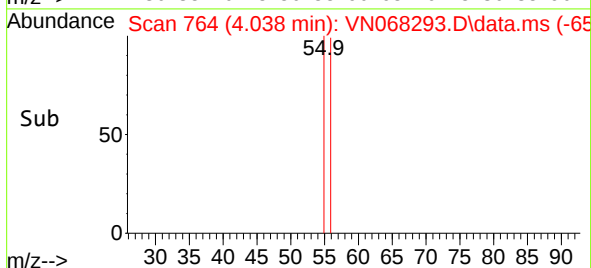
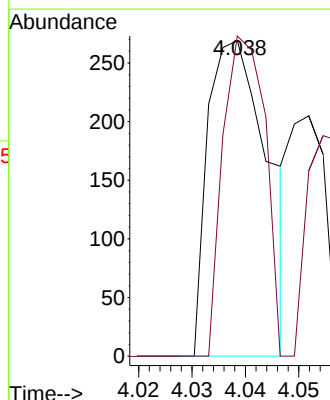
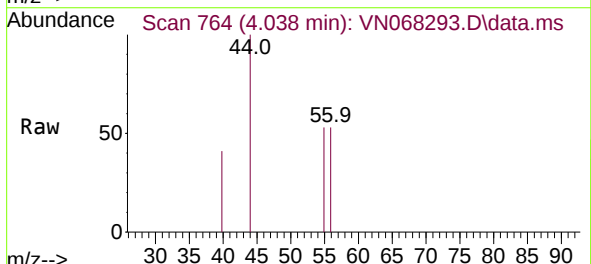
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.038 min Scan# 764
Delta R.T. -0.001 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.0

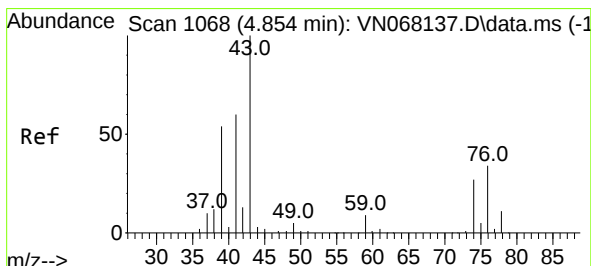
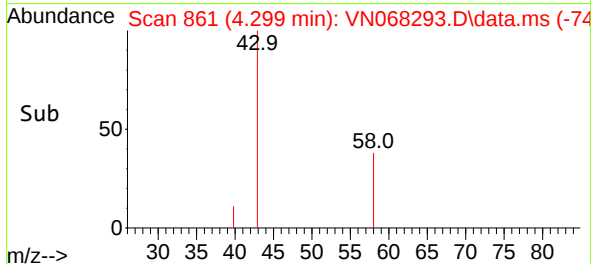
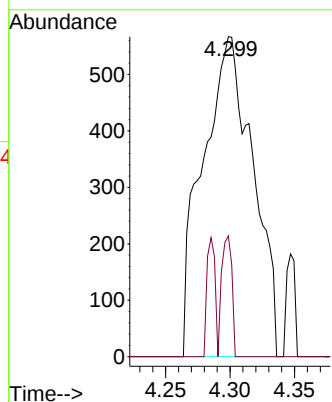
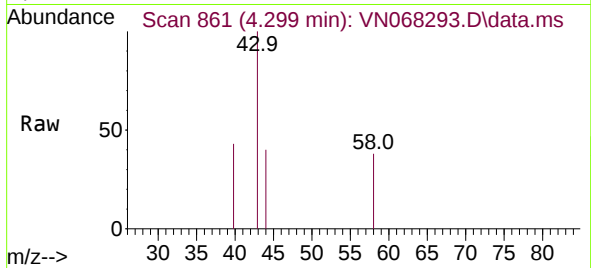




#16
Acetone
Concen: 1.080 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

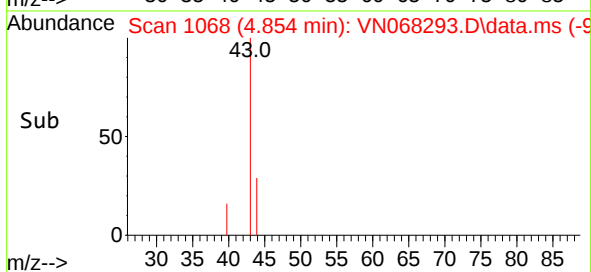
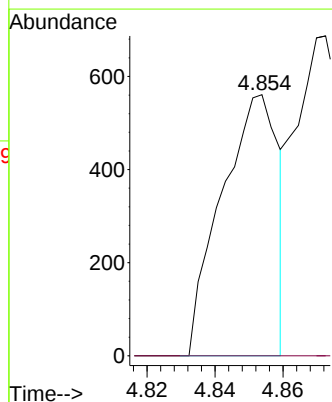
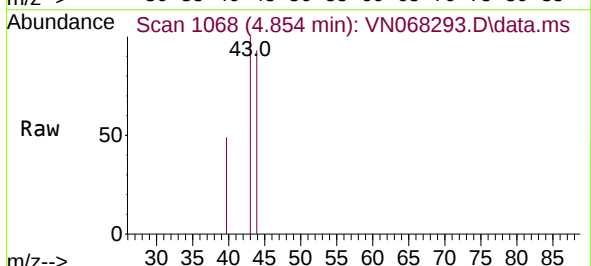
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 37.7 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

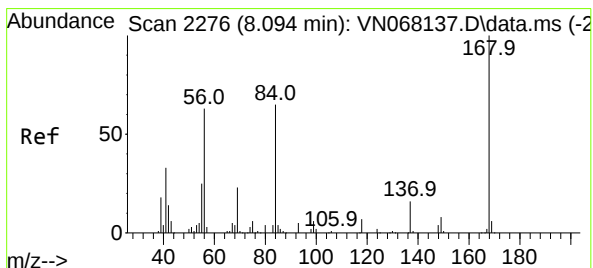
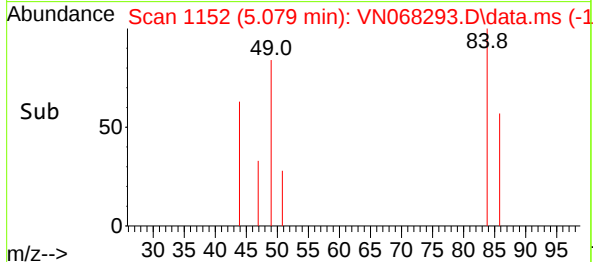
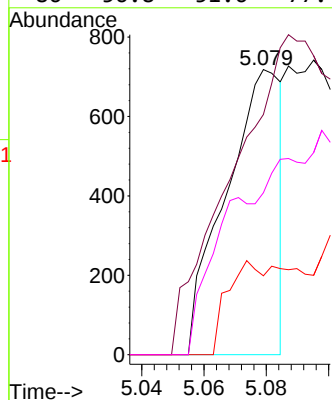
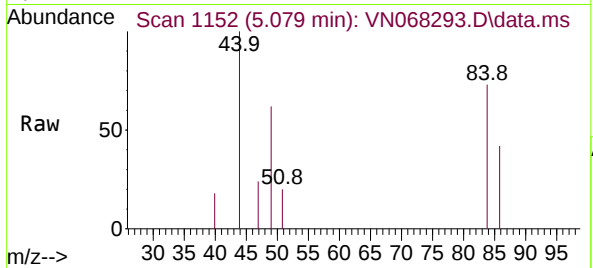




#20
Methylene Chloride
Concen: Below Cal
RT: 5.079 min Scan# 1152
Delta R.T. -0.014 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

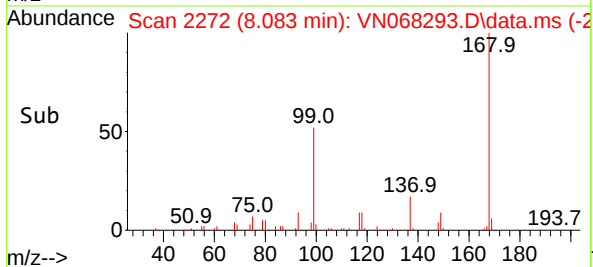
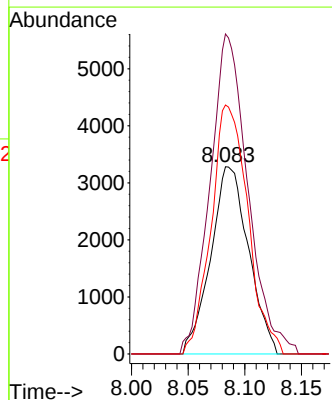
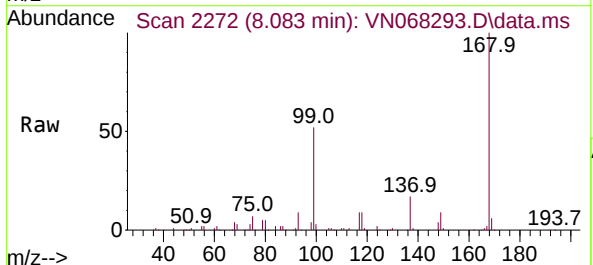
Instrument :
MSVOA_N
ClientSampled :
VN0825MBL01

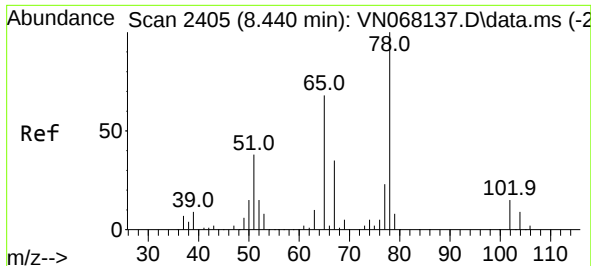
Tgt Ion:	84	Resp:	879
Ion	Ratio	Lower	Upper
84	100		
49	60.7	110.9	166.3#
51	27.7	32.6	49.0#
86	56.8	51.6	77.4



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion:	56	Resp:	7621
Ion	Ratio	Lower	Upper
56	100		
69	170.9	27.3	40.9#
84	133.0	64.9	97.3#

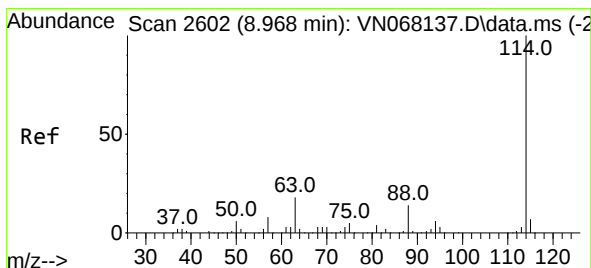
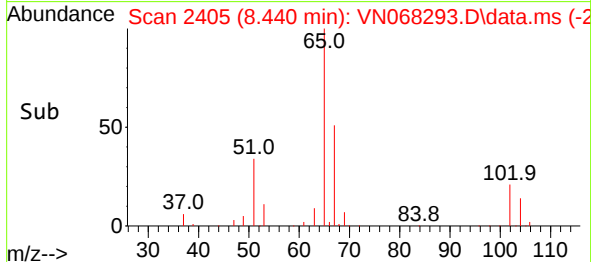
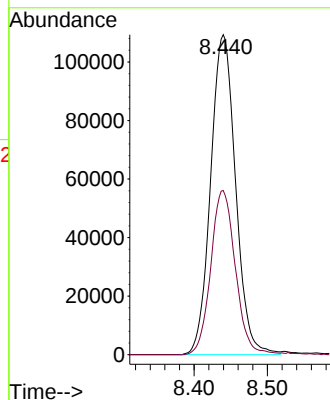
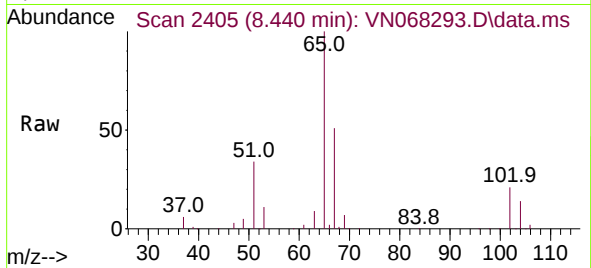




#33
 1,2-Dichloroethane-d4
 Concen: 53.146 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068293.D
 Acq: 25 Aug 2021 11:47

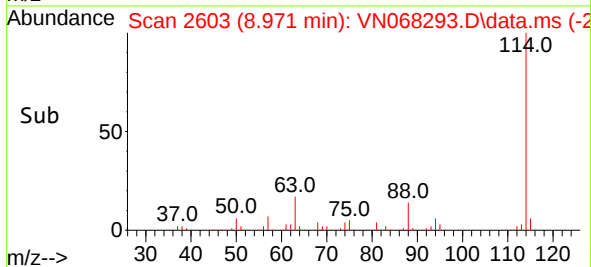
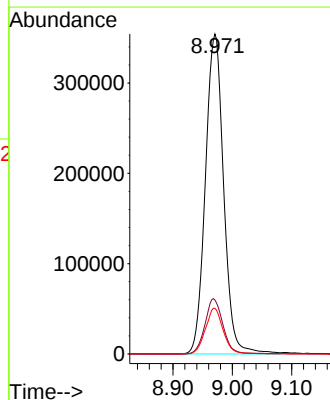
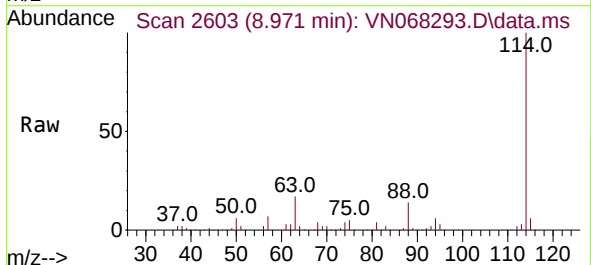
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 VN0825MBL01

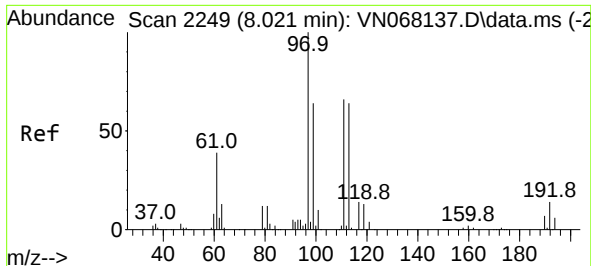
Tgt Ion: 65 Resp: 258511
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068293.D
 Acq: 25 Aug 2021 11:47

Tgt Ion: 114 Resp: 756606
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 49.0
 88 14.3 0.0 36.6

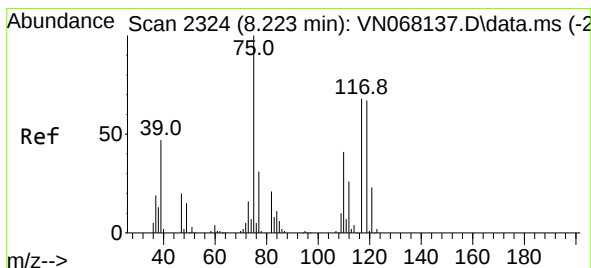
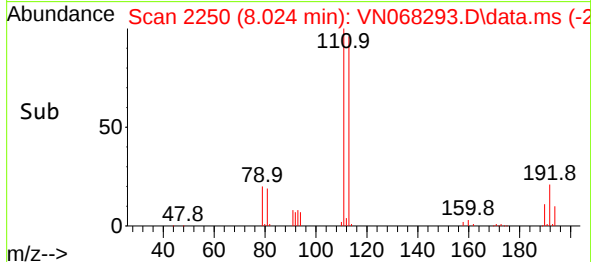
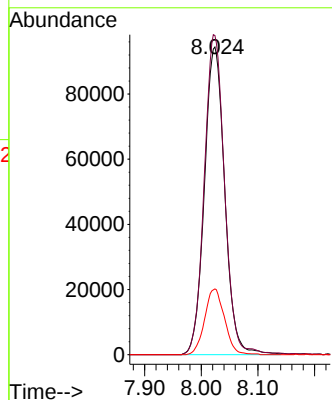
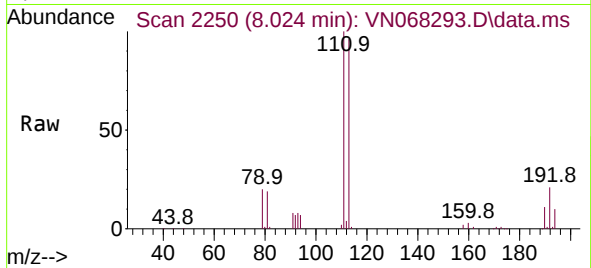




#35
Dibromofluoromethane
Concen: 49.732 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

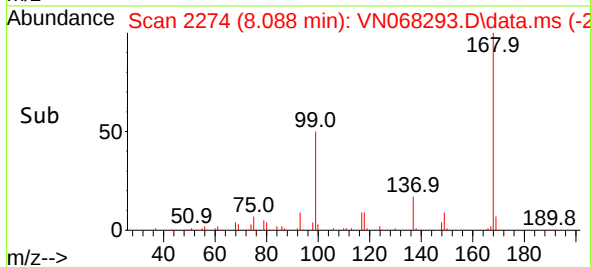
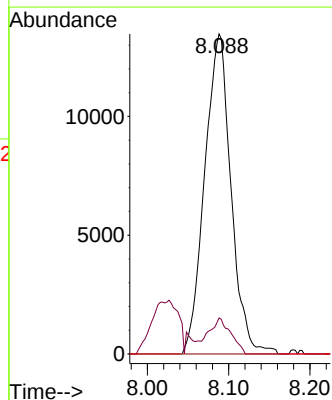
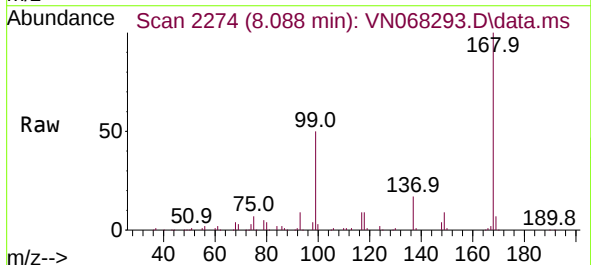
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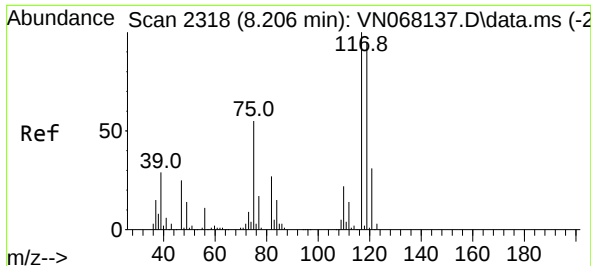
Tgt Ion:113 Resp: 236237
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 20.8 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 75 Resp: 30307
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 0.0 24.6 37.0#

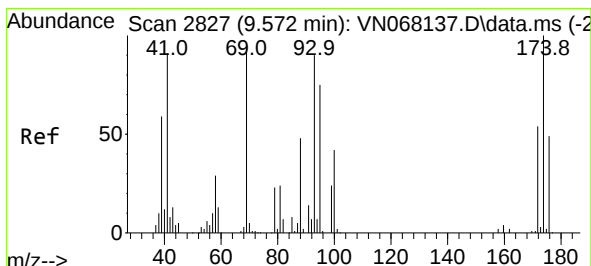
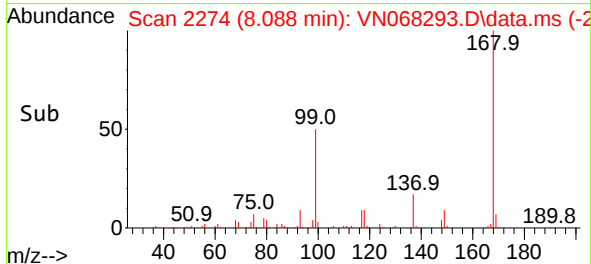
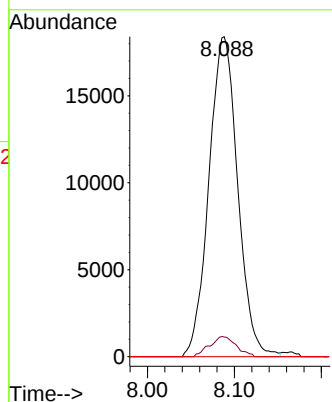
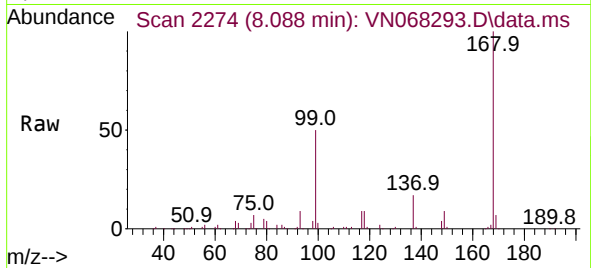




#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

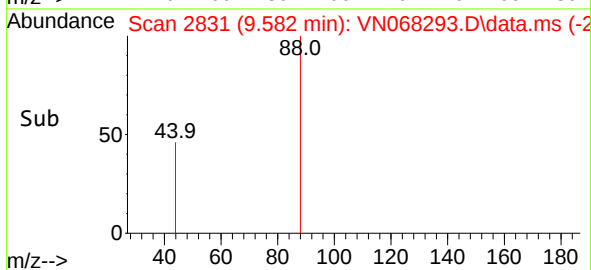
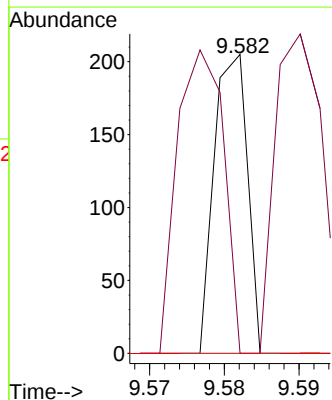
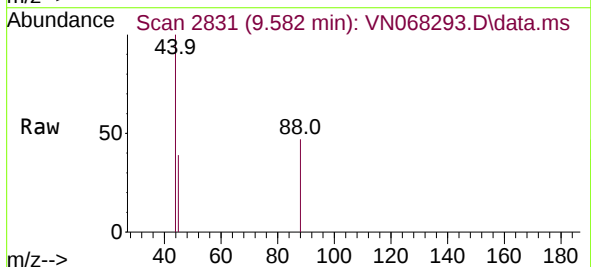
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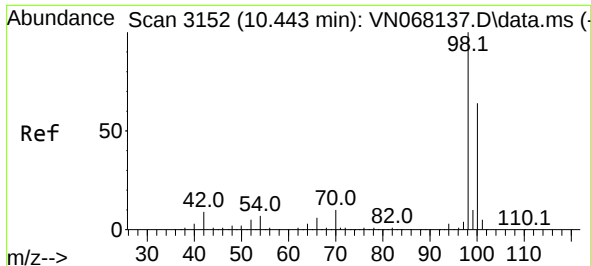
Tgt Ion:117 Resp: 42369
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 23.5 35.3#



#49
1,4-Dioxane
Concen: 0.741 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.010 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 141.3 28.8 43.2#
58 0.0 60.4 90.6#

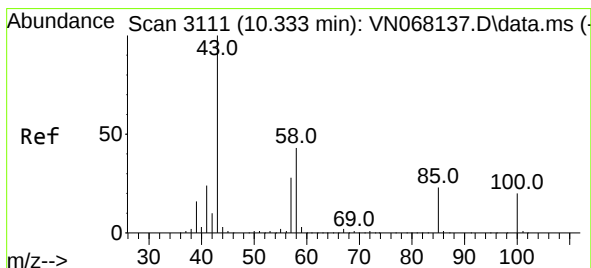
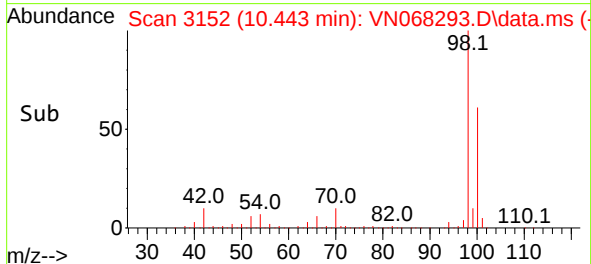
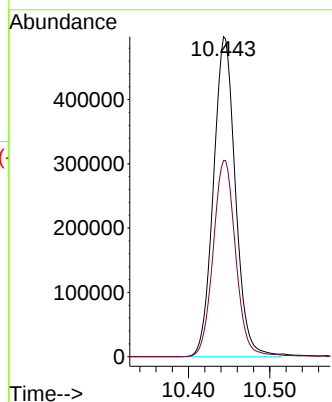
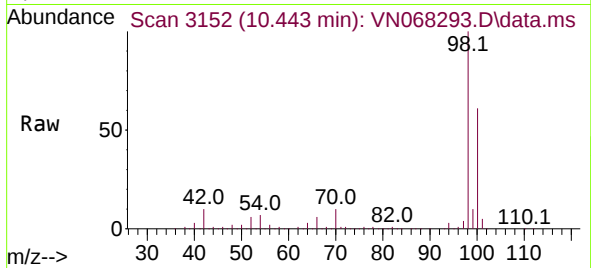




#50
Toluene-d8
Concen: 51.618 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

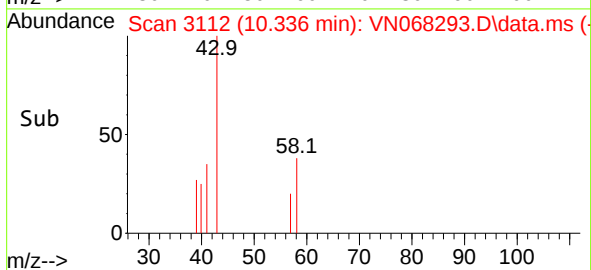
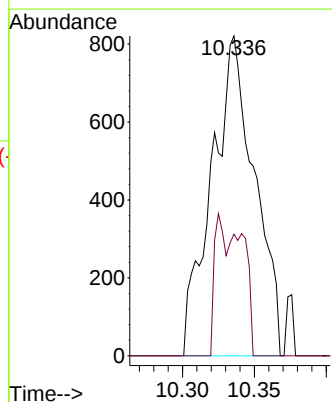
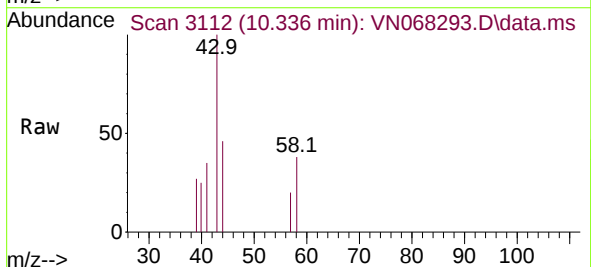
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

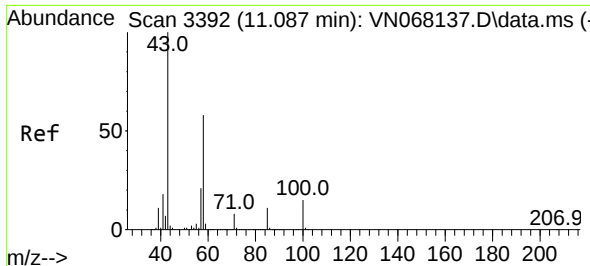
Tgt Ion: 98 Resp: 934280
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.329 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

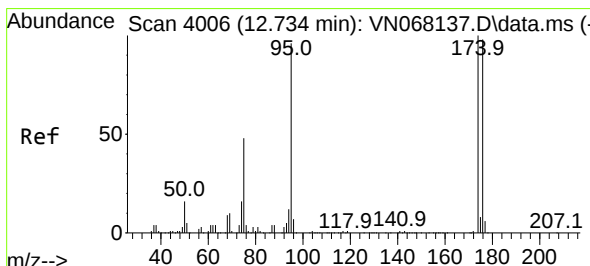
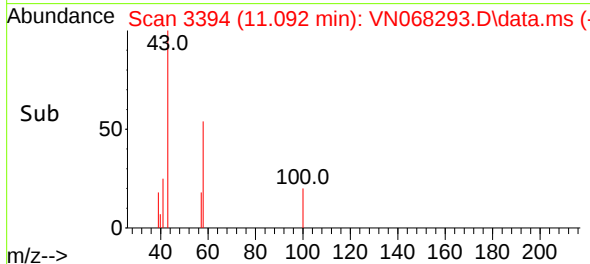
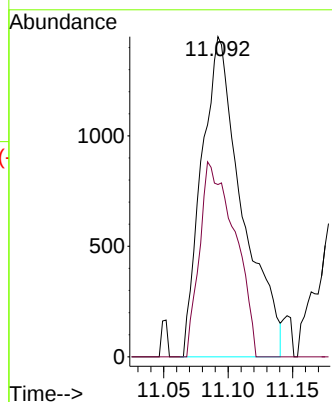
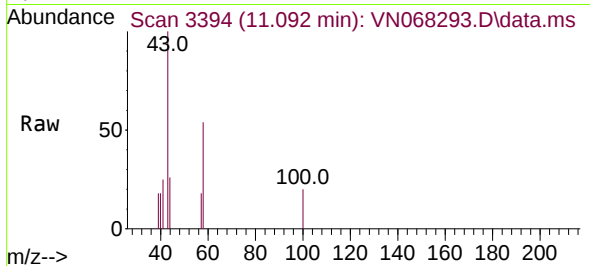




#59
2-Hexanone
Concen: 0.876 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

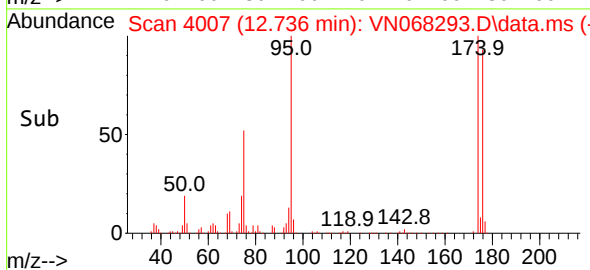
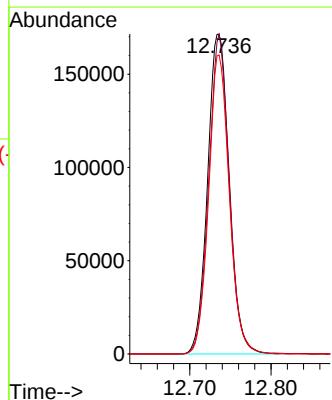
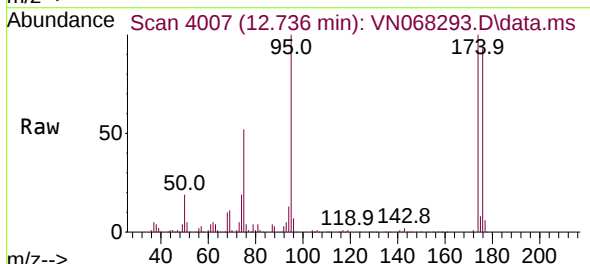
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

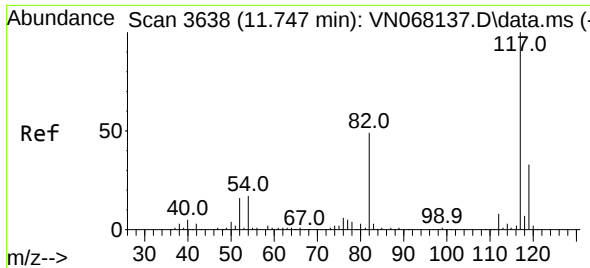
Tgt Ion: 43 Resp: 3155
Ion Ratio Lower Upper
43 100
58 53.0 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 52.501 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 95 Resp: 316336
Ion Ratio Lower Upper
95 100
174 95.3 0.0 122.0
176 89.4 0.0 117.6

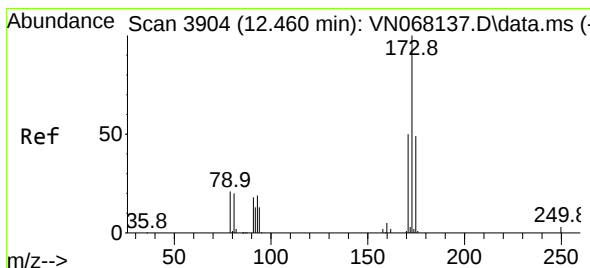
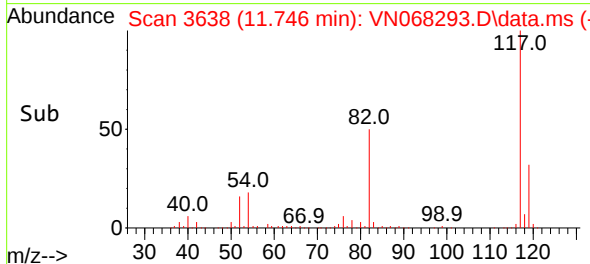
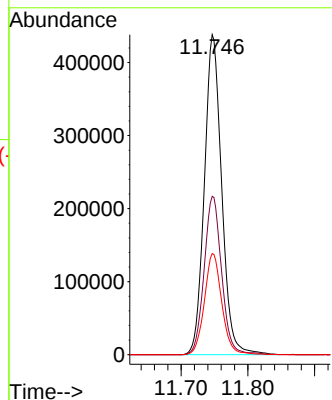
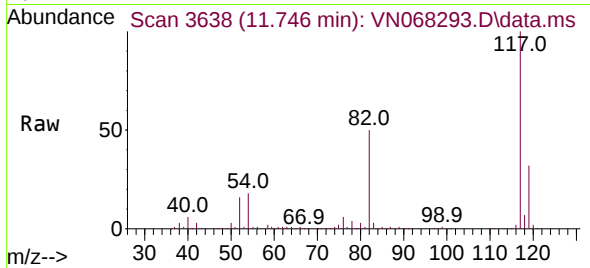




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

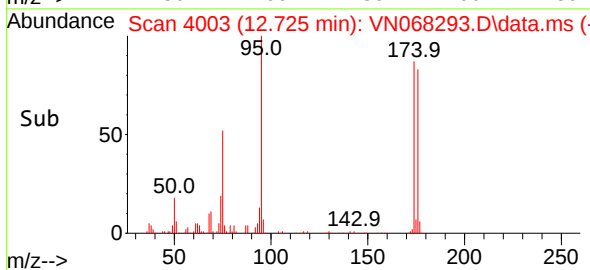
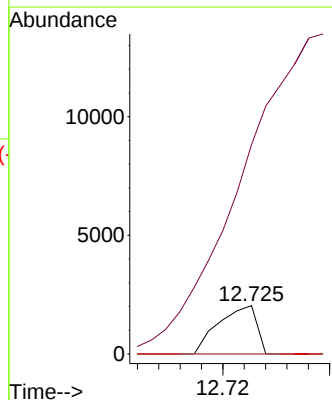
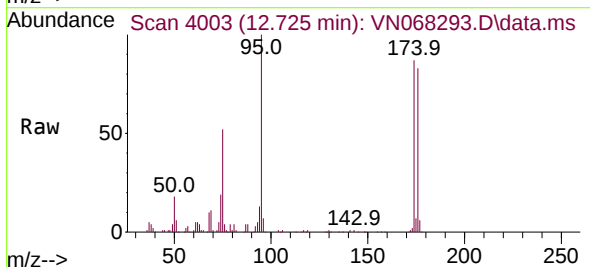
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

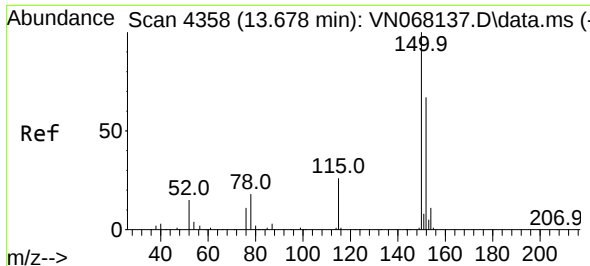
Tgt Ion:117 Resp: 790650
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 31.6 25.5 38.3



#71
Bromoform
Concen: 0.206 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion:173 Resp: 1009
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

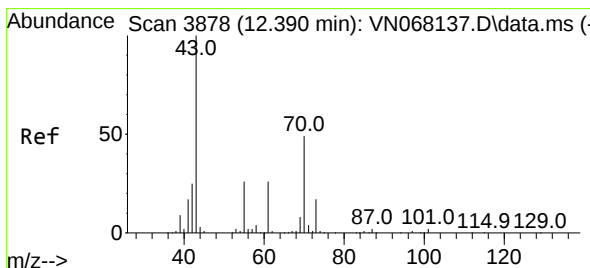
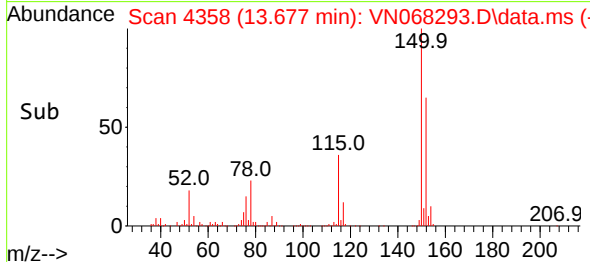
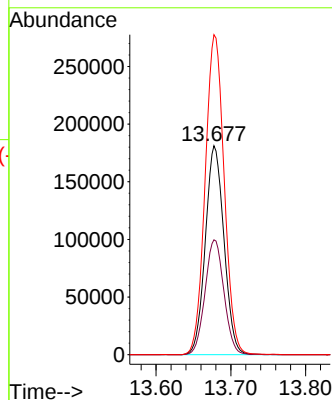
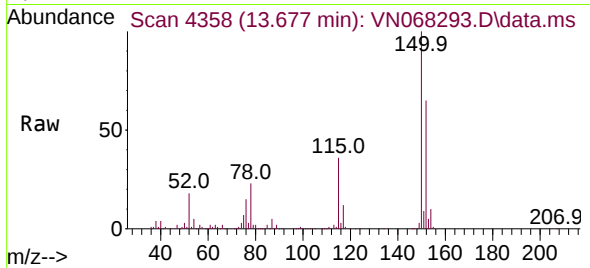




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

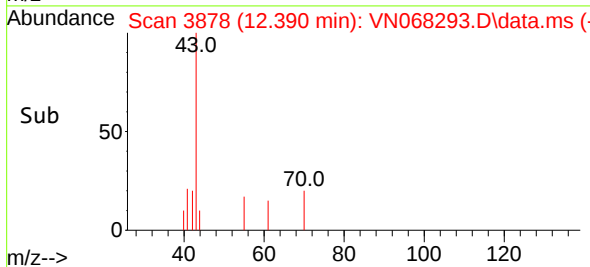
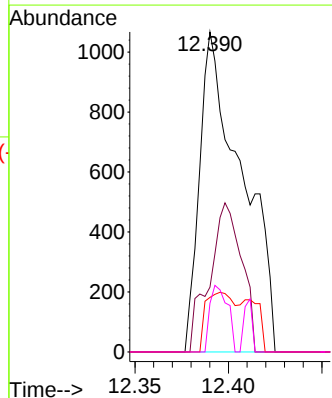
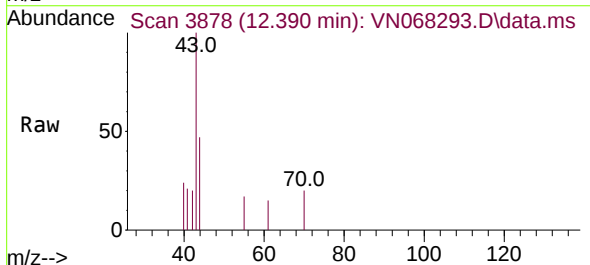
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

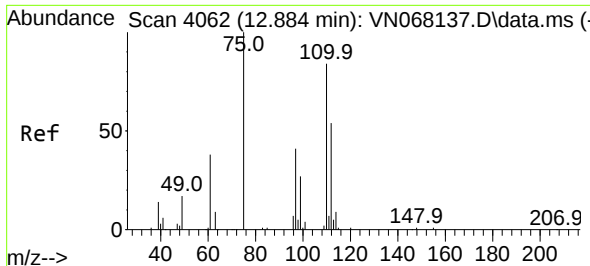
Tgt Ion:152 Resp: 314330
Ion Ratio Lower Upper
152 100
115 55.7 36.1 108.5
150 156.1 0.0 351.8



#74
N-ethyl acetate
Concen: 0.286 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
70 35.9 29.4 44.2
55 12.3 17.0 25.4#
61 8.8 17.6 26.4#

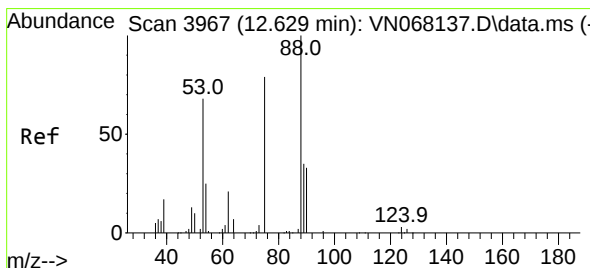
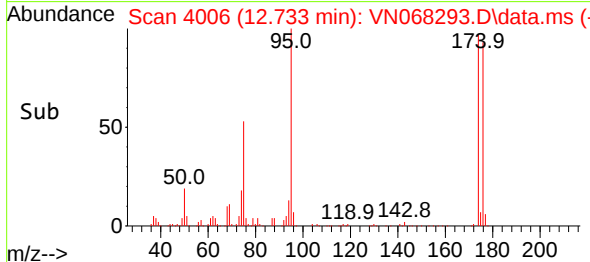
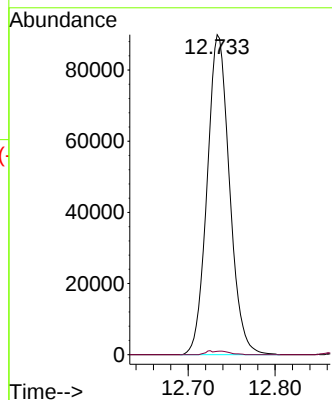
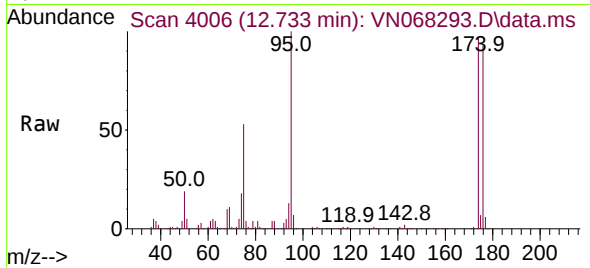




#76
1,2,3-Trichloropropane
Concen: 30.779 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

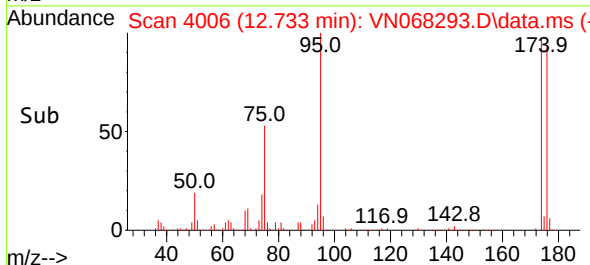
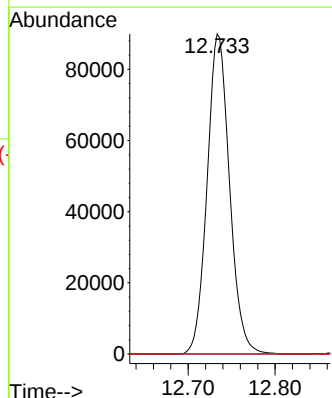
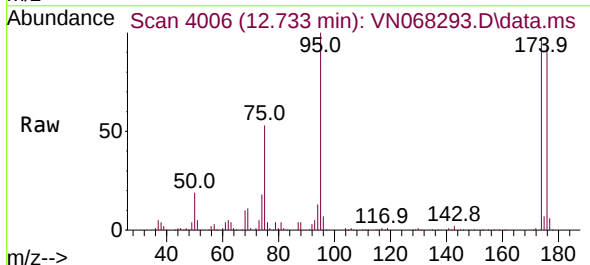
Instrument :
MSVOA_N
ClientSampleId :
VN0825MBL01

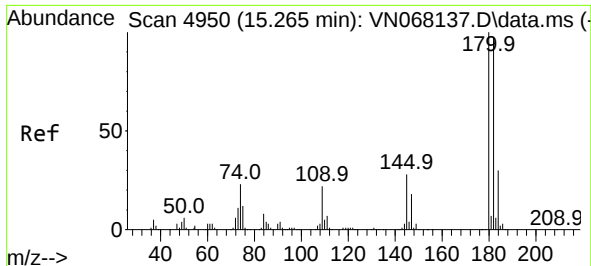
Tgt Ion: 75 Resp: 160802
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.836 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

Tgt Ion: 75 Resp: 160802
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

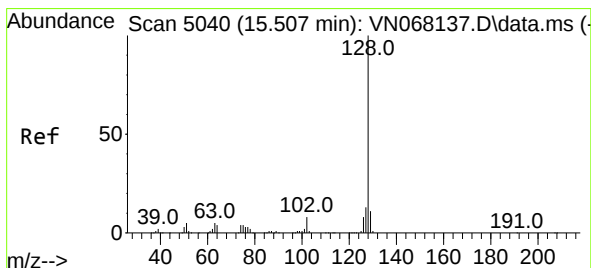
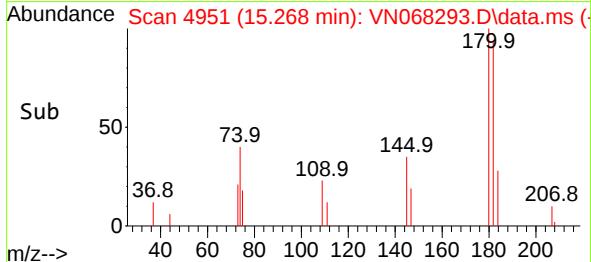
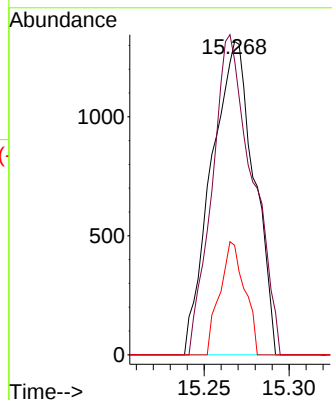
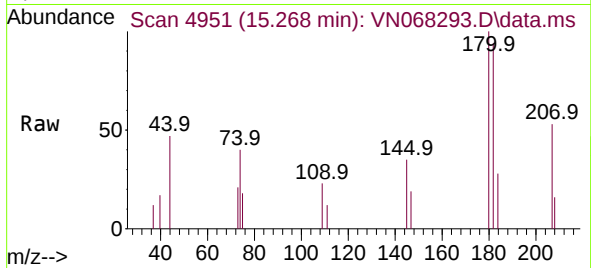




#93
1,2,4-Trichlorobenzene
Concen: 3.101 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

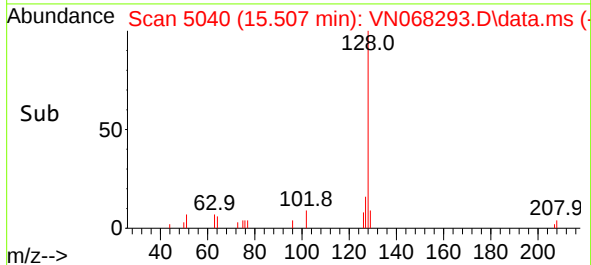
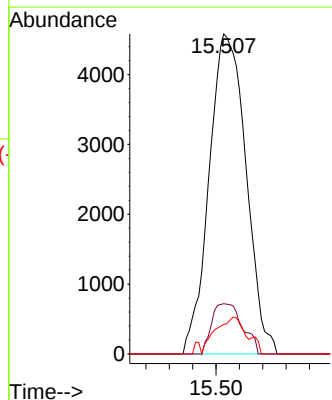
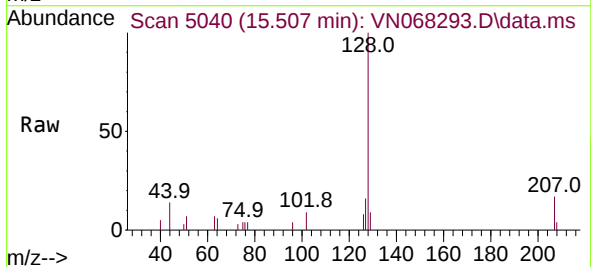
Instrument :
MSVOA_N
ClientSampled :
VN0825MBL01

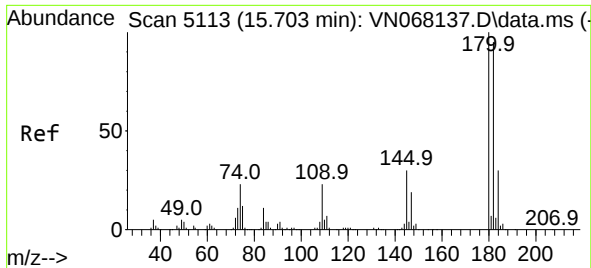
Tgt Ion:180 Resp: 2306
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 21.0 17.2 51.6



#95
Naphthalene
Concen: 4.103 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068293.D
Acq: 25 Aug 2021 11:47

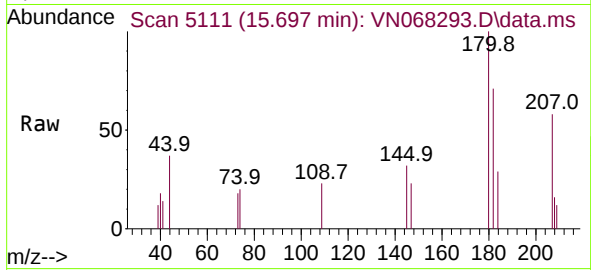
Tgt Ion:128 Resp: 10034
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 9.8 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.403 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. -0.006 min
 Lab File: VN068293.D
 Acq: 25 Aug 2021 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825MBL01



Tgt Ion:180 Resp: 3016
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 9.8 18.2 54.6#

