

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068485.D
 Acq On : 15 Sep 2021 15:43
 Operator : JC/MD
 Sample : M3730-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WALL-BRICK-FLOOR

Quant Time: Sep 16 03:15:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

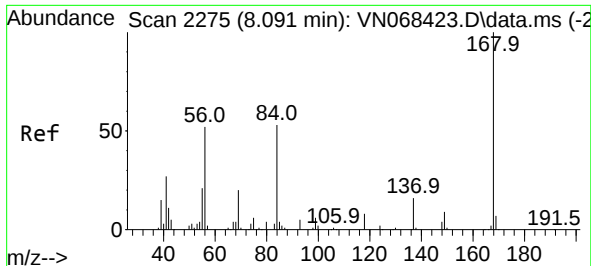
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	513797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	748310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	689173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	265483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	260010	55.168	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.340%			
35) Dibromofluoromethane	8.027	113	237460	52.614	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.220%			
50) Toluene-d8	10.446	98	907564	55.358	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.720%			
62) 4-Bromofluorobenzene	12.734	95	262522	50.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.374	59	148	Below Cal	#	84
16) Acetone	4.293	43	48963	31.394	ug/l	96
18) Methyl Acetate	4.849	43	651	Below Cal	#	71
20) Methylene Chloride	5.106	84	28883	5.335	ug/l	99
25) 2-Butanone	7.345	43	8164	3.565	ug/l	97
29) Tetrahydrofuran	7.678	42	402	0.269	ug/l	# 29
31) Cyclohexane	8.088	56	8496	1.190	ug/l	# 14
36) 1,1-Dichloropropene	8.086	75	32839	5.264	ug/l	# 48
38) Carbon Tetrachloride	8.088	117	49136	6.574	ug/l	# 15
43) Isopropyl Acetate	8.566	43	16389	1.957	ug/l	# 81
48) Methyl methacrylate	9.547	41	6788	1.941	ug/l	# 19
49) 1,4-Dioxane	9.580	88	24	0.299	ug/l	# 30
51) 4-Methyl-2-Pentanone	10.336	43	13874	2.903	ug/l	# 77
54) cis-1,3-Dichloropropene	10.245	75	43320	6.128	ug/l	# 65
57) 1,3-Dichloropropane	11.092	76	7292	0.973	ug/l	# 42
59) 2-Hexanone	11.095	43	112281	35.078	ug/l	# 43
76) 1,2,3-Trichloropropane	12.734	75	133602	31.880	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.734	75	133602	111.528	ug/l	# 13
89) n-Butylbenzene	13.940	91	2351	0.207	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	1914	0.479	ug/l	92
95) Naphthalene	15.509	128	6031	4.030	ug/l	# 92
96) 1,2,3-Trichlorobenzene	15.703	180	2046	0.537	ug/l	# 88

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

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Quant Title : SW846 8260
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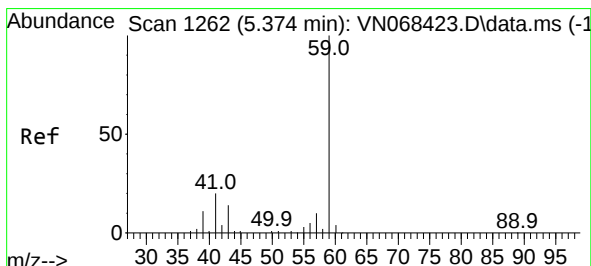
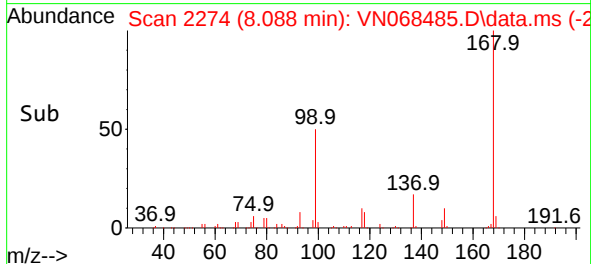
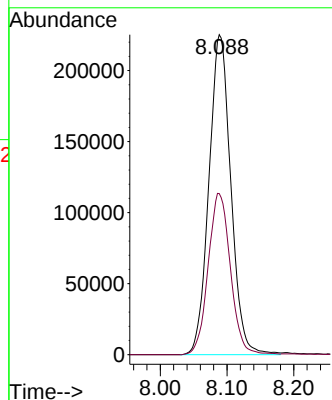
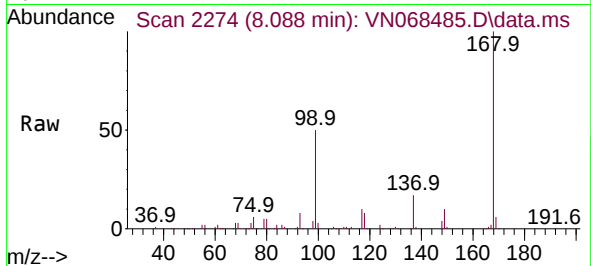




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

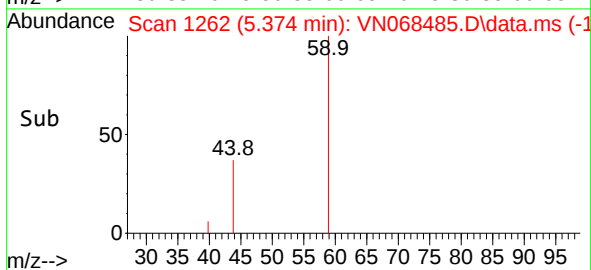
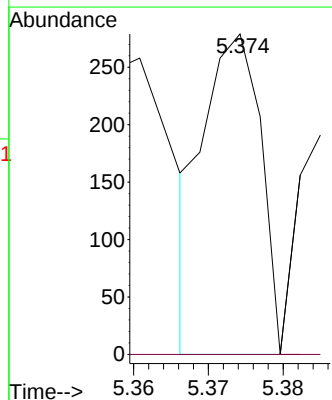
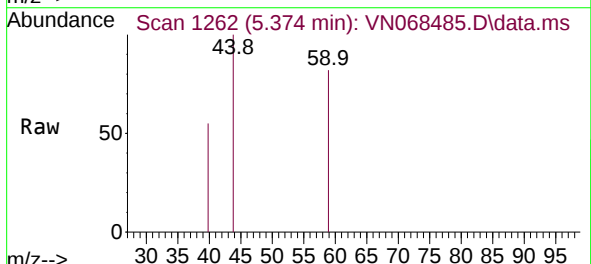
Instrument :
MSVOA_N
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WALL-BRICK-FLOOR

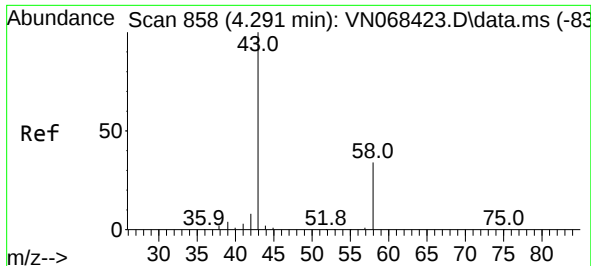
Tgt Ion:168 Resp: 513797
Ion Ratio Lower Upper
168 100
99 50.3 38.2 57.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.374 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

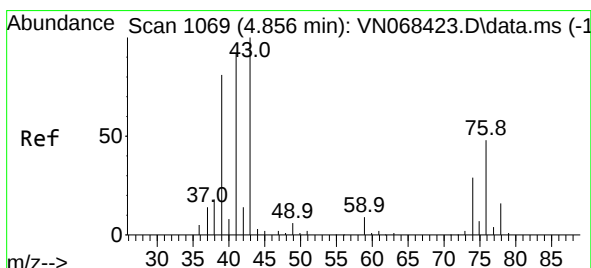
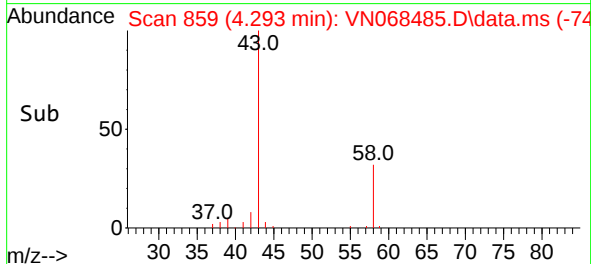
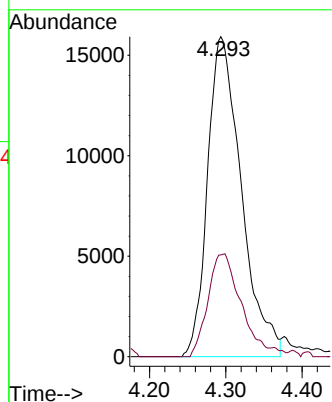
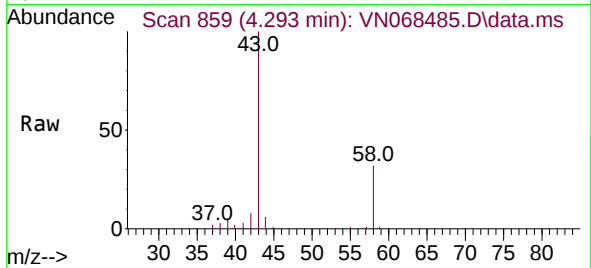




#16
Acetone
Concen: 31.394 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

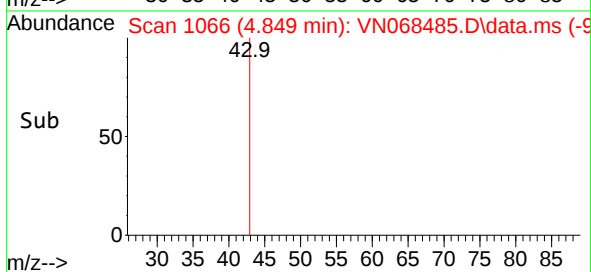
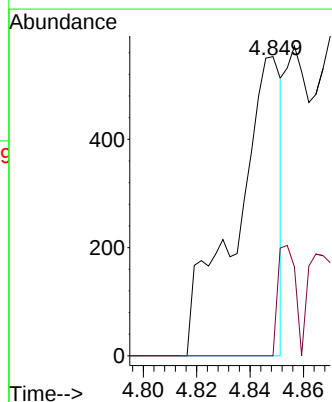
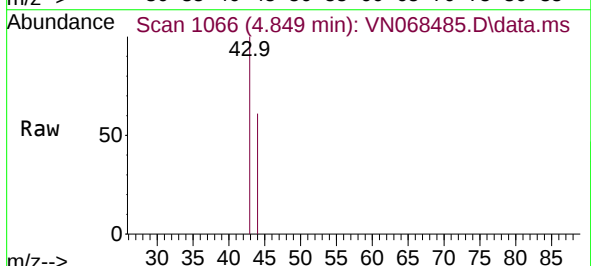
Instrument :
MSVOA_N
ClientSampleId :
WALL-BRICK-FLOOR

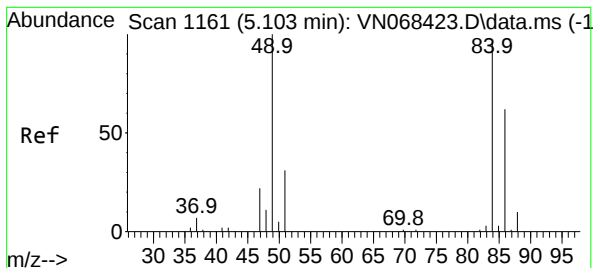
Tgt Ion: 43 Resp: 48963
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.849 min Scan# 1066
Delta R.T. -0.007 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
74 14.0 23.5 35.3#





#20

Methylene Chloride

Concen: 5.335 ug/l

RT: 5.106 min Scan# 1162

Delta R.T. 0.003 min

Lab File: VN068485.D

Acq: 15 Sep 2021 15:43

Tgt Ion: 84 Resp: 28883

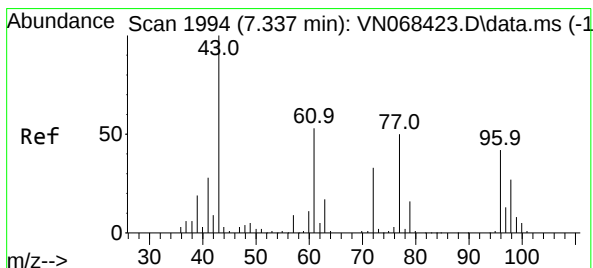
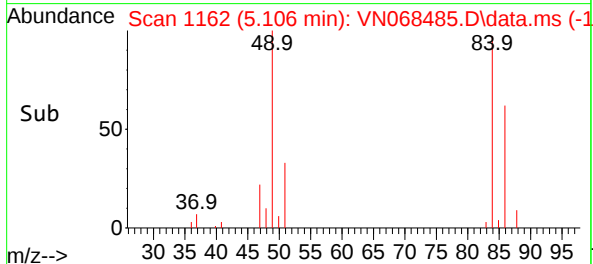
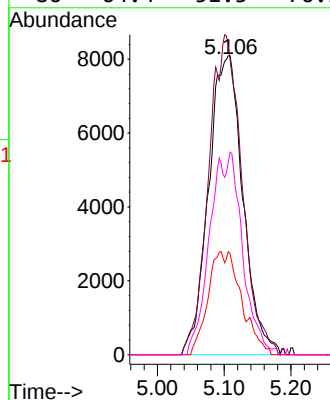
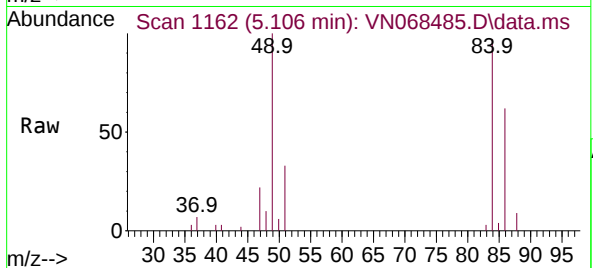
Ion Ratio Lower Upper

84 100

49 103.5 83.0 124.6

51 34.4 25.4 38.0

86 64.4 51.3 76.9



#25

2-Butanone

Concen: 3.565 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN068485.D

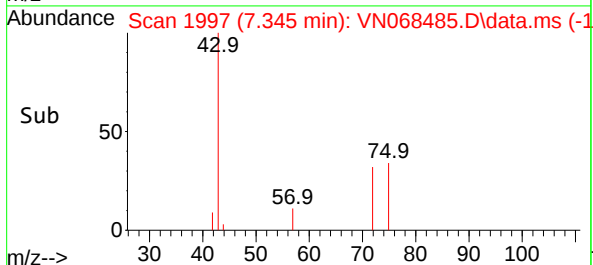
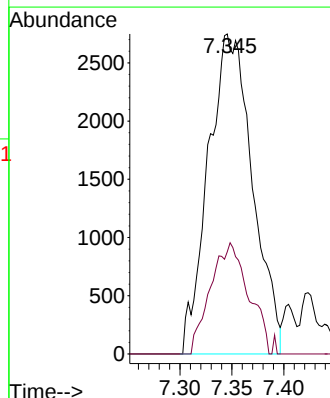
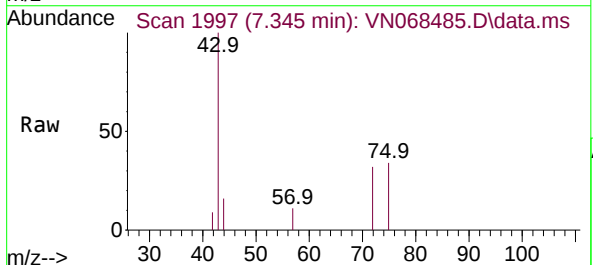
Acq: 15 Sep 2021 15:43

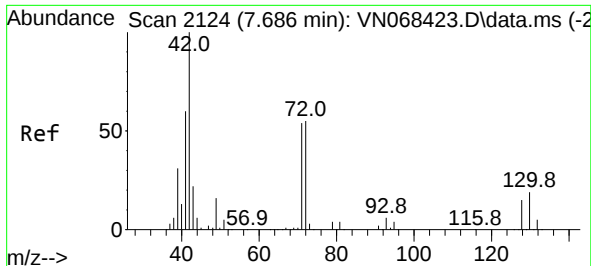
Tgt Ion: 43 Resp: 8164

Ion Ratio Lower Upper

43 100

72 31.9 26.7 40.1





#29

Tetrahydrofuran

Concen: 0.269 ug/l

RT: 7.678 min Scan# 2121

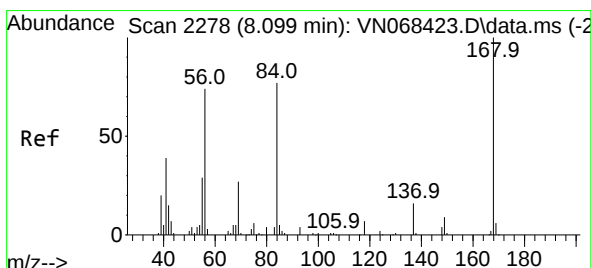
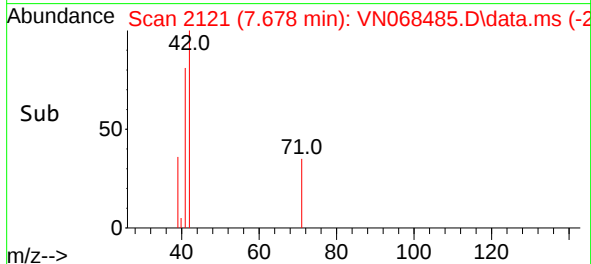
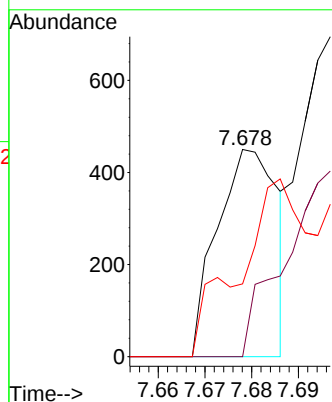
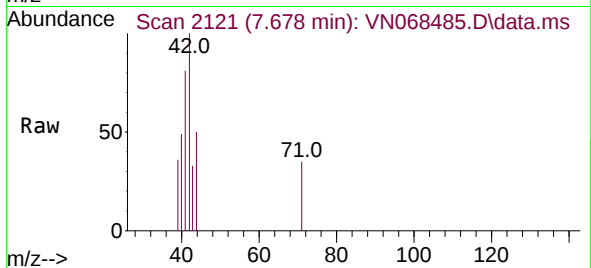
Delta R.T. -0.008 min

Lab File: VN068485.D

Acq: 15 Sep 2021 15:43

Tgt Ion:	42	Resp:	402
Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.4	66.6#
71	99.5	42.3	63.5#

Instrument :
MSVOA_N
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WALL-BRICK-FLOOR



#31

Cyclohexane

Concen: 1.190 ug/l

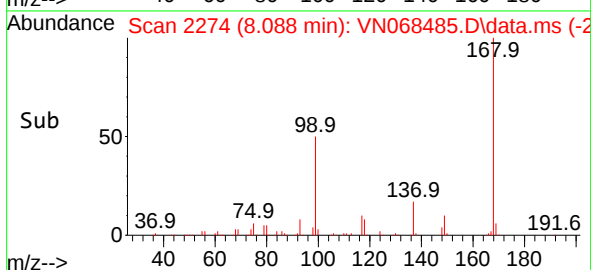
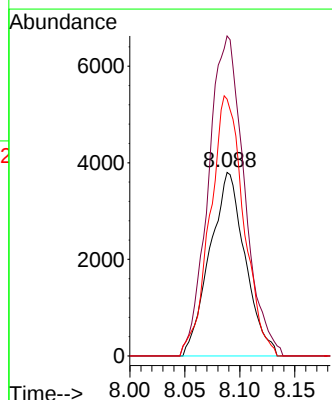
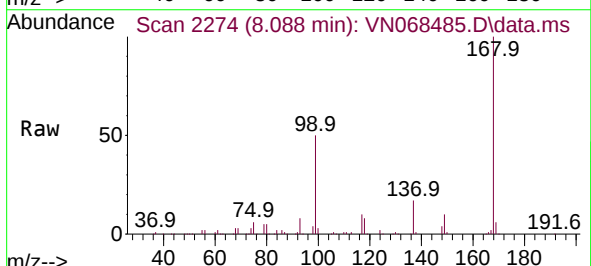
RT: 8.088 min Scan# 2274

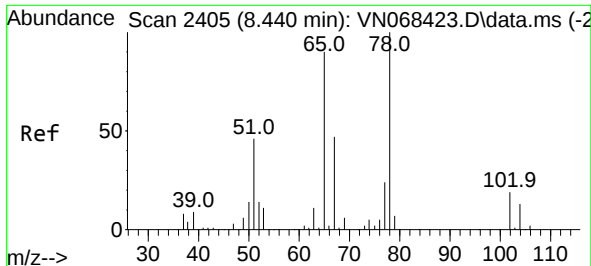
Delta R.T. -0.011 min

Lab File: VN068485.D

Acq: 15 Sep 2021 15:43

Tgt Ion:	56	Resp:	8496
Ion	Ratio	Lower	Upper
56	100		
69	174.4	29.4	44.0#
84	139.9	83.6	125.4#

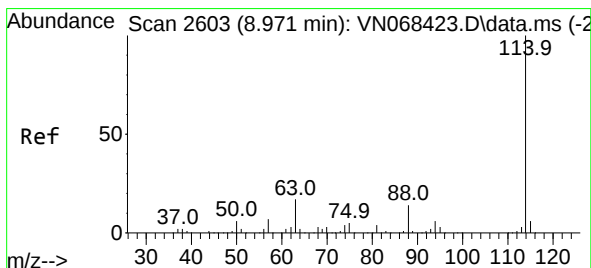
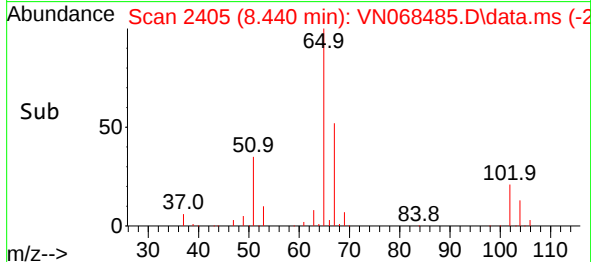
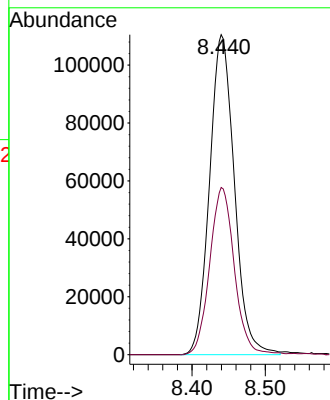
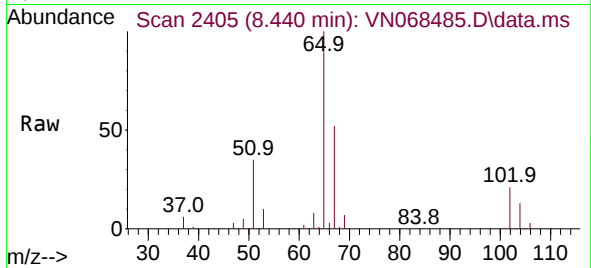




#33
 1,2-Dichloroethane-d4
 Concen: 55.168 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068485.D
 Acq: 15 Sep 2021 15:43

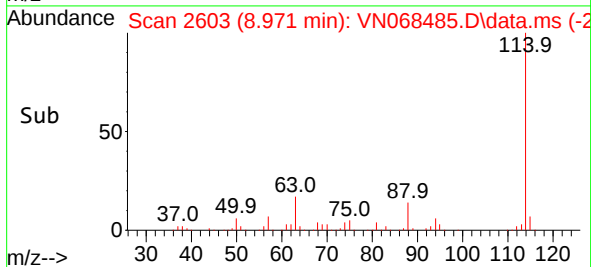
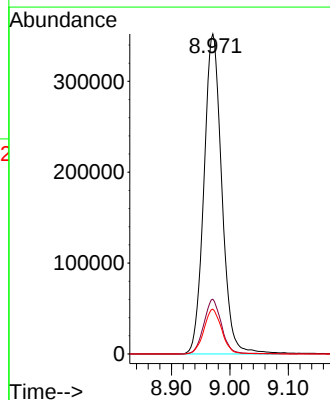
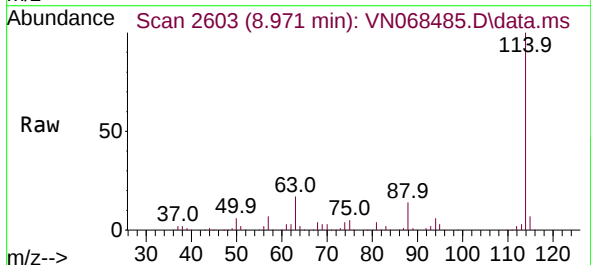
Instrument :
 MSVOA_N
 ClientSampleId :
 WALL-BRICK-FLOOR

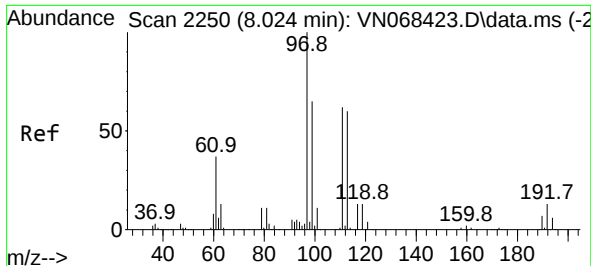
Tgt Ion: 65 Resp: 260010
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068485.D
 Acq: 15 Sep 2021 15:43

Tgt Ion: 114 Resp: 748310
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.2
 88 14.0 0.0 28.4

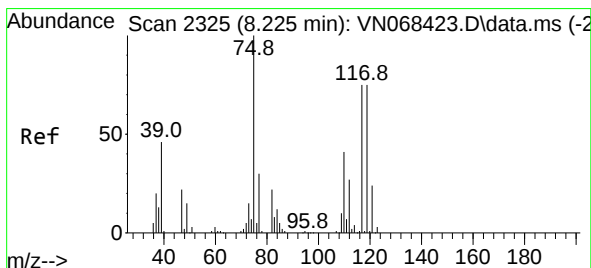
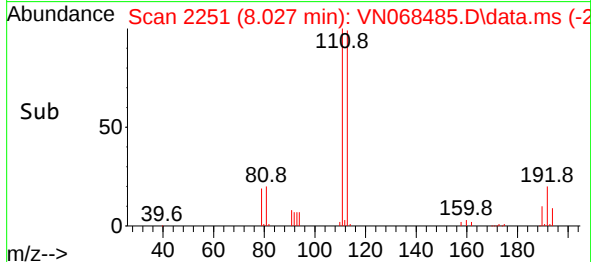
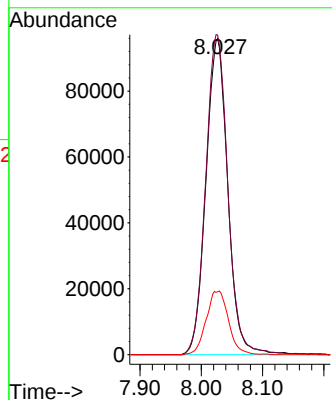
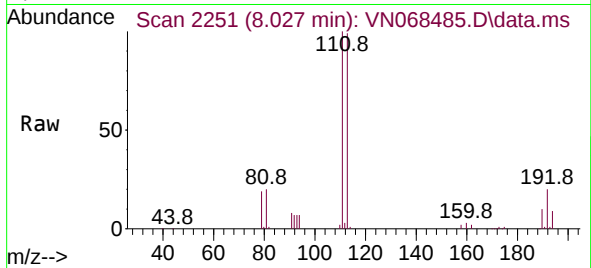




#35
Dibromofluoromethane
Concen: 52.614 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

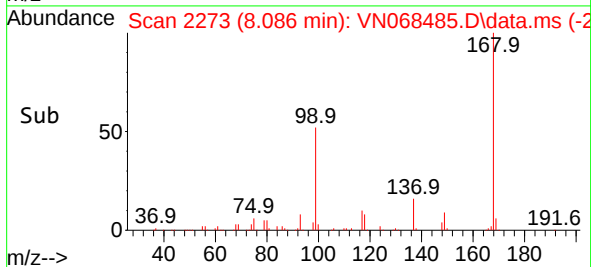
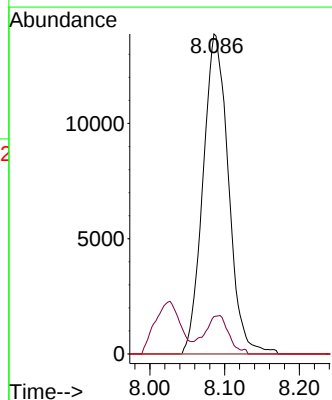
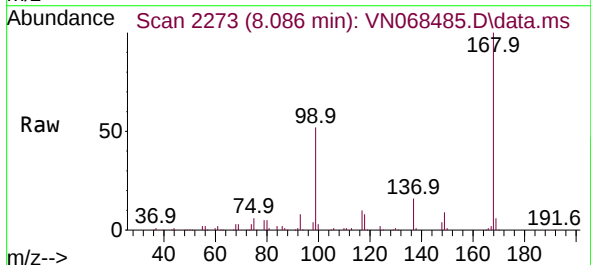
Instrument :
MSVOA_N
ClientSampleId :
WALL-BRICK-FLOOR

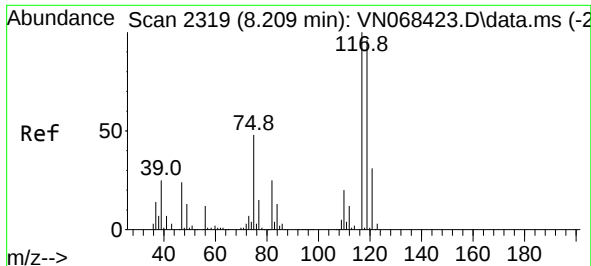
Tgt Ion:113 Resp: 237460
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 20.5 17.7 26.5



#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.139 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 75 Resp: 32839
Ion Ratio Lower Upper
75 100
110 11.3 20.8 62.5#
77 0.0 25.0 37.6#

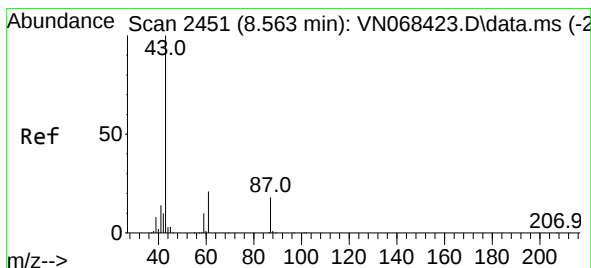
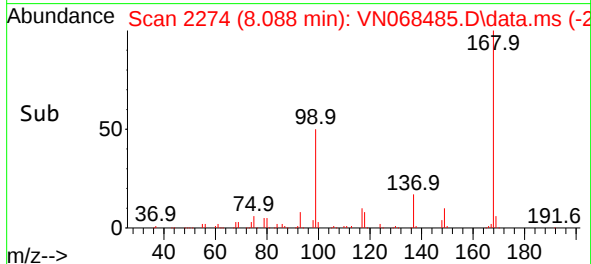
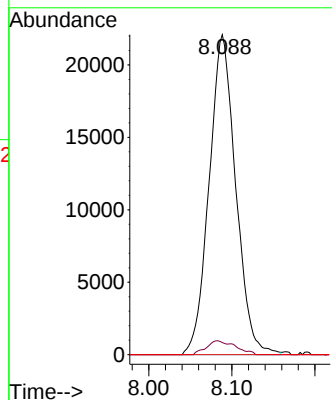
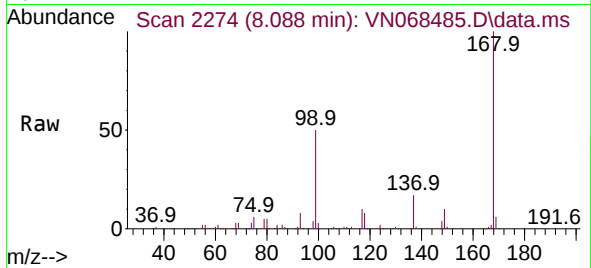




#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

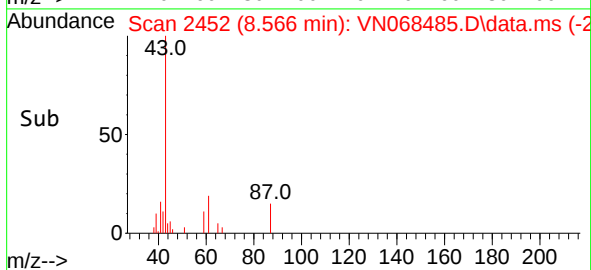
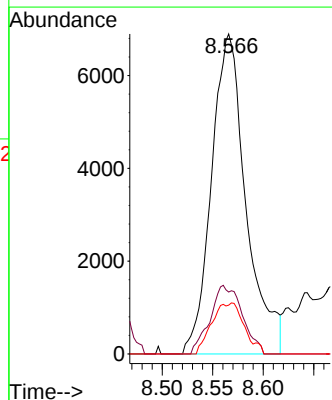
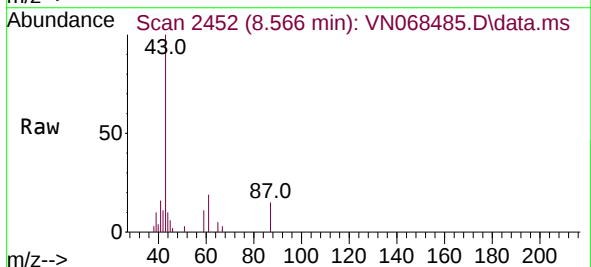
Instrument :
MSVOA_N
ClientSampleId :
WALL-BRICK-FLOOR

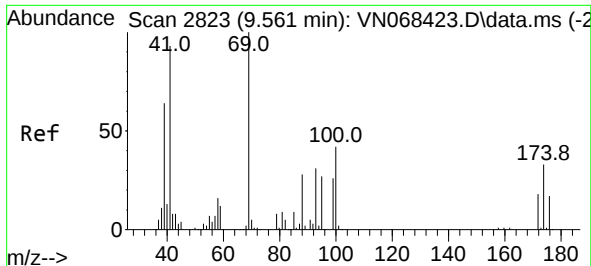
Tgt Ion:117 Resp: 49136
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.957 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 43 Resp: 16389
Ion Ratio Lower Upper
43 100
61 20.0 23.3 34.9#
87 7.2 13.8 20.6#

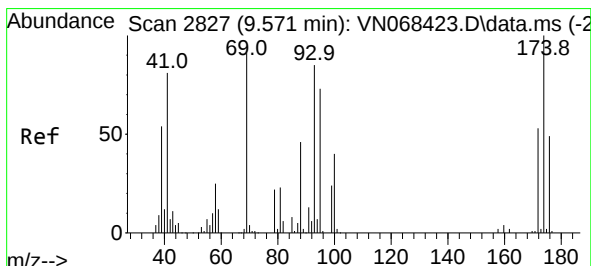
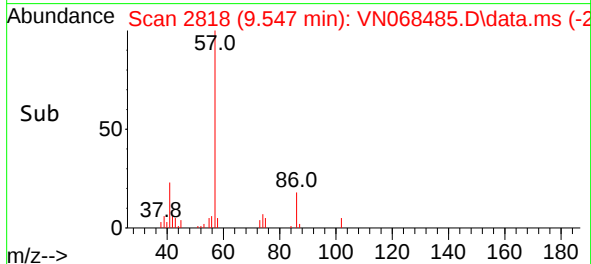
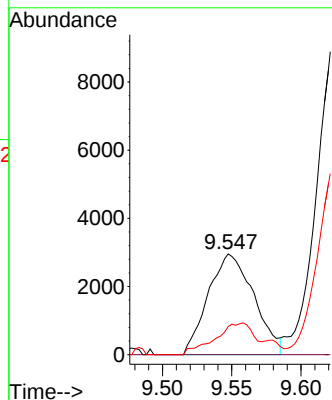
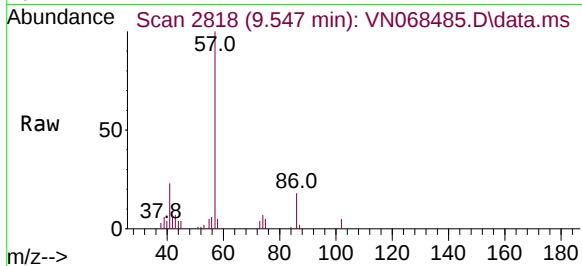




#48
Methyl methacrylate
Concen: 1.941 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.013 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

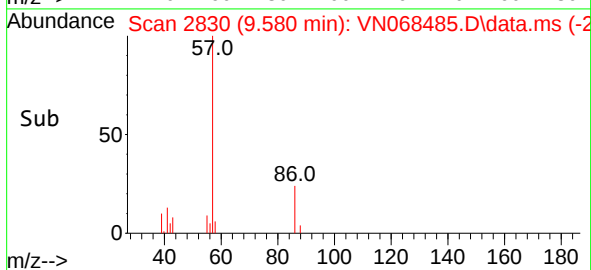
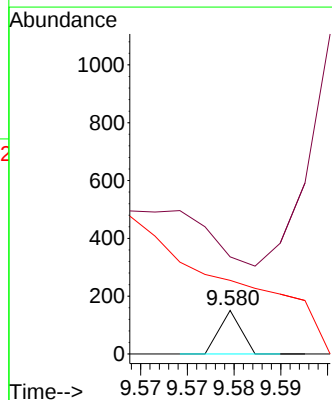
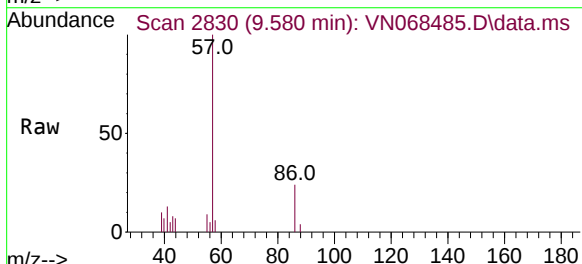
Instrument :
MSVOA_N
ClientSampleId :
WALL-BRICK-FLOOR

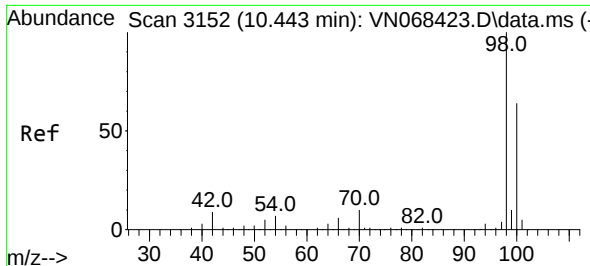
Tgt Ion: 41 Resp: 6788
Ion Ratio Lower Upper
41 100
69 0.0 82.9 124.3#
39 26.7 50.3 75.5#



#49
1,4-Dioxane
Concen: 0.299 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.008 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 18.9 28.3#
58 0.0 46.6 69.8#

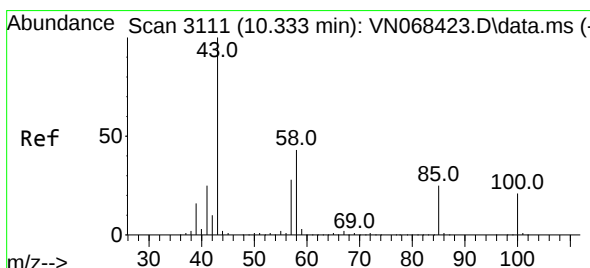
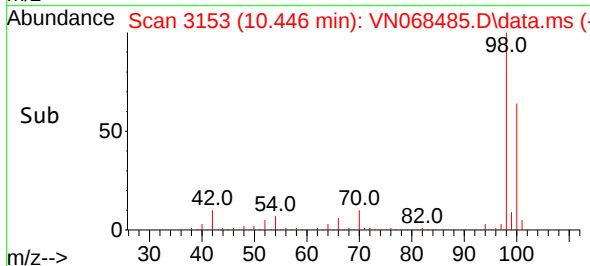
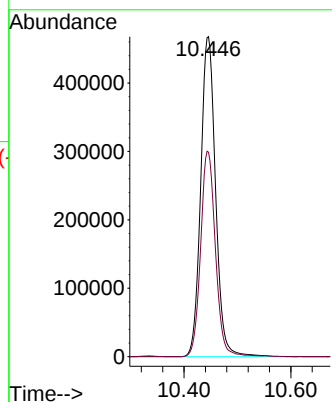
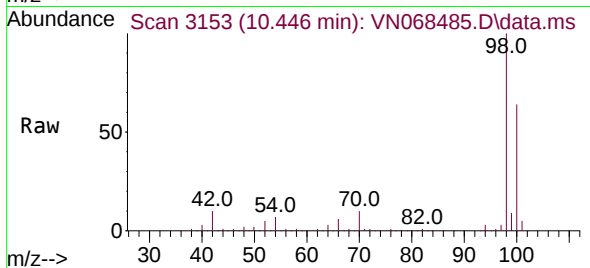




#50
Toluene-d8
Concen: 55.358 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

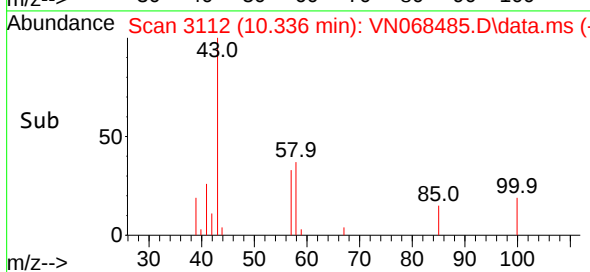
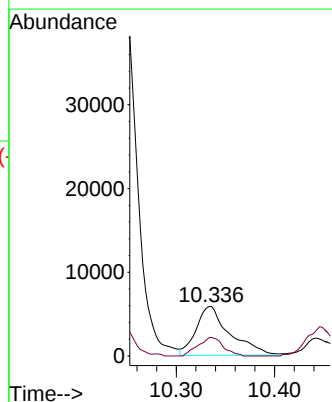
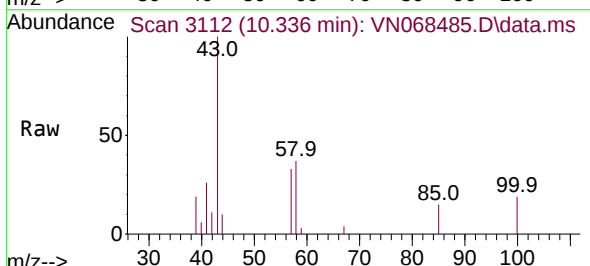
Instrument :
MSVOA_N
ClientSampleId :
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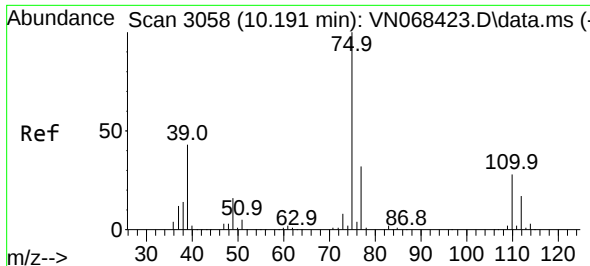
Tgt Ion: 98 Resp: 907564
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 2.903 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 43 Resp: 13874
Ion Ratio Lower Upper
43 100
58 28.3 34.3 51.5#

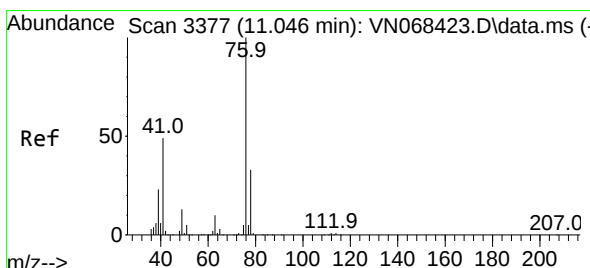
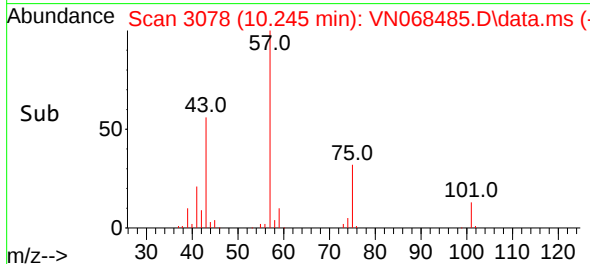
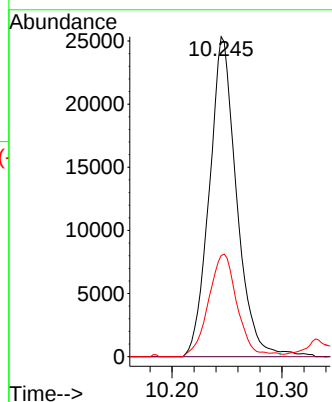
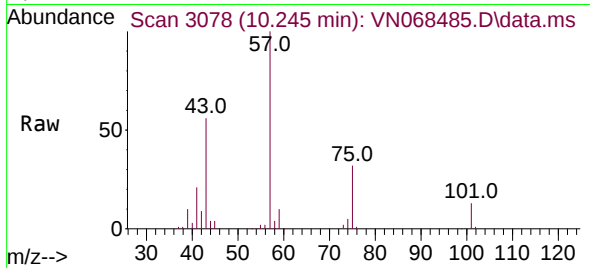




#54
cis-1,3-Dichloropropene
Concen: 6.128 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

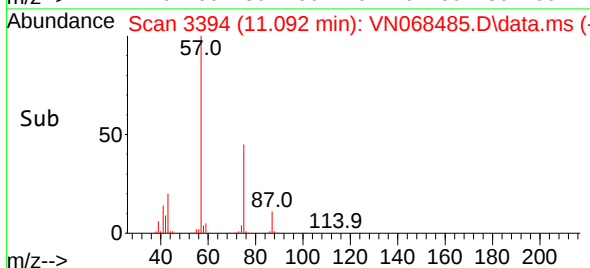
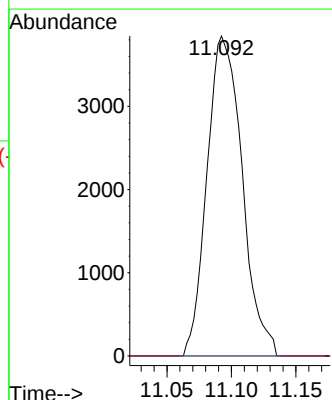
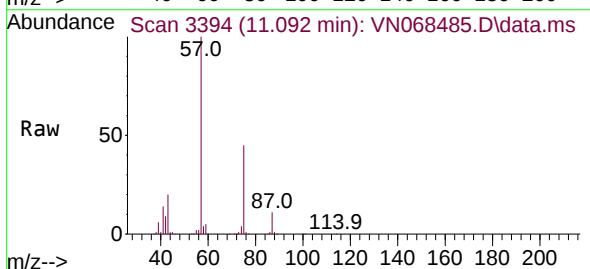
Instrument :
MSVOA_N
ClientSampleId :
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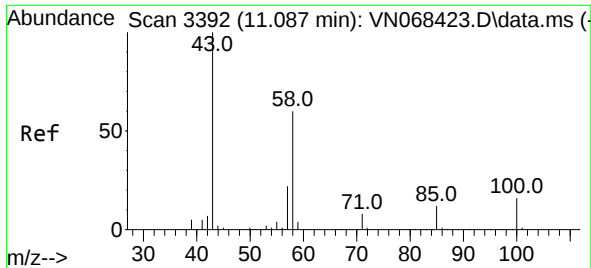
Tgt Ion: 75 Resp: 43320
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 30.7 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 0.973 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 76 Resp: 7292
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

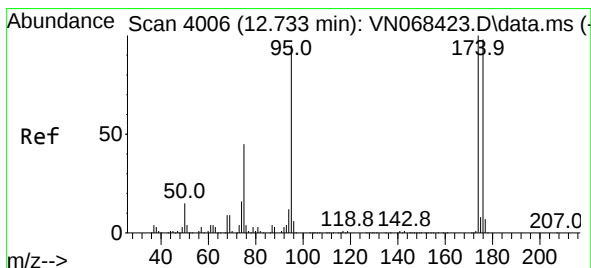
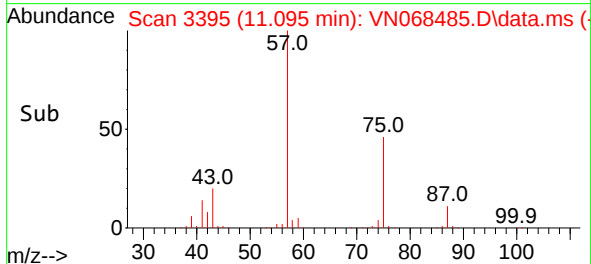
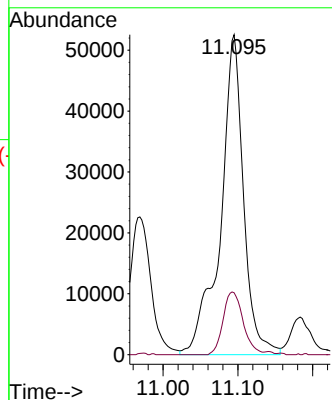
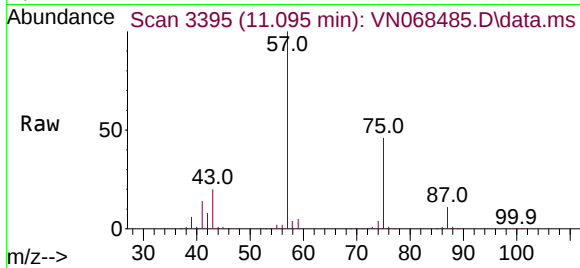




#59
2-Hexanone
Concen: 35.078 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

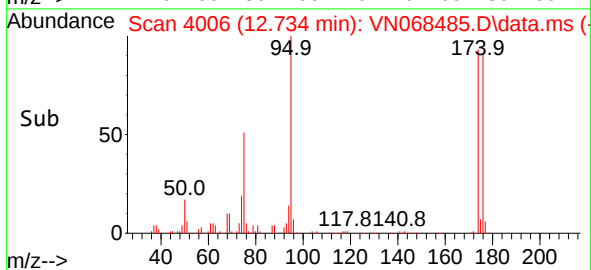
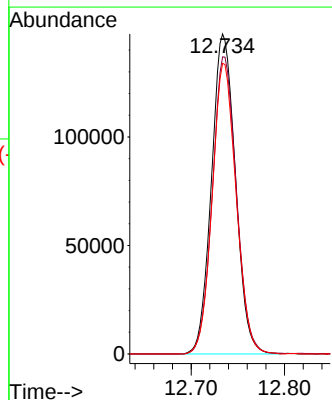
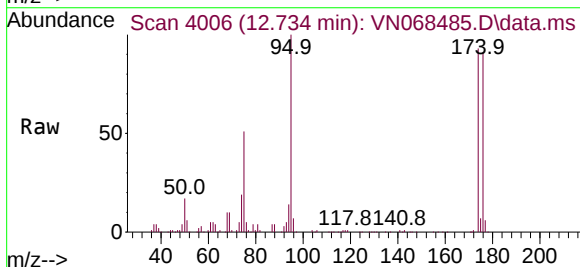
Instrument :
MSVOA_N
ClientSampleId :
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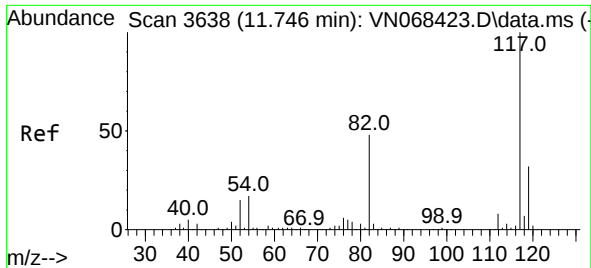
Tgt Ion: 43 Resp: 112281
Ion Ratio Lower Upper
43 100
58 17.1 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 95 Resp: 262522
Ion Ratio Lower Upper
95 100
174 93.6 0.0 214.0
176 90.7 0.0 205.4

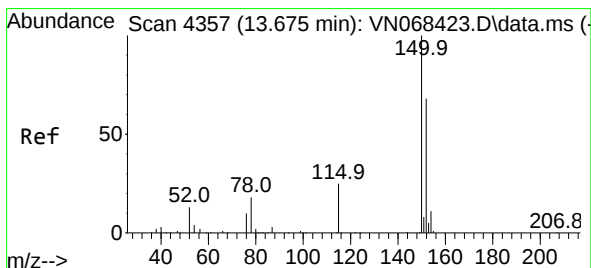
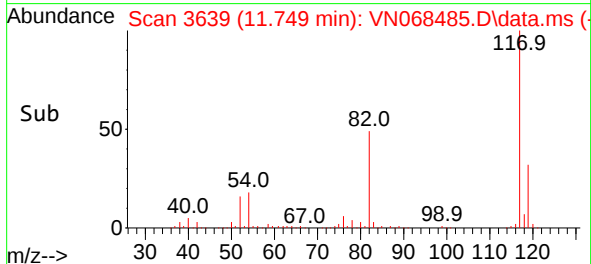
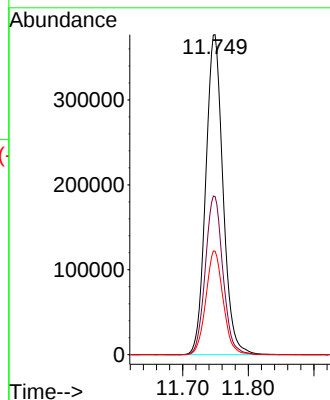
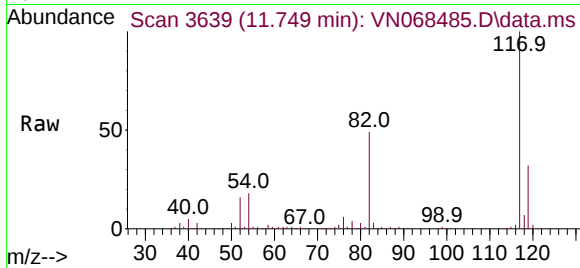




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

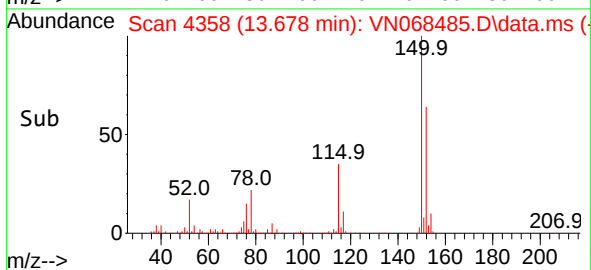
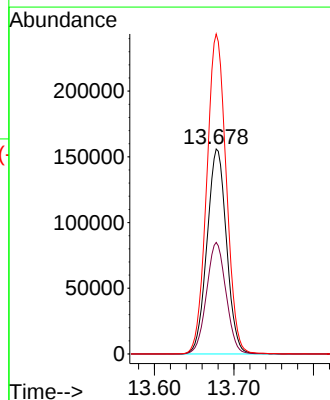
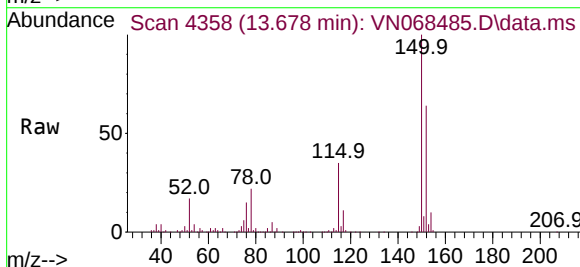
Instrument :
MSVOA_N
ClientSampleId :
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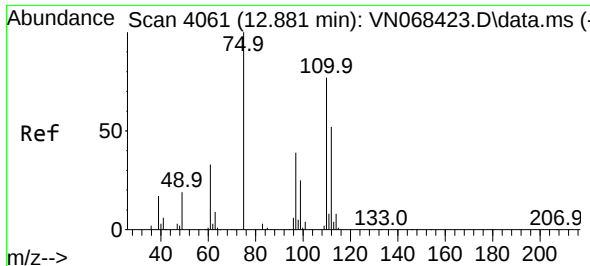
Tgt Ion:	117	Resp:	689173
Ion	Ratio	Lower	Upper
117	100		
82	49.5	38.7	58.1
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion:	152	Resp:	265483
Ion	Ratio	Lower	Upper
152	100		
115	54.4	25.6	76.6
150	156.3	0.0	346.8

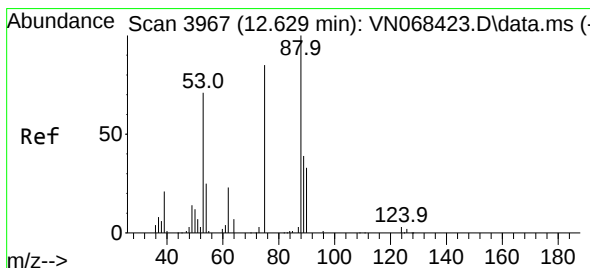
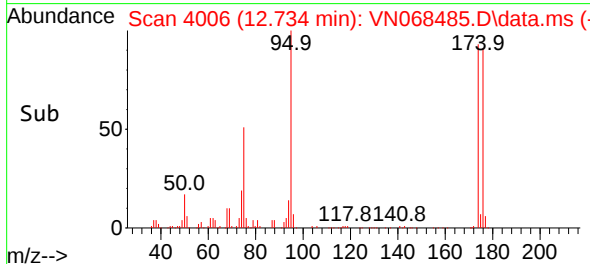
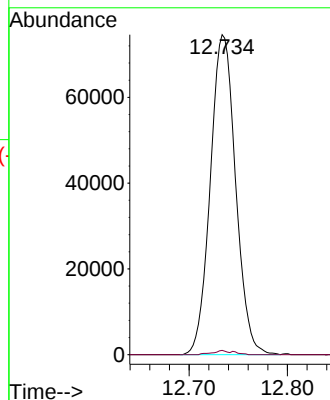
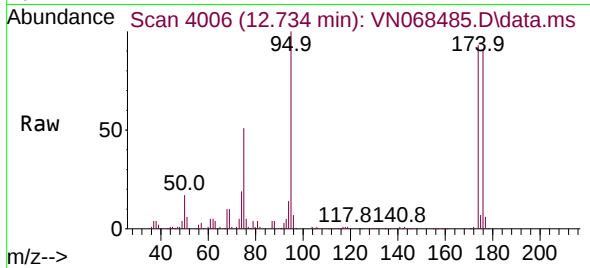




#76
1,2,3-Trichloropropane
Concen: 31.880 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

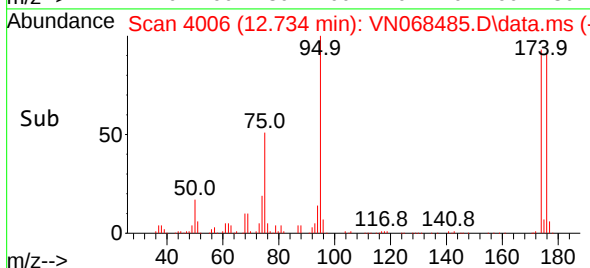
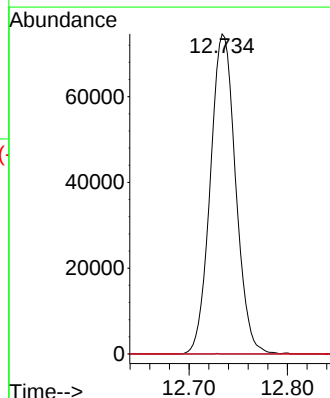
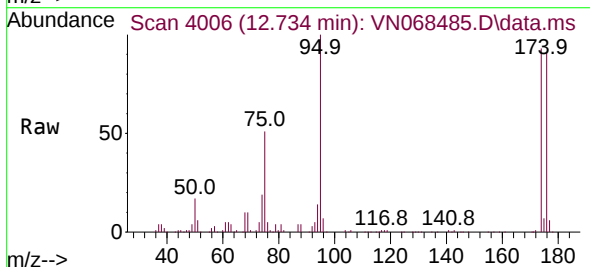
Instrument :
MSVOA_N
ClientSampleId :
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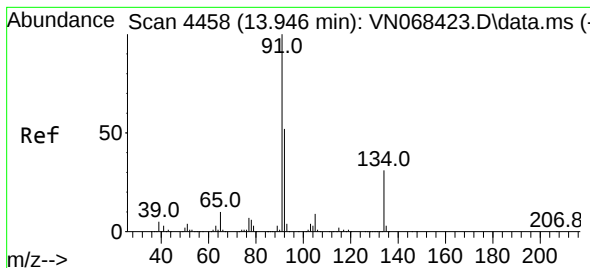
Tgt Ion: 75 Resp: 133602
Ion Ratio Lower Upper
75 100
77 0.8 100.9 302.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.528 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 75 Resp: 133602
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#

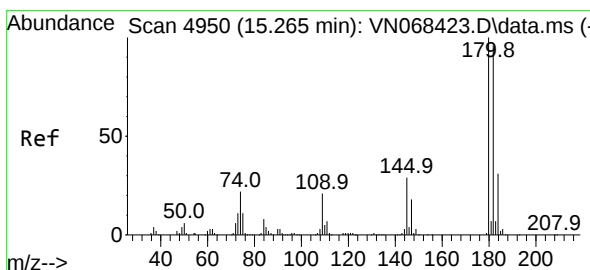
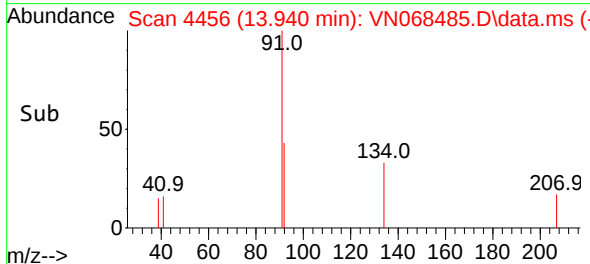
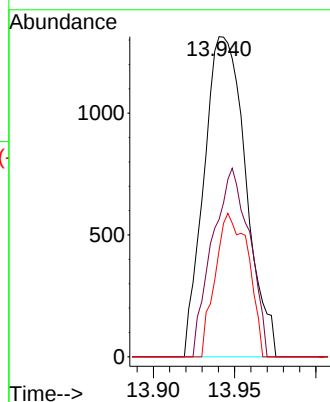
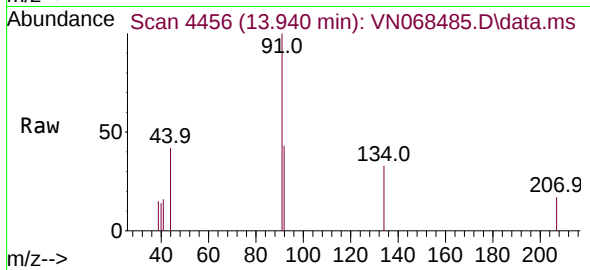




#89
n-Butylbenzene
Concen: 0.207 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.005 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

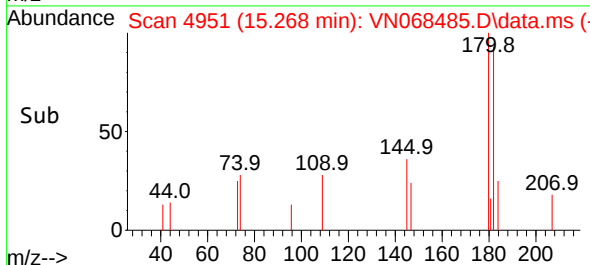
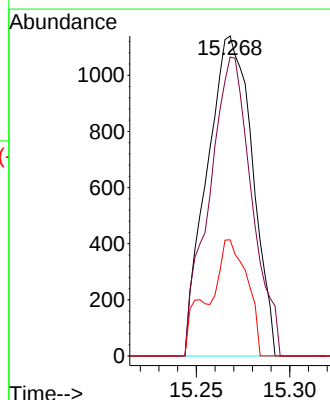
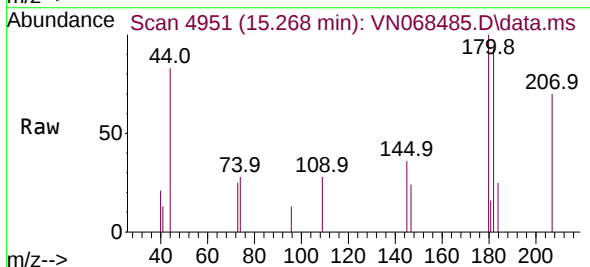
Instrument :
MSVOA_N
ClientSampleId :
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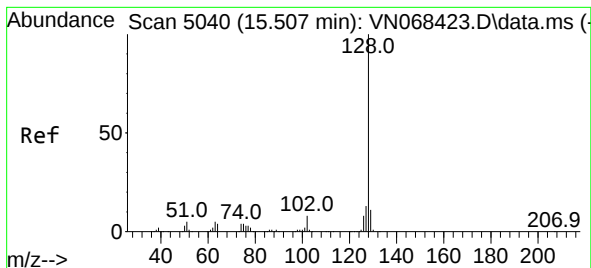
Tgt Ion: 91	Resp:	2351
Ion Ratio	Lower	Upper
91	100	
92	52.4	26.0 78.0
134	35.3	15.4 46.2



#93
1,2,4-Trichlorobenzene
Concen: 0.479 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion: 180	Resp:	1914
Ion Ratio	Lower	Upper
180	100	
182	88.2	47.5 142.6
145	23.4	14.1 42.4

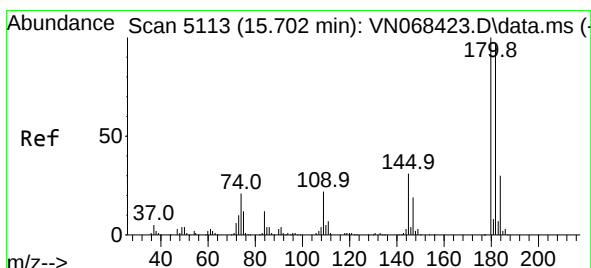
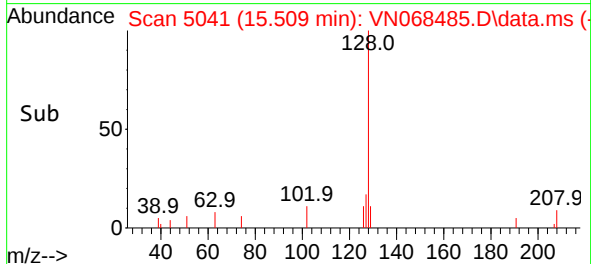
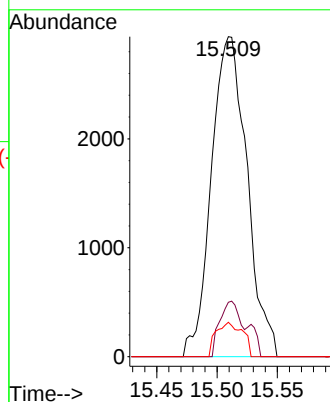
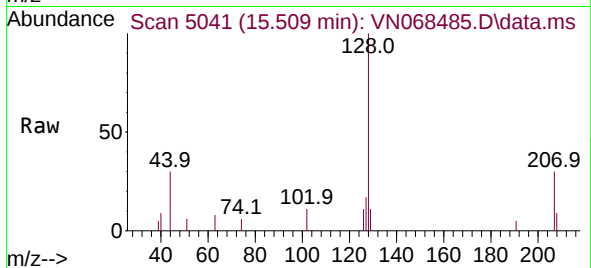




#95
Naphthalene
Concen: 4.030 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Instrument :
MSVOA_N
ClientSampleId :
WALL-BRICK-FLOOR

Tgt Ion:128 Resp: 6031
Ion Ratio Lower Upper
128 100
127 10.1 10.6 15.8#
129 8.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.537 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068485.D
Acq: 15 Sep 2021 15:43

Tgt Ion:180 Resp: 2046
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 5.4 15.2 45.5#

