

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068792.D
 Acq On : 1 Oct 2021 18:58
 Operator : JC/MD
 Sample : M4040-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 02 04:02:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

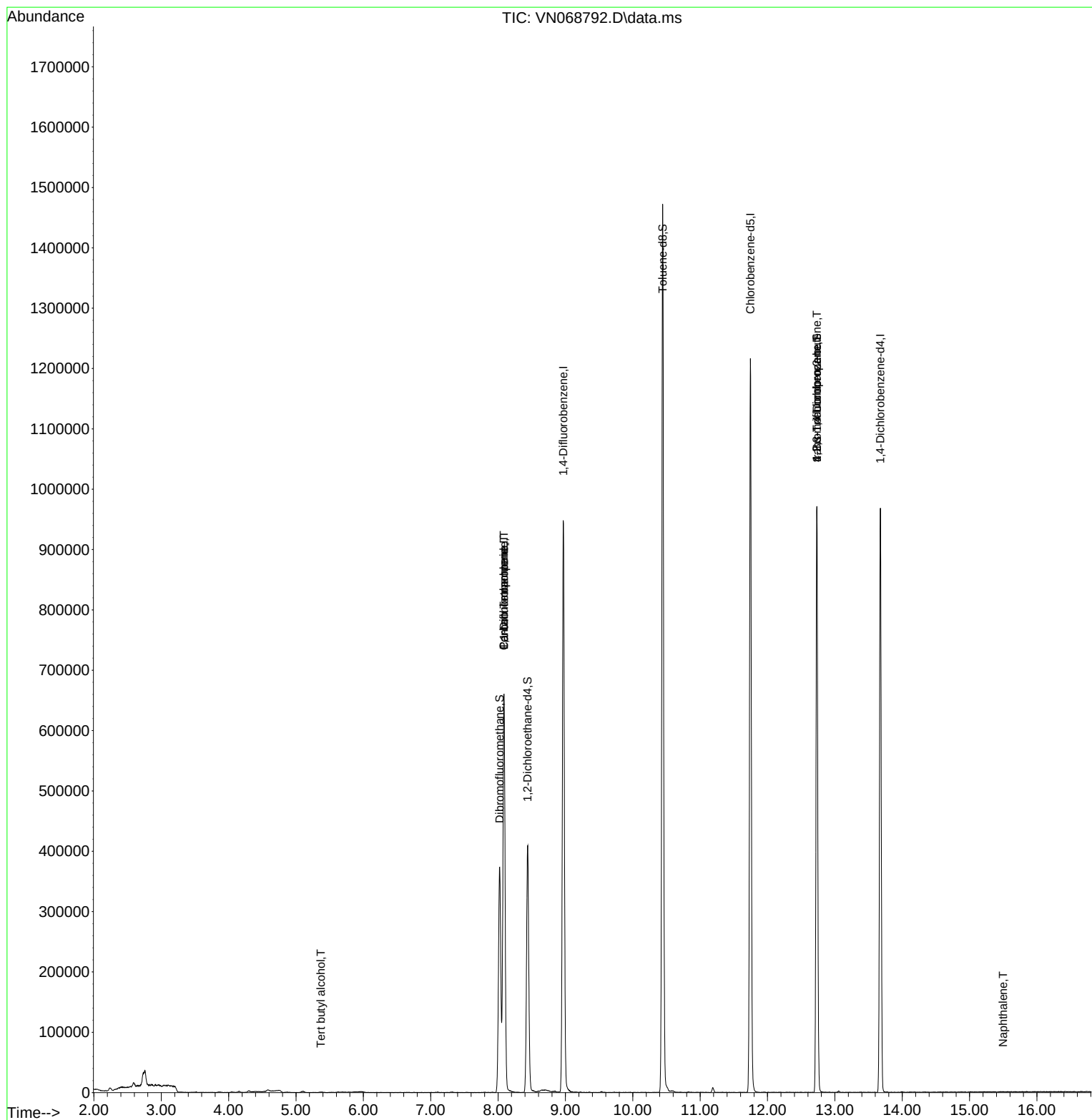
Internal Standards						
1) Pentafluorobenzene	8.088	168	470075	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	822521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	692165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	247794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	335136	51.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.340%	
35) Dibromofluoromethane	8.021	113	263550	51.570	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.140%	
50) Toluene-d8	10.443	98	995602	53.313	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.733	95	306861	47.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	981	Below Cal	#	77
5) Bromomethane	2.867	94	741	Below Cal	#	46
6) Chloroethane	3.030	64	304	Below Cal	#	59
11) Tert butyl alcohol	5.369	59	775	0.882	ug/l #	71
13) Acrolein	4.036	56	218	Below Cal	#	14
16) Acetone	4.299	43	3272	Below Cal	#	68
17) Carbon Disulfide	4.537	76	253	Below Cal	#	74
31) Cyclohexane	8.086	56	13336	Below Cal	#	45
36) 1,1-Dichloropropene	8.088	75	41874	5.413	ug/l #	53
38) Carbon Tetrachloride	8.086	117	52743	5.740	ug/l #	17
76) 1,2,3-Trichloropropane	12.733	75	184817	33.538	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	184817	97.495	ug/l #	6
95) Naphthalene	15.496	128	96	1.455	ug/l #	69

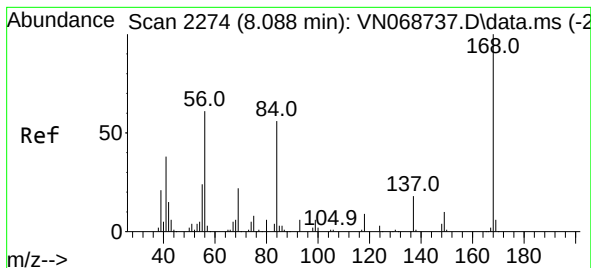
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

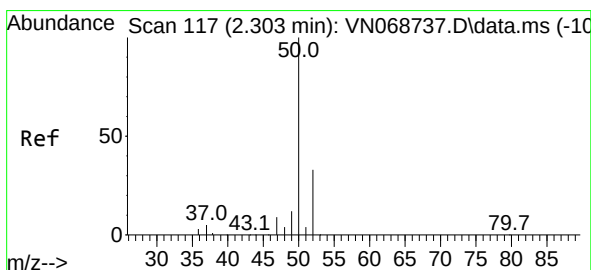
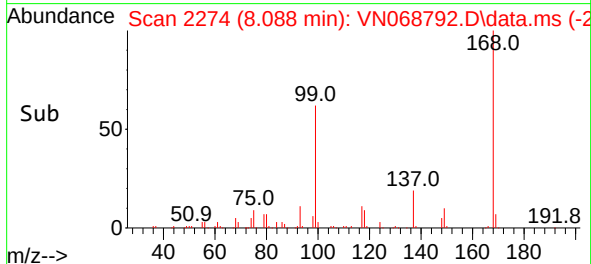
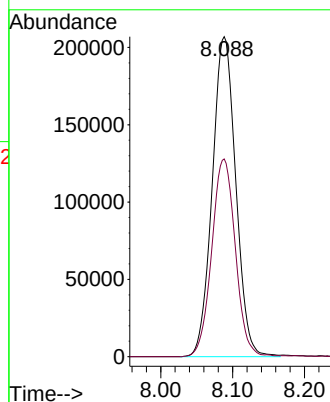
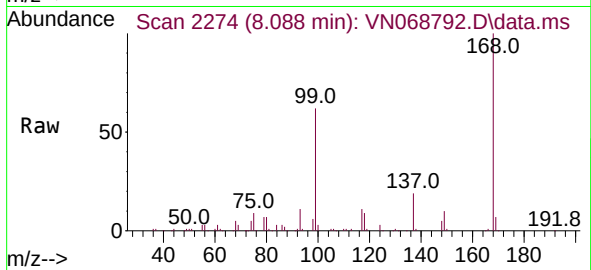
Lab File: VN068792.D

Acq: 1 Oct 2021 18:58

Tgt Ion:168 Resp: 470075

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	61.8	62.9	94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.298 min Scan# 115

Delta R.T. -0.005 min

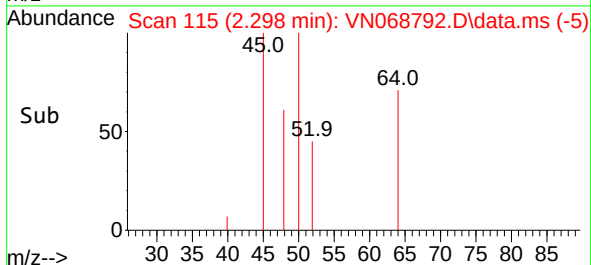
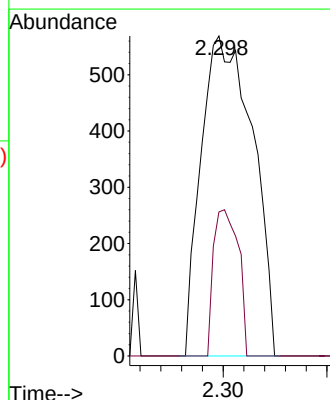
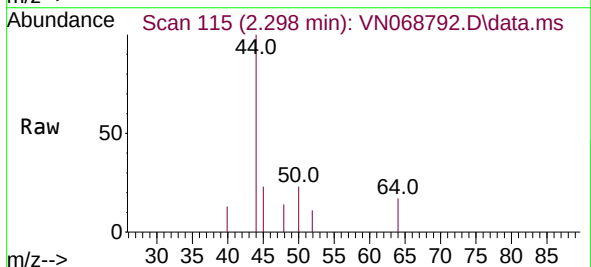
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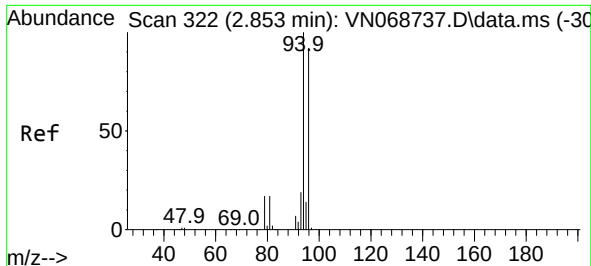
Acq: 1 Oct 2021 18:58

Tgt Ion: 50 Resp: 981

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	45.0	25.6	38.4#

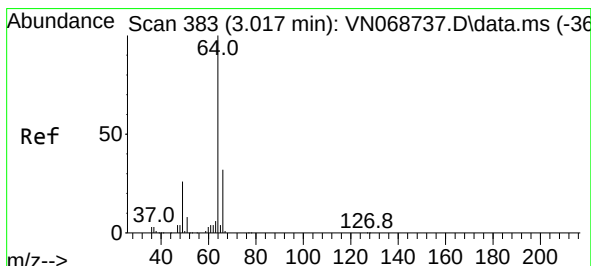
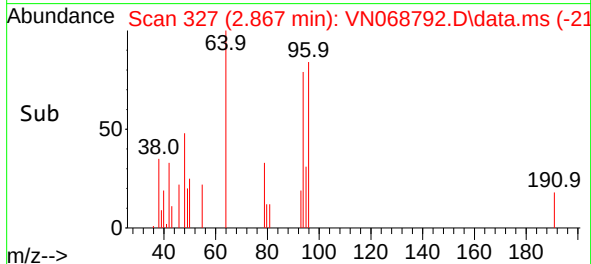
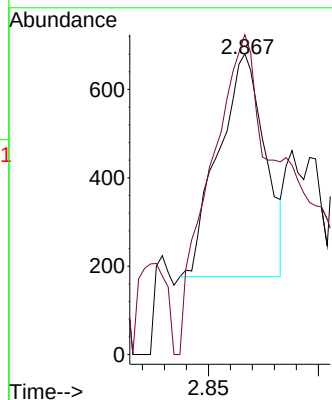
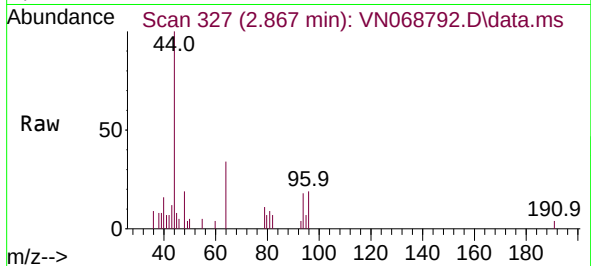




#5
Bromomethane
Concen: Below Cal
RT: 2.867 min Scan# 327
Delta R.T. 0.014 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

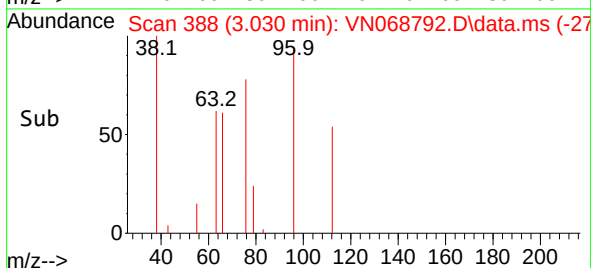
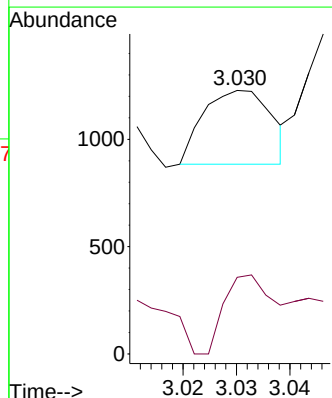
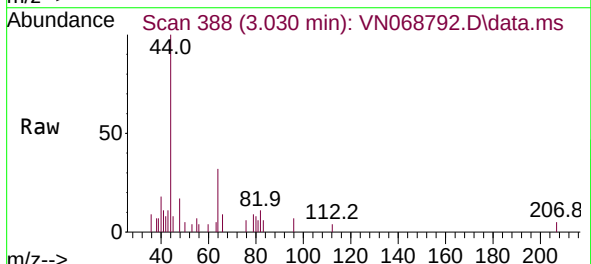
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MSVOA_N
ClientSampled :
P287-DITCH

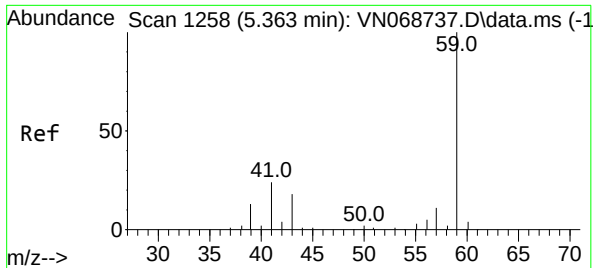
Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 143.4 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.030 min Scan# 388
Delta R.T. 0.013 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 53.2 24.7 37.1#

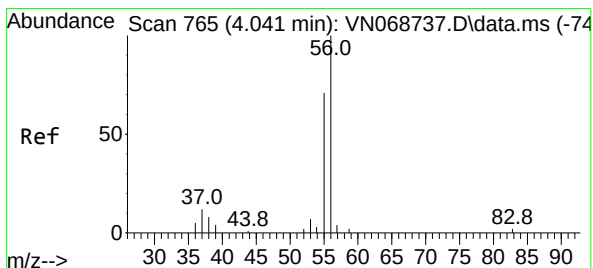
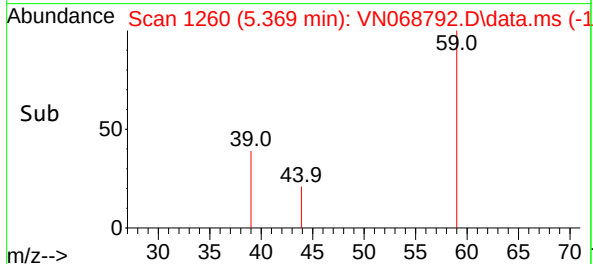
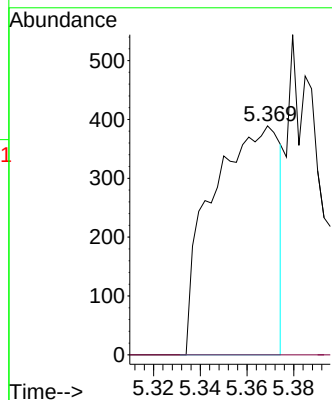
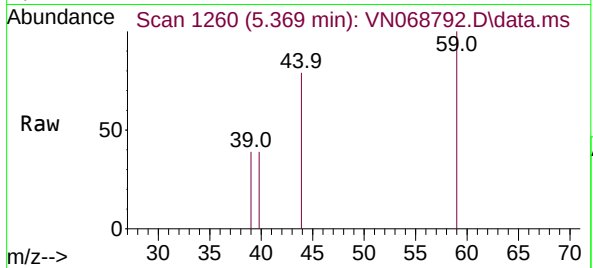




#11
Tert butyl alcohol
Concen: 0.882 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

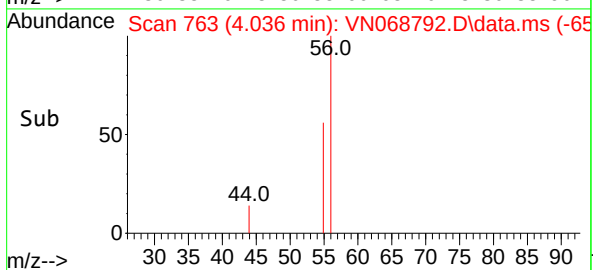
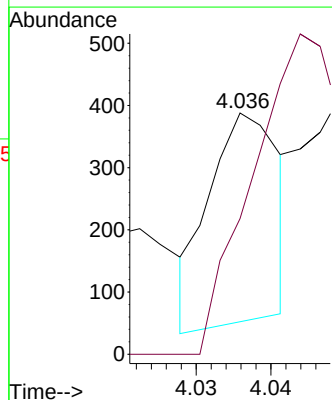
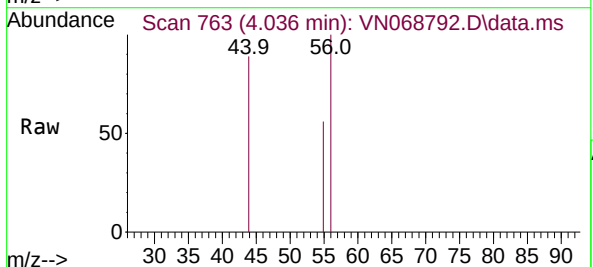
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

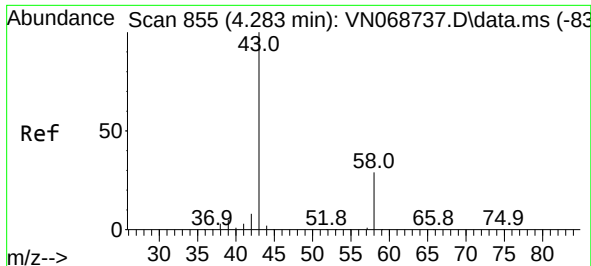
Tgt Ion: 59 Resp: 775
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

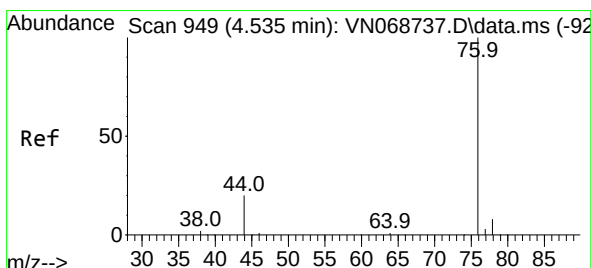
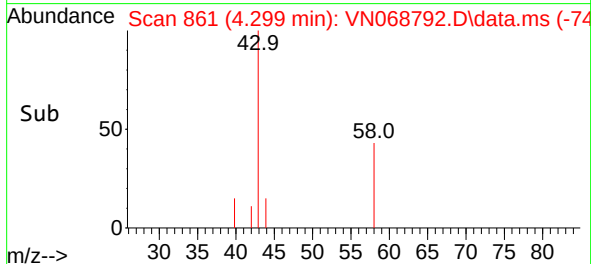
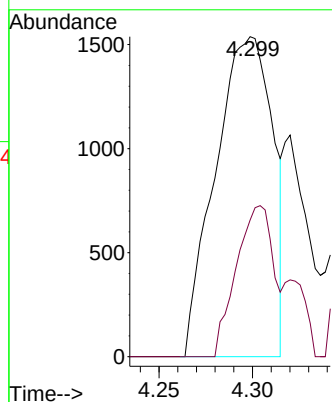
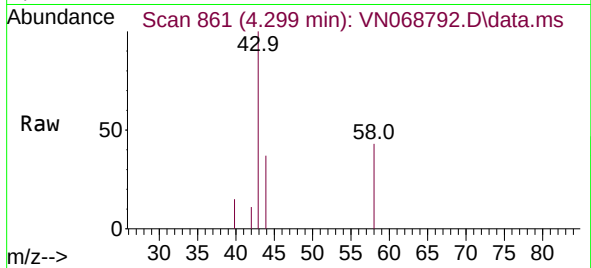




#16
Acetone
Concen: Below Cal
RT: 4.299 min Scan# 861
Delta R.T. 0.016 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

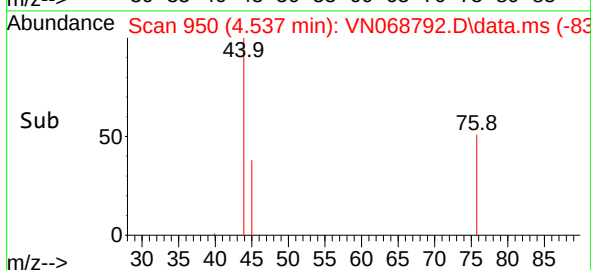
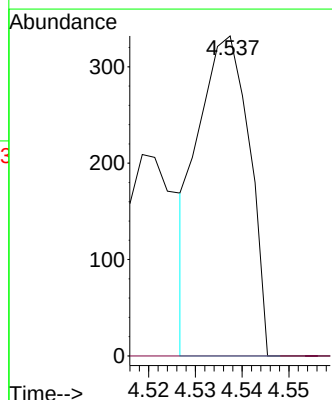
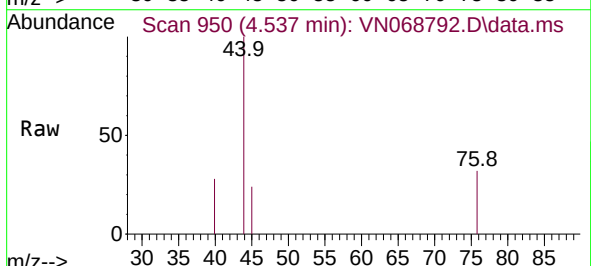
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

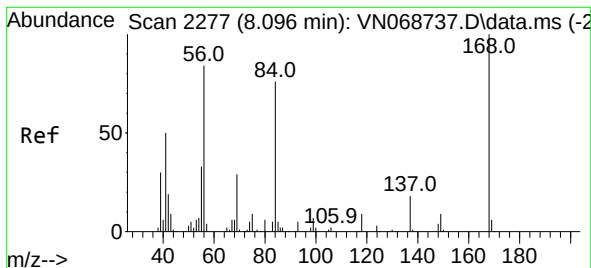
Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 42.7 21.2 31.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 76 Resp: 253
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

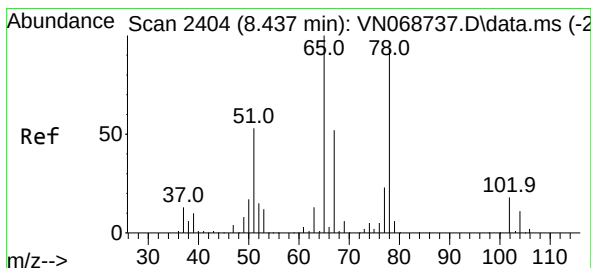
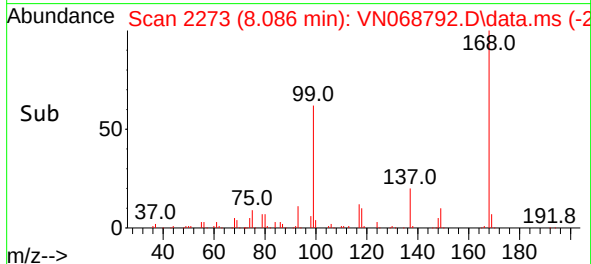
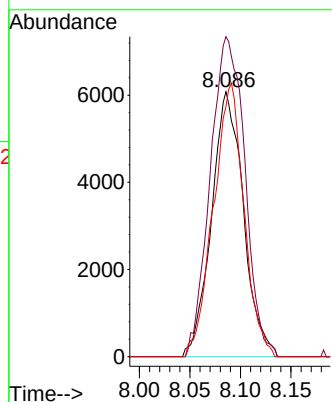
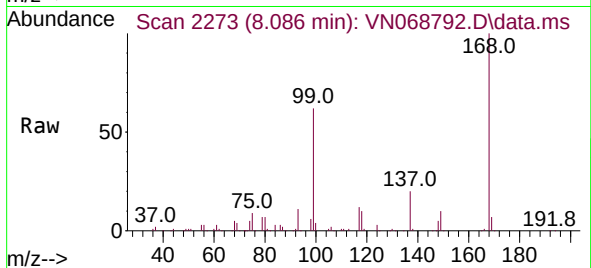




#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

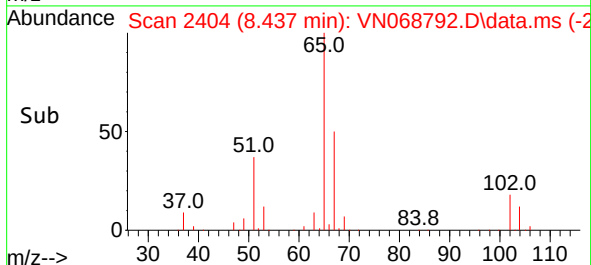
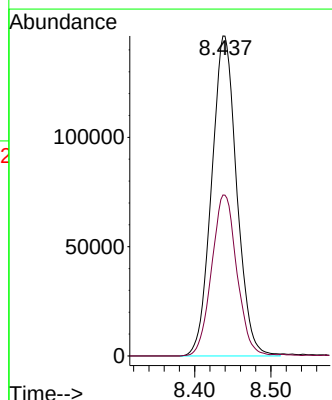
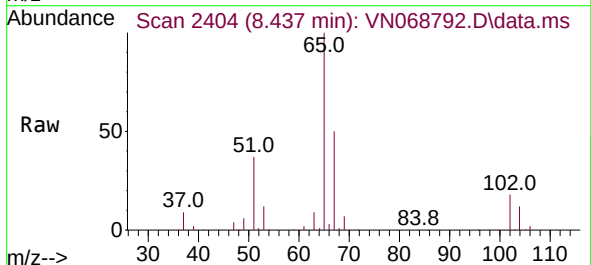
Instrument :
MSVOA_N
ClientSampleId :
P287-DITCH

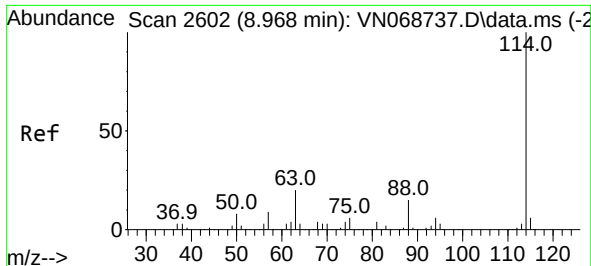
Tgt Ion: 56 Resp: 13336
Ion Ratio Lower Upper
56 100
69 120.8 27.3 40.9#
84 94.4 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 65 Resp: 335136
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

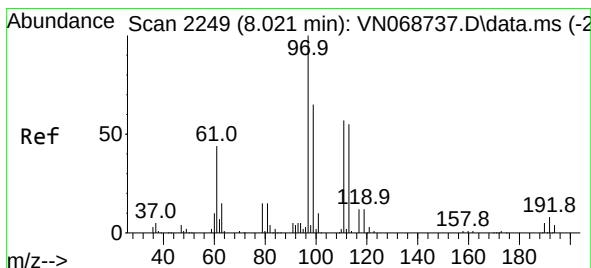
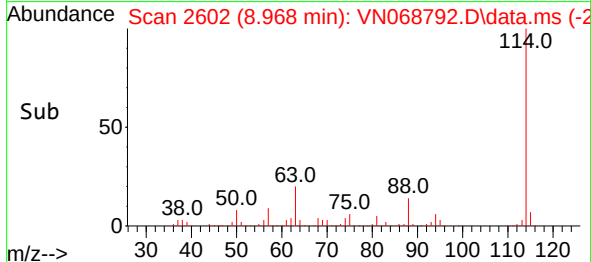
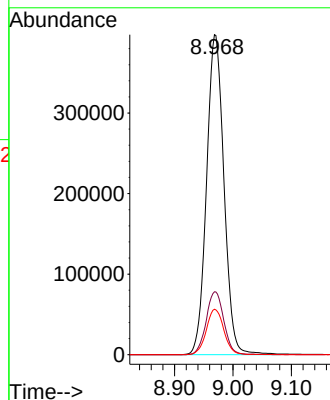
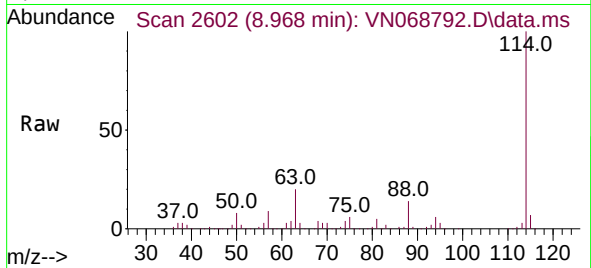




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

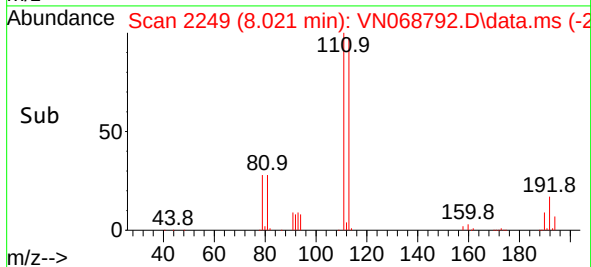
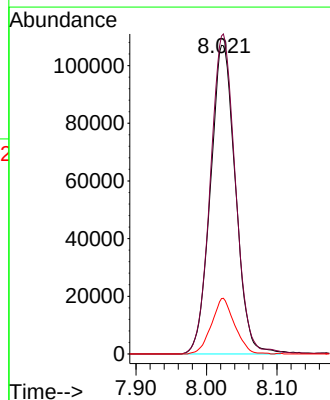
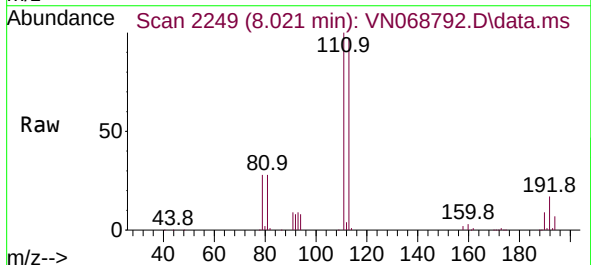
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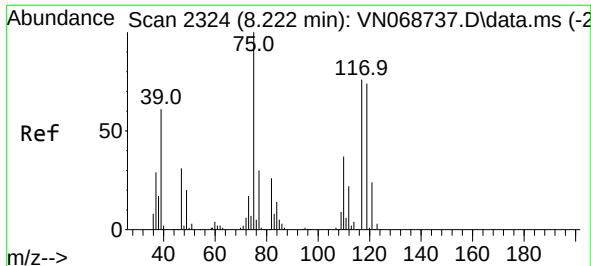
Tgt Ion:114 Resp: 822521
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion:113 Resp: 263550
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 16.7 13.4 20.0

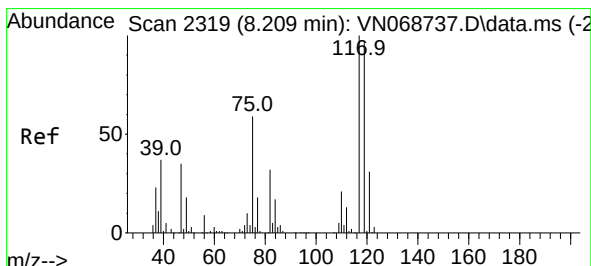
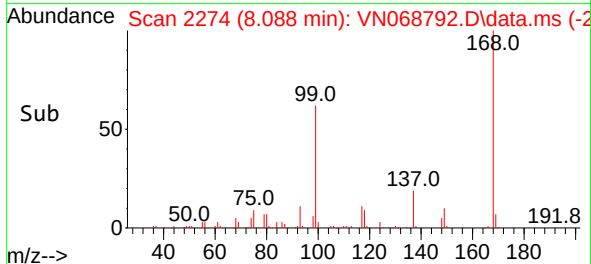
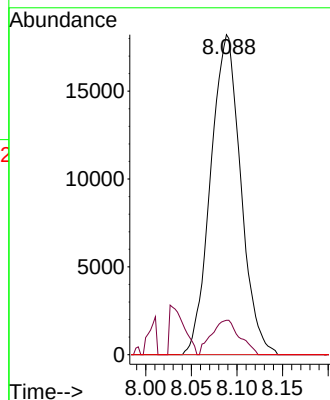
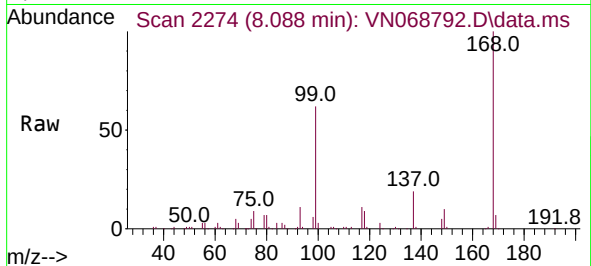




#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

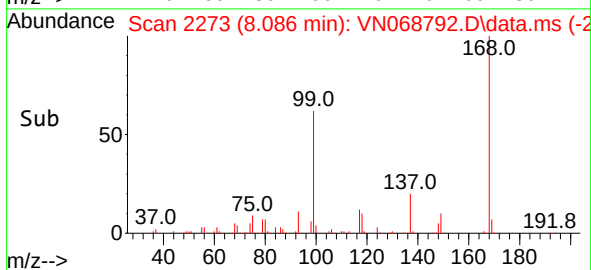
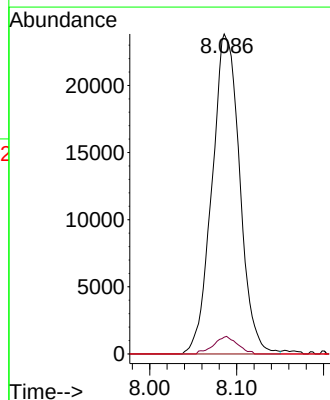
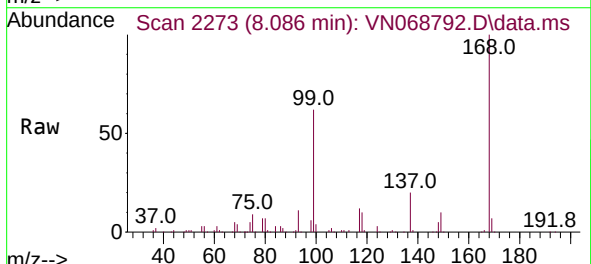
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

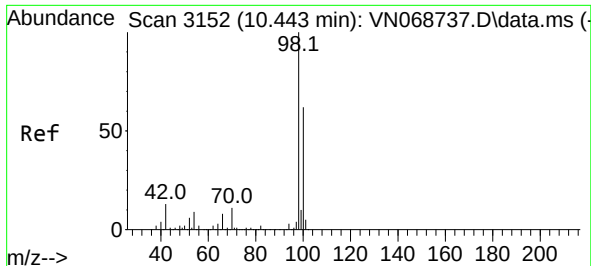
Tgt Ion: 75 Resp: 41874
Ion Ratio Lower Upper
75 100
110 10.1 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 117 Resp: 52743
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

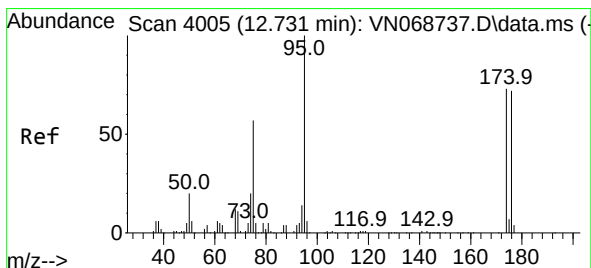
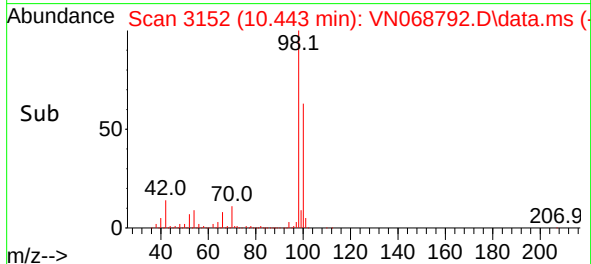
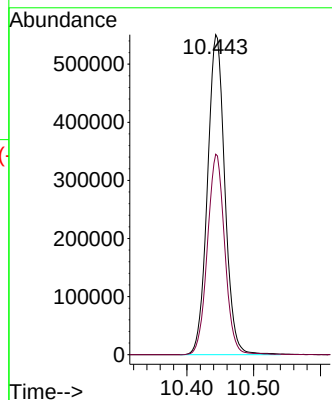
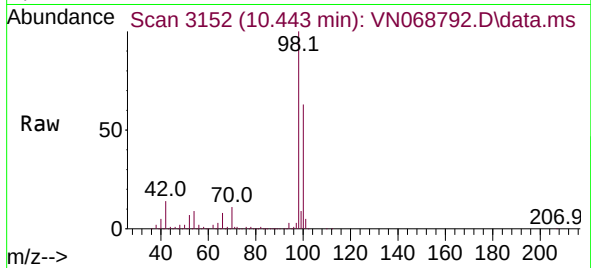




#50
Toluene-d8
Concen: 53.313 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

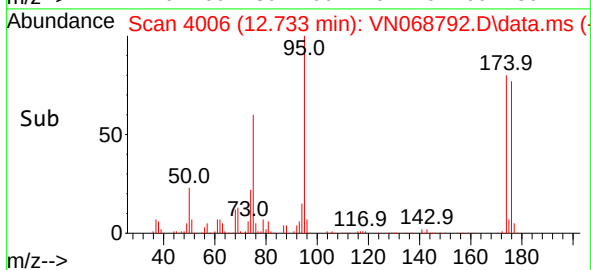
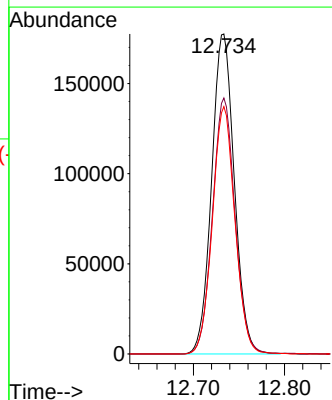
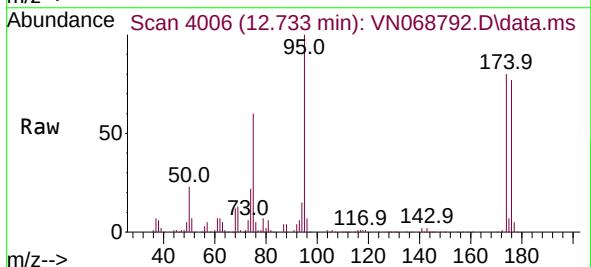
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

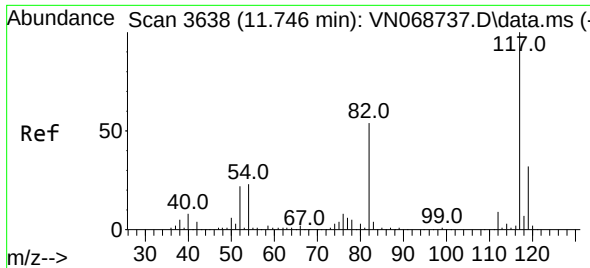
Tgt Ion: 98 Resp: 995602
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.289 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 95 Resp: 306861
Ion Ratio Lower Upper
95 100
174 79.6 0.0 122.0
176 76.9 0.0 117.6

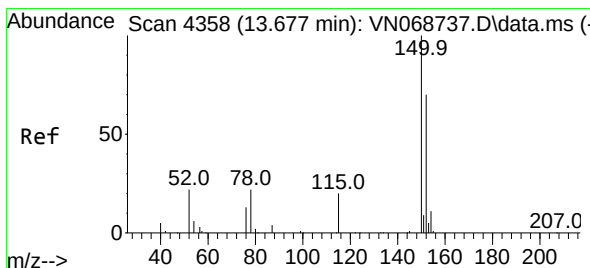
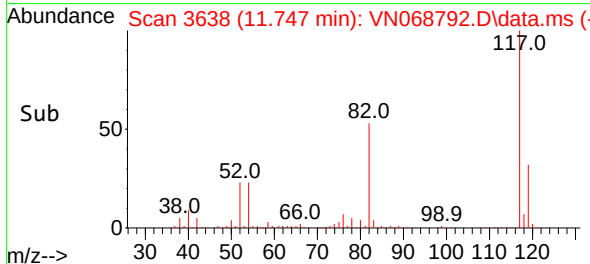
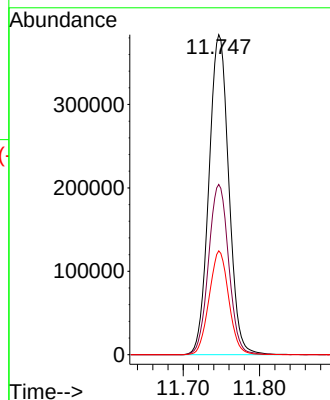
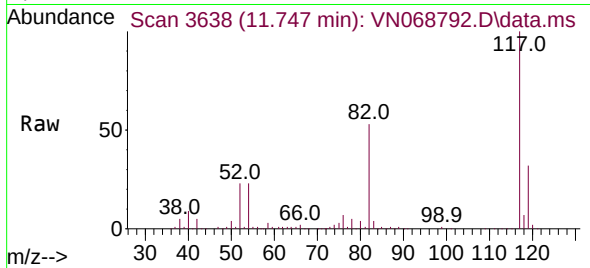




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

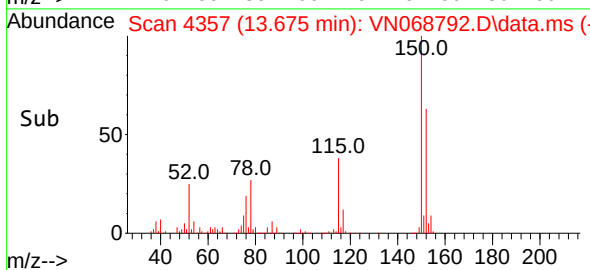
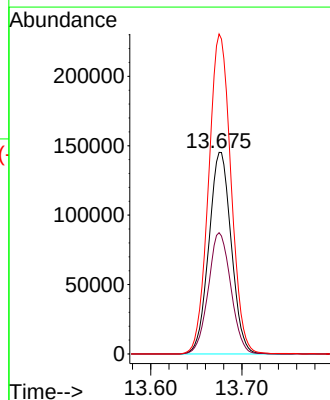
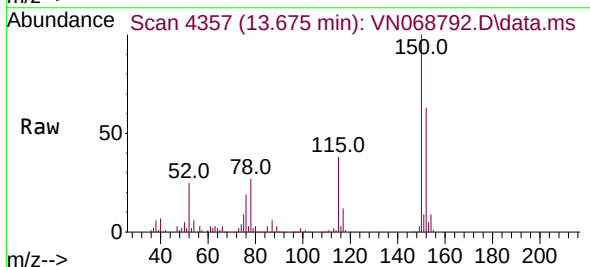
Instrument :
MSVOA_N
ClientSampleId :
P287-DITCH

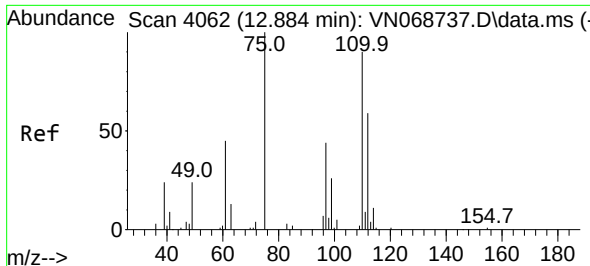
Tgt Ion:117 Resp: 692165
Ion Ratio Lower Upper
117 100
82 53.2 53.1 79.7
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion:152 Resp: 247794
Ion Ratio Lower Upper
152 100
115 60.6 36.1 108.5
150 158.7 0.0 351.8

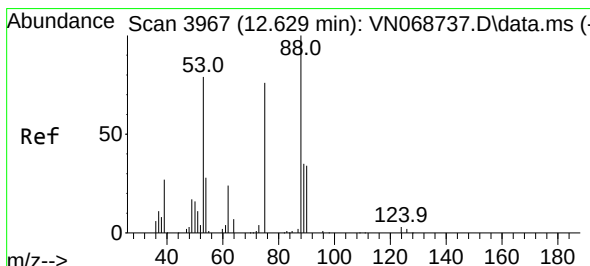
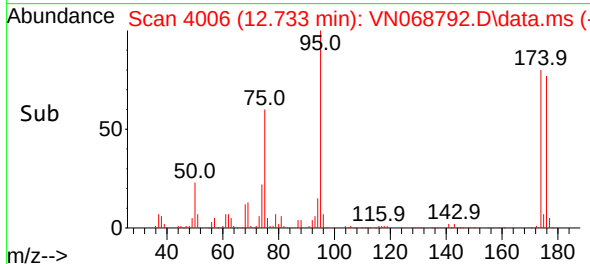
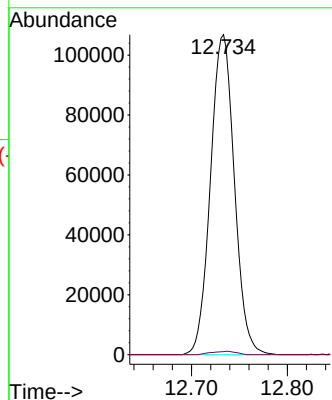
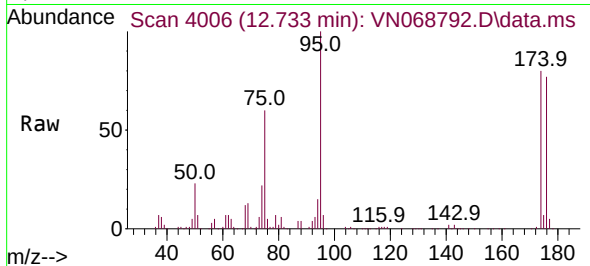




#76
1,2,3-Trichloropropane
Concen: 33.538 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

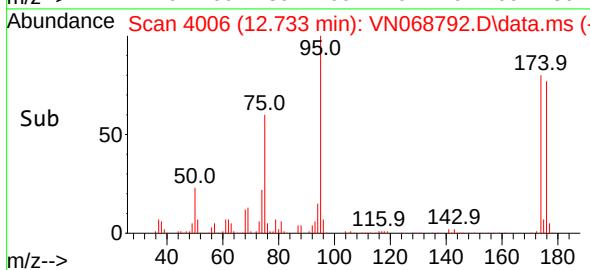
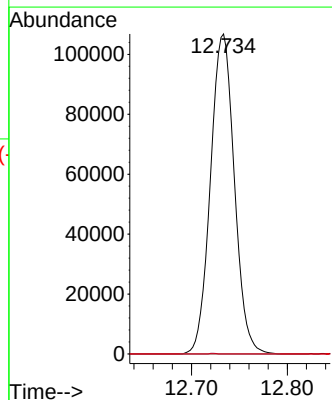
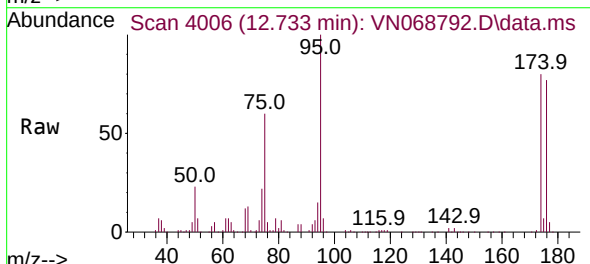
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

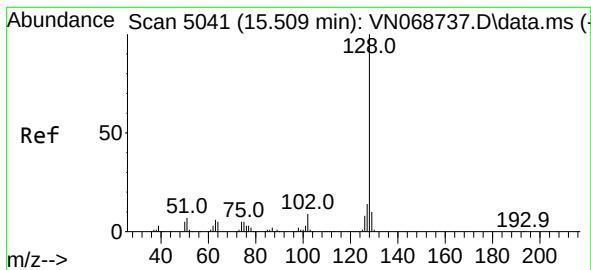
Tgt Ion: 75 Resp: 184817
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.495 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

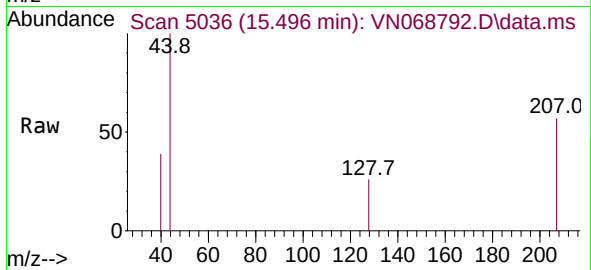
Tgt Ion: 75 Resp: 184817
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.455 ug/l
RT: 15.496 min Scan# 5036
Delta R.T. -0.013 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Instrument :
MSVOA_N
ClientSampleId :
P287-DITCH



Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

